AIR QUALITY, ENERGY, AND GREENHOUSE GAS IMPACT ANALYSIS

BRAR FARMS RESIDENTIAL DEVELOPMENT PROJECT

WEST SACRAMENTO, CALIFORNIA

LSA

July 2026

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LIST OF ABBREVIATIONS AND ACRONYMS

°C	degrees Celsius
°F	degrees Fahrenheit
µg/m3	micrograms per cubic meter
AAQS	ambient air quality standards
AB	Assembly Bill
APS	Alternative Planning Strategy
BTU	British Thermal Unit
CAA	Federal Clean Air Act
CAAP	Climate Action and Adaption Plan
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CalEEMod	California Emissions Estimator Model
CALGreen Code	California Green Building Standards Code
CARB	California Air Resources Board
CARB Handbook	California Air Resources Board's Air Quality and Land Use Handbook
CBSC	California Building Standards Commission
CCAA	California Clean Air Act
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CH_4	methane
City	City of West Sacramento
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	CO_2 equivalents
CPUC	California Public Utilities Commission
DPM	diesel particulate matter
EIR	Environmental Impact Report
EMFAC2025	California Emissions Factor Model, Version 2025

EO	Executive Order
EV	electric vehicle
GHG	greenhouse gas
GPA	General Plan Amendment
GWh	gigawatt-hours
GWP	Global Warming Potential
HFC	hydrofluorocarbon
HI	Hazard Index
HRA	Health Risk Assessment
HVAC	heating, ventilation, and air conditioning
IPCC	Intergovernmental Panel on Climate Change
kWh	kilowatt-hours
LED	light emitting diode
LOS	level of service
MEI	maximum exposed individual
MICR	maximum individual cancer risk
MMT	million metric tons
MPO	Metropolitan Planning Organization
MT	metric tons
MTP	Metropolitan Transportation Plan
MTP/SCS	Metropolitan Transportation Plan/Sustainable Communities Strategy
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NO_2	nitrogen dioxide
NO_X	nitrogen oxides
O_3	ozone
OEHHA	California Office of Environmental Health Hazard Assessment
Pb	lead
PFC	perfluorocarbon
PG&E	Pacific Gas and Electric
PM	particulate matter

PM_{10}	particulate matter that is 10 microns or less in diameter
$PM_{2.5}$	particulate matter that is 2.5 microns or less in diameter
ppm	parts per million
project	Brar Farms Residential Development Project
ROC	reactive organic compound
ROG	reactive organic gas
RPS	Renewables Portfolio Standard
SACOG	Sacramento Area Council of Governments
SB	Senate Bill
SCS	Sustainable Communities Strategy
SF_6	sulfur hexafluoride
SO_2	sulfur dioxide
SVAB	Sacramento Valley Air Basin
TAC	toxic air contaminant
UNFCCC	United Nations Framework Convention on Climate Change
URF	unit risk factor
USEPA	United States Environmental Protection Agency
VMT	vehicle miles traveled
VOC	volatile organic compound
YSAQMD	Yolo-Solano Air Quality Management District
ZEV	zero emission vehicle
ZNE	zero net energy

INTRODUCTION

This Air Quality, Energy, and Greenhouse Gas (GHG) Impact Analysis has been prepared to evaluate the potential air quality, energy, and GHG emissions impacts associated with the Brar Farms Residential Development Project (project) in West Sacramento, California. This analysis was prepared using methods and assumptions recommended in the Yolo-Solano Air Quality Management District (YSAQMD) Handbook for *Assessing and Mitigating Air Quality Impacts*.[1] This analysis includes a description of the existing regulatory framework, an assessment of project construction and operation period emissions, and an assessment of GHG emissions and energy impacts resulting from the proposed project.

In addition, LSA has prepared a construction Health Risk Assessment (HRA) for the proposed project. An HRA is a process used to estimate the increased health risk levels for people living and/or working near a project that emits toxic air contaminants (TACs). The purpose of this HRA is to determine the increased cancer and noncancer health risks from project-related emissions of TACs in the exhaust of diesel-powered construction equipment on existing nearby sensitive receptors. This HRA has been prepared in accordance with policies and procedures of the State Office of Environmental Health Hazard Assessment (OEHHA), the California Air Resources Board (CARB), and the YSAQMD.

PROJECT LOCATION AND DESCRIPTION

The approximately 60-acre project site is located at the corner of Marshall Road and Otis Avenue, in the western portion of West Sacramento in Yolo County. The project site consists of five parcels (Assessor's Parcel Numbers: 045-260-008, -009, -010; 045-270-001, -002) and is undeveloped and relatively flat with a gentle slope toward the southwest. Local vehicular access to the project site is provided by way of Jefferson Boulevard, Marshall Road, and Southport Parkway. Regional vehicular access to the project site is provided by Interstate 5, and Interstate 80, which are located to the east and north of the project site, respectively.

The proposed project involves the subdivision of a 60-acre property to create 259 lots for future single-family homes, comprising approximately 34.78 acres of residential development and open space totaling 14.11 acres. The open space lots would include a 0.68-acre Central Park, a 0.14 acre parklet at the corner of Marshall Road and Otis Avenue, and 1.81 acres of landscaped lots distributed throughout the proposed development to provide greenspace and buffers. Additionally, the open space areas would include a 4.02-acre detention basin, which would also serve as a recreational field during dry seasons. The proposed project would also construct local streets to facilitate circulation throughout the proposed residential development, all of which will be public and meet applicable City Standards. Generally, the proposed streets would be 60 to 65 feet wide and would accommodate 5- to 8-foot-wide sidewalks, landscape strips between the curb and sidewalk and Class III bikeways within the proposed development, Class II bikeways along Marshall Road and Otis Avenue, and enhanced crosswalks with speed tables and bulb-outs. Future homes would

[1] Yolo-Solano Air Quality Management District (YSAQMD). 2007. *Handbook for Assessing and Mitigating Air Quality Impacts*. July 11. Website: https://www.ysaqmd.org/wp-content/uploads/Planning/CEQAHandbook2007.pdf (accessed July 2026).

include two-car garages and driveways for parking cars. On-street parking would be available for residents and guests.

The proposed project would be designed to comply with the water efficiency and energy conservation requirements included in the California Building Standards Code (California Code of Regulations [CCR], Title 24). The proposed residential units would also feature passive use solar heating and cooling, natural ventilation, energy-efficient windows (such as Low E Vinyl, Argon Glass Filled Low E, or Low E Wood Frame), solar roofs, green roofs, or cool roof systems, and energy-efficient home appliances. The proposed project would also be designed to be all-electric and will not include the use of natural gas. Based on the project's trip generation, the proposed project is estimated to generate 2,422 average daily trips.[2]

Construction activities for the project would include site preparation, grading, building construction, paving, and architectural coating. It is anticipated that during project construction, a total of 31,422 cubic yards would be cut through grading and excavation activities, and 88,068 cubic yards of fill would be required. It is assumed that a portion of the required fill would come from on-site excavation, with the remaining fill imported to achieve the proposed site elevations. All fill would remain on site, and no soil would be exported or hauled off. In addition, grading, site preparation, and building activities would involve the use of standard earthmoving equipment such as large excavators, cranes, and other related equipment.

The detailed project schedule is not yet known. However, construction of the proposed project is anticipated to begin in 2027 or 2028, commencing within 12 to 18 months of project approval. This assumption provides a more conservative basis for evaluating potential environmental impacts; however, construction may require a longer timeframe. For purposes of this analysis, it is assumed that construction of the proposed project would begin in early 2027 and would last for 18 months.

The proposed project would require a General Plan Amendment (GPA) to the City of West Sacramento's (City's) existing General Plan and an amendment to the Southport Framework Plan to change the designations from Rural Estates (RE) to Low-Density Residential (LR). It would also require a Zoning Map/Code amendment to rezone the site from Residential Rural Estates (RE) to Residential One Family (R-1-A). **Figure 1** shows the project location, and **Figure 2** shows the project's site plan.

EXISTING LAND USES IN THE PROJECT AREA

The project site is bounded to the north by Marshall Road and to the east by Otis Road. The project site is largely surrounded by single family residential uses to the north, west and south. A mix of residential and agricultural uses lie to the east and southeast of the project site. A retention pond, part of the Bridgeway Lakes Community Park within the Bridgeway Lakes residential development, borders the site to the northwest.

[2] LLG. 2025. *Transportation Study for 3425 Marshall Road Residential*. April 2.

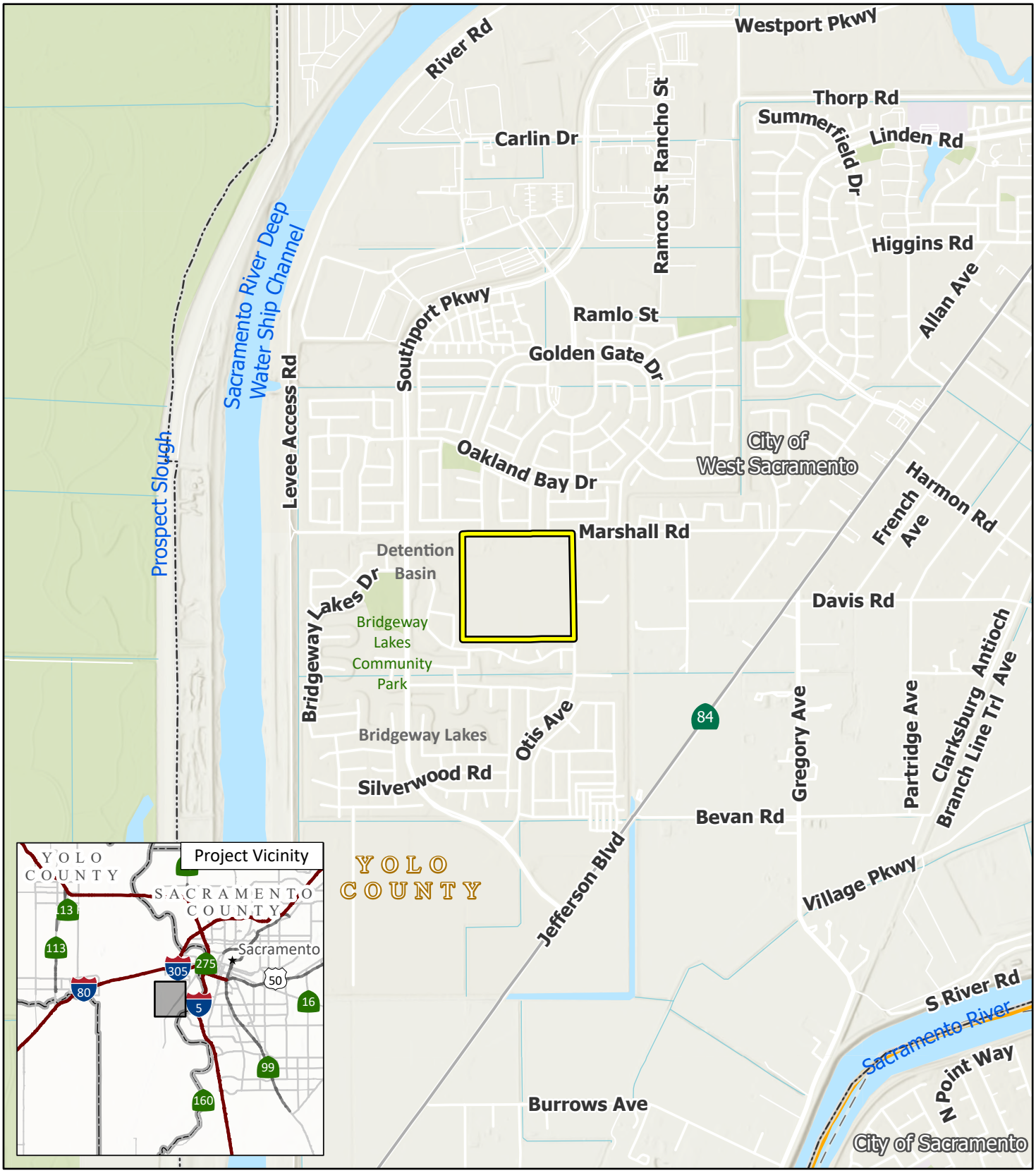

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FIGURE 1

Brar Farms Residential Development Project

Project Location

SOURCE: USGS 7.5' Quad - *[Enter quad name] ([Enter quad year])*, CA

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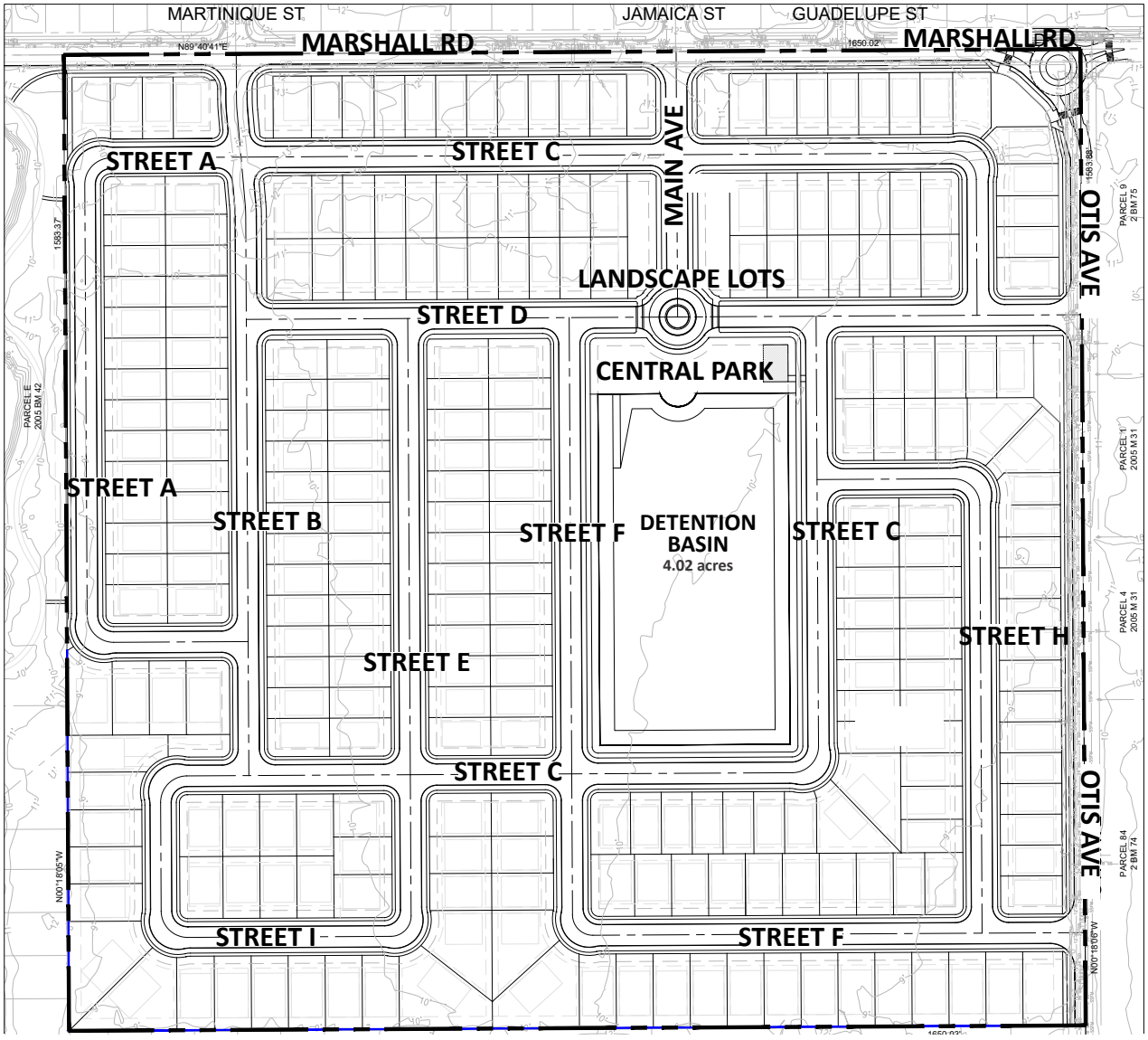

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FIGURE 2

0 200 400
FEET

Brar Farms Residential Development Project

Site Plan

I:\2025\20252264\G\Proposed_Site_Plan.ai (7/17/2026)

For the purposes of this analysis, sensitive receptors are areas of the population that have an increased sensitivity to air pollution or environmental contaminants. Sensitive receptor locations include residences, schools, daycare centers, hospitals, parks, and similar uses that are sensitive to air quality. Impacts on sensitive receptors are of particular concern because those receptors are the population most vulnerable to the effects of air pollution. The closest sensitive receptors to the project site include single-family residences located immediately south and west at approximately 25 feet as measured from the project boundary to the building façade. Other nearby sensitive receptors include the single-family residences located east and north of the project site at approximately 56 feet and 50 feet, respectively.

BACKGROUND

This section provides current background information on air pollutants and their health effects. It also provides current regulatory background information, including information from the CARB's Air Quality and Land Use Handbook[3] (CARB Handbook), a description of the general health risks of toxics, and the significance criteria for project evaluation.

AIR POLLUTANTS AND HEALTH EFFECTS

Both State and federal governments have established health-based ambient air quality standards (California Ambient Air Quality Standards [CAAQS] and National Ambient Air Quality Standards [NAAQS], respectively) for six criteria air pollutants:[4] carbon monoxide (CO), ozone (O_3), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), lead (Pb), and suspended particulate matter (PM) 2.5 micrometers in diameter or less and 10 micrometers in diameter or less ($PM_{2.5}$ and PM_{10}). In addition, the CAAQS have been established for sulfates, hydrogen sulfide (H_2S), vinyl chloride, and visibility-reducing particles. The CAAQS are generally equal to or more stringent than the NAAQS. These standards are designed to protect the health and welfare of the populace with a reasonable margin of safety. Long-term exposure to elevated levels of criteria pollutants may result in adverse health effects. However, emission thresholds established by an air district are used to manage total regional emissions within an air basin based on the air basin's attainment status for criteria pollutants. These emission thresholds were established for individual projects that would contribute to regional emissions and pollutant concentrations and could adversely affect or delay the projected attainment target year for certain criteria pollutants.

Because of the conservative nature of air district thresholds and the basin-wide context of regional air quality, there is no known direct correlation between a single project and localized air quality-related health effects. One individual project that generates emissions exceeding a threshold does not necessarily result in adverse health effects for residents in the project vicinity. This condition is especially true when the criteria pollutants exceeding thresholds are those with regional effects, such as ozone precursors like nitrogen oxides (NO_X) and volatile organic compounds (VOCs).

For the purposes of CEQA review, air quality analyses must consider impacts to sensitive receptors. Occupants of facilities such as schools, daycare centers, parks and playgrounds, hospitals, and nursing and convalescent homes are considered to be more sensitive than the general public to air pollutants because these population groups have increased susceptibility to respiratory disease. Persons engaged in strenuous outdoor work or exercise also have increased sensitivity to poor air quality. Residential areas are considered more sensitive to air quality conditions, compared to commercial and industrial areas, because people generally spend longer periods of time at their residences, with greater associated exposure to ambient air quality conditions. Recreational uses are

[3] California Air Resources Board (CARB). 2005. *Air Quality and Land Use Handbook: A Community Health Perspective.* April.

[4] Criteria pollutants are defined as those pollutants for which the federal and State governments have established ambient air quality standards, or criteria, for outdoor concentrations in order to protect public health.

also considered sensitive compared to commercial and industrial uses due to greater exposure to ambient air quality conditions associated with exercise.

Ozone

Rather than being directly emitted, most ground-level O_3 (smog) is formed by photochemical reactions between NO_X and VOCs. O_3 is a pungent, colorless gas. Elevated O_3 concentrations result in reduced lung function, particularly during vigorous physical activity. This health problem is particularly acute in sensitive receptors such as the sick, the elderly, and young children. O_3 levels typically peak during the summer and early fall months due to the greater prevalence of sunlight.[5]

Carbon Monoxide

CO is formed by the incomplete combustion of fossil fuels. It is a colorless, odorless gas that can cause dizziness, fatigue, and impairments to central nervous system functions. CO passes through the lungs into the bloodstream, where it interferes with the transfer of oxygen to body tissues.[6]

Particulate Matter

PM does not refer to a specific chemical compound and, rather, is the term used for a mixture of airborne solid particles and liquid. Particles are defined by their diameter for regulatory purposes. Coarse particles are those that are 10 microns or less in diameter (PM_{10}). Fine, suspended PM with an aerodynamic diameter of 2.5 microns or less ($PM_{2.5}$) is a component of PM_{10}. Nitrates, sulfates, dust, and combustion particulates are major components of PM_{10} and $PM_{2.5}$. These small particles can be directly emitted into the atmosphere as byproducts of fuel combustion; through abrasion, such as tire or brake lining wear; or through fugitive dust (wind or mechanical erosion of soil). They can also be formed in the atmosphere through chemical reactions. PM is small enough to be inhaled into deep parts of the lungs and result in adverse health effects. In addition, particulates may transport carcinogens and other toxic compounds that adhere to the particle surfaces and can enter the human body through the lungs.[7]

Nitrogen Dioxide

NO_2 is a reddish-brown gas that is a byproduct of fossil fuel combustion processes. Automobile exhaust and industrial operations are the main sources of anthropogenic NO_2. Aside from its contribution to ozone formation, NO_2 also contributes to other pollution problems, including a high concentration of $PM_{2.5}$, poor visibility, and acid deposition. NO_2 may be visible as a coloring component on high pollution days, especially in conjunction with high ozone levels. NO_2 decreases lung function and may reduce resistance to infection.[8]

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5 USEPA. n.d. *Criteria Air Pollutants.* Website: https://www.epa.gov/criteria-air-pollutants (accessed July 2026).

6 Ibid.

7 Ibid.

8 Ibid.

Sulfur Dioxide

SO_2 is a colorless gas formed primarily from incomplete combustion of fuels containing sulfur that can cause irritation of the respiratory system. Industrial facilities, such as steel and paper mills, also produce SO_2 emissions. SO_2 irritates the respiratory tract, can injure lung tissue when combined with fine particulate matter, and reduces visibility and the level of sunlight.[9]

Lead

Lead has multiple adverse neurotoxic health effects, and children are at special risk. Some lead-containing chemicals cause cancer in animals. Lead levels in the air have decreased substantially since leaded gasoline was eliminated starting in 1973. Ambient lead concentrations are only monitored on an as-warranted, site-specific basis in California.[10]

Volatile Organic Compounds

VOCs (also known as reactive organic gases [ROGs] and reactive organic compounds [ROCs]) are formed from the combustion of fuels and the evaporation of organic solvents. VOCs generally accumulate in the atmosphere more readily during the winter, when sunlight is limited and photochemical reactions are slower. VOCs are not considered criteria pollutants and subsequently there are no ambient air quality standards for VOCs. However, VOCs are an immediate ozone precursor.[11]

Toxic Air Contaminants

In addition to the criteria pollutants discussed above, TACs are another group of pollutants of concern. TACs are injurious in small quantities and are regulated by the USEPA and the CARB. Some examples of TACs include benzene, butadiene, formaldehyde, and hydrogen sulfide.

TACs do not have ambient air quality standards but are regulated by the USEPA, the CARB, and the YSAQMD. In 1998, the CARB identified particulate matter from diesel-fueled engines as a TAC. The CARB has completed a risk management process that identified potential cancer risks for a range of activities using diesel-fueled engines.[12] High-volume freeways, stationary diesel engines, and facilities attracting heavy and constant diesel vehicle traffic (e.g., distribution centers and truck stops) were identified as posing the highest risk to adjacent receptors. Other facilities associated with increased risk include warehouse distribution centers, large retail or industrial facilities, high-volume transit centers, and schools with a high volume of bus traffic. Health risks from TACs are a function of both concentration and duration of exposure.

Unlike TACs emitted from industrial and other stationary sources noted above, most diesel particulate matter (DPM) is emitted from mobile sources—primarily "off-road" sources such as

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9 EPA. N.d. *Criteria Air Pollutants.* Website: https://www.epa.gov/criteria-air-pollutants (accessed July 2026).

10 Ibid.

11 Ibid.

12 CARB. 2000. Stationary Source Division and Mobile Source Control Division. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles.* October.

construction and mining equipment, agricultural equipment, and truck-mounted refrigeration units, as well as "on-road" sources such as trucks and buses traveling on freeways and local roadways.

Although not specifically monitored, studies indicate that exposure to DPM may contribute significantly to a cancer risk (a risk of approximately 500 to 700 in 1,000,000) that is greater than all other measured TACs combined.[13] The technology for reducing DPM emissions from heavy-duty trucks is well established, and both State and federal agencies are moving aggressively to regulate engines and emission control systems to reduce and remediate diesel emissions.

Table A summarizes the sources and health effects of air pollutants discussed in this section. **Table B** presents a summary of CAAQS and NAAQS.

Table A: Sources and Health Effects of Air Pollutants

Pollutants	Sources	Primary Effects
Carbon Monoxide (CO)	• Incomplete combustion of fuels and other carbon-containing substances, such as motor exhaust • Natural events, such as decomposition of organic matter	• Reduced tolerance for exercise • Impairment of mental function • Impairment of fetal development • Death at high levels of exposure • Aggravation of some heart diseases (angina)
Nitrogen Dioxide (NO_2)	• Motor vehicle exhaust • High temperature stationary combustion • Atmospheric reactions	• Aggravation of respiratory illness • Reduced visibility • Reduced plant growth • Formation of acid rain
Ozone (O_3)	• Atmospheric reaction of organic gases with nitrogen oxides in sunlight	• Aggravation of respiratory and cardiovascular diseases • Irritation of eyes • Impairment of cardiopulmonary function • Plant leaf injury
Lead (Pb)	• Contaminated soil	• Impairment of blood functions and nerve construction • Behavioral and hearing problems in children
Suspended Particulate Matter ($PM_{2.5}$ and PM_{10})	• Stationary combustion of solid fuels • Construction activities • Industrial processes • Atmospheric chemical reactions	• Reduced lung function • Aggravation of the effects of gaseous pollutants • Aggravation of respiratory and cardiorespiratory diseases • Increased cough and chest discomfort • Soiling • Reduced visibility
Sulfur Dioxide (SO_2)	• Combustion of sulfur-containing fossil fuels • Smelting of sulfur-bearing metal ores Industrial processes	• Aggravation of respiratory diseases (asthma, emphysema) • Reduced lung function • Irritation of eyes • Reduced visibility • Plant injury • Deterioration of metals, textiles, leather, finishes, coatings, etc.

Source: California Air Resources Board (2015).

[13] CARB. 2000. Stationary Source Division and Mobile Source Control Division. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles.* October.

Table B: Federal and State Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[1]		Federal Standards[2]		
		Concentration[3]	Method[4]	Primary[3,5]	Secondary[3,6]	Method[7]
Ozone (O_3)[8]	1-Hour	0.09 ppm (180 µg/m³)	Ultraviolet Photometry	–	Same as Primary Standard	Ultraviolet Photometry
	8-Hour	0.07 ppm (137 µg/m³)		0.070 ppm (137 µg/m³)		
Respirable Particulate Matter (PM_{10})[9]	24-Hour	50 µg/m³	Gravimetric or Beta Attenuation	150 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m³		–		
Fine Particulate Matter ($PM_{2.5}$)[9]	24-Hour	-		35 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m³	Gravimetric or Beta Attenuation	9.0 µg/m³ [15]		
Carbon Monoxide (CO)	8-Hour	9.0 ppm (10 mg/m³)	Non-Dispersive Infrared Photometry (NDIR)	9 ppm (10 mg/m³)	–	Non-Dispersive Infrared Photometry (NDIR)
	1-Hour	20 ppm (23 mg/m³)		35 ppm (40 mg/m³)		
	8-Hour (Lake Tahoe)	6 ppm (7 mg/m³)		–	–	
Nitrogen Dioxide (NO_2)[10]	Annual Arithmetic Mean	0.03 ppm (57 µg/m³)	Gas Phase Chemi-luminescence	53 ppb (100 µg/m³)	Same as Primary Standard	Gas Phase Chemi-luminescence
	1-Hour	0.18 ppm (339 µg/m³)		100 ppb (188 µg/m³)	-	
Lead (Pb)[12,13]	30-Day Average	1.5 µg/m³	Atomic Absorption	–	–	High-Volume Sampler and Atomic Absorption
	Calendar Quarter	–		1.5 µg/m³ (for certain areas)[12]	Same as Primary Standard	
	Rolling 3-Month Average[9]	–		0.15 µg/m³		
Sulfur Dioxide (SO_2)[11]	24-Hour	0.04 ppm (105 µg/m³)	Ultraviolet Fluorescence	0.14 ppm (for certain areas)	–	Ultraviolet Fluorescence; Spectro-photometry (Pararosaniline Method)
	3-Hour	–		–	0.5 ppm (1,300 µg/m³)	
	1-Hour	0.25 ppm (655 µg/m³)		75 ppb (196 µg/m³)[11]	–	
	Annual Arithmetic Mean	–		0.030 ppm (for certain areas)[11]	–	
Visibility-Reducing Particles[12]	8-Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape.	No Federal Standards		
Sulfates	24-Hour	25 µg/m³	Ion Chromatography			
Hydrogen Sulfide	1-Hour	0.03 ppm (42 µg/m³)	Ultraviolet Fluorescence			
Vinyl Chloride[10]	24-Hour	0.01 ppm (26 µg/m³)	Gas Chromatography			

Source: California Air Resources Board (2024) (Website:https://ww2.arb.ca.gov/sites/default/files/2024-08/AAQS%20Table_ADA_FINAL_07222024.pdf).

Table notes are provided on the following page.

[1] California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1- and 24-hour), nitrogen dioxide, and particulate matter (PM_{10}, $PM_{2.5}$, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California Ambient Air Quality Standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

[2] National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m^3 is equal to or less than one. For $PM_{2.5}$, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over 3 years, are equal to or less than the standard. Contact USEPA for further clarification and current national policies.

[3] Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

[4] Any equivalent measurement method which can be shown to the satisfaction of the CARB to give equivalent results at or near the level of the air quality standard may be used.

[5] National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.

[6] National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[7] Reference method as described by the USEPA. An “equivalent method” of measurement may be used but must have a “consistent relationship to the reference method” and must be approved by the USEPA.

[8] On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.

[9] On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 µg/m^3 to 12.0 µg/m^3. The existing national 24- hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 µg/m^3, as was the annual secondary standard of 15 µg/m^3. The existing 24-hour PM_{10} standards (primary and secondary) of 150 µg/m^3 also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.

[10] To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

[11] On June 2, 2010, a new 1-hour SO_2 standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.
Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.

[12] The CARB has identified lead and vinyl chloride as ‘toxic air contaminants’ with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[13] The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 µg/m^3 as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

[14] In 1989, the CARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are “extinction of 0.23 per kilometer” and “extinction of 0.07 per kilometer” for the statewide and Lake Tahoe Air Basin standards, respectively.

[15] On February 7, 2024, the federal annual PM2.5 standard was revised from 12.0 µg/m3 to 9.0 µg/m3.

°C = degrees Celsius
µg/m^3 = micrograms per cubic meter
CARB = California Air Resources Board
mg/m^3 = milligrams per cubic meter
PM_{10} = particulate matter less than 10 microns in size
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
ppb = parts per billion
ppm = parts per million
USEPA = United States Environmental Protection Agency

ENERGY

Electricity

Electricity is a manmade resource. The production of electricity requires the consumption or conversion of energy resources (including water, wind, oil, gas, coal, solar, geothermal, and nuclear resources) into energy. Electricity is used for a variety of purposes (e.g., lighting, heating, cooling, and refrigeration, and for operating appliances, computers, electronics, machinery, and public transportation systems).

According to the most recent data available, in 2024, California's electricity was generated primarily by natural gas (40.0 percent) and renewable sources (59.77 percent), including large hydroelectric and nuclear. Coal and other unspecified sources made up less than 1 percent. Total electric generation in California in 2024 was 216,181 gigawatt-hours (GWh), down from the 2023 total generation of 281,140 GWh.[14]

The project site is within the service territory of the Pacific Gas and Electric (PG&E) Company. According to the California Energy Commission (CEC), total electricity consumption in the PG&E service area in 2024 was 75,337 GWh (26,280 GWh for the residential sector).[15] Total electricity consumption in Yolo County in 2024 was 1,825 GWh (or 1,825,000,000 kilowatt-hours [kWh]).[16]

Natural Gas

Natural gas is a non-renewable fossil fuel. Fossil fuels are formed when layers of decomposing plant and animal matter are exposed to intense heat and pressure under the surface of the Earth over millions of years. Natural gas is a combustible mixture of hydrocarbon compounds (primarily methane) that is used as a fuel source. Natural gas is found in naturally occurring reservoirs in deep underground rock formations. Natural gas is used for a variety of uses (e.g., heating buildings, generating electricity, and powering appliances such as stoves, washing machines and dryers, gas fireplaces, and gas grills).

Natural gas consumed in California is used for electricity generation (45 percent), residential uses (21 percent), industrial uses (25 percent), and commercial uses (9 percent). California continues to depend on out-of-state imports for nearly 90 percent of its natural gas supply.[17]

PG&E is the natural gas service provider for West Sacramento. According to the CEC, total natural gas consumption in the PG&E service area in 2024 was 4,225 million therms (1,705 million therms for

14 California Energy Commission (CEC). 2025. *2024 Total System Electric Generation*. Website: https://www.energy.ca.gov/data-reports/energy-almanac/california-electricity-data/2024-total-system-electric-generation (accessed July 2026).

15 CEC. 2024 Electricity Consumption. Website: https://www.energy.ca.gov/data-reports/energy-almanac/california-electricity-data/california-energy-consumption-dashboards-0 (accessed July 2026).

16 Ibid.

17 CEC. 2025. Supply and Demand of Natural Gas in California. Website: https://www.energy.ca.gov/data-reports/energy-almanac/californias-natural-gas-market/supply-and-demand-natural-gas-california (accessed July 2026).

the residential sector).[18] Total natural gas consumption in Yolo County in 2024 was 59.6 million therms (59,550,000 therms).[19] However, as described in the Project Location and Description section, the proposed project would be designed to be all-electric and will not include the use of natural gas.

Petroleum Fuel

Petroleum is also a non-renewable fossil fuel. Petroleum is a thick, flammable, yellow-to-black mixture of gaseous, liquid, and solid hydrocarbons that occurs naturally beneath the earth's surface. Petroleum is primarily recovered by oil drilling. It is refined into a large number of consumer products, primarily fuel oil, gasoline, and diesel.

Gasoline is the most used transportation fuel in California, with 97 percent of all gasoline being consumed by light-duty cars, pickup trucks, and sport utility vehicles. According to the most recent data available, in 2023, total gasoline consumption in California was 648,296 thousand barrels or 3,490.8 trillion British Thermal Units (BTU).[20] Of the total gasoline consumption, roughly 86 percent (555,413 thousand barrels or 2,974.0 trillion BTU) was consumed for transportation.[21] Based on fuel consumption rates obtained from CARB's Emissions Factor Model, Version 2025 (EMFAC2025), approximately 80.4 million gallons of gasoline and approximately 35.7 million gallons of diesel will be consumed from vehicle trips in Yolo County in 2025.[22]

GREENHOUSE GASES

Global climate change is the observed increase in the average temperature of the Earth's atmosphere and oceans in recent decades. Global surface temperature was around 1.1°C above 1850–1900 levels in 2011–2020. The prevailing scientific consensus on climate change is that most of the warming observed over the last 50 years is attributable to human activities. The increased amounts of carbon dioxide (CO_2) and other GHGs are the primary causes of the human-induced component of warming. GHGs are released by the burning of fossil fuels, land clearing, agriculture, and other activities, and lead to an increase in the greenhouse effect.[23]

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18 CEC. 2024. Natural Gas Consumption. Website: https://www.energy.ca.gov/data-reports/energy-almanac/california-electricity-data/california-energy-consumption-dashboards-1 (accessed July 2026).

19 Ibid.

20 U.S. Energy Information Administration (EIA). 2023. California State Profile and Energy Estimates, Data. Website: https://www.eia.gov/state/seds/data.php?incfile=/state/seds/sep_fuel/html/fuel_use_pa.html&sid=US&sid=CA (accessed July 2026).

21 Ibid.

22 CARB. n.d. EMFAC Emissions Inventory. Website: https://arb.ca.gov/emfac/emissions-inventory/1ce2f46206362523da30b656d3fc5365ab81b8c9 (accessed July 2026).

23 The temperature on Earth is regulated by a system commonly known as the "greenhouse effect." Just as the glass in a greenhouse lets heat from sunlight in and reduces the heat escaping, greenhouse gases like carbon dioxide, methane, and nitrous oxide in the atmosphere keep the Earth at a relatively even temperature. Without the greenhouse effect, the Earth would be a frozen globe; thus, although an excess of greenhouse gas results in global warming, the naturally occurring greenhouse effect is necessary to keep the planet at a comfortable temperature.

GHGs are present in the atmosphere naturally, are released by natural and anthropogenic sources, or are formed from secondary reactions taking place in the atmosphere. The gases that are widely seen as the principal contributors to human-induced global climate change are:

- CO_2
- Methane (CH_4)
- Nitrous oxide (N_2O)
- Hydrofluorocarbons (HFCs)
- Perfluorocarbons (PFCs)
- Sulfur hexafluoride (SF_6)

These gases vary considerably in terms of Global Warming Potential (GWP), which is a concept developed to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP is based on several factors, including the relative effectiveness of a gas to absorb infrared radiation and length of time that the gas remains in the atmosphere ("atmospheric lifetime"). The GWP of each gas is measured relative to CO_2, the most abundant GHG; the definition of GWP for a particular GHG is the ratio of heat trapped by one unit mass of the GHG to the ratio of heat trapped by one unit mass of CO_2 over a specified time period (usually 100 years). GHG emissions are typically measured in terms of pounds or tons of CO_2 equivalents (CO_2e). **Table C** shows the GWP for several prominent GHGs. For example, SF_6 is 23,500 times more potent at contributing to global warming than CO_2.

Table C: Atmospheric Lifetime and Global Warming Potential of Greenhouse Gases

Gas	Atmospheric Lifetime (Years)	Global Warming Potential (100-Year Time Horizon)
Carbon Dioxide	50-200	1
Methane	12	28
Nitrous Oxide	114	265
HFC-23	270	12,400
HFC-134a	14	1,300
HFC-152a	1.4	138
PFC: Tetrafluoromethane (CF_4)	50,000	6,630
PFC: Hexafluoromethane (C_2F_6)	10,000	11,100
Sulfur Hexafluoride (SF_6)	3,200	23,500

Source: *Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report* (AR5) (IPCC 2014).
HFC = hydrofluorocarbons
PFC = perfluorocarbons

The following discussion summarizes the characteristics of the six most prominent GHGs and black carbon.

Carbon Dioxide

In the atmosphere, carbon generally exists in its oxidized form, as CO_2. Natural sources of CO_2 include the respiration (breathing) of humans, animals, and plants, volcanic out gassing, decomposition of organic matter, and evaporation from the oceans. Human-caused sources of CO_2 include the combustion of fossil fuels and biomass, waste incineration, mineral production, and deforestation. The atmospheric lifetime of CO_2 is variable because it is so readily exchanged in the atmosphere.[24]

Methane

CH_4 is produced when organic matter decomposes in environments lacking sufficient oxygen. Natural sources include wetlands, termites, and oceans. Decomposition occurring in landfills accounts for the majority of human-generated CH_4 emissions in California and in the United States as a whole. Agricultural processes such as intestinal fermentation, manure management, and rice cultivation are also significant sources of CH_4 in California.[25]

Nitrous Oxide

N_2O is produced naturally by a wide variety of biological sources, particularly microbial action in soils and water. Tropical soils and oceans account for the majority of natural source emissions. Among other sources, N_2O is a product of the reaction that occurs between nitrogen and oxygen during fuel combustion. Both mobile and stationary combustion sources emit N_2O, and the quantity emitted varies according to the type of fuel, technology, and pollution control device used, as well as maintenance and operating practices. Agricultural soil management and fossil fuel combustion are the primary sources of human-generated N_2O emissions in California.[26]

Hydrofluorocarbons, Perfluorocarbons, and Sulfur Hexafluoride

HFCs are man-made chemicals that were developed to be used as substitutes for ozone-depleting substances regulated under the Montreal Protocol.[27] PFCs and SF_6 are emitted from various industrial processes, including aluminum smelting, semiconductor manufacturing, electric power transmission and distribution, and magnesium casting.

Black Carbon

Black carbon is the most strongly light-absorbing component of PM formed by burning fossil fuels such as coal, diesel, and biomass. Black carbon is emitted directly into the atmosphere in the form of $PM_{2.5}$ and is the most effective form of PM, by mass, at absorbing solar energy. Black carbon contributes to climate change both directly, such as absorbing sunlight, and indirectly, such as

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24 CARB. 2024. Assembly Bill 32 Greenhouse Gas Emissions Inventory for 2000-2022 – by Gas.

25 Ibid

26 Ibid

27 The Montreal Protocol is an international treaty that was approved on January 1, 1989, and was designated to protect the ozone layer by phasing out the production of several groups of halogenated hydrocarbons believed to be responsible for ozone depletion.

affecting cloud formation. However, because black carbon is short-lived in the atmosphere, it can be difficult to quantify its effect on global warming.

Most U.S. emissions of black carbon come from mobile sources (52 percent), particularly from diesel-fueled vehicles. The other major source of black carbon is open biomass burning, including wildfires, although residential heating and industry also contribute. The CARB estimates that the annual black carbon emissions in California will be reduced approximately 50 percent below 2013 levels by 2030.[28]

[28] CARB. 2017. *Short-Lived Climate Pollutant Reduction Strategy.* March. Website: https://ww2.arb.ca.gov/sites/default/files/2020-07/final_SLCP_strategy.pdf (accessed July 2026).

REGULATORY SETTING

AIR QUALITY REGULATIONS

The USEPA and the CARB regulate direct emissions from motor vehicles. The YSAQMD is the regional agency primarily responsible for regulating air pollution emissions from stationary sources (e.g., factories) and indirect sources (e.g., traffic associated with new development), as well as monitoring ambient pollutant concentrations.

Federal Regulations

Federal Clean Air Act

The 1970 Federal Clean Air Act (CAA) authorized the USEPA to establish national health-based air quality standards (NAAQS) and also set deadlines for their attainment. The Federal Clean Air Act Amendments of 1990 changed deadlines for attaining NAAQS as well as the remedial actions required of areas of the nation that exceed the standards. Under the CAA, State and local agencies in areas that exceed the NAAQS are required to develop State Implementation Plans to demonstrate how they will achieve the standards by specified dates.

State Regulations

California Clean Air Act

In 1988, the California Clean Air Act (CCAA) required that all air districts in the State endeavor to achieve and maintain CAAQS for CO, O_3, SO_2, and NO_2 by the earliest practical date. The CCAA provides districts with authority to regulate indirect sources and mandates that air districts focus particular attention on reducing emissions from transportation and area-wide emission sources. When an area is designated as nonattainment, the applicable air district is required to adopt a plan to achieve a 5 percent annual reduction, averaged over consecutive 3-year periods, in district-wide emissions of each nonattainment pollutant or its precursors. The attainment plan shows how a district would reduce emissions to achieve air quality standards.

California Air Resources Board

The CARB is the agency responsible for coordination and oversight of state and local air pollution control programs in California and for implementing the CCAA. The CARB's goals are to attain and maintain healthy air quality, protect the public from exposure to toxic air contaminants, and oversee compliance with air pollution rules and regulations. Other CARB duties include monitoring air quality in conjunction with air monitoring networks, establishing CAAQS, and setting emissions standards for new motor vehicles.

Assembly Bill 2588 Air Toxics "Hot Spots" Information and Assessment Act. Under Assembly Bill (AB) 2588 (1987), stationary sources of air pollutants are required to report the types and quantities of certain substances their facilities routinely released into the air. The goals of the Air Toxics "Hot Spots" Act are to collect emission data, identify facilities having localized impacts, determine health risks, notify nearby residents of significant risks, and implement risk reduction measures as necessary to ultimately protect public health.

The California Air Resources Board Handbook. The CARB has developed an Air Quality and Land Use Handbook[29] which is intended to serve as a general reference guide for evaluating and reducing air pollution impacts associated with new projects that go through the land use decision-making process. According to the CARB Handbook, air pollution studies have shown an association between adverse health effects and proximity to high traffic roadways. Other studies have shown that diesel exhaust and other cancer-causing chemicals emitted from cars and trucks are responsible for much of the overall cancer risk from airborne toxics in California. The CARB Handbook recommends that county and city planning agencies strongly consider proximity to these sources when finding new locations for "sensitive" land uses such as homes, medical facilities, daycare centers, schools, and playgrounds.

Land uses that can produce air pollution sources of concern include freeways, rail yards, ports, refineries, distribution centers, chrome plating facilities, dry cleaners, and large gasoline service stations. Key recommendations in the CARB Handbook include taking steps to avoid siting new, sensitive land uses:

- Within 500 feet of a freeway, urban roads with 100,000 vehicles/day or rural roads with 50,000 vehicles/day;
- Within 1,000 feet of a major service and maintenance rail yard;
- Immediately downwind of ports (in the most heavily impacted zones) and petroleum refineries;
- Within 300 feet of any dry cleaning operation (for operations with two or more machines, provide 500 feet); and
- Within 300 feet of a large gas station (defined as a facility with a throughput of 3.6 million gallons per year or greater).

The CARB Handbook specifically states that its recommendations are advisory and acknowledges land use agencies must balance other considerations, including housing and transportation needs, economic development priorities, and other quality of life issues.

The recommendations are generalized and do not consider site-specific meteorology, freeway truck percentages, or other factors that influence risk for a particular project site. The purpose of this guidance is to help land use agencies determine when to further examine project sites for actual health risk associated with the location of new sensitive land uses.

Regional Regulations

Yolo Solano-Air Quality Management District

The YSAQMD is the agency principally responsible for comprehensive air pollution control in its jurisdiction and is tasked with implementing programs and regulations required by both the federal CAA and the CCAA. The YSAQMD prepares air quality attainment plans to achieve and maintain

[29] CARB. 2005. *Air Quality and Land Use Handbook: A Community Health Perspective.* April.

compliance with the CAAQS and the NAAQS. YSAQMD's regulatory authority includes reducing emissions from stationary sources (both area and point sources), developing rules and regulations, establishing permitting requirements, inspecting emissions sources, and enforcing applicable measures through education, incentive programs, or penalties when necessary.

YSAQMD Handbook for Assessing and Mitigating Air Quality Impacts. The YSAQMD has prepared a Handbook for Assessing and Mitigating Air Quality Impacts (handbook)[30] as an advisory document to provide Lead Agencies, consultants, and project applicants with procedures for addressing air quality impacts in environmental documents. The handbook contains preliminary actions Lead Agencies can take to reduce air quality impacts; criteria and thresholds; project screening methods; and mitigation measures.

Rules and Regulations. The YSAQMD rules and regulations that may apply to the proposed project include, but are not limited to, the following[31]:

- **Rule 2.1—Control of Emissions.** The emission of material which may be the cause of air pollution shall be controlled by the contents of this regulation.
- **Rule 2.5 – Nuisance.** A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public or which endanger the comfort, repose, health, or safety of any such persons or the public or which cause to have a natural tendency to cause injury or damage to business or property.
- **Rule 2.11—Particulate Matter Concentration.** The purpose of this rule is to protect the ambient air quality by establishing a particulate matter emission standard. This rule applies to any source operation which emits, or may emit dust, fumes, or total suspended particulate matter.
- **Rule 2.14 – Architectural Coatings.** The purpose of this rule is to limit the quantity of volatile organic compounds in architectural coatings supplied, sold, offered for sale, applied, solicited for application, or manufactured for use within the Yolo-Solano Air Quality Management District.
- **Rule 2.40 – Wood Burning Appliances.** The purpose of this rule is to manage the emissions of particulate matter, carbon monoxide, and other air contaminants from wood burning appliances.

Local Regulations

City of West Sacramento 2035 General Plan

The City addresses air quality in the Safety Element of the 2035 General Plan. The Safety Element includes goals and policies that work to improve air quality in the City and protect residents from

30 YSAQMD. 2007. *Handbook for Assessing and Mitigating Air Quality Impacts.* July 11. Website: https://www.ysaqmd.org/wp-content/uploads/Planning/CEQAHandbook2007.pdf (accessed July 2026).

31 YSAQMD. n.d. Current Rules. Website: https://www.ysaqmd.org/rules-compliance/current-rules-rulemaking/current-rules/ (accessed July 2026).

potential effects of decreased air quality. Applicable air quality policies from the Safety Element are listed below.[32]

- **Policy S-5.1:** The City shall support and participate in local and regional air quality planning programs to ensure the earliest practicable attainment and subsequent maintenance of Federal and State ambient air quality standards.

- **Policy S-5.2:** The City shall promote and implement clean air programs administered by the Yolo-Solano Air Quality Management District to reduce air pollution emissions.

- **Policy S-5.3:** The City shall use the CEQA process to ensure development projects incorporate feasible mitigation measures to reduce construction and operational air quality emissions, and consult with the Yolo-Solano Air Quality Management District early in the development review process.

- **Policy S-5.4:** The City shall ensure maintenance of adequate separation between sensitive land uses and facilities or operations that may produce toxic or hazardous air pollutants or substantial odors consistent with California Air Resources Board recommendations.

- **Policy S-5.7:** The City shall require developers to reduce particulate emissions from construction (e.g. grading, excavation, and demolition) to the maximum extent feasible and consistent with Yolo-Solano Air Quality Management District guidance.

- **Policy S-5.9:** The City shall maximize the use of current air quality mitigation measures, including offsets, into the construction and design of new development to aid in the reduction of regional air pollution emissions.

ENERGY

Federal and State agencies regulate energy use and consumption through various means and programs. On the federal level, the United States Department of Transportation, the United States Department of Energy, and the USEPA are three federal agencies with substantial influence over energy policies and programs. Generally, federal agencies influence and regulate transportation energy consumption through establishment and enforcement of fuel economy standards for automobiles and light trucks, through funding of energy-related research and development projects, and through funding for transportation infrastructure improvements. On the State level, the California Public Utilities Commission (CPUC) and the CEC are two agencies with authority over different aspects of energy.

The CPUC regulates privately-owned electric, natural gas, telecommunications, water, railroad, rail transit, and passenger transportation companies and serves the public interest by protecting

[32] City of West Sacramento. 2016. *2035 General Plan, Safety Element*. Website: https://www.cityofwestsacramento.org/home/showpublisheddocument/2608/636400844109900000 (accessed July 2026).

consumers and ensuring the provision of safe, reliable utility service and infrastructure at reasonable rates, with a commitment to environmental enhancement and a healthy California economy.

The CEC is the State's primary energy policy and planning agency. The CEC forecasts future energy needs, promotes energy efficiency, supports energy research, develops renewable energy resources, and plans for/directs State response to energy emergencies. The applicable federal, State, regional, and local regulatory framework is discussed below.

Federal Regulations

Energy Policy Act of 2005

The Energy Policy Act of 2005 seeks to reduce reliance on non-renewable energy resources and provide incentives to reduce current demand on these resources. For example, under this Act, consumers and businesses can obtain federal tax credits for purchasing fuel-efficient appliances and products (including hybrid vehicles), building energy-efficient buildings, and improving the energy efficiency of commercial buildings. Additionally, tax credits are available for the installation of qualified fuel cells, stationary microturbine power plants, and solar power equipment.

Corporate Average Fuel Economy Standards

On March 31, 2022, the NHTSA finalized the Corporate Average Fuel Economy (CAFE) standards for Model Years 2024–2026 Passenger Cars and Light Trucks. In June 2024, NHTSA finalized CAFE standards for model years 2027 to 2031. The standards will bring the average light-duty vehicle fuel economy to approximately 50.4 miles per gallon by model year 2031. In addition, heavy-duty pickup truck and van fuel efficiency will increase to an average of approximately 35 miles per gallon by model year 2035. NHTSA projects that the foregoing standards will avoid the consumption of almost 70 billion gallons of gasoline through 2050, preventing more than 710 million metric tons of carbon dioxide emissions by 2050.[33]

Inflation Reduction Act

The Inflation Reduction Act (IRA) of 2022 was a multi-faceted, landmark federal law intended to reduce GHG emissions, help build a clean economy, reduce energy costs for Americans, and advance environmental justice. With funding from the IRA, the USEPA launched a network of clean energy financing and provided grant funding for climate pollution reduction programs, and implemented programs to put more clean vehicles on the transportation network.[34] In January 2025, Executive Order (EO) 14153, Unleashing American Energy, agencies were directed to stop issuing funds under the IRA, and EO 14082, Implementation of the Energy and Infrastructure Provisions of the IRA of 2022, was revoked.

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33 National Highway Traffic Safety Administration (NHTSA). 2024. USDOT Finalizes New Fuel Economy Standards for Model Years 2027-2031. Website: https://www.nhtsa.gov/press-releases/new-fuel-economy-standards-model-years-2027-2031 (accessed July 2026).

34 USEPA. 2023. EPA Marks One Year of Progress Under President Biden's Inflation Reduction Act. Website: https://www.epa.gov/newsreleases/epa-marks-one-year-progress-under-president-bidens-inflation-reduction-act (accessed July 2026).

Executive Order 14156: Declaring a National Energy Emergency

In January 2025, an Executive Order (EO) was issued declaring a national energy emergency. The EO is intended to address the identified emergency and reduce energy prices by expediting energy and infrastructure projects and facilitating the production of domestic energy resources, which include, but are not limited to, crude oil, natural gas, petroleum products, coal, biofuels, hydropower, and minerals.

State Regulations

Assembly Bill 1575, Warren-Alquist Act

In 1975, largely in response to the oil crisis of the 1970s, the State Legislature adopted AB 1575 (also known as the Warren-Alquist Act), which created the CEC. The statutory mission of the CEC is to forecast future energy needs; license power plants of 50 megawatts or larger; develop energy technologies and renewable energy resources; plan for and direct State responses to energy emergencies; and, perhaps most importantly, promote energy efficiency through the adoption and enforcement of appliance and building energy efficiency standards. AB 1575 also amended Public Resources Code Section 21100(b)(3) and *State CEQA Guidelines* Section 15126.4 to require Environmental Impact Reports (EIRs) to include, where relevant, mitigation measures proposed to minimize the wasteful, inefficient, and unnecessary consumption of energy caused by a project. Thereafter, the State Resources Agency created Appendix F to the *State CEQA Guidelines*. Appendix F assists EIR preparers in determining whether a project will result in the inefficient, wasteful, and unnecessary consumption of energy. Appendix F of the *State CEQA Guidelines* also states that the goal of conserving energy implies the wise and efficient use of energy and the means of achieving this goal, including (1) decreasing overall per capita energy consumption; (2) decreasing reliance on fossil fuels such as coal, natural gas, and oil; and (3) increasing reliance on renewable energy sources.

Senate Bill 1389, Energy Planning and Forecasting

In 2002, the State Legislature passed Senate Bill (SB) 1389, which required the CEC to develop an integrated energy plan every 2 years for electricity, natural gas, and transportation fuels for the California Energy Policy Report. The plan calls for the State to assist in the transformation of the transportation system to improve air quality, reduce congestion, and increase the efficient use of fuel supplies with the least environmental and energy costs. To further this policy, the plan identifies a number of strategies, including assistance to public agencies and fleet operators in implementing incentive programs for zero emission vehicles (ZEVs) and their infrastructure needs, and encouragement of urban designs that reduce vehicle miles traveled (VMT) and accommodate pedestrian and bicycle access.

In compliance with the requirements of SB 1389, the CEC adopts an Integrated Energy Policy Report every 2 years and an update every other year. The most recently adopted report is the *2024 Integrated Energy Policy Report.*[35] The *Integrated Energy Policy Report* covers a broad range of topics, including decarbonizing buildings, integrating renewables, energy efficiency, energy equity,

[35] CEC. 2024. *2024 Integrated Energy Policy Report*. California Energy Commission. Docket Number: 24-IEPR-01.

integrating renewable energy, climate adaptation activities for the energy sector, natural gas assessment, transportation energy demand forecast, and the California Energy Demand Forecast.

Renewable Portfolio Standard

SB 1078 established the California Renewable Portfolio Standards program in 2002. SB 1078 initially required that 20 percent of electricity retail sales be served by renewable resources by 2017; however, this standard has become more stringent over time. In 2006, SB 107 accelerated the standard by requiring that the 20 percent mandate be met by 2010. In April 2011, SB 2 required that 33 percent of electricity retail sales be served by renewable resources by 2020. In 2015, SB 350 established tiered increases to the Renewable Portfolio Standards of 40 percent by 2024, 45 percent by 2027, and 50 percent by 2030. In 2018, SB 100 increased the requirement to 60 percent by 2030 and required that all the State's electricity come from carbon-free resources by 2045. SB 100 took effect on January 1, 2019.[36]

California Energy Code

Energy consumption by new buildings in California is regulated by the Building Energy Efficiency Standards, in Part 6 of Title 24 of the CCR, known as the Energy Code. The CEC first adopted the Building Energy Efficiency Standards for Residential and Non-residential Buildings in 1978 in response to a legislative mandate to reduce energy consumption in the State. The Energy Code is updated every 3 years, with the most recent update consisting of the 2022 Energy Code that became effective January 1, 2023, and mid-cycle supplements to the 2022 Code became effective on July 1, 2024. The efficiency standards apply to both new construction and rehabilitation of both residential and nonresidential buildings, and regulate energy consumed for heating, cooling, ventilation, water heating, and lighting. The building efficiency standards are enforced through the local building permit process. Local government agencies may adopt and enforce energy standards for new buildings, provided these standards meet or exceed those provided in the Energy Code.

California Green Building Standards Code (CALGreen Code)

In 2010, the California Building Standards Commission (CBSC) adopted Part 11 of the Title 24 Building Energy Efficiency Standards, referred to as the California Green Building Standards Code (CALGreen Code). The CALGreen Code took effect on January 1, 2011. The CALGreen Code is updated on a regular basis, with the most recent update consisting of the 2025 CALGreen Code standards that became effective January 1, 2026.[37] The CALGreen Code established mandatory measures for residential and nonresidential building construction and encouraged sustainable construction practices in the following five categories: (1) planning and design, (2) energy efficiency, (3) water efficiency and conservation, (4) material conservation and resource efficiency, and (5) indoor environmental quality. Although the CALGreen Code was adopted as part of the State's efforts to reduce GHG emissions, the CALGreen Code standards have co-benefits of reducing energy consumption from residential and nonresidential buildings subject to the standard.

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36 California Public Utilities Commission (CPUC). 2019. Renewables Portfolio Standard Program. Website: cpuc.ca.gov/rps (accessed July 2026).

37 California Department of General Services. 2018. *California Green Building Standards Code (CalGreen).* Webpage: https://www.dgs.ca.gov/bsc/calgreen (accessed July 2026)

California Energy Efficiency Strategic Plan

On September 18, 2008, the CPUC adopted California's first Long-Term Energy Efficiency Strategic Plan, presenting a roadmap for energy efficiency in California. The Strategic Plan was updated in 2011. The Plan articulates a long-term vision and goals for each economic sector and identifies specific near-term, mid-term, and long-term strategies to assist in achieving those goals. The Plan also reiterates the following four specific programmatic goals known as the "Big Bold Energy Efficiency Strategies" that were established by the CPUC in Decisions D.07-10-032 and D.07-12-051:[38]

- All new residential construction will be zero net energy (ZNE) by 2020.
- All new commercial construction will be ZNE by 2030.
- 50 percent of commercial buildings will be retrofitted to ZNE by 2030.
- 50 percent of new major renovations of State buildings will be ZNE by 2025.

Regional Regulations

There are no regional energy regulations that apply to the proposed project.

Local Regulations

City of West Sacramento 2035 General Plan

The City addresses energy in the Natural and Cultural Resources Element of the 2035 General Plan. The Natural and Cultural Resources Element includes policies that work to increase energy efficiency and conservation through the use of renewable energy sources in the City. Energy policies and action items from the Natural and Cultural Resources Element that may be applicable to the project are listed below.[39]

- **Policy NCR-7.1:** The City shall maintain and implement green building and energy efficiency standards for new development and redevelopment projects.

- **Policy NCR-7.2:** The City shall provide incentives for green building practices and strive to remove barriers that impede their uses.

- **Policy NCR-7.4:** The City shall require, to the extent feasible, site and building design that reduces exterior heat gain and heat island effects (e.g., tree planting, reflective paving materials, covered parking, cool roofs).

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38 California Public Utilities Commission. *Energy Efficiency Strategic Plan.* Website: https://www.cpuc.ca.gov/industries-and-topics/electrical-energy/demand-side-management/energy-efficiency/energy-efficiency-strategic-plan (accessed July 2026).

39 City of West Sacramento. 2016. *2035 General Plan, Natural and Cultural Resources Element. Website:* https://www.cityofwestsacramento.org/home/showpublisheddocument/2598/636400844095200000 (accessed July 2026).

- **Policy NCR-7.5:** The City shall require, to the extent feasible, building orientations and landscaping that use natural lighting to reduce energy demands.

- **Policy NCR-7.6:** The City shall require, to the extent feasible, new development to include renewable energy generation and co-generation facilities.

- **Policy NCR-7.7:** The City shall encourage the use of "EPA Energy Star" certified appliances (e.g., water heaters, swimming pool heaters, cooking equipment, refrigerators, furnaces and boiler units) for new private development and public facilities.

GREENHOUSE GAS REGULATORY SETTING

This section describes regulations related to GHGs at the federal, State, and local level.

Federal Regulations

The United States has historically had a voluntary approach to reducing GHG emissions. However, on April 2, 2007, the United States Supreme Court ruled that the USEPA has the authority to regulate CO_2 emissions under the CAA.

The USEPA commenced several actions in 2009 to implement a regulatory approach to global climate change, including the 2009 USEPA final rule for mandatory reporting of GHGs from large GHG emission sources in the United States. Additionally, the USEPA Administrator signed an endangerment finding action in 2009 under the CAA, finding that seven GHGs (CO_2, CH_4, N_2O, HFCs, nitrogen trifluoride [NF_3], PFCs, and SF_6) constitute a threat to public health and welfare, and that the combined emissions from motor vehicles cause and contribute to global climate change, leading to national GHG emission standards.

The Inflation Reduction Act of 2022 reaffirmed the USEPA's authority to regulate GHG emissions under the CAA. In January 2025, EO 14153, Unleashing American Energy, agencies were directed to stop issuing funds under the IRA. A bill has been introduced to repeal the IRA, but it has not been passed through the legislative process as of October 2025.

State Regulations

The CARB is the regulatory agency for implementing climate change regulations in the State. Since its formation, the CARB has worked with the public, the business sector, and local governments to find solutions to California's air pollution problems. Key efforts by the State are described below.

Assembly Bill 32 (2006), California Global Warming Solutions Act

California's major initiative for reducing GHG emissions is AB 32, passed by the State legislature on August 31, 2006. This effort aims at reducing GHG emissions to 1990 levels by 2020. The CARB has established the level of GHG emissions in 1990 at 427 million metric tons (MMT) of CO_2e. The emissions target of 427 MMT requires the reduction of 169 MMT from the State's projected business-as-usual 2020 emissions of 596 MMT. AB 32 requires the CARB to prepare a Scoping Plan that outlines the main State strategies for meeting the 2020 deadline and to reduce GHGs that contribute to global climate change. The Scoping Plan was approved by the CARB on December 11,

2008, and contains the main strategies California will implement to achieve the reduction of approximately 169 MMT CO_2e, or approximately 30 percent, from the State's projected 2020 emissions level of 596 MMT CO_2e under a business-as-usual scenario (this is a reduction of 42 MMT CO_2e, or almost 10 percent from 2002–2004 average emissions). The Scoping Plan also includes CARB-recommended GHG reductions for each emissions sector of the State's GHG inventory. The Scoping Plan calls for the largest reductions in GHG emissions to be achieved by implementing the following measures and standards:

- Improved emissions standards for light-duty vehicles (estimated reductions of 31.7 MMT CO_2e);
- The Low-Carbon Fuel Standard (15.0 MMT CO_2e);
- Energy efficiency measures in buildings and appliances and the widespread development of combined heat and power systems (26.3 MMT CO_2e); and
- A renewable portfolio standard for electricity production (21.3 MMT CO_2e).

The CARB approved the First Update to the Climate Change Scoping Plan on May 22, 2014. The First Update identifies opportunities to leverage existing and new funds to further drive GHG emission reductions through strategic planning and targeted low carbon investments. The First Update defines CARB climate change priorities until 2020, and also sets the groundwork to reach long-term goals set forth in EOs S-3-05 and B-16-2012. The Update highlights California's progress toward meeting the "near-term" 2020 GHG emission reduction goals as defined in the initial Scoping Plan. It also evaluates how to align the State's "longer-term" GHG reduction strategies with other State policy priorities for water, waste, natural resources, clean energy, transportation, and land use. CARB released a second update to the Scoping Plan, the 2017 Scoping Plan,[40] to reflect the 2030 target set by EO B-30-15 and codified by SB 32.

The 2022 Scoping Plan[41] was approved in December 2022 and assesses progress toward achieving the SB 32 2030 target and lay out a path to achieve carbon neutrality no later than 2045. The 2022 Scoping Plan focuses on outcomes needed to achieve carbon neutrality by assessing paths for clean technology, energy deployment, natural and working lands, and others, and is designed to meet the State's long-term climate objectives and support a range of economic, environmental, energy security, environmental justice, and public health priorities.

The 2022 Scoping Plan focuses on building clean energy production and distribution infrastructure for a carbon-neutral future, including transitioning existing energy production and transmission infrastructure to produce zero-carbon electricity and hydrogen, and utilizing biogas resulting from wildfire management or landfill and dairy operations, among other substitutes. The 2022 Scoping Plan states that in almost all sectors, electrification will play an important role. The 2022 Scoping Plan evaluates clean energy and technology options and the transition away from fossil fuels, including adding four times the solar and wind capacity by 2045 and about 1,700 times the amount

40 CARB. 2017a. *California's 2017 Climate Change Scoping Plan*. November.

41 CARB. 2021. *2022 Scoping Plan Update*. May 10. Website: https://ww2.arb.ca.gov/sites/default/files/2023-04/2022-sp.pdf (accessed July 2026).

of current hydrogen supply. As discussed in the 2022 Scoping Plan, EO N-79-20 requires that all new passenger vehicles sold in California will be zero-emission by 2035, and all other fleets will have transitioned to zero-emission as fully possible by 2045, which will reduce the percentage of fossil fuel combustion vehicles.

Senate Bill 375 (2008)

Signed into law on October 1, 2008, SB 375 supplements GHG reductions from new vehicle technology and fuel standards with reductions from more efficient land use patterns and improved transportation in an effort to reduce VMT. Under the law, the CARB approved GHG reduction targets in February 2011 for California's 18 federally designated regional planning bodies, known as Metropolitan Planning Organizations (MPOs). The CARB may update the targets every 4 years and must update them every 8 years. MPOs, in turn, must demonstrate how their plans, policies, and transportation investments meet the targets set by the CARB through Sustainable Communities Strategies (SCSs). The SCSs are included with the Regional Transportation Plan, a report required by State law.

Executive Order B-30-15 (2015)

Governor Jerry Brown signed EO B-30-15 on April 29, 2015, which added the immediate target of:

- GHG emissions should be reduced to 40 percent below 1990 levels by 2030.

All State agencies with jurisdiction over sources of GHG emissions were directed to implement measures to achieve reductions of GHG emissions to meet the 2030 and 2050 targets. CARB was directed to update the AB 32 Scoping Plan to reflect the 2030 target, and therefore, is moving forward with the update process. The mid-term target is critical to help frame the suite of policy measures, regulations, planning efforts, and investments in clean technologies and infrastructure needed to continue reducing emissions.

Senate Bill 350 (2015) Clean Energy and Pollution Reduction Act

SB 350, signed by Governor Jerry Brown on October 7, 2015, updates and enhances AB 32 by introducing the following set of objectives in clean energy, clean air, and pollution reduction for 2030:

- Raise California's renewable portfolio standard from 33 percent to 50 percent; and
- Increasing energy efficiency in buildings by 50 percent by the year 2030.

The 50 percent renewable energy standard will be implemented by the CPUC for the private utilities and by the CEC for municipal utilities. Each utility must submit a procurement plan showing it will purchase clean energy to displace other non-renewable resources. The 50 percent increase in energy efficiency in buildings must be achieved through the use of existing energy efficiency retrofit funding and regulatory tools already available to state energy agencies under existing law. The addition made by this legislation requires State energy agencies to plan for and implement those programs in a manner that achieves the energy efficiency target.

Senate Bill 32, California Global Warming Solutions Act of 2016, and Assembly Bill 197

In summer 2016 the Legislature passed, and the Governor signed SB 32 and AB 197. SB 32 affirms the importance of addressing climate change by codifying into statute the GHG emissions reductions target of at least 40 percent below 1990 levels by 2030 contained in Governor Brown's April 2015 EO B-30-15. SB 32 builds on AB 32 and keeps California on the path toward achieving the State's 2050 objective of reducing emissions to 80 percent below 1990 levels, consistent with an Intergovernmental Panel on Climate Change (IPCC) analysis of the emissions trajectory that would stabilize atmospheric GHG concentrations at 450 parts per million CO_2e and reduce the likelihood of catastrophic impacts from climate change.

The companion bill to SB 32, AB 197, provides additional direction to CARB related to the adoption of strategies to reduce GHG emissions. Additional direction in AB 197 meant to provide easier public access to air emissions data that are collected by CARB was posted in December 2016.

Senate Bill 100

On September 10, 2018, Governor Brown signed SB 100, which raises California's Renewables Portfolio Standard (RPS) requirements to 60 percent by 2030, with interim targets, and 100 percent by 2045. The bill also establishes a State policy that eligible renewable energy resources and zero-carbon resources supply 100 percent of all retail sales of electricity to California end-use customers and 100 percent of electricity procured to serve all State agencies by December 31, 2045. Under the bill, the State cannot increase carbon emissions elsewhere in the western grid or allow resource shuffling to achieve the 100 percent carbon-free electricity target.

Executive Order B-55-18

EO B-55-18, signed September 10, 2018, sets a goal "to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter." EO B-55-18 directs CARB to work with relevant State agencies to ensure future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal. The goal of carbon neutrality by 2045 is in addition to other statewide goals, meaning not only should emissions be reduced to 80 percent below 1990 levels by 2050, but that, by no later than 2045, the remaining emissions be offset by equivalent net removals of CO_2e from the atmosphere, including through sequestration in forests, soils, and other natural landscapes.

Executive Order N-79-20

EO N-79-20, which was signed by the Governor on September 23, 2020, sets the following goals for the State: 100 percent of in-state sales of new passenger cars and trucks shall be zero-emission by 2035; 100 percent of medium- and heavy-duty vehicles in the State shall be zero-emission by 2045 for all operations where feasible and by 2035 for drayage trucks; and 100 percent of off-road vehicles and equipment in the State shall be zero-emission by 2035, where feasible.

Assembly Bill 1279

AB 1279 was signed in September of 2022, and codifies the State goals of achieving net carbon neutrality by 2045 and maintaining net negative GHG emissions thereafter. This bill also requires

California to reduce statewide GHG emissions by 85 percent compared to 1990 levels by 2045 and directs CARB to work with relevant state agencies to achieve these goals.

Regional Regulations

Yolo-Solano Air Quality Management District

The YSAQMD has not yet established a threshold of significance for GHGs. YSAQMD advises that lead agencies evaluate whether a project's incremental direct and indirect GHG emissions are cumulatively considerable. If the lead agency jurisdiction has adopted a Climate Action Plan or General Plan goals and policies with regard to GHGs, the environmental review should base its analysis on the provisions of those documents. If the lead agency jurisdiction has not adopted a Climate Action Plan or General Plan goals and policies, then the District recommends that lead agencies consider a project's total emissions in relation to the AB 32 and AB 32 Scoping Plan goals (and additional state goals as they are adopted) or the thresholds established by other jurisdictions.

Sacramento Area Council of Governments

As the designated MPO for the six-county 22-city Sacramento metropolitan region, the Sacramento Area Council of Governments (SACOG) prepares several plans to address regional growth, including the Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS). SACOG is mandated by federal and State law to research and draw up plans for transportation, growth management, hazardous waste management, and a regional growth forecast that is the foundation for these plans and regional air quality plans. SACOG prepares several plans to address regional growth, including the Regional Comprehensive Plan and Guide, Regional Housing Needs Assessment, the MTP/SCS, the Regional Transportation Improvement Program, and the annual State of the Region reports to measure progress toward achieving regional planning goals and policies. In 2022, the SACOG Board adopted the 2025 Blueprint growth projections for population, employment, and households in the region. On November 20, 2025, SACOG adopted the MTP/SCS to the final 2025 Blueprint Plan.[42]

Local Regulations

City of West Sacramento 2035 General Plan

The City addresses climate change and GHGs in the Safety Element of the 2035 General Plan. The Safety Element includes goals and policies that work to reduce GHG emissions and adapting to expected climate change impacts. Applicable GHG policies from the Safety Element are listed below.[43]

- **Policy S-4.1:** The City shall strive to reduce community greenhouse gas emissions to the following levels:

[42] Sacramento Area Council of Governments (SACOG). 2022. *2025 Blueprint.* Website: https://www.sacog.org/planning/2025-blueprint/2025-blueprint-plan (accessed June 2026).

[43] City of West Sacramento. 2016. *2035 General Plan, Safety Element*. Website: https://www.cityofwestsacramento.org/home/showpublisheddocument/2608/636400844109900000 (accessed July 2026).

- 30 percent below "business as usual" emissions in 2005 levels by 2020; and
- 30 percent below "business as usual" emissions levels by 2030.

- **Policy S-4.3:** The City shall, in collaboration with stakeholders from the community, implement policies and measures to reduce greenhouse gas emissions from community, business, and municipal activities consistent with the targets described in Policies HS-5.1 and 5.2.

- **Policy S-4.4:** The City shall monitor greenhouse gas emissions and maintain greenhouse gas emissions inventories for municipal operations, business sectors, and the community, using methods approved by or consistent with guidance from the California Air Resources Board.

- **Policy S-4.5:** The City shall support State and Federal actions to reduce greenhouse gas emissions.

- **Policy S-4.6:** The City shall support the development of technological improvements that reduce greenhouse gas emissions, and encourage residents and businesses to integrate into their operations and daily lives new greenhouse gas reducing technologies.

- **Policy S-4.7:** The City shall monitor the local and regional impacts of climate change, and use adaptive management techniques and the latest climate change science to implement, and/or revise, if necessary, strategies to respond to the expected impacts of climate change.

City of West Sacramento Draft Climate Action and Adaption Plan (CAAP)

The City's Draft CAAP was adopted by the City Council on June 4, 2025.[44] The Draft CAAP includes policies and strategies to reduce community and municipal GHG emissions. It builds upon the City's long-term planning vision for the future established in the City's 2035 General Plan. In addition, the CAAP describes development of the City's 2030 and 2045 reduction targets, detailing their consistency with state legislation and executive orders and establishes that meeting the reduction targets would avoid cumulatively considerable effects. As such, the CAAP was developed consistent with state guidelines that pertain to local plans "for the reduction or mitigation of GHG emissions" (pursuant to SB 97 and CEQA Guidelines Section 15183.5), allowing the City to use the CAAP rather than project-level analysis for GHG emissions impact assessment for future projects.

[44] City of West Sacramento. 2025. City of West Sacramento Climate Action and Adaptation Plan. June 4. Website: https://www.cityofwestsacramento.org/home/showpublisheddocument/20579/638860179110630000 (accessed July 2026).

SETTING

This section provides the current YSAQMD attainment status, climate and air quality, ambient air quality monitoring results, and GHG emissions inventory.

ATTAINMENT STATUS

The proposed project is located in West Sacramento and is within the Sacramento Valley Air Basin (SVAB). The YSAQMD is one of the air districts responsible for air quality regulation within the SVAB region and specifically has authority over air quality in Yolo and Solano counties. The SVAB is designated as being in non-attainment of the NAAQS for O_3 and $PM_{2.5}$ and in non-attainment of the CAAQS for O_3, PM_{10}, and $PM_{2.5}$s.

Table D provides a summary of the attainment status for the SVAB with respect to NAAQS and CAAQS.

Table D: Sacramento Valley Air Basin Air Quality Attainment Status

Pollutant	Federal	State
Ozone (1-hour)	Nonattainment	Nonattainment
Ozone (8-hour)	Nonattainment	Nonattainment
PM_{10}	Nonattainment	Unclassified
$PM_{2.5}$	Unclassified	Attainment
Carbon Monoxide	Attainment	Attainment
Nitrogen Dioxide	Attainment	Attainment
Lead	Attainment	Attainment
Sulfur Dioxide	Attainment	Attainment
Sulfates	No Federal Standard	Attainment
Hydrogen Sulfide	No Federal Standard	Unclassified

Source: California Air Resources Board and USEPA (2023).
PM_{10} = particulate matter less than 10 microns in size
$PM_{2.5}$ = particulate matter less than 2.5 microns in size

EXISTING CLIMATE AND AIR QUALITY

Air quality is a function of both local climate and local sources of air pollution. The amount of a given pollutant in the atmosphere is determined by the amount of the pollutant released and the atmosphere's ability to transport and dilute the pollutant. The major determinants of transport and dilution are wind, atmospheric stability, terrain, and for photochemical pollutants, sunshine.

A region's topographic features have a direct correlation with air pollution flow and therefore are used to determine the boundary of air basins. The project site is located within the SVAB. The SVAB is bounded on the north by the Cascade Range, on the south by the San Joaquin Valley Air Basin, on the east by the Sierra Nevada, and on the west by the Coast Ranges. The SVAB contains all of Tehama, Glenn, Butte, Colusa, Yolo, Sutter, Yuba, Sacramento, and Shasta Counties, as well as portions of Solano and Placer Counties.

The SVAB has a Mediterranean climate characterized by hot, dry summers and cool, rainy winters. During winter, the north Pacific storm track intermittently dominates Sacramento Valley weather, and fair weather alternates with periods of extensive clouds and precipitation. Periods of dense and persistent low-level fog, which is most prevalent between storms, are also characteristic of winter weather in the valley. The frequency and persistence of heavy fog in the valley diminish with the approach of spring. The average yearly temperature range for the Sacramento Valley is 20°F to 115°F, with summer high temperatures often exceeding 90°F and winter temperatures occasionally dropping below freezing.

In general, the prevailing winds are moderate in strength and vary from moist clean breezes from the south to dry land flows from the north. The mountains surrounding the SVAB create a barrier to airflow that can trap air pollutants under certain meteorological conditions. The highest frequency of air stagnation occurs in the autumn and early winter when large high-pressure cells collect over the Sacramento Valley. The lack of surface wind during these periods and the reduced vertical flow caused by less surface heating reduce the influx of outside air and allow air pollutants to become concentrated in a stable volume of air. The surface concentrations of pollutants are highest when these conditions are combined with temperature inversions (warm air over cool air), which trap pollutants near the ground.

The ozone season (May through October) in the Sacramento Valley is characterized by stagnant morning air or light winds, with the Delta breeze arriving in the afternoon from the southwest. Usually the evening breeze transports the airborne pollutants northward out of the Sacramento Valley. During about half of the days from July to September, however, a phenomenon called the Schultz Eddy prevents this from occurring. Instead of allowing the prevailing wind patterns to move north carrying the pollutants out, the Schultz Eddy causes the wind pattern to circle back to the south. Essentially, this phenomenon causes the air pollutants to be blown south toward the Sacramento Valley and Yolo County. This phenomenon has the effect of exacerbating the pollution levels in the area. The Schultz Eddy normally dissipates around noon when the Delta Breeze arrives.

AIR QUALITY MONITORING RESULTS

Air quality monitoring stations are located throughout the State and are maintained by the local air pollution control district and overseen by CARB. The YSAQMD, together with the CARB, maintains ambient air quality monitoring stations in the SVAB. The air quality monitoring stations closest to the project area are UC Davis Campbell Road in Yolo County, 100 Bercut Drive and 1309 T Street in Sacramento, and Del Paso 2701 Avalon Drive in Sacramento County, California.

Pollutant monitoring results for 2022 to 2024 at the nearby ambient air quality monitoring stations, shown in **Table E**, indicate that air quality in the area has generally been good. As indicated in the monitoring results, the State PM_{10} standard was exceeded six times in 2022, two times in 2023, and at no time in 2024. In addition, the federal PM_{10} standard was not exceeded during the 3-year period. The federal $PM_{2.5}$ standard had one exceedance in 2023 and 2024 only. The State 1-hour ozone standard was also not exceeded in the 3-year period. The State 8-hour ozone standard had only one exceedance in 2022. Similarly, the federal 8-hour ozone standard was exceeded one time in 2022 only. The CO, NO_2, and SO_2 standards were not exceeded in this area during the 3-year period.

Table E: Ambient Air Quality at Nearby Monitoring Stations

Pollutant	Standard	2022	2023	2024
Carbon Monoxide (CO)[1]				
Maximum 1-hour concentration (ppm)		2.0	1.9	1.5
Number of days exceeded:	State: > 20 ppm	ND	ND	ND
	Federal: > 35 ppm	0	0	0
Maximum 8-hour concentration (ppm)		1.6	1.3	1.1
Number of days exceeded:	State: > 9 ppm	0	0	0
	Federal: > 9 ppm	0	0	0
Ozone (O_3)[2]				
Maximum 1-hour concentration (ppm)		0.078	0.080	0.077
Number of days exceeded:	State: > 0.09 ppm	0	0	0
Maximum 8-hour concentration (ppm)		0.071	0.068	0.069
Number of days exceeded:	State: > 0.07 ppm	1	0	0
	Federal: > 0.07 ppm	1	0	0
Coarse Particulates (PM_{10})[3]				
Maximum 24-hour concentration (µg/m^3)		61.3	61.9	49.7
Number of days exceeded:	State: > 50 µg/m^3	6	2	0
	Federal: > 150 µg/m^3	0	0	0
Annual arithmetic average concentration (µg/m^3)		21.0	ND	17.4
Exceeded for the year:	State: > 20 µg/m^3	Yes	ND	No
	Federal: > 50 µg/m^3	No	ND	No
Fine Particulates ($PM_{2.5}$)[3]				
Maximum 24-hour concentration (µg/m^3)		33.1	35.6	35.6
Number of days exceeded:	Federal: > 35 µg/m^3	0	1	1
Annual arithmetic average concentration (µg/m^3)		8.6	7.2	6.9
Exceeded for the year:	State: > 12 µg/m^3	No	No	No
	Federal > 9 µg/m^{3a}	No	No	No
Nitrogen Dioxide (NO_2)[2]				
Maximum 1-hour concentration (ppm)		0.027	0.022	0.025
Number of days exceeded:	State: > 0.250 ppm	0	0	0
Annual arithmetic average concentration (ppm)		ND	0.003	0.003
Exceeded for the year:	Federal: > 0.053 ppm	ND	No	No
Sulfur Dioxide (SO_2)[4]				
Maximum 1-hour concentration (ppm)		0.0028	0.0023	0.0024
Number of days exceeded:	State: > 0.25 ppm	0	0	0
Maximum 24-hour concentration (ppm)		0.0006	0.0011	0.0008
Number of days exceeded:	State: > 0.04 ppm	0	0	0
	Federal: > 0.14 ppm	0	0	0
Annual arithmetic average concentration (ppm)		0.00012	0.00012	0.0006
Exceeded for the year:	Federal: > 0.030 ppm	No	No	No

Sources: CARB (2025) and USEPA (2025).
Note: On February 7, 2024, the federal annual PM2.5 standard was revised from 12.0 µg/m3 to 9.0 µg/m3. Since the data presented in Table E are through 2024, it uses the 9.0 µg/m^3 standard.
[1] Data were taken from the 100 Bercut Drive Monitoring Station.
[2] Data were taken from the UC Davis Campbell Road Monitoring Station.
[3] Data were taken from the 1309 T Street Monitoring Station.
[4] Data were taken from the Del Paso 2701 Avalon Drive Monitoring Station
µg/m^3 = micrograms per cubic meter
CARB = California Air Resources Board
ND = No data. There were insufficient (or no) data to determine the value.
ppm = parts per million
USEPA = United States Environmental Protection Agency

GREENHOUSE GAS EMISSIONS INVENTORY

An emissions inventory that identifies and quantifies the primary human-generated sources and sinks of GHGs is a well-recognized and useful tool for addressing climate change. This section summarizes the latest information on global, United States, and California GHG emission inventories.

Global Emissions

Worldwide emissions of GHGs in 2020 totaled 22.9 billion metric tons (MT) of CO_2e. Global estimates are based on country inventories developed as part of the programs of the United Nations Framework Convention on Climate Change.[45]

United States Emissions

In 2022, the year for which the most recent data are available, the United States emitted about 6,343.2 MMT CO_2e. Overall, net emissions increased by 1.3 percent from 2021 to 2022 and decreased by 16.7 percent from 2005 levels. The increase in total GHG emissions was driven by an increase in CO_2 emissions from fossil fuel combustion.

In 2022, CO_2 emissions from fossil fuel combustion increased by 1 percent relative to the previous year. This increase in fossil fuel consumption emissions was due primarily to economic activity rebounding after the height of the COVID-19 pandemic. Of the five major sectors (e.g., residential and commercial, agricultural, industry, transportation, and electricity generation), transportation accounted for the highest amount of GHG emissions in 2022 (approximately 28 percent), with electricity generation second at 25 percent and emissions from industry third at 23 percent.[46]

State of California Emissions

The State emitted approximately 371.1 MMT CO_2e emissions in 2022, which was 9.3 MMT CO_2e lower than 2021 levels.[47] CARB estimates that transportation was the source of approximately 37.7 percent of the State's GHG emissions in 2022. The next largest sources included industrial sources at approximately 19.6 percent and electricity generation at 16.1 percent. The remaining sources of GHG emissions were commercial and residential activities at 10.6 percent, agriculture at 8.0 percent, high GWP at 5.7 percent, and waste at 2.2 percent.[48]

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45 United Nations Framework Convention on Climate Change (UNFCCC). 2021. GHG Data from UNFCCC. Website: unfccc.int/process-and-meetings/transparency-and-reporting/greenhouse-gas-data/ghg-data-unfccc/ghg-data-from-unfccc (accessed July 2026).

46 USEPA. 2024. Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2022. Website: https://www.epa.gov/system/files/documents/2024-04/us-ghg-inventory-2024-main-text_04-18-2024.pdf (accessed July 2026).

47 CARB. 2024. *California Greenhouse Gas Emissions for 2000 to 2022: Trends of Emissions and Other Indicators*. Website: https://ww2.arb.ca.gov/sites/default/files/2024-09/nc-2000_2022_ghg_inventory_trends.pdf (accessed July 2026).

48 Ibid.

METHODOLOGY

The methodology used to estimate air quality, energy, and GHG impacts is described below.

CONSTRUCTION EMISSIONS

Construction activities can generate a substantial amount of air pollution. Construction activities are considered temporary; however, short-term impacts can contribute to exceedances of air quality standards. Construction activities include site preparation, earthmoving, and general construction. The emissions generated from these common construction activities include fugitive dust from soil disturbance, fuel combustion from mobile heavy-duty diesel- and gasoline-powered equipment, portable auxiliary equipment, and worker commute trips.

The California Emissions Estimator Model (CalEEMod) Version 2022.1 computer program was used to calculate emissions from on-site construction equipment and emissions from worker and vehicle trips to the site. CalEEMod is a statewide land use emissions web model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutants associated with both construction and operation of a variety of land use projects. The model quantifies direct emissions from construction and operations (including vehicle use), as well as indirect emissions, such as greenhouse gas (GHG) emissions from energy use, solid waste disposal, vegetation planting and/or removal, and water use for land use developments and linear projects. Default data (e.g., emission factors, trip lengths, meteorology, source inventory, etc.) have been provided by the various California air districts to account for local requirements and conditions.

For the proposed project, the exact construction schedule is not yet known. However, construction of the proposed project is anticipated to begin in 2027 or 2028, commencing within 12 to 18 months of project approval. For purposes of this analysis, it is assumed that construction of the proposed project would begin in early 2027 and would last for 18 months, which was included in CalEEMod. This represents a conservative approach as it would produce a maximum amount of emissions for a shorter time frame, in comparison to a longer time frame (e.g., 3- to 5-years) which would see the same amount of emissions for the same level of activity spread over a longer period. Additionally, should construction commence at a later date, emissions would be similar or less than those evaluated herein due to technological advancements and increasingly stringent regulations. In addition, the proposed project would require a net total of 88,068 cubic yards of soil fill, which was included in CalEEMod. This analysis assumes the use of Tier 2 construction equipment. Other detailed construction information is currently unavailable; therefore, this analysis uses CalEEMod default assumptions. CalEEMod output sheets are included in Appendix A.

CONSTRUCTION HEALTH RISK ASSESSMENT

As described above, CalEEMod was used to calculate emissions from on-site construction equipment and emissions from worker and vehicle trips to the site. Based on the CalEEMod results, a construction HRA, which evaluates construction-period health risk to off-site receptors, was performed for the proposed project. To estimate the potential cancer risk associated with construction of the proposed project from equipment exhaust, a dispersion model was used to

translate an emission rate from the source location to a concentration at the receptor location of interest (i.e., a nearby residence and worksites). Dispersion modeling varies from a simpler, more conservative screening-level analysis to a more complex and refined detailed analysis. This refined assessment was conducted using air dispersion modeling performed using the USEPA dispersion model AERMOD. The model provides a detailed estimate of exhaust concentrations based on site and source geometry, source emissions strength, distance from the source to the receptor, and meteorological data. AERMOD input parameters are included in Appendix B.

For the purposes of this HRA, short-term emissions are of concern for analyzing acute health impacts, and long-term emissions are of concern for analyzing chronic and carcinogenic health impacts. A multi-pathway assessment has been conducted. This technique was chosen as recommended in the OEHHA *Air Toxic Hot Spots Program Risk Assessment Guidelines* and guidance from YSAQMD.

The HRA has been conducted using two models: (1) the USEPA's AERMOD air dispersion model to determine how the TACs would move through the atmosphere after release from sources both on site and on surrounding roadways; and (2) CARB's HARP2 model to translate the pollutant concentrations from AERMOD into individual health risks at any given sensitive receptor location surrounding the project site.

The OEHHA has determined that long-term exposure to diesel exhaust particulates poses the highest cancer risk of any TAC it has evaluated.[49] Exposure to diesel exhaust can also have immediate health effects. Diesel exhaust can irritate the eyes, nose, throat, and lungs, and it can cause coughs, headaches, lightheadedness, and nausea. In studies with human volunteers, DPM made people with allergies more susceptible to the materials to which they were allergic, such as dust and pollen. Exposure to DPM also causes inflammation in the lungs, which may aggravate chronic respiratory symptoms and increase the frequency or intensity of asthma attacks. For risk assessment procedures, the OEHHA specifies that the surrogate for whole diesel exhaust is DPM. The HRA analyses used PM_{10} emissions to represent DPM emissions, consistent with OEHHA guidance.

The conservative nature of this analysis is due primarily to the following three factors:

- The CARB-adopted diesel exhaust unit risk factor (URF) of 300 in 1 million per $\mu g/m^3$ is based on the upper 95^{th} percentile of estimated risk for each of the epidemiological studies used to develop the URF. Therefore, the risk factor is already representative of the conservative risk posed by DPM.

- The risk estimates assume sensitive receptors would be subject to DPM 24 hours per day, 350 days per year. As a conservative measure, YSAQMD does not recognize indoor adjustments for residents. However, typical people spend the majority of their time indoors versus remaining outdoors 24 hours per day, 350 days per year.

[49] OEHHA. 2001. *Health Effect of Diesel Exhaust.* Website: https://oehha.ca.gov/air/health-effects-diesel-exhaust (accessed July 2026)

- The exposure to DPM is assumed to be constant for the given period analyzed (i.e., 18 months). However, emissions from DPM are expected to substantially decrease in the future with the implementation of standard regulatory requirements and technological advancement to reduce DPM.

OPERATIONAL EMISSIONS

The air quality analysis includes estimating emissions associated with long-term operation of the proposed project. Consistent with the YSAQMD guidance for estimating emissions associated with land use development projects, the CalEEMod computer program was used to calculate the long-term operational emissions associated with the project.

As discussed in the Project Location and Description section, the proposed project would construct single-family units supported by integrated open space and associated site improvements. Therefore, the proposed project analysis was conducted using land use codes *Single Family Housing, City Park,* and *Other Asphalt Surfaces*. The *City Park* land use is used to represent the proposed open space area, and the *Other Asphalt Surfaces* land use represents paved area. Trip generation rates used in CalEEMod for the project were based on the project's trip generation, which identifies that the proposed project would generate approximately 2,422 daily trips.[50] The proposed project would be all-electric, and no natural gas use is anticipated for operations, which was assumed in CalEEMod. Where project-specific data were not available, default assumptions (e.g., fireplaces, energy usage, water usage, and solid waste generation) from CalEEMod were used to estimate project emissions. CalEEMod output sheets are included in Appendix A.

ENERGY USE

Fuel consumption (diesel fuel and gasoline) from vehicle trips during operation was estimated for the opening year (2028) of the proposed project based on trip estimates from the CalEEMod model and fuel efficiencies from the CARB EMFAC2025 model. Estimates of fuel consumption (diesel fuel and gasoline) from construction trucks and construction worker vehicles were based on trip estimates from the CalEEMod model and fuel efficiencies from the CARB EMFAC2025 model.

The analysis focuses on the three sources of energy that are relevant to the proposed project: electricity, the equipment fuel necessary for project construction, and vehicle fuel necessary for project operations. For the purposes of this analysis, the amount of electricity, construction fuel, and fuel use from operations are quantified and compared to that consumed in Yolo County. The electricity use of the proposed project was analyzed as a whole on an annual basis. Electricity was estimated using default energy intensities by land use type in CalEEMod.

50 LLG. 2025. *Transportation Study for 3425 Marshall Road Residential.* April 2.

GREENHOUSE GAS ANALYSIS

GHG emissions associated with the project would occur over the short term from construction activities, consisting primarily of emissions from equipment exhaust. There would also be long-term GHG emissions associated with project-related vehicular trips. Lead agencies should calculate or estimate emissions from vehicular traffic, energy consumption, water conveyance and treatment, waste generation, construction activities, and any other significant source of emissions within the project area. CalEEMod was used to quantify GHG emissions generated by the project.

THRESHOLDS OF SIGNIFICANCE

AIR QUALITY

The *State CEQA Guidelines* indicate that a project would normally have a significant adverse air quality impact if project-generated pollutant emissions would do any of the following:

- Conflict with or obstruct implementation of the applicable air quality plan;
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project is nonattainment under applicable federal or State ambient air quality standards;
- Expose sensitive receptors to substantial pollutant concentrations; or
- Result in other emissions (such as those leading to odors) affecting a substantial number of people.

Regional Emissions Thresholds

In developing thresholds of significance for air pollutants, the YSAQMD considered the emission levels for which a project's individual emissions would be cumulatively considerable. If a project exceeds the identified significance thresholds, its emissions would be cumulatively considerable, resulting in significant adverse air quality impacts to the region's existing air quality conditions. To meet these standards, the YSAQMD has established project-level thresholds for criteria pollutant emissions generated during both construction and operation of projects as shown in **Table F**, below.

Table F: YSAQMD Thresholds of Significance for Criteria Pollutants

Pollutant	Thresholds of Significance
ROG	10 tons per year
NO_x	10 tons per year
PM_{10}	80 pounds per day
CO	Violation of a State ambient air quality standard for CO

Source: YSAQMD, 2007. *Handbook for Assessing and Mitigating Air Quality Impacts.* July 11. Website: https://www.ysaqmd.org/wp-content/uploads/Planning/CEQAHandbook2007.pdf (accessed July 2026).
CO = carbon monoxide
NO_x = nitrogen oxide
PM_{10} = particulate matter less than 10 microns in size
ROG = reactive organic gases
YSAQMD = Yolo-Solano Air Quality Management District

Local Microscale Concentration Standards

The significance of localized project impacts under CEQA depends on whether ambient CO levels in the vicinity of the project are above or below State and federal CO standards. Because ambient CO levels are below the standards throughout the SVAB, a project would be considered to have a

significant CO impact if project emissions result in an exceedance of one or more of the 1-hour or 8-hour standards. The following are applicable local emission concentration standards for CO:

- California State 1-hour CO standard of 20 parts per million (ppm).
- California State 8-hour CO standard of 9 ppm.

Health Risk Thresholds

Both the State and federal governments have established health-based AAQS for seven air pollutants. For other air pollutants without defined significance standards, the definition of substantial pollutant concentrations varies. For TACs, "substantial" is taken to mean that the individual health risk exceeds a threshold considered to be a prudent risk management level.

The following limits for maximum individual cancer risk (MICR) and noncancer acute and chronic Hazard Index (HI) from project emissions of TACs are considered appropriate for use in determining the health risk for projects in the SVAB:

- **MICR:** MICR is the estimated probability of a maximum exposed individual (MEI) contracting cancer as a result of exposure to TACs over a period of 30 years for adults and 9 years for children in residential locations, for the duration of the construction period (i.e., 18 months). The project would be considered significant if an HRA shows an increased risk of greater than 10 in 1 million.

- **Chronic HI:** Chronic HI is the ratio of the estimated long-term level of exposure to a TAC for a potential MEI to its chronic reference exposure level. The chronic HI calculations include multi-pathway consideration when applicable. The project would be considered significant if the cumulative increase in total chronic HI for any target organ system would exceed 1.0 at any receptor location.

- **Acute HI:** Acute HI is the ratio of the estimated maximum 1-hour concentration of a TAC for a potential MEI to its acute reference exposure level. The project would be considered significant if the cumulative increase in total acute HI for any target organ system would exceed 1.0 at any receptor location.

ENERGY

The thresholds for energy impacts used in this analysis are consistent with Appendix G of the *State CEQA Guidelines*. The proposed project may be deemed to have a significant impact with respect to energy resources if it would:

- Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation.

- Conflict with or obstruct a State or local plan for renewable energy or energy efficiency.

GREENHOUSE GAS THRESHOLDS

The *State CEQA Guidelines* indicate that a project would normally have a significant adverse GHG emission impact if the project would:

- Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment; or

- Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs.

Section 15064.4 of the *State CEQA Guidelines* states that "A lead agency should make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate the amount of greenhouse gas emissions resulting from a project." In performing that analysis, the lead agency has discretion to determine whether to use a model or methodology to quantify GHG emissions or to rely on a qualitative analysis or performance-based standards. In making a determination as to the significance of potential impacts, the lead agency then considers the extent to which the project may increase or reduce GHG emissions as compared to the existing environmental setting, whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project, and the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions.

The YSAQMD does not have an adopted threshold of significance for GHG-related emissions. Therefore, consistent with the *State CEQA Guidelines*, Section 15183.5, if a project is consistent with an adopted qualified Greenhouse Gas Reduction Strategy that meets the standards, it can be presumed that the project would not have significant GHG emission impacts. The City of West Sacramento CAAP meets the requirements of *State CEQA Guidelines*, Section 15183.5; therefore, the proposed project will be evaluated for consistency with the City's CAAP. The City's CAAP describes development of the City's 2030 and 2045 reduction targets, detailing their consistency with State legislation and executive orders and establishes that meeting the reduction targets would avoid cumulatively considerable effects. The CAAP includes a range of GHG reduction measures, implementation of which would enable the City to meet its 2035 GHG emissions reduction target. Projects that are consistent with the goals and reduction measures of the City's CAAP would not generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment.

IMPACTS ANALYSIS

This section identifies the air quality and GHG emissions impacts associated with implementation of the proposed project.

AIR QUALITY IMPACTS

Air pollutant emissions associated with the project would occur over the short term from construction activities and over the long term from operational activities associated with the proposed project.

Consistency with Applicable Air Quality Plans

In compliance with the *State CEQA Guidelines*, the analysis below evaluates whether implementation of the proposed project would conflict with or otherwise obstruct implementation of regional air quality plans. An air quality plan describes air pollution control strategies to be implemented by a city, county, or region classified as a nonattainment area. The applicable air quality plan is the 2017 Sacramento Regional 2008 8-Hour Ozone and Further Reasonable Progress Plan (2017 Ozone Plan). Consistency with the 2017 Ozone Plan can be determined if the proposed project supports the goals of the plan, includes applicable control measures from the plan, and would not disrupt or hinder implementation of any control measures from the plan. For air quality planning purposes, the 2017 Ozone Plan contains emissions inventories based on existing and foreseeable future land uses within the planning area. If a new project is consistent with the planned land use designation that was considered in the forecasts used to develop an air quality management plan, the project would be considered consistent with the buildout assumptions and, as a result, would not conflict with nor obstruct implementation of the applicable air quality management plan. Generally, the local general plan is used in preparation of regional air quality management plans. In that case, a project's conformance with a local general plan land use designation demonstrates that the project would not conflict with or obstruct implementation of the air quality management plan.

As discussed in the Project Location and Description Section, the proposed project would require a General Plan Amendment to the City's existing General Plan and an amendment to the Southport Framework Plan to change the designations from Rural Estates (RE) to Low-Density Residential (LR). It would also require a Zoning Map/Code amendment to rezone the site from RE to Residential One Family (R-1-A). The proposed project involves the construction of 259 new residential lots and associated improvements on the project site. The City's 2021-2029 Housing Element Update reports 2.8 residents per household in West Sacramento;[51] therefore, the development of 259 residential estates could house approximately 725 residents. The City Housing Element estimates that the city will grow to 87,999 residents by 2040, an increase of 65 percent from the 2016 baseline. Correspondingly, the number of households is also projected to increase by 84 percent in the City and 34.3 percent in the County overall. Thus, the additional 725 new residents necessitated by the

[51] City of West Sacramento. 2021. *2021-2029 Housing Element Update, Table A-6.* Website: https://www.cityofwestsacramento.org/home/showpublisheddocument/12221/637619619413930000 (accessed July 2026).

proposed project would represent approximately 0.8 percent of the projected 2040 population.[52] This level of growth is also well within the City's projections in the SACOG 2020-2050 Metropolitan Transportation Plan/Sustainable Communities Strategy (2025 Blueprint Plan), which identifies the City's housing is projected to increase by 15,880 units from 2020 to 2050.[53] As such, the additional 259 new units would represent approximately 1.6 percent of the anticipated housing growth from 2020 to 2050 in the SACOG 2025 Blueprint Plan.[54] Therefore, the proposed project would be consistent with the 2025 Blueprint Plan and the population growth assumptions for the region, and the land use assumptions in the 2017 Ozone Plan.

Additionally, as discussed in further detail below, construction of the proposed project would not result in the generation of criteria air pollutants that would exceed YSAQMD thresholds of significance. Thresholds of significance are intended to help identify whether a project is consistent with the applicable air quality management plan. The YSAQMD requires implementation of Rule 2.11 for PM control during construction. These control measures are intended to reduce the amount of PM_{10} emissions during the construction period. Implementation of the fugitive dust control measures outlined in Regulatory Measure AIR-1 would ensure that the proposed project complies with Rule 2.11, further reducing the short-term construction-period air quality impacts.

As discussed in the following sections, emissions associated with both construction and operational phases of the proposed project would not exceed YSAQMD-established significance thresholds. As a result, with implementation of Regulatory Measure AIR-1, the proposed project would not conflict with or obstruct implementation of applicable air quality plans.

Criteria Pollutant Analysis

The SVAB is designated as being in non-attainment of the NAAQS for O_3 and $PM_{2.5}$ and in non-attainment of the CAAQS for O_3, PM_{10}, and $PM_{2.5}$. The YSAQMD non-attainment status is attributed to the region's development history. Past, present, and future development projects contribute to the region's adverse air quality impacts on a cumulative basis. By its very nature, air pollution is largely a cumulative impact. No single project is sufficient in size to, by itself, result in non-attainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. If a project's contribution to the cumulative impact is considerable, then the project's impact on air quality would be considered significant.

In developing thresholds of significance for air pollutants, the YSAQMD considered the emission levels for which a project's individual emissions would be cumulatively considerable. If a project exceeds the identified significance thresholds, its emissions would be cumulatively considerable,

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52 (725 persons from the proposed project/ 87,999 2040 projected population) x 100 = 0.8 percent of total 2040 population

53 SACOG. 2025. *2025 Blueprint (MTP/SCS), Appendix C: 2025 Blueprint Land Use Forecast.* Website: https://www.sacog.org/home/showpublisheddocument/3297/638975101112800000 (accessed July 2026).

54 (259 units from the proposed project/ 15,880 total projected housing growth) × 100 = 1.6 percent of total projected housing growth

resulting in significant adverse air quality impacts to the region's existing air quality conditions. The following analysis assesses the potential construction- and operation-related air quality impacts.

Construction Emissions

During construction, short-term degradation of air quality may occur due to the release of criteria pollutant emissions generated by grading, paving, building, and other activities that involve heavy equipment use. Emissions from construction equipment also include TACs such as diesel exhaust particulate matter.

Construction activities associated with the proposed project would include site preparation, grading, paving, and building activities. Construction-related effects on air quality from the proposed project would be greatest during the site preparation phase due to the disturbance of soils. If not properly controlled, these activities would temporarily generate particulate emissions. Sources of fugitive dust would include disturbed soils at the construction site. Unless properly controlled, vehicles leaving the site may deposit dirt and mud on local streets, which could be an additional source of airborne dust after it dries. PM_{10} emissions would vary from day to day, depending on the nature and magnitude of construction activity and local weather conditions. PM_{10} emissions would depend on soil moisture, silt content of soil, wind speed, and the amount of operating equipment. Larger dust particles would settle near the source, while fine particles would be dispersed over greater distances from the construction site.

Water or other soil stabilizers can be used to control dust, resulting in emission reductions of 50 percent or more. The YSAQMD has implemented Rule 2.11 measures for reducing particulate matter emissions. With the implementation of Rule 2.11, fugitive dust emissions from construction activities would not result in adverse air quality impacts.

In addition to dust-related PM_{10} emissions, heavy trucks and construction equipment powered by gasoline and diesel engines would generate CO, SO_2, NO_x, ROG, and $PM_{2.5}$ and PM_{10} in exhaust emissions. If construction activities were to increase traffic congestion in the area, CO and other emissions from traffic would increase slightly while those vehicles idle in traffic. These emissions would be temporary in nature and limited to the immediate area surrounding the construction site.

Construction emissions were estimated for the project using CalEEMod and are summarized in **Table G**. Appendix A provides CalEEMod output sheets.

As shown in Table G, maximum daily emissions from project construction would be 9.0 pounds per day for PM_{10}, which is below the significance threshold of 80 pounds per day for PM_{10}. Additionally, as shown in Table G, the annual emissions from project construction would be 0.2 tons per year for ROG and 4.4 tons per year for NO_X, which are below the threshold of 10 tons per year for ROG and NO_X. In addition to the construction period thresholds of significance, the YSAQMD has recommended measures for dust control during construction. Implementation of Regulatory Measure AIR-1 would ensure that the proposed project complies with Rule 2.11.

Table G: Short-Term Regional Construction Emissions

Construction Year	Pollutant Emissions					
	ROG	NO_x	CO	SO_X	PM_{10}	$PM_{2.5}$
Maximum Daily Emissions (pounds per day)						
2027	1.7	62.9	41.0	0.1	9.3	5.0
2028	40.3	22.0	21.7	<0.1	2.1	1.1
YSAQMD Threshold	N/A	N/A	N/A	N/A	80	N/A
Above Threshold?	**N/A**	**N/A**	**N/A**	**N/A**	**No**	**N/A**
Annual Emissions (tons per year)						
2027	0.2	4.4	3.3	<0.1	0.6	0.3
2028	2.1	1.2	1.1	<0.1	0.1	0.1
YSAQMD Threshold	10.0	10.0	N/A	N/A	N/A	N/A
Significant?	**No**	**No**	**N/A**	**N/A**	**N/A**	**N/A**

Source: Compiled by LSA (July 2026).
CO = carbon monoxide
N/A = not applicable
NO_x = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size
ROG = reactive organic gas
SO_x = sulfur oxides
YSAQMD = Yolo Solano Air Quality Management District

Regulatory Measure AIR-1 The City or construction contractor shall implement the following measures at the project site:

- Water all active construction sites at least twice daily. Frequency shall be based on the type of operation, soil, and wind exposure.
- Haul trucks shall maintain at least 2 feet of freeboard;
- Cover all trucks hauling dirt, sand, or loose materials;
- Apply non-toxic binders (e.g., latex acrylic copolymer) to exposed areas after cut and fill operations and hydroseed area;
- Apply chemical soil stabilizers on inactive construction areas (disturbed lands within construction projects that are unused for at least four consecutive days);
- Plant tree windbreaks on the windward perimeter of construction projects if adjacent to open land;
- Plant vegetative ground cover in disturbed areas as soon as possible;
- Cover inactive storage piles;
- Sweep streets if visible soil material is carried out from the construction site;

- Treat accesses to a distance of 100 feet from the paved road with a 6 to 12 inch layer of wood chips or mulch; and
- Treat accesses to a distance of 100 feet from the paved road with a 6- to 12-inch layer of wood chips or mulch or 6-inch layer of gravel.

Construction emissions associated with the proposed project would be less than significant with implementation of Regulatory Measure AIR-1. Therefore, construction of the proposed project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or State ambient air quality standard.

Operational Air Quality Impacts

Long-term air pollutant emission impacts associated with the proposed project are those related to mobile sources (e.g., vehicle trips) and area sources (e.g., architectural coatings and the use of landscape maintenance equipment). The proposed project would be designed and operated as an all-electric development. Therefore, no on-site combustion of natural gas or other fuel sources would occur, and no operational criteria pollutant emissions associated with energy use would be generated.

Mobile source emissions include ROG and NO_X emissions that contribute to the formation of ozone. Additionally, PM_{10} emissions result from running exhaust, tire and brake wear, and the entrainment of dust into the atmosphere from vehicles traveling on paved roadways.

Typically, area source emissions consist of direct sources of air emissions located at the project site, including architectural coatings and the use of landscape maintenance equipment. Area source emissions associated with the project would include emissions from the use of landscaping equipment and the use of consumer products.

Long-term operational emissions associated with the proposed project were calculated using CalEEMod. **Table H** provides the proposed project's estimated operational emissions. Appendix A provides CalEEMod output sheets.

The results shown in **Table H** indicate the proposed project would not exceed the significance criteria for daily ROG NO_X, and PM_{10} emissions. Therefore, operation of the proposed project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in nonattainment under an applicable federal or State AAQS.

Table H: Project Operational Emissions

Emission Type	Pollutant Emissions					
	ROG	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Daily Emissions (pounds per day)						
Mobile Sources	11.0	13.1	110.4	0.3	22.5	5.9
Area Sources	13.3	0.1	14.7	<0.1	<0.1	<0.1
Energy Sources	0.0	0.0	0.0	0.0	0.0	0.0
Total Project Emissions	**24.3**	**13.2**	**125.1**	**0.3**	**22.5**	**5.9**
YSAQMD Threshold	N/A	N/A	N/A	N/A	80	N/A
Above Threshold?	**N/A**	**N/A**	**N/A**	**N/A**	**No**	**N/A**
Annual Emissions (tons per year)						
Mobile Sources	1.8	2.2	17.0	<0.1	4.1	1.1
Area Sources	2.3	<0.1	1.3	<0.1	<0.1	<0.1
Energy Sources	0.0	0.0	0.0	0.0	0.0	0.0
Total Project Emissions	**4.1**	**2.2**	**18.3**	**<0.1**	**4.1**	**1.1**
YSAQMD Threshold	10.0	10.0	N/A	N/A	N/A	N/A
Significant?	**No**	**No**	**N/A**	**N/A**	**N/A**	**N/A**

Source: Compiled by LSA (July 2026).
Note: Some values may not appear to add correctly due to rounding.
CO = carbon monoxide
N/A = not applicable
NO_x = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size
ROG = reactive organic gas
SO_x = sulfur oxides
YSAQMD = Yolo-Solano Air Quality Management District

Long-Term Microscale (CO Hot Spot) Analysis

Vehicular trips associated with the proposed project would contribute to congestion at intersections and along roadway segments in the vicinity of the proposed project site. Localized air quality impacts would occur when emissions from vehicular traffic increase as a result of the proposed project. The primary mobile-source pollutant of local concern is CO, a direct function of vehicle idling time and, thus, of traffic flow conditions. CO transport is extremely limited; under normal meteorological conditions, it disperses rapidly with distance from the source. However, under certain extreme meteorological conditions, CO concentrations near a congested roadway or intersection may reach unhealthful levels, affecting local sensitive receptors (e.g., residents, schoolchildren, the elderly, and hospital patients).

Typically, high CO concentrations are associated with roadways or intersections operating at unacceptable levels of service or with extremely high traffic volumes. In areas with high ambient background CO concentrations, modeling is recommended to determine a project's effect on local CO levels.

An assessment of project-related impacts on localized ambient air quality requires that future ambient air quality levels be projected. Ambient CO levels monitored at the 100 Bercut Drive air quality monitoring station, the closest station to the project site monitoring CO, showed a highest recorded 1-hour concentration of 2.0 ppm (the State standard is 20 ppm) and a highest 8-hour concentration of 1.6 ppm (the State standard is 9 ppm) during the past 3 years (Table E). The highest CO concentrations would normally occur during peak traffic hours; hence, CO impacts calculated under peak traffic conditions represent a worst-case analysis.

As part of its CEQA Air Quality Guidelines[55], the YSAQMD provides a screening methodology based on peak hourly traffic volumes to evaluate potential impacts of CO emissions from mobile sources. If either of the following criteria is true of any intersection affected by the project traffic, then the project can be said to have the potential to create a violation of the CO standard:

- A traffic study for the project indicates that the peak-hour Level of Service (LOS) on one or more streets or at one or more intersections in the project vicinity will be reduced to an unacceptable LOS (typically LOS E or F); or

- A traffic study indicates that the project will substantially worsen an already existing peak-hour LOS F on one or more streets or at one or more intersections in the project vicinity. "Substantially worsen" includes situations where delay would increase by 10 seconds or more when project-generated traffic is included.

The proposed project would result in 178 AM peak hour trips and 244 PM peak hour trips. As described in the *Transportation Study*,[56] implementation of the proposed project would not substantially change the LOS at the study intersections. As noted in the Transportation Study, the Rivermont Street-Allen Drive/Marshall Road intersection is projected to operate at LOS F (AM peak hour conditions) under existing plus project conditions. However, the City plans to install an all-way stop control at the intersection to improve operational efficiency and traffic circulation. This would improve LOS to level B. All other study intersections would continue to operate at a LOS C or better, which does not conflict with the City's policy regarding the level of service performance of the circulation system. Accordingly, the proposed project would not be expected to result in substantial traffic congestion or vehicle queuing beyond existing conditions, and would not create conditions that would be conducive to the formation of a localized CO hotspot. Therefore, the proposed project would not result in a significant impact related to CO hotspots.

Health Risk on Nearby Sensitive Receptors

Sensitive receptors are defined as residential uses, schools, daycare centers, nursing homes, and medical centers. Individuals particularly vulnerable to diesel particulate matter are children, whose lung tissue is still developing, and the elderly, who may have serious health problems that can be aggravated by exposure to diesel particulate matter. The project site is surrounded primarily by agricultural and residential uses. The closest sensitive receptors to the project site include single-family residences located immediately south and west at approximately 25 feet as measured from the project boundary to the building façade. Other nearby sensitive receptors include the single-family residences located east and north of the project site at approximately 56 feet and 50 feet, respectively. The closest worker receptor is located east of the project site along Otis Avenue at approximately 57 feet. The nearest school is located north of the project site at approximately 1,728 feet from the project northern boundary to the school's property line.

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55 Yolo-Solano AQMD. *Handbook for Assessing and Mitigating Air Quality Impacts*. July 2007. Webpage: https://www.ysaqmd.org/wp-content/uploads/Planning/CEQAHandbook2007.pdf (accessed July 2026)

56 LLG. 2026. *Transportation Study for 3425 Marshall Road Residentia*l. May 14.

Construction Health Risk

The proposed project would construct single-family units supported by integrated open space and associated site improvements. The OEHHA *Air Toxic Hot Spots Program Risk Assessment Guidelines*[57] has determined that long-term exposure to diesel exhaust particulates poses the highest cancer risk of any TAC it has evaluated. In addition, CARB has also identified DPM emitted by off-road and diesel-fueled engines as a TAC.[58] As such, the TAC of concern would be DPM associated with the use of diesel engines during project construction and operation. For risk assessment procedures, the OEHHA specifies that the surrogate for whole diesel exhaust is DPM. HRA analyses typically use PM_{10} emissions to represent DPM emissions, consistent with OEHHA guidance.

A construction HRA, which evaluates construction-period health risk to off-site receptors, was performed for the proposed project. **Table I**, below, identifies the results of the analysis assuming the use of Tier 2 construction equipment as proposed by the project. Model snapshots of the sources are shown in Appendix B.

Table I: Health Risks from Project Construction to Off-Site Receptors

Location	Carcinogenic Inhalation Health Risk in 1 Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index
Residential Receptor Risk	11.13	0.011	0.000
Worker Receptor Risk	0.11	0.006	0.000
School Receptor Risk	0.22	<0.001	0.000
YSAQMD Significance Threshold	**10.0 in one million**	**1.0**	**1.0**
Significant?	**Yes**	**No**	**No**

Source: LSA (July 2026).
YSAQMD = Yolo-Solano Air Quality Management District

As shown in **Table I**, the maximum cancer risk for the residential MEI would be 11.13 in one million, which would exceed the YSAQMD cancer risk threshold of 10 in one million. The worker receptor risk would be lower at 0.11 in one million and the school receptor risk would be 0.22 in one million, which would not exceed the YSAQMD cancer risk thresholds. The total chronic hazard index would be 0.011 for the residential MEI, 0.006 for the worker MEI, and less than 0.001 for the school MEI, which are all below the threshold of 1.0. In addition, the total acute hazard index would be nominal (0.000), which would also not exceed the threshold of 1.0. Therefore, implementation of Mitigation Measure AIR-1 would be required to reduce construction cancer risk.

Mitigation Measure AIR-1 All off-road diesel-powered construction equipment of 25 horsepower or more used during construction of the proposed project shall be equipped with Tier 3 engines or higher, as certified by the California Air Resources Board. The equipment shall be

57 OEHHA. 2015. *Air Toxic Hot Spots Program – Risk Assessment Guidelines*. February. Website: https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf (accessed July 2026).

58 CARB. 2025. Overview: Diesel Exhaust and Health. Website: https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health (accessed July 2026).

properly maintained and tuned in accordance with manufacturer specifications. Prior to issuance of building permits, the project Applicant shall submit construction plans to the City of West Sacramento denoting the projected equipment Tier rating that will be used during the construction period.

As shown in **Table J**, with the implementation of Mitigation Measure AIR-1 the maximum cancer risk for the residential MEI would be 9.07 in 1 million, which would not exceed the YSAQMD cancer risk threshold of 10 in 1 million. Therefore, with implementation of Mitigation Measure AIR-1, construction of the proposed project would not exceed YSAQMD thresholds and would not expose nearby sensitive receptors to a significant health risk.

Table J: Mitigated Health Risks from Project Construction to Off-Site Receptors

Location	Carcinogenic Inhalation Health Risk in 1 Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index
Residential Receptor Risk	9.07	0.009	0.000
Worker Receptor Risk	0.09	0.005	0.000
School Receptor Risk	0.18	<0.001	0.000
YSAQMD Significance Threshold	**10.0 in one million**	**1.0**	**1.0**
Significant?	**No**	**No**	**No**

Source: Compiled by LSA (July 2026).
YSAQMD = Yolo-Solano Air Quality Management District

Operational Health Risk

The proposed project would include the construction of a 259-unit single-family residential development. As identified in Table H, project operational emissions of criteria pollutants would be below YSAQMD significance thresholds; thus, they are not likely to have a significant impact on sensitive receptors. Compliance with YSAQMD rules would further limit doses and exposures, reducing potential health risk related to vehicle and equipment emissions to a level that is not significant. Once the proposed project is constructed, the proposed project would not be a source of substantial emissions. Therefore, implementation of the proposed project would not result in new sources of TACs. Therefore, the project would not expose sensitive receptors to substantial levels of TACs.

Odors

The occurrence and severity of potential odor impacts depends on numerous factors. The nature, frequency, and intensity of the source, the wind speeds and direction, and the sensitivity of the receiving location each contribute to the intensity of the impact. While offensive odors rarely cause any physical harm, they can be unpleasant and cause distress among the public and generate citizen complaints.

During construction, diesel exhaust from construction equipment would generate some odors. However, construction-related odors would be temporary and would not persist upon construction

completion. Once operational, the proposed project would not include any sources of odor emissions; therefore, operation of the proposed project would not generate any odor impacts. The proposed project would not result in other emissions (such as those leading to odors) adversely affecting a substantial number of people. Therefore, this impact would be less than significant.

Naturally Occurring Asbestos

The project is in Yolo County, which is among the counties found to have serpentine and ultramafic rock in their soils.[59] However, according to the California Geological Survey, no such rock has been identified in the project vicinity. When demolition is proposed during construction, the demolition of existing buildings may expose asbestos used in building materials. However, the proposed project would not involve any demolition or renovation as no current development exists on the project site. Therefore, the potential risk for naturally occurring asbestos during project construction is small and would not be significant.

ENERGY IMPACTS

The following describes the potential impacts regarding energy resources that could result from implementation of the proposed project.

Energy Consumption

The proposed project would increase the demand for energy through day-to-day operations and fuel consumption associated with project construction. This section discusses energy use resulting from implementation of the proposed project and evaluates whether the proposed project would result in the wasteful, inefficient, or unnecessary consumption of energy resources or conflict with any applicable plans for renewable energy and energy efficiency.

Construction Energy Use

Construction of the proposed project is anticipated to be completed in approximately 18 months. As described above, this represents a conservative approach as it would produce a maximum amount of daily emissions for a shorter time frame, in comparison to a longer time frame (e.g., 3- to 5-years) which would see the same amount of emissions for the same level of activity spread over a longer period. The threshold for construction emissions is based on a peak daily emission rate, so evaluating the shortest possible timeframe results in the maximum anticipated emissions. The proposed project would require energy for activities such as the manufacture and transportation of building materials, grading activities, and building construction. The construction-related equipment would not be powered by natural gas, and no natural gas demand is anticipated during construction.

Transportation energy represents the largest energy use during construction and would occur from the transport and use of construction equipment, delivery vehicles and haul trucks, and construction worker vehicles that would use petroleum fuels (e.g., diesel fuel and/or gasoline). Therefore, the analysis of energy use during construction focuses on fuel consumption. Construction trucks and vendor trucks hauling materials to and from the project site would be anticipated to use diesel fuel,

[59] California Department of Conservation (DOC). n.d. California Geological Survey. Asbestos. Website: https://www.conservation.ca.gov/cgs/minerals/mineral-hazards (accessed July 2026).

whereas construction workers traveling to and from the project site would be anticipated to use gasoline-powered vehicles. Fuel consumption from transportation uses depends on the type and number of trips, VMT, the fuel efficiency of the vehicles, and the travel mode.

Estimates of fuel consumption (diesel fuel and gasoline) from construction equipment, construction trucks, and construction worker vehicles were based on default construction equipment assumptions and trip estimates from CalEEMod and fuel efficiencies from EMFAC2025. Fuel consumption estimates are presented in **Table K**. CalEEMod output sheets are included in Appendix A, and detailed energy calculations are included in Appendix C.

Table K: Energy Consumption Estimates During Construction

Energy Type	Total Energy Consumption	Percentage Increase Countywide in 2027
Total Fuel Consumption		
Diesel Fuel (total gallons)	140,590.0	-
Gasoline (total gallons)	32,508.7	-
Annual Fuel Consumption		
Diesel Fuel (total gallons)	93,726.7	0.3
Gasoline (total gallons)	21,672.5	<0.1

Source: Compiled by LSA (July 2026).

As indicated in Table K, the proposed project would consume a total of approximately 140,590.0 gallons of diesel fuel and approximately 32,508.7 gallons of gasoline during the construction period. Construction of the proposed project is anticipated to occur for 18 months. Therefore, when averaged over the 18-month construction period (1.5 years), the proposed project is estimated to consume approximately 93,726.7 gallons of diesel fuel and approximately 21,672.5 gallons of gasoline per year. Based on fuel consumption obtained from EMFAC2025, approximately 74.7 million gallons of gasoline and approximately 34.7 million gallons of diesel will be consumed from vehicle trips in Yolo County in 2027. Therefore, the proposed project would increase the annual construction-generated fuel use in Yolo County by approximately 0.3 percent for diesel fuel usage and by approximately less than 0.1 percent for gasoline fuel usage. As such, project construction would have a negligible effect on local and regional energy supplies. Furthermore, impacts related to energy use during construction would be temporary and relatively small in comparison to Yolo County's overall use of the State's available energy resources. No unusual project characteristics would necessitate the use of construction equipment that would be less energy efficient than at comparable construction sites in the region or the State. In addition, construction activities are not anticipated to result in an inefficient use of energy because gasoline and diesel fuel would be supplied by construction contractors who generally are incentivized for efficient fuel use to minimize their costs on the project. The proposed project would not cause or result in the need for additional energy facilities or an additional or expanded delivery system. For these reasons, fuel consumption during construction of the proposed project would not be inefficient, wasteful, or unnecessary.

Operational Energy Use

Operational energy use is typically associated with natural gas use, electricity consumption, and fuel used for vehicle trips associated with a project. The proposed project would be all-electric, and no natural gas use is anticipated for operations. Energy consumption was estimated for the proposed project using default energy intensities by land use type in CalEEMod.

The proposed project would also result in energy usage associated with gasoline and diesel fuel consumed by project-related vehicle and truck trips. Fuel use associated with vehicle and truck trips generated by the proposed project were calculated based on the project's trip generation,[60] which identifies that the proposed project would generate approximately 2,422 daily trips. The amount of operational fuel use was estimated using CARB's EMFAC2025 model, which provided projections for typical daily fuel usage in Yolo County.

Electricity and fuel usage estimates associated with operation of the proposed project are shown in **Table L**.

Table L: Energy Consumption Estimates During Operation

Energy Type	Annual Energy Consumption
Electricity Consumption (kWh/year)	4,416,340.0
Gasoline (gallons/year)	469,540.7
Diesel Fuel (gallons/year)	65,028.3

Source: Compiled by LSA (July 2026).
kWh = kilowatt-hours

As shown in Table L, the estimated potential increase in electricity demand associated with the operation of the proposed project is 4,416,340 kWh per year. Total electricity consumption in Yolo County in 2024 was 1,825 GWh (or 1,825,000,000 kWh). Therefore, operation of the proposed project would increase the annual electricity consumption in Yolo County by approximately 0.2 percent.

Electrical demand associated with project operations would not be considered inefficient, wasteful, or unnecessary in comparison to other similar developments in the region. Furthermore, the proposed project would not conflict with or obstruct a State or local plan for renewable energy or energy efficiency. The proposed project would also be required to adhere to all federal, State, and local requirements for energy efficiency, including the Title 24 standards. Title 24 building energy efficiency standards establish minimum efficiency standards related to various building features. The proposed residential units would feature passive use solar heating and cooling, natural ventilation, energy-efficient windows, solar roofs, green roofs, or cool roof systems, and energy-efficient home appliances, which would further reduce energy usage. The proposed project would also be designed to be all-electric and will not include the use of natural gas.

60 LLG. 2025. *Transportation Study for 3425 Marshall Road Residential*. April 2.

As shown in Table L, the increase in fuel use associated with the vehicle trips generated by the proposed project is estimated at 469,540.7 gallons of gasoline and 65,028.3 gallons of diesel fuel per year. This analysis conservatively assumes that all vehicle trips generated as a result of project operation would be new to Yolo County. Based on fuel consumption obtained from EMFAC2025, approximately 77.8 million gallons of gasoline and approximately 34.4 million gallons of diesel will be consumed from vehicle trips in Yolo County in 2028. Therefore, vehicle and truck trips associated with the proposed project would increase the annual fuel use in Yolo County by 0.6 percent for gasoline fuel usage and by approximately 0.2 percent for diesel fuel usage. In addition, the proposed project would also be designed to support alternative modes of transportation by including open space and pedestrian infrastructure which would improve street connectivity. Therefore, the proposed project would promote overall mobility within the project site. Therefore, fuel consumption associated with vehicle trips generated by the proposed project operations would not be considered inefficient, wasteful, or unnecessary in comparison to other similar developments in the region.

Conflicts with Renewable Energy or Energy Efficiency Plans

In 2002, the Legislature passed SB 1389, which required the CEC to develop an integrated energy plan every 2 years for electricity, natural gas, and transportation fuels for the Integrated Energy Policy Report. The plan calls for the State to assist in the transformation of the transportation system to improve air quality, reduce congestion, and increase the efficient use of fuel supplies with the least environmental and energy costs. To further this policy, the plan identifies a number of strategies, including assistance to public agencies and fleet operators in implementing incentive programs for ZEVs and their infrastructure needs, and encouragement of urban designs that reduce VMT and accommodate pedestrian and bicycle access.

The CEC's *2024 Integrated Energy Policy Report Update* provides the results of the CEC's assessments of a variety of energy issues facing California. As indicated above, energy usage during construction of the proposed project would be temporary in nature and relatively small in comparison to the overall use in Yolo County. In addition, energy usage associated with operation of the proposed project would be relatively small in comparison to the overall use in Yolo County, and the State's available energy resources. Therefore, energy impacts at the regional level would be negligible. Because California's energy conservation planning actions are conducted at a regional level, and because the proposed project's total impact on regional energy supplies would be minor, the proposed project would not conflict with or obstruct California's energy conservation plans as described in the CEC's Integrated Energy Policy Report. Additionally, as demonstrated above, the proposed project would not result in the inefficient, wasteful, and unnecessary consumption of energy. Potential impacts related to conflict with or obstruction of a State or local plan for renewable energy or energy efficiency would be less than significant, and no mitigation is required.

GREENHOUSE GAS IMPACTS

This section describes the potential GHG impacts associated with implementation of the proposed project.

Generation of Greenhouse Gas Emissions

This section describes the proposed project's construction- and operational-related GHG emissions and contribution to global climate change.

Short-Term Greenhouse Gas Emissions

Construction activities associated with the construction of residential and nonresidential development capacity would cause short-term GHG emissions. Construction activities associated with the proposed project would produce combustion emissions from various sources. During construction, GHGs would be emitted through the operation of construction equipment and from worker and builder supply vendor vehicles, each of which typically use fossil-based fuels to operate. The combustion of fossil-based fuels creates GHGs such as CO_2, CH_4, and N_2O. Furthermore, CH_4 is emitted during the fueling of heavy equipment. Exhaust emissions from on-site construction activities would vary daily as construction activity levels change.

The YSAQMD has not adopted a threshold of significance for construction-related GHG emissions. Similarly, the Bay Area Air Quality Management District (BAQMD), located immediately to the west of the YSAQMD, has not developed a quantitative threshold of significance for construction GHG Emissions because such emissions are temporary and variable.[61] The Sacramento Metropolitan Air Quality District (SMAQD), located to the east of the YSAQMD has adopted a construction emissions threshold of 1,100 metric tons of CO_2e per year.[62]

Consistent with YSAQMD guidance, the significance determination for this impact statement is based on project consistency with a qualified GHG reduction plan, as discussed below. However, lead agencies are encouraged to quantify and disclose GHG emissions that would occur during construction. Using CalEEMod, it is estimated that construction of the proposed project would generate approximately 1,136.0 metric tons of CO_2e over the construction period of 18 months. Furthermore, construction-related emissions would be temporary and would not persist upon completion of construction. Again, there is no threshold of significance for construction-related GHG emissions in areas subject to YSAQMD jurisdiction; however, for point of comparison, project construction emissions would not exceed the neighboring SMAQD construction emissions threshold of 1,100 metric tons of CO_2e per year.

Long-Term Greenhouse Gas Emissions

Long-term GHG emissions are typically generated from mobile sources (e.g., vehicle and truck trips), area sources (e.g., maintenance activities and landscaping), indirect emissions from sources associated with energy consumption, waste sources (land filling and waste disposal), and water sources (water supply and conveyance, treatment, and distribution). Mobile-source GHG emissions

61 BAAQMD. 2022 CEQA Guidelines: Chapter 6 Project-Level Climate Impacts. Website: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-2022/ceqa-guidelines-chapter-6-project-climate-impacts_final-pdf.pdf?rev=ce3ba3fe9d39448f9c15bbabd8c36c7f&sc_lang=en. (accessed July 2026).

62 Sacramento Metropolitan Air Quality District (SMAQD). 2020. SMAQD Thresholds of Significance. <https://www.airquality.org/LandUseTransportation/Documents/CH2ThresholdsTable4-2020.pdf> (accessed July 2026)

would include project-generated vehicle trips to and from the project. Area-source emissions would be associated with activities such as landscaping and maintenance on the project site. Energy source emissions would be generated at off-site utility providers as a result of increased electricity demand generated by the project. Waste source emissions generated by the proposed project include energy generated by land filling and other methods of disposal related to transporting and managing project generated waste. In addition, water source emissions associated with the proposed project are generated by water supply and conveyance, water treatment, water distribution, and wastewater treatment.

Following guidance from the YSAQMD, GHG emissions for operation of the project were calculated using CalEEMod. Based on the analysis results, summarized in **Table M**, the proposed project would result in emissions of approximately 4,739.0 metric tons of CO_2e per year. These estimated emissions are provided for informational purposes, and the significance of the proposed project is further analyzed below. CalEEMod output sheets are provided in Appendix A.

Table M: Project Greenhouse Gas Emissions

Emission Type	Operational Emissions (Metric Tons per Year)			
	CO_2	CH_4	N_2O	CO_2e
Mobile Sources	4,181.0	0.2	0.2	4,254.0
Area Sources	3.2	<0.1	<0.1	3.2
Energy Sources	408.6	0.1	<0.1	412.7
Water Sources	5.5	0.3	<0.1	15.0
Waste Sources	15.2	1.5	0.0	53.3
Total Annual Operational Emissions				**4,739.0**

Source: Compiled by LSA (July 2026).
CH_4 = methane
CO_2 = carbon dioxide
CO_2e = carbon dioxide equivalent
N_2O = nitrous oxide

As discussed, the YSAQMD has not established a numeric threshold for GHG emissions. The significance of GHG emissions may be evaluated based on locally adopted quantitative thresholds or consistency with a regional GHG reduction plan (e.g., a Climate Action Plan). Therefore, consistent with the *State CEQA Guidelines*, Section 15183.5, if a project is consistent with an adopted qualified Greenhouse Gas Reduction Strategy, it can be presumed that the project would not have significant GHG emission impacts. The City's CAAP meets the requirements of *State CEQA Guidelines*, Section 15183.5; therefore, the proposed project is evaluated for consistency with the City's CAAP.[63] **Table N** below presents the proposed project's consistency with the CAAP.

As shown in **Table N**, the proposed project is consistent with applicable goals and CAAP actions of the City of West Sacramento CAAP. Many of the CAAP goals and actions are the responsibility of the City and are not applicable to individual projects (i.e., land use planning decisions, funding, regional transit, etc.); however, the proposed project would be in track for meeting the CAAP goals related to transportation, carbon neutrality, and solid waste. The proposed project would include open space

[63] City of West Sacramento. 2025. City of West Sacramento Climate Action and Adaptation Plan. June 4. Website: https://www.cityofwestsacramento.org/home/showpublisheddocument/20579/638860179110630000 (accessed July 2026).

lots consisting of a 0.68-acre Central Park and a 0.14-acre parklet. This would encourage future residents and surrounding residential communities to use the open space for recreation and other daily activities within walking or biking distance of their homes. By providing accessible and attractive green spaces, the project reduces the need for residents to drive to distant parks or recreational facilities. Therefore, the integration of these parks into the neighborhood design promotes active transportation by encouraging walking and biking within the project site.

Table N: Proposed Project Consistency with the City's CAAP

CAAP Actions	Consistency
Goal 2: Reimagine how we move people and goods	
Prioritize transit-oriented development and center/corridor community growth through land use planning	**Consistent.** As noted above, Yolo Transportation District's Yolobus Route 37 runs down Marshall Road along the northern edge of the project site, and a bus stop is located approximately 0.25 mile east of the project site. Implementation of the proposed project within close proximity of the existing bus stop would promote the use of public transit in the area and support transit-oriented development and land use planning.
Goal 3: Design a future with zero carbon power sources	
Enhance utility coordination and advocate for the City's utility provider to provide access to carbon-free electricity and additional building efficiency/retrofit rebates and funding	**Consistent.** PG&E would provide electricity for the project. In 2022, approximately 40 percent of PG&E's delivered electricity came from renewable sources, including solar, wind, geothermal, small hydroelectric and various forms of bioenergy.[64] PG&E reached California's 2020 renewable energy goal in 2017 and is positioned to meet the State's 60 percent by 2030 renewable energy mandate set forth in Senate Bill (SB) 100. In addition, PG&E plans to continue to provide reliable service to its customers and upgrade its distribution systems as necessary to meet future demand.
Incentivize local solar photovoltaic systems and enhanced energy storage, and promote participation in community solar programs	**Consistent**. The proposed residential units would feature passive use of solar heating and cooling, solar roofs, green roofs, or cool roof systems, and energy-efficient home appliances. In addition, future residents may elect to join a community solar program.
Goal 4: Plan for all-electric buildings city-wide	
Develop and adopt a building electrification program and incentives for existing buildings	**Not applicable**. No existing buildings are included as part of the project.
Establish energy performance standards and GHG emissions limits for existing commercial buildings	**Not applicable.** No existing buildings are included as part of the project. In addition, the proposed project is a single-family housing development and would not include commercial buildings.
Mandate all-electric new construction in a phased approach to eliminate on-site fossil fuel use	**Consistent.** The proposed project would be designed to be all-electric and will not include the use of natural gas.
Goal 5: Create a waste-free city	
Expand commercial and multifamily organic waste programs	**Not applicable.** The project is a single-family housing development and would not include multifamily units or commercial uses. However, the proposed project would be consistent with the CALGreen Code for residential and organic waste disposal. In addition, the proposed project would include green bins and trash enclosures for operational waste activities.
Expand the food recovery network to collect edible food from businesses	**Not applicable.** The project is a single-family housing development and would not include commercial uses.
Reduce unnecessary material consumption	**Consistent.** The proposed project would be consistent with County Solid Waste and State waste reduction requirements for the construction of the proposed project. In addition, the proposed project would include green bins and trash enclosures for operational waste activities.

Source: Compiled by LSA (July 2026).
Note: Not applicable refers to measures that are not relevant to new development and measures not within the project applicant's control.
PG&E = Pacific Gas & Electric

In addition, the project would include two new sidewalks where none currently exist, one along Marshall Road and another along Otis Avenue. The sidewalk along Marshall Road would provide direct, walkable access to a neighboring park located along Marshall Road, further encouraging non-vehicular travel for recreational purposes. Furthermore, Yolo Transportation District's Yolobus Route 37 runs down Marshall Road along the northern edge of the project site. A bus stop is located approximately 0.25 mile east of the project site on Marshall Road between Otis Avenue and Seymour Avenue. The close proximity of the bus stop to the project site would encourage and promote the use of active transit in the area. As described in the Project Location and Description Section, the proposed residential units would also feature passive use of solar heating and cooling, natural ventilation, energy-efficient windows (such as Low E Vinyl, Argon Glass Filled Low E, or Low E Wood Frame), solar roofs, green roofs, or cool roof systems, and energy-efficient home appliances. The proposed project would also be designed to be all-electric and will not include the use of natural gas. Therefore, the project is not expected to obstruct the attainment of the State's long-term GHG reduction goal for 2045. The proposed project would be consistent with the City's CAAP and would not generate GHG emissions that may have a significant effect on the environment.

Consistency with Greenhouse Gas Emissions Reduction Plans

An evaluation of the proposed project's consistency with the 2022 Scoping Plan and the SACOG's 2025 Blueprint Plan is provided below.

2022 Scoping Plan

The following discussion evaluates the proposed project according to the goals of the 2022 Scoping Plan, EO B-30-15, AB 1279, SB 32, and AB 197.

The 2022 Scoping Plan focuses on outcomes needed to achieve carbon neutrality by assessing paths for clean technology, energy deployment, natural and working lands, and others, and is designed to meet the State's long-term climate objectives and support a range of economic, environmental, energy security, environmental justice, and public health priorities.

The City's CAAP establishes GHG reduction goals consistent with State legislation.[65] The City's CAAP outlines a plan for how the City can prepare for climate change impacts while reducing GHG emissions to meet its 2030 and 2045 targets. The GHG goals and actions identified in the City's CAAP would enable the City to reduce its community GHG emissions by 392,070 metric tons of CO_2e by 2030 and reach carbon neutrality by 2045. Furthermore, the strategies adopted in the City's CAAP have the ability, when fully implemented, to reduce GHG emissions below the City's 2030 GHG reduction target and make substantial progress toward a 2045 carbon neutrality target, consistent with State goals and legislature such as AB 1279. Therefore, the strategies, actions, and steps in this CAAP will create the basis for long-term carbon neutrality when implemented, including electrified

64 PG&E. 2023. *Exploring Clean Energy Solutions*. Website: https://www.pge.com/en/about/corporate-responsibility-and-sustainability/taking-responsibility/clean-energy-solutions.html (accessed July 2026).

65 City of West Sacramento. 2025. City of West Sacramento Climate Action and Adaptation Plan. June 4. Website: https://www.cityofwestsacramento.org/home/showpublisheddocument/20579/638860179110630000 (accessed July 2026).

buildings and vehicles coupled with decarbonized electricity, improved active transportation, decreased waste generation, and increased carbon sequestration.

As discussed in the preceding section and in Table N, the proposed project would be consistent with the goals outlined in the CAAP. While many of the implementing actions will be the responsibility of the City, the project would still be in track with meeting all the applicable actions and will contribute to the City's GHG reduction goals for 2030 and 2045. Therefore, because the City's CAAP is designed to meet the State's established GHG reduction goals, including the 2022 Scoping Plan goals, then an agency reviewing the project under CEQA can conclude that the project would be consistent with the State's 2022 Scoping Plan. As such, the proposed project would be contributing its "fair share" of emissions reductions to support long-term State goals of GHG emission reductions and carbon neutrality and would therefore be found to be consistent with regional and State goals and applicable plans for GHG emissions reductions.

SACOG's 2025 Blueprint Plan

The 2025 Blueprint Plan,[66] approved in November 2025, is the relevant MTP/SCS that lays out a transportation investment and land use strategy to support a prosperous region, with access to jobs and economic opportunity, transportation options, and affordable housing that works for all residents. The plan also lays out a path for improving air quality, preserving open space and natural resources, and helping California achieve its goal to reduce greenhouse gas emissions that contribute to climate change. The vision, goals, and policies in the 2025 Blueprint Plan are intended to serve as the foundation for both short- and long-term planning and guide implementation activities. The 2025 Blueprint Plan contains policies for projects to help more efficiently distribute population, housing, and employment growth, as well as forecast development that is generally consistent with regional-level general plan data. The 2025 Blueprint Plan does not require that local General Plans, Specific Plans, or zoning be consistent with the 2025 Blueprint Plan, but provides incentives for consistency for governments and developers.

The proposed project would not involve more than 500 dwelling units and, therefore, is not regionally significant per *State CEQA Guidelines* Section 15206(b)(2)(A). As such, it would not conflict with the 2025 Blueprint Plan targets since those targets were established and are applicable on a regional level. The City's 2021-2029 Housing Element Update reports 2.8 residents per household in West Sacramento;[67] therefore, the development of 259 residential units could house approximately 725 residents. The City Housing Element estimates that the city will grow to 87,999 residents by 2040. Thus, the additional 725 new residents introduced by the proposed project would represent

[66] SACOG. 2025. *2025 Blueprint; 2020-2050 Metropolitan Transportation Plan and Sustainable Communities Strategy*. November. Website: https://www.sacog.org/home/showpublisheddocument/3313/639020116166800000 (accessed July 2026).

[67] City of West Sacramento. 2021. *2021-2029 Housing Element Update, Table A-6.* Website: https://www.cityofwestsacramento.org/home/showpublisheddocument/12221/637619619413930000 (accessed July 2026).

approximately 0.8 percent of the projected 2040 population, and is not considered a significant contribution to planned population growth.[68]

Furthermore, on March 19, 2020, the SACOG Board of Directors adopted the Cycle 6 (2021-29) Regional Housing Needs Plan which provides the number of total housing units that each jurisdiction in the SACOG region must zone for during the 8-year period. According to the adopted Regional Housing Needs Assessment (RHNA) methodology, West Sacramento's housing need allocation for the planning period between 2021 and 2029 is 9,471 units (2,287 very low-income units, 1,378 low-income units, 1,722 moderate-income units, and 4,084 above moderate-income units).[69] The total RHNA for the City of West Sacramento is less than the projected housing growth included in the 2025 Blueprint Plan, which projects an increase of 15,880 housing units from 2020 to 2050.[70] As such, the additional 259 new units proposed under the project would represent approximately 1.6 percent of the anticipated housing growth from 2020 to 2050 in the SACOG 2025 Blueprint Plan, and would help to meet the City's identified housing needs.[71] Therefore, the proposed project would be consistent with the regional growth assumptions established in the 2025 Blueprint. Furthermore, as noted in the 2025 Blueprint Plan, regional VMT can be reduced through integrated land use and transportation planning. For example, high-density, mixed-use, and infill development results in shorter trip lengths for residents. The project site is an infill parcel surrounded by development to the north, west, and south, and is identified as an Established Communities area in the 2025 Blueprint Plan. Development of the proposed project within an Established Communities area is consistent with the integrated land use planning decisions encouraged by the 2025 Blueprint Plan.

Therefore, the project would not conflict with the regional growth projections used to develop the CARB's 2022 Scoping Plan and the SACOG's 2025 Blueprint Plan. As such, the proposed project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs, including the CARB Scoping Plan and the SACOG's 2025 Blueprint Plan.

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68 (725 persons from the proposed project/ 87,999 2040 projected population) x 100 = 0.8 percent of total 2040 population

69 Sacramento Area Council of Governments (SACOG) 2020. *SACOG Regional Housing Needs Plan. Cycle 6 (2021-2029) Adopted March 2020.* Website: https://www.sacog.org/home/showpublisheddocument/370/638218262676300000 (accessed July 2026).

70 SACOG. 2025. *2025 Blueprint (MTP/SCS), Appendix C: 2025 Blueprint Land Use Forecast.* Website: https://www.sacog.org/home/showpublisheddocument/3297/638975101112800000 (accessed July 2026).

71 (259 units from the proposed project/ 15,880 total projected housing growth) × 100 = 1.6 percent of total projected housing growth

CONCLUSION

Based on the analysis presented above, with implementation of Regulatory Measure AIR-1, construction and operational activities associated with the proposed project would not result in the generation of criteria air pollutants that would exceed YSAQMD thresholds of significance. The proposed project would also not conflict with or obstruct implementation of YSAQMD air quality plans. Furthermore, with implementation of Mitigation Measure AIR-1, construction of the proposed project is not expected to produce significant emissions that would affect nearby sensitive receptors. The project would not result in other emissions (such as those leading to odors) affecting a substantial number of people. The proposed project would not result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation and would not conflict with or obstruct a State or local plan for renewable energy or energy efficiency. As mentioned above, the proposed project would be consistent with the goals established in the City's CAAP and would not generate GHG emissions that may have a significant effect on the environment. Additionally, the project would not conflict with the State's GHG emissions reductions objectives embodied in EO B-30-15, AB 1279, SB 32, or AB 197. Therefore, the proposed project's incremental contribution to cumulative GHG emissions would not be cumulatively considerable.

APPENDIX A

CALEEMOD OUTPUT SHEETS

Brar Farms Residential Development Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Brar Farms Residential Development
Construction Start Date	1/4/2027
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00000
Precipitation (days)	6.00000
Location	38.53326039696296, -121.56937128720489
County	Yolo
City	West Sacramento
Air District	Yolo/Solano AQMD
Air Basin	Sacramento Valley
TAZ	336
EDFZ	4
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric

Data Field	Value
App Version	2022.1.1.45

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Single Family Housing	259.000	Dwelling Unit	34.7800	505,050	0.00000	0.00000	717.000	—
City Park	14.1100	Acre	14.1100	0.00000	43,560.0	0.00000	—	—
Other Asphalt Surfaces	11.0100	Acre	11.0100	0.00000	0.00000	0.00000	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Transportation	T-32*	Orient Project Toward Transit, Bicycle, or Pedestrian Facility
Transportation	T-35*	Provide Traû c Calming Measures
Energy	E-2	Require Energy Efficient Appliances
Water	W-4	Require Low-Flow Water Fixtures
Water	W-5	Design Water-Efficient Landscapes

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	40.2935	61.8476	40.9801	0.13371	1.56818	6.49347	8.06164	1.37000	2.25645	3.62646	—	17,541.5	17,541.5	0.81841	1.76701	18,110.4
Mit.	40.1071	43.3513	40.9801	0.13371	1.45907	6.49347	7.95254	1.26090	2.25645	3.51735	—	17,541.5	17,541.5	0.81841	1.76701	18,110.4
% Reduced	< 0.5%	30%	—	—	7%	—	1%	8%	—	3%	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	40.0401	62.8822	40.7770	0.13371	1.56818	8.21528	9.33094	1.37000	4.02159	5.03765	—	17,522.3	17,522.3	0.81974	1.76745	18,070.1
Mit.	39.8556	44.3859	40.7770	0.13371	1.45907	8.21528	9.15553	1.26090	4.02159	4.86224	—	17,522.3	17,522.3	0.81974	1.76745	18,070.1
% Reduced	< 0.5%	29%	—	—	7%	—	2%	8%	—	3%	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	11.5879	24.0881	18.2760	0.04188	0.70449	2.31801	3.02250	0.63757	0.83152	1.46909	—	5,556.90	5,556.90	0.23260	0.41830	5,690.18
Mit.	11.5270	16.2972	18.2760	0.04188	0.58886	2.31801	2.90687	0.52194	0.83152	1.35345	—	5,556.90	5,556.90	0.23260	0.41830	5,690.18
% Reduced	1%	32%	—	—	16%	—	4%	18%	—	8%	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.11479	4.39607	3.33537	0.00764	0.12857	0.42304	0.55161	0.11636	0.15175	0.26811	—	920.009	920.009	0.03851	0.06925	942.075
Mit.	2.10368	2.97424	3.33537	0.00764	0.10747	0.42304	0.53050	0.09525	0.15175	0.24701	—	920.009	920.009	0.03851	0.06925	942.075

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
% Reduced	1%	32%	—	—	16%	—	4%	18%	—	8%	—	—	—	—	—	—

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.65427	61.8476	40.9801	0.13371	1.56818	6.49347	8.06164	1.37000	2.25645	3.62646	—	17,541.5	17,541.5	0.81841	1.76701	18,110.4
2028	40.2935	21.8446	21.6865	0.03050	0.79581	1.33483	2.13064	0.73647	0.32144	1.05791	—	4,445.80	4,445.80	0.14154	0.17491	4,506.58
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.62660	62.8822	40.7770	0.13371	1.56818	8.21528	9.33094	1.37000	4.02159	5.03765	—	17,522.3	17,522.3	0.81974	1.76745	18,070.1
2028	40.0401	21.9918	20.3087	0.03050	0.79581	1.33483	2.13064	0.73647	0.32144	1.05791	—	4,317.57	4,317.57	0.14648	0.17738	4,374.23
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.85617	24.0881	18.2760	0.04188	0.70449	2.31801	3.02250	0.63757	0.83152	1.46909	—	5,556.90	5,556.90	0.23260	0.41830	5,690.18
2028	11.5879	6.34604	5.80515	0.00833	0.24225	0.32087	0.56312	0.22532	0.07707	0.30238	—	1,155.48	1,155.48	0.03917	0.04087	1,169.16
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.15625	4.39607	3.33537	0.00764	0.12857	0.42304	0.55161	0.11636	0.15175	0.26811	—	920.009	920.009	0.03851	0.06925	942.075

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
2028	2.11479	1.15815	1.05944	0.00152	0.04421	0.05856	0.10277	0.04112	0.01406	0.05518	—	191.303	191.303	0.00648	0.00677	193.568

2.2.2. Onsite Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.33067	48.8399	35.3475	0.06090	1.36014	3.44493	4.80507	1.23132	1.41079	2.64211	—	6,594.56	6,594.56	0.26750	0.05350	6,617.19
2028	40.1783	20.7432	15.7851	0.02513	0.78506	0.00000	0.78506	0.73109	0.00000	0.73109	—	2,530.97	2,530.97	0.10267	0.02053	2,539.66
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.33067	48.8399	35.3475	0.06090	1.36014	8.03847	9.15413	1.23132	3.98015	4.99621	—	6,594.56	6,594.56	0.26750	0.05350	6,617.19
2028	39.6729	20.7432	15.7851	0.02513	0.78506	0.00000	0.78506	0.73109	0.00000	0.73109	—	2,530.97	2,530.97	0.10267	0.02053	2,539.66
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.65057	20.9060	15.3607	0.02551	0.65978	1.21125	1.87104	0.60616	0.54318	1.14934	—	2,701.80	2,701.80	0.10960	0.02192	2,711.08
2028	11.4977	6.07878	4.68739	0.00715	0.23990	0.00000	0.23990	0.22414	0.00000	0.22414	—	729.471	729.471	0.02959	0.00592	731.975
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.11873	3.81534	2.80332	0.00466	0.12041	0.22105	0.34146	0.11062	0.09913	0.20975	—	447.314	447.314	0.01815	0.00363	448.850
2028	2.09832	1.10938	0.85545	0.00131	0.04378	0.00000	0.04378	0.04091	0.00000	0.04091	—	120.772	120.772	0.00490	0.00098	121.187

2.2.3. Offsite Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.38330	13.0077	5.63255	0.07281	0.20803	3.04854	3.25657	0.13869	0.84566	0.98435	—	10,946.9	10,946.9	0.55091	1.71351	11,493.2
2028	0.40481	1.10146	5.90140	0.00537	0.01074	1.33483	1.34558	0.00537	0.32144	0.32681	—	1,914.83	1,914.83	0.03887	0.15438	1,966.93
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.31774	14.0423	5.42950	0.07281	0.20803	3.04854	3.25657	0.13869	0.84566	0.98435	—	10,927.7	10,927.7	0.55223	1.71395	11,452.9
2028	0.36720	1.24858	4.52353	0.00537	0.01074	1.33483	1.34558	0.00537	0.32144	0.32681	—	1,786.60	1,786.60	0.04381	0.15684	1,834.57
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.20560	3.18210	2.91532	0.01637	0.04471	1.10676	1.15147	0.03141	0.28834	0.31975	—	2,855.10	2,855.10	0.12300	0.39638	2,979.11
2028	0.09026	0.26726	1.11775	0.00118	0.00235	0.32087	0.32322	0.00118	0.07707	0.07824	—	426.008	426.008	0.00958	0.03495	437.188
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.03752	0.58073	0.53205	0.00299	0.00816	0.20198	0.21014	0.00573	0.05262	0.05835	—	472.694	472.694	0.02036	0.06562	493.225
2028	0.01647	0.04878	0.20399	0.00021	0.00043	0.05856	0.05899	0.00021	0.01406	0.01428	—	70.5305	70.5305	0.00159	0.00579	72.3814

2.2.4. Total Construction Emissions by Year, Mitigated

Includes both onsite and offsite emissions.

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
2027	1.50235	43.3513	40.9801	0.13371	1.45907	6.49347	7.95254	1.26090	2.25645	3.51735	—	17,541.5	17,541.5	0.81841	1.76701	18,110.4
2028	40.1071	14.7939	21.6865	0.03050	0.61127	1.33483	1.94611	0.55193	0.32144	0.87338	—	4,445.80	4,445.80	0.14154	0.17491	4,506.58
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.47468	44.3859	40.7770	0.13371	1.45907	8.21528	9.15553	1.26090	4.02159	4.86224	—	17,522.3	17,522.3	0.81974	1.76745	18,070.1
2028	39.8556	14.9410	20.3087	0.03050	0.61127	1.33483	1.94611	0.55193	0.32144	0.87338	—	4,317.57	4,317.57	0.14648	0.17738	4,374.23
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.73232	16.2972	18.2760	0.04188	0.58886	2.31801	2.90687	0.52194	0.83152	1.35345	—	5,556.90	5,556.90	0.23260	0.41830	5,690.18
2028	11.5270	4.28738	5.80515	0.00833	0.18138	0.32087	0.50225	0.16444	0.07707	0.24151	—	1,155.48	1,155.48	0.03917	0.04087	1,169.16
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.13365	2.97424	3.33537	0.00764	0.10747	0.42304	0.53050	0.09525	0.15175	0.24701	—	920.009	920.009	0.03851	0.06925	942.075
2028	2.10368	0.78245	1.05944	0.00152	0.03310	0.05856	0.09166	0.03001	0.01406	0.04408	—	191.303	191.303	0.00648	0.00677	193.568

2.2.5. Onsite Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.17875	30.3436	35.3475	0.06090	1.25103	3.44493	4.69596	1.12221	1.41079	2.53300	—	6,594.56	6,594.56	0.26750	0.05350	6,617.19
2028	39.9919	13.6924	15.7851	0.02513	0.60053	0.00000	0.60053	0.54656	0.00000	0.54656	—	2,530.97	2,530.97	0.10267	0.02053	2,539.66

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.17875	30.3436	35.3475	0.06090	1.25103	8.03847	8.97872	1.12221	3.98015	4.82080	—	6,594.56	6,594.56	0.26750	0.05350	6,617.19
2028	39.4884	13.6924	15.7851	0.02513	0.60053	0.00000	0.60053	0.54656	0.00000	0.54656	—	2,530.97	2,530.97	0.10267	0.02053	2,539.66
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.52673	13.1151	15.3607	0.02551	0.54415	1.21125	1.75540	0.49052	0.54318	1.03370	—	2,701.80	2,701.80	0.10960	0.02192	2,711.08
2028	11.4368	4.02011	4.68739	0.00715	0.17903	0.00000	0.17903	0.16326	0.00000	0.16326	—	729.471	729.471	0.02959	0.00592	731.975
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.09613	2.39350	2.80332	0.00466	0.09931	0.22105	0.32036	0.08952	0.09913	0.18865	—	447.314	447.314	0.01815	0.00363	448.850
2028	2.08721	0.73367	0.85545	0.00131	0.03267	0.00000	0.03267	0.02980	0.00000	0.02980	—	120.772	120.772	0.00490	0.00098	121.187

2.2.6. Offsite Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.38330	13.0077	5.63255	0.07281	0.20803	3.04854	3.25657	0.13869	0.84566	0.98435	—	10,946.9	10,946.9	0.55091	1.71351	11,493.2
2028	0.40481	1.10146	5.90140	0.00537	0.01074	1.33483	1.34558	0.00537	0.32144	0.32681	—	1,914.83	1,914.83	0.03887	0.15438	1,966.93
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.31774	14.0423	5.42950	0.07281	0.20803	3.04854	3.25657	0.13869	0.84566	0.98435	—	10,927.7	10,927.7	0.55223	1.71395	11,452.9

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
2028	0.36720	1.24858	4.52353	0.00537	0.01074	1.33483	1.34558	0.00537	0.32144	0.32681	—	1,786.60	1,786.60	0.04381	0.15684	1,834.57
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.20560	3.18210	2.91532	0.01637	0.04471	1.10676	1.15147	0.03141	0.28834	0.31975	—	2,855.10	2,855.10	0.12300	0.39638	2,979.11
2028	0.09026	0.26726	1.11775	0.00118	0.00235	0.32087	0.32322	0.00118	0.07707	0.07824	—	426.008	426.008	0.00958	0.03495	437.188
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.03752	0.58073	0.53205	0.00299	0.00816	0.20198	0.21014	0.00573	0.05262	0.05835	—	472.694	472.694	0.02036	0.06562	493.225
2028	0.01647	0.04878	0.20399	0.00021	0.00043	0.05856	0.05899	0.00021	0.01406	0.01428	—	70.5305	70.5305	0.00159	0.00579	72.3814

2.3. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	24.2596	11.3458	125.091	0.26348	0.21221	22.2574	22.4696	0.19854	5.66386	5.86241	109.335	29,423.8	29,533.2	12.4730	1.30398	30,316.1
Mit.	24.2596	11.3458	125.091	0.26348	0.21221	22.2574	22.4696	0.19854	5.66386	5.86241	107.731	29,340.8	29,448.5	12.2951	1.29844	30,225.3
% Reduced	—	—	—	—	—	—	—	—	—	—	1%	< 0.5%	< 0.5%	1%	< 0.5%	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	22.0943	13.1202	93.6584	0.24226	0.20543	22.2574	22.4628	0.19345	5.66386	5.85732	109.335	27,301.9	27,411.2	12.5758	1.40116	28,148.8
Mit.	22.0943	13.1202	93.6584	0.24226	0.20543	22.2574	22.4628	0.19345	5.66386	5.85732	107.731	27,218.8	27,326.5	12.3979	1.39562	28,058.0

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
% Reduced	—	—	—	—	—	—	—	—	—	—	1%	< 0.5%	< 0.5%	1%	< 0.5%	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	22.6989	12.3703	100.131	0.24690	0.20876	22.1724	22.3812	0.19595	5.64262	5.83858	109.335	27,758.7	27,868.1	12.5148	1.35379	28,622.0
Mit.	22.6989	12.3703	100.131	0.24690	0.20876	22.1724	22.3812	0.19595	5.64262	5.83858	107.731	27,675.7	27,783.4	12.3368	1.34825	28,531.3
% Reduced	—	—	—	—	—	—	—	—	—	—	1%	< 0.5%	< 0.5%	1%	< 0.5%	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.14254	2.25759	18.2738	0.04506	0.03810	4.04646	4.08456	0.03576	1.02978	1.06554	18.1017	4,595.77	4,613.88	2.07196	0.22414	4,738.70
Mit.	4.14254	2.25759	18.2738	0.04506	0.03810	4.04646	4.08456	0.03576	1.02978	1.06554	17.8360	4,582.03	4,599.86	2.04250	0.22322	4,723.68
% Reduced	—	—	—	—	—	—	—	—	—	—	1%	< 0.5%	< 0.5%	1%	< 0.5%	< 0.5%

2.4. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.9893	11.2066	110.371	0.26285	0.20533	22.2574	22.4627	0.19336	5.66386	5.85722	—	26,900.1	26,900.1	1.09693	1.21276	27,367.8
Area	13.2703	0.13915	14.7198	0.00064	0.00688	—	0.00688	0.00518	—	0.00518	0.00000	39.2870	39.2870	0.00164	0.00033	39.4252
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2,468.11	2,468.11	0.39929	0.04840	2,492.51

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Water	—	—	—	—	—	—	—	—	—	—	17.3117	16.3229	33.6347	1.77776	0.04250	90.7426
Waste	—	—	—	—	—	—	—	—	—	—	92.0236	0.00000	92.0236	9.19743	0.00000	321.959
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
Total	24.2596	11.3458	125.091	0.26348	0.21221	22.2574	22.4696	0.19854	5.66386	5.86241	109.335	29,423.8	29,533.2	12.4730	1.30398	30,316.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.1046	13.1202	93.6584	0.24226	0.20543	22.2574	22.4628	0.19345	5.66386	5.85732	—	24,817.4	24,817.4	1.20137	1.31027	25,240.0
Area	11.9897	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2,468.11	2,468.11	0.39929	0.04840	2,492.51
Water	—	—	—	—	—	—	—	—	—	—	17.3117	16.3229	33.6347	1.77776	0.04250	90.7426
Waste	—	—	—	—	—	—	—	—	—	—	92.0236	0.00000	92.0236	9.19743	0.00000	321.959
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
Total	22.0943	13.1202	93.6584	0.24226	0.20543	22.2574	22.4628	0.19345	5.66386	5.85732	109.335	27,301.9	27,411.2	12.5758	1.40116	28,148.8
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.0776	12.3017	92.8715	0.24658	0.20537	22.1724	22.3778	0.19340	5.64262	5.83602	—	25,254.9	25,254.9	1.13948	1.26273	25,693.8
Area	12.6212	0.06862	7.25906	0.00031	0.00339	—	0.00339	0.00256	—	0.00256	0.00000	19.3744	19.3744	0.00081	0.00016	19.4426
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2,468.11	2,468.11	0.39929	0.04840	2,492.51
Water	—	—	—	—	—	—	—	—	—	—	17.3117	16.3229	33.6347	1.77776	0.04250	90.7426
Waste	—	—	—	—	—	—	—	—	—	—	92.0236	0.00000	92.0236	9.19743	0.00000	321.959
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
Total	22.6989	12.3703	100.131	0.24690	0.20876	22.1724	22.3812	0.19595	5.64262	5.83858	109.335	27,758.7	27,868.1	12.5148	1.35379	28,622.0

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.83917	2.24506	16.9491	0.04500	0.03748	4.04646	4.08394	0.03530	1.02978	1.06507	—	4,181.24	4,181.24	0.18865	0.20906	4,253.89
Area	2.30338	0.01252	1.32478	0.00006	0.00062	—	0.00062	0.00047	—	0.00047	0.00000	3.20765	3.20765	0.00013	0.00003	3.21894
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	408.623	408.623	0.06611	0.00801	412.664
Water	—	—	—	—	—	—	—	—	—	—	2.86615	2.70245	5.56860	0.29433	0.00704	15.0235
Waste	—	—	—	—	—	—	—	—	—	—	15.2356	0.00000	15.2356	1.52274	0.00000	53.3041
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59886
Total	4.14254	2.25759	18.2738	0.04506	0.03810	4.04646	4.08456	0.03576	1.02978	1.06554	18.1017	4,595.77	4,613.88	2.07196	0.22414	4,738.70

2.5. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.9893	11.2066	110.371	0.26285	0.20533	22.2574	22.4627	0.19336	5.66386	5.85722	—	26,900.1	26,900.1	1.09693	1.21276	27,367.8
Area	13.2703	0.13915	14.7198	0.00064	0.00688	—	0.00688	0.00518	—	0.00518	0.00000	39.2870	39.2870	0.00164	0.00033	39.4252
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2,386.84	2,386.84	0.38614	0.04680	2,410.44
Water	—	—	—	—	—	—	—	—	—	—	15.7069	14.5517	30.2586	1.61292	0.03855	82.0701
Waste	—	—	—	—	—	—	—	—	—	—	92.0236	0.00000	92.0236	9.19743	0.00000	321.959
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
Total	24.2596	11.3458	125.091	0.26348	0.21221	22.2574	22.4696	0.19854	5.66386	5.86241	107.731	29,340.8	29,448.5	12.2951	1.29844	30,225.3

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.1046	13.1202	93.6584	0.24226	0.20543	22.2574	22.4628	0.19345	5.66386	5.85732	—	24,817.4	24,817.4	1.20137	1.31027	25,240.0
Area	11.9897	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2,386.84	2,386.84	0.38614	0.04680	2,410.44
Water	—	—	—	—	—	—	—	—	—	—	15.7069	14.5517	30.2586	1.61292	0.03855	82.0701
Waste	—	—	—	—	—	—	—	—	—	—	92.0236	0.00000	92.0236	9.19743	0.00000	321.959
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
Total	22.0943	13.1202	93.6584	0.24226	0.20543	22.2574	22.4628	0.19345	5.66386	5.85732	107.731	27,218.8	27,326.5	12.3979	1.39562	28,058.0
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.0776	12.3017	92.8715	0.24658	0.20537	22.1724	22.3778	0.19340	5.64262	5.83602	—	25,254.9	25,254.9	1.13948	1.26273	25,693.8
Area	12.6212	0.06862	7.25906	0.00031	0.00339	—	0.00339	0.00256	—	0.00256	0.00000	19.3744	19.3744	0.00081	0.00016	19.4426
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2,386.84	2,386.84	0.38614	0.04680	2,410.44
Water	—	—	—	—	—	—	—	—	—	—	15.7069	14.5517	30.2586	1.61292	0.03855	82.0701
Waste	—	—	—	—	—	—	—	—	—	—	92.0236	0.00000	92.0236	9.19743	0.00000	321.959
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
Total	22.6989	12.3703	100.131	0.24690	0.20876	22.1724	22.3812	0.19595	5.64262	5.83858	107.731	27,675.7	27,783.4	12.3368	1.34825	28,531.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.83917	2.24506	16.9491	0.04500	0.03748	4.04646	4.08394	0.03530	1.02978	1.06507	—	4,181.24	4,181.24	0.18865	0.20906	4,253.89
Area	2.30338	0.01252	1.32478	0.00006	0.00062	—	0.00062	0.00047	—	0.00047	0.00000	3.20765	3.20765	0.00013	0.00003	3.21894
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	395.168	395.168	0.06393	0.00775	399.076

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Water	—	—	—	—	—	—	—	—	—	—	2.60046	2.40920	5.00966	0.26704	0.00638	13.5876
Waste	—	—	—	—	—	—	—	—	—	—	15.2356	0.00000	15.2356	1.52274	0.00000	53.3041
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59886
Total	4.14254	2.25759	18.2738	0.04506	0.03810	4.04646	4.08456	0.03576	1.02978	1.06554	17.8360	4,582.03	4,599.86	2.04250	0.22322	4,723.68

3. Construction Emissions Details

3.1. Site Preparation (2027)

3.1.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07181	39.8532	28.3078	0.04891	1.11566	—	1.11566	1.01606	—	1.01606	—	5,297.82	5,297.82	0.21490	0.04298	5,316.00
Dust From Material Movement	—	—	—	—	—	8.03847	8.03847	—	3.98015	3.98015	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07341	2.72967	1.93889	0.00335	0.07641	—	0.07641	0.06959	—	0.06959	—	362.864	362.864	0.01472	0.00294	364.110
Dust From Material Movement	—	—	—	—	—	0.55058	0.55058	—	0.27261	0.27261	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01340	0.49816	0.35385	0.00061	0.01395	—	0.01395	0.01270	—	0.01270	—	60.0763	60.0763	0.00244	0.00049	60.2825
Dust From Material Movement	—	—	—	—	—	0.10048	0.10048	—	0.04975	0.04975	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05567	0.05764	0.69457	0.00000	0.00000	0.17681	0.17681	0.00000	0.04144	0.04144	—	170.084	170.084	0.00386	0.00706	172.301
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00384	0.00346	0.04820	0.00000	0.00000	0.01206	0.01206	0.00000	0.00283	0.00283	—	11.9464	11.9464	0.00021	0.00048	12.1144
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00070	0.00063	0.00880	0.00000	0.00000	0.00220	0.00220	0.00000	0.00052	0.00052	—	1.97786	1.97786	0.00004	0.00008	2.00567
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.3. Onsite - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.89640	24.0280	28.3078	0.04891	0.94025	—	0.94025	0.84065	—	0.84065	—	5,297.82	5,297.82	0.21490	0.04298	5,316.00
Dust From Material Movement	—	—	—	—	—	8.03847	8.03847	—	3.98015	3.98015	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06140	1.64575	1.93889	0.00335	0.06440	—	0.06440	0.05758	—	0.05758	—	362.864	362.864	0.01472	0.00294	364.110
Dust From Material Movement	—	—	—	—	—	0.55058	0.55058	—	0.27261	0.27261	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01120	0.30035	0.35385	0.00061	0.01175	—	0.01175	0.01051	—	0.01051	—	60.0763	60.0763	0.00244	0.00049	60.2825

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Dust From Material Movement	—	—	—	—	—	0.10048	0.10048	—	0.04975	0.04975	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.4. Offsite - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05567	0.05764	0.69457	0.00000	0.00000	0.17681	0.17681	0.00000	0.04144	0.04144	—	170.084	170.084	0.00386	0.00706	172.301
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00384	0.00346	0.04820	0.00000	0.00000	0.01206	0.01206	0.00000	0.00283	0.00283	—	11.9464	11.9464	0.00021	0.00048	12.1144
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00070	0.00063	0.00880	0.00000	0.00000	0.00220	0.00220	0.00000	0.00052	0.00052	—	1.97786	1.97786	0.00004	0.00008	2.00567

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.2. Grading (2027)

3.2.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.33067	48.8399	35.3475	0.06090	1.36014	—	1.36014	1.23132	—	1.23132	—	6,594.56	6,594.56	0.26750	0.05350	6,617.19
Dust From Material Movement	—	—	—	—	—	3.44493	3.44493	—	1.41079	1.41079	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.33067	48.8399	35.3475	0.06090	1.36014	—	1.36014	1.23132	—	1.23132	—	6,594.56	6,594.56	0.26750	0.05350	6,617.19

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Dust From Material Movement	—	—	—	—	—	3.44493	3.44493	—	1.41079	1.41079	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25520	9.36655	6.77898	0.01168	0.26085	—	0.26085	0.23614	—	0.23614	—	1,264.71	1,264.71	0.05130	0.01026	1,269.05
Dust From Material Movement	—	—	—	—	—	0.66067	0.66067	—	0.27056	0.27056	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04657	1.70940	1.23716	0.00213	0.04760	—	0.04760	0.04310	—	0.04310	—	209.387	209.387	0.00849	0.00170	210.106
Dust From Material Movement	—	—	—	—	—	0.12057	0.12057	—	0.04938	0.04938	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07743	0.05062	1.05579	0.00000	0.00000	0.20207	0.20207	0.00000	0.04736	0.04736	—	217.879	217.879	0.00309	0.00763	220.948
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.24617	12.9571	4.57676	0.07281	0.20803	2.84647	3.05450	0.13869	0.79830	0.93699	—	10,729.0	10,729.0	0.54782	1.70588	11,272.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06363	0.06587	0.79380	0.00000	0.00000	0.20207	0.20207	0.00000	0.04736	0.04736	—	194.382	194.382	0.00441	0.00807	196.915
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.23231	13.9765	4.63570	0.07281	0.20803	2.84647	3.05450	0.13869	0.79830	0.93699	—	10,733.4	10,733.4	0.54782	1.70588	11,256.0
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01229	0.01109	0.15424	0.00000	0.00000	0.03860	0.03860	0.00000	0.00905	0.00905	—	38.2284	38.2284	0.00068	0.00155	38.7659
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.04588	2.62722	0.88239	0.01396	0.03990	0.54426	0.58415	0.02660	0.15269	0.17929	—	2,057.97	2,057.97	0.10506	0.32716	2,159.85
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00224	0.00202	0.02815	0.00000	0.00000	0.00705	0.00705	0.00000	0.00165	0.00165	—	6.32915	6.32915	0.00011	0.00026	6.41814
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00837	0.47947	0.16104	0.00255	0.00728	0.09933	0.10661	0.00485	0.02787	0.03272	—	340.721	340.721	0.01739	0.05416	357.588

3.2.3. Onsite - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.17875	30.3436	35.3475	0.06090	1.25103	—	1.25103	1.12221	—	1.12221	—	6,594.56	6,594.56	0.26750	0.05350	6,617.19
Dust From Material Movement	—	—	—	—	—	3.44493	3.44493	—	1.41079	1.41079	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.17875	30.3436	35.3475	0.06090	1.25103	—	1.25103	1.12221	—	1.12221	—	6,594.56	6,594.56	0.26750	0.05350	6,617.19
Dust From Material Movement	—	—	—	—	—	3.44493	3.44493	—	1.41079	1.41079	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22606	5.81932	6.77898	0.01168	0.23992	—	0.23992	0.21522	—	0.21522	—	1,264.71	1,264.71	0.05130	0.01026	1,269.05

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Dust From Material Movement	—	—	—	—	—	0.66067	0.66067	—	0.27056	0.27056	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04126	1.06203	1.23716	0.00213	0.04379	—	0.04379	0.03928	—	0.03928	—	209.387	209.387	0.00849	0.00170	210.106
Dust From Material Movement	—	—	—	—	—	0.12057	0.12057	—	0.04938	0.04938	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.4. Offsite - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07743	0.05062	1.05579	0.00000	0.00000	0.20207	0.20207	0.00000	0.04736	0.04736	—	217.879	217.879	0.00309	0.00763	220.948
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.24617	12.9571	4.57676	0.07281	0.20803	2.84647	3.05450	0.13869	0.79830	0.93699	—	10,729.0	10,729.0	0.54782	1.70588	11,272.3

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06363	0.06587	0.79380	0.00000	0.00000	0.20207	0.20207	0.00000	0.04736	0.04736	—	194.382	194.382	0.00441	0.00807	196.915
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.23231	13.9765	4.63570	0.07281	0.20803	2.84647	3.05450	0.13869	0.79830	0.93699	—	10,733.4	10,733.4	0.54782	1.70588	11,256.0
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01229	0.01109	0.15424	0.00000	0.00000	0.03860	0.03860	0.00000	0.00905	0.00905	—	38.2284	38.2284	0.00068	0.00155	38.7659
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.04588	2.62722	0.88239	0.01396	0.03990	0.54426	0.58415	0.02660	0.15269	0.17929	—	2,057.97	2,057.97	0.10506	0.32716	2,159.85
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00224	0.00202	0.02815	0.00000	0.00000	0.00705	0.00705	0.00000	0.00165	0.00165	—	6.32915	6.32915	0.00011	0.00026	6.41814
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00837	0.47947	0.16104	0.00255	0.00728	0.09933	0.10661	0.00485	0.02787	0.03272	—	340.721	340.721	0.01739	0.05416	357.588

3.3. Building Construction (2027)

3.3.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Off-Road Equipment	0.71845	19.6585	14.8230	0.02340	0.71968	—	0.71968	0.67038	—	0.67038	—	2,397.08	2,397.08	0.09724	0.01945	2,405.30
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.71845	19.6585	14.8230	0.02340	0.71968	—	0.71968	0.67038	—	0.67038	—	2,397.08	2,397.08	0.09724	0.01945	2,405.30
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32197	8.80976	6.64281	0.01048	0.32252	—	0.32252	0.30042	—	0.30042	—	1,074.23	1,074.23	0.04358	0.00872	1,077.92
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05876	1.60778	1.21231	0.00191	0.05886	—	0.05886	0.05483	—	0.05483	—	177.851	177.851	0.00721	0.00144	178.461
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.36096	0.23598	4.92211	0.00000	0.00000	0.94205	0.94205	0.00000	0.22081	0.22081	—	1,015.75	1,015.75	0.01439	0.03556	1,030.06
Vendor	0.02234	0.88776	0.33096	0.00537	0.01074	0.20437	0.21512	0.01074	0.05647	0.06721	—	737.279	737.279	0.02161	0.11170	772.781
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.29662	0.30711	3.70068	0.00000	0.00000	0.94205	0.94205	0.00000	0.22081	0.22081	—	906.209	906.209	0.02056	0.03762	918.019
Vendor	0.02112	0.95429	0.34133	0.00537	0.01074	0.20437	0.21512	0.01074	0.05647	0.06721	—	737.777	737.777	0.02161	0.11231	771.830
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13385	0.12077	1.68026	0.00000	0.00000	0.42054	0.42054	0.00000	0.09855	0.09855	—	416.455	416.455	0.00737	0.01686	422.311
Vendor	0.00974	0.41956	0.15023	0.00241	0.00481	0.09129	0.09611	0.00481	0.02523	0.03004	—	330.498	330.498	0.00968	0.05033	346.064
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02443	0.02204	0.30665	0.00000	0.00000	0.07675	0.07675	0.00000	0.01799	0.01799	—	68.9488	68.9488	0.00122	0.00279	69.9183
Vendor	0.00178	0.07657	0.02742	0.00044	0.00088	0.01666	0.01754	0.00088	0.00460	0.00548	—	54.7178	54.7178	0.00160	0.00833	57.2949
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.3. Onsite - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53391	12.6077	14.8230	0.02340	0.53515	—	0.53515	0.48585	—	0.48585	—	2,397.08	2,397.08	0.09724	0.01945	2,405.30
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53391	12.6077	14.8230	0.02340	0.53515	—	0.53515	0.48585	—	0.48585	—	2,397.08	2,397.08	0.09724	0.01945	2,405.30
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23927	5.65001	6.64281	0.01048	0.23982	—	0.23982	0.21773	—	0.21773	—	1,074.23	1,074.23	0.04358	0.00872	1,077.92
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04367	1.03113	1.21231	0.00191	0.04377	—	0.04377	0.03974	—	0.03974	—	177.851	177.851	0.00721	0.00144	178.461
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.4. Offsite - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.36096	0.23598	4.92211	0.00000	0.00000	0.94205	0.94205	0.00000	0.22081	0.22081	—	1,015.75	1,015.75	0.01439	0.03556	1,030.06
Vendor	0.02234	0.88776	0.33096	0.00537	0.01074	0.20437	0.21512	0.01074	0.05647	0.06721	—	737.279	737.279	0.02161	0.11170	772.781
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.29662	0.30711	3.70068	0.00000	0.00000	0.94205	0.94205	0.00000	0.22081	0.22081	—	906.209	906.209	0.02056	0.03762	918.019
Vendor	0.02112	0.95429	0.34133	0.00537	0.01074	0.20437	0.21512	0.01074	0.05647	0.06721	—	737.777	737.777	0.02161	0.11231	771.830
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13385	0.12077	1.68026	0.00000	0.00000	0.42054	0.42054	0.00000	0.09855	0.09855	—	416.455	416.455	0.00737	0.01686	422.311
Vendor	0.00974	0.41956	0.15023	0.00241	0.00481	0.09129	0.09611	0.00481	0.02523	0.03004	—	330.498	330.498	0.00968	0.05033	346.064
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02443	0.02204	0.30665	0.00000	0.00000	0.07675	0.07675	0.00000	0.01799	0.01799	—	68.9488	68.9488	0.00122	0.00279	69.9183
Vendor	0.00178	0.07657	0.02742	0.00044	0.00088	0.01666	0.01754	0.00088	0.00460	0.00548	—	54.7178	54.7178	0.00160	0.00833	57.2949
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.4. Building Construction (2028)

3.4.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.71811	19.6555	14.8220	0.02340	0.71928	—	0.71928	0.67001	—	0.67001	—	2,397.46	2,397.46	0.09725	0.01945	2,405.68
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.71811	19.6555	14.8220	0.02340	0.71928	—	0.71928	0.67001	—	0.67001	—	2,397.46	2,397.46	0.09725	0.01945	2,405.68
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15739	4.30805	3.24865	0.00513	0.15765	—	0.15765	0.14685	—	0.14685	—	525.470	525.470	0.02132	0.00426	527.273
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Off-Road Equipment	0.02872	0.78622	0.59288	0.00094	0.02877	—	0.02877	0.02680	—	0.02680	—	86.9976	86.9976	0.00353	0.00071	87.2961
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31923	0.20453	4.65201	0.00000	0.00000	0.94205	0.94205	0.00000	0.22081	0.22081	—	995.517	995.517	0.01439	0.03556	1,009.50
Vendor	0.02173	0.85602	0.31899	0.00537	0.01074	0.20437	0.21512	0.00537	0.05647	0.06184	—	720.209	720.209	0.02161	0.11170	755.519
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28840	0.27565	3.49615	0.00000	0.00000	0.94205	0.94205	0.00000	0.22081	0.22081	—	888.226	888.226	0.01850	0.03762	899.977
Vendor	0.02112	0.91779	0.32815	0.00537	0.01074	0.20437	0.21512	0.00537	0.05647	0.06184	—	720.729	720.729	0.02161	0.11170	754.595
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06366	0.05217	0.77966	0.00000	0.00000	0.20568	0.20568	0.00000	0.04820	0.04820	—	199.641	199.641	0.00360	0.00779	202.341
Vendor	0.00476	0.19720	0.07072	0.00118	0.00235	0.04465	0.04700	0.00118	0.01234	0.01352	—	157.902	157.902	0.00474	0.02448	165.457
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01162	0.00952	0.14229	0.00000	0.00000	0.03754	0.03754	0.00000	0.00880	0.00880	—	33.0529	33.0529	0.00060	0.00129	33.4998
Vendor	0.00087	0.03599	0.01291	0.00021	0.00043	0.00815	0.00858	0.00021	0.00225	0.00247	—	26.1425	26.1425	0.00078	0.00405	27.3932
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.3. Onsite - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53358	12.6047	14.8220	0.02340	0.53475	—	0.53475	0.48548	—	0.48548	—	2,397.46	2,397.46	0.09725	0.01945	2,405.68
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53358	12.6047	14.8220	0.02340	0.53475	—	0.53475	0.48548	—	0.48548	—	2,397.46	2,397.46	0.09725	0.01945	2,405.68
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Off-Road Equipment	0.11695	2.76267	3.24865	0.00513	0.11721	—	0.11721	0.10641	—	0.10641	—	525.470	525.470	0.02132	0.00426	527.273
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02134	0.50419	0.59288	0.00094	0.02139	—	0.02139	0.01942	—	0.01942	—	86.9976	86.9976	0.00353	0.00071	87.2961
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.4. Offsite - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31923	0.20453	4.65201	0.00000	0.00000	0.94205	0.94205	0.00000	0.22081	0.22081	—	995.517	995.517	0.01439	0.03556	1,009.50
Vendor	0.02173	0.85602	0.31899	0.00537	0.01074	0.20437	0.21512	0.00537	0.05647	0.06184	—	720.209	720.209	0.02161	0.11170	755.519
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28840	0.27565	3.49615	0.00000	0.00000	0.94205	0.94205	0.00000	0.22081	0.22081	—	888.226	888.226	0.01850	0.03762	899.977
Vendor	0.02112	0.91779	0.32815	0.00537	0.01074	0.20437	0.21512	0.00537	0.05647	0.06184	—	720.729	720.729	0.02161	0.11170	754.595
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06366	0.05217	0.77966	0.00000	0.00000	0.20568	0.20568	0.00000	0.04820	0.04820	—	199.641	199.641	0.00360	0.00779	202.341
Vendor	0.00476	0.19720	0.07072	0.00118	0.00235	0.04465	0.04700	0.00118	0.01234	0.01352	—	157.902	157.902	0.00474	0.02448	165.457
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01162	0.00952	0.14229	0.00000	0.00000	0.03754	0.03754	0.00000	0.00880	0.00880	—	33.0529	33.0529	0.00060	0.00129	33.4998
Vendor	0.00087	0.03599	0.01291	0.00021	0.00043	0.00815	0.00858	0.00021	0.00225	0.00247	—	26.1425	26.1425	0.00078	0.00405	27.3932
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Paving (2028)

3.5.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50229	13.3026	10.6002	0.01395	0.57785	—	0.57785	0.54490	—	0.54490	—	1,511.03	1,511.03	0.06129	0.01226	1,516.22
Paving	0.72115	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05505	1.45782	1.16166	0.00153	0.06333	—	0.06333	0.05971	—	0.05971	—	165.592	165.592	0.00672	0.00134	166.161
Paving	0.07903	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01005	0.26605	0.21200	0.00028	0.01156	—	0.01156	0.01090	—	0.01090	—	27.4157	27.4157	0.00111	0.00022	27.5098
Paving	0.01442	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05136	0.03290	0.74839	0.00000	0.00000	0.15155	0.15155	0.00000	0.03552	0.03552	—	160.154	160.154	0.00231	0.00572	162.404
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00512	0.00420	0.06271	0.00000	0.00000	0.01654	0.01654	0.00000	0.00388	0.00388	—	16.0587	16.0587	0.00029	0.00063	16.2758
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00093	0.00077	0.01145	0.00000	0.00000	0.00302	0.00302	0.00000	0.00071	0.00071	—	2.65870	2.65870	0.00005	0.00010	2.69465
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.3. Onsite - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31588	8.61894	10.6002	0.01395	0.39144	—	0.39144	0.35848	—	0.35848	—	1,511.03	1,511.03	0.06129	0.01226	1,516.22
Paving	0.72115	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03462	0.94454	1.16166	0.00153	0.04290	—	0.04290	0.03929	—	0.03929	—	165.592	165.592	0.00672	0.00134	166.161
Paving	0.07903	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00632	0.17238	0.21200	0.00028	0.00783	—	0.00783	0.00717	—	0.00717	—	27.4157	27.4157	0.00111	0.00022	27.5098
Paving	0.01442	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.4. Offsite - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05136	0.03290	0.74839	0.00000	0.00000	0.15155	0.15155	0.00000	0.03552	0.03552	—	160.154	160.154	0.00231	0.00572	162.404
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00512	0.00420	0.06271	0.00000	0.00000	0.01654	0.01654	0.00000	0.00388	0.00388	—	16.0587	16.0587	0.00029	0.00063	16.2758
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00093	0.00077	0.01145	0.00000	0.00000	0.00302	0.00302	0.00000	0.00071	0.00071	—	2.65870	2.65870	0.00005	0.00010	2.69465
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Architectural Coating (2028)

3.6.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05168	1.08770	0.96319	0.00173	0.06578	—	0.06578	0.06108	—	0.06108	—	133.517	133.517	0.00542	0.00108	133.975

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Architectural Coatings	38.9031	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05168	1.08770	0.96319	0.00173	0.06578	—	0.06578	0.06108	—	0.06108	—	133.517	133.517	0.00542	0.00108	133.975
Architectural Coatings	38.9031	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01487	0.31290	0.27708	0.00050	0.01892	—	0.01892	0.01757	—	0.01757	—	38.4090	38.4090	0.00156	0.00031	38.5408
Architectural Coatings	11.1913	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00271	0.05710	0.05057	0.00009	0.00345	—	0.00345	0.00321	—	0.00321	—	6.35905	6.35905	0.00026	0.00005	6.38087

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Architectural Coatings	2.04242	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06385	0.04091	0.93040	0.00000	0.00000	0.18841	0.18841	0.00000	0.04416	0.04416	—	199.103	199.103	0.00288	0.00711	201.901
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05768	0.05513	0.69923	0.00000	0.00000	0.18841	0.18841	0.00000	0.04416	0.04416	—	177.645	177.645	0.00370	0.00752	179.995
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01671	0.01370	0.20466	0.00000	0.00000	0.05399	0.05399	0.00000	0.01265	0.01265	—	52.4059	52.4059	0.00095	0.00205	53.1145
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00305	0.00250	0.03735	0.00000	0.00000	0.00985	0.00985	0.00000	0.00231	0.00231	—	8.67639	8.67639	0.00016	0.00034	8.79371
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.3. Onsite - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05168	1.08770	0.96319	0.00173	0.06578	—	0.06578	0.06108	—	0.06108	—	133.517	133.517	0.00542	0.00108	133.975
Architectural Coatings	38.9031	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05168	1.08770	0.96319	0.00173	0.06578	—	0.06578	0.06108	—	0.06108	—	133.517	133.517	0.00542	0.00108	133.975
Architectural Coatings	38.9031	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01487	0.31290	0.27708	0.00050	0.01892	—	0.01892	0.01757	—	0.01757	—	38.4090	38.4090	0.00156	0.00031	38.5408
Architectural Coatings	11.1913	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00271	0.05710	0.05057	0.00009	0.00345	—	0.00345	0.00321	—	0.00321	—	6.35905	6.35905	0.00026	0.00005	6.38087
Architectural Coatings	2.04242	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.4. Offsite - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06385	0.04091	0.93040	0.00000	0.00000	0.18841	0.18841	0.00000	0.04416	0.04416	—	199.103	199.103	0.00288	0.00711	201.901

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05768	0.05513	0.69923	0.00000	0.00000	0.18841	0.18841	0.00000	0.04416	0.04416	—	177.645	177.645	0.00370	0.00752	179.995
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01671	0.01370	0.20466	0.00000	0.00000	0.05399	0.05399	0.00000	0.01265	0.01265	—	52.4059	52.4059	0.00095	0.00205	53.1145
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00305	0.00250	0.03735	0.00000	0.00000	0.00985	0.00985	0.00000	0.00231	0.00231	—	8.67639	8.67639	0.00016	0.00034	8.79371
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	10.9893	11.2066	110.371	0.26285	0.20533	22.2574	22.4627	0.19336	5.66386	5.85722	—	26,900.1	26,900.1	1.09693	1.21276	27,367.8
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	10.9893	11.2066	110.371	0.26285	0.20533	22.2574	22.4627	0.19336	5.66386	5.85722	—	26,900.1	26,900.1	1.09693	1.21276	27,367.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	10.1046	13.1202	93.6584	0.24226	0.20543	22.2574	22.4628	0.19345	5.66386	5.85732	—	24,817.4	24,817.4	1.20137	1.31027	25,240.0
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	10.1046	13.1202	93.6584	0.24226	0.20543	22.2574	22.4628	0.19345	5.66386	5.85732	—	24,817.4	24,817.4	1.20137	1.31027	25,240.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	1.83917	2.24506	16.9491	0.04500	0.03748	4.04646	4.08394	0.03530	1.02978	1.06507	—	4,181.24	4,181.24	0.18865	0.20906	4,253.89
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	1.83917	2.24506	16.9491	0.04500	0.03748	4.04646	4.08394	0.03530	1.02978	1.06507	—	4,181.24	4,181.24	0.18865	0.20906	4,253.89

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	10.9893	11.2066	110.371	0.26285	0.20533	22.2574	22.4627	0.19336	5.66386	5.85722	—	26,900.1	26,900.1	1.09693	1.21276	27,367.8
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	10.9893	11.2066	110.371	0.26285	0.20533	22.2574	22.4627	0.19336	5.66386	5.85722	—	26,900.1	26,900.1	1.09693	1.21276	27,367.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	10.1046	13.1202	93.6584	0.24226	0.20543	22.2574	22.4628	0.19345	5.66386	5.85732	—	24,817.4	24,817.4	1.20137	1.31027	25,240.0
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Total	10.1046	13.1202	93.6584	0.24226	0.20543	22.2574	22.4628	0.19345	5.66386	5.85732	—	24,817.4	24,817.4	1.20137	1.31027	25,240.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	1.83917	2.24506	16.9491	0.04500	0.03748	4.04646	4.08394	0.03530	1.02978	1.06507	—	4,181.24	4,181.24	0.18865	0.20906	4,253.89
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	1.83917	2.24506	16.9491	0.04500	0.03748	4.04646	4.08394	0.03530	1.02978	1.06507	—	4,181.24	4,181.24	0.18865	0.20906	4,253.89

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	2,468.11	2,468.11	0.39929	0.04840	2,492.51
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	2,468.11	2,468.11	0.39929	0.04840	2,492.51

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	2,468.11	2,468.11	0.39929	0.04840	2,492.51
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	2,468.11	2,468.11	0.39929	0.04840	2,492.51
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	408.623	408.623	0.06611	0.00801	412.664
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	408.623	408.623	0.06611	0.00801	412.664

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	2,386.84	2,386.84	0.38614	0.04680	2,410.44
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	2,386.84	2,386.84	0.38614	0.04680	2,410.44
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	2,386.84	2,386.84	0.38614	0.04680	2,410.44
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	2,386.84	2,386.84	0.38614	0.04680	2,410.44
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	395.168	395.168	0.06393	0.00775	399.076
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	395.168	395.168	0.06393	0.00775	399.076

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Total	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Consumer Products	10.8705	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.11913	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Landscape Equipment	1.28066	0.13915	14.7198	0.00064	0.00688	—	0.00688	0.00518	—	0.00518	—	39.2870	39.2870	0.00164	0.00033	39.4252
Total	13.2703	0.13915	14.7198	0.00064	0.00688	—	0.00688	0.00518	—	0.00518	0.00000	39.2870	39.2870	0.00164	0.00033	39.4252
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Consumer Products	10.8705	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.11913	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	11.9897	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Consumer Products	1.98387	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.20424	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.11526	0.01252	1.32478	0.00006	0.00062	—	0.00062	0.00047	—	0.00047	—	3.20765	3.20765	0.00013	0.00003	3.21894
Total	2.30338	0.01252	1.32478	0.00006	0.00062	—	0.00062	0.00047	—	0.00047	0.00000	3.20765	3.20765	0.00013	0.00003	3.21894

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Consumer Products	10.8705	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.11913	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.28066	0.13915	14.7198	0.00064	0.00688	—	0.00688	0.00518	—	0.00518	—	39.2870	39.2870	0.00164	0.00033	39.4252
Total	13.2703	0.13915	14.7198	0.00064	0.00688	—	0.00688	0.00518	—	0.00518	0.00000	39.2870	39.2870	0.00164	0.00033	39.4252
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Consumer Products	10.8705	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.11913	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	11.9897	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Consumer Products	1.98387	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.20424	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.11526	0.01252	1.32478	0.00006	0.00062	—	0.00062	0.00047	—	0.00047	—	3.20765	3.20765	0.00013	0.00003	3.21894
Total	2.30338	0.01252	1.32478	0.00006	0.00062	—	0.00062	0.00047	—	0.00047	0.00000	3.20765	3.20765	0.00013	0.00003	3.21894

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	17.3117	15.8121	33.1238	1.77768	0.04249	90.2267
City Park	—	—	—	—	—	—	—	—	—	—	0.00000	0.51083	0.51083	0.00008	0.00001	0.51588
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	17.3117	16.3229	33.6347	1.77776	0.04250	90.7426

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	17.3117	15.8121	33.1238	1.77768	0.04249	90.2267
City Park	—	—	—	—	—	—	—	—	—	—	0.00000	0.51083	0.51083	0.00008	0.00001	0.51588
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	17.3117	16.3229	33.6347	1.77776	0.04250	90.7426
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	2.86615	2.61788	5.48403	0.29431	0.00703	14.9381
City Park	—	—	—	—	—	—	—	—	—	—	0.00000	0.08457	0.08457	0.00001	< 0.000005	0.08541
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	2.86615	2.70245	5.56860	0.29433	0.00704	15.0235

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Single Family Housing	—	—	—	—	—	—	—	—	—	—	15.7069	14.3463	30.0533	1.61289	0.03855	81.8627
City Park	—	—	—	—	—	—	—	—	—	—	0.00000	0.20535	0.20535	0.00003	< 0.000005	0.20738
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	15.7069	14.5517	30.2586	1.61292	0.03855	82.0701
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	15.7069	14.3463	30.0533	1.61289	0.03855	81.8627
City Park	—	—	—	—	—	—	—	—	—	—	0.00000	0.20535	0.20535	0.00003	< 0.000005	0.20738
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	15.7069	14.5517	30.2586	1.61292	0.03855	82.0701
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	2.60046	2.37520	4.97566	0.26703	0.00638	13.5533
City Park	—	—	—	—	—	—	—	—	—	—	0.00000	0.03400	0.03400	0.00001	< 0.000005	0.03433
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Total	—	—	—	—	—	—	—	—	—	—	2.60046	2.40920	5.00966	0.26704	0.00638	13.5876

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	91.3697	0.00000	91.3697	9.13207	0.00000	319.671
City Park	—	—	—	—	—	—	—	—	—	—	0.65398	0.00000	0.65398	0.06536	0.00000	2.28806
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	92.0236	0.00000	92.0236	9.19743	0.00000	321.959
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	91.3697	0.00000	91.3697	9.13207	0.00000	319.671
City Park	—	—	—	—	—	—	—	—	—	—	0.65398	0.00000	0.65398	0.06536	0.00000	2.28806
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Total	—	—	—	—	—	—	—	—	—	—	92.0236	0.00000	92.0236	9.19743	0.00000	321.959
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	15.1273	0.00000	15.1273	1.51192	0.00000	52.9252
City Park	—	—	—	—	—	—	—	—	—	—	0.10827	0.00000	0.10827	0.01082	0.00000	0.37881
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	15.2356	0.00000	15.2356	1.52274	0.00000	53.3041

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	91.3697	0.00000	91.3697	9.13207	0.00000	319.671
City Park	—	—	—	—	—	—	—	—	—	—	0.65398	0.00000	0.65398	0.06536	0.00000	2.28806
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	92.0236	0.00000	92.0236	9.19743	0.00000	321.959
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Single Family Housing	—	—	—	—	—	—	—	—	—	—	91.3697	0.00000	91.3697	9.13207	0.00000	319.671
City Park	—	—	—	—	—	—	—	—	—	—	0.65398	0.00000	0.65398	0.06536	0.00000	2.28806
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	92.0236	0.00000	92.0236	9.19743	0.00000	321.959
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	15.1273	0.00000	15.1273	1.51192	0.00000	52.9252
City Park	—	—	—	—	—	—	—	—	—	—	0.10827	0.00000	0.10827	0.01082	0.00000	0.37881
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	15.2356	0.00000	15.2356	1.52274	0.00000	53.3041

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59886
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59886

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.61717
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59886
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59886

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	1/4/2027	2/5/2027	5.00000	25.0000	—

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Grading	Grading	2/8/2027	5/14/2027	5.00000	70.0000	—
Building Construction	Building Construction	5/17/2027	4/21/2028	5.00000	245.000	—
Paving	Paving	4/23/2028	6/16/2028	5.00000	40.0000	—
Architectural Coating	Architectural Coating	2/7/2028	6/30/2028	5.00000	105.000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 2	3.00000	8.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/ Backhoes	Diesel	Tier 2	4.00000	8.00000	84.0000	0.37000
Grading	Graders	Diesel	Tier 2	1.000000	8.00000	148.000	0.41000
Grading	Excavators	Diesel	Tier 2	2.00000	8.00000	36.0000	0.38000
Grading	Tractors/Loaders/ Backhoes	Diesel	Tier 2	2.00000	8.00000	84.0000	0.37000
Grading	Scrapers	Diesel	Tier 2	2.00000	8.00000	423.000	0.48000
Grading	Rubber Tired Dozers	Diesel	Tier 2	1.000000	8.00000	367.000	0.40000
Building Construction	Forklifts	Diesel	Tier 2	3.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Building Construction	Cranes	Diesel	Tier 2	1.000000	7.00000	367.000	0.29000
Building Construction	Welders	Diesel	Tier 2	1.000000	8.00000	46.0000	0.45000

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Tractors/Loaders/ Backhoes	Diesel	Tier 2	3.00000	7.00000	84.0000	0.37000
Paving	Pavers	Diesel	Tier 2	2.00000	8.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Tier 2	2.00000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Tier 2	2.00000	8.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Tier 2	1.000000	6.00000	37.0000	0.48000

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 3	3.00000	8.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/ Backhoes	Diesel	Tier 3	4.00000	8.00000	84.0000	0.37000
Grading	Graders	Diesel	Tier 3	1.000000	8.00000	148.000	0.41000
Grading	Excavators	Diesel	Tier 3	2.00000	8.00000	36.0000	0.38000
Grading	Tractors/Loaders/ Backhoes	Diesel	Tier 3	2.00000	8.00000	84.0000	0.37000
Grading	Scrapers	Diesel	Tier 3	2.00000	8.00000	423.000	0.48000
Grading	Rubber Tired Dozers	Diesel	Tier 3	1.000000	8.00000	367.000	0.40000
Building Construction	Forklifts	Diesel	Tier 3	3.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Building Construction	Cranes	Diesel	Tier 3	1.000000	7.00000	367.000	0.29000
Building Construction	Welders	Diesel	Tier 3	1.000000	8.00000	46.0000	0.45000

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Tractors/Loaders/ Backhoes	Diesel	Tier 3	3.00000	7.00000	84.0000	0.37000
Paving	Pavers	Diesel	Tier 3	2.00000	8.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Tier 3	2.00000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Tier 3	2.00000	8.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Tier 3	1.000000	6.00000	37.0000	0.48000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	Worker	17.5000	14.3000	LDA,LDT1,LDT2
Site Preparation	Vendor	—	8.80000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	Worker	20.0000	14.3000	LDA,LDT1,LDT2
Grading	Vendor	—	8.80000	HHDT,MHDT
Grading	Hauling	157.271	20.0000	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	Worker	93.2400	14.3000	LDA,LDT1,LDT2
Building Construction	Vendor	27.6871	8.80000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	Onsite truck	—	—	HHDT
Paving	Worker	15.0000	14.3000	LDA,LDT1,LDT2
Paving	Vendor	—	8.80000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	18.6480	14.3000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.80000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	Worker	17.5000	14.3000	LDA,LDT1,LDT2
Site Preparation	Vendor	—	8.80000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	Worker	20.0000	14.3000	LDA,LDT1,LDT2
Grading	Vendor	—	8.80000	HHDT,MHDT
Grading	Hauling	157.271	20.0000	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	Worker	93.2400	14.3000	LDA,LDT1,LDT2

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	Vendor	27.6871	8.80000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	Worker	15.0000	14.3000	LDA,LDT1,LDT2
Paving	Vendor	—	8.80000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	18.6480	14.3000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.80000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	1,022,726	340,909	0.00000	0.00000	28,775.7

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00000	0.00000	60.0000	0.00000	0.00000
Grading	88,068.0	0.00000	60.0000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	13.8640

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Single Family Housing	2.85399	0%
Paving	City Park	0.00000	0%
Paving	Other Asphalt Surfaces	11.0100	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00000	203.983	0.03300	0.00400
2028	0.00000	203.983	0.03300	0.00400

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	2,421.65	2,421.65	2,421.65	883,902	31,209.3	31,209.3	31,209.3	11,391,403
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	2,421.65	2,421.65	2,421.65	883,902	31,209.3	31,209.3	31,209.3	11,391,403
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Single Family Housing	Wood Fireplaces	0	0
Single Family Housing	Gas Fireplaces	0	0
Single Family Housing	Propane Fireplaces	0	0
Single Family Housing	Electric Fireplaces	0	0
Single Family Housing	No Fireplaces	259	259
Single Family Housing	Conventional Wood Stoves	0	0
Single Family Housing	Catalytic Wood Stoves	0	0
Single Family Housing	Non-Catalytic Wood Stoves	0	0
Single Family Housing	Pellet Wood Stoves	0	0
City Park	Wood Fireplaces	0	0
City Park	Gas Fireplaces	0	0
City Park	Propane Fireplaces	0	0
City Park	Electric Fireplaces	0	0
City Park	No Fireplaces	0	0
City Park	Conventional Wood Stoves	0	0
City Park	Catalytic Wood Stoves	0	0
City Park	Non-Catalytic Wood Stoves	0	0
City Park	Pellet Wood Stoves	0	0
Other Asphalt Surfaces	Wood Fireplaces	0	0
Other Asphalt Surfaces	Gas Fireplaces	0	0

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Other Asphalt Surfaces	Propane Fireplaces	0	0
Other Asphalt Surfaces	Electric Fireplaces	0	0
Other Asphalt Surfaces	No Fireplaces	0	0
Other Asphalt Surfaces	Conventional Wood Stoves	0	0
Other Asphalt Surfaces	Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Non-Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
1,022,726	340,909	0.00000	0.00000	28,775.7

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	180.000

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	180.000

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	4,416,341	203.983	0.0330	0.0040	0.00000
City Park	0.00000	203.983	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	203.983	0.0330	0.0040	0.00000

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	4,270,924	203.983	0.0330	0.0040	0.00000
City Park	0.00000	203.983	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	203.983	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	9,034,237	0.00000
City Park	0.00000	566,872
Other Asphalt Surfaces	0.00000	0.00000

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	8,196,763	0.00000
City Park	0.00000	227,880
Other Asphalt Surfaces	0.00000	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	169.536	0.00000
City Park	1.21346	0.00000
Other Asphalt Surfaces	0.00000	0.00000

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	169.536	0.00000
City Park	1.21346	0.00000
Other Asphalt Surfaces	0.00000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
City Park	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
City Park	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	Project would construct 259 single-family residential lots with approximately 14.11 acres of HOA and public open space and 11.01 acres of paved area on a 59.9 acre property
Construction: Construction Phases	No demolition is anticipated as part of the proposed project. Construction of the proposed project is anticipated to begin in 2027 or 2028 and would commence within 12 to 18 months of project approval. This analysis assumes construction to begin in 2027 and last 18 months
Construction: Off-Road Equipment	Default tier 2 equipment
Construction: Dust From Material Movement	Project would require 88,068 cubic yards of net import soil. Assumed material imported to be phased.
Construction: On-Road Fugitive Dust	Project is located in an urban area. Assume all vehicles would travel on paved roads

Screen	Justification
Operations: Vehicle Data	Project would generate 2,422 ADT. Trip rates based on this trip generation Trip rate = 2,422 / 259 = 9.35
Operations: Road Dust	Project is located in an urban setting. Assume vehicles would travel on paved roads
Operations: Energy Use	Project would be all-electric

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	84.0909	34.7800
Landscape Area	sq. ft	3,033,630	0.00000
Special Landscape Area	sq. ft	—	0.00000
Landscape Area	sq. ft	—	43,560.0
Special Landscape Area	sq. ft	43,560.0	0.00000
Recreational Building Area	sq. ft	—	0.00000

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Site Preparation	Site Preparation	Start Date	4/13/2027	1/4/2027
Site Preparation	Site Preparation	End Date	6/8/2027	2/5/2027
Site Preparation	Site Preparation	Work Days per Phase	40.0000	25.0000

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Grading	Grading	Start Date	6/9/2027	2/8/2027
Grading	Grading	End Date	11/10/2027	5/14/2027
Grading	Grading	Work Days per Phase	110.000	70.0000
Building Construction	Building Construction	Start Date	11/11/2027	5/17/2027
Building Construction	Building Construction	End Date	2/12/2032	4/21/2028
Building Construction	Building Construction	Work Days per Phase	1,110.00	245.000
Paving	Paving	Start Date	2/13/2032	4/23/2028
Paving	Paving	End Date	5/28/2032	6/16/2028
Paving	Paving	Work Days per Phase	75.0000	40.0000
Architectural Coating	Architectural Coating	Start Date	5/29/2032	2/7/2028
Architectural Coating	Architectural Coating	End Date	9/11/2032	6/30/2028
Architectural Coating	Architectural Coating	Work Days per Phase	75.0000	105.000

8.4.2. Off-Road Equipment

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Site Preparation	Rubber Tired Dozers	Engine Tier	Average	Tier 2
Site Preparation	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 2
Grading	Graders	Engine Tier	Average	Tier 2
Grading	Excavators	Engine Tier	Average	Tier 2
Grading	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 2
Grading	Scrapers	Engine Tier	Average	Tier 2

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Grading	Rubber Tired Dozers	Engine Tier	Average	Tier 2
Building Construction	Forklifts	Engine Tier	Average	Tier 2
Building Construction	Cranes	Engine Tier	Average	Tier 2
Building Construction	Welders	Engine Tier	Average	Tier 2
Building Construction	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 2
Paving	Pavers	Engine Tier	Average	Tier 2
Paving	Paving Equipment	Engine Tier	Average	Tier 2
Paving	Rollers	Engine Tier	Average	Tier 2
Architectural Coating	Air Compressors	Engine Tier	Average	Tier 2

8.4.4. Dust from Material Movement

Phase Name	Model Parameter	Units	Default Value	New Value
Site Preparation	Material Imported	Cubic Yards	—	0.00000
Site Preparation	Material Exported	Cubic Yards	—	0.00000
Site Preparation	Total Acres Graded	acres	37.5000	60.0000
Grading	Material Imported	Cubic Yards	—	88,068.0
Grading	Material Exported	Cubic Yards	—	0.00000
Grading	Material Import/Export Phased?	—	—	Yes
Grading	Total Acres Graded	acres	210.000	60.0000

8.4.7. On-Road Fugitive Dust

Phase Name	Model Parameter	Units	Default Value	New Value
Site Preparation	Worker Trip Paved	%	94.0000	100.0000
Site Preparation	Vendor Trip Paved	%	94.0000	100.0000
Site Preparation	Hauling Trip Paved	%	94.0000	100.0000
Grading	Worker Trip Paved	%	94.0000	100.0000
Grading	Vendor Trip Paved	%	94.0000	100.0000
Grading	Hauling Trip Paved	%	94.0000	100.0000
Building Construction	Worker Trip Paved	%	94.0000	100.0000
Building Construction	Vendor Trip Paved	%	94.0000	100.0000
Building Construction	Hauling Trip Paved	%	94.0000	100.0000
Paving	Worker Trip Paved	%	94.0000	100.0000
Paving	Vendor Trip Paved	%	94.0000	100.0000
Paving	Hauling Trip Paved	%	94.0000	100.0000
Architectural Coating	Worker Trip Paved	%	94.0000	100.0000
Architectural Coating	Vendor Trip Paved	%	94.0000	100.0000
Architectural Coating	Hauling Trip Paved	%	94.0000	100.0000

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Single Family Housing	Weekday Trip Rate	size/day	9.44000	9.35000
Single Family Housing	Saturday Trip Rate	size/day	9.54000	9.35000
Single Family Housing	Sunday Trip Rate	size/day	8.55000	9.35000
City Park	Weekday Trip Rate	size/day	0.78000	0.00000
City Park	Saturday Trip Rate	size/day	1.96000	0.00000
City Park	Sunday Trip Rate	size/day	2.19000	0.00000

8.5.1.4. Road Dust

Model Parameter	Units	Default Value	New Value
% Paved	%	94.0000	100.0000

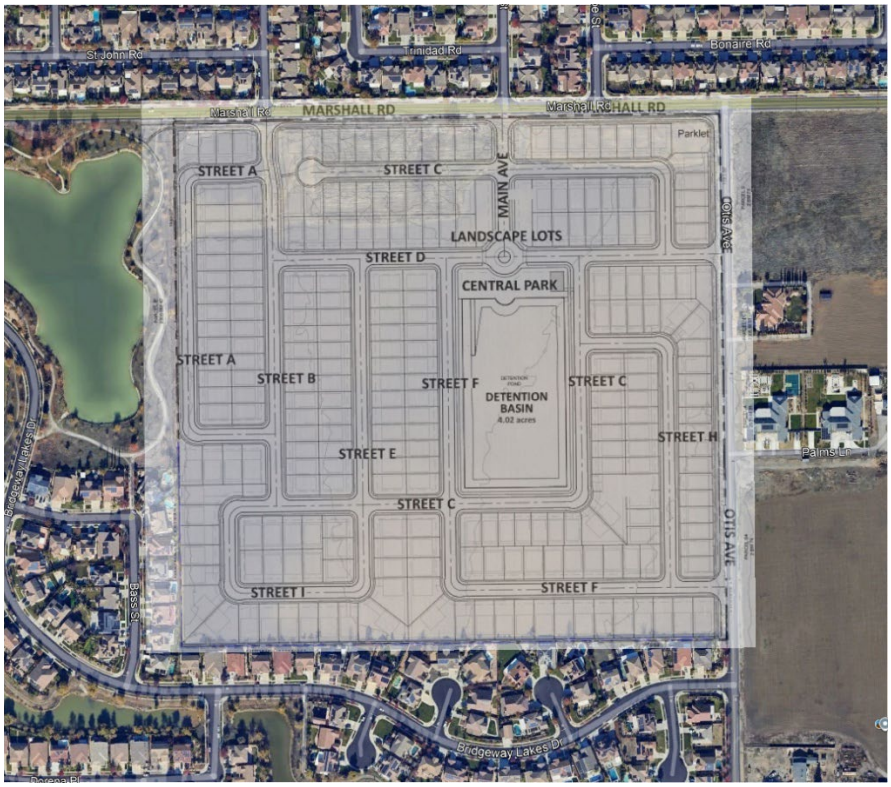
8.5.3. Energy Usage

Land Use	Model Parameter	Units	Default Value	New Value
Single Family Housing	Electricity	kWh/yr	2,208,159	4,416,341
Single Family Housing	Electricity (Subject to Title 24)	kWh/yr	598,467	2,690,551
Single Family Housing	Electricity (Not Subject to Title 24)	kWh/yr	1,609,691	1,725,789
Single Family Housing	Natural Gas	kBTU/yr	7,534,317	0.00000
Single Family Housing	Natural Gas (Not Subject to Title 24)	kBTU/yr	396,126	0.00000

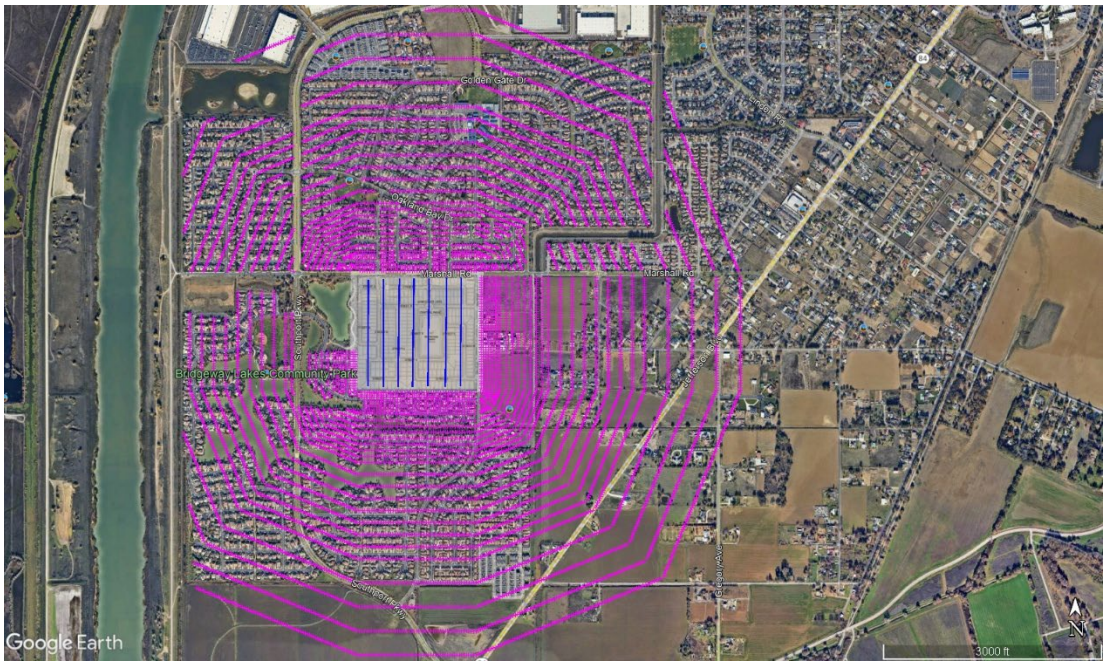
APPENDIX B

HRA MODEL SNAPSHOTS AND OUTPUT

Project Location

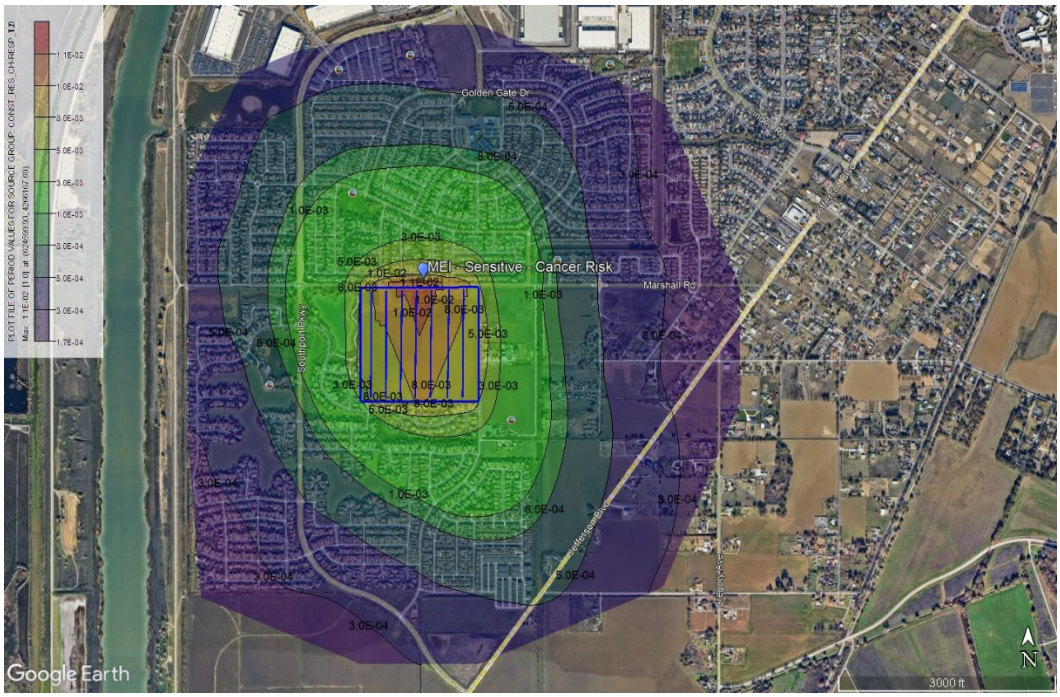


Receptor Grid

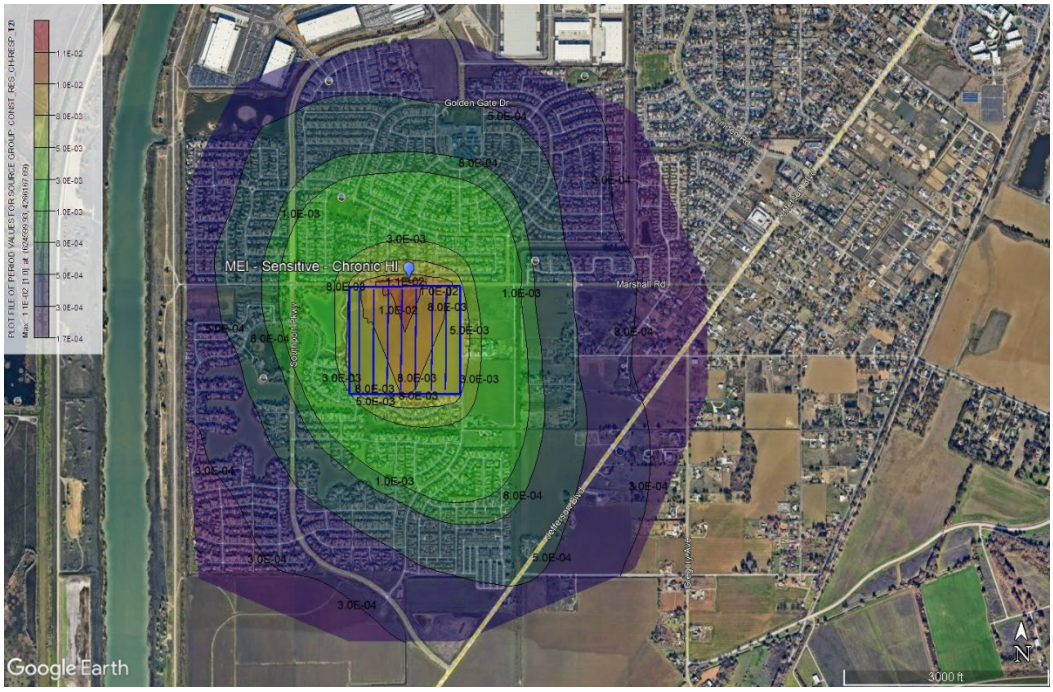


Unmitigated Tier 2 Construction Health Risk to Nearby Receptors

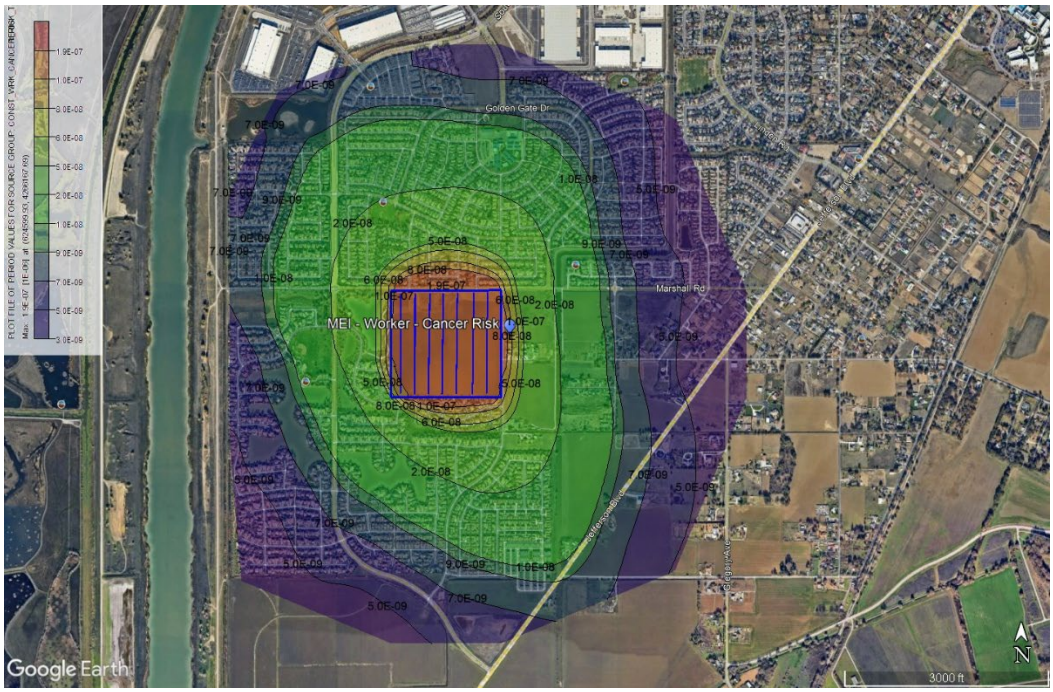
Construction Cancer Risk – Sensitive Receptor



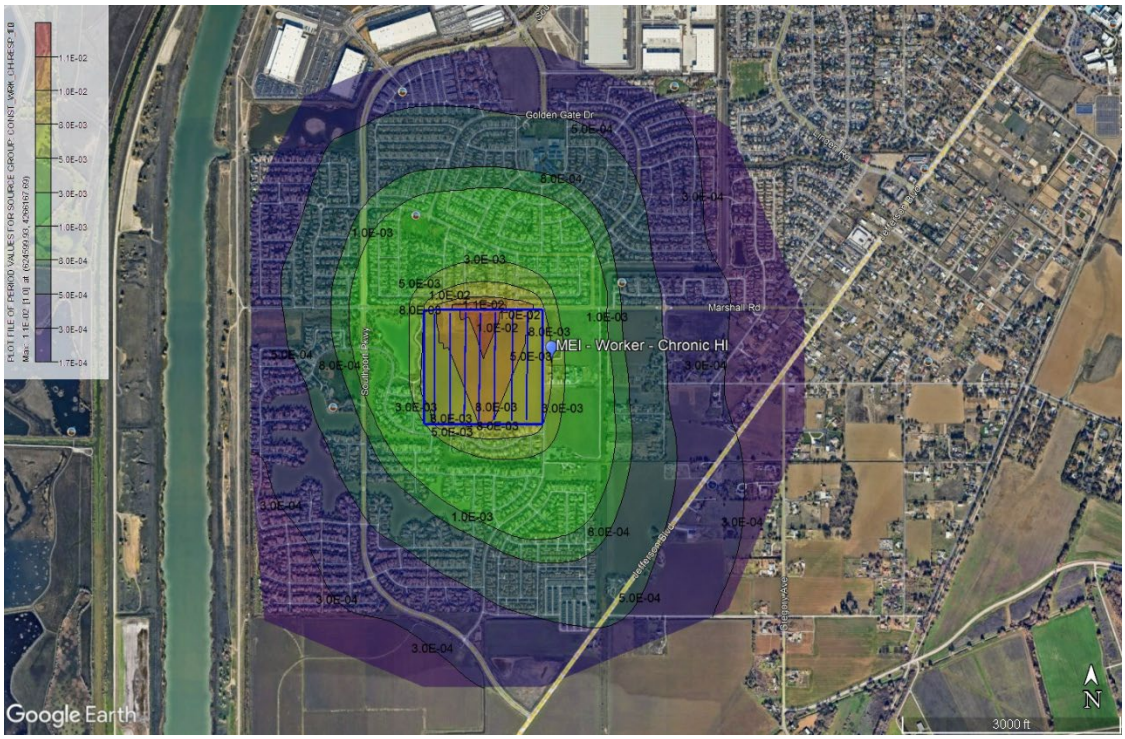
Construction Chronic Health Index – Sensitive Receptor



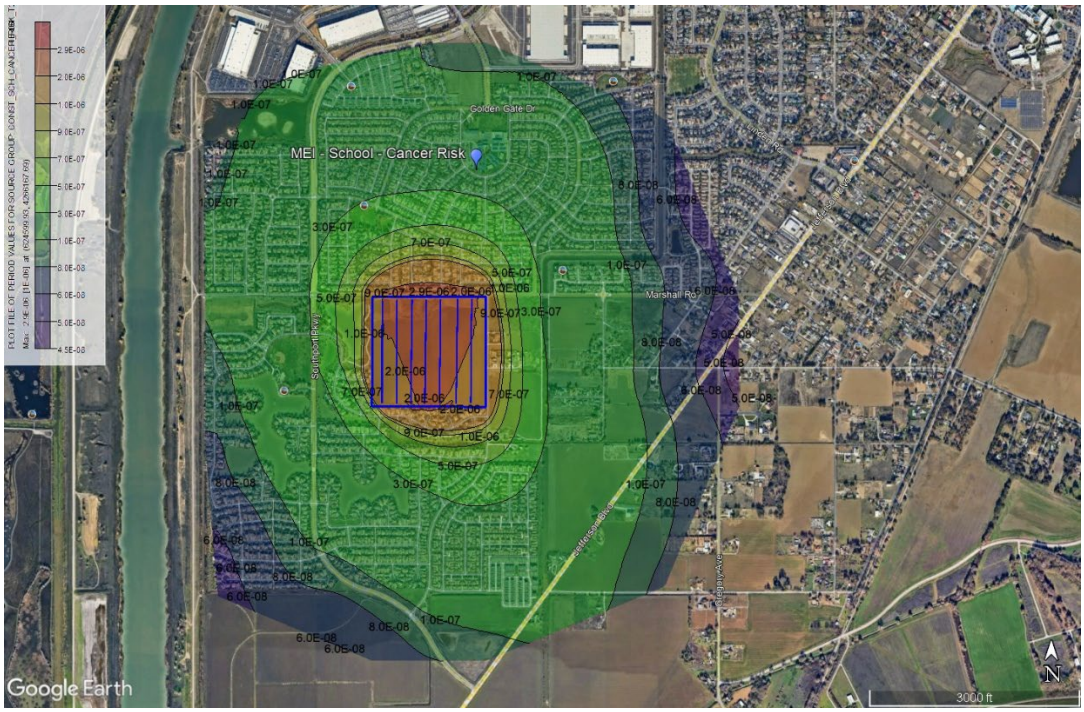
Construction Cancer Risk – Worker Receptor



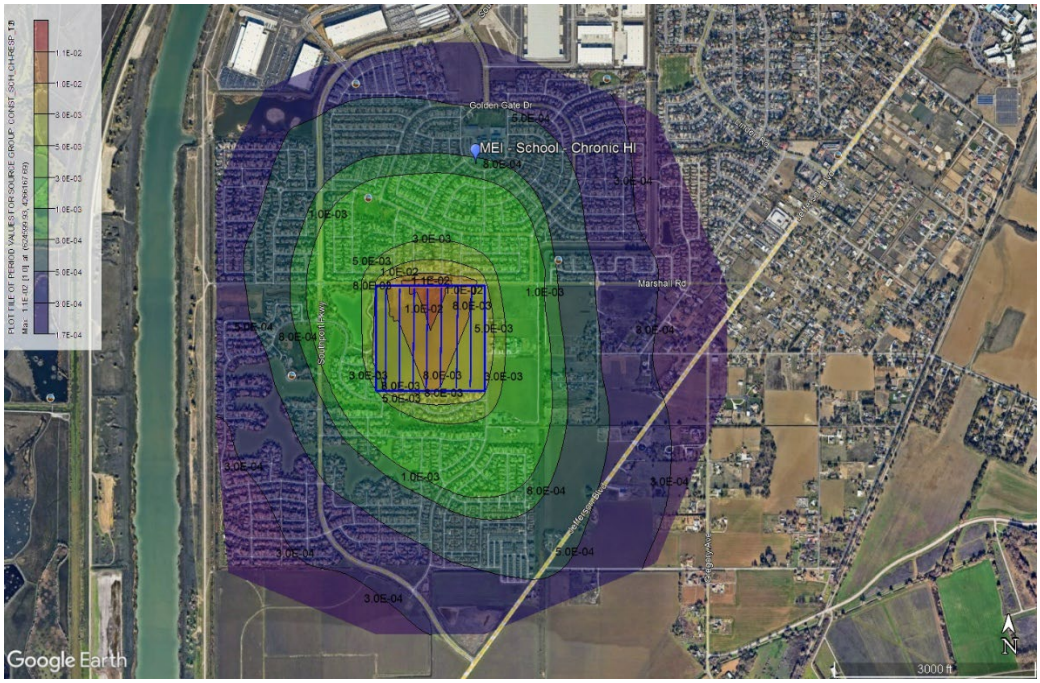
Construction Chronic Health Index – Worker Receptor



Construction Cancer Risk – School Receptor

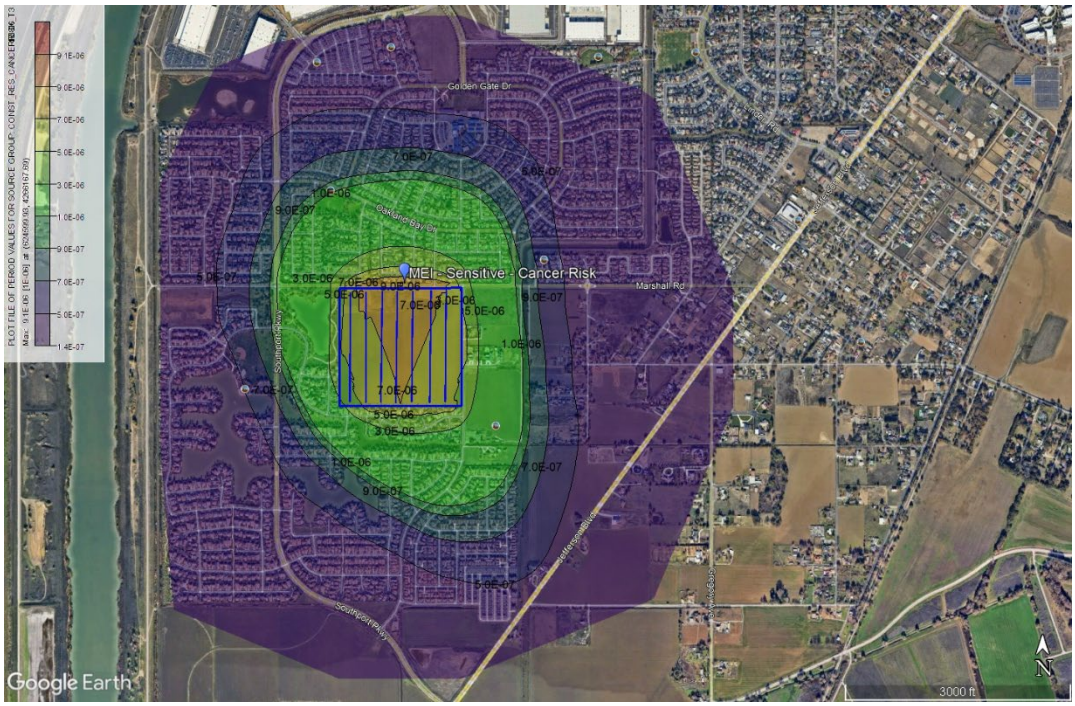


Construction Chronic Health Index – School Receptor

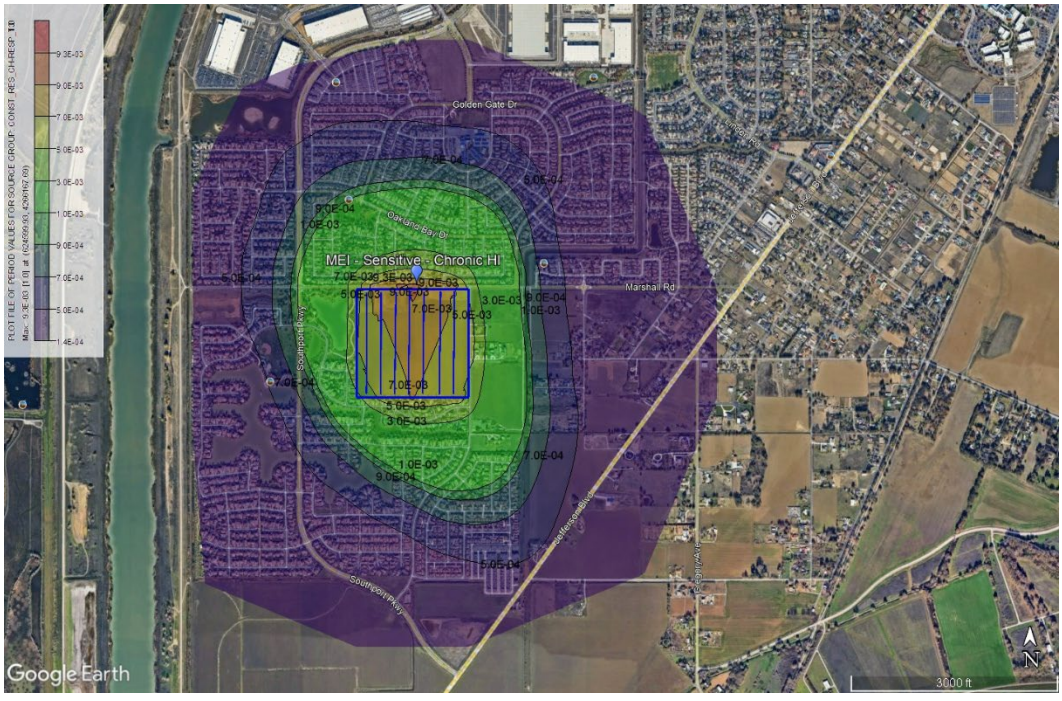


Mitigated Tier 3 Construction Health Risk to Nearby Receptors

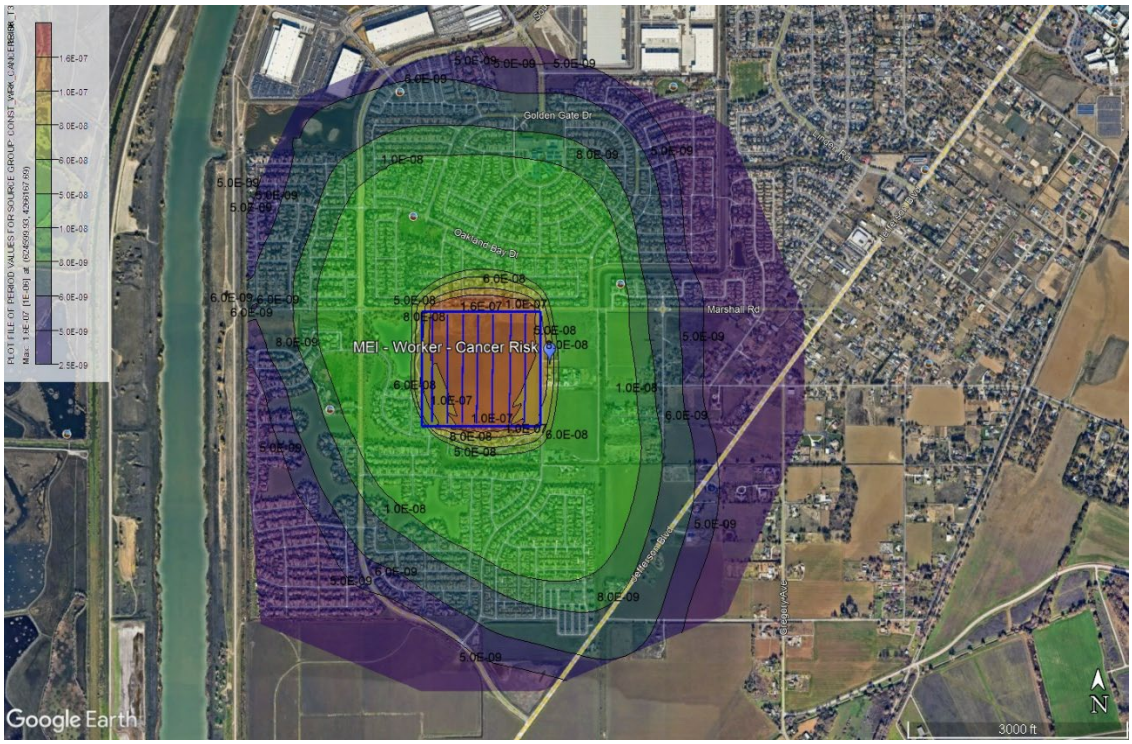
Construction Cancer Risk – Sensitive Receptor



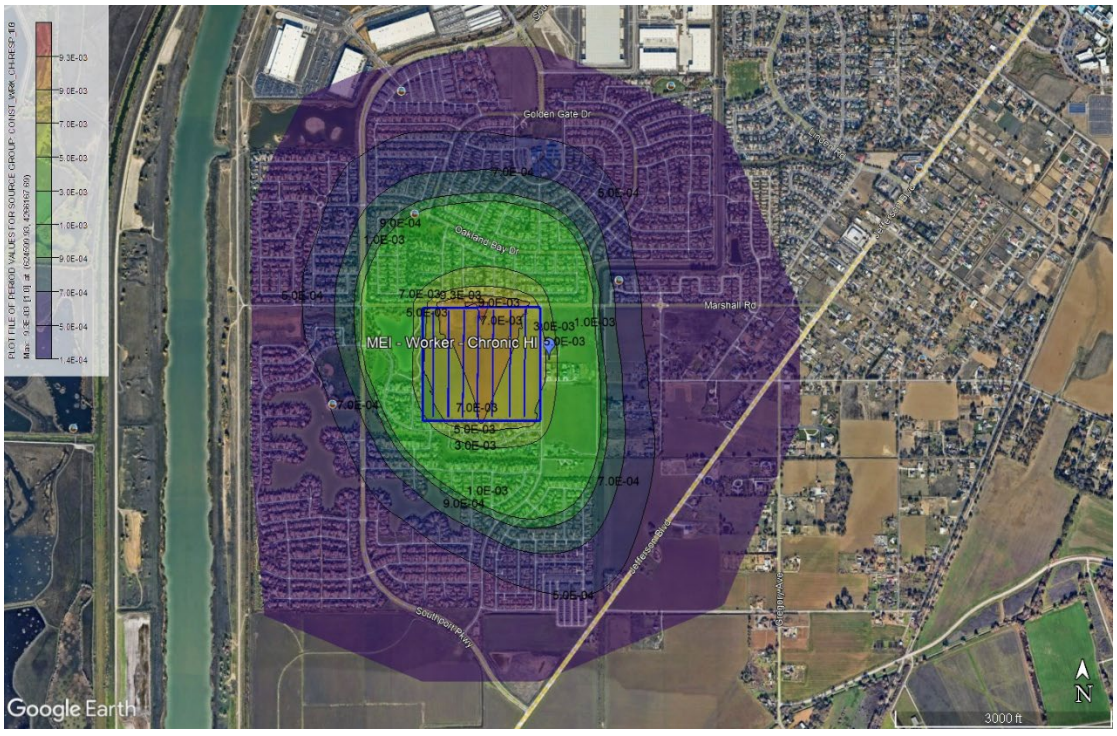
Construction Chronic Health Index – Sensitive Receptor



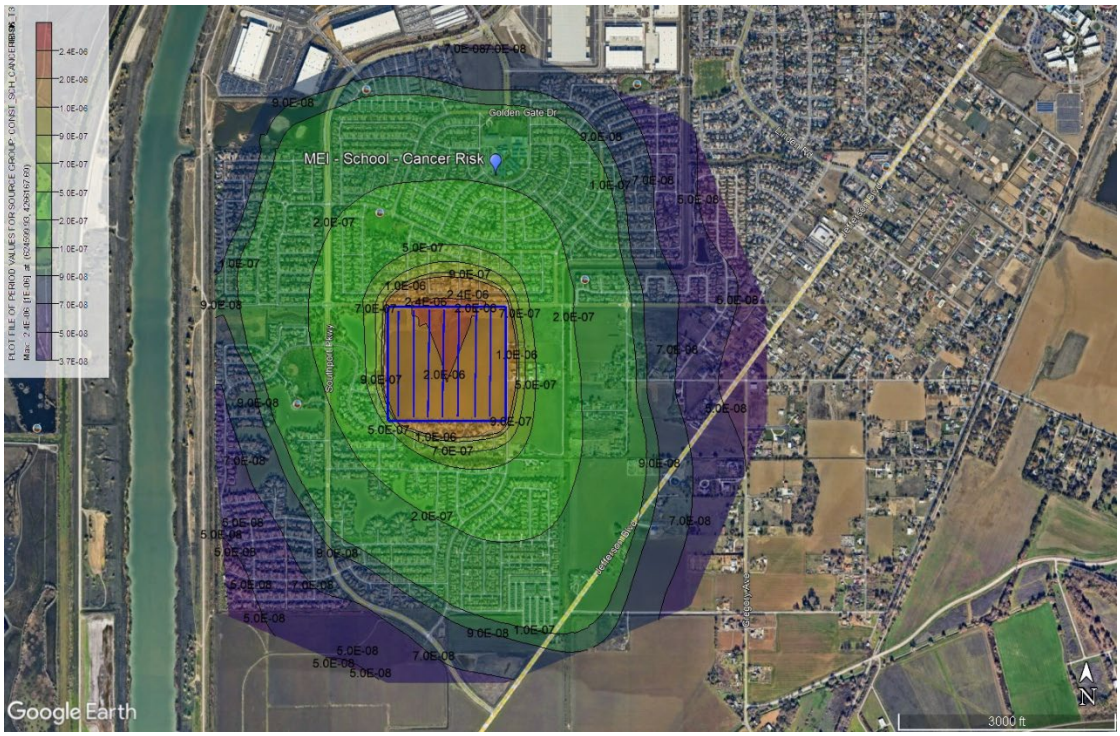
Construction Cancer Risk – Worker Receptor



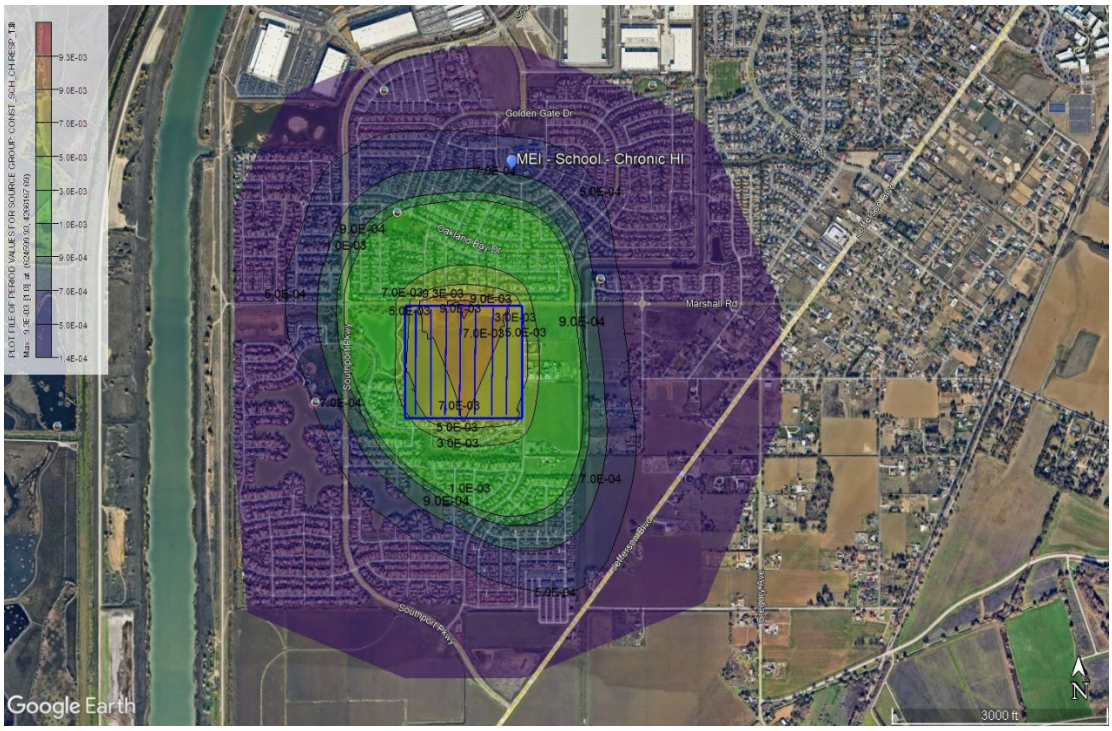
Construction Chronic Health Index – Worker Receptor



Construction Cancer Risk – School Receptor



Construction Chronic Health Index – School Receptor



Construction MEI (Sensitive) - Cancer Risk (in a Million) HARP Rec #: 4827 X: 624599.93 Y: 4266167.69			
T2	T3	T4i	T4f
11.13	9.07	2.19	1.55
MEI (Sensitive) - Chronic Hazard Index HARP Rec #: 624599.93 X: 4266167.69 Y: 0.011176			
T2	T3	T4i	T4f
1.12E-02	9.34E-03	2.21E-03	1.72E-03
MEI (Sensitive) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T2	T3	T4i	T4f
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (Sensitive) - PM 2.5 HARP Rec #: 1 X: 0 Y: 0			
T2	T3	T4i	T4f
0.000	0.000	0.000	0.000

Construction MEI (Worker) - Cancer Risk (in a Million) HARP Rec #: 7054 X: 624871.12 Y: 4265933.91			
T2	T3	T4i	T4f
0.11	0.09	0.02	0.02
MEI (Worker) - Chronic Hazard Index HARP Rec #: 7054 X: 624871.12 Y: 4265933.91			
T2	T3	T4i	T4f
6.31E-03	5.27E-03	1.25E-03	9.73E-04
MEI (Worker) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T2	T3	T4i	T4f
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (Worker) - PM 2.5 HARP Rec #: 1 X: 0 Y: 0			
T2	T3	T4i	T4f
0.000	0.000	0.000	0.000

Construction MEI (School) - Cancer Risk (in a Million) HARP Rec #: 6225 X: 624778.36 Y: 4266700.96			
T2	T3	T4i	T4f
0.22	0.18	0.04	0.03
MEI (School) - Chronic Hazard Index HARP Rec #: 6225 X: 624778.36 Y: 4266700.96			
T2	T3	T4i	T4f
8.56E-04	7.16E-04	1.69E-04	1.32E-04
MEI (School) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T2	T3	T4i	T4f
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (School) - PM 2.5 HARP Rec #: 1 X: 0 Y: 0			
T2	T3	T4i	T4f
0.0000	0.0000	0.0000	0.0000

Operational Sensitive Receptor			
Parameter	**HARP Rec #**	**X & Y Coordinate**	**Result**
30 Yr Cancer Risk (in a Million)	0	0 0	0.00
70 Yr Cancer Risk (in a Million)	0	0 0	0.00
Chronic HI	0	0 0	0.00E+00
Acute HI	0	0 0	0.00E+00
PM 2.5	0	0 0	0.0000

Operational Worker Receptor			
Parameter	**HARP Rec #**	**X & Y Coordinate**	**Result**
25 Yr Cancer Risk (in a Million)	0	0 0	0.00
Chronic HI	0	0 0	0.00E+00
Acute HI	0	0 0	0.00E+00
PM 2.5	0	0 0	0.00E+00

Operational School Receptor			
Parameter	**HARP Rec #**	**X & Y Coordinate**	**Result**
9 Yr Cancer Risk (in a Million)	0	0 0	0.00
Chronic HI	0	0 0	0.00E+00
Acute HI	0	0 0	0.00E+00
PM 2.5	0	0 0	0.0000

Description	Receptor Type	Model Type	UTM X	UTM Y	Latitude	Longitude
Construction	Sensitive	Cancer Risk	624599.93	4266167.69	38.53519886	-121.5704044
Construction	Sensitive	Chronic HI	624599.93	4266167.69	38.53519886	-121.5704044
Construction	Sensitive	Acute HI	0	0		
Construction	Sensitive	PM 2.5	0.00	0.00		
Construction	School	Cancer Risk	624778.36	4266700.96	38.53997821	-121.5682625
Construction	School	Chronic HI	624778.36	4266700.96	38.53997821	-121.5682625
Construction	School	Acute HI	0	0		
Construction	School	PM 2.5	0.00	0.00		
Construction	Worker	Cancer Risk	624871.12	4265933.91	38.53305465	-121.5673356
Construction	Worker	Chronic HI	624871.12	4265933.91	38.53305465	-121.5673356

General AERMOD Input Parameters			
Project Boundary			
	Based on site plan		
Project Elevation Data			
	Source	**Lakes Environmental**	
	Link	http://www.webgis.com/terraindata.html	
	Evel Data Descr.	**7.5 min DEM**	
Project Receptor Grid			
	Telescoping Grid	Spacing (m)	Distance (m)
	Grid 1	**10**	**100**
	Grid 2	**20**	**200**
	Grid 3	**40**	**400**
	Grid 4	**80**	**400**
	Comments	**Receptors on roads or parking lot areas have been removed.**	
Meteorological Dataset			
	Location	**Sac Exec**	
	Provided By	**LSA AERMET 24142 AERSURFACE 24142 w/ Land Cover & Canopy & Impervious Data**	
	Years	**2020 - 2024**	
	Elevation (m)	**16**	
	Link		
Construction Modeling Specific Inputs			
AERMOD Input Options			
	Regulatory Options	**Default**	
	Pollutant Type	**Other**	
	Averaging Period	**Period & Hourly**	
	Dispersion Coefficient	**Rural**	
	County	**Yolo County**	
	Urban Grouping / Pop	**N**	
	# of Worker Receptors	**9,699**	
	# of Sensitive Receptors		
	# of School Receptors		
Construction Area Parameters			
	Source Type	**Volume Sources**	
	Ht. of Source (m)	**Per Yolo / Sac APCD Guidance**	

General HARP Input Parameters		
Construction		
School Receptors		
School Scenario Parameters		
	Class Grade	**K-12**
	Starting Age	**4**
	Age Range	**4 Year Old - 5 Years Old**
	Receptor Type	**Individual Resident**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**1**
	Intake Rate	**OEHHA Derived Method**
	Comments	**Each year of construction is modeled separately and the impact to each receptor is summed to estimate the total exposure from construction emissions. Additionally, the starting age is increased for each year of construction.**
School Pathway Parameters		
	Pathways	**Mandatory Minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**N**
	TAH ≥ 16 yrs	**N**
Sensitive Receptors		
Sensitive Scenario Parameters		
	Starting Age	**3rd Trimester**
	Age Range	**3rd Trimester - 1 Year**
	Receptor Type	**Individual Resident**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**1**
	Intake Rate	**OEHHA Derived Method**
	Comments	**Each year of construction is modeled separately and the impact to each receptor is summed to estimate the total exposure from construction emissions. Additionally, the starting age is increased for each year of construction.**
Sensitive Pathway Parameters		
	Pathways	**Mandatory Minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**Y**
	TAH ≥ 16 yrs	**Y**
Worker Receptors		
Worker Scenario Parameters		
	Starting Age	**16**
	Age Range	**16 - 17**
	Receptor Type	**Worker**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**1**
	Intake Rate	**OEHHA Derived Method**

	Comments	**Each year of construction is modeled separately and the impact to each receptor is summed to estimate the total exposure from construction emissions. Additionally, the starting age is increased for each year of construction.**
Worker Pathway Parameters		
	Pathways	**Mandatory Minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**N**
	TAH ≥ 16 yrs	**N**

			T2		6229	T3			T4i			T4f		
					2.24E-07			1.82E-07			4.40E-08			3.10E-08
					4266700.96									
			Yr 1	Yr 2	Total	Yr 1	Yr 2	Total	Yr 1	Yr 2	Total	Yr 1	Yr 2	Total
1	624845.6	4265665.17	1.04E-06	3.57E-07	1.40E-06	8.68E-07	2.67E-07	1.14E-06	2.06E-07	6.84E-08	2.74E-07	1.60E-07	3.30E-08	1.93E-07
2	624835.69	4265665.04	1.13E-06	3.89E-07	1.52E-06	9.47E-07	2.92E-07	1.24E-06	2.24E-07	7.46E-08	2.99E-07	1.75E-07	3.59E-08	2.11E-07
3	624825.78	4265664.9	1.23E-06	4.24E-07	1.66E-06	1.03E-06	3.18E-07	1.35E-06	2.44E-07	8.13E-08	3.26E-07	1.90E-07	3.92E-08	2.30E-07
4	624815.87	4265664.76	1.33E-06	4.58E-07	1.79E-06	1.11E-06	3.43E-07	1.46E-06	2.64E-07	8.78E-08	3.51E-07	2.06E-07	4.23E-08	2.48E-07
5	624805.96	4265664.62	1.39E-06	4.80E-07	1.87E-06	1.17E-06	3.59E-07	1.52E-06	2.76E-07	9.19E-08	3.68E-07	2.15E-07	4.43E-08	2.59E-07
6	624796.06	4265664.49	1.39E-06	4.77E-07	1.86E-06	1.16E-06	3.57E-07	1.52E-06	2.74E-07	9.14E-08	3.66E-07	2.14E-07	4.40E-08	2.58E-07
7	624786.15	4265664.35	1.35E-06	4.65E-07	1.82E-06	1.13E-06	3.48E-07	1.48E-06	2.68E-07	8.91E-08	3.57E-07	2.09E-07	4.29E-08	2.52E-07
8	624776.24	4265664.21	1.36E-06	4.69E-07	1.83E-06	1.14E-06	3.51E-07	1.49E-06	2.70E-07	8.99E-08	3.60E-07	2.10E-07	4.33E-08	2.54E-07
9	624766.33	4265664.07	1.41E-06	4.85E-07	1.90E-06	1.18E-06	3.63E-07	1.54E-06	2.79E-07	9.30E-08	3.72E-07	2.18E-07	4.48E-08	2.63E-07
10	624756.42	4265663.94	1.47E-06	5.06E-07	1.98E-06	1.23E-06	3.79E-07	1.61E-06	2.92E-07	9.70E-08	3.89E-07	2.27E-07	4.67E-08	2.74E-07
11	624746.51	4265663.8	1.52E-06	5.22E-07	2.04E-06	1.27E-06	3.91E-07	1.66E-06	3.01E-07	1.00E-07	4.01E-07	2.34E-07	4.82E-08	2.83E-07
12	624736.6	4265663.66	1.50E-06	5.18E-07	2.02E-06	1.26E-06	3.87E-07	1.65E-06	2.98E-07	9.92E-08	3.97E-07	2.32E-07	4.78E-08	2.80E-07
13	624726.69	4265663.52	1.44E-06	4.94E-07	1.93E-06	1.20E-06	3.70E-07	1.57E-06	2.84E-07	9.46E-08	3.79E-07	2.22E-07	4.56E-08	2.67E-07
14	624716.79	4265663.39	1.40E-06	4.82E-07	1.88E-06	1.17E-06	3.61E-07	1.53E-06	2.77E-07	9.24E-08	3.70E-07	2.16E-07	4.45E-08	2.61E-07
15	624706.88	4265663.25	1.41E-06	4.86E-07	1.90E-06	1.18E-06	3.64E-07	1.55E-06	2.80E-07	9.32E-08	3.73E-07	2.18E-07	4.49E-08	2.63E-07
16	624696.97	4265663.11	1.45E-06	5.00E-07	1.95E-06	1.21E-06	3.74E-07	1.59E-06	2.88E-07	9.57E-08	3.83E-07	2.24E-07	4.61E-08	2.70E-07
17	624687.06	4265662.98	1.51E-06	5.18E-07	2.02E-06	1.26E-06	3.88E-07	1.65E-06	2.98E-07	9.92E-08	3.97E-07	2.32E-07	4.78E-08	2.80E-07
18	624677.15	4265662.84	1.55E-06	5.33E-07	2.08E-06	1.30E-06	3.99E-07	1.70E-06	3.07E-07	1.02E-07	4.09E-07	2.39E-07	4.92E-08	2.89E-07
19	624667.24	4265662.7	1.56E-06	5.35E-07	2.09E-06	1.30E-06	4.01E-07	1.70E-06	3.08E-07	1.03E-07	4.11E-07	2.40E-07	4.94E-08	2.90E-07
20	624657.33	4265662.56	1.51E-06	5.20E-07	2.03E-06	1.27E-06	3.90E-07	1.65E-06	3.00E-07	9.97E-08	3.99E-07	2.34E-07	4.80E-08	2.82E-07
21	624647.42	4265662.43	1.48E-06	5.11E-07	2.00E-06	1.24E-06	3.82E-07	1.62E-06	2.94E-07	9.78E-08	3.92E-07	2.29E-07	4.71E-08	2.76E-07
22	624637.52	4265662.29	1.50E-06	5.17E-07	2.02E-06	1.26E-06	3.87E-07	1.64E-06	2.98E-07	9.90E-08	3.97E-07	2.32E-07	4.77E-08	2.80E-07
23	624627.61	4265662.15	1.55E-06	5.34E-07	2.09E-06	1.30E-06	4.00E-07	1.70E-06	3.07E-07	1.02E-07	4.10E-07	2.40E-07	4.93E-08	2.89E-07
24	624617.7	4265662.01	1.62E-06	5.56E-07	2.17E-06	1.35E-06	4.16E-07	1.77E-06	3.20E-07	1.07E-07	4.27E-07	2.49E-07	5.13E-08	3.01E-07
25	624607.79	4265661.88	1.66E-06	5.71E-07	2.23E-06	1.39E-06	4.27E-07	1.81E-06	3.28E-07	1.09E-07	4.38E-07	2.56E-07	5.27E-08	3.09E-07
26	624597.88	4265661.74	1.63E-06	5.59E-07	2.18E-06	1.36E-06	4.18E-07	1.78E-06	3.22E-07	1.07E-07	4.29E-07	2.51E-07	5.16E-08	3.02E-07
27	624587.97	4265661.6	1.54E-06	5.30E-07	2.07E-06	1.29E-06	3.97E-07	1.68E-06	3.05E-07	1.02E-07	4.07E-07	2.38E-07	4.89E-08	2.87E-07
28	624578.06	4265661.46	1.51E-06	5.20E-07	2.03E-06	1.26E-06	3.90E-07	1.65E-06	3.00E-07	9.97E-08	3.99E-07	2.33E-07	4.80E-08	2.81E-07
29	624568.15	4265661.33	1.53E-06	5.28E-07	2.06E-06	1.28E-06	3.95E-07	1.68E-06	3.04E-07	1.01E-07	4.05E-07	2.37E-07	4.87E-08	2.85E-07
30	624558.24	4265661.19	1.58E-06	5.42E-07	2.12E-06	1.32E-06	4.06E-07	1.72E-06	3.12E-07	1.04E-07	4.16E-07	2.43E-07	5.00E-08	2.93E-07
31	624548.34	4265661.05	1.61E-06	5.52E-07	2.16E-06	1.34E-06	4.13E-07	1.75E-06	3.18E-07	1.06E-07	4.23E-07	2.48E-07	5.09E-08	2.99E-07
32	624538.43	4265660.91	1.56E-06	5.38E-07	2.10E-06	1.31E-06	4.03E-07	1.71E-06	3.10E-07	1.03E-07	4.13E-07	2.41E-07	4.97E-08	2.91E-07
33	624528.52	4265660.78	1.46E-06	5.02E-07	1.96E-06	1.22E-06	3.76E-07	1.60E-06	2.89E-07	9.62E-08	3.85E-07	2.25E-07	4.63E-08	2.72E-07
34	624518.61	4265660.64	1.40E-06	4.82E-07	1.89E-06	1.17E-06	3.61E-07	1.53E-06	2.78E-07	9.24E-08	3.70E-07	2.16E-07	4.45E-08	2.61E-07
35	624508.7	4265660.5	1.40E-06	4.80E-07	1.88E-06	1.17E-06	3.60E-07	1.53E-06	2.76E-07	9.20E-08	3.68E-07	2.15E-07	4.43E-08	2.60E-07
36	624498.79	4265660.36	1.41E-06	4.85E-07	1.89E-06	1.18E-06	3.63E-07	1.54E-06	2.79E-07	9.29E-08	3.72E-07	2.17E-07	4.47E-08	2.62E-07
37	624488.88	4265660.23	1.41E-06	4.85E-07	1.90E-06	1.18E-06	3.63E-07	1.54E-06	2.79E-07	9.30E-08	3.72E-07	2.18E-07	4.48E-08	2.63E-07
38	624478.97	4265660.09	1.36E-06	4.67E-07	1.83E-06	1.14E-06	3.50E-07	1.49E-06	2.69E-07	8.95E-08	3.58E-07	2.10E-07	4.31E-08	2.53E-07
39	624469.07	4265659.95	1.25E-06	4.31E-07	1.68E-06	1.05E-06	3.23E-07	1.37E-06	2.48E-07	8.26E-08	3.31E-07	1.93E-07	3.98E-08	2.33E-07
40	624459.16	4265659.81	1.18E-06	4.06E-07	1.59E-06	9.87E-07	3.04E-07	1.29E-06	2.34E-07	7.78E-08	3.11E-07	1.82E-07	3.75E-08	2.20E-07
41	624449.25	4265659.68	1.15E-06	3.97E-07	1.55E-06	9.65E-07	2.97E-07	1.26E-06	2.29E-07	7.61E-08	3.05E-07	1.78E-07	3.66E-08	2.15E-07
42	624439.34	4265659.54	1.15E-06	3.96E-07	1.55E-06	9.63E-07	2.97E-07	1.26E-06	2.28E-07	7.59E-08	3.04E-07	1.78E-07	3.66E-08	2.14E-07
43	624429.43	4265659.4	1.15E-06	3.96E-07	1.55E-06	9.63E-07	2.97E-07	1.26E-06	2.28E-07	7.59E-08	3.04E-07	1.78E-07	3.66E-08	2.14E-07
44	624419.52	4265659.27	1.11E-06	3.81E-07	1.49E-06	9.27E-07	2.86E-07	1.21E-06	2.20E-07	7.31E-08	2.93E-07	1.71E-07	3.52E-08	2.06E-07
45	624409.61	4265659.13	9.76E-07	3.35E-07	1.31E-06	8.15E-07	2.51E-07	1.07E-06	1.93E-07	6.43E-08	2.57E-07	1.51E-07	3.10E-08	1.81E-07
46	624399.7	4265658.99	8.19E-07	2.82E-07	1.10E-06	6.85E-07	2.11E-07	8.95E-07	1.62E-07	5.40E-08	2.16E-07	1.26E-07	2.60E-08	1.52E-07
47	624389.8	4265658.85	7.14E-07	2.45E-07	9.59E-07	5.96E-07	1.84E-07	7.80E-07	1.41E-07	4.70E-08	1.88E-07	1.10E-07	2.26E-08	1.33E-07
48	624379.89	4265658.72	6.37E-07	2.19E-07	8.57E-07	5.33E-07	1.64E-07	6.97E-07	1.26E-07	4.20E-08	1.68E-07	9.84E-08	2.02E-08	1.19E-07
49	624369.98	4265658.58	5.76E-07	1.98E-07	7.74E-07	4.82E-07	1.48E-07	6.30E-07	1.14E-07	3.80E-08	1.52E-07	8.89E-08	1.83E-08	1.07E-07
50	624360.07	4265658.44	5.25E-07	1.81E-07	7.06E-07	4.39E-07	1.35E-07	5.74E-07	1.04E-07	3.46E-08	1.39E-07	8.11E-08	1.67E-08	9.78E-08
51	624872.55	4265668.51	8.42E-07	2.90E-07	1.13E-06	7.04E-07	2.17E-07	9.21E-07	1.67E-07	5.55E-08	2.22E-07	1.30E-07	2.67E-08	1.57E-07
52	624845.74	4265655.17	9.86E-07	3.39E-07	1.32E-06	8.24E-07	2.54E-07	1.08E-06	1.95E-07	6.49E-08	2.60E-07	1.52E-07	3.13E-08	1.83E-07
53	624835.83	4265655.04	1.06E-06	3.65E-07	1.43E-06	8.88E-07	2.73E-07	1.16E-06	2.10E-07	7.00E-08	2.80E-07	1.64E-07	3.37E-08	1.98E-07
54	624825.92	4265654.9	1.14E-06	3.92E-07	1.53E-06	9.52E-07	2.93E-07	1.25E-06	2.25E-07	7.51E-08	3.01E-07	1.76E-07	3.62E-08	2.12E-07
55	624816.01	4265654.76	1.20E-06	4.14E-07	1.62E-06	1.01E-06	3.10E-07	1.32E-06	2.38E-07	7.94E-08	3.18E-07	1.86E-07	3.82E-08	2.24E-07
56	624806.1	4265654.62	1.24E-06	4.26E-07	1.67E-06	1.04E-06	3.19E-07	1.36E-06	2.45E-07	8.17E-08	3.27E-07	1.91E-07	3.93E-08	2.31E-07
57	624796.19	4265654.49	1.24E-06	4.26E-07	1.66E-06	1.03E-06	3.19E-07	1.35E-06	2.45E-07	8.16E-08	3.27E-07	1.91E-07	3.93E-08	2.30E-07
58	624786.29	4265654.35	1.23E-06	4.23E-07	1.65E-06	1.03E-06	3.17E-07	1.35E-06	2.44E-07	8.11E-08	3.25E-07	1.90E-07	3.91E-08	2.29E-07
59	624776.38	4265654.21	1.25E-06	4.30E-07	1.68E-06	1.04E-06	3.22E-07	1.37E-06	2.47E-07	8.23E-08	3.30E-07	1.93E-07	3.97E-08	2.33E-07
60	624766.47	4265654.08	1.29E-06	4.43E-07	1.73E-06	1.08E-06	3.32E-07	1.41E-06	2.55E-07	8.49E-08	3.40E-07	1.99E-07	4.09E-08	2.40E-07
61	624756.56	4265653.94	1.33E-06	4.57E-07	1.79E-06	1.11E-06	3.42E-07	1.45E-06	2.63E-07	8.76E-08	3.51E-07	2.05E-07	4.22E-08	2.47E-07
62	624746.65	4265653.8	1.35E-06	4.64E-07	1.81E-06	1.13E-06	3.48E-07	1.48E-06	2.67E-07	8.89E-08	3.56E-07	2.08E-07	4.28E-08	2.51E-07
63	624736.74	4265653.66	1.33E-06	4.58E-07	1.79E-06	1.11E-06	3.43E-07	1.46E-06	2.64E-07	8.78E-08	3.52E-07	2.06E-07	4.23E-08	2.48E-07
64	624726.83	4265653.53	1.30E-06	4.47E-07	1.75E-06	1.09E-06	3.34E-07	1.42E-06	2.57E-07	8.56E-08	3.43E-07	2.00E-07	4.12E-08	2.42E-07
65	624716.92	4265653.39	1.29E-06	4.42E-07	1.73E-06	1.08E-06	3.31E-07	1.41E-06	2.55E-07	8.48E-08	3.39E-07	1.99E-07	4.08E-08	2.39E-07
66	624707.02	4265653.25	1.30E-06	4.48E-07	1.75E-06	1.09E-06	3.35E-07	1.42E-06	2.58E-07	8.58E-08	3.44E-07	2.01E-07	4.13E-08	2.42E-07
67	624697.11	4265653.11	1.33E-06	4.59E-07	1.79E-06	1.12E-06	3.44E-07	1.46E-06	2.64E-07	8.79E-08	3.52E-07	2.06E-07	4.24E-08	2.48E-07
68	624687.2	4265652.98	1.37E-06	4.71E-07	1.84E-06	1.15E-06	3.53E-07	1.50E-06	2.71E-07	9.03E-08	3.61E-07	2.11E-07	4.35E-08	2.55E-07

69	624677.29	4265652.84	1.39E-06	4.79E-07	1.87E-06	1.16E-06	3.59E-07	1.52E-06	2.76E-07	9.18E-08	3.67E-07	2.15E-07	4.42E-08	2.59E-07
70	624667.38	4265652.7	1.39E-06	4.78E-07	1.87E-06	1.16E-06	3.58E-07	1.52E-06	2.75E-07	9.15E-08	3.66E-07	2.14E-07	4.41E-08	2.58E-07
71	624657.47	4265652.56	1.37E-06	4.70E-07	1.84E-06	1.14E-06	3.52E-07	1.49E-06	2.71E-07	9.01E-08	3.61E-07	2.11E-07	4.34E-08	2.54E-07
72	624647.56	4265652.43	1.36E-06	4.67E-07	1.83E-06	1.14E-06	3.50E-07	1.49E-06	2.69E-07	8.95E-08	3.58E-07	2.10E-07	4.31E-08	2.53E-07
73	624637.65	4265652.29	1.38E-06	4.74E-07	1.85E-06	1.15E-06	3.55E-07	1.51E-06	2.73E-07	9.08E-08	3.64E-07	2.13E-07	4.37E-08	2.56E-07
74	624627.74	4265652.15	1.42E-06	4.87E-07	1.90E-06	1.18E-06	3.64E-07	1.55E-06	2.80E-07	9.33E-08	3.73E-07	2.18E-07	4.49E-08	2.63E-07
75	624617.84	4265652.01	1.45E-06	5.00E-07	1.95E-06	1.21E-06	3.74E-07	1.59E-06	2.88E-07	9.57E-08	3.83E-07	2.24E-07	4.61E-08	2.70E-07
76	624607.93	4265651.88	1.46E-06	5.04E-07	1.97E-06	1.22E-06	3.77E-07	1.60E-06	2.90E-07	9.65E-08	3.86E-07	2.26E-07	4.65E-08	2.72E-07
77	624598.02	4265651.74	1.43E-06	4.92E-07	1.92E-06	1.20E-06	3.69E-07	1.57E-06	2.83E-07	9.43E-08	3.78E-07	2.21E-07	4.54E-08	2.66E-07
78	624588.11	4265651.6	1.39E-06	4.77E-07	1.86E-06	1.16E-06	3.57E-07	1.52E-06	2.74E-07	9.14E-08	3.66E-07	2.14E-07	4.40E-08	2.58E-07
79	624578.2	4265651.46	1.37E-06	4.72E-07	1.85E-06	1.15E-06	3.54E-07	1.50E-06	2.72E-07	9.05E-08	3.62E-07	2.12E-07	4.36E-08	2.56E-07
80	624568.29	4265651.33	1.39E-06	4.77E-07	1.87E-06	1.16E-06	3.57E-07	1.52E-06	2.75E-07	9.15E-08	3.66E-07	2.14E-07	4.41E-08	2.58E-07
81	624558.38	4265651.19	1.41E-06	4.85E-07	1.89E-06	1.18E-06	3.63E-07	1.54E-06	2.79E-07	9.28E-08	3.72E-07	2.17E-07	4.47E-08	2.62E-07
82	624548.47	4265651.05	1.41E-06	4.85E-07	1.89E-06	1.18E-06	3.63E-07	1.54E-06	2.79E-07	9.28E-08	3.72E-07	2.17E-07	4.47E-08	2.62E-07
83	624538.57	4265650.92	1.37E-06	4.69E-07	1.83E-06	1.14E-06	3.51E-07	1.49E-06	2.70E-07	8.99E-08	3.60E-07	2.11E-07	4.33E-08	2.54E-07
84	624528.66	4265650.78	1.30E-06	4.47E-07	1.75E-06	1.09E-06	3.35E-07	1.42E-06	2.57E-07	8.57E-08	3.43E-07	2.01E-07	4.13E-08	2.42E-07
85	624518.75	4265650.64	1.26E-06	4.35E-07	1.70E-06	1.06E-06	3.25E-07	1.38E-06	2.50E-07	8.33E-08	3.33E-07	1.95E-07	4.01E-08	2.35E-07
86	624508.84	4265650.5	1.26E-06	4.32E-07	1.69E-06	1.05E-06	3.23E-07	1.37E-06	2.48E-07	8.27E-08	3.31E-07	1.94E-07	3.98E-08	2.34E-07
87	624498.93	4265650.37	1.25E-06	4.31E-07	1.68E-06	1.05E-06	3.23E-07	1.37E-06	2.48E-07	8.26E-08	3.31E-07	1.93E-07	3.98E-08	2.33E-07
88	624489.02	4265650.23	1.23E-06	4.24E-07	1.66E-06	1.03E-06	3.18E-07	1.35E-06	2.44E-07	8.13E-08	3.25E-07	1.90E-07	3.91E-08	2.29E-07
89	624479.11	4265650.09	1.18E-06	4.06E-07	1.59E-06	9.86E-07	3.04E-07	1.29E-06	2.33E-07	7.77E-08	3.11E-07	1.82E-07	3.74E-08	2.19E-07
90	624469.2	4265649.95	1.11E-06	3.81E-07	1.49E-06	9.26E-07	2.85E-07	1.21E-06	2.19E-07	7.30E-08	2.92E-07	1.71E-07	3.52E-08	2.06E-07
91	624459.3	4265649.82	1.06E-06	3.64E-07	1.42E-06	8.85E-07	2.72E-07	1.16E-06	2.09E-07	6.97E-08	2.79E-07	1.63E-07	3.36E-08	1.97E-07
92	624449.39	4265649.68	1.03E-06	3.56E-07	1.39E-06	8.65E-07	2.66E-07	1.13E-06	2.05E-07	6.82E-08	2.73E-07	1.60E-07	3.28E-08	1.92E-07
93	624439.48	4265649.54	1.02E-06	3.51E-07	1.37E-06	8.54E-07	2.63E-07	1.12E-06	2.02E-07	6.73E-08	2.70E-07	1.58E-07	3.24E-08	1.90E-07
94	624429.57	4265649.4	9.98E-07	3.43E-07	1.34E-06	8.34E-07	2.57E-07	1.09E-06	1.98E-07	6.58E-08	2.63E-07	1.54E-07	3.17E-08	1.86E-07
95	624419.66	4265649.27	9.37E-07	3.22E-07	1.26E-06	7.83E-07	2.41E-07	1.02E-06	1.85E-07	6.17E-08	2.47E-07	1.45E-07	2.97E-08	1.74E-07
96	624409.75	4265649.13	8.31E-07	2.86E-07	1.12E-06	6.94E-07	2.14E-07	9.08E-07	1.64E-07	5.47E-08	2.19E-07	1.28E-07	2.64E-08	1.55E-07
97	624399.84	4265648.99	7.22E-07	2.48E-07	9.71E-07	6.04E-07	1.86E-07	7.90E-07	1.43E-07	4.76E-08	1.91E-07	1.11E-07	2.29E-08	1.34E-07
98	624389.93	4265648.85	6.42E-07	2.21E-07	8.63E-07	5.37E-07	1.65E-07	7.02E-07	1.27E-07	4.23E-08	1.69E-07	9.91E-08	2.04E-08	1.19E-07
99	624380.02	4265648.72	5.82E-07	2.00E-07	7.82E-07	4.86E-07	1.50E-07	6.36E-07	1.15E-07	3.83E-08	1.54E-07	8.98E-08	1.85E-08	1.08E-07
100	624370.12	4265648.58	5.33E-07	1.83E-07	7.16E-07	4.45E-07	1.37E-07	5.83E-07	1.05E-07	3.51E-08	1.41E-07	8.22E-08	1.69E-08	9.91E-08
101	624360.21	4265648.44	4.91E-07	1.69E-07	6.60E-07	4.11E-07	1.27E-07	5.37E-07	9.73E-08	3.24E-08	1.30E-07	7.58E-08	1.56E-08	9.14E-08
102	624879.72	4265661.55	7.82E-07	2.69E-07	1.05E-06	6.54E-07	2.01E-07	8.55E-07	1.55E-07	5.15E-08	2.06E-07	1.21E-07	2.48E-08	1.45E-07
103	624845.88	4265645.18	9.33E-07	3.21E-07	1.25E-06	7.80E-07	2.40E-07	1.02E-06	1.85E-07	6.15E-08	2.46E-07	1.44E-07	2.96E-08	1.74E-07
104	624835.97	4265645.04	9.94E-07	3.42E-07	1.34E-06	8.31E-07	2.56E-07	1.09E-06	1.97E-07	6.55E-08	2.62E-07	1.53E-07	3.16E-08	1.85E-07
105	624826.06	4265644.9	1.05E-06	3.61E-07	1.41E-06	8.79E-07	2.71E-07	1.15E-06	2.08E-07	6.93E-08	2.77E-07	1.62E-07	3.34E-08	1.96E-07
106	624816.15	4265644.76	1.10E-06	3.77E-07	1.47E-06	9.15E-07	2.82E-07	1.20E-06	2.17E-07	7.21E-08	2.89E-07	1.69E-07	3.47E-08	2.04E-07
107	624806.24	4265644.63	1.12E-06	3.84E-07	1.50E-06	9.34E-07	2.88E-07	1.22E-06	2.21E-07	7.37E-08	2.95E-07	1.72E-07	3.55E-08	2.08E-07
108	624796.33	4265644.49	1.12E-06	3.86E-07	1.51E-06	9.39E-07	2.89E-07	1.23E-06	2.22E-07	7.40E-08	2.96E-07	1.73E-07	3.57E-08	2.09E-07
109	624786.42	4265644.35	1.13E-06	3.89E-07	1.52E-06	9.44E-07	2.91E-07	1.24E-06	2.24E-07	7.44E-08	2.98E-07	1.74E-07	3.59E-08	2.10E-07
110	624776.52	4265644.21	1.15E-06	3.95E-07	1.54E-06	9.61E-07	2.96E-07	1.26E-06	2.28E-07	7.57E-08	3.03E-07	1.77E-07	3.65E-08	2.14E-07
111	624766.61	4265644.08	1.18E-06	4.05E-07	1.58E-06	9.85E-07	3.03E-07	1.29E-06	2.33E-07	7.77E-08	3.11E-07	1.82E-07	3.74E-08	2.19E-07
112	624756.7	4265643.94	1.20E-06	4.14E-07	1.62E-06	1.01E-06	3.10E-07	1.32E-06	2.38E-07	7.93E-08	3.18E-07	1.86E-07	3.82E-08	2.24E-07
113	624746.79	4265643.8	1.21E-06	4.17E-07	1.63E-06	1.01E-06	3.12E-07	1.33E-06	2.40E-07	7.99E-08	3.20E-07	1.87E-07	3.85E-08	2.26E-07
114	624736.88	4265643.66	1.20E-06	4.13E-07	1.62E-06	1.00E-06	3.10E-07	1.31E-06	2.38E-07	7.92E-08	3.17E-07	1.86E-07	3.82E-08	2.24E-07
115	624726.97	4265643.53	1.19E-06	4.08E-07	1.60E-06	9.93E-07	3.06E-07	1.30E-06	2.35E-07	7.82E-08	3.13E-07	1.83E-07	3.77E-08	2.21E-07
116	624717.06	4265643.39	1.19E-06	4.08E-07	1.60E-06	9.92E-07	3.06E-07	1.30E-06	2.35E-07	7.82E-08	3.13E-07	1.83E-07	3.77E-08	2.21E-07
117	624707.15	4265643.25	1.20E-06	4.14E-07	1.62E-06	1.01E-06	3.10E-07	1.32E-06	2.38E-07	7.93E-08	3.17E-07	1.86E-07	3.82E-08	2.24E-07
118	624697.25	4265643.11	1.23E-06	4.22E-07	1.65E-06	1.03E-06	3.16E-07	1.34E-06	2.43E-07	8.09E-08	3.24E-07	1.89E-07	3.89E-08	2.28E-07
119	624687.34	4265642.98	1.25E-06	4.30E-07	1.68E-06	1.04E-06	3.22E-07	1.37E-06	2.47E-07	8.24E-08	3.30E-07	1.93E-07	3.97E-08	2.33E-07
120	624677.43	4265642.84	1.26E-06	4.34E-07	1.69E-06	1.05E-06	3.25E-07	1.38E-06	2.50E-07	8.31E-08	3.33E-07	1.95E-07	4.00E-08	2.35E-07
121	624667.52	4265642.7	1.26E-06	4.32E-07	1.69E-06	1.05E-06	3.24E-07	1.37E-06	2.49E-07	8.28E-08	3.32E-07	1.94E-07	3.99E-08	2.34E-07
122	624657.61	4265642.56	1.25E-06	4.29E-07	1.68E-06	1.04E-06	3.21E-07	1.36E-06	2.47E-07	8.22E-08	3.29E-07	1.93E-07	3.96E-08	2.32E-07
123	624647.7	4265642.43	1.25E-06	4.30E-07	1.68E-06	1.04E-06	3.22E-07	1.37E-06	2.47E-07	8.23E-08	3.30E-07	1.93E-07	3.96E-08	2.32E-07
124	624637.79	4265642.29	1.27E-06	4.35E-07	1.70E-06	1.06E-06	3.26E-07	1.38E-06	2.51E-07	8.34E-08	3.34E-07	1.95E-07	4.02E-08	2.35E-07
125	624627.88	4265642.15	1.29E-06	4.44E-07	1.73E-06	1.08E-06	3.32E-07	1.41E-06	2.55E-07	8.50E-08	3.40E-07	1.99E-07	4.09E-08	2.40E-07
126	624617.97	4265642.02	1.31E-06	4.50E-07	1.76E-06	1.09E-06	3.37E-07	1.43E-06	2.59E-07	8.62E-08	3.45E-07	2.02E-07	4.15E-08	2.43E-07
127	624608.07	4265641.88	1.31E-06	4.49E-07	1.76E-06	1.09E-06	3.36E-07	1.43E-06	2.59E-07	8.61E-08	3.45E-07	2.02E-07	4.14E-08	2.43E-07
128	624598.16	4265641.74	1.28E-06	4.41E-07	1.72E-06	1.07E-06	3.30E-07	1.40E-06	2.54E-07	8.45E-08	3.38E-07	1.98E-07	4.07E-08	2.39E-07
129	624588.25	4265641.6	1.26E-06	4.32E-07	1.69E-06	1.05E-06	3.24E-07	1.37E-06	2.49E-07	8.28E-08	3.32E-07	1.94E-07	3.99E-08	2.34E-07
130	624578.34	4265641.47	1.25E-06	4.30E-07	1.68E-06	1.05E-06	3.22E-07	1.37E-06	2.48E-07	8.24E-08	3.30E-07	1.93E-07	3.97E-08	2.33E-07
131	624568.43	4265641.33	1.26E-06	4.32E-07	1.69E-06	1.05E-06	3.24E-07	1.37E-06	2.49E-07	8.28E-08	3.32E-07	1.94E-07	3.99E-08	2.34E-07
132	624558.52	4265641.19	1.26E-06	4.34E-07	1.70E-06	1.05E-06	3.25E-07	1.38E-06	2.50E-07	8.31E-08	3.33E-07	1.95E-07	4.00E-08	2.35E-07
133	624548.61	4265641.05	1.25E-06	4.29E-07	1.68E-06	1.04E-06	3.21E-07	1.36E-06	2.47E-07	8.22E-08	3.29E-07	1.93E-07	3.96E-08	2.32E-07
134	624538.7	4265640.92	1.21E-06	4.16E-07	1.63E-06	1.01E-06	3.12E-07	1.32E-06	2.40E-07	7.98E-08	3.20E-07	1.87E-07	3.84E-08	2.25E-07
135	624528.8	4265640.78	1.17E-06	4.02E-07	1.57E-06	9.77E-07	3.01E-07	1.28E-06	2.31E-07	7.70E-08	3.09E-07	1.80E-07	3.71E-08	2.18E-07
136	624518.89	4265640.64	1.14E-06	3.93E-07	1.54E-06	9.55E-07	2.94E-07	1.25E-06	2.26E-07	7.53E-08	3.02E-07	1.76E-07	3.63E-08	2.13E-07
137	624508.98	4265640.5	1.13E-06	3.89E-07	1.52E-06	9.45E-07	2.91E-07	1.24E-06	2.24E-07	7.45E-08	2.98E-07	1.74E-07	3.59E-08	2.10E-07
138	624499.07	4265640.37	1.12E-06	3.84E-07	1.50E-06	9.34E-07	2.88E-07	1.22E-06	2.21E-07	7.36E-08	2.95E-07	1.72E-07	3.55E-08	2.08E-07
139	624489.16	4265640.23	1.09E-06	3.74E-07	1.46E-06	9.10E-07	2.80E-07	1.19E-06	2.16E-07	7.18E-08	2.87E-07	1.68E-07	3.46E-08	2.03E-07
140	624479.25	4265640.09	1.04E-06	3.58E-07	1.40E-06	8.71E-07	2.68E-07	1.14E-06	2.06E-07	6.87E-08	2.75E-07	1.61E-07	3.31E-08	1.94E-07

141	624469.34	4265639.95	9.92E-07	3.41E-07	1.33E-06	8.29E-07	2.55E-07	1.08E-06	1.96E-07	6.53E-08	2.62E-07	1.53E-07	3.15E-08	1.84E-07
142	624459.43	4265639.82	9.53E-07	3.28E-07	1.28E-06	7.97E-07	2.45E-07	1.04E-06	1.89E-07	6.28E-08	2.52E-07	1.47E-07	3.03E-08	1.77E-07
143	624449.53	4265639.68	9.29E-07	3.19E-07	1.25E-06	7.76E-07	2.39E-07	1.02E-06	1.84E-07	6.12E-08	2.45E-07	1.43E-07	2.95E-08	1.73E-07
144	624439.62	4265639.54	9.06E-07	3.12E-07	1.22E-06	7.57E-07	2.33E-07	9.91E-07	1.79E-07	5.97E-08	2.39E-07	1.40E-07	2.88E-08	1.69E-07
145	624429.71	4265639.4	8.70E-07	2.99E-07	1.17E-06	7.27E-07	2.24E-07	9.51E-07	1.72E-07	5.73E-08	2.29E-07	1.34E-07	2.76E-08	1.62E-07
146	624419.8	4265639.27	8.08E-07	2.78E-07	1.09E-06	6.75E-07	2.08E-07	8.83E-07	1.60E-07	5.32E-08	2.13E-07	1.25E-07	2.56E-08	1.50E-07
147	624409.89	4265639.13	7.25E-07	2.49E-07	9.75E-07	6.06E-07	1.87E-07	7.93E-07	1.44E-07	4.78E-08	1.91E-07	1.12E-07	2.30E-08	1.35E-07
148	624399.98	4265638.99	6.46E-07	2.22E-07	8.69E-07	5.40E-07	1.66E-07	7.07E-07	1.28E-07	4.26E-08	1.71E-07	9.97E-08	2.05E-08	1.20E-07
149	624390.07	4265638.86	5.84E-07	2.01E-07	7.85E-07	4.88E-07	1.50E-07	6.39E-07	1.16E-07	3.85E-08	1.54E-07	9.02E-08	1.85E-08	1.09E-07
150	624380.16	4265638.72	5.36E-07	1.84E-07	7.20E-07	4.48E-07	1.38E-07	5.86E-07	1.06E-07	3.53E-08	1.41E-07	8.27E-08	1.70E-08	9.97E-08
151	624370.25	4265638.58	4.96E-07	1.71E-07	6.67E-07	4.15E-07	1.28E-07	5.42E-07	9.82E-08	3.27E-08	1.31E-07	7.65E-08	1.57E-08	9.23E-08
152	624877.04	4265644.42	7.55E-07	2.60E-07	1.01E-06	6.31E-07	1.94E-07	8.26E-07	1.49E-07	4.97E-08	1.99E-07	1.17E-07	2.40E-08	1.40E-07
153	624886.9	4265654.59	7.29E-07	2.51E-07	9.80E-07	6.10E-07	1.88E-07	7.97E-07	1.44E-07	4.81E-08	1.92E-07	1.13E-07	2.31E-08	1.36E-07
154	624892.54	4265668.84	7.27E-07	2.50E-07	9.77E-07	6.08E-07	1.87E-07	7.95E-07	1.44E-07	4.79E-08	1.92E-07	1.12E-07	2.31E-08	1.35E-07
155	624846.02	4265635.18	8.83E-07	3.03E-07	1.19E-06	7.38E-07	2.27E-07	9.65E-07	1.75E-07	5.81E-08	2.33E-07	1.36E-07	2.80E-08	1.64E-07
156	624836.11	4265635.04	9.31E-07	3.20E-07	1.25E-06	7.78E-07	2.40E-07	1.02E-06	1.84E-07	6.13E-08	2.46E-07	1.44E-07	2.95E-08	1.73E-07
157	624826.2	4265634.9	9.73E-07	3.35E-07	1.31E-06	8.13E-07	2.50E-07	1.06E-06	1.93E-07	6.41E-08	2.57E-07	1.50E-07	3.09E-08	1.81E-07
158	624816.29	4265634.76	1.00E-06	3.45E-07	1.35E-06	8.39E-07	2.58E-07	1.10E-06	1.99E-07	6.62E-08	2.65E-07	1.55E-07	3.19E-08	1.87E-07
159	624806.38	4265634.63	1.02E-06	3.52E-07	1.37E-06	8.54E-07	2.63E-07	1.12E-06	2.02E-07	6.74E-08	2.70E-07	1.58E-07	3.24E-08	1.90E-07
160	624796.47	4265634.49	1.03E-06	3.55E-07	1.39E-06	8.63E-07	2.66E-07	1.13E-06	2.04E-07	6.80E-08	2.72E-07	1.59E-07	3.28E-08	1.92E-07
161	624786.56	4265634.35	1.04E-06	3.59E-07	1.40E-06	8.73E-07	2.69E-07	1.14E-06	2.07E-07	6.88E-08	2.75E-07	1.61E-07	3.31E-08	1.94E-07
162	624776.65	4265634.21	1.06E-06	3.65E-07	1.43E-06	8.87E-07	2.73E-07	1.16E-06	2.10E-07	7.00E-08	2.80E-07	1.64E-07	3.37E-08	1.98E-07
163	624766.75	4265634.08	1.08E-06	3.72E-07	1.46E-06	9.05E-07	2.79E-07	1.18E-06	2.14E-07	7.13E-08	2.86E-07	1.67E-07	3.44E-08	2.01E-07
164	624756.84	4265633.94	1.10E-06	3.78E-07	1.48E-06	9.18E-07	2.83E-07	1.20E-06	2.17E-07	7.24E-08	2.90E-07	1.70E-07	3.49E-08	2.04E-07
165	624746.93	4265633.8	1.10E-06	3.80E-07	1.48E-06	9.22E-07	2.84E-07	1.21E-06	2.18E-07	7.27E-08	2.91E-07	1.70E-07	3.50E-08	2.05E-07
166	624737.02	4265633.67	1.10E-06	3.78E-07	1.48E-06	9.19E-07	2.83E-07	1.20E-06	2.18E-07	7.24E-08	2.90E-07	1.70E-07	3.49E-08	2.05E-07
167	624727.11	4265633.53	1.10E-06	3.77E-07	1.47E-06	9.16E-07	2.82E-07	1.20E-06	2.17E-07	7.22E-08	2.89E-07	1.69E-07	3.48E-08	2.04E-07
168	624717.2	4265633.39	1.10E-06	3.78E-07	1.48E-06	9.20E-07	2.83E-07	1.20E-06	2.18E-07	7.25E-08	2.90E-07	1.70E-07	3.49E-08	2.05E-07
169	624707.29	4265633.25	1.11E-06	3.83E-07	1.50E-06	9.31E-07	2.87E-07	1.22E-06	2.21E-07	7.34E-08	2.94E-07	1.72E-07	3.54E-08	2.07E-07
170	624697.38	4265633.12	1.13E-06	3.89E-07	1.52E-06	9.46E-07	2.91E-07	1.24E-06	2.24E-07	7.46E-08	2.99E-07	1.75E-07	3.59E-08	2.11E-07
171	624687.48	4265632.98	1.15E-06	3.94E-07	1.54E-06	9.58E-07	2.95E-07	1.25E-06	2.27E-07	7.55E-08	3.02E-07	1.77E-07	3.64E-08	2.13E-07
172	624677.57	4265632.84	1.15E-06	3.96E-07	1.55E-06	9.63E-07	2.97E-07	1.26E-06	2.28E-07	7.59E-08	3.04E-07	1.78E-07	3.66E-08	2.14E-07
173	624667.66	4265632.7	1.15E-06	3.96E-07	1.55E-06	9.62E-07	2.96E-07	1.26E-06	2.28E-07	7.58E-08	3.04E-07	1.78E-07	3.65E-08	2.14E-07
174	624657.75	4265632.57	1.15E-06	3.95E-07	1.54E-06	9.60E-07	2.96E-07	1.26E-06	2.27E-07	7.57E-08	3.03E-07	1.77E-07	3.65E-08	2.14E-07
175	624647.84	4265632.43	1.15E-06	3.97E-07	1.55E-06	9.64E-07	2.97E-07	1.26E-06	2.28E-07	7.60E-08	3.04E-07	1.78E-07	3.66E-08	2.15E-07
176	624637.93	4265632.29	1.17E-06	4.01E-07	1.57E-06	9.74E-07	3.00E-07	1.27E-06	2.31E-07	7.68E-08	3.07E-07	1.80E-07	3.70E-08	2.17E-07
177	624628.02	4265632.15	1.18E-06	4.05E-07	1.58E-06	9.85E-07	3.03E-07	1.29E-06	2.33E-07	7.77E-08	3.11E-07	1.82E-07	3.74E-08	2.19E-07
178	624618.11	4265632.02	1.19E-06	4.08E-07	1.59E-06	9.91E-07	3.05E-07	1.30E-06	2.35E-07	7.81E-08	3.13E-07	1.83E-07	3.76E-08	2.21E-07
179	624608.2	4265631.88	1.18E-06	4.05E-07	1.58E-06	9.86E-07	3.04E-07	1.29E-06	2.33E-07	7.77E-08	3.11E-07	1.82E-07	3.74E-08	2.19E-07
180	624598.3	4265631.74	1.16E-06	4.00E-07	1.56E-06	9.72E-07	2.99E-07	1.27E-06	2.30E-07	7.66E-08	3.07E-07	1.79E-07	3.69E-08	2.16E-07
181	624588.39	4265631.6	1.15E-06	3.95E-07	1.54E-06	9.60E-07	2.96E-07	1.26E-06	2.27E-07	7.57E-08	3.03E-07	1.77E-07	3.64E-08	2.14E-07
182	624578.48	4265631.47	1.14E-06	3.93E-07	1.54E-06	9.55E-07	2.94E-07	1.25E-06	2.26E-07	7.53E-08	3.01E-07	1.76E-07	3.63E-08	2.13E-07
183	624568.57	4265631.33	1.14E-06	3.93E-07	1.53E-06	9.54E-07	2.94E-07	1.25E-06	2.26E-07	7.52E-08	3.01E-07	1.76E-07	3.62E-08	2.12E-07
184	624558.66	4265631.19	1.14E-06	3.91E-07	1.53E-06	9.50E-07	2.93E-07	1.24E-06	2.25E-07	7.49E-08	3.00E-07	1.75E-07	3.61E-08	2.11E-07
185	624548.75	4265631.05	1.12E-06	3.85E-07	1.50E-06	9.35E-07	2.88E-07	1.22E-06	2.21E-07	7.37E-08	2.95E-07	1.73E-07	3.55E-08	2.08E-07
186	624538.84	4265630.92	1.09E-06	3.75E-07	1.46E-06	9.11E-07	2.81E-07	1.19E-06	2.16E-07	7.18E-08	2.88E-07	1.68E-07	3.46E-08	2.03E-07
187	624528.93	4265630.78	1.06E-06	3.65E-07	1.42E-06	8.86E-07	2.73E-07	1.16E-06	2.10E-07	6.98E-08	2.80E-07	1.64E-07	3.36E-08	1.97E-07
188	624519.03	4265630.64	1.04E-06	3.57E-07	1.40E-06	8.68E-07	2.67E-07	1.14E-06	2.06E-07	6.84E-08	2.74E-07	1.60E-07	3.29E-08	1.93E-07
189	624509.12	4265630.5	1.02E-06	3.51E-07	1.37E-06	8.54E-07	2.63E-07	1.12E-06	2.02E-07	6.73E-08	2.70E-07	1.58E-07	3.24E-08	1.90E-07
190	624499.21	4265630.37	1.00E-06	3.45E-07	1.35E-06	8.38E-07	2.58E-07	1.10E-06	1.98E-07	6.61E-08	2.64E-07	1.55E-07	3.18E-08	1.87E-07
191	624489.3	4265630.23	9.73E-07	3.35E-07	1.31E-06	8.13E-07	2.51E-07	1.06E-06	1.93E-07	6.41E-08	2.57E-07	1.50E-07	3.09E-08	1.81E-07
192	624479.39	4265630.09	9.35E-07	3.21E-07	1.26E-06	7.81E-07	2.41E-07	1.02E-06	1.85E-07	6.16E-08	2.47E-07	1.44E-07	2.97E-08	1.74E-07
193	624469.48	4265629.96	8.96E-07	3.08E-07	1.20E-06	7.49E-07	2.31E-07	9.79E-07	1.77E-07	5.90E-08	2.36E-07	1.38E-07	2.84E-08	1.67E-07
194	624459.57	4265629.82	8.63E-07	2.97E-07	1.16E-06	7.22E-07	2.22E-07	9.44E-07	1.71E-07	5.69E-08	2.28E-07	1.33E-07	2.74E-08	1.61E-07
195	624449.66	4265629.68	8.36E-07	2.88E-07	1.12E-06	6.99E-07	2.15E-07	9.14E-07	1.66E-07	5.51E-08	2.21E-07	1.29E-07	2.65E-08	1.56E-07
196	624439.76	4265629.54	8.07E-07	2.78E-07	1.09E-06	6.75E-07	2.08E-07	8.83E-07	1.60E-07	5.32E-08	2.13E-07	1.25E-07	2.56E-08	1.50E-07
197	624429.85	4265629.41	7.67E-07	2.64E-07	1.03E-06	6.41E-07	1.97E-07	8.39E-07	1.52E-07	5.05E-08	2.02E-07	1.18E-07	2.43E-08	1.43E-07
198	624419.94	4265629.27	7.11E-07	2.45E-07	9.56E-07	5.94E-07	1.83E-07	7.78E-07	1.41E-07	4.69E-08	1.88E-07	1.10E-07	2.26E-08	1.32E-07
199	624410.03	4265629.13	6.47E-07	2.23E-07	8.70E-07	5.41E-07	1.67E-07	7.07E-07	1.28E-07	4.26E-08	1.71E-07	9.98E-08	2.05E-08	1.20E-07
200	624400.12	4265628.99	5.87E-07	2.02E-07	7.89E-07	4.91E-07	1.51E-07	6.42E-07	1.16E-07	3.87E-08	1.55E-07	9.06E-08	1.86E-08	1.09E-07
201	624390.21	4265628.86	5.37E-07	1.85E-07	7.22E-07	4.49E-07	1.38E-07	5.88E-07	1.06E-07	3.54E-08	1.42E-07	8.29E-08	1.71E-08	1.00E-07
202	624873.66	4265632.9	7.41E-07	2.55E-07	9.95E-07	6.19E-07	1.91E-07	8.10E-07	1.47E-07	4.88E-08	1.95E-07	1.14E-07	2.35E-08	1.38E-07
203	624882.46	4265636.7	7.11E-07	2.45E-07	9.56E-07	5.95E-07	1.83E-07	7.78E-07	1.41E-07	4.69E-08	1.88E-07	1.10E-07	2.26E-08	1.32E-07
204	624894.78	4265649.4	6.83E-07	2.35E-07	9.18E-07	5.71E-07	1.76E-07	7.47E-07	1.35E-07	4.50E-08	1.80E-07	1.05E-07	2.17E-08	1.27E-07
205	624898.31	4265658.31	6.82E-07	2.35E-07	9.17E-07	5.70E-07	1.76E-07	7.46E-07	1.35E-07	4.50E-08	1.80E-07	1.05E-07	2.17E-08	1.27E-07
206	624901.84	4265667.22	6.79E-07	2.34E-07	9.13E-07	5.68E-07	1.75E-07	7.43E-07	1.34E-07	4.48E-08	1.79E-07	1.05E-07	2.16E-08	1.26E-07
207	624846.15	4265625.18	8.35E-07	2.87E-07	1.12E-06	6.98E-07	2.15E-07	9.12E-07	1.65E-07	5.50E-08	2.20E-07	1.29E-07	2.65E-08	1.55E-07
208	624836.25	4265625.04	8.73E-07	3.00E-07	1.17E-06	7.29E-07	2.25E-07	9.54E-07	1.73E-07	5.75E-08	2.30E-07	1.35E-07	2.77E-08	1.62E-07
209	624826.34	4265624.9	9.05E-07	3.11E-07	1.22E-06	7.56E-07	2.33E-07	9.89E-07	1.79E-07	5.96E-08	2.39E-07	1.40E-07	2.87E-08	1.68E-07
210	624816.43	4265624.77	9.29E-07	3.19E-07	1.25E-06	7.76E-07	2.39E-07	1.02E-06	1.84E-07	6.12E-08	2.45E-07	1.43E-07	2.95E-08	1.73E-07
211	624806.52	4265624.63	9.45E-07	3.25E-07	1.27E-06	7.90E-07	2.43E-07	1.03E-06	1.87E-07	6.23E-08	2.49E-07	1.46E-07	3.00E-08	1.76E-07
212	624796.61	4265624.49	9.57E-07	3.29E-07	1.29E-06	8.00E-07	2.46E-07	1.05E-06	1.89E-07	6.31E-08	2.52E-07	1.48E-07	3.04E-08	1.78E-07

213	624786.7	4265624.35	9.70E-07	3.34E-07	1.30E-06	8.11E-07	2.50E-07	1.06E-06	1.92E-07	6.39E-08	2.56E-07	1.50E-07	3.08E-08	1.80E-07
214	624776.79	4265624.22	9.85E-07	3.39E-07	1.32E-06	8.23E-07	2.54E-07	1.08E-06	1.95E-07	6.49E-08	2.60E-07	1.52E-07	3.13E-08	1.83E-07
215	624766.88	4265624.08	1.00E-06	3.44E-07	1.34E-06	8.36E-07	2.57E-07	1.09E-06	1.98E-07	6.59E-08	2.64E-07	1.54E-07	3.17E-08	1.86E-07
216	624756.98	4265623.94	1.01E-06	3.47E-07	1.36E-06	8.45E-07	2.60E-07	1.10E-06	2.00E-07	6.66E-08	2.67E-07	1.56E-07	3.21E-08	1.88E-07
217	624747.07	4265623.8	1.01E-06	3.49E-07	1.36E-06	8.48E-07	2.61E-07	1.11E-06	2.01E-07	6.69E-08	2.68E-07	1.57E-07	3.22E-08	1.89E-07
218	624737.16	4265623.67	1.02E-06	3.49E-07	1.36E-06	8.49E-07	2.61E-07	1.11E-06	2.01E-07	6.69E-08	2.68E-07	1.57E-07	3.22E-08	1.89E-07
219	624727.25	4265623.53	1.02E-06	3.50E-07	1.37E-06	8.50E-07	2.62E-07	1.11E-06	2.01E-07	6.70E-08	2.68E-07	1.57E-07	3.23E-08	1.89E-07
220	624717.34	4265623.39	1.02E-06	3.52E-07	1.38E-06	8.56E-07	2.64E-07	1.12E-06	2.03E-07	6.75E-08	2.70E-07	1.58E-07	3.25E-08	1.91E-07
221	624707.43	4265623.25	1.04E-06	3.56E-07	1.39E-06	8.65E-07	2.66E-07	1.13E-06	2.05E-07	6.82E-08	2.73E-07	1.60E-07	3.28E-08	1.93E-07
222	624697.52	4265623.12	1.05E-06	3.60E-07	1.41E-06	8.75E-07	2.70E-07	1.15E-06	2.07E-07	6.90E-08	2.76E-07	1.62E-07	3.32E-08	1.95E-07
223	624687.61	4265622.98	1.06E-06	3.63E-07	1.42E-06	8.83E-07	2.72E-07	1.16E-06	2.09E-07	6.96E-08	2.79E-07	1.63E-07	3.35E-08	1.97E-07
224	624677.7	4265622.84	1.06E-06	3.65E-07	1.43E-06	8.87E-07	2.73E-07	1.16E-06	2.10E-07	6.99E-08	2.80E-07	1.64E-07	3.37E-08	1.97E-07
225	624667.8	4265622.7	1.06E-06	3.65E-07	1.43E-06	8.88E-07	2.73E-07	1.16E-06	2.10E-07	7.00E-08	2.80E-07	1.64E-07	3.37E-08	1.98E-07
226	624657.89	4265622.57	1.06E-06	3.66E-07	1.43E-06	8.89E-07	2.74E-07	1.16E-06	2.11E-07	7.01E-08	2.81E-07	1.64E-07	3.37E-08	1.98E-07
227	624647.98	4265622.43	1.07E-06	3.67E-07	1.44E-06	8.93E-07	2.75E-07	1.17E-06	2.11E-07	7.04E-08	2.82E-07	1.65E-07	3.39E-08	1.99E-07
228	624638.07	4265622.29	1.08E-06	3.70E-07	1.45E-06	8.99E-07	2.77E-07	1.18E-06	2.13E-07	7.08E-08	2.84E-07	1.66E-07	3.41E-08	2.00E-07
229	624628.16	4265622.15	1.08E-06	3.72E-07	1.45E-06	9.04E-07	2.78E-07	1.18E-06	2.14E-07	7.13E-08	2.85E-07	1.67E-07	3.43E-08	2.01E-07
230	624618.25	4265622.02	1.08E-06	3.72E-07	1.45E-06	9.05E-07	2.79E-07	1.18E-06	2.14E-07	7.13E-08	2.86E-07	1.67E-07	3.44E-08	2.01E-07
231	624608.34	4265621.88	1.08E-06	3.70E-07	1.45E-06	8.99E-07	2.77E-07	1.18E-06	2.13E-07	7.09E-08	2.84E-07	1.66E-07	3.41E-08	2.00E-07
232	624598.43	4265621.74	1.06E-06	3.66E-07	1.43E-06	8.90E-07	2.74E-07	1.16E-06	2.11E-07	7.01E-08	2.81E-07	1.64E-07	3.38E-08	1.98E-07
233	624588.53	4265621.61	1.05E-06	3.63E-07	1.42E-06	8.81E-07	2.71E-07	1.15E-06	2.09E-07	6.95E-08	2.78E-07	1.63E-07	3.35E-08	1.96E-07
234	624578.62	4265621.47	1.05E-06	3.60E-07	1.41E-06	8.76E-07	2.70E-07	1.15E-06	2.07E-07	6.90E-08	2.76E-07	1.62E-07	3.33E-08	1.95E-07
235	624568.71	4265621.33	1.04E-06	3.58E-07	1.40E-06	8.71E-07	2.68E-07	1.14E-06	2.06E-07	6.87E-08	2.75E-07	1.61E-07	3.31E-08	1.94E-07
236	624558.8	4265621.19	1.03E-06	3.55E-07	1.39E-06	8.62E-07	2.66E-07	1.13E-06	2.04E-07	6.80E-08	2.72E-07	1.59E-07	3.27E-08	1.92E-07
237	624548.89	4265621.06	1.01E-06	3.49E-07	1.36E-06	8.48E-07	2.61E-07	1.11E-06	2.01E-07	6.68E-08	2.68E-07	1.56E-07	3.22E-08	1.89E-07
238	624538.98	4265620.92	9.91E-07	3.41E-07	1.33E-06	8.28E-07	2.55E-07	1.08E-06	1.96E-07	6.53E-08	2.61E-07	1.53E-07	3.14E-08	1.84E-07
239	624529.07	4265620.78	9.68E-07	3.33E-07	1.30E-06	8.09E-07	2.49E-07	1.06E-06	1.92E-07	6.38E-08	2.55E-07	1.49E-07	3.07E-08	1.80E-07
240	624519.16	4265620.64	9.47E-07	3.26E-07	1.27E-06	7.92E-07	2.44E-07	1.04E-06	1.88E-07	6.24E-08	2.50E-07	1.46E-07	3.01E-08	1.76E-07
241	624509.26	4265620.51	9.29E-07	3.19E-07	1.25E-06	7.76E-07	2.39E-07	1.02E-06	1.84E-07	6.12E-08	2.45E-07	1.43E-07	2.95E-08	1.73E-07
242	624499.35	4265620.37	9.07E-07	3.12E-07	1.22E-06	7.58E-07	2.33E-07	9.91E-07	1.79E-07	5.97E-08	2.39E-07	1.40E-07	2.88E-08	1.69E-07
243	624489.44	4265620.23	8.79E-07	3.02E-07	1.18E-06	7.35E-07	2.26E-07	9.61E-07	1.74E-07	5.79E-08	2.32E-07	1.36E-07	2.79E-08	1.64E-07
244	624479.53	4265620.09	8.47E-07	2.91E-07	1.14E-06	7.08E-07	2.18E-07	9.26E-07	1.68E-07	5.58E-08	2.23E-07	1.31E-07	2.69E-08	1.58E-07
245	624469.62	4265619.96	8.15E-07	2.80E-07	1.10E-06	6.81E-07	2.10E-07	8.91E-07	1.61E-07	5.37E-08	2.15E-07	1.26E-07	2.59E-08	1.52E-07
246	624459.71	4265619.82	7.85E-07	2.70E-07	1.06E-06	6.57E-07	2.02E-07	8.59E-07	1.55E-07	5.18E-08	2.07E-07	1.21E-07	2.49E-08	1.46E-07
247	624449.8	4265619.68	7.57E-07	2.60E-07	1.02E-06	6.33E-07	1.95E-07	8.28E-07	1.50E-07	4.99E-08	2.00E-07	1.17E-07	2.40E-08	1.41E-07
248	624439.89	4265619.54	7.25E-07	2.49E-07	9.74E-07	6.06E-07	1.87E-07	7.93E-07	1.44E-07	4.78E-08	1.91E-07	1.12E-07	2.30E-08	1.35E-07
249	624429.98	4265619.41	6.85E-07	2.36E-07	9.21E-07	5.73E-07	1.76E-07	7.49E-07	1.36E-07	4.52E-08	1.81E-07	1.06E-07	2.18E-08	1.28E-07
250	624420.08	4265619.27	6.38E-07	2.19E-07	8.57E-07	5.33E-07	1.64E-07	6.97E-07	1.26E-07	4.20E-08	1.68E-07	9.84E-08	2.02E-08	1.19E-07
251	624410.17	4265619.13	5.87E-07	2.02E-07	7.88E-07	4.90E-07	1.51E-07	6.41E-07	1.16E-07	3.86E-08	1.55E-07	9.05E-08	1.86E-08	1.09E-07
252	624400.26	4265618.99	5.39E-07	1.85E-07	7.25E-07	4.51E-07	1.39E-07	5.90E-07	1.07E-07	3.55E-08	1.42E-07	8.32E-08	1.71E-08	1.00E-07
253	624390.35	4265618.86	4.99E-07	1.71E-07	6.70E-07	4.17E-07	1.28E-07	5.45E-07	9.87E-08	3.29E-08	1.32E-07	7.69E-08	1.58E-08	9.28E-08
254	624873.1	4265622.6	7.15E-07	2.46E-07	9.61E-07	5.98E-07	1.84E-07	7.82E-07	1.42E-07	4.71E-08	1.89E-07	1.10E-07	2.27E-08	1.33E-07
255	624881.54	4265626.25	6.91E-07	2.38E-07	9.29E-07	5.78E-07	1.78E-07	7.55E-07	1.37E-07	4.55E-08	1.82E-07	1.07E-07	2.19E-08	1.29E-07
256	624889.99	4265629.89	6.66E-07	2.29E-07	8.95E-07	5.57E-07	1.71E-07	7.28E-07	1.32E-07	4.39E-08	1.76E-07	1.03E-07	2.11E-08	1.24E-07
257	624901.82	4265642.08	6.42E-07	2.21E-07	8.63E-07	5.37E-07	1.65E-07	7.02E-07	1.27E-07	4.23E-08	1.69E-07	9.91E-08	2.04E-08	1.19E-07
258	624905.21	4265650.64	6.42E-07	2.21E-07	8.62E-07	5.36E-07	1.65E-07	7.02E-07	1.27E-07	4.23E-08	1.69E-07	9.90E-08	2.04E-08	1.19E-07
259	624908.59	4265659.19	6.40E-07	2.20E-07	8.60E-07	5.35E-07	1.65E-07	6.99E-07	1.27E-07	4.21E-08	1.69E-07	9.87E-08	2.03E-08	1.19E-07
260	624911.98	4265667.74	6.36E-07	2.19E-07	8.55E-07	5.32E-07	1.64E-07	6.95E-07	1.26E-07	4.19E-08	1.68E-07	9.81E-08	2.02E-08	1.18E-07
261	624846.29	4265615.18	7.90E-07	2.72E-07	1.06E-06	6.60E-07	2.03E-07	8.64E-07	1.56E-07	5.20E-08	2.08E-07	1.22E-07	2.51E-08	1.47E-07
262	624836.38	4265615.04	8.20E-07	2.82E-07	1.10E-06	6.86E-07	2.11E-07	8.97E-07	1.62E-07	5.40E-08	2.16E-07	1.27E-07	2.60E-08	1.53E-07
263	624826.48	4265614.9	8.46E-07	2.91E-07	1.14E-06	7.07E-07	2.18E-07	9.25E-07	1.67E-07	5.57E-08	2.23E-07	1.30E-07	2.68E-08	1.57E-07
264	624816.57	4265614.77	8.65E-07	2.98E-07	1.16E-06	7.23E-07	2.23E-07	9.46E-07	1.71E-07	5.70E-08	2.28E-07	1.34E-07	2.75E-08	1.61E-07
265	624806.66	4265614.63	8.80E-07	3.03E-07	1.18E-06	7.36E-07	2.27E-07	9.62E-07	1.74E-07	5.80E-08	2.32E-07	1.36E-07	2.79E-08	1.64E-07
266	624796.75	4265614.49	8.93E-07	3.07E-07	1.20E-06	7.46E-07	2.30E-07	9.76E-07	1.77E-07	5.88E-08	2.36E-07	1.38E-07	2.83E-08	1.66E-07
267	624786.84	4265614.35	9.05E-07	3.11E-07	1.22E-06	7.57E-07	2.33E-07	9.90E-07	1.79E-07	5.96E-08	2.39E-07	1.40E-07	2.87E-08	1.68E-07
268	624776.93	4265614.22	9.18E-07	3.16E-07	1.23E-06	7.67E-07	2.36E-07	1.00E-06	1.82E-07	6.05E-08	2.42E-07	1.42E-07	2.91E-08	1.71E-07
269	624767.02	4265614.08	9.29E-07	3.19E-07	1.25E-06	7.76E-07	2.39E-07	1.02E-06	1.84E-07	6.12E-08	2.45E-07	1.43E-07	2.95E-08	1.73E-07
270	624757.11	4265613.94	9.37E-07	3.22E-07	1.26E-06	7.83E-07	2.41E-07	1.02E-06	1.85E-07	6.17E-08	2.47E-07	1.45E-07	2.97E-08	1.74E-07
271	624747.21	4265613.8	9.41E-07	3.24E-07	1.26E-06	7.87E-07	2.42E-07	1.03E-06	1.86E-07	6.20E-08	2.48E-07	1.45E-07	2.99E-08	1.75E-07
272	624737.3	4265613.67	9.45E-07	3.25E-07	1.27E-06	7.90E-07	2.43E-07	1.03E-06	1.87E-07	6.22E-08	2.49E-07	1.46E-07	3.00E-08	1.76E-07
273	624727.39	4265613.53	9.49E-07	3.26E-07	1.28E-06	7.94E-07	2.44E-07	1.04E-06	1.88E-07	6.26E-08	2.50E-07	1.46E-07	3.01E-08	1.77E-07
274	624717.48	4265613.39	9.56E-07	3.29E-07	1.29E-06	7.99E-07	2.46E-07	1.05E-06	1.89E-07	6.30E-08	2.52E-07	1.48E-07	3.03E-08	1.78E-07
275	624707.57	4265613.25	9.65E-07	3.32E-07	1.30E-06	8.06E-07	2.48E-07	1.05E-06	1.91E-07	6.36E-08	2.55E-07	1.49E-07	3.06E-08	1.79E-07
276	624697.66	4265613.12	9.73E-07	3.35E-07	1.31E-06	8.14E-07	2.51E-07	1.06E-06	1.93E-07	6.41E-08	2.57E-07	1.50E-07	3.09E-08	1.81E-07
277	624687.75	4265612.98	9.80E-07	3.37E-07	1.32E-06	8.19E-07	2.52E-07	1.07E-06	1.94E-07	6.46E-08	2.59E-07	1.51E-07	3.11E-08	1.82E-07
278	624677.84	4265612.84	9.84E-07	3.38E-07	1.32E-06	8.22E-07	2.53E-07	1.08E-06	1.95E-07	6.48E-08	2.60E-07	1.52E-07	3.12E-08	1.83E-07
279	624667.93	4265612.71	9.86E-07	3.39E-07	1.33E-06	8.24E-07	2.54E-07	1.08E-06	1.95E-07	6.50E-08	2.60E-07	1.52E-07	3.13E-08	1.83E-07
280	624658.03	4265612.57	9.89E-07	3.40E-07	1.33E-06	8.26E-07	2.55E-07	1.08E-06	1.96E-07	6.51E-08	2.61E-07	1.53E-07	3.14E-08	1.84E-07
281	624648.12	4265612.43	9.92E-07	3.41E-07	1.33E-06	8.29E-07	2.55E-07	1.08E-06	1.96E-07	6.54E-08	2.62E-07	1.53E-07	3.15E-08	1.85E-07
282	624638.21	4265612.29	9.96E-07	3.42E-07	1.34E-06	8.32E-07	2.56E-07	1.09E-06	1.97E-07	6.56E-08	2.63E-07	1.54E-07	3.16E-08	1.85E-07
283	624628.3	4265612.16	9.98E-07	3.43E-07	1.34E-06	8.34E-07	2.57E-07	1.09E-06	1.97E-07	6.57E-08	2.63E-07	1.54E-07	3.17E-08	1.86E-07
284	624618.39	4265612.02	9.95E-07	3.42E-07	1.34E-06	8.32E-07	2.56E-07	1.09E-06	1.97E-07	6.56E-08	2.63E-07	1.54E-07	3.16E-08	1.85E-07

285	624608.48	4265611.88	9.89E-07	3.40E-07	1.33E-06	8.27E-07	2.55E-07	1.08E-06	1.96E-07	6.52E-08	2.61E-07	1.53E-07	3.14E-08	1.84E-07
286	624598.57	4265611.74	9.81E-07	3.37E-07	1.32E-06	8.20E-07	2.52E-07	1.07E-06	1.94E-07	6.46E-08	2.59E-07	1.51E-07	3.11E-08	1.82E-07
287	624588.66	4265611.61	9.73E-07	3.34E-07	1.31E-06	8.13E-07	2.50E-07	1.06E-06	1.93E-07	6.41E-08	2.57E-07	1.50E-07	3.09E-08	1.81E-07
288	624578.76	4265611.47	9.65E-07	3.32E-07	1.30E-06	8.06E-07	2.48E-07	1.05E-06	1.91E-07	6.36E-08	2.55E-07	1.49E-07	3.06E-08	1.79E-07
289	624568.85	4265611.33	9.56E-07	3.29E-07	1.28E-06	7.99E-07	2.46E-07	1.05E-06	1.89E-07	6.30E-08	2.52E-07	1.48E-07	3.03E-08	1.78E-07
290	624558.94	4265611.19	9.44E-07	3.24E-07	1.27E-06	7.89E-07	2.43E-07	1.03E-06	1.87E-07	6.22E-08	2.49E-07	1.46E-07	2.99E-08	1.76E-07
291	624549.03	4265611.06	9.27E-07	3.19E-07	1.25E-06	7.75E-07	2.39E-07	1.01E-06	1.83E-07	6.11E-08	2.45E-07	1.43E-07	2.94E-08	1.72E-07
292	624539.12	4265610.92	9.08E-07	3.12E-07	1.22E-06	7.59E-07	2.34E-07	9.92E-07	1.80E-07	5.98E-08	2.39E-07	1.40E-07	2.88E-08	1.69E-07
293	624529.21	4265610.78	8.88E-07	3.05E-07	1.19E-06	7.42E-07	2.29E-07	9.71E-07	1.76E-07	5.85E-08	2.34E-07	1.37E-07	2.82E-08	1.65E-07
294	624519.3	4265610.64	8.69E-07	2.99E-07	1.17E-06	7.26E-07	2.24E-07	9.50E-07	1.72E-07	5.72E-08	2.29E-07	1.34E-07	2.76E-08	1.62E-07
295	624509.39	4265610.51	8.49E-07	2.92E-07	1.14E-06	7.10E-07	2.19E-07	9.28E-07	1.68E-07	5.59E-08	2.24E-07	1.31E-07	2.69E-08	1.58E-07
296	624499.49	4265610.37	8.27E-07	2.84E-07	1.11E-06	6.91E-07	2.13E-07	9.04E-07	1.64E-07	5.45E-08	2.18E-07	1.28E-07	2.62E-08	1.54E-07
297	624489.58	4265610.23	8.01E-07	2.75E-07	1.08E-06	6.69E-07	2.06E-07	8.76E-07	1.59E-07	5.28E-08	2.11E-07	1.24E-07	2.54E-08	1.49E-07
298	624479.67	4265610.09	7.73E-07	2.66E-07	1.04E-06	6.46E-07	1.99E-07	8.45E-07	1.53E-07	5.10E-08	2.04E-07	1.19E-07	2.45E-08	1.44E-07
299	624469.76	4265609.96	7.46E-07	2.56E-07	1.00E-06	6.23E-07	1.92E-07	8.15E-07	1.48E-07	4.91E-08	1.97E-07	1.15E-07	2.37E-08	1.39E-07
300	624459.85	4265609.82	7.18E-07	2.47E-07	9.65E-07	6.00E-07	1.85E-07	7.85E-07	1.42E-07	4.73E-08	1.89E-07	1.11E-07	2.28E-08	1.34E-07
301	624449.94	4265609.68	6.89E-07	2.37E-07	9.26E-07	5.76E-07	1.77E-07	7.53E-07	1.36E-07	4.54E-08	1.82E-07	1.06E-07	2.19E-08	1.28E-07
302	624440.03	4265609.54	6.57E-07	2.26E-07	8.83E-07	5.49E-07	1.69E-07	7.18E-07	1.30E-07	4.33E-08	1.73E-07	1.01E-07	2.09E-08	1.22E-07
303	624430.12	4265609.41	6.20E-07	2.13E-07	8.33E-07	5.18E-07	1.60E-07	6.78E-07	1.23E-07	4.09E-08	1.64E-07	9.57E-08	1.97E-08	1.15E-07
304	624420.21	4265609.27	5.79E-07	1.99E-07	7.79E-07	4.84E-07	1.49E-07	6.34E-07	1.15E-07	3.82E-08	1.53E-07	8.94E-08	1.84E-08	1.08E-07
305	624410.31	4265609.13	5.38E-07	1.85E-07	7.23E-07	4.50E-07	1.39E-07	5.89E-07	1.07E-07	3.55E-08	1.42E-07	8.31E-08	1.71E-08	1.00E-07
306	624400.4	4265609	5.00E-07	1.72E-07	6.72E-07	4.18E-07	1.29E-07	5.47E-07	9.90E-08	3.29E-08	1.32E-07	7.71E-08	1.59E-08	9.30E-08
307	624390.49	4265608.86	4.66E-07	1.60E-07	6.26E-07	3.90E-07	1.20E-07	5.10E-07	9.23E-08	3.07E-08	1.23E-07	7.19E-08	1.48E-08	8.67E-08
308	624880.98	4265615.94	6.69E-07	2.30E-07	8.99E-07	5.59E-07	1.72E-07	7.31E-07	1.32E-07	4.41E-08	1.76E-07	1.03E-07	2.12E-08	1.24E-07
309	624897.4	4265623.03	6.26E-07	2.15E-07	8.42E-07	5.23E-07	1.61E-07	6.85E-07	1.24E-07	4.13E-08	1.65E-07	9.66E-08	1.99E-08	1.17E-07
310	624908.9	4265634.88	6.06E-07	2.08E-07	8.14E-07	5.06E-07	1.56E-07	6.62E-07	1.20E-07	3.99E-08	1.60E-07	9.34E-08	1.92E-08	1.13E-07
311	624915.49	4265651.52	6.04E-07	2.08E-07	8.11E-07	5.05E-07	1.55E-07	6.60E-07	1.19E-07	3.98E-08	1.59E-07	9.31E-08	1.92E-08	1.12E-07
312	624918.78	4265659.83	6.01E-07	2.07E-07	8.07E-07	5.02E-07	1.55E-07	6.57E-07	1.19E-07	3.96E-08	1.58E-07	9.27E-08	1.91E-08	1.12E-07
313	624846.43	4265605.18	7.49E-07	2.57E-07	1.01E-06	6.26E-07	1.93E-07	8.18E-07	1.48E-07	4.93E-08	1.97E-07	1.16E-07	2.38E-08	1.39E-07
314	624836.52	4265605.04	7.73E-07	2.66E-07	1.04E-06	6.46E-07	1.99E-07	8.46E-07	1.53E-07	5.10E-08	2.04E-07	1.19E-07	2.45E-08	1.44E-07
315	624826.61	4265604.9	7.94E-07	2.73E-07	1.07E-06	6.64E-07	2.04E-07	8.68E-07	1.57E-07	5.23E-08	2.10E-07	1.23E-07	2.52E-08	1.48E-07
316	624816.71	4265604.77	8.11E-07	2.79E-07	1.09E-06	6.78E-07	2.09E-07	8.87E-07	1.61E-07	5.34E-08	2.14E-07	1.25E-07	2.57E-08	1.51E-07
317	624806.8	4265604.63	8.25E-07	2.84E-07	1.11E-06	6.89E-07	2.12E-07	9.02E-07	1.63E-07	5.43E-08	2.18E-07	1.27E-07	2.62E-08	1.53E-07
318	624796.89	4265604.49	8.37E-07	2.88E-07	1.13E-06	7.00E-07	2.16E-07	9.15E-07	1.66E-07	5.52E-08	2.21E-07	1.29E-07	2.66E-08	1.56E-07
319	624786.98	4265604.35	8.48E-07	2.92E-07	1.14E-06	7.09E-07	2.18E-07	9.28E-07	1.68E-07	5.59E-08	2.24E-07	1.31E-07	2.69E-08	1.58E-07
320	624777.07	4265604.22	8.59E-07	2.95E-07	1.15E-06	7.18E-07	2.21E-07	9.39E-07	1.70E-07	5.66E-08	2.27E-07	1.32E-07	2.73E-08	1.60E-07
321	624767.16	4265604.08	8.67E-07	2.98E-07	1.17E-06	7.25E-07	2.23E-07	9.48E-07	1.72E-07	5.71E-08	2.29E-07	1.34E-07	2.75E-08	1.61E-07
322	624757.25	4265603.94	8.74E-07	3.00E-07	1.17E-06	7.30E-07	2.25E-07	9.55E-07	1.73E-07	5.76E-08	2.30E-07	1.35E-07	2.77E-08	1.63E-07
323	624747.34	4265603.81	8.79E-07	3.02E-07	1.18E-06	7.34E-07	2.26E-07	9.61E-07	1.74E-07	5.79E-08	2.32E-07	1.36E-07	2.79E-08	1.63E-07
324	624737.43	4265603.67	8.84E-07	3.04E-07	1.19E-06	7.39E-07	2.27E-07	9.66E-07	1.75E-07	5.82E-08	2.33E-07	1.36E-07	2.80E-08	1.64E-07
325	624727.53	4265603.53	8.89E-07	3.06E-07	1.20E-06	7.43E-07	2.29E-07	9.72E-07	1.76E-07	5.86E-08	2.35E-07	1.37E-07	2.82E-08	1.65E-07
326	624717.62	4265603.39	8.96E-07	3.08E-07	1.20E-06	7.49E-07	2.31E-07	9.79E-07	1.77E-07	5.90E-08	2.36E-07	1.38E-07	2.84E-08	1.67E-07
327	624707.71	4265603.26	9.02E-07	3.10E-07	1.21E-06	7.54E-07	2.32E-07	9.86E-07	1.79E-07	5.94E-08	2.38E-07	1.39E-07	2.86E-08	1.68E-07
328	624697.8	4265603.12	9.08E-07	3.12E-07	1.22E-06	7.59E-07	2.34E-07	9.93E-07	1.80E-07	5.99E-08	2.40E-07	1.40E-07	2.88E-08	1.69E-07
329	624687.89	4265602.98	9.13E-07	3.14E-07	1.23E-06	7.63E-07	2.35E-07	9.99E-07	1.81E-07	6.02E-08	2.41E-07	1.41E-07	2.90E-08	1.70E-07
330	624677.98	4265602.84	9.17E-07	3.15E-07	1.23E-06	7.66E-07	2.36E-07	1.00E-06	1.81E-07	6.04E-08	2.42E-07	1.41E-07	2.91E-08	1.71E-07
331	624668.07	4265602.71	9.19E-07	3.16E-07	1.24E-06	7.69E-07	2.37E-07	1.01E-06	1.82E-07	6.06E-08	2.43E-07	1.42E-07	2.92E-08	1.71E-07
332	624658.16	4265602.57	9.22E-07	3.17E-07	1.24E-06	7.71E-07	2.37E-07	1.01E-06	1.83E-07	6.08E-08	2.43E-07	1.42E-07	2.93E-08	1.72E-07
333	624648.26	4265602.43	9.24E-07	3.18E-07	1.24E-06	7.73E-07	2.38E-07	1.01E-06	1.83E-07	6.09E-08	2.44E-07	1.43E-07	2.93E-08	1.72E-07
334	624638.35	4265602.29	9.25E-07	3.18E-07	1.24E-06	7.74E-07	2.38E-07	1.01E-06	1.83E-07	6.10E-08	2.44E-07	1.43E-07	2.94E-08	1.72E-07
335	624628.44	4265602.16	9.24E-07	3.18E-07	1.24E-06	7.73E-07	2.38E-07	1.01E-06	1.83E-07	6.09E-08	2.44E-07	1.43E-07	2.93E-08	1.72E-07
336	624618.53	4265602.02	9.21E-07	3.17E-07	1.24E-06	7.70E-07	2.37E-07	1.01E-06	1.82E-07	6.07E-08	2.43E-07	1.42E-07	2.92E-08	1.71E-07
337	624608.62	4265601.88	9.15E-07	3.15E-07	1.23E-06	7.65E-07	2.36E-07	1.00E-06	1.81E-07	6.03E-08	2.41E-07	1.41E-07	2.90E-08	1.70E-07
338	624598.71	4265601.74	9.08E-07	3.12E-07	1.22E-06	7.59E-07	2.34E-07	9.93E-07	1.80E-07	5.98E-08	2.40E-07	1.40E-07	2.88E-08	1.69E-07
339	624588.8	4265601.61	9.00E-07	3.10E-07	1.21E-06	7.53E-07	2.32E-07	9.84E-07	1.78E-07	5.93E-08	2.38E-07	1.39E-07	2.86E-08	1.68E-07
340	624578.89	4265601.47	8.92E-07	3.07E-07	1.20E-06	7.45E-07	2.30E-07	9.75E-07	1.77E-07	5.88E-08	2.35E-07	1.38E-07	2.83E-08	1.66E-07
341	624568.99	4265601.33	8.81E-07	3.03E-07	1.18E-06	7.37E-07	2.27E-07	9.64E-07	1.74E-07	5.81E-08	2.33E-07	1.36E-07	2.80E-08	1.64E-07
342	624559.08	4265601.19	8.68E-07	2.99E-07	1.17E-06	7.26E-07	2.24E-07	9.49E-07	1.72E-07	5.72E-08	2.29E-07	1.34E-07	2.76E-08	1.62E-07
343	624549.17	4265601.06	8.53E-07	2.93E-07	1.15E-06	7.13E-07	2.20E-07	9.33E-07	1.69E-07	5.62E-08	2.25E-07	1.32E-07	2.71E-08	1.59E-07
344	624539.26	4265600.92	8.36E-07	2.88E-07	1.12E-06	6.99E-07	2.15E-07	9.14E-07	1.66E-07	5.51E-08	2.21E-07	1.29E-07	2.65E-08	1.56E-07
345	624529.35	4265600.78	8.19E-07	2.81E-07	1.10E-06	6.84E-07	2.11E-07	8.95E-07	1.62E-07	5.39E-08	2.16E-07	1.26E-07	2.60E-08	1.52E-07
346	624519.44	4265600.65	8.00E-07	2.75E-07	1.08E-06	6.69E-07	2.06E-07	8.75E-07	1.58E-07	5.27E-08	2.11E-07	1.23E-07	2.54E-08	1.49E-07
347	624509.53	4265600.51	7.80E-07	2.68E-07	1.05E-06	6.52E-07	2.01E-07	8.53E-07	1.54E-07	5.14E-08	2.06E-07	1.20E-07	2.48E-08	1.45E-07
348	624499.62	4265600.37	7.59E-07	2.61E-07	1.02E-06	6.34E-07	1.95E-07	8.29E-07	1.50E-07	5.00E-08	2.00E-07	1.17E-07	2.41E-08	1.41E-07
349	624489.71	4265600.23	7.35E-07	2.53E-07	9.88E-07	6.14E-07	1.89E-07	8.04E-07	1.45E-07	4.84E-08	1.94E-07	1.13E-07	2.33E-08	1.37E-07
350	624479.81	4265600.1	7.11E-07	2.44E-07	9.55E-07	5.94E-07	1.83E-07	7.77E-07	1.41E-07	4.68E-08	1.87E-07	1.10E-07	2.26E-08	1.32E-07
351	624469.9	4265599.96	6.85E-07	2.36E-07	9.21E-07	5.73E-07	1.76E-07	7.49E-07	1.36E-07	4.52E-08	1.81E-07	1.06E-07	2.18E-08	1.28E-07
352	624459.99	4265599.82	6.59E-07	2.27E-07	8.86E-07	5.51E-07	1.70E-07	7.21E-07	1.31E-07	4.34E-08	1.74E-07	1.02E-07	2.09E-08	1.23E-07
353	624450.08	4265599.68	6.31E-07	2.17E-07	8.48E-07	5.28E-07	1.63E-07	6.90E-07	1.25E-07	4.16E-08	1.67E-07	9.74E-08	2.00E-08	1.17E-07
354	624440.17	4265599.55	6.01E-07	2.07E-07	8.07E-07	5.02E-07	1.55E-07	6.57E-07	1.19E-07	3.96E-08	1.58E-07	9.27E-08	1.91E-08	1.12E-07
355	624430.26	4265599.41	5.67E-07	1.95E-07	7.62E-07	4.74E-07	1.46E-07	6.20E-07	1.12E-07	3.74E-08	1.50E-07	8.75E-08	1.80E-08	1.06E-07
356	624420.35	4265599.27	5.33E-07	1.83E-07	7.16E-07	4.45E-07	1.37E-07	5.82E-07	1.05E-07	3.51E-08	1.41E-07	8.22E-08	1.69E-08	9.91E-08

357	624410.44	4265599.13	4.99E-07	1.71E-07	6.70E-07	4.17E-07	1.28E-07	5.45E-07	9.87E-08	3.28E-08	1.32E-07	7.69E-08	1.58E-08	9.27E-08
358	624400.54	4265599	4.67E-07	1.61E-07	6.27E-07	3.90E-07	1.20E-07	5.10E-07	9.24E-08	3.08E-08	1.23E-07	7.20E-08	1.48E-08	8.68E-08
359	624390.63	4265598.86	4.38E-07	1.51E-07	5.89E-07	3.66E-07	1.13E-07	4.79E-07	8.67E-08	2.89E-08	1.16E-07	6.76E-08	1.39E-08	8.15E-08
360	624880.61	4265605.73	6.46E-07	2.22E-07	8.69E-07	5.40E-07	1.66E-07	7.07E-07	1.28E-07	4.26E-08	1.71E-07	9.97E-08	2.05E-08	1.20E-07
361	624896.7	4265612.67	6.10E-07	2.10E-07	8.20E-07	5.10E-07	1.57E-07	6.67E-07	1.21E-07	4.02E-08	1.61E-07	9.41E-08	1.94E-08	1.13E-07
362	624916.01	4265627.75	5.73E-07	1.97E-07	7.70E-07	4.79E-07	1.47E-07	6.26E-07	1.13E-07	3.77E-08	1.51E-07	8.84E-08	1.82E-08	1.07E-07
363	624922.46	4265644.04	5.71E-07	1.96E-07	7.68E-07	4.77E-07	1.47E-07	6.24E-07	1.13E-07	3.76E-08	1.51E-07	8.81E-08	1.81E-08	1.06E-07
364	624928.91	4265660.34	5.65E-07	1.94E-07	7.60E-07	4.73E-07	1.46E-07	6.18E-07	1.12E-07	3.73E-08	1.49E-07	8.72E-08	1.79E-08	1.05E-07
365	624846.57	4265595.18	7.11E-07	2.44E-07	9.55E-07	5.94E-07	1.83E-07	7.77E-07	1.41E-07	4.68E-08	1.87E-07	1.10E-07	2.26E-08	1.32E-07
366	624836.66	4265595.04	7.31E-07	2.52E-07	9.83E-07	6.11E-07	1.88E-07	8.00E-07	1.45E-07	4.82E-08	1.93E-07	1.13E-07	2.32E-08	1.36E-07
367	624826.75	4265594.91	7.49E-07	2.58E-07	1.01E-06	6.26E-07	1.93E-07	8.19E-07	1.48E-07	4.94E-08	1.98E-07	1.16E-07	2.38E-08	1.39E-07
368	624816.84	4265594.77	7.64E-07	2.63E-07	1.03E-06	6.38E-07	1.97E-07	8.35E-07	1.51E-07	5.03E-08	2.02E-07	1.18E-07	2.42E-08	1.42E-07
369	624806.94	4265594.63	7.77E-07	2.67E-07	1.04E-06	6.49E-07	2.00E-07	8.49E-07	1.54E-07	5.12E-08	2.05E-07	1.20E-07	2.46E-08	1.44E-07
370	624797.03	4265594.49	7.88E-07	2.71E-07	1.06E-06	6.59E-07	2.03E-07	8.61E-07	1.56E-07	5.19E-08	2.08E-07	1.22E-07	2.50E-08	1.47E-07
371	624787.12	4265594.36	7.98E-07	2.74E-07	1.07E-06	6.67E-07	2.05E-07	8.72E-07	1.58E-07	5.26E-08	2.11E-07	1.23E-07	2.53E-08	1.48E-07
372	624777.21	4265594.22	8.07E-07	2.77E-07	1.08E-06	6.74E-07	2.08E-07	8.82E-07	1.60E-07	5.31E-08	2.13E-07	1.24E-07	2.56E-08	1.50E-07
373	624767.3	4265594.08	8.14E-07	2.80E-07	1.09E-06	6.80E-07	2.09E-07	8.89E-07	1.61E-07	5.36E-08	2.15E-07	1.26E-07	2.58E-08	1.51E-07
374	624757.39	4265593.94	8.19E-07	2.82E-07	1.10E-06	6.85E-07	2.11E-07	8.96E-07	1.62E-07	5.40E-08	2.16E-07	1.26E-07	2.60E-08	1.52E-07
375	624747.48	4265593.81	8.24E-07	2.83E-07	1.11E-06	6.89E-07	2.12E-07	9.01E-07	1.63E-07	5.43E-08	2.17E-07	1.27E-07	2.62E-08	1.53E-07
376	624737.57	4265593.67	8.30E-07	2.85E-07	1.12E-06	6.94E-07	2.14E-07	9.07E-07	1.64E-07	5.47E-08	2.19E-07	1.28E-07	2.63E-08	1.54E-07
377	624727.66	4265593.53	8.36E-07	2.87E-07	1.12E-06	6.98E-07	2.15E-07	9.14E-07	1.65E-07	5.51E-08	2.20E-07	1.29E-07	2.65E-08	1.55E-07
378	624717.76	4265593.39	8.41E-07	2.89E-07	1.13E-06	7.03E-07	2.17E-07	9.20E-07	1.67E-07	5.54E-08	2.22E-07	1.30E-07	2.67E-08	1.56E-07
379	624707.85	4265593.26	8.46E-07	2.91E-07	1.14E-06	7.07E-07	2.18E-07	9.25E-07	1.68E-07	5.58E-08	2.23E-07	1.31E-07	2.69E-08	1.57E-07
380	624697.94	4265593.12	8.51E-07	2.93E-07	1.14E-06	7.11E-07	2.19E-07	9.30E-07	1.68E-07	5.61E-08	2.24E-07	1.31E-07	2.70E-08	1.58E-07
381	624688.03	4265592.98	8.55E-07	2.94E-07	1.15E-06	7.14E-07	2.20E-07	9.34E-07	1.69E-07	5.63E-08	2.25E-07	1.32E-07	2.71E-08	1.59E-07
382	624678.12	4265592.84	8.58E-07	2.95E-07	1.15E-06	7.17E-07	2.21E-07	9.38E-07	1.70E-07	5.65E-08	2.26E-07	1.32E-07	2.72E-08	1.60E-07
383	624668.21	4265592.71	8.60E-07	2.96E-07	1.16E-06	7.19E-07	2.22E-07	9.41E-07	1.70E-07	5.67E-08	2.27E-07	1.33E-07	2.73E-08	1.60E-07
384	624658.3	4265592.57	8.63E-07	2.97E-07	1.16E-06	7.21E-07	2.22E-07	9.43E-07	1.71E-07	5.68E-08	2.28E-07	1.33E-07	2.74E-08	1.60E-07
385	624648.39	4265592.43	8.64E-07	2.97E-07	1.16E-06	7.22E-07	2.22E-07	9.44E-07	1.71E-07	5.69E-08	2.28E-07	1.33E-07	2.74E-08	1.61E-07
386	624638.49	4265592.29	8.63E-07	2.97E-07	1.16E-06	7.21E-07	2.22E-07	9.44E-07	1.71E-07	5.69E-08	2.28E-07	1.33E-07	2.74E-08	1.61E-07
387	624628.58	4265592.16	8.60E-07	2.96E-07	1.16E-06	7.19E-07	2.22E-07	9.41E-07	1.70E-07	5.67E-08	2.27E-07	1.33E-07	2.73E-08	1.60E-07
388	624618.67	4265592.02	8.56E-07	2.94E-07	1.15E-06	7.16E-07	2.20E-07	9.36E-07	1.69E-07	5.64E-08	2.26E-07	1.32E-07	2.72E-08	1.59E-07
389	624608.76	4265591.88	8.51E-07	2.92E-07	1.14E-06	7.11E-07	2.19E-07	9.30E-07	1.68E-07	5.60E-08	2.24E-07	1.31E-07	2.70E-08	1.58E-07
390	624598.85	4265591.75	8.44E-07	2.90E-07	1.13E-06	7.06E-07	2.17E-07	9.23E-07	1.67E-07	5.56E-08	2.23E-07	1.30E-07	2.68E-08	1.57E-07
391	624588.94	4265591.61	8.37E-07	2.88E-07	1.12E-06	6.99E-07	2.15E-07	9.15E-07	1.66E-07	5.51E-08	2.21E-07	1.29E-07	2.66E-08	1.56E-07
392	624579.03	4265591.47	8.28E-07	2.85E-07	1.11E-06	6.92E-07	2.13E-07	9.05E-07	1.64E-07	5.45E-08	2.18E-07	1.28E-07	2.63E-08	1.54E-07
393	624569.12	4265591.33	8.17E-07	2.81E-07	1.10E-06	6.82E-07	2.10E-07	8.93E-07	1.62E-07	5.38E-08	2.15E-07	1.26E-07	2.59E-08	1.52E-07
394	624559.22	4265591.2	8.04E-07	2.76E-07	1.08E-06	6.72E-07	2.07E-07	8.79E-07	1.59E-07	5.29E-08	2.12E-07	1.24E-07	2.55E-08	1.50E-07
395	624549.31	4265591.06	7.89E-07	2.71E-07	1.06E-06	6.60E-07	2.03E-07	8.63E-07	1.56E-07	5.20E-08	2.08E-07	1.22E-07	2.50E-08	1.47E-07
396	624539.4	4265590.92	7.74E-07	2.66E-07	1.04E-06	6.47E-07	1.99E-07	8.46E-07	1.53E-07	5.10E-08	2.04E-07	1.19E-07	2.46E-08	1.44E-07
397	624529.49	4265590.78	7.58E-07	2.61E-07	1.02E-06	6.33E-07	1.95E-07	8.28E-07	1.50E-07	4.99E-08	2.00E-07	1.17E-07	2.40E-08	1.41E-07
398	624519.58	4265590.65	7.40E-07	2.54E-07	9.94E-07	6.19E-07	1.91E-07	8.09E-07	1.46E-07	4.88E-08	1.95E-07	1.14E-07	2.35E-08	1.38E-07
399	624509.67	4265590.51	7.21E-07	2.48E-07	9.69E-07	6.02E-07	1.86E-07	7.88E-07	1.43E-07	4.75E-08	1.90E-07	1.11E-07	2.29E-08	1.34E-07
400	624499.76	4265590.37	7.00E-07	2.41E-07	9.41E-07	5.85E-07	1.80E-07	7.65E-07	1.39E-07	4.61E-08	1.85E-07	1.08E-07	2.22E-08	1.30E-07
401	624489.85	4265590.23	6.78E-07	2.33E-07	9.12E-07	5.67E-07	1.75E-07	7.42E-07	1.34E-07	4.47E-08	1.79E-07	1.05E-07	2.15E-08	1.26E-07
402	624479.94	4265590.1	6.56E-07	2.26E-07	8.82E-07	5.48E-07	1.69E-07	7.17E-07	1.30E-07	4.32E-08	1.73E-07	1.01E-07	2.08E-08	1.22E-07
403	624470.04	4265589.96	6.33E-07	2.18E-07	8.51E-07	5.29E-07	1.63E-07	6.92E-07	1.25E-07	4.17E-08	1.67E-07	9.77E-08	2.01E-08	1.18E-07
404	624460.13	4265589.82	6.08E-07	2.09E-07	8.17E-07	5.08E-07	1.57E-07	6.65E-07	1.20E-07	4.01E-08	1.60E-07	9.39E-08	1.93E-08	1.13E-07
405	624450.22	4265589.68	5.82E-07	2.00E-07	7.82E-07	4.86E-07	1.50E-07	6.36E-07	1.15E-07	3.83E-08	1.53E-07	8.98E-08	1.85E-08	1.08E-07
406	624440.31	4265589.55	5.53E-07	1.90E-07	7.43E-07	4.62E-07	1.42E-07	6.05E-07	1.09E-07	3.64E-08	1.46E-07	8.54E-08	1.76E-08	1.03E-07
407	624430.4	4265589.41	5.23E-07	1.80E-07	7.03E-07	4.38E-07	1.35E-07	5.72E-07	1.04E-07	3.45E-08	1.38E-07	8.08E-08	1.66E-08	9.74E-08
408	624420.49	4265589.27	4.94E-07	1.70E-07	6.63E-07	4.13E-07	1.27E-07	5.40E-07	9.77E-08	3.25E-08	1.30E-07	7.62E-08	1.57E-08	9.18E-08
409	624410.58	4265589.13	4.65E-07	1.60E-07	6.25E-07	3.89E-07	1.20E-07	5.08E-07	9.21E-08	3.06E-08	1.23E-07	7.18E-08	1.48E-08	8.65E-08
410	624400.67	4265589	4.38E-07	1.51E-07	5.89E-07	3.66E-07	1.13E-07	4.79E-07	8.67E-08	2.89E-08	1.16E-07	6.76E-08	1.39E-08	8.15E-08
411	624390.77	4265588.86	4.14E-07	1.42E-07	5.56E-07	3.46E-07	1.06E-07	4.52E-07	8.19E-08	2.73E-08	1.09E-07	6.38E-08	1.31E-08	7.70E-08
412	624874.72	4265593.13	6.33E-07	2.18E-07	8.51E-07	5.29E-07	1.63E-07	6.92E-07	1.25E-07	4.17E-08	1.67E-07	9.77E-08	2.01E-08	1.18E-07
413	624883.77	4265597.03	6.18E-07	2.12E-07	8.30E-07	5.16E-07	1.59E-07	6.75E-07	1.22E-07	4.07E-08	1.63E-07	9.53E-08	1.96E-08	1.15E-07
414	624892.82	4265600.93	6.00E-07	2.06E-07	8.06E-07	5.01E-07	1.54E-07	6.56E-07	1.19E-07	3.95E-08	1.58E-07	9.26E-08	1.90E-08	1.12E-07
415	624901.87	4265604.84	5.81E-07	2.00E-07	7.81E-07	4.86E-07	1.50E-07	6.35E-07	1.15E-07	3.83E-08	1.53E-07	8.97E-08	1.84E-08	1.08E-07
416	624910.92	4265608.74	5.62E-07	1.93E-07	7.55E-07	4.69E-07	1.45E-07	6.14E-07	1.11E-07	3.70E-08	1.48E-07	8.67E-08	1.78E-08	1.04E-07
417	624923.59	4265621.81	5.43E-07	1.87E-07	7.30E-07	4.54E-07	1.40E-07	5.94E-07	1.07E-07	3.58E-08	1.43E-07	8.38E-08	1.72E-08	1.01E-07
418	624927.22	4265630.97	5.42E-07	1.87E-07	7.29E-07	4.53E-07	1.40E-07	5.93E-07	1.07E-07	3.57E-08	1.43E-07	8.37E-08	1.72E-08	1.01E-07
419	624930.85	4265640.14	5.41E-07	1.86E-07	7.27E-07	4.52E-07	1.39E-07	5.91E-07	1.07E-07	3.56E-08	1.43E-07	8.35E-08	1.72E-08	1.01E-07
420	624934.48	4265649.3	5.38E-07	1.85E-07	7.23E-07	4.50E-07	1.39E-07	5.88E-07	1.07E-07	3.55E-08	1.42E-07	8.30E-08	1.71E-08	1.00E-07
421	624938.1	4265658.46	5.34E-07	1.84E-07	7.18E-07	4.47E-07	1.38E-07	5.84E-07	1.06E-07	3.52E-08	1.41E-07	8.24E-08	1.70E-08	9.94E-08
422	624941.73	4265667.63	5.29E-07	1.82E-07	7.12E-07	4.43E-07	1.36E-07	5.79E-07	1.05E-07	3.49E-08	1.40E-07	8.17E-08	1.68E-08	9.85E-08
423	624846.71	4265585.18	6.76E-07	2.32E-07	9.08E-07	5.65E-07	1.74E-07	7.39E-07	1.34E-07	4.45E-08	1.78E-07	1.04E-07	2.15E-08	1.26E-07
424	624836.8	4265585.04	6.94E-07	2.39E-07	9.32E-07	5.80E-07	1.79E-07	7.58E-07	1.37E-07	4.57E-08	1.83E-07	1.07E-07	2.20E-08	1.29E-07
425	624826.89	4265584.91	7.09E-07	2.44E-07	9.53E-07	5.92E-07	1.83E-07	7.75E-07	1.40E-07	4.67E-08	1.87E-07	1.09E-07	2.25E-08	1.32E-07
426	624816.98	4265584.77	7.22E-07	2.48E-07	9.70E-07	6.03E-07	1.86E-07	7.89E-07	1.43E-07	4.76E-08	1.90E-07	1.11E-07	2.29E-08	1.34E-07
427	624807.07	4265584.63	7.34E-07	2.52E-07	9.86E-07	6.13E-07	1.89E-07	8.02E-07	1.45E-07	4.83E-08	1.94E-07	1.13E-07	2.33E-08	1.36E-07
428	624797.17	4265584.49	7.44E-07	2.56E-07	1.00E-06	6.22E-07	1.92E-07	8.13E-07	1.47E-07	4.90E-08	1.96E-07	1.15E-07	2.36E-08	1.38E-07

429	624787.26	4265584.36	7.53E-07	2.59E-07	1.01E-06	6.29E-07	1.94E-07	8.23E-07	1.49E-07	4.96E-08	1.99E-07	1.16E-07	2.39E-08	1.40E-07
430	624777.35	4265584.22	7.60E-07	2.61E-07	1.02E-06	6.35E-07	1.96E-07	8.31E-07	1.50E-07	5.01E-08	2.01E-07	1.17E-07	2.41E-08	1.41E-07
431	624767.44	4265584.08	7.66E-07	2.63E-07	1.03E-06	6.40E-07	1.97E-07	8.38E-07	1.52E-07	5.05E-08	2.02E-07	1.18E-07	2.43E-08	1.43E-07
432	624757.53	4265583.94	7.71E-07	2.65E-07	1.04E-06	6.45E-07	1.99E-07	8.43E-07	1.53E-07	5.08E-08	2.03E-07	1.19E-07	2.45E-08	1.43E-07
433	624747.62	4265583.81	7.76E-07	2.67E-07	1.04E-06	6.49E-07	2.00E-07	8.49E-07	1.54E-07	5.12E-08	2.05E-07	1.20E-07	2.46E-08	1.44E-07
434	624737.71	4265583.67	7.82E-07	2.69E-07	1.05E-06	6.53E-07	2.01E-07	8.55E-07	1.55E-07	5.15E-08	2.06E-07	1.21E-07	2.48E-08	1.45E-07
435	624727.8	4265583.53	7.87E-07	2.71E-07	1.06E-06	6.58E-07	2.03E-07	8.61E-07	1.56E-07	5.19E-08	2.08E-07	1.21E-07	2.50E-08	1.46E-07
436	624717.89	4265583.4	7.92E-07	2.72E-07	1.06E-06	6.62E-07	2.04E-07	8.66E-07	1.57E-07	5.22E-08	2.09E-07	1.22E-07	2.51E-08	1.47E-07
437	624707.99	4265583.26	7.96E-07	2.74E-07	1.07E-06	6.66E-07	2.05E-07	8.71E-07	1.58E-07	5.25E-08	2.10E-07	1.23E-07	2.53E-08	1.48E-07
438	624698.08	4265583.12	8.00E-07	2.75E-07	1.07E-06	6.68E-07	2.06E-07	8.74E-07	1.58E-07	5.27E-08	2.11E-07	1.23E-07	2.54E-08	1.49E-07
439	624688.17	4265582.98	8.03E-07	2.76E-07	1.08E-06	6.71E-07	2.07E-07	8.78E-07	1.59E-07	5.29E-08	2.12E-07	1.24E-07	2.55E-08	1.49E-07
440	624678.26	4265582.85	8.05E-07	2.77E-07	1.08E-06	6.73E-07	2.07E-07	8.80E-07	1.59E-07	5.31E-08	2.12E-07	1.24E-07	2.56E-08	1.50E-07
441	624668.35	4265582.71	8.07E-07	2.78E-07	1.09E-06	6.75E-07	2.08E-07	8.83E-07	1.60E-07	5.32E-08	2.13E-07	1.25E-07	2.56E-08	1.50E-07
442	624658.44	4265582.57	8.09E-07	2.78E-07	1.09E-06	6.76E-07	2.08E-07	8.84E-07	1.60E-07	5.33E-08	2.13E-07	1.25E-07	2.57E-08	1.50E-07
443	624648.53	4265582.43	8.09E-07	2.78E-07	1.09E-06	6.76E-07	2.08E-07	8.85E-07	1.60E-07	5.33E-08	2.13E-07	1.25E-07	2.57E-08	1.51E-07
444	624638.62	4265582.3	8.07E-07	2.78E-07	1.09E-06	6.75E-07	2.08E-07	8.83E-07	1.60E-07	5.32E-08	2.13E-07	1.25E-07	2.56E-08	1.50E-07
445	624628.72	4265582.16	8.04E-07	2.76E-07	1.08E-06	6.72E-07	2.07E-07	8.79E-07	1.59E-07	5.30E-08	2.12E-07	1.24E-07	2.55E-08	1.50E-07
446	624618.81	4265582.02	7.99E-07	2.75E-07	1.07E-06	6.68E-07	2.06E-07	8.74E-07	1.58E-07	5.27E-08	2.11E-07	1.23E-07	2.54E-08	1.49E-07
447	624608.9	4265581.88	7.94E-07	2.73E-07	1.07E-06	6.63E-07	2.04E-07	8.68E-07	1.57E-07	5.23E-08	2.09E-07	1.22E-07	2.52E-08	1.48E-07
448	624598.99	4265581.75	7.87E-07	2.71E-07	1.06E-06	6.58E-07	2.03E-07	8.61E-07	1.56E-07	5.19E-08	2.08E-07	1.21E-07	2.50E-08	1.46E-07
449	624589.08	4265581.61	7.80E-07	2.68E-07	1.05E-06	6.52E-07	2.01E-07	8.53E-07	1.54E-07	5.14E-08	2.06E-07	1.20E-07	2.47E-08	1.45E-07
450	624579.17	4265581.47	7.71E-07	2.65E-07	1.04E-06	6.44E-07	1.98E-07	8.42E-07	1.53E-07	5.08E-08	2.03E-07	1.19E-07	2.45E-08	1.43E-07
451	624569.26	4265581.33	7.59E-07	2.61E-07	1.02E-06	6.35E-07	1.96E-07	8.30E-07	1.50E-07	5.00E-08	2.00E-07	1.17E-07	2.41E-08	1.41E-07
452	624559.35	4265581.2	7.47E-07	2.57E-07	1.00E-06	6.24E-07	1.92E-07	8.17E-07	1.48E-07	4.92E-08	1.97E-07	1.15E-07	2.37E-08	1.39E-07
453	624549.45	4265581.06	7.34E-07	2.52E-07	9.86E-07	6.13E-07	1.89E-07	8.02E-07	1.45E-07	4.83E-08	1.94E-07	1.13E-07	2.33E-08	1.36E-07
454	624539.54	4265580.92	7.19E-07	2.47E-07	9.67E-07	6.01E-07	1.85E-07	7.86E-07	1.42E-07	4.74E-08	1.90E-07	1.11E-07	2.28E-08	1.34E-07
455	624529.63	4265580.78	7.04E-07	2.42E-07	9.46E-07	5.88E-07	1.81E-07	7.70E-07	1.39E-07	4.64E-08	1.86E-07	1.09E-07	2.23E-08	1.31E-07
456	624519.72	4265580.65	6.87E-07	2.36E-07	9.23E-07	5.74E-07	1.77E-07	7.51E-07	1.36E-07	4.53E-08	1.81E-07	1.06E-07	2.18E-08	1.28E-07
457	624509.81	4265580.51	6.69E-07	2.30E-07	8.98E-07	5.59E-07	1.72E-07	7.31E-07	1.32E-07	4.41E-08	1.76E-07	1.03E-07	2.12E-08	1.24E-07
458	624499.9	4265580.37	6.49E-07	2.23E-07	8.72E-07	5.43E-07	1.67E-07	7.10E-07	1.28E-07	4.28E-08	1.71E-07	1.00E-07	2.06E-08	1.21E-07
459	624489.99	4265580.23	6.29E-07	2.16E-07	8.45E-07	5.26E-07	1.62E-07	6.88E-07	1.24E-07	4.14E-08	1.66E-07	9.71E-08	2.00E-08	1.17E-07
460	624480.08	4265580.1	6.08E-07	2.09E-07	8.18E-07	5.09E-07	1.57E-07	6.65E-07	1.20E-07	4.01E-08	1.61E-07	9.39E-08	1.93E-08	1.13E-07
461	624470.17	4265579.96	5.87E-07	2.02E-07	7.89E-07	4.91E-07	1.51E-07	6.42E-07	1.16E-07	3.87E-08	1.55E-07	9.06E-08	1.86E-08	1.09E-07
462	624460.27	4265579.82	5.64E-07	1.94E-07	7.58E-07	4.71E-07	1.45E-07	6.16E-07	1.12E-07	3.71E-08	1.49E-07	8.70E-08	1.79E-08	1.05E-07
463	624450.36	4265579.69	5.39E-07	1.85E-07	7.24E-07	4.51E-07	1.39E-07	5.89E-07	1.07E-07	3.55E-08	1.42E-07	8.32E-08	1.71E-08	1.00E-07
464	624440.45	4265579.55	5.13E-07	1.76E-07	6.89E-07	4.29E-07	1.32E-07	5.61E-07	1.02E-07	3.38E-08	1.35E-07	7.92E-08	1.63E-08	9.54E-08
465	624430.54	4265579.41	4.87E-07	1.67E-07	6.54E-07	4.07E-07	1.25E-07	5.32E-07	9.63E-08	3.21E-08	1.28E-07	7.51E-08	1.54E-08	9.05E-08
466	624420.63	4265579.27	4.61E-07	1.58E-07	6.19E-07	3.85E-07	1.19E-07	5.04E-07	9.12E-08	3.04E-08	1.22E-07	7.11E-08	1.46E-08	8.57E-08
467	624410.72	4265579.14	4.36E-07	1.50E-07	5.86E-07	3.65E-07	1.12E-07	4.77E-07	8.64E-08	2.88E-08	1.15E-07	6.73E-08	1.38E-08	8.12E-08
468	624400.81	4265579	4.13E-07	1.42E-07	5.56E-07	3.46E-07	1.06E-07	4.52E-07	8.18E-08	2.72E-08	1.09E-07	6.38E-08	1.31E-08	7.69E-08
469	624390.9	4265578.86	3.92E-07	1.35E-07	5.27E-07	3.28E-07	1.01E-07	4.29E-07	7.76E-08	2.58E-08	1.03E-07	6.05E-08	1.24E-08	7.29E-08
470	624381	4265578.72	3.72E-07	1.28E-07	5.00E-07	3.11E-07	9.59E-08	4.07E-07	7.37E-08	2.45E-08	9.83E-08	5.75E-08	1.18E-08	6.93E-08
471	624371.09	4265578.59	3.55E-07	1.22E-07	4.77E-07	2.97E-07	9.14E-08	3.88E-07	7.03E-08	2.34E-08	9.36E-08	5.48E-08	1.13E-08	6.60E-08
472	624361.18	4265578.45	3.39E-07	1.17E-07	4.56E-07	2.84E-07	8.74E-08	3.71E-07	6.72E-08	2.24E-08	8.95E-08	5.24E-08	1.08E-08	6.31E-08
473	624874.35	4265582.91	6.10E-07	2.10E-07	8.19E-07	5.10E-07	1.57E-07	6.67E-07	1.21E-07	4.02E-08	1.61E-07	9.41E-08	1.94E-08	1.13E-07
474	624883.15	4265586.7	5.97E-07	2.05E-07	8.03E-07	4.99E-07	1.54E-07	6.53E-07	1.18E-07	3.93E-08	1.58E-07	9.22E-08	1.90E-08	1.11E-07
475	624891.95	4265590.5	5.83E-07	2.00E-07	7.83E-07	4.87E-07	1.50E-07	6.37E-07	1.15E-07	3.84E-08	1.54E-07	8.99E-08	1.85E-08	1.08E-07
476	624900.75	4265594.29	5.67E-07	1.95E-07	7.61E-07	4.74E-07	1.46E-07	6.19E-07	1.12E-07	3.73E-08	1.49E-07	8.74E-08	1.80E-08	1.05E-07
477	624909.55	4265598.09	5.50E-07	1.89E-07	7.39E-07	4.59E-07	1.42E-07	6.01E-07	1.09E-07	3.62E-08	1.45E-07	8.48E-08	1.74E-08	1.02E-07
478	624918.35	4265601.88	5.32E-07	1.83E-07	7.15E-07	4.45E-07	1.37E-07	5.82E-07	1.05E-07	3.51E-08	1.40E-07	8.21E-08	1.69E-08	9.90E-08
479	624930.67	4265614.59	5.15E-07	1.77E-07	6.93E-07	4.31E-07	1.33E-07	5.64E-07	1.02E-07	3.40E-08	1.36E-07	7.95E-08	1.64E-08	9.59E-08
480	624934.2	4265623.5	5.15E-07	1.77E-07	6.93E-07	4.31E-07	1.33E-07	5.63E-07	1.02E-07	3.40E-08	1.36E-07	7.95E-08	1.64E-08	9.59E-08
481	624937.72	4265632.41	5.14E-07	1.77E-07	6.91E-07	4.30E-07	1.32E-07	5.62E-07	1.02E-07	3.39E-08	1.36E-07	7.93E-08	1.63E-08	9.56E-08
482	624941.25	4265641.32	5.12E-07	1.76E-07	6.88E-07	4.28E-07	1.32E-07	5.60E-07	1.01E-07	3.37E-08	1.35E-07	7.90E-08	1.62E-08	9.52E-08
483	624944.78	4265650.23	5.09E-07	1.75E-07	6.84E-07	4.25E-07	1.31E-07	5.56E-07	1.01E-07	3.35E-08	1.34E-07	7.85E-08	1.61E-08	9.46E-08
484	624948.3	4265659.14	5.05E-07	1.74E-07	6.78E-07	4.22E-07	1.30E-07	5.52E-07	9.99E-08	3.33E-08	1.33E-07	7.79E-08	1.60E-08	9.39E-08
485	624951.83	4265668.05	5.00E-07	1.72E-07	6.72E-07	4.18E-07	1.29E-07	5.46E-07	9.89E-08	3.29E-08	1.32E-07	7.71E-08	1.59E-08	9.30E-08
486	624846.85	4265575.18	6.44E-07	2.22E-07	8.66E-07	5.38E-07	1.66E-07	7.04E-07	1.28E-07	4.24E-08	1.70E-07	9.94E-08	2.04E-08	1.20E-07
487	624836.94	4265575.04	6.59E-07	2.27E-07	8.86E-07	5.51E-07	1.70E-07	7.21E-07	1.31E-07	4.34E-08	1.74E-07	1.02E-07	2.09E-08	1.23E-07
488	624827.03	4265574.91	6.73E-07	2.31E-07	9.04E-07	5.62E-07	1.73E-07	7.36E-07	1.33E-07	4.43E-08	1.78E-07	1.04E-07	2.14E-08	1.25E-07
489	624817.12	4265574.77	6.85E-07	2.35E-07	9.20E-07	5.72E-07	1.76E-07	7.49E-07	1.36E-07	4.51E-08	1.81E-07	1.06E-07	2.17E-08	1.27E-07
490	624807.21	4265574.63	6.95E-07	2.39E-07	9.34E-07	5.81E-07	1.79E-07	7.60E-07	1.38E-07	4.58E-08	1.83E-07	1.07E-07	2.21E-08	1.29E-07
491	624797.3	4265574.5	7.04E-07	2.42E-07	9.47E-07	5.89E-07	1.81E-07	7.70E-07	1.39E-07	4.64E-08	1.86E-07	1.09E-07	2.24E-08	1.31E-07
492	624787.39	4265574.36	7.12E-07	2.45E-07	9.57E-07	5.95E-07	1.83E-07	7.79E-07	1.41E-07	4.69E-08	1.88E-07	1.10E-07	2.26E-08	1.33E-07
493	624777.49	4265574.22	7.19E-07	2.47E-07	9.66E-07	6.01E-07	1.85E-07	7.86E-07	1.42E-07	4.74E-08	1.90E-07	1.11E-07	2.28E-08	1.34E-07
494	624767.58	4265574.08	7.24E-07	2.49E-07	9.73E-07	6.05E-07	1.86E-07	7.92E-07	1.43E-07	4.77E-08	1.91E-07	1.12E-07	2.30E-08	1.35E-07
495	624757.67	4265573.95	7.29E-07	2.51E-07	9.80E-07	6.09E-07	1.88E-07	7.97E-07	1.44E-07	4.80E-08	1.92E-07	1.12E-07	2.31E-08	1.36E-07
496	624747.76	4265573.81	7.34E-07	2.52E-07	9.86E-07	6.13E-07	1.89E-07	8.02E-07	1.45E-07	4.83E-08	1.94E-07	1.13E-07	2.33E-08	1.36E-07
497	624737.85	4265573.67	7.39E-07	2.54E-07	9.93E-07	6.17E-07	1.90E-07	8.08E-07	1.46E-07	4.87E-08	1.95E-07	1.14E-07	2.34E-08	1.37E-07
498	624727.94	4265573.53	7.44E-07	2.56E-07	9.99E-07	6.21E-07	1.91E-07	8.13E-07	1.47E-07	4.90E-08	1.96E-07	1.15E-07	2.36E-08	1.38E-07
499	624718.03	4265573.4	7.48E-07	2.57E-07	1.00E-06	6.25E-07	1.93E-07	8.18E-07	1.48E-07	4.93E-08	1.97E-07	1.15E-07	2.37E-08	1.39E-07
500	624708.12	4265573.26	7.51E-07	2.58E-07	1.01E-06	6.28E-07	1.93E-07	8.21E-07	1.49E-07	4.95E-08	1.98E-07	1.16E-07	2.38E-08	1.40E-07

501	624698.22	4265573.12	7.54E-07	2.59E-07	1.01E-06	6.30E-07	1.94E-07	8.24E-07	1.49E-07	4.97E-08	1.99E-07	1.16E-07	2.39E-08	1.40E-07
502	624688.31	4265572.98	7.56E-07	2.60E-07	1.02E-06	6.32E-07	1.95E-07	8.26E-07	1.50E-07	4.98E-08	1.99E-07	1.17E-07	2.40E-08	1.41E-07
503	624678.4	4265572.85	7.58E-07	2.61E-07	1.02E-06	6.34E-07	1.95E-07	8.29E-07	1.50E-07	4.99E-08	2.00E-07	1.17E-07	2.41E-08	1.41E-07
504	624668.49	4265572.71	7.60E-07	2.61E-07	1.02E-06	6.35E-07	1.96E-07	8.31E-07	1.50E-07	5.01E-08	2.00E-07	1.17E-07	2.41E-08	1.41E-07
505	624658.58	4265572.57	7.60E-07	2.61E-07	1.02E-06	6.36E-07	1.96E-07	8.31E-07	1.51E-07	5.01E-08	2.01E-07	1.17E-07	2.41E-08	1.41E-07
506	624648.67	4265572.43	7.60E-07	2.61E-07	1.02E-06	6.35E-07	1.96E-07	8.31E-07	1.50E-07	5.01E-08	2.00E-07	1.17E-07	2.41E-08	1.41E-07
507	624638.76	4265572.3	7.58E-07	2.60E-07	1.02E-06	6.33E-07	1.95E-07	8.28E-07	1.50E-07	4.99E-08	2.00E-07	1.17E-07	2.40E-08	1.41E-07
508	624628.85	4265572.16	7.54E-07	2.59E-07	1.01E-06	6.30E-07	1.94E-07	8.24E-07	1.49E-07	4.97E-08	1.99E-07	1.16E-07	2.39E-08	1.40E-07
509	624618.95	4265572.02	7.49E-07	2.57E-07	1.01E-06	6.26E-07	1.93E-07	8.19E-07	1.48E-07	4.93E-08	1.98E-07	1.16E-07	2.38E-08	1.39E-07
510	624609.04	4265571.88	7.43E-07	2.56E-07	9.99E-07	6.21E-07	1.91E-07	8.12E-07	1.47E-07	4.90E-08	1.96E-07	1.15E-07	2.36E-08	1.38E-07
511	624599.13	4265571.75	7.37E-07	2.53E-07	9.90E-07	6.16E-07	1.90E-07	8.05E-07	1.46E-07	4.85E-08	1.94E-07	1.14E-07	2.34E-08	1.37E-07
512	624589.22	4265571.61	7.29E-07	2.51E-07	9.80E-07	6.09E-07	1.88E-07	7.97E-07	1.44E-07	4.80E-08	1.92E-07	1.13E-07	2.31E-08	1.36E-07
513	624579.31	4265571.47	7.20E-07	2.48E-07	9.67E-07	6.02E-07	1.85E-07	7.87E-07	1.42E-07	4.74E-08	1.90E-07	1.11E-07	2.28E-08	1.34E-07
514	624569.4	4265571.34	7.09E-07	2.44E-07	9.53E-07	5.93E-07	1.83E-07	7.75E-07	1.40E-07	4.67E-08	1.87E-07	1.09E-07	2.25E-08	1.32E-07
515	624559.49	4265571.2	6.97E-07	2.40E-07	9.37E-07	5.83E-07	1.79E-07	7.62E-07	1.38E-07	4.59E-08	1.84E-07	1.08E-07	2.21E-08	1.30E-07
516	624549.58	4265571.06	6.84E-07	2.35E-07	9.19E-07	5.72E-07	1.76E-07	7.48E-07	1.35E-07	4.51E-08	1.80E-07	1.06E-07	2.17E-08	1.27E-07
517	624539.67	4265570.92	6.71E-07	2.31E-07	9.01E-07	5.61E-07	1.73E-07	7.33E-07	1.33E-07	4.42E-08	1.77E-07	1.03E-07	2.13E-08	1.25E-07
518	624529.77	4265570.79	6.56E-07	2.26E-07	8.82E-07	5.48E-07	1.69E-07	7.17E-07	1.30E-07	4.32E-08	1.73E-07	1.01E-07	2.08E-08	1.22E-07
519	624519.86	4265570.65	6.40E-07	2.20E-07	8.60E-07	5.35E-07	1.65E-07	7.00E-07	1.27E-07	4.22E-08	1.69E-07	9.88E-08	2.03E-08	1.19E-07
520	624509.95	4265570.51	6.23E-07	2.14E-07	8.37E-07	5.20E-07	1.60E-07	6.81E-07	1.23E-07	4.10E-08	1.64E-07	9.61E-08	1.98E-08	1.16E-07
521	624500.04	4265570.37	6.04E-07	2.08E-07	8.12E-07	5.05E-07	1.56E-07	6.61E-07	1.20E-07	3.98E-08	1.59E-07	9.32E-08	1.92E-08	1.12E-07
522	624490.13	4265570.24	5.86E-07	2.01E-07	7.87E-07	4.89E-07	1.51E-07	6.40E-07	1.16E-07	3.86E-08	1.54E-07	9.04E-08	1.86E-08	1.09E-07
523	624480.22	4265570.1	5.66E-07	1.95E-07	7.61E-07	4.73E-07	1.46E-07	6.19E-07	1.12E-07	3.73E-08	1.49E-07	8.74E-08	1.80E-08	1.05E-07
524	624470.31	4265569.96	5.46E-07	1.88E-07	7.34E-07	4.57E-07	1.41E-07	5.97E-07	1.08E-07	3.60E-08	1.44E-07	8.43E-08	1.73E-08	1.02E-07
525	624460.4	4265569.82	5.25E-07	1.80E-07	7.05E-07	4.39E-07	1.35E-07	5.74E-07	1.04E-07	3.46E-08	1.38E-07	8.10E-08	1.67E-08	9.76E-08
526	624450.5	4265569.69	5.02E-07	1.73E-07	6.75E-07	4.20E-07	1.29E-07	5.49E-07	9.94E-08	3.31E-08	1.32E-07	7.75E-08	1.59E-08	9.34E-08
527	624440.59	4265569.55	4.78E-07	1.65E-07	6.43E-07	4.00E-07	1.23E-07	5.23E-07	9.47E-08	3.15E-08	1.26E-07	7.38E-08	1.52E-08	8.90E-08
528	624430.68	4265569.41	4.55E-07	1.57E-07	6.12E-07	3.80E-07	1.17E-07	4.98E-07	9.01E-08	3.00E-08	1.20E-07	7.02E-08	1.44E-08	8.47E-08
529	624420.77	4265569.27	4.33E-07	1.49E-07	5.81E-07	3.62E-07	1.11E-07	4.73E-07	8.56E-08	2.85E-08	1.14E-07	6.68E-08	1.37E-08	8.05E-08
530	624410.86	4265569.14	4.11E-07	1.41E-07	5.53E-07	3.44E-07	1.06E-07	4.50E-07	8.14E-08	2.71E-08	1.09E-07	6.35E-08	1.31E-08	7.65E-08
531	624400.95	4265569	3.91E-07	1.35E-07	5.26E-07	3.27E-07	1.01E-07	4.28E-07	7.75E-08	2.58E-08	1.03E-07	6.04E-08	1.24E-08	7.28E-08
532	624391.04	4265568.86	3.73E-07	1.28E-07	5.01E-07	3.11E-07	9.59E-08	4.07E-07	7.38E-08	2.45E-08	9.83E-08	5.75E-08	1.18E-08	6.93E-08
533	624381.13	4265568.72	3.55E-07	1.22E-07	4.77E-07	2.97E-07	9.14E-08	3.88E-07	7.03E-08	2.34E-08	9.37E-08	5.48E-08	1.13E-08	6.61E-08
534	624371.23	4265568.59	3.39E-07	1.17E-07	4.56E-07	2.84E-07	8.74E-08	3.71E-07	6.72E-08	2.24E-08	8.95E-08	5.24E-08	1.08E-08	6.31E-08
535	624361.32	4265568.45	3.25E-07	1.12E-07	4.37E-07	2.72E-07	8.37E-08	3.56E-07	6.44E-08	2.14E-08	8.58E-08	5.02E-08	1.03E-08	6.05E-08
536	624874.7	4265557.91	5.54E-07	1.90E-07	7.44E-07	4.63E-07	1.43E-07	6.05E-07	1.10E-07	3.65E-08	1.46E-07	8.54E-08	1.76E-08	1.03E-07
537	624883.5	4265561.71	5.46E-07	1.88E-07	7.34E-07	4.56E-07	1.41E-07	5.97E-07	1.08E-07	3.60E-08	1.44E-07	8.42E-08	1.73E-08	1.02E-07
538	624892.3	4265565.5	5.36E-07	1.84E-07	7.21E-07	4.48E-07	1.38E-07	5.86E-07	1.06E-07	3.53E-08	1.42E-07	8.28E-08	1.70E-08	9.98E-08
539	624901.1	4265569.3	5.25E-07	1.81E-07	7.06E-07	4.39E-07	1.35E-07	5.74E-07	1.04E-07	3.46E-08	1.39E-07	8.10E-08	1.67E-08	9.77E-08
540	624909.89	4265573.09	5.13E-07	1.76E-07	6.89E-07	4.28E-07	1.32E-07	5.60E-07	1.01E-07	3.38E-08	1.35E-07	7.91E-08	1.63E-08	9.54E-08
541	624918.69	4265576.89	4.99E-07	1.72E-07	6.71E-07	4.17E-07	1.29E-07	5.46E-07	9.88E-08	3.29E-08	1.32E-07	7.70E-08	1.58E-08	9.29E-08
542	624927.49	4265580.68	4.85E-07	1.67E-07	6.52E-07	4.06E-07	1.25E-07	5.30E-07	9.60E-08	3.20E-08	1.28E-07	7.49E-08	1.54E-08	9.03E-08
543	624936.29	4265584.48	4.71E-07	1.62E-07	6.33E-07	3.94E-07	1.21E-07	5.15E-07	9.32E-08	3.10E-08	1.24E-07	7.26E-08	1.49E-08	8.76E-08
544	624948.61	4265597.18	4.57E-07	1.57E-07	6.14E-07	3.82E-07	1.18E-07	4.99E-07	9.04E-08	3.01E-08	1.20E-07	7.05E-08	1.45E-08	8.50E-08
545	624952.14	4265606.09	4.57E-07	1.57E-07	6.13E-07	3.82E-07	1.18E-07	4.99E-07	9.04E-08	3.01E-08	1.20E-07	7.04E-08	1.45E-08	8.49E-08
546	624955.67	4265615	4.56E-07	1.57E-07	6.12E-07	3.81E-07	1.17E-07	4.98E-07	9.02E-08	3.00E-08	1.20E-07	7.03E-08	1.45E-08	8.48E-08
547	624959.19	4265623.91	4.54E-07	1.56E-07	6.10E-07	3.79E-07	1.17E-07	4.96E-07	8.99E-08	2.99E-08	1.20E-07	7.00E-08	1.44E-08	8.45E-08
548	624962.72	4265632.82	4.52E-07	1.55E-07	6.07E-07	3.77E-07	1.16E-07	4.94E-07	8.94E-08	2.98E-08	1.19E-07	6.97E-08	1.43E-08	8.40E-08
549	624966.25	4265641.73	4.49E-07	1.54E-07	6.03E-07	3.75E-07	1.15E-07	4.90E-07	8.88E-08	2.96E-08	1.18E-07	6.92E-08	1.42E-08	8.34E-08
550	624969.77	4265650.64	4.45E-07	1.53E-07	5.98E-07	3.72E-07	1.15E-07	4.86E-07	8.80E-08	2.93E-08	1.17E-07	6.86E-08	1.41E-08	8.27E-08
551	624973.3	4265659.55	4.40E-07	1.51E-07	5.92E-07	3.68E-07	1.13E-07	4.81E-07	8.72E-08	2.90E-08	1.16E-07	6.79E-08	1.40E-08	8.19E-08
552	624976.83	4265668.46	4.35E-07	1.50E-07	5.85E-07	3.64E-07	1.12E-07	4.76E-07	8.62E-08	2.87E-08	1.15E-07	6.72E-08	1.38E-08	8.10E-08
553	624847.19	4265550.18	5.75E-07	1.98E-07	7.73E-07	4.81E-07	1.48E-07	6.29E-07	1.14E-07	3.79E-08	1.52E-07	8.88E-08	1.83E-08	1.07E-07
554	624837.29	4265550.05	5.87E-07	2.02E-07	7.88E-07	4.90E-07	1.51E-07	6.41E-07	1.16E-07	3.86E-08	1.55E-07	9.05E-08	1.86E-08	1.09E-07
555	624827.38	4265549.91	5.97E-07	2.05E-07	8.02E-07	4.99E-07	1.54E-07	6.52E-07	1.18E-07	3.93E-08	1.57E-07	9.21E-08	1.89E-08	1.11E-07
556	624817.47	4265549.77	6.06E-07	2.08E-07	8.14E-07	5.06E-07	1.56E-07	6.62E-07	1.20E-07	3.99E-08	1.60E-07	9.35E-08	1.92E-08	1.13E-07
557	624807.56	4265549.64	6.14E-07	2.11E-07	8.25E-07	5.13E-07	1.58E-07	6.71E-07	1.22E-07	4.05E-08	1.62E-07	9.47E-08	1.95E-08	1.14E-07
558	624797.65	4265549.5	6.21E-07	2.14E-07	8.35E-07	5.19E-07	1.60E-07	6.79E-07	1.23E-07	4.09E-08	1.64E-07	9.59E-08	1.97E-08	1.16E-07
559	624787.74	4265549.36	6.27E-07	2.16E-07	8.43E-07	5.24E-07	1.62E-07	6.86E-07	1.24E-07	4.13E-08	1.65E-07	9.68E-08	1.99E-08	1.17E-07
560	624777.83	4265549.22	6.32E-07	2.17E-07	8.50E-07	5.29E-07	1.63E-07	6.91E-07	1.25E-07	4.17E-08	1.67E-07	9.76E-08	2.01E-08	1.18E-07
561	624767.92	4265549.09	6.36E-07	2.19E-07	8.55E-07	5.32E-07	1.64E-07	6.96E-07	1.26E-07	4.19E-08	1.68E-07	9.82E-08	2.02E-08	1.18E-07
562	624758.02	4265548.95	6.40E-07	2.20E-07	8.60E-07	5.35E-07	1.65E-07	7.00E-07	1.27E-07	4.22E-08	1.69E-07	9.88E-08	2.03E-08	1.19E-07
563	624748.11	4265548.81	6.44E-07	2.21E-07	8.65E-07	5.38E-07	1.66E-07	7.04E-07	1.27E-07	4.24E-08	1.70E-07	9.93E-08	2.04E-08	1.20E-07
564	624738.2	4265548.67	6.47E-07	2.23E-07	8.70E-07	5.41E-07	1.67E-07	7.08E-07	1.28E-07	4.26E-08	1.71E-07	9.99E-08	2.05E-08	1.20E-07
565	624728.29	4265548.54	6.51E-07	2.24E-07	8.74E-07	5.44E-07	1.68E-07	7.11E-07	1.29E-07	4.29E-08	1.72E-07	1.00E-07	2.06E-08	1.21E-07
566	624718.38	4265548.4	6.53E-07	2.25E-07	8.78E-07	5.46E-07	1.68E-07	7.14E-07	1.29E-07	4.30E-08	1.72E-07	1.01E-07	2.07E-08	1.22E-07
567	624708.47	4265548.26	6.55E-07	2.25E-07	8.81E-07	5.48E-07	1.69E-07	7.16E-07	1.30E-07	4.32E-08	1.73E-07	1.01E-07	2.08E-08	1.22E-07
568	624698.56	4265548.12	6.57E-07	2.26E-07	8.82E-07	5.49E-07	1.69E-07	7.18E-07	1.30E-07	4.33E-08	1.73E-07	1.01E-07	2.08E-08	1.22E-07
569	624688.65	4265547.99	6.57E-07	2.26E-07	8.84E-07	5.50E-07	1.69E-07	7.19E-07	1.30E-07	4.33E-08	1.73E-07	1.01E-07	2.09E-08	1.22E-07
570	624678.74	4265547.85	6.58E-07	2.26E-07	8.84E-07	5.50E-07	1.69E-07	7.20E-07	1.30E-07	4.34E-08	1.74E-07	1.02E-07	2.09E-08	1.22E-07
571	624668.84	4265547.71	6.58E-07	2.26E-07	8.85E-07	5.50E-07	1.70E-07	7.20E-07	1.30E-07	4.34E-08	1.74E-07	1.02E-07	2.09E-08	1.22E-07
572	624658.93	4265547.57	6.58E-07	2.26E-07	8.84E-07	5.50E-07	1.69E-07	7.19E-07	1.30E-07	4.33E-08	1.74E-07	1.01E-07	2.09E-08	1.22E-07

573	624649.02	4265547.44	6.56E-07	2.26E-07	8.82E-07	5.48E-07	1.69E-07	7.17E-07	1.30E-07	4.32E-08	1.73E-07	1.01E-07	2.08E-08	1.22E-07
574	624639.11	4265547.3	6.53E-07	2.25E-07	8.77E-07	5.46E-07	1.68E-07	7.14E-07	1.29E-07	4.30E-08	1.72E-07	1.01E-07	2.07E-08	1.21E-07
575	624629.2	4265547.16	6.49E-07	2.23E-07	8.72E-07	5.42E-07	1.67E-07	7.09E-07	1.28E-07	4.27E-08	1.71E-07	1.00E-07	2.06E-08	1.21E-07
576	624619.29	4265547.02	6.43E-07	2.21E-07	8.65E-07	5.38E-07	1.66E-07	7.03E-07	1.27E-07	4.24E-08	1.70E-07	9.93E-08	2.04E-08	1.20E-07
577	624609.38	4265546.89	6.38E-07	2.19E-07	8.57E-07	5.33E-07	1.64E-07	6.97E-07	1.26E-07	4.20E-08	1.68E-07	9.84E-08	2.02E-08	1.19E-07
578	624599.47	4265546.75	6.31E-07	2.17E-07	8.48E-07	5.27E-07	1.62E-07	6.90E-07	1.25E-07	4.16E-08	1.66E-07	9.74E-08	2.00E-08	1.17E-07
579	624589.57	4265546.61	6.23E-07	2.14E-07	8.38E-07	5.21E-07	1.61E-07	6.82E-07	1.23E-07	4.11E-08	1.64E-07	9.62E-08	1.98E-08	1.16E-07
580	624579.66	4265546.47	6.15E-07	2.11E-07	8.26E-07	5.14E-07	1.58E-07	6.72E-07	1.22E-07	4.05E-08	1.62E-07	9.48E-08	1.95E-08	1.14E-07
581	624569.75	4265546.34	6.05E-07	2.08E-07	8.12E-07	5.05E-07	1.56E-07	6.61E-07	1.20E-07	3.98E-08	1.60E-07	9.33E-08	1.92E-08	1.12E-07
582	624559.84	4265546.2	5.94E-07	2.04E-07	7.98E-07	4.96E-07	1.53E-07	6.49E-07	1.18E-07	3.91E-08	1.57E-07	9.16E-08	1.88E-08	1.10E-07
583	624549.93	4265546.06	5.82E-07	2.00E-07	7.82E-07	4.87E-07	1.50E-07	6.37E-07	1.15E-07	3.84E-08	1.54E-07	8.98E-08	1.85E-08	1.08E-07
584	624540.02	4265545.93	5.70E-07	1.96E-07	7.66E-07	4.77E-07	1.47E-07	6.23E-07	1.13E-07	3.76E-08	1.50E-07	8.80E-08	1.81E-08	1.06E-07
585	624530.11	4265545.79	5.57E-07	1.92E-07	7.49E-07	4.66E-07	1.44E-07	6.09E-07	1.10E-07	3.67E-08	1.47E-07	8.60E-08	1.77E-08	1.04E-07
586	624520.2	4265545.65	5.43E-07	1.87E-07	7.30E-07	4.54E-07	1.40E-07	5.94E-07	1.08E-07	3.58E-08	1.43E-07	8.39E-08	1.72E-08	1.01E-07
587	624510.3	4265545.51	5.28E-07	1.82E-07	7.10E-07	4.42E-07	1.36E-07	5.78E-07	1.05E-07	3.48E-08	1.39E-07	8.15E-08	1.68E-08	9.83E-08
588	624500.39	4265545.38	5.13E-07	1.76E-07	6.89E-07	4.29E-07	1.32E-07	5.61E-07	1.02E-07	3.38E-08	1.35E-07	7.91E-08	1.63E-08	9.54E-08
589	624490.48	4265545.24	4.97E-07	1.71E-07	6.68E-07	4.15E-07	1.28E-07	5.43E-07	9.84E-08	3.27E-08	1.31E-07	7.67E-08	1.58E-08	9.24E-08
590	624480.57	4265545.1	4.81E-07	1.65E-07	6.46E-07	4.02E-07	1.24E-07	5.25E-07	9.51E-08	3.17E-08	1.27E-07	7.42E-08	1.53E-08	8.94E-08
591	624470.66	4265544.96	4.64E-07	1.59E-07	6.23E-07	3.88E-07	1.19E-07	5.07E-07	9.18E-08	3.06E-08	1.22E-07	7.16E-08	1.47E-08	8.63E-08
592	624460.75	4265544.83	4.46E-07	1.53E-07	6.00E-07	3.73E-07	1.15E-07	4.88E-07	8.83E-08	2.94E-08	1.18E-07	6.89E-08	1.42E-08	8.30E-08
593	624450.84	4265544.69	4.28E-07	1.47E-07	5.76E-07	3.58E-07	1.10E-07	4.68E-07	8.48E-08	2.82E-08	1.13E-07	6.61E-08	1.36E-08	7.97E-08
594	624440.93	4265544.55	4.10E-07	1.41E-07	5.51E-07	3.43E-07	1.06E-07	4.49E-07	8.12E-08	2.70E-08	1.08E-07	6.33E-08	1.30E-08	7.63E-08
595	624431.02	4265544.41	3.93E-07	1.35E-07	5.28E-07	3.28E-07	1.01E-07	4.29E-07	7.77E-08	2.59E-08	1.04E-07	6.06E-08	1.25E-08	7.31E-08
596	624421.12	4265544.28	3.76E-07	1.29E-07	5.06E-07	3.14E-07	9.69E-08	4.11E-07	7.45E-08	2.48E-08	9.93E-08	5.81E-08	1.19E-08	7.00E-08
597	624411.21	4265544.14	3.61E-07	1.24E-07	4.85E-07	3.01E-07	9.29E-08	3.94E-07	7.14E-08	2.38E-08	9.52E-08	5.57E-08	1.14E-08	6.71E-08
598	624401.3	4265544	3.46E-07	1.19E-07	4.65E-07	2.89E-07	8.91E-08	3.78E-07	6.85E-08	2.28E-08	9.13E-08	5.34E-08	1.10E-08	6.44E-08
599	624391.39	4265543.86	3.32E-07	1.14E-07	4.46E-07	2.77E-07	8.54E-08	3.63E-07	6.57E-08	2.19E-08	8.75E-08	5.12E-08	1.05E-08	6.17E-08
600	624381.48	4265543.73	3.18E-07	1.10E-07	4.28E-07	2.66E-07	8.20E-08	3.48E-07	6.30E-08	2.10E-08	8.40E-08	4.91E-08	1.01E-08	5.92E-08
601	624371.57	4265543.59	3.06E-07	1.05E-07	4.11E-07	2.56E-07	7.88E-08	3.34E-07	6.06E-08	2.02E-08	8.07E-08	4.72E-08	9.71E-09	5.69E-08
602	624361.66	4265543.45	2.94E-07	1.01E-07	3.96E-07	2.46E-07	7.58E-08	3.22E-07	5.83E-08	1.94E-08	7.77E-08	4.54E-08	9.35E-09	5.48E-08
603	624866.25	4265529.12	5.07E-07	1.75E-07	6.82E-07	4.24E-07	1.31E-07	5.55E-07	1.00E-07	3.34E-08	1.34E-07	7.83E-08	1.61E-08	9.44E-08
604	624875.05	4265532.91	5.04E-07	1.73E-07	6.78E-07	4.21E-07	1.30E-07	5.51E-07	9.98E-08	3.32E-08	1.33E-07	7.78E-08	1.60E-08	9.38E-08
605	624883.85	4265536.71	5.00E-07	1.72E-07	6.71E-07	4.18E-07	1.29E-07	5.46E-07	9.89E-08	3.29E-08	1.32E-07	7.71E-08	1.59E-08	9.29E-08
606	624892.64	4265540.5	4.93E-07	1.70E-07	6.63E-07	4.12E-07	1.27E-07	5.40E-07	9.77E-08	3.25E-08	1.30E-07	7.61E-08	1.57E-08	9.18E-08
607	624901.44	4265544.3	4.86E-07	1.67E-07	6.53E-07	4.06E-07	1.25E-07	5.31E-07	9.62E-08	3.20E-08	1.28E-07	7.50E-08	1.54E-08	9.04E-08
608	624910.24	4265548.09	4.77E-07	1.64E-07	6.41E-07	3.99E-07	1.23E-07	5.21E-07	9.44E-08	3.14E-08	1.26E-07	7.36E-08	1.51E-08	8.87E-08
609	624919.04	4265551.89	4.67E-07	1.61E-07	6.27E-07	3.90E-07	1.20E-07	5.10E-07	9.24E-08	3.08E-08	1.23E-07	7.20E-08	1.48E-08	8.69E-08
610	624927.84	4265555.68	4.56E-07	1.57E-07	6.13E-07	3.81E-07	1.17E-07	4.99E-07	9.03E-08	3.00E-08	1.20E-07	7.04E-08	1.45E-08	8.49E-08
611	624936.64	4265559.48	4.45E-07	1.53E-07	5.98E-07	3.72E-07	1.14E-07	4.86E-07	8.80E-08	2.93E-08	1.17E-07	6.86E-08	1.41E-08	8.27E-08
612	624945.44	4265563.27	4.33E-07	1.49E-07	5.82E-07	3.62E-07	1.11E-07	4.73E-07	8.57E-08	2.85E-08	1.14E-07	6.68E-08	1.37E-08	8.05E-08
613	624954.23	4265567.07	4.21E-07	1.45E-07	5.65E-07	3.52E-07	1.08E-07	4.60E-07	8.33E-08	2.77E-08	1.11E-07	6.49E-08	1.33E-08	7.83E-08
614	624966.56	4265579.77	4.09E-07	1.41E-07	5.49E-07	3.42E-07	1.05E-07	4.47E-07	8.09E-08	2.69E-08	1.08E-07	6.30E-08	1.30E-08	7.60E-08
615	624970.09	4265588.68	4.08E-07	1.40E-07	5.49E-07	3.41E-07	1.05E-07	4.46E-07	8.08E-08	2.69E-08	1.08E-07	6.30E-08	1.30E-08	7.60E-08
616	624973.61	4265597.59	4.08E-07	1.40E-07	5.48E-07	3.41E-07	1.05E-07	4.46E-07	8.07E-08	2.69E-08	1.08E-07	6.29E-08	1.29E-08	7.58E-08
617	624977.14	4265606.5	4.06E-07	1.40E-07	5.46E-07	3.40E-07	1.05E-07	4.44E-07	8.04E-08	2.68E-08	1.07E-07	6.27E-08	1.29E-08	7.56E-08
618	624980.66	4265615.41	4.04E-07	1.39E-07	5.43E-07	3.38E-07	1.04E-07	4.42E-07	8.00E-08	2.66E-08	1.07E-07	6.24E-08	1.28E-08	7.52E-08
619	624984.19	4265624.32	4.02E-07	1.38E-07	5.40E-07	3.36E-07	1.03E-07	4.39E-07	7.96E-08	2.65E-08	1.06E-07	6.20E-08	1.28E-08	7.48E-08
620	624987.72	4265633.23	3.99E-07	1.37E-07	5.36E-07	3.33E-07	1.03E-07	4.36E-07	7.90E-08	2.63E-08	1.05E-07	6.16E-08	1.27E-08	7.42E-08
621	624991.24	4265642.14	3.95E-07	1.36E-07	5.31E-07	3.31E-07	1.02E-07	4.32E-07	7.83E-08	2.61E-08	1.04E-07	6.10E-08	1.26E-08	7.36E-08
622	624994.77	4265651.05	3.91E-07	1.35E-07	5.26E-07	3.27E-07	1.01E-07	4.28E-07	7.75E-08	2.58E-08	1.03E-07	6.04E-08	1.24E-08	7.28E-08
623	624998.3	4265659.96	3.87E-07	1.33E-07	5.20E-07	3.23E-07	9.96E-08	4.23E-07	7.66E-08	2.55E-08	1.02E-07	5.97E-08	1.23E-08	7.20E-08
624	625001.82	4265668.87	3.82E-07	1.31E-07	5.14E-07	3.19E-07	9.84E-08	4.18E-07	7.56E-08	2.52E-08	1.01E-07	5.90E-08	1.21E-08	7.11E-08
625	624857.45	4265525.32	5.09E-07	1.75E-07	6.85E-07	4.26E-07	1.31E-07	5.57E-07	1.01E-07	3.36E-08	1.34E-07	7.86E-08	1.62E-08	9.48E-08
626	624847.54	4265525.19	5.19E-07	1.78E-07	6.97E-07	4.34E-07	1.34E-07	5.67E-07	1.03E-07	3.42E-08	1.37E-07	8.00E-08	1.65E-08	9.65E-08
627	624837.63	4265525.05	5.27E-07	1.81E-07	7.09E-07	4.41E-07	1.36E-07	5.76E-07	1.04E-07	3.47E-08	1.39E-07	8.14E-08	1.67E-08	9.81E-08
628	624827.72	4265524.91	5.35E-07	1.84E-07	7.19E-07	4.47E-07	1.38E-07	5.85E-07	1.06E-07	3.53E-08	1.41E-07	8.26E-08	1.70E-08	9.95E-08
629	624817.81	4265524.77	5.42E-07	1.86E-07	7.29E-07	4.53E-07	1.40E-07	5.93E-07	1.07E-07	3.57E-08	1.43E-07	8.37E-08	1.72E-08	1.01E-07
630	624807.91	4265524.64	5.49E-07	1.89E-07	7.37E-07	4.59E-07	1.41E-07	6.00E-07	1.09E-07	3.62E-08	1.45E-07	8.47E-08	1.74E-08	1.02E-07
631	624798	4265524.5	5.54E-07	1.91E-07	7.45E-07	4.63E-07	1.43E-07	6.06E-07	1.10E-07	3.65E-08	1.46E-07	8.55E-08	1.76E-08	1.03E-07
632	624788.09	4265524.36	5.59E-07	1.92E-07	7.52E-07	4.67E-07	1.44E-07	6.11E-07	1.11E-07	3.68E-08	1.48E-07	8.63E-08	1.77E-08	1.04E-07
633	624778.18	4265524.23	5.63E-07	1.94E-07	7.57E-07	4.71E-07	1.45E-07	6.16E-07	1.11E-07	3.71E-08	1.49E-07	8.69E-08	1.79E-08	1.05E-07
634	624768.27	4265524.09	5.66E-07	1.95E-07	7.61E-07	4.73E-07	1.46E-07	6.19E-07	1.12E-07	3.73E-08	1.49E-07	8.74E-08	1.80E-08	1.05E-07
635	624758.36	4265523.95	5.69E-07	1.96E-07	7.65E-07	4.76E-07	1.47E-07	6.22E-07	1.13E-07	3.75E-08	1.50E-07	8.78E-08	1.81E-08	1.06E-07
636	624748.45	4265523.81	5.72E-07	1.97E-07	7.68E-07	4.78E-07	1.47E-07	6.25E-07	1.13E-07	3.77E-08	1.51E-07	8.82E-08	1.81E-08	1.06E-07
637	624738.54	4265523.68	5.74E-07	1.97E-07	7.71E-07	4.80E-07	1.48E-07	6.27E-07	1.14E-07	3.78E-08	1.51E-07	8.85E-08	1.82E-08	1.07E-07
638	624728.64	4265523.54	5.76E-07	1.98E-07	7.74E-07	4.81E-07	1.48E-07	6.30E-07	1.14E-07	3.79E-08	1.52E-07	8.89E-08	1.83E-08	1.07E-07
639	624718.73	4265523.4	5.77E-07	1.99E-07	7.76E-07	4.83E-07	1.49E-07	6.31E-07	1.14E-07	3.80E-08	1.52E-07	8.91E-08	1.83E-08	1.07E-07
640	624708.82	4265523.26	5.78E-07	1.99E-07	7.77E-07	4.83E-07	1.49E-07	6.32E-07	1.14E-07	3.81E-08	1.53E-07	8.92E-08	1.83E-08	1.08E-07
641	624698.91	4265523.13	5.78E-07	1.99E-07	7.77E-07	4.83E-07	1.49E-07	6.32E-07	1.14E-07	3.81E-08	1.53E-07	8.92E-08	1.84E-08	1.08E-07
642	624689	4265522.99	5.78E-07	1.99E-07	7.77E-07	4.83E-07	1.49E-07	6.32E-07	1.14E-07	3.81E-08	1.53E-07	8.92E-08	1.84E-08	1.08E-07
643	624679.09	4265522.85	5.78E-07	1.99E-07	7.76E-07	4.83E-07	1.49E-07	6.32E-07	1.14E-07	3.81E-08	1.52E-07	8.92E-08	1.83E-08	1.07E-07
644	624669.18	4265522.71	5.77E-07	1.98E-07	7.75E-07	4.82E-07	1.49E-07	6.31E-07	1.14E-07	3.80E-08	1.52E-07	8.90E-08	1.83E-08	1.07E-07

645	624659.27	4265522.58	5.75E-07	1.98E-07	7.73E-07	4.81E-07	1.48E-07	6.29E-07	1.14E-07	3.79E-08	1.52E-07	8.88E-08	1.83E-08	1.07E-07
646	624649.36	4265522.44	5.73E-07	1.97E-07	7.70E-07	4.79E-07	1.48E-07	6.27E-07	1.13E-07	3.78E-08	1.51E-07	8.84E-08	1.82E-08	1.07E-07
647	624639.46	4265522.3	5.70E-07	1.96E-07	7.66E-07	4.76E-07	1.47E-07	6.23E-07	1.13E-07	3.75E-08	1.50E-07	8.79E-08	1.81E-08	1.06E-07
648	624629.55	4265522.16	5.65E-07	1.94E-07	7.60E-07	4.72E-07	1.46E-07	6.18E-07	1.12E-07	3.72E-08	1.49E-07	8.72E-08	1.79E-08	1.05E-07
649	624619.64	4265522.03	5.60E-07	1.93E-07	7.53E-07	4.68E-07	1.44E-07	6.12E-07	1.11E-07	3.69E-08	1.48E-07	8.64E-08	1.78E-08	1.04E-07
650	624609.73	4265521.89	5.54E-07	1.91E-07	7.45E-07	4.63E-07	1.43E-07	6.06E-07	1.10E-07	3.65E-08	1.46E-07	8.55E-08	1.76E-08	1.03E-07
651	624599.82	4265521.75	5.48E-07	1.88E-07	7.36E-07	4.58E-07	1.41E-07	5.99E-07	1.08E-07	3.61E-08	1.44E-07	8.45E-08	1.74E-08	1.02E-07
652	624589.91	4265521.61	5.40E-07	1.86E-07	7.26E-07	4.52E-07	1.39E-07	5.91E-07	1.07E-07	3.56E-08	1.43E-07	8.34E-08	1.72E-08	1.01E-07
653	624580	4265521.48	5.32E-07	1.83E-07	7.15E-07	4.45E-07	1.37E-07	5.82E-07	1.05E-07	3.51E-08	1.40E-07	8.21E-08	1.69E-08	9.90E-08
654	624570.09	4265521.34	5.23E-07	1.80E-07	7.03E-07	4.37E-07	1.35E-07	5.72E-07	1.04E-07	3.45E-08	1.38E-07	8.07E-08	1.66E-08	9.73E-08
655	624560.19	4265521.2	5.13E-07	1.77E-07	6.90E-07	4.29E-07	1.32E-07	5.61E-07	1.02E-07	3.38E-08	1.35E-07	7.92E-08	1.63E-08	9.55E-08
656	624550.28	4265521.07	5.03E-07	1.73E-07	6.76E-07	4.20E-07	1.29E-07	5.50E-07	9.96E-08	3.31E-08	1.33E-07	7.76E-08	1.60E-08	9.36E-08
657	624540.37	4265520.93	4.92E-07	1.69E-07	6.61E-07	4.11E-07	1.27E-07	5.38E-07	9.74E-08	3.24E-08	1.30E-07	7.59E-08	1.56E-08	9.16E-08
658	624530.46	4265520.79	4.81E-07	1.65E-07	6.46E-07	4.02E-07	1.24E-07	5.26E-07	9.51E-08	3.17E-08	1.27E-07	7.42E-08	1.53E-08	8.94E-08
659	624520.55	4265520.65	4.69E-07	1.61E-07	6.30E-07	3.92E-07	1.21E-07	5.12E-07	9.28E-08	3.09E-08	1.24E-07	7.23E-08	1.49E-08	8.72E-08
660	624510.64	4265520.52	4.56E-07	1.57E-07	6.13E-07	3.81E-07	1.17E-07	4.98E-07	9.02E-08	3.00E-08	1.20E-07	7.03E-08	1.45E-08	8.48E-08
661	624500.73	4265520.38	4.43E-07	1.52E-07	5.95E-07	3.70E-07	1.14E-07	4.84E-07	8.76E-08	2.92E-08	1.17E-07	6.83E-08	1.40E-08	8.23E-08
662	624490.82	4265520.24	4.29E-07	1.48E-07	5.77E-07	3.59E-07	1.10E-07	4.69E-07	8.49E-08	2.83E-08	1.13E-07	6.62E-08	1.36E-08	7.98E-08
663	624480.92	4265520.1	4.15E-07	1.43E-07	5.58E-07	3.47E-07	1.07E-07	4.54E-07	8.22E-08	2.74E-08	1.10E-07	6.41E-08	1.32E-08	7.73E-08
664	624471.01	4265519.97	4.01E-07	1.38E-07	5.40E-07	3.36E-07	1.03E-07	4.39E-07	7.95E-08	2.65E-08	1.06E-07	6.20E-08	1.27E-08	7.47E-08
665	624461.1	4265519.83	3.87E-07	1.33E-07	5.21E-07	3.24E-07	9.98E-08	4.24E-07	7.67E-08	2.55E-08	1.02E-07	5.98E-08	1.23E-08	7.21E-08
666	624451.19	4265519.69	3.73E-07	1.28E-07	5.02E-07	3.12E-07	9.61E-08	4.08E-07	7.39E-08	2.46E-08	9.85E-08	5.76E-08	1.19E-08	6.95E-08
667	624441.28	4265519.55	3.60E-07	1.24E-07	4.83E-07	3.00E-07	9.26E-08	3.93E-07	7.12E-08	2.37E-08	9.48E-08	5.55E-08	1.14E-08	6.69E-08
668	624431.37	4265519.42	3.46E-07	1.19E-07	4.65E-07	2.89E-07	8.91E-08	3.78E-07	6.85E-08	2.28E-08	9.13E-08	5.34E-08	1.10E-08	6.44E-08
669	624421.46	4265519.28	3.33E-07	1.15E-07	4.48E-07	2.79E-07	8.58E-08	3.65E-07	6.60E-08	2.20E-08	8.80E-08	5.15E-08	1.06E-08	6.20E-08
670	624411.55	4265519.14	3.21E-07	1.11E-07	4.32E-07	2.69E-07	8.28E-08	3.51E-07	6.36E-08	2.12E-08	8.48E-08	4.96E-08	1.02E-08	5.98E-08
671	624401.64	4265519	3.10E-07	1.07E-07	4.17E-07	2.59E-07	7.98E-08	3.39E-07	6.14E-08	2.04E-08	8.18E-08	4.78E-08	9.84E-09	5.77E-08
672	624391.74	4265518.87	2.99E-07	1.03E-07	4.02E-07	2.50E-07	7.70E-08	3.27E-07	5.92E-08	1.97E-08	7.89E-08	4.62E-08	9.49E-09	5.56E-08
673	624381.83	4265518.73	2.88E-07	9.92E-08	3.88E-07	2.41E-07	7.43E-08	3.15E-07	5.71E-08	1.90E-08	7.61E-08	4.45E-08	9.16E-09	5.37E-08
674	624371.92	4265518.59	2.78E-07	9.57E-08	3.74E-07	2.33E-07	7.17E-08	3.04E-07	5.51E-08	1.83E-08	7.34E-08	4.30E-08	8.83E-09	5.18E-08
675	624362.01	4265518.45	2.69E-07	9.25E-08	3.61E-07	2.25E-07	6.92E-08	2.94E-07	5.32E-08	1.77E-08	7.09E-08	4.15E-08	8.53E-09	5.00E-08
676	624866.59	4265504.12	4.63E-07	1.59E-07	6.22E-07	3.87E-07	1.19E-07	5.06E-07	9.16E-08	3.05E-08	1.22E-07	7.14E-08	1.47E-08	8.61E-08
677	624875.39	4265507.92	4.61E-07	1.59E-07	6.20E-07	3.86E-07	1.19E-07	5.04E-07	9.13E-08	3.04E-08	1.22E-07	7.12E-08	1.46E-08	8.58E-08
678	624884.19	4265511.71	4.58E-07	1.58E-07	6.16E-07	3.83E-07	1.18E-07	5.01E-07	9.07E-08	3.02E-08	1.21E-07	7.07E-08	1.45E-08	8.53E-08
679	624892.99	4265515.51	4.55E-07	1.56E-07	6.11E-07	3.80E-07	1.17E-07	4.97E-07	9.00E-08	3.00E-08	1.20E-07	7.01E-08	1.44E-08	8.46E-08
680	624901.79	4265519.3	4.49E-07	1.55E-07	6.04E-07	3.76E-07	1.16E-07	4.91E-07	8.90E-08	2.96E-08	1.19E-07	6.94E-08	1.43E-08	8.36E-08
681	624910.59	4265523.1	4.43E-07	1.52E-07	5.96E-07	3.71E-07	1.14E-07	4.85E-07	8.77E-08	2.92E-08	1.17E-07	6.84E-08	1.41E-08	8.25E-08
682	624919.39	4265526.89	4.36E-07	1.50E-07	5.86E-07	3.64E-07	1.12E-07	4.77E-07	8.63E-08	2.87E-08	1.15E-07	6.73E-08	1.38E-08	8.11E-08
683	624928.18	4265530.69	4.28E-07	1.47E-07	5.75E-07	3.58E-07	1.10E-07	4.68E-07	8.47E-08	2.82E-08	1.13E-07	6.60E-08	1.36E-08	7.96E-08
684	624936.98	4265534.48	4.19E-07	1.44E-07	5.63E-07	3.50E-07	1.08E-07	4.58E-07	8.29E-08	2.76E-08	1.11E-07	6.47E-08	1.33E-08	7.79E-08
685	624945.78	4265538.28	4.09E-07	1.41E-07	5.50E-07	3.42E-07	1.05E-07	4.48E-07	8.11E-08	2.70E-08	1.08E-07	6.32E-08	1.30E-08	7.62E-08
686	624954.58	4265542.07	4.00E-07	1.37E-07	5.37E-07	3.34E-07	1.03E-07	4.37E-07	7.91E-08	2.63E-08	1.05E-07	6.17E-08	1.27E-08	7.43E-08
687	624963.38	4265545.87	3.89E-07	1.34E-07	5.23E-07	3.25E-07	1.00E-07	4.26E-07	7.71E-08	2.57E-08	1.03E-07	6.01E-08	1.24E-08	7.24E-08
688	624972.18	4265549.66	3.79E-07	1.30E-07	5.09E-07	3.17E-07	9.76E-08	4.14E-07	7.50E-08	2.50E-08	1.00E-07	5.85E-08	1.20E-08	7.05E-08
689	624984.5	4265562.37	3.69E-07	1.27E-07	4.95E-07	3.08E-07	9.49E-08	4.03E-07	7.29E-08	2.43E-08	9.72E-08	5.69E-08	1.17E-08	6.86E-08
690	624988.03	4265571.28	3.68E-07	1.27E-07	4.95E-07	3.08E-07	9.48E-08	4.03E-07	7.29E-08	2.43E-08	9.71E-08	5.68E-08	1.17E-08	6.85E-08
691	624991.56	4265580.19	3.67E-07	1.26E-07	4.94E-07	3.07E-07	9.46E-08	4.02E-07	7.27E-08	2.42E-08	9.69E-08	5.67E-08	1.17E-08	6.84E-08
692	624995.08	4265589.1	3.66E-07	1.26E-07	4.92E-07	3.06E-07	9.43E-08	4.00E-07	7.25E-08	2.41E-08	9.66E-08	5.65E-08	1.16E-08	6.81E-08
693	624998.61	4265598	3.65E-07	1.25E-07	4.90E-07	3.05E-07	9.39E-08	3.99E-07	7.22E-08	2.40E-08	9.62E-08	5.63E-08	1.16E-08	6.79E-08
694	625002.13	4265606.91	3.63E-07	1.25E-07	4.88E-07	3.03E-07	9.34E-08	3.97E-07	7.18E-08	2.39E-08	9.57E-08	5.60E-08	1.15E-08	6.75E-08
695	625005.66	4265615.82	3.60E-07	1.24E-07	4.84E-07	3.01E-07	9.28E-08	3.94E-07	7.13E-08	2.37E-08	9.51E-08	5.56E-08	1.14E-08	6.70E-08
696	625009.19	4265624.73	3.58E-07	1.23E-07	4.81E-07	2.99E-07	9.21E-08	3.91E-07	7.08E-08	2.36E-08	9.43E-08	5.52E-08	1.13E-08	6.65E-08
697	625012.71	4265633.64	3.54E-07	1.22E-07	4.76E-07	2.96E-07	9.12E-08	3.87E-07	7.01E-08	2.33E-08	9.35E-08	5.47E-08	1.12E-08	6.59E-08
698	625016.24	4265642.55	3.51E-07	1.21E-07	4.71E-07	2.93E-07	9.03E-08	3.84E-07	6.94E-08	2.31E-08	9.25E-08	5.41E-08	1.11E-08	6.53E-08
699	625019.77	4265651.46	3.47E-07	1.19E-07	4.66E-07	2.90E-07	8.93E-08	3.79E-07	6.86E-08	2.29E-08	9.15E-08	5.35E-08	1.10E-08	6.45E-08
700	625023.29	4265660.37	3.43E-07	1.18E-07	4.60E-07	2.86E-07	8.82E-08	3.74E-07	6.78E-08	2.26E-08	9.04E-08	5.28E-08	1.09E-08	6.37E-08
701	625026.82	4265669.28	3.38E-07	1.16E-07	4.54E-07	2.82E-07	8.70E-08	3.69E-07	6.69E-08	2.23E-08	8.91E-08	5.21E-08	1.07E-08	6.29E-08
702	624857.8	4265500.33	4.64E-07	1.60E-07	6.23E-07	3.88E-07	1.19E-07	5.07E-07	9.18E-08	3.06E-08	1.22E-07	7.16E-08	1.47E-08	8.63E-08
703	624847.89	4265500.19	4.71E-07	1.62E-07	6.33E-07	3.94E-07	1.21E-07	5.15E-07	9.32E-08	3.10E-08	1.24E-07	7.27E-08	1.50E-08	8.76E-08
704	624837.98	4265500.05	4.78E-07	1.64E-07	6.42E-07	3.99E-07	1.23E-07	5.22E-07	9.46E-08	3.15E-08	1.26E-07	7.37E-08	1.52E-08	8.89E-08
705	624828.07	4265499.91	4.84E-07	1.66E-07	6.50E-07	4.05E-07	1.25E-07	5.29E-07	9.58E-08	3.19E-08	1.28E-07	7.47E-08	1.54E-08	9.00E-08
706	624818.16	4265499.78	4.90E-07	1.68E-07	6.58E-07	4.09E-07	1.26E-07	5.35E-07	9.69E-08	3.23E-08	1.29E-07	7.56E-08	1.55E-08	9.11E-08
707	624808.25	4265499.64	4.95E-07	1.70E-07	6.65E-07	4.14E-07	1.27E-07	5.41E-07	9.79E-08	3.26E-08	1.31E-07	7.64E-08	1.57E-08	9.21E-08
708	624798.34	4265499.5	4.99E-07	1.72E-07	6.71E-07	4.17E-07	1.29E-07	5.46E-07	9.88E-08	3.29E-08	1.32E-07	7.71E-08	1.58E-08	9.29E-08
709	624788.43	4265499.37	5.03E-07	1.73E-07	6.76E-07	4.21E-07	1.30E-07	5.50E-07	9.96E-08	3.32E-08	1.33E-07	7.76E-08	1.60E-08	9.36E-08
710	624778.53	4265499.23	5.06E-07	1.74E-07	6.80E-07	4.23E-07	1.30E-07	5.54E-07	1.00E-07	3.34E-08	1.34E-07	7.81E-08	1.61E-08	9.42E-08
711	624768.62	4265499.09	5.09E-07	1.75E-07	6.84E-07	4.25E-07	1.31E-07	5.56E-07	1.01E-07	3.35E-08	1.34E-07	7.85E-08	1.61E-08	9.47E-08
712	624758.71	4265498.95	5.11E-07	1.76E-07	6.86E-07	4.27E-07	1.31E-07	5.58E-07	1.01E-07	3.36E-08	1.35E-07	7.88E-08	1.62E-08	9.50E-08
713	624748.8	4265498.82	5.12E-07	1.76E-07	6.88E-07	4.28E-07	1.32E-07	5.60E-07	1.01E-07	3.37E-08	1.35E-07	7.90E-08	1.63E-08	9.53E-08
714	624738.89	4265498.68	5.13E-07	1.77E-07	6.90E-07	4.29E-07	1.32E-07	5.61E-07	1.02E-07	3.38E-08	1.35E-07	7.92E-08	1.63E-08	9.55E-08
715	624728.98	4265498.54	5.14E-07	1.77E-07	6.91E-07	4.30E-07	1.32E-07	5.62E-07	1.02E-07	3.39E-08	1.36E-07	7.93E-08	1.63E-08	9.57E-08
716	624719.07	4265498.4	5.15E-07	1.77E-07	6.92E-07	4.30E-07	1.33E-07	5.63E-07	1.02E-07	3.39E-08	1.36E-07	7.94E-08	1.63E-08	9.57E-08

717	624709.16	4265498.27	5.15E-07	1.77E-07	6.92E-07	4.30E-07	1.32E-07	5.63E-07	1.02E-07	3.39E-08	1.36E-07	7.94E-08	1.63E-08	9.57E-08
718	624699.26	4265498.13	5.14E-07	1.77E-07	6.91E-07	4.30E-07	1.32E-07	5.62E-07	1.02E-07	3.39E-08	1.36E-07	7.93E-08	1.63E-08	9.56E-08
719	624689.35	4265497.99	5.13E-07	1.76E-07	6.90E-07	4.29E-07	1.32E-07	5.61E-07	1.02E-07	3.38E-08	1.35E-07	7.92E-08	1.63E-08	9.55E-08
720	624679.44	4265497.85	5.12E-07	1.76E-07	6.88E-07	4.28E-07	1.32E-07	5.60E-07	1.01E-07	3.37E-08	1.35E-07	7.90E-08	1.62E-08	9.52E-08
721	624669.53	4265497.72	5.10E-07	1.75E-07	6.86E-07	4.26E-07	1.31E-07	5.58E-07	1.01E-07	3.36E-08	1.35E-07	7.87E-08	1.62E-08	9.49E-08
722	624659.62	4265497.58	5.08E-07	1.75E-07	6.83E-07	4.25E-07	1.31E-07	5.55E-07	1.01E-07	3.35E-08	1.34E-07	7.84E-08	1.61E-08	9.45E-08
723	624649.71	4265497.44	5.05E-07	1.74E-07	6.79E-07	4.22E-07	1.30E-07	5.52E-07	1.00E-07	3.33E-08	1.33E-07	7.80E-08	1.60E-08	9.40E-08
724	624639.8	4265497.3	5.02E-07	1.73E-07	6.74E-07	4.19E-07	1.29E-07	5.49E-07	9.93E-08	3.31E-08	1.32E-07	7.74E-08	1.59E-08	9.33E-08
725	624629.89	4265497.17	4.97E-07	1.71E-07	6.69E-07	4.16E-07	1.28E-07	5.44E-07	9.85E-08	3.28E-08	1.31E-07	7.68E-08	1.58E-08	9.25E-08
726	624619.99	4265497.03	4.92E-07	1.69E-07	6.62E-07	4.12E-07	1.27E-07	5.38E-07	9.75E-08	3.24E-08	1.30E-07	7.60E-08	1.56E-08	9.16E-08
727	624610.08	4265496.89	4.87E-07	1.67E-07	6.54E-07	4.07E-07	1.25E-07	5.32E-07	9.64E-08	3.21E-08	1.28E-07	7.51E-08	1.54E-08	9.06E-08
728	624600.17	4265496.75	4.81E-07	1.65E-07	6.46E-07	4.02E-07	1.24E-07	5.25E-07	9.51E-08	3.17E-08	1.27E-07	7.41E-08	1.53E-08	8.94E-08
729	624590.26	4265496.62	4.74E-07	1.63E-07	6.37E-07	3.96E-07	1.22E-07	5.18E-07	9.38E-08	3.12E-08	1.25E-07	7.31E-08	1.50E-08	8.81E-08
730	624580.35	4265496.48	4.66E-07	1.60E-07	6.26E-07	3.90E-07	1.20E-07	5.10E-07	9.23E-08	3.07E-08	1.23E-07	7.19E-08	1.48E-08	8.67E-08
731	624570.44	4265496.34	4.58E-07	1.57E-07	6.15E-07	3.83E-07	1.18E-07	5.01E-07	9.07E-08	3.02E-08	1.21E-07	7.07E-08	1.45E-08	8.52E-08
732	624560.53	4265496.2	4.49E-07	1.54E-07	6.04E-07	3.75E-07	1.16E-07	4.91E-07	8.89E-08	2.96E-08	1.18E-07	6.93E-08	1.43E-08	8.36E-08
733	624550.62	4265496.07	4.40E-07	1.51E-07	5.91E-07	3.68E-07	1.13E-07	4.81E-07	8.71E-08	2.90E-08	1.16E-07	6.79E-08	1.40E-08	8.18E-08
734	624540.71	4265495.93	4.30E-07	1.48E-07	5.78E-07	3.59E-07	1.11E-07	4.70E-07	8.51E-08	2.83E-08	1.13E-07	6.63E-08	1.36E-08	8.00E-08
735	624530.81	4265495.79	4.20E-07	1.44E-07	5.64E-07	3.51E-07	1.08E-07	4.59E-07	8.31E-08	2.77E-08	1.11E-07	6.48E-08	1.33E-08	7.81E-08
736	624520.9	4265495.66	4.09E-07	1.41E-07	5.50E-07	3.42E-07	1.05E-07	4.48E-07	8.10E-08	2.70E-08	1.08E-07	6.32E-08	1.30E-08	7.62E-08
737	624510.99	4265495.52	3.98E-07	1.37E-07	5.36E-07	3.33E-07	1.03E-07	4.36E-07	7.89E-08	2.63E-08	1.05E-07	6.15E-08	1.26E-08	7.41E-08
738	624501.08	4265495.38	3.87E-07	1.33E-07	5.20E-07	3.24E-07	9.97E-08	4.23E-07	7.67E-08	2.55E-08	1.02E-07	5.98E-08	1.23E-08	7.21E-08
739	624491.17	4265495.24	3.76E-07	1.29E-07	5.05E-07	3.14E-07	9.68E-08	4.11E-07	7.44E-08	2.48E-08	9.92E-08	5.80E-08	1.19E-08	6.99E-08
740	624481.26	4265495.11	3.65E-07	1.25E-07	4.90E-07	3.05E-07	9.39E-08	3.99E-07	7.22E-08	2.40E-08	9.62E-08	5.62E-08	1.16E-08	6.78E-08
741	624471.35	4265494.97	3.53E-07	1.21E-07	4.75E-07	2.95E-07	9.09E-08	3.86E-07	6.99E-08	2.33E-08	9.32E-08	5.45E-08	1.12E-08	6.57E-08
742	624461.44	4265494.83	3.42E-07	1.18E-07	4.59E-07	2.86E-07	8.80E-08	3.74E-07	6.77E-08	2.25E-08	9.02E-08	5.28E-08	1.08E-08	6.36E-08
743	624451.54	4265494.69	3.31E-07	1.14E-07	4.45E-07	2.77E-07	8.52E-08	3.62E-07	6.55E-08	2.18E-08	8.73E-08	5.10E-08	1.05E-08	6.15E-08
744	624441.63	4265494.56	3.20E-07	1.10E-07	4.30E-07	2.67E-07	8.24E-08	3.50E-07	6.33E-08	2.11E-08	8.44E-08	4.94E-08	1.02E-08	5.95E-08
745	624431.72	4265494.42	3.10E-07	1.06E-07	4.16E-07	2.59E-07	7.97E-08	3.38E-07	6.13E-08	2.04E-08	8.17E-08	4.78E-08	9.82E-09	5.76E-08
746	624421.81	4265494.28	2.99E-07	1.03E-07	4.02E-07	2.50E-07	7.71E-08	3.27E-07	5.93E-08	1.97E-08	7.90E-08	4.62E-08	9.50E-09	5.57E-08
747	624411.9	4265494.14	2.90E-07	9.97E-08	3.90E-07	2.42E-07	7.46E-08	3.17E-07	5.74E-08	1.91E-08	7.65E-08	4.47E-08	9.20E-09	5.39E-08
748	624401.99	4265494.01	2.81E-07	9.66E-08	3.77E-07	2.35E-07	7.23E-08	3.07E-07	5.56E-08	1.85E-08	7.41E-08	4.33E-08	8.91E-09	5.22E-08
749	624392.08	4265493.87	2.72E-07	9.35E-08	3.65E-07	2.27E-07	7.00E-08	2.97E-07	5.38E-08	1.79E-08	7.18E-08	4.20E-08	8.63E-09	5.06E-08
750	624382.17	4265493.73	2.63E-07	9.06E-08	3.54E-07	2.20E-07	6.78E-08	2.88E-07	5.21E-08	1.74E-08	6.95E-08	4.06E-08	8.36E-09	4.90E-08
751	624372.27	4265493.59	2.55E-07	8.77E-08	3.43E-07	2.13E-07	6.57E-08	2.79E-07	5.05E-08	1.68E-08	6.73E-08	3.94E-08	8.09E-09	4.74E-08
752	624362.36	4265493.46	2.47E-07	8.50E-08	3.32E-07	2.07E-07	6.36E-08	2.70E-07	4.89E-08	1.63E-08	6.52E-08	3.81E-08	7.84E-09	4.60E-08
753	624866.94	4265479.12	4.24E-07	1.46E-07	5.70E-07	3.55E-07	1.09E-07	4.64E-07	8.40E-08	2.80E-08	1.12E-07	6.55E-08	1.35E-08	7.90E-08
754	624875.74	4265482.92	4.24E-07	1.46E-07	5.69E-07	3.54E-07	1.09E-07	4.63E-07	8.39E-08	2.79E-08	1.12E-07	6.54E-08	1.34E-08	7.88E-08
755	624884.54	4265486.71	4.22E-07	1.45E-07	5.67E-07	3.53E-07	1.09E-07	4.61E-07	8.35E-08	2.78E-08	1.11E-07	6.51E-08	1.34E-08	7.85E-08
756	624893.34	4265490.51	4.20E-07	1.44E-07	5.64E-07	3.51E-07	1.08E-07	4.59E-07	8.31E-08	2.77E-08	1.11E-07	6.48E-08	1.33E-08	7.81E-08
757	624902.14	4265494.3	4.16E-07	1.43E-07	5.60E-07	3.48E-07	1.07E-07	4.55E-07	8.24E-08	2.74E-08	1.10E-07	6.42E-08	1.32E-08	7.75E-08
758	624910.93	4265498.1	4.12E-07	1.42E-07	5.54E-07	3.44E-07	1.06E-07	4.51E-07	8.16E-08	2.72E-08	1.09E-07	6.36E-08	1.31E-08	7.67E-08
759	624919.73	4265501.89	4.07E-07	1.40E-07	5.47E-07	3.40E-07	1.05E-07	4.45E-07	8.06E-08	2.68E-08	1.07E-07	6.28E-08	1.29E-08	7.57E-08
760	624928.53	4265505.69	4.01E-07	1.38E-07	5.39E-07	3.35E-07	1.03E-07	4.38E-07	7.94E-08	2.64E-08	1.06E-07	6.19E-08	1.27E-08	7.46E-08
761	624937.33	4265509.48	3.94E-07	1.36E-07	5.30E-07	3.29E-07	1.01E-07	4.31E-07	7.80E-08	2.60E-08	1.04E-07	6.08E-08	1.25E-08	7.33E-08
762	624946.13	4265513.28	3.87E-07	1.33E-07	5.20E-07	3.23E-07	9.96E-08	4.23E-07	7.66E-08	2.55E-08	1.02E-07	5.97E-08	1.23E-08	7.20E-08
763	624954.93	4265517.07	3.79E-07	1.30E-07	5.09E-07	3.17E-07	9.75E-08	4.14E-07	7.50E-08	2.50E-08	9.99E-08	5.84E-08	1.20E-08	7.05E-08
764	624963.73	4265520.87	3.70E-07	1.27E-07	4.98E-07	3.10E-07	9.54E-08	4.05E-07	7.33E-08	2.44E-08	9.77E-08	5.72E-08	1.18E-08	6.89E-08
765	624972.52	4265524.66	3.62E-07	1.24E-07	4.86E-07	3.02E-07	9.31E-08	3.95E-07	7.16E-08	2.38E-08	9.54E-08	5.58E-08	1.15E-08	6.73E-08
766	624981.32	4265528.46	3.53E-07	1.21E-07	4.74E-07	2.95E-07	9.08E-08	3.86E-07	6.98E-08	2.32E-08	9.31E-08	5.44E-08	1.12E-08	6.56E-08
767	624990.12	4265532.25	3.44E-07	1.18E-07	4.62E-07	2.87E-07	8.85E-08	3.76E-07	6.80E-08	2.26E-08	9.07E-08	5.30E-08	1.09E-08	6.40E-08
768	625002.45	4265544.96	3.35E-07	1.15E-07	4.50E-07	2.80E-07	8.61E-08	3.66E-07	6.62E-08	2.20E-08	8.83E-08	5.16E-08	1.06E-08	6.22E-08
769	625005.97	4265553.87	3.34E-07	1.15E-07	4.49E-07	2.79E-07	8.60E-08	3.65E-07	6.62E-08	2.20E-08	8.82E-08	5.16E-08	1.06E-08	6.22E-08
770	625009.5	4265562.78	3.33E-07	1.15E-07	4.48E-07	2.79E-07	8.59E-08	3.65E-07	6.60E-08	2.20E-08	8.80E-08	5.15E-08	1.06E-08	6.20E-08
771	625013.03	4265571.69	3.32E-07	1.14E-07	4.47E-07	2.78E-07	8.56E-08	3.63E-07	6.58E-08	2.19E-08	8.77E-08	5.13E-08	1.06E-08	6.19E-08
772	625016.55	4265580.6	3.31E-07	1.14E-07	4.45E-07	2.77E-07	8.53E-08	3.62E-07	6.55E-08	2.18E-08	8.74E-08	5.11E-08	1.05E-08	6.16E-08
773	625020.08	4265589.51	3.29E-07	1.13E-07	4.43E-07	2.75E-07	8.48E-08	3.60E-07	6.52E-08	2.17E-08	8.69E-08	5.08E-08	1.05E-08	6.13E-08
774	625023.6	4265598.42	3.28E-07	1.13E-07	4.40E-07	2.74E-07	8.43E-08	3.58E-07	6.48E-08	2.16E-08	8.64E-08	5.05E-08	1.04E-08	6.09E-08
775	625027.13	4265607.33	3.25E-07	1.12E-07	4.37E-07	2.72E-07	8.37E-08	3.56E-07	6.44E-08	2.14E-08	8.58E-08	5.02E-08	1.03E-08	6.05E-08
776	625030.66	4265616.24	3.23E-07	1.11E-07	4.34E-07	2.70E-07	8.31E-08	3.53E-07	6.39E-08	2.13E-08	8.51E-08	4.98E-08	1.02E-08	6.00E-08
777	625034.18	4265625.14	3.20E-07	1.10E-07	4.30E-07	2.67E-07	8.23E-08	3.50E-07	6.33E-08	2.11E-08	8.43E-08	4.93E-08	1.01E-08	5.95E-08
778	625037.71	4265634.05	3.16E-07	1.09E-07	4.25E-07	2.64E-07	8.15E-08	3.46E-07	6.26E-08	2.08E-08	8.35E-08	4.88E-08	1.00E-08	5.89E-08
779	625041.24	4265642.96	3.13E-07	1.08E-07	4.20E-07	2.62E-07	8.06E-08	3.42E-07	6.19E-08	2.06E-08	8.25E-08	4.83E-08	9.93E-09	5.82E-08
780	625044.76	4265651.87	3.09E-07	1.06E-07	4.15E-07	2.58E-07	7.96E-08	3.38E-07	6.12E-08	2.04E-08	8.15E-08	4.77E-08	9.81E-09	5.75E-08
781	625048.29	4265660.78	3.05E-07	1.05E-07	4.10E-07	2.55E-07	7.85E-08	3.33E-07	6.04E-08	2.01E-08	8.05E-08	4.71E-08	9.68E-09	5.67E-08
782	625051.82	4265669.69	3.01E-07	1.03E-07	4.04E-07	2.51E-07	7.74E-08	3.29E-07	5.95E-08	1.98E-08	7.93E-08	4.64E-08	9.54E-09	5.59E-08
783	624858.14	4265475.33	4.25E-07	1.46E-07	5.71E-07	3.55E-07	1.09E-07	4.64E-07	8.41E-08	2.80E-08	1.12E-07	6.55E-08	1.35E-08	7.90E-08
784	624848.23	4265475.19	4.30E-07	1.48E-07	5.78E-07	3.60E-07	1.11E-07	4.71E-07	8.52E-08	2.84E-08	1.14E-07	6.64E-08	1.37E-08	8.01E-08
785	624838.33	4265475.05	4.36E-07	1.50E-07	5.86E-07	3.64E-07	1.12E-07	4.76E-07	8.62E-08	2.87E-08	1.15E-07	6.72E-08	1.38E-08	8.11E-08
786	624828.42	4265474.92	4.41E-07	1.52E-07	5.92E-07	3.68E-07	1.13E-07	4.82E-07	8.72E-08	2.90E-08	1.16E-07	6.80E-08	1.40E-08	8.20E-08
787	624818.51	4265474.78	4.45E-07	1.53E-07	5.98E-07	3.72E-07	1.15E-07	4.87E-07	8.81E-08	2.93E-08	1.17E-07	6.87E-08	1.41E-08	8.28E-08
788	624808.6	4265474.64	4.49E-07	1.55E-07	6.04E-07	3.76E-07	1.16E-07	4.91E-07	8.89E-08	2.96E-08	1.19E-07	6.93E-08	1.43E-08	8.36E-08

789	624798.69	4265474.5	4.53E-07	1.56E-07	6.09E-07	3.79E-07	1.17E-07	4.95E-07	8.97E-08	2.98E-08	1.20E-07	6.99E-08	1.44E-08	8.43E-08
790	624788.78	4265474.37	4.56E-07	1.57E-07	6.13E-07	3.81E-07	1.17E-07	4.99E-07	9.03E-08	3.00E-08	1.20E-07	7.04E-08	1.45E-08	8.48E-08
791	624778.87	4265474.23	4.58E-07	1.58E-07	6.16E-07	3.83E-07	1.18E-07	5.01E-07	9.07E-08	3.02E-08	1.21E-07	7.07E-08	1.45E-08	8.53E-08
792	624768.96	4265474.09	4.60E-07	1.58E-07	6.19E-07	3.85E-07	1.19E-07	5.03E-07	9.11E-08	3.03E-08	1.21E-07	7.10E-08	1.46E-08	8.56E-08
793	624759.06	4265473.96	4.62E-07	1.59E-07	6.20E-07	3.86E-07	1.19E-07	5.05E-07	9.14E-08	3.04E-08	1.22E-07	7.12E-08	1.47E-08	8.59E-08
794	624749.15	4265473.82	4.62E-07	1.59E-07	6.22E-07	3.87E-07	1.19E-07	5.06E-07	9.15E-08	3.05E-08	1.22E-07	7.14E-08	1.47E-08	8.60E-08
795	624739.24	4265473.68	4.63E-07	1.59E-07	6.22E-07	3.87E-07	1.19E-07	5.06E-07	9.16E-08	3.05E-08	1.22E-07	7.14E-08	1.47E-08	8.61E-08
796	624729.33	4265473.54	4.63E-07	1.59E-07	6.22E-07	3.87E-07	1.19E-07	5.06E-07	9.16E-08	3.05E-08	1.22E-07	7.14E-08	1.47E-08	8.61E-08
797	624719.42	4265473.41	4.62E-07	1.59E-07	6.21E-07	3.86E-07	1.19E-07	5.05E-07	9.15E-08	3.05E-08	1.22E-07	7.13E-08	1.47E-08	8.60E-08
798	624709.51	4265473.27	4.61E-07	1.59E-07	6.20E-07	3.86E-07	1.19E-07	5.04E-07	9.13E-08	3.04E-08	1.22E-07	7.12E-08	1.46E-08	8.58E-08
799	624699.6	4265473.13	4.60E-07	1.58E-07	6.19E-07	3.85E-07	1.19E-07	5.03E-07	9.11E-08	3.03E-08	1.21E-07	7.10E-08	1.46E-08	8.56E-08
800	624689.69	4265472.99	4.59E-07	1.58E-07	6.17E-07	3.83E-07	1.18E-07	5.02E-07	9.08E-08	3.02E-08	1.21E-07	7.08E-08	1.46E-08	8.54E-08
801	624679.78	4265472.86	4.57E-07	1.57E-07	6.14E-07	3.82E-07	1.18E-07	5.00E-07	9.04E-08	3.01E-08	1.21E-07	7.05E-08	1.45E-08	8.50E-08
802	624669.88	4265472.72	4.55E-07	1.56E-07	6.11E-07	3.80E-07	1.17E-07	4.97E-07	9.00E-08	3.00E-08	1.20E-07	7.02E-08	1.44E-08	8.46E-08
803	624659.97	4265472.58	4.52E-07	1.55E-07	6.08E-07	3.78E-07	1.16E-07	4.94E-07	8.95E-08	2.98E-08	1.19E-07	6.98E-08	1.43E-08	8.41E-08
804	624650.06	4265472.44	4.49E-07	1.54E-07	6.03E-07	3.75E-07	1.16E-07	4.91E-07	8.89E-08	2.96E-08	1.18E-07	6.93E-08	1.42E-08	8.35E-08
805	624640.15	4265472.31	4.45E-07	1.53E-07	5.99E-07	3.72E-07	1.15E-07	4.87E-07	8.82E-08	2.93E-08	1.18E-07	6.87E-08	1.41E-08	8.29E-08
806	624630.24	4265472.17	4.41E-07	1.52E-07	5.93E-07	3.69E-07	1.14E-07	4.82E-07	8.73E-08	2.91E-08	1.16E-07	6.81E-08	1.40E-08	8.21E-08
807	624620.33	4265472.03	4.37E-07	1.50E-07	5.87E-07	3.65E-07	1.12E-07	4.77E-07	8.64E-08	2.88E-08	1.15E-07	6.74E-08	1.39E-08	8.12E-08
808	624610.42	4265471.89	4.31E-07	1.48E-07	5.79E-07	3.60E-07	1.11E-07	4.71E-07	8.53E-08	2.84E-08	1.14E-07	6.65E-08	1.37E-08	8.02E-08
809	624600.51	4265471.76	4.25E-07	1.46E-07	5.71E-07	3.55E-07	1.09E-07	4.65E-07	8.42E-08	2.80E-08	1.12E-07	6.56E-08	1.35E-08	7.91E-08
810	624590.61	4265471.62	4.19E-07	1.44E-07	5.63E-07	3.50E-07	1.08E-07	4.58E-07	8.29E-08	2.76E-08	1.11E-07	6.46E-08	1.33E-08	7.79E-08
811	624580.7	4265471.48	4.12E-07	1.42E-07	5.54E-07	3.44E-07	1.06E-07	4.50E-07	8.16E-08	2.71E-08	1.09E-07	6.36E-08	1.31E-08	7.67E-08
812	624570.79	4265471.34	4.05E-07	1.39E-07	5.44E-07	3.38E-07	1.04E-07	4.42E-07	8.01E-08	2.67E-08	1.07E-07	6.24E-08	1.28E-08	7.53E-08
813	624560.88	4265471.21	3.97E-07	1.36E-07	5.33E-07	3.32E-07	1.02E-07	4.34E-07	7.86E-08	2.61E-08	1.05E-07	6.12E-08	1.26E-08	7.38E-08
814	624550.97	4265471.07	3.89E-07	1.34E-07	5.22E-07	3.25E-07	1.00E-07	4.25E-07	7.69E-08	2.56E-08	1.02E-07	5.99E-08	1.23E-08	7.23E-08
815	624541.06	4265470.93	3.80E-07	1.31E-07	5.10E-07	3.17E-07	9.78E-08	4.15E-07	7.52E-08	2.50E-08	1.00E-07	5.86E-08	1.21E-08	7.07E-08
816	624531.15	4265470.8	3.71E-07	1.28E-07	4.98E-07	3.10E-07	9.55E-08	4.05E-07	7.34E-08	2.44E-08	9.78E-08	5.72E-08	1.18E-08	6.90E-08
817	624521.24	4265470.66	3.62E-07	1.24E-07	4.86E-07	3.02E-07	9.31E-08	3.95E-07	7.16E-08	2.38E-08	9.54E-08	5.58E-08	1.15E-08	6.73E-08
818	624511.34	4265470.52	3.52E-07	1.21E-07	4.74E-07	2.95E-07	9.07E-08	3.85E-07	6.98E-08	2.32E-08	9.30E-08	5.44E-08	1.12E-08	6.56E-08
819	624501.43	4265470.38	3.43E-07	1.18E-07	4.61E-07	2.87E-07	8.83E-08	3.75E-07	6.79E-08	2.26E-08	9.05E-08	5.29E-08	1.09E-08	6.38E-08
820	624491.52	4265470.25	3.34E-07	1.15E-07	4.48E-07	2.79E-07	8.59E-08	3.65E-07	6.60E-08	2.20E-08	8.80E-08	5.15E-08	1.06E-08	6.21E-08
821	624481.61	4265470.11	3.24E-07	1.11E-07	4.36E-07	2.71E-07	8.34E-08	3.54E-07	6.42E-08	2.14E-08	8.55E-08	5.00E-08	1.03E-08	6.03E-08
822	624471.7	4265469.97	3.15E-07	1.08E-07	4.23E-07	2.63E-07	8.10E-08	3.44E-07	6.23E-08	2.07E-08	8.30E-08	4.86E-08	9.99E-09	5.86E-08
823	624461.79	4265469.83	3.06E-07	1.05E-07	4.11E-07	2.55E-07	7.87E-08	3.34E-07	6.05E-08	2.01E-08	8.06E-08	4.72E-08	9.70E-09	5.69E-08
824	624451.88	4265469.7	2.97E-07	1.02E-07	3.99E-07	2.48E-07	7.64E-08	3.24E-07	5.87E-08	1.96E-08	7.83E-08	4.58E-08	9.42E-09	5.52E-08
825	624441.97	4265469.56	2.88E-07	9.91E-08	3.87E-07	2.41E-07	7.42E-08	3.15E-07	5.70E-08	1.90E-08	7.60E-08	4.45E-08	9.14E-09	5.36E-08
826	624432.06	4265469.42	2.80E-07	9.62E-08	3.76E-07	2.34E-07	7.20E-08	3.06E-07	5.54E-08	1.84E-08	7.38E-08	4.32E-08	8.88E-09	5.20E-08
827	624422.16	4265469.28	2.72E-07	9.34E-08	3.65E-07	2.27E-07	7.00E-08	2.97E-07	5.38E-08	1.79E-08	7.17E-08	4.19E-08	8.62E-09	5.05E-08
828	624412.25	4265469.15	2.64E-07	9.07E-08	3.55E-07	2.21E-07	6.79E-08	2.89E-07	5.22E-08	1.74E-08	6.96E-08	4.07E-08	8.38E-09	4.91E-08
829	624402.34	4265469.01	2.56E-07	8.82E-08	3.45E-07	2.14E-07	6.60E-08	2.80E-07	5.07E-08	1.69E-08	6.76E-08	3.96E-08	8.14E-09	4.77E-08
830	624392.43	4265468.87	2.49E-07	8.56E-08	3.35E-07	2.08E-07	6.41E-08	2.72E-07	4.93E-08	1.64E-08	6.57E-08	3.84E-08	7.90E-09	4.63E-08
831	624382.52	4265468.73	2.42E-07	8.32E-08	3.25E-07	2.02E-07	6.23E-08	2.65E-07	4.79E-08	1.59E-08	6.38E-08	3.73E-08	7.68E-09	4.50E-08
832	624372.61	4265468.6	2.35E-07	8.08E-08	3.16E-07	1.96E-07	6.05E-08	2.57E-07	4.65E-08	1.55E-08	6.20E-08	3.63E-08	7.46E-09	4.37E-08
833	624362.7	4265468.46	2.28E-07	7.85E-08	3.07E-07	1.91E-07	5.88E-08	2.50E-07	4.52E-08	1.50E-08	6.02E-08	3.52E-08	7.25E-09	4.25E-08
834	624867.29	4265454.13	3.91E-07	1.34E-07	5.25E-07	3.27E-07	1.01E-07	4.27E-07	7.74E-08	2.58E-08	1.03E-07	6.03E-08	1.24E-08	7.27E-08
835	624876.09	4265457.92	3.91E-07	1.34E-07	5.25E-07	3.27E-07	1.01E-07	4.27E-07	7.73E-08	2.57E-08	1.03E-07	6.03E-08	1.24E-08	7.27E-08
836	624884.89	4265461.72	3.90E-07	1.34E-07	5.24E-07	3.26E-07	1.00E-07	4.26E-07	7.72E-08	2.57E-08	1.03E-07	6.02E-08	1.24E-08	7.25E-08
837	624893.68	4265465.51	3.89E-07	1.34E-07	5.22E-07	3.25E-07	1.00E-07	4.25E-07	7.69E-08	2.56E-08	1.03E-07	6.00E-08	1.23E-08	7.23E-08
838	624902.48	4265469.31	3.86E-07	1.33E-07	5.19E-07	3.23E-07	9.95E-08	4.22E-07	7.65E-08	2.55E-08	1.02E-07	5.96E-08	1.23E-08	7.19E-08
839	624911.28	4265473.1	3.84E-07	1.32E-07	5.15E-07	3.21E-07	9.87E-08	4.19E-07	7.59E-08	2.53E-08	1.01E-07	5.92E-08	1.22E-08	7.14E-08
840	624920.08	4265476.9	3.80E-07	1.31E-07	5.11E-07	3.18E-07	9.78E-08	4.15E-07	7.52E-08	2.50E-08	1.00E-07	5.86E-08	1.21E-08	7.07E-08
841	624928.88	4265480.69	3.76E-07	1.29E-07	5.05E-07	3.14E-07	9.67E-08	4.11E-07	7.43E-08	2.47E-08	9.91E-08	5.80E-08	1.19E-08	6.99E-08
842	624937.68	4265484.49	3.71E-07	1.27E-07	4.98E-07	3.10E-07	9.54E-08	4.05E-07	7.33E-08	2.44E-08	9.78E-08	5.72E-08	1.18E-08	6.89E-08
843	624946.47	4265488.28	3.65E-07	1.25E-07	4.90E-07	3.05E-07	9.39E-08	3.99E-07	7.22E-08	2.40E-08	9.63E-08	5.63E-08	1.16E-08	6.79E-08
844	624955.27	4265492.08	3.59E-07	1.23E-07	4.82E-07	3.00E-07	9.23E-08	3.92E-07	7.10E-08	2.36E-08	9.46E-08	5.53E-08	1.14E-08	6.67E-08
845	624964.07	4265495.87	3.52E-07	1.21E-07	4.73E-07	2.94E-07	9.06E-08	3.85E-07	6.96E-08	2.32E-08	9.28E-08	5.43E-08	1.12E-08	6.55E-08
846	624972.87	4265499.67	3.45E-07	1.19E-07	4.63E-07	2.88E-07	8.87E-08	3.77E-07	6.82E-08	2.27E-08	9.09E-08	5.32E-08	1.09E-08	6.41E-08
847	624981.67	4265503.46	3.37E-07	1.16E-07	4.53E-07	2.82E-07	8.68E-08	3.69E-07	6.67E-08	2.22E-08	8.89E-08	5.20E-08	1.07E-08	6.27E-08
848	624990.47	4265507.26	3.29E-07	1.13E-07	4.43E-07	2.75E-07	8.48E-08	3.60E-07	6.52E-08	2.17E-08	8.69E-08	5.08E-08	1.05E-08	6.13E-08
849	624999.27	4265511.05	3.22E-07	1.11E-07	4.32E-07	2.69E-07	8.28E-08	3.52E-07	6.37E-08	2.12E-08	8.48E-08	4.96E-08	1.02E-08	5.98E-08
850	625008.06	4265514.85	3.14E-07	1.08E-07	4.22E-07	2.62E-07	8.08E-08	3.43E-07	6.21E-08	2.07E-08	8.28E-08	4.84E-08	9.96E-09	5.84E-08
851	625020.39	4265527.55	3.06E-07	1.05E-07	4.11E-07	2.55E-07	7.87E-08	3.34E-07	6.05E-08	2.01E-08	8.06E-08	4.71E-08	9.70E-09	5.68E-08
852	625023.92	4265536.46	3.05E-07	1.05E-07	4.10E-07	2.55E-07	7.86E-08	3.34E-07	6.04E-08	2.01E-08	8.05E-08	4.71E-08	9.68E-09	5.68E-08
853	625027.44	4265545.37	3.04E-07	1.05E-07	4.09E-07	2.54E-07	7.84E-08	3.33E-07	6.03E-08	2.01E-08	8.03E-08	4.70E-08	9.66E-09	5.66E-08
854	625030.97	4265554.28	3.04E-07	1.04E-07	4.08E-07	2.54E-07	7.81E-08	3.32E-07	6.01E-08	2.00E-08	8.01E-08	4.68E-08	9.63E-09	5.65E-08
855	625034.5	4265563.19	3.02E-07	1.04E-07	4.06E-07	2.53E-07	7.78E-08	3.31E-07	5.98E-08	1.99E-08	7.98E-08	4.67E-08	9.59E-09	5.62E-08
856	625038.02	4265572.1	3.01E-07	1.03E-07	4.04E-07	2.52E-07	7.75E-08	3.29E-07	5.96E-08	1.98E-08	7.94E-08	4.64E-08	9.55E-09	5.60E-08
857	625041.55	4265581.01	2.99E-07	1.03E-07	4.02E-07	2.50E-07	7.70E-08	3.27E-07	5.92E-08	1.97E-08	7.89E-08	4.62E-08	9.50E-09	5.57E-08
858	625045.07	4265589.92	2.97E-07	1.02E-07	4.00E-07	2.49E-07	7.66E-08	3.25E-07	5.89E-08	1.96E-08	7.84E-08	4.59E-08	9.44E-09	5.53E-08
859	625048.6	4265598.83	2.95E-07	1.01E-07	3.97E-07	2.47E-07	7.60E-08	3.23E-07	5.84E-08	1.94E-08	7.79E-08	4.55E-08	9.37E-09	5.49E-08
860	625052.13	4265607.74	2.93E-07	1.01E-07	3.93E-07	2.45E-07	7.54E-08	3.20E-07	5.79E-08	1.93E-08	7.72E-08	4.52E-08	9.29E-09	5.45E-08

861	625055.65	4265616.65	2.90E-07	9.97E-08	3.90E-07	2.42E-07	7.47E-08	3.17E-07	5.74E-08	1.91E-08	7.65E-08	4.48E-08	9.20E-09	5.40E-08
862	625059.18	4265625.56	2.87E-07	9.87E-08	3.86E-07	2.40E-07	7.39E-08	3.14E-07	5.68E-08	1.89E-08	7.57E-08	4.43E-08	9.11E-09	5.34E-08
863	625062.71	4265634.47	2.84E-07	9.76E-08	3.82E-07	2.37E-07	7.31E-08	3.10E-07	5.62E-08	1.87E-08	7.49E-08	4.38E-08	9.01E-09	5.28E-08
864	625066.23	4265643.38	2.81E-07	9.65E-08	3.77E-07	2.35E-07	7.22E-08	3.07E-07	5.55E-08	1.85E-08	7.40E-08	4.33E-08	8.91E-09	5.22E-08
865	625069.76	4265652.29	2.77E-07	9.53E-08	3.72E-07	2.32E-07	7.13E-08	3.03E-07	5.48E-08	1.83E-08	7.31E-08	4.27E-08	8.79E-09	5.15E-08
866	625073.29	4265661.19	2.73E-07	9.40E-08	3.67E-07	2.28E-07	7.04E-08	2.99E-07	5.41E-08	1.80E-08	7.21E-08	4.22E-08	8.67E-09	5.08E-08
867	625076.81	4265670.1	2.69E-07	9.26E-08	3.62E-07	2.25E-07	6.94E-08	2.95E-07	5.33E-08	1.77E-08	7.11E-08	4.16E-08	8.55E-09	5.01E-08
868	624858.49	4265450.33	3.91E-07	1.34E-07	5.25E-07	3.26E-07	1.01E-07	4.27E-07	7.73E-08	2.57E-08	1.03E-07	6.03E-08	1.24E-08	7.27E-08
869	624848.58	4265450.19	3.95E-07	1.36E-07	5.31E-07	3.30E-07	1.02E-07	4.32E-07	7.82E-08	2.60E-08	1.04E-07	6.10E-08	1.25E-08	7.35E-08
870	624838.67	4265450.06	4.00E-07	1.37E-07	5.37E-07	3.34E-07	1.03E-07	4.37E-07	7.91E-08	2.63E-08	1.05E-07	6.16E-08	1.27E-08	7.43E-08
871	624828.76	4265449.92	4.04E-07	1.39E-07	5.42E-07	3.37E-07	1.04E-07	4.41E-07	7.99E-08	2.66E-08	1.06E-07	6.23E-08	1.28E-08	7.51E-08
872	624818.85	4265449.78	4.07E-07	1.40E-07	5.47E-07	3.40E-07	1.05E-07	4.45E-07	8.06E-08	2.68E-08	1.07E-07	6.28E-08	1.29E-08	7.58E-08
873	624808.95	4265449.64	4.10E-07	1.41E-07	5.52E-07	3.43E-07	1.06E-07	4.49E-07	8.12E-08	2.70E-08	1.08E-07	6.33E-08	1.30E-08	7.64E-08
874	624799.04	4265449.51	4.13E-07	1.42E-07	5.55E-07	3.45E-07	1.06E-07	4.52E-07	8.18E-08	2.72E-08	1.09E-07	6.38E-08	1.31E-08	7.69E-08
875	624789.13	4265449.37	4.16E-07	1.43E-07	5.59E-07	3.47E-07	1.07E-07	4.54E-07	8.23E-08	2.74E-08	1.10E-07	6.41E-08	1.32E-08	7.73E-08
876	624779.22	4265449.23	4.17E-07	1.44E-07	5.61E-07	3.49E-07	1.07E-07	4.56E-07	8.26E-08	2.75E-08	1.10E-07	6.44E-08	1.32E-08	7.77E-08
877	624769.31	4265449.1	4.19E-07	1.44E-07	5.63E-07	3.50E-07	1.08E-07	4.58E-07	8.29E-08	2.76E-08	1.10E-07	6.46E-08	1.33E-08	7.79E-08
878	624759.4	4265448.96	4.20E-07	1.44E-07	5.64E-07	3.51E-07	1.08E-07	4.59E-07	8.30E-08	2.76E-08	1.11E-07	6.47E-08	1.33E-08	7.80E-08
879	624749.49	4265448.82	4.20E-07	1.44E-07	5.64E-07	3.51E-07	1.08E-07	4.59E-07	8.31E-08	2.77E-08	1.11E-07	6.48E-08	1.33E-08	7.81E-08
880	624739.58	4265448.68	4.19E-07	1.44E-07	5.64E-07	3.51E-07	1.08E-07	4.59E-07	8.30E-08	2.76E-08	1.11E-07	6.47E-08	1.33E-08	7.80E-08
881	624729.68	4265448.55	4.19E-07	1.44E-07	5.63E-07	3.50E-07	1.08E-07	4.58E-07	8.29E-08	2.76E-08	1.10E-07	6.46E-08	1.33E-08	7.79E-08
882	624719.77	4265448.41	4.18E-07	1.44E-07	5.61E-07	3.49E-07	1.08E-07	4.57E-07	8.27E-08	2.75E-08	1.10E-07	6.45E-08	1.33E-08	7.77E-08
883	624709.86	4265448.27	4.16E-07	1.43E-07	5.59E-07	3.48E-07	1.07E-07	4.55E-07	8.24E-08	2.74E-08	1.10E-07	6.42E-08	1.32E-08	7.75E-08
884	624699.95	4265448.13	4.15E-07	1.43E-07	5.57E-07	3.47E-07	1.07E-07	4.53E-07	8.21E-08	2.73E-08	1.09E-07	6.40E-08	1.32E-08	7.72E-08
885	624690.04	4265448	4.13E-07	1.42E-07	5.55E-07	3.45E-07	1.06E-07	4.51E-07	8.17E-08	2.72E-08	1.09E-07	6.37E-08	1.31E-08	7.68E-08
886	624680.13	4265447.86	4.11E-07	1.41E-07	5.52E-07	3.43E-07	1.06E-07	4.49E-07	8.13E-08	2.70E-08	1.08E-07	6.33E-08	1.30E-08	7.64E-08
887	624670.22	4265447.72	4.08E-07	1.40E-07	5.48E-07	3.41E-07	1.05E-07	4.46E-07	8.07E-08	2.69E-08	1.08E-07	6.29E-08	1.29E-08	7.59E-08
888	624660.31	4265447.58	4.05E-07	1.39E-07	5.44E-07	3.38E-07	1.04E-07	4.43E-07	8.02E-08	2.67E-08	1.07E-07	6.25E-08	1.29E-08	7.53E-08
889	624650.4	4265447.45	4.02E-07	1.38E-07	5.40E-07	3.36E-07	1.03E-07	4.39E-07	7.95E-08	2.65E-08	1.06E-07	6.20E-08	1.27E-08	7.47E-08
890	624640.5	4265447.31	3.98E-07	1.37E-07	5.35E-07	3.33E-07	1.02E-07	4.35E-07	7.88E-08	2.62E-08	1.05E-07	6.14E-08	1.26E-08	7.41E-08
891	624630.59	4265447.17	3.94E-07	1.36E-07	5.30E-07	3.29E-07	1.01E-07	4.31E-07	7.80E-08	2.60E-08	1.04E-07	6.08E-08	1.25E-08	7.33E-08
892	624620.68	4265447.03	3.90E-07	1.34E-07	5.24E-07	3.26E-07	1.00E-07	4.26E-07	7.71E-08	2.57E-08	1.03E-07	6.01E-08	1.24E-08	7.25E-08
893	624610.77	4265446.9	3.85E-07	1.32E-07	5.17E-07	3.21E-07	9.90E-08	4.20E-07	7.61E-08	2.53E-08	1.01E-07	5.93E-08	1.22E-08	7.15E-08
894	624600.86	4265446.76	3.79E-07	1.30E-07	5.09E-07	3.17E-07	9.76E-08	4.14E-07	7.50E-08	2.50E-08	1.00E-07	5.85E-08	1.20E-08	7.05E-08
895	624590.95	4265446.62	3.73E-07	1.28E-07	5.02E-07	3.12E-07	9.61E-08	4.08E-07	7.39E-08	2.46E-08	9.85E-08	5.76E-08	1.18E-08	6.94E-08
896	624581.04	4265446.48	3.67E-07	1.26E-07	4.93E-07	3.07E-07	9.45E-08	4.01E-07	7.26E-08	2.42E-08	9.68E-08	5.66E-08	1.16E-08	6.83E-08
897	624571.13	4265446.35	3.60E-07	1.24E-07	4.84E-07	3.01E-07	9.28E-08	3.94E-07	7.13E-08	2.37E-08	9.51E-08	5.56E-08	1.14E-08	6.71E-08
898	624561.23	4265446.21	3.53E-07	1.22E-07	4.75E-07	2.95E-07	9.10E-08	3.86E-07	7.00E-08	2.33E-08	9.33E-08	5.45E-08	1.12E-08	6.58E-08
899	624551.32	4265446.07	3.46E-07	1.19E-07	4.65E-07	2.89E-07	8.91E-08	3.78E-07	6.85E-08	2.28E-08	9.13E-08	5.34E-08	1.10E-08	6.44E-08
900	624541.41	4265445.93	3.38E-07	1.16E-07	4.55E-07	2.83E-07	8.71E-08	3.70E-07	6.70E-08	2.23E-08	8.93E-08	5.22E-08	1.07E-08	6.30E-08
901	624531.5	4265445.8	3.31E-07	1.14E-07	4.44E-07	2.76E-07	8.51E-08	3.62E-07	6.54E-08	2.18E-08	8.72E-08	5.10E-08	1.05E-08	6.15E-08
902	624521.59	4265445.66	3.23E-07	1.11E-07	4.34E-07	2.70E-07	8.31E-08	3.53E-07	6.39E-08	2.13E-08	8.52E-08	4.98E-08	1.02E-08	6.01E-08
903	624511.68	4265445.52	3.15E-07	1.08E-07	4.23E-07	2.63E-07	8.11E-08	3.44E-07	6.23E-08	2.08E-08	8.31E-08	4.86E-08	1.00E-08	5.86E-08
904	624501.77	4265445.39	3.07E-07	1.06E-07	4.13E-07	2.57E-07	7.91E-08	3.36E-07	6.08E-08	2.02E-08	8.10E-08	4.74E-08	9.74E-09	5.71E-08
905	624491.86	4265445.25	2.99E-07	1.03E-07	4.02E-07	2.50E-07	7.70E-08	3.27E-07	5.92E-08	1.97E-08	7.89E-08	4.62E-08	9.49E-09	5.57E-08
906	624481.96	4265445.11	2.91E-07	1.00E-07	3.91E-07	2.43E-07	7.50E-08	3.18E-07	5.77E-08	1.92E-08	7.69E-08	4.50E-08	9.24E-09	5.42E-08
907	624472.05	4265444.97	2.84E-07	9.75E-08	3.81E-07	2.37E-07	7.30E-08	3.10E-07	5.61E-08	1.87E-08	7.48E-08	4.38E-08	9.00E-09	5.28E-08
908	624462.14	4265444.84	2.76E-07	9.50E-08	3.71E-07	2.31E-07	7.11E-08	3.02E-07	5.47E-08	1.82E-08	7.29E-08	4.26E-08	8.76E-09	5.14E-08
909	624452.23	4265444.7	2.69E-07	9.25E-08	3.61E-07	2.25E-07	6.92E-08	2.94E-07	5.32E-08	1.77E-08	7.09E-08	4.15E-08	8.53E-09	5.00E-08
910	624442.32	4265444.56	2.62E-07	9.01E-08	3.52E-07	2.19E-07	6.74E-08	2.86E-07	5.18E-08	1.73E-08	6.91E-08	4.04E-08	8.31E-09	4.87E-08
911	624432.41	4265444.42	2.55E-07	8.77E-08	3.43E-07	2.13E-07	6.57E-08	2.79E-07	5.05E-08	1.68E-08	6.73E-08	3.94E-08	8.09E-09	4.75E-08
912	624422.5	4265444.29	2.48E-07	8.54E-08	3.34E-07	2.08E-07	6.40E-08	2.72E-07	4.92E-08	1.64E-08	6.55E-08	3.83E-08	7.88E-09	4.62E-08
913	624412.59	4265444.15	2.42E-07	8.32E-08	3.25E-07	2.02E-07	6.23E-08	2.65E-07	4.79E-08	1.59E-08	6.38E-08	3.73E-08	7.68E-09	4.50E-08
914	624402.68	4265444.01	2.36E-07	8.10E-08	3.17E-07	1.97E-07	6.07E-08	2.58E-07	4.66E-08	1.55E-08	6.22E-08	3.64E-08	7.48E-09	4.38E-08
915	624392.78	4265443.87	2.29E-07	7.89E-08	3.08E-07	1.92E-07	5.91E-08	2.51E-07	4.54E-08	1.51E-08	6.05E-08	3.54E-08	7.28E-09	4.27E-08
916	624382.87	4265443.74	2.23E-07	7.69E-08	3.00E-07	1.87E-07	5.75E-08	2.44E-07	4.42E-08	1.47E-08	5.90E-08	3.45E-08	7.09E-09	4.16E-08
917	624372.96	4265443.6	2.18E-07	7.48E-08	2.92E-07	1.82E-07	5.60E-08	2.38E-07	4.31E-08	1.43E-08	5.74E-08	3.36E-08	6.91E-09	4.05E-08
918	624363.05	4265443.46	2.12E-07	7.29E-08	2.85E-07	1.77E-07	5.46E-08	2.32E-07	4.19E-08	1.40E-08	5.59E-08	3.27E-08	6.73E-09	3.94E-08
919	624867.63	4265429.13	3.61E-07	1.24E-07	4.85E-07	3.02E-07	9.30E-08	3.95E-07	7.15E-08	2.38E-08	9.53E-08	5.57E-08	1.15E-08	6.72E-08
920	624876.43	4265432.92	3.61E-07	1.24E-07	4.86E-07	3.02E-07	9.31E-08	3.95E-07	7.15E-08	2.38E-08	9.54E-08	5.58E-08	1.15E-08	6.72E-08
921	624885.23	4265436.72	3.61E-07	1.24E-07	4.86E-07	3.02E-07	9.30E-08	3.95E-07	7.15E-08	2.38E-08	9.53E-08	5.57E-08	1.15E-08	6.72E-08
922	624894.03	4265440.51	3.61E-07	1.24E-07	4.85E-07	3.01E-07	9.28E-08	3.94E-07	7.14E-08	2.38E-08	9.51E-08	5.56E-08	1.14E-08	6.71E-08
923	624902.83	4265444.31	3.59E-07	1.24E-07	4.83E-07	3.00E-07	9.25E-08	3.93E-07	7.11E-08	2.37E-08	9.48E-08	5.54E-08	1.14E-08	6.68E-08
924	624911.63	4265448.1	3.57E-07	1.23E-07	4.80E-07	2.99E-07	9.20E-08	3.91E-07	7.08E-08	2.36E-08	9.43E-08	5.52E-08	1.13E-08	6.65E-08
925	624920.43	4265451.9	3.55E-07	1.22E-07	4.77E-07	2.97E-07	9.14E-08	3.88E-07	7.03E-08	2.34E-08	9.37E-08	5.48E-08	1.13E-08	6.60E-08
926	624929.22	4265455.69	3.52E-07	1.21E-07	4.73E-07	2.94E-07	9.06E-08	3.85E-07	6.97E-08	2.32E-08	9.28E-08	5.43E-08	1.12E-08	6.55E-08
927	624938.02	4265459.49	3.48E-07	1.20E-07	4.68E-07	2.91E-07	8.97E-08	3.81E-07	6.89E-08	2.29E-08	9.19E-08	5.37E-08	1.11E-08	6.48E-08
928	624946.82	4265463.28	3.44E-07	1.18E-07	4.62E-07	2.87E-07	8.86E-08	3.76E-07	6.81E-08	2.27E-08	9.07E-08	5.31E-08	1.09E-08	6.40E-08
929	624955.62	4265467.08	3.39E-07	1.17E-07	4.56E-07	2.83E-07	8.73E-08	3.71E-07	6.71E-08	2.23E-08	8.95E-08	5.23E-08	1.08E-08	6.31E-08
930	624964.42	4265470.87	3.34E-07	1.15E-07	4.48E-07	2.79E-07	8.59E-08	3.65E-07	6.61E-08	2.20E-08	8.80E-08	5.15E-08	1.06E-08	6.21E-08
931	624973.22	4265474.67	3.28E-07	1.13E-07	4.41E-07	2.74E-07	8.44E-08	3.59E-07	6.49E-08	2.16E-08	8.65E-08	5.06E-08	1.04E-08	6.10E-08
932	624982.02	4265478.46	3.22E-07	1.11E-07	4.32E-07	2.69E-07	8.28E-08	3.52E-07	6.37E-08	2.12E-08	8.49E-08	4.96E-08	1.02E-08	5.99E-08

933	624990.81	4265482.26	3.15E-07	1.08E-07	4.24E-07	2.64E-07	8.12E-08	3.45E-07	6.24E-08	2.08E-08	8.32E-08	4.86E-08	1.00E-08	5.87E-08
934	624999.61	4265486.05	3.09E-07	1.06E-07	4.15E-07	2.58E-07	7.94E-08	3.37E-07	6.11E-08	2.03E-08	8.14E-08	4.76E-08	9.79E-09	5.74E-08
935	625008.41	4265489.85	3.02E-07	1.04E-07	4.05E-07	2.52E-07	7.77E-08	3.30E-07	5.97E-08	1.99E-08	7.96E-08	4.66E-08	9.57E-09	5.61E-08
936	625017.21	4265493.64	2.95E-07	1.01E-07	3.96E-07	2.46E-07	7.59E-08	3.22E-07	5.83E-08	1.94E-08	7.78E-08	4.55E-08	9.35E-09	5.48E-08
937	625026.01	4265497.44	2.88E-07	9.89E-08	3.87E-07	2.40E-07	7.41E-08	3.15E-07	5.69E-08	1.90E-08	7.59E-08	4.44E-08	9.13E-09	5.35E-08
938	625038.33	4265510.14	2.80E-07	9.64E-08	3.77E-07	2.34E-07	7.22E-08	3.07E-07	5.55E-08	1.85E-08	7.40E-08	4.33E-08	8.90E-09	5.22E-08
939	625041.86	4265519.05	2.80E-07	9.63E-08	3.76E-07	2.34E-07	7.21E-08	3.06E-07	5.54E-08	1.84E-08	7.39E-08	4.32E-08	8.89E-09	5.21E-08
940	625045.39	4265527.96	2.79E-07	9.61E-08	3.75E-07	2.33E-07	7.19E-08	3.05E-07	5.53E-08	1.84E-08	7.37E-08	4.31E-08	8.86E-09	5.20E-08
941	625048.91	4265536.87	2.78E-07	9.58E-08	3.74E-07	2.33E-07	7.17E-08	3.04E-07	5.51E-08	1.83E-08	7.35E-08	4.30E-08	8.84E-09	5.18E-08
942	625052.44	4265545.78	2.77E-07	9.54E-08	3.73E-07	2.32E-07	7.14E-08	3.03E-07	5.49E-08	1.83E-08	7.32E-08	4.28E-08	8.80E-09	5.16E-08
943	625055.97	4265554.69	2.76E-07	9.50E-08	3.71E-07	2.31E-07	7.11E-08	3.02E-07	5.47E-08	1.82E-08	7.29E-08	4.26E-08	8.76E-09	5.14E-08
944	625059.49	4265563.6	2.75E-07	9.45E-08	3.69E-07	2.30E-07	7.07E-08	3.00E-07	5.44E-08	1.81E-08	7.25E-08	4.24E-08	8.72E-09	5.11E-08
945	625063.02	4265572.51	2.73E-07	9.39E-08	3.67E-07	2.28E-07	7.03E-08	2.99E-07	5.41E-08	1.80E-08	7.21E-08	4.21E-08	8.67E-09	5.08E-08
946	625066.55	4265581.42	2.71E-07	9.33E-08	3.65E-07	2.27E-07	6.98E-08	2.97E-07	5.37E-08	1.79E-08	7.16E-08	4.19E-08	8.61E-09	5.05E-08
947	625070.07	4265590.33	2.69E-07	9.26E-08	3.62E-07	2.25E-07	6.93E-08	2.94E-07	5.33E-08	1.77E-08	7.10E-08	4.15E-08	8.54E-09	5.01E-08
948	625073.6	4265599.24	2.67E-07	9.18E-08	3.59E-07	2.23E-07	6.87E-08	2.92E-07	5.28E-08	1.76E-08	7.04E-08	4.12E-08	8.47E-09	4.97E-08
949	625077.12	4265608.15	2.65E-07	9.10E-08	3.56E-07	2.21E-07	6.81E-08	2.89E-07	5.24E-08	1.74E-08	6.98E-08	4.08E-08	8.40E-09	4.92E-08
950	625080.65	4265617.06	2.62E-07	9.01E-08	3.52E-07	2.19E-07	6.74E-08	2.86E-07	5.18E-08	1.73E-08	6.91E-08	4.04E-08	8.31E-09	4.87E-08
951	625084.18	4265625.97	2.59E-07	8.91E-08	3.48E-07	2.17E-07	6.67E-08	2.83E-07	5.13E-08	1.71E-08	6.84E-08	4.00E-08	8.22E-09	4.82E-08
952	625087.7	4265634.88	2.56E-07	8.81E-08	3.44E-07	2.14E-07	6.59E-08	2.80E-07	5.07E-08	1.69E-08	6.76E-08	3.95E-08	8.13E-09	4.77E-08
953	625091.23	4265643.79	2.53E-07	8.70E-08	3.40E-07	2.11E-07	6.51E-08	2.77E-07	5.01E-08	1.67E-08	6.67E-08	3.90E-08	8.03E-09	4.71E-08
954	625094.76	4265652.7	2.50E-07	8.59E-08	3.36E-07	2.09E-07	6.43E-08	2.73E-07	4.94E-08	1.65E-08	6.59E-08	3.85E-08	7.92E-09	4.65E-08
955	625098.28	4265661.61	2.46E-07	8.47E-08	3.31E-07	2.06E-07	6.34E-08	2.69E-07	4.87E-08	1.62E-08	6.50E-08	3.80E-08	7.82E-09	4.58E-08
956	625101.81	4265670.52	2.43E-07	8.35E-08	3.26E-07	2.03E-07	6.25E-08	2.65E-07	4.80E-08	1.60E-08	6.40E-08	3.75E-08	7.70E-09	4.52E-08
957	624858.84	4265425.33	3.61E-07	1.24E-07	4.85E-07	3.01E-07	9.29E-08	3.94E-07	7.14E-08	2.38E-08	9.52E-08	5.57E-08	1.14E-08	6.71E-08
958	624848.93	4265425.2	3.64E-07	1.25E-07	4.90E-07	3.05E-07	9.38E-08	3.98E-07	7.21E-08	2.40E-08	9.61E-08	5.62E-08	1.16E-08	6.78E-08
959	624839.02	4265425.06	3.68E-07	1.27E-07	4.94E-07	3.08E-07	9.47E-08	4.02E-07	7.28E-08	2.42E-08	9.71E-08	5.68E-08	1.17E-08	6.84E-08
960	624829.11	4265424.92	3.71E-07	1.28E-07	4.99E-07	3.10E-07	9.56E-08	4.06E-07	7.35E-08	2.45E-08	9.79E-08	5.73E-08	1.18E-08	6.90E-08
961	624819.2	4265424.78	3.74E-07	1.29E-07	5.03E-07	3.13E-07	9.63E-08	4.09E-07	7.40E-08	2.46E-08	9.87E-08	5.77E-08	1.19E-08	6.96E-08
962	624809.29	4265424.65	3.77E-07	1.30E-07	5.06E-07	3.15E-07	9.70E-08	4.12E-07	7.45E-08	2.48E-08	9.94E-08	5.81E-08	1.20E-08	7.01E-08
963	624799.38	4265424.51	3.79E-07	1.30E-07	5.09E-07	3.17E-07	9.75E-08	4.14E-07	7.50E-08	2.50E-08	9.99E-08	5.84E-08	1.20E-08	7.05E-08
964	624789.47	4265424.37	3.81E-07	1.31E-07	5.11E-07	3.18E-07	9.80E-08	4.16E-07	7.53E-08	2.51E-08	1.00E-07	5.87E-08	1.21E-08	7.08E-08
965	624779.57	4265424.23	3.82E-07	1.31E-07	5.13E-07	3.19E-07	9.83E-08	4.17E-07	7.56E-08	2.52E-08	1.01E-07	5.89E-08	1.21E-08	7.10E-08
966	624769.66	4265424.1	3.83E-07	1.32E-07	5.14E-07	3.20E-07	9.85E-08	4.18E-07	7.57E-08	2.52E-08	1.01E-07	5.90E-08	1.21E-08	7.12E-08
967	624759.75	4265423.96	3.83E-07	1.32E-07	5.15E-07	3.20E-07	9.86E-08	4.19E-07	7.58E-08	2.52E-08	1.01E-07	5.91E-08	1.22E-08	7.13E-08
968	624749.84	4265423.82	3.83E-07	1.32E-07	5.14E-07	3.20E-07	9.86E-08	4.19E-07	7.58E-08	2.52E-08	1.01E-07	5.91E-08	1.21E-08	7.12E-08
969	624739.93	4265423.69	3.82E-07	1.31E-07	5.13E-07	3.19E-07	9.84E-08	4.18E-07	7.56E-08	2.52E-08	1.01E-07	5.90E-08	1.21E-08	7.11E-08
970	624730.02	4265423.55	3.81E-07	1.31E-07	5.12E-07	3.18E-07	9.81E-08	4.16E-07	7.54E-08	2.51E-08	1.00E-07	5.88E-08	1.21E-08	7.09E-08
971	624720.11	4265423.41	3.79E-07	1.30E-07	5.10E-07	3.17E-07	9.77E-08	4.15E-07	7.51E-08	2.50E-08	1.00E-07	5.85E-08	1.20E-08	7.06E-08
972	624710.2	4265423.27	3.78E-07	1.30E-07	5.08E-07	3.16E-07	9.72E-08	4.13E-07	7.47E-08	2.49E-08	9.96E-08	5.83E-08	1.20E-08	7.03E-08
973	624700.3	4265423.14	3.76E-07	1.29E-07	5.05E-07	3.14E-07	9.67E-08	4.11E-07	7.44E-08	2.48E-08	9.91E-08	5.80E-08	1.19E-08	6.99E-08
974	624690.39	4265423	3.73E-07	1.28E-07	5.02E-07	3.12E-07	9.61E-08	4.08E-07	7.39E-08	2.46E-08	9.85E-08	5.76E-08	1.19E-08	6.95E-08
975	624680.48	4265422.86	3.71E-07	1.28E-07	4.98E-07	3.10E-07	9.55E-08	4.05E-07	7.34E-08	2.44E-08	9.78E-08	5.72E-08	1.18E-08	6.90E-08
976	624670.57	4265422.72	3.68E-07	1.27E-07	4.95E-07	3.08E-07	9.47E-08	4.02E-07	7.28E-08	2.42E-08	9.71E-08	5.68E-08	1.17E-08	6.85E-08
977	624660.66	4265422.59	3.65E-07	1.25E-07	4.90E-07	3.05E-07	9.39E-08	3.99E-07	7.22E-08	2.40E-08	9.63E-08	5.63E-08	1.16E-08	6.79E-08
978	624650.75	4265422.45	3.62E-07	1.24E-07	4.86E-07	3.02E-07	9.31E-08	3.95E-07	7.16E-08	2.38E-08	9.54E-08	5.58E-08	1.15E-08	6.73E-08
979	624640.84	4265422.31	3.58E-07	1.23E-07	4.81E-07	2.99E-07	9.22E-08	3.91E-07	7.09E-08	2.36E-08	9.44E-08	5.52E-08	1.14E-08	6.66E-08
980	624630.93	4265422.17	3.54E-07	1.22E-07	4.76E-07	2.96E-07	9.11E-08	3.87E-07	7.01E-08	2.33E-08	9.34E-08	5.46E-08	1.12E-08	6.59E-08
981	624621.03	4265422.04	3.50E-07	1.20E-07	4.70E-07	2.92E-07	9.00E-08	3.82E-07	6.92E-08	2.30E-08	9.23E-08	5.40E-08	1.11E-08	6.51E-08
982	624611.12	4265421.9	3.45E-07	1.19E-07	4.64E-07	2.88E-07	8.89E-08	3.77E-07	6.83E-08	2.27E-08	9.10E-08	5.33E-08	1.10E-08	6.42E-08
983	624601.21	4265421.76	3.40E-07	1.17E-07	4.57E-07	2.84E-07	8.76E-08	3.72E-07	6.73E-08	2.24E-08	8.97E-08	5.25E-08	1.08E-08	6.33E-08
984	624591.3	4265421.62	3.35E-07	1.15E-07	4.50E-07	2.80E-07	8.62E-08	3.66E-07	6.63E-08	2.21E-08	8.83E-08	5.17E-08	1.06E-08	6.23E-08
985	624581.39	4265421.49	3.29E-07	1.13E-07	4.42E-07	2.75E-07	8.47E-08	3.60E-07	6.51E-08	2.17E-08	8.68E-08	5.08E-08	1.04E-08	6.12E-08
986	624571.48	4265421.35	3.23E-07	1.11E-07	4.34E-07	2.70E-07	8.32E-08	3.53E-07	6.40E-08	2.13E-08	8.53E-08	4.99E-08	1.03E-08	6.01E-08
987	624561.57	4265421.21	3.17E-07	1.09E-07	4.26E-07	2.65E-07	8.16E-08	3.47E-07	6.28E-08	2.09E-08	8.37E-08	4.89E-08	1.01E-08	5.90E-08
988	624551.66	4265421.07	3.11E-07	1.07E-07	4.17E-07	2.60E-07	8.00E-08	3.40E-07	6.15E-08	2.05E-08	8.20E-08	4.79E-08	9.86E-09	5.78E-08
989	624541.75	4265420.94	3.04E-07	1.05E-07	4.09E-07	2.54E-07	7.83E-08	3.32E-07	6.02E-08	2.00E-08	8.02E-08	4.69E-08	9.65E-09	5.66E-08
990	624531.85	4265420.8	2.97E-07	1.02E-07	4.00E-07	2.48E-07	7.65E-08	3.25E-07	5.88E-08	1.96E-08	7.84E-08	4.59E-08	9.43E-09	5.53E-08
991	624521.94	4265420.66	2.91E-07	9.99E-08	3.91E-07	2.43E-07	7.48E-08	3.18E-07	5.75E-08	1.91E-08	7.67E-08	4.48E-08	9.22E-09	5.41E-08
992	624512.03	4265420.53	2.84E-07	9.76E-08	3.82E-07	2.37E-07	7.31E-08	3.10E-07	5.62E-08	1.87E-08	7.49E-08	4.38E-08	9.01E-09	5.28E-08
993	624502.12	4265420.39	2.77E-07	9.54E-08	3.73E-07	2.32E-07	7.14E-08	3.03E-07	5.49E-08	1.83E-08	7.32E-08	4.28E-08	8.80E-09	5.16E-08
994	624492.21	4265420.25	2.71E-07	9.31E-08	3.64E-07	2.26E-07	6.97E-08	2.96E-07	5.36E-08	1.78E-08	7.14E-08	4.18E-08	8.59E-09	5.04E-08
995	624482.3	4265420.11	2.64E-07	9.08E-08	3.55E-07	2.21E-07	6.80E-08	2.89E-07	5.23E-08	1.74E-08	6.97E-08	4.08E-08	8.38E-09	4.91E-08
996	624472.39	4265419.98	2.58E-07	8.87E-08	3.46E-07	2.16E-07	6.64E-08	2.82E-07	5.10E-08	1.70E-08	6.80E-08	3.98E-08	8.18E-09	4.80E-08
997	624462.48	4265419.84	2.52E-07	8.65E-08	3.38E-07	2.10E-07	6.48E-08	2.75E-07	4.98E-08	1.66E-08	6.64E-08	3.88E-08	7.99E-09	4.68E-08
998	624452.58	4265419.7	2.46E-07	8.45E-08	3.30E-07	2.05E-07	6.32E-08	2.69E-07	4.86E-08	1.62E-08	6.48E-08	3.79E-08	7.80E-09	4.57E-08
999	624442.67	4265419.56	2.40E-07	8.25E-08	3.22E-07	2.00E-07	6.17E-08	2.62E-07	4.75E-08	1.58E-08	6.33E-08	3.70E-08	7.61E-09	4.46E-08
1000	624432.76	4265419.43	2.34E-07	8.05E-08	3.15E-07	1.96E-07	6.03E-08	2.56E-07	4.64E-08	1.54E-08	6.18E-08	3.61E-08	7.43E-09	4.36E-08
1001	624422.85	4265419.29	2.29E-07	7.86E-08	3.07E-07	1.91E-07	5.89E-08	2.50E-07	4.53E-08	1.51E-08	6.03E-08	3.53E-08	7.26E-09	4.25E-08
1002	624412.94	4265419.15	2.23E-07	7.67E-08	3.00E-07	1.87E-07	5.75E-08	2.44E-07	4.42E-08	1.47E-08	5.89E-08	3.44E-08	7.08E-09	4.15E-08
1003	624403.03	4265419.01	2.18E-07	7.49E-08	2.93E-07	1.82E-07	5.61E-08	2.38E-07	4.31E-08	1.44E-08	5.75E-08	3.36E-08	6.91E-09	4.05E-08
1004	624393.12	4265418.88	2.13E-07	7.31E-08	2.86E-07	1.78E-07	5.47E-08	2.32E-07	4.21E-08	1.40E-08	5.61E-08	3.28E-08	6.75E-09	3.95E-08

1005	624383.21	4265418.74	2.07E-07	7.13E-08	2.79E-07	1.73E-07	5.34E-08	2.27E-07	4.11E-08	1.37E-08	5.47E-08	3.20E-08	6.58E-09	3.86E-08
1006	624373.31	4265418.6	2.02E-07	6.96E-08	2.72E-07	1.69E-07	5.21E-08	2.21E-07	4.01E-08	1.33E-08	5.34E-08	3.12E-08	6.42E-09	3.76E-08
1007	624363.4	4265418.46	1.97E-07	6.79E-08	2.65E-07	1.65E-07	5.08E-08	2.16E-07	3.91E-08	1.30E-08	5.21E-08	3.05E-08	6.27E-09	3.67E-08
1008	624867.98	4265404.13	3.35E-07	1.15E-07	4.50E-07	2.80E-07	8.62E-08	3.66E-07	6.63E-08	2.21E-08	8.84E-08	5.17E-08	1.06E-08	6.23E-08
1009	624876.78	4265407.93	3.36E-07	1.15E-07	4.51E-07	2.80E-07	8.64E-08	3.67E-07	6.64E-08	2.21E-08	8.85E-08	5.18E-08	1.06E-08	6.24E-08
1010	624885.58	4265411.72	3.36E-07	1.15E-07	4.51E-07	2.81E-07	8.64E-08	3.67E-07	6.64E-08	2.21E-08	8.86E-08	5.18E-08	1.07E-08	6.25E-08
1011	624894.38	4265415.52	3.36E-07	1.15E-07	4.51E-07	2.80E-07	8.64E-08	3.67E-07	6.64E-08	2.21E-08	8.85E-08	5.18E-08	1.06E-08	6.24E-08
1012	624903.18	4265419.31	3.35E-07	1.15E-07	4.50E-07	2.80E-07	8.62E-08	3.66E-07	6.63E-08	2.21E-08	8.83E-08	5.17E-08	1.06E-08	6.23E-08
1013	624911.97	4265423.11	3.34E-07	1.15E-07	4.48E-07	2.79E-07	8.59E-08	3.65E-07	6.61E-08	2.20E-08	8.80E-08	5.15E-08	1.06E-08	6.21E-08
1014	624920.77	4265426.9	3.32E-07	1.14E-07	4.46E-07	2.78E-07	8.55E-08	3.63E-07	6.57E-08	2.19E-08	8.76E-08	5.12E-08	1.05E-08	6.18E-08
1015	624929.57	4265430.7	3.30E-07	1.13E-07	4.43E-07	2.76E-07	8.50E-08	3.61E-07	6.53E-08	2.17E-08	8.71E-08	5.09E-08	1.05E-08	6.14E-08
1016	624938.37	4265434.49	3.27E-07	1.13E-07	4.40E-07	2.74E-07	8.43E-08	3.58E-07	6.48E-08	2.16E-08	8.64E-08	5.05E-08	1.04E-08	6.09E-08
1017	624947.17	4265438.29	3.24E-07	1.11E-07	4.36E-07	2.71E-07	8.35E-08	3.54E-07	6.42E-08	2.14E-08	8.55E-08	5.00E-08	1.03E-08	6.03E-08
1018	624955.97	4265442.08	3.20E-07	1.10E-07	4.31E-07	2.68E-07	8.25E-08	3.50E-07	6.34E-08	2.11E-08	8.45E-08	4.95E-08	1.02E-08	5.96E-08
1019	624964.77	4265445.88	3.16E-07	1.09E-07	4.25E-07	2.64E-07	8.14E-08	3.46E-07	6.26E-08	2.08E-08	8.34E-08	4.88E-08	1.00E-08	5.88E-08
1020	624973.56	4265449.67	3.12E-07	1.07E-07	4.19E-07	2.61E-07	8.02E-08	3.41E-07	6.17E-08	2.05E-08	8.22E-08	4.81E-08	9.89E-09	5.80E-08
1021	624982.36	4265453.47	3.07E-07	1.05E-07	4.12E-07	2.56E-07	7.90E-08	3.35E-07	6.07E-08	2.02E-08	8.09E-08	4.73E-08	9.73E-09	5.70E-08
1022	624991.16	4265457.26	3.01E-07	1.04E-07	4.05E-07	2.52E-07	7.76E-08	3.29E-07	5.96E-08	1.98E-08	7.95E-08	4.65E-08	9.56E-09	5.60E-08
1023	624999.96	4265461.06	2.96E-07	1.02E-07	3.97E-07	2.47E-07	7.61E-08	3.23E-07	5.85E-08	1.95E-08	7.80E-08	4.56E-08	9.38E-09	5.50E-08
1024	625008.76	4265464.85	2.90E-07	9.96E-08	3.89E-07	2.42E-07	7.46E-08	3.17E-07	5.73E-08	1.91E-08	7.64E-08	4.47E-08	9.19E-09	5.39E-08
1025	625017.56	4265468.65	2.84E-07	9.76E-08	3.81E-07	2.37E-07	7.30E-08	3.10E-07	5.62E-08	1.87E-08	7.48E-08	4.38E-08	9.00E-09	5.28E-08
1026	625026.36	4265472.44	2.78E-07	9.54E-08	3.73E-07	2.32E-07	7.15E-08	3.03E-07	5.49E-08	1.83E-08	7.32E-08	4.28E-08	8.81E-09	5.16E-08
1027	625035.15	4265476.24	2.71E-07	9.33E-08	3.65E-07	2.27E-07	6.99E-08	2.97E-07	5.37E-08	1.79E-08	7.16E-08	4.19E-08	8.61E-09	5.05E-08
1028	625043.95	4265480.03	2.65E-07	9.12E-08	3.56E-07	2.22E-07	6.82E-08	2.90E-07	5.25E-08	1.75E-08	6.99E-08	4.09E-08	8.41E-09	4.93E-08
1029	625056.28	4265492.74	2.59E-07	8.89E-08	3.47E-07	2.16E-07	6.66E-08	2.83E-07	5.12E-08	1.70E-08	6.82E-08	3.99E-08	8.20E-09	4.81E-08
1030	625059.8	4265501.65	2.58E-07	8.87E-08	3.47E-07	2.16E-07	6.64E-08	2.82E-07	5.11E-08	1.70E-08	6.81E-08	3.98E-08	8.19E-09	4.80E-08
1031	625063.33	4265510.56	2.57E-07	8.85E-08	3.46E-07	2.15E-07	6.63E-08	2.81E-07	5.10E-08	1.70E-08	6.79E-08	3.97E-08	8.17E-09	4.79E-08
1032	625066.86	4265519.46	2.57E-07	8.83E-08	3.45E-07	2.15E-07	6.61E-08	2.81E-07	5.08E-08	1.69E-08	6.77E-08	3.96E-08	8.14E-09	4.77E-08
1033	625070.38	4265528.37	2.56E-07	8.79E-08	3.44E-07	2.14E-07	6.58E-08	2.80E-07	5.06E-08	1.68E-08	6.75E-08	3.95E-08	8.11E-09	4.76E-08
1034	625073.91	4265537.28	2.55E-07	8.75E-08	3.42E-07	2.13E-07	6.55E-08	2.78E-07	5.04E-08	1.68E-08	6.72E-08	3.93E-08	8.08E-09	4.74E-08
1035	625077.44	4265546.19	2.53E-07	8.71E-08	3.40E-07	2.12E-07	6.52E-08	2.77E-07	5.01E-08	1.67E-08	6.68E-08	3.91E-08	8.04E-09	4.71E-08
1036	625080.96	4265555.1	2.52E-07	8.66E-08	3.39E-07	2.11E-07	6.49E-08	2.75E-07	4.99E-08	1.66E-08	6.65E-08	3.89E-08	7.99E-09	4.69E-08
1037	625084.49	4265564.01	2.50E-07	8.61E-08	3.36E-07	2.09E-07	6.45E-08	2.74E-07	4.96E-08	1.65E-08	6.60E-08	3.86E-08	7.94E-09	4.66E-08
1038	625088.02	4265572.92	2.49E-07	8.55E-08	3.34E-07	2.08E-07	6.40E-08	2.72E-07	4.92E-08	1.64E-08	6.56E-08	3.84E-08	7.89E-09	4.62E-08
1039	625091.54	4265581.83	2.47E-07	8.48E-08	3.32E-07	2.06E-07	6.35E-08	2.70E-07	4.88E-08	1.63E-08	6.51E-08	3.81E-08	7.83E-09	4.59E-08
1040	625095.07	4265590.74	2.45E-07	8.41E-08	3.29E-07	2.04E-07	6.30E-08	2.67E-07	4.84E-08	1.61E-08	6.45E-08	3.78E-08	7.76E-09	4.55E-08
1041	625098.59	4265599.65	2.42E-07	8.34E-08	3.26E-07	2.03E-07	6.24E-08	2.65E-07	4.80E-08	1.60E-08	6.40E-08	3.74E-08	7.69E-09	4.51E-08
1042	625102.12	4265608.56	2.40E-07	8.26E-08	3.23E-07	2.01E-07	6.18E-08	2.62E-07	4.75E-08	1.58E-08	6.33E-08	3.70E-08	7.62E-09	4.47E-08
1043	625105.65	4265617.47	2.38E-07	8.17E-08	3.19E-07	1.99E-07	6.12E-08	2.60E-07	4.70E-08	1.57E-08	6.27E-08	3.67E-08	7.54E-09	4.42E-08
1044	625109.17	4265626.38	2.35E-07	8.08E-08	3.16E-07	1.96E-07	6.05E-08	2.57E-07	4.65E-08	1.55E-08	6.20E-08	3.63E-08	7.46E-09	4.37E-08
1045	625112.7	4265635.29	2.32E-07	7.98E-08	3.12E-07	1.94E-07	5.98E-08	2.54E-07	4.60E-08	1.53E-08	6.13E-08	3.58E-08	7.37E-09	4.32E-08
1046	625116.23	4265644.2	2.29E-07	7.88E-08	3.08E-07	1.92E-07	5.90E-08	2.51E-07	4.54E-08	1.51E-08	6.05E-08	3.54E-08	7.28E-09	4.27E-08
1047	625119.75	4265653.11	2.26E-07	7.78E-08	3.04E-07	1.89E-07	5.83E-08	2.47E-07	4.48E-08	1.49E-08	5.97E-08	3.49E-08	7.18E-09	4.21E-08
1048	625123.28	4265662.02	2.23E-07	7.67E-08	3.00E-07	1.87E-07	5.75E-08	2.44E-07	4.42E-08	1.47E-08	5.89E-08	3.44E-08	7.08E-09	4.15E-08
1049	625126.81	4265670.93	2.20E-07	7.57E-08	2.96E-07	1.84E-07	5.66E-08	2.41E-07	4.35E-08	1.45E-08	5.80E-08	3.39E-08	6.98E-09	4.09E-08
1050	624859.18	4265400.34	3.34E-07	1.15E-07	4.49E-07	2.79E-07	8.61E-08	3.65E-07	6.62E-08	2.20E-08	8.82E-08	5.16E-08	1.06E-08	6.22E-08
1051	624849.27	4265400.2	3.37E-07	1.16E-07	4.53E-07	2.82E-07	8.68E-08	3.69E-07	6.68E-08	2.22E-08	8.90E-08	5.20E-08	1.07E-08	6.27E-08
1052	624839.37	4265400.06	3.40E-07	1.17E-07	4.57E-07	2.84E-07	8.75E-08	3.72E-07	6.73E-08	2.24E-08	8.97E-08	5.25E-08	1.08E-08	6.33E-08
1053	624829.46	4265399.92	3.43E-07	1.18E-07	4.60E-07	2.86E-07	8.82E-08	3.75E-07	6.78E-08	2.26E-08	9.04E-08	5.29E-08	1.09E-08	6.37E-08
1054	624819.55	4265399.79	3.45E-07	1.19E-07	4.64E-07	2.88E-07	8.88E-08	3.77E-07	6.83E-08	2.27E-08	9.10E-08	5.32E-08	1.09E-08	6.42E-08
1055	624809.64	4265399.65	3.47E-07	1.19E-07	4.66E-07	2.90E-07	8.93E-08	3.79E-07	6.87E-08	2.29E-08	9.15E-08	5.35E-08	1.10E-08	6.45E-08
1056	624799.73	4265399.51	3.49E-07	1.20E-07	4.68E-07	2.91E-07	8.97E-08	3.81E-07	6.90E-08	2.30E-08	9.20E-08	5.38E-08	1.11E-08	6.48E-08
1057	624789.82	4265399.37	3.50E-07	1.20E-07	4.70E-07	2.92E-07	9.01E-08	3.82E-07	6.92E-08	2.30E-08	9.23E-08	5.40E-08	1.11E-08	6.51E-08
1058	624779.91	4265399.24	3.51E-07	1.21E-07	4.71E-07	2.93E-07	9.03E-08	3.83E-07	6.94E-08	2.31E-08	9.25E-08	5.41E-08	1.11E-08	6.52E-08
1059	624770	4265399.1	3.51E-07	1.21E-07	4.72E-07	2.93E-07	9.04E-08	3.84E-07	6.95E-08	2.31E-08	9.26E-08	5.42E-08	1.11E-08	6.53E-08
1060	624760.09	4265398.96	3.51E-07	1.21E-07	4.72E-07	2.93E-07	9.04E-08	3.84E-07	6.95E-08	2.31E-08	9.26E-08	5.42E-08	1.11E-08	6.53E-08
1061	624750.19	4265398.83	3.51E-07	1.21E-07	4.71E-07	2.93E-07	9.02E-08	3.83E-07	6.94E-08	2.31E-08	9.25E-08	5.41E-08	1.11E-08	6.52E-08
1062	624740.28	4265398.69	3.50E-07	1.20E-07	4.70E-07	2.92E-07	9.00E-08	3.82E-07	6.92E-08	2.30E-08	9.22E-08	5.39E-08	1.11E-08	6.50E-08
1063	624730.37	4265398.55	3.48E-07	1.20E-07	4.68E-07	2.91E-07	8.96E-08	3.80E-07	6.89E-08	2.29E-08	9.18E-08	5.37E-08	1.10E-08	6.47E-08
1064	624720.46	4265398.41	3.46E-07	1.19E-07	4.65E-07	2.89E-07	8.91E-08	3.79E-07	6.85E-08	2.28E-08	9.13E-08	5.34E-08	1.10E-08	6.44E-08
1065	624710.55	4265398.28	3.44E-07	1.18E-07	4.63E-07	2.88E-07	8.86E-08	3.76E-07	6.81E-08	2.27E-08	9.08E-08	5.31E-08	1.09E-08	6.40E-08
1066	624700.64	4265398.14	3.42E-07	1.18E-07	4.60E-07	2.86E-07	8.80E-08	3.74E-07	6.77E-08	2.25E-08	9.02E-08	5.28E-08	1.09E-08	6.36E-08
1067	624690.73	4265398	3.39E-07	1.17E-07	4.56E-07	2.84E-07	8.74E-08	3.71E-07	6.72E-08	2.24E-08	8.96E-08	5.24E-08	1.08E-08	6.31E-08
1068	624680.82	4265397.86	3.37E-07	1.16E-07	4.52E-07	2.81E-07	8.67E-08	3.68E-07	6.66E-08	2.22E-08	8.88E-08	5.20E-08	1.07E-08	6.26E-08
1069	624670.92	4265397.73	3.34E-07	1.15E-07	4.48E-07	2.79E-07	8.59E-08	3.65E-07	6.61E-08	2.20E-08	8.80E-08	5.15E-08	1.06E-08	6.21E-08
1070	624661.01	4265397.59	3.31E-07	1.14E-07	4.44E-07	2.76E-07	8.51E-08	3.61E-07	6.54E-08	2.18E-08	8.72E-08	5.10E-08	1.05E-08	6.15E-08
1071	624651.1	4265397.45	3.27E-07	1.13E-07	4.40E-07	2.73E-07	8.42E-08	3.58E-07	6.48E-08	2.16E-08	8.63E-08	5.05E-08	1.04E-08	6.09E-08
1072	624641.19	4265397.31	3.24E-07	1.11E-07	4.35E-07	2.70E-07	8.33E-08	3.54E-07	6.41E-08	2.13E-08	8.54E-08	4.99E-08	1.03E-08	6.02E-08
1073	624631.28	4265397.18	3.20E-07	1.10E-07	4.30E-07	2.67E-07	8.23E-08	3.50E-07	6.33E-08	2.11E-08	8.44E-08	4.93E-08	1.01E-08	5.95E-08
1074	624621.37	4265397.04	3.16E-07	1.09E-07	4.24E-07	2.64E-07	8.13E-08	3.45E-07	6.25E-08	2.08E-08	8.33E-08	4.87E-08	1.00E-08	5.87E-08
1075	624611.46	4265396.9	3.11E-07	1.07E-07	4.18E-07	2.60E-07	8.02E-08	3.40E-07	6.16E-08	2.05E-08	8.22E-08	4.81E-08	9.88E-09	5.79E-08
1076	624601.55	4265396.76	3.07E-07	1.06E-07	4.12E-07	2.56E-07	7.90E-08	3.35E-07	6.07E-08	2.02E-08	8.09E-08	4.73E-08	9.74E-09	5.71E-08

1077	624591.65	4265396.63	3.02E-07	1.04E-07	4.06E-07	2.52E-07	7.78E-08	3.30E-07	5.98E-08	1.99E-08	7.97E-08	4.66E-08	9.58E-09	5.62E-08
1078	624581.74	4265396.49	2.97E-07	1.02E-07	3.99E-07	2.48E-07	7.65E-08	3.25E-07	5.88E-08	1.96E-08	7.83E-08	4.58E-08	9.42E-09	5.52E-08
1079	624571.83	4265396.35	2.92E-07	1.00E-07	3.92E-07	2.44E-07	7.51E-08	3.19E-07	5.77E-08	1.92E-08	7.70E-08	4.50E-08	9.26E-09	5.43E-08
1080	624561.92	4265396.21	2.86E-07	9.85E-08	3.85E-07	2.39E-07	7.37E-08	3.13E-07	5.67E-08	1.89E-08	7.55E-08	4.42E-08	9.09E-09	5.33E-08
1081	624552.01	4265396.08	2.81E-07	9.65E-08	3.77E-07	2.35E-07	7.23E-08	3.07E-07	5.56E-08	1.85E-08	7.41E-08	4.33E-08	8.91E-09	5.22E-08
1082	624542.1	4265395.94	2.75E-07	9.46E-08	3.70E-07	2.30E-07	7.08E-08	3.01E-07	5.44E-08	1.81E-08	7.25E-08	4.24E-08	8.73E-09	5.12E-08
1083	624532.19	4265395.8	2.69E-07	9.26E-08	3.62E-07	2.25E-07	6.93E-08	2.94E-07	5.33E-08	1.77E-08	7.10E-08	4.15E-08	8.54E-09	5.01E-08
1084	624522.28	4265395.66	2.64E-07	9.06E-08	3.54E-07	2.20E-07	6.79E-08	2.88E-07	5.22E-08	1.74E-08	6.95E-08	4.07E-08	8.36E-09	4.90E-08
1085	624512.37	4265395.53	2.58E-07	8.87E-08	3.47E-07	2.16E-07	6.64E-08	2.82E-07	5.11E-08	1.70E-08	6.80E-08	3.98E-08	8.19E-09	4.80E-08
1086	624502.47	4265395.39	2.52E-07	8.68E-08	3.39E-07	2.11E-07	6.50E-08	2.76E-07	4.99E-08	1.66E-08	6.66E-08	3.89E-08	8.01E-09	4.69E-08
1087	624492.56	4265395.25	2.47E-07	8.49E-08	3.32E-07	2.06E-07	6.35E-08	2.70E-07	4.89E-08	1.63E-08	6.51E-08	3.81E-08	7.83E-09	4.59E-08
1088	624482.65	4265395.12	2.41E-07	8.30E-08	3.24E-07	2.02E-07	6.21E-08	2.64E-07	4.78E-08	1.59E-08	6.37E-08	3.72E-08	7.66E-09	4.49E-08
1089	624472.74	4265394.98	2.36E-07	8.12E-08	3.17E-07	1.97E-07	6.08E-08	2.58E-07	4.67E-08	1.56E-08	6.23E-08	3.64E-08	7.49E-09	4.39E-08
1090	624462.83	4265394.84	2.31E-07	7.94E-08	3.10E-07	1.93E-07	5.95E-08	2.52E-07	4.57E-08	1.52E-08	6.09E-08	3.56E-08	7.33E-09	4.30E-08
1091	624452.92	4265394.7	2.26E-07	7.77E-08	3.04E-07	1.89E-07	5.82E-08	2.47E-07	4.47E-08	1.49E-08	5.96E-08	3.49E-08	7.17E-09	4.20E-08
1092	624443.01	4265394.57	2.21E-07	7.60E-08	2.97E-07	1.85E-07	5.69E-08	2.42E-07	4.37E-08	1.46E-08	5.83E-08	3.41E-08	7.01E-09	4.11E-08
1093	624433.1	4265394.43	2.16E-07	7.44E-08	2.91E-07	1.81E-07	5.57E-08	2.36E-07	4.28E-08	1.42E-08	5.70E-08	3.34E-08	6.86E-09	4.02E-08
1094	624423.2	4265394.29	2.12E-07	7.27E-08	2.84E-07	1.77E-07	5.45E-08	2.31E-07	4.19E-08	1.39E-08	5.58E-08	3.26E-08	6.71E-09	3.94E-08
1095	624413.29	4265394.15	2.07E-07	7.11E-08	2.78E-07	1.73E-07	5.33E-08	2.26E-07	4.09E-08	1.36E-08	5.46E-08	3.19E-08	6.57E-09	3.85E-08
1096	624403.38	4265394.02	2.02E-07	6.96E-08	2.72E-07	1.69E-07	5.21E-08	2.21E-07	4.00E-08	1.33E-08	5.34E-08	3.12E-08	6.42E-09	3.76E-08
1097	624393.47	4265393.88	1.98E-07	6.80E-08	2.66E-07	1.65E-07	5.09E-08	2.16E-07	3.91E-08	1.30E-08	5.22E-08	3.05E-08	6.28E-09	3.68E-08
1098	624383.56	4265393.74	1.93E-07	6.65E-08	2.60E-07	1.62E-07	4.98E-08	2.11E-07	3.83E-08	1.27E-08	5.10E-08	2.98E-08	6.13E-09	3.60E-08
1099	624373.65	4265393.6	1.89E-07	6.50E-08	2.54E-07	1.58E-07	4.86E-08	2.07E-07	3.74E-08	1.24E-08	4.98E-08	2.92E-08	6.00E-09	3.51E-08
1100	624363.74	4265393.47	1.85E-07	6.35E-08	2.48E-07	1.54E-07	4.75E-08	2.02E-07	3.65E-08	1.22E-08	4.87E-08	2.85E-08	5.86E-09	3.44E-08
1101	624868.33	4265379.13	3.12E-07	1.07E-07	4.19E-07	2.60E-07	8.02E-08	3.41E-07	6.17E-08	2.05E-08	8.22E-08	4.81E-08	9.89E-09	5.80E-08
1102	624877.13	4265382.93	3.12E-07	1.07E-07	4.20E-07	2.61E-07	8.04E-08	3.41E-07	6.18E-08	2.06E-08	8.24E-08	4.82E-08	9.91E-09	5.81E-08
1103	624885.93	4265386.72	3.13E-07	1.08E-07	4.20E-07	2.61E-07	8.05E-08	3.42E-07	6.19E-08	2.06E-08	8.25E-08	4.83E-08	9.93E-09	5.82E-08
1104	624894.72	4265390.52	3.13E-07	1.08E-07	4.21E-07	2.62E-07	8.06E-08	3.42E-07	6.19E-08	2.06E-08	8.26E-08	4.83E-08	9.93E-09	5.82E-08
1105	624903.52	4265394.31	3.13E-07	1.08E-07	4.20E-07	2.61E-07	8.05E-08	3.42E-07	6.19E-08	2.06E-08	8.25E-08	4.83E-08	9.92E-09	5.82E-08
1106	624912.32	4265398.11	3.12E-07	1.07E-07	4.19E-07	2.61E-07	8.04E-08	3.41E-07	6.18E-08	2.06E-08	8.23E-08	4.82E-08	9.91E-09	5.81E-08
1107	624921.12	4265401.9	3.11E-07	1.07E-07	4.18E-07	2.60E-07	8.01E-08	3.40E-07	6.16E-08	2.05E-08	8.21E-08	4.80E-08	9.87E-09	5.79E-08
1108	624929.92	4265405.7	3.10E-07	1.07E-07	4.16E-07	2.59E-07	7.97E-08	3.39E-07	6.13E-08	2.04E-08	8.17E-08	4.78E-08	9.83E-09	5.76E-08
1109	624938.72	4265409.49	3.08E-07	1.06E-07	4.14E-07	2.57E-07	7.93E-08	3.37E-07	6.09E-08	2.03E-08	8.12E-08	4.75E-08	9.77E-09	5.73E-08
1110	624947.51	4265413.29	3.06E-07	1.05E-07	4.11E-07	2.55E-07	7.87E-08	3.34E-07	6.05E-08	2.01E-08	8.06E-08	4.72E-08	9.70E-09	5.69E-08
1111	624956.31	4265417.08	3.03E-07	1.04E-07	4.07E-07	2.53E-07	7.80E-08	3.31E-07	5.99E-08	2.00E-08	7.99E-08	4.67E-08	9.61E-09	5.63E-08
1112	624965.11	4265420.88	3.00E-07	1.03E-07	4.03E-07	2.50E-07	7.71E-08	3.28E-07	5.93E-08	1.97E-08	7.91E-08	4.62E-08	9.51E-09	5.57E-08
1113	624973.91	4265424.67	2.96E-07	1.02E-07	3.98E-07	2.47E-07	7.62E-08	3.24E-07	5.86E-08	1.95E-08	7.81E-08	4.57E-08	9.39E-09	5.51E-08
1114	624982.71	4265428.47	2.92E-07	1.00E-07	3.92E-07	2.44E-07	7.52E-08	3.19E-07	5.78E-08	1.92E-08	7.70E-08	4.51E-08	9.27E-09	5.43E-08
1115	624991.51	4265432.26	2.88E-07	9.89E-08	3.86E-07	2.40E-07	7.40E-08	3.14E-07	5.69E-08	1.89E-08	7.59E-08	4.44E-08	9.13E-09	5.35E-08
1116	625000.31	4265436.06	2.83E-07	9.73E-08	3.80E-07	2.36E-07	7.28E-08	3.09E-07	5.60E-08	1.86E-08	7.46E-08	4.36E-08	8.98E-09	5.26E-08
1117	625009.1	4265439.85	2.78E-07	9.56E-08	3.73E-07	2.32E-07	7.16E-08	3.04E-07	5.50E-08	1.83E-08	7.33E-08	4.29E-08	8.82E-09	5.17E-08
1118	625017.9	4265443.65	2.73E-07	9.38E-08	3.67E-07	2.28E-07	7.02E-08	2.98E-07	5.40E-08	1.80E-08	7.20E-08	4.21E-08	8.66E-09	5.07E-08
1119	625026.7	4265447.44	2.67E-07	9.19E-08	3.59E-07	2.23E-07	6.88E-08	2.92E-07	5.29E-08	1.76E-08	7.05E-08	4.13E-08	8.49E-09	4.97E-08
1120	625035.5	4265451.24	2.62E-07	9.01E-08	3.52E-07	2.19E-07	6.74E-08	2.86E-07	5.18E-08	1.73E-08	6.91E-08	4.04E-08	8.31E-09	4.87E-08
1121	625044.3	4265455.03	2.56E-07	8.82E-08	3.45E-07	2.14E-07	6.60E-08	2.80E-07	5.07E-08	1.69E-08	6.76E-08	3.96E-08	8.14E-09	4.77E-08
1122	625053.1	4265458.83	2.51E-07	8.62E-08	3.37E-07	2.10E-07	6.46E-08	2.74E-07	4.96E-08	1.65E-08	6.62E-08	3.87E-08	7.96E-09	4.67E-08
1123	625061.9	4265462.62	2.45E-07	8.43E-08	3.30E-07	2.05E-07	6.31E-08	2.68E-07	4.85E-08	1.62E-08	6.47E-08	3.78E-08	7.78E-09	4.56E-08
1124	625074.22	4265475.33	2.39E-07	8.23E-08	3.22E-07	2.00E-07	6.16E-08	2.62E-07	4.74E-08	1.58E-08	6.31E-08	3.69E-08	7.59E-09	4.45E-08
1125	625077.75	4265484.24	2.39E-07	8.21E-08	3.21E-07	2.00E-07	6.15E-08	2.61E-07	4.73E-08	1.57E-08	6.30E-08	3.68E-08	7.58E-09	4.44E-08
1126	625081.27	4265493.15	2.38E-07	8.19E-08	3.20E-07	1.99E-07	6.13E-08	2.60E-07	4.72E-08	1.57E-08	6.28E-08	3.68E-08	7.56E-09	4.43E-08
1127	625084.8	4265502.06	2.37E-07	8.17E-08	3.19E-07	1.98E-07	6.11E-08	2.60E-07	4.70E-08	1.56E-08	6.27E-08	3.66E-08	7.54E-09	4.42E-08
1128	625088.33	4265510.97	2.37E-07	8.14E-08	3.18E-07	1.98E-07	6.09E-08	2.59E-07	4.68E-08	1.56E-08	6.24E-08	3.65E-08	7.51E-09	4.40E-08
1129	625091.85	4265519.88	2.36E-07	8.10E-08	3.17E-07	1.97E-07	6.07E-08	2.58E-07	4.66E-08	1.55E-08	6.22E-08	3.64E-08	7.48E-09	4.38E-08
1130	625095.38	4265528.79	2.35E-07	8.06E-08	3.15E-07	1.96E-07	6.04E-08	2.56E-07	4.64E-08	1.55E-08	6.19E-08	3.62E-08	7.44E-09	4.36E-08
1131	625098.91	4265537.7	2.33E-07	8.02E-08	3.13E-07	1.95E-07	6.01E-08	2.55E-07	4.62E-08	1.54E-08	6.15E-08	3.60E-08	7.40E-09	4.34E-08
1132	625102.43	4265546.61	2.32E-07	7.97E-08	3.12E-07	1.94E-07	5.97E-08	2.54E-07	4.59E-08	1.53E-08	6.12E-08	3.58E-08	7.36E-09	4.31E-08
1133	625105.96	4265555.51	2.30E-07	7.92E-08	3.10E-07	1.93E-07	5.93E-08	2.52E-07	4.56E-08	1.52E-08	6.08E-08	3.56E-08	7.31E-09	4.29E-08
1134	625109.49	4265564.42	2.29E-07	7.87E-08	3.08E-07	1.91E-07	5.89E-08	2.50E-07	4.53E-08	1.51E-08	6.04E-08	3.53E-08	7.26E-09	4.26E-08
1135	625113.01	4265573.33	2.27E-07	7.81E-08	3.05E-07	1.90E-07	5.85E-08	2.48E-07	4.49E-08	1.50E-08	5.99E-08	3.50E-08	7.21E-09	4.22E-08
1136	625116.54	4265582.24	2.25E-07	7.74E-08	3.03E-07	1.88E-07	5.80E-08	2.46E-07	4.46E-08	1.48E-08	5.94E-08	3.47E-08	7.15E-09	4.19E-08
1137	625120.06	4265591.15	2.23E-07	7.67E-08	3.00E-07	1.87E-07	5.75E-08	2.44E-07	4.42E-08	1.47E-08	5.89E-08	3.44E-08	7.08E-09	4.15E-08
1138	625123.59	4265600.06	2.21E-07	7.60E-08	2.97E-07	1.85E-07	5.69E-08	2.42E-07	4.38E-08	1.46E-08	5.83E-08	3.41E-08	7.02E-09	4.11E-08
1139	625127.12	4265608.97	2.19E-07	7.52E-08	2.94E-07	1.83E-07	5.63E-08	2.39E-07	4.33E-08	1.44E-08	5.77E-08	3.38E-08	6.94E-09	4.07E-08
1140	625130.64	4265617.88	2.17E-07	7.44E-08	2.91E-07	1.81E-07	5.57E-08	2.37E-07	4.29E-08	1.43E-08	5.71E-08	3.34E-08	6.87E-09	4.03E-08
1141	625134.17	4265626.79	2.14E-07	7.36E-08	2.88E-07	1.79E-07	5.51E-08	2.34E-07	4.24E-08	1.41E-08	5.65E-08	3.30E-08	6.79E-09	3.98E-08
1142	625137.7	4265635.7	2.12E-07	7.27E-08	2.84E-07	1.77E-07	5.45E-08	2.31E-07	4.19E-08	1.39E-08	5.58E-08	3.26E-08	6.71E-09	3.94E-08
1143	625141.22	4265644.61	2.09E-07	7.18E-08	2.81E-07	1.75E-07	5.38E-08	2.28E-07	4.14E-08	1.38E-08	5.51E-08	3.22E-08	6.63E-09	3.89E-08
1144	625144.75	4265653.52	2.06E-07	7.09E-08	2.77E-07	1.72E-07	5.31E-08	2.25E-07	4.08E-08	1.36E-08	5.44E-08	3.18E-08	6.55E-09	3.84E-08
1145	625148.28	4265662.43	2.03E-07	7.00E-08	2.73E-07	1.70E-07	5.24E-08	2.22E-07	4.03E-08	1.34E-08	5.37E-08	3.14E-08	6.46E-09	3.79E-08
1146	625151.8	4265671.34	2.01E-07	6.90E-08	2.70E-07	1.68E-07	5.17E-08	2.19E-07	3.97E-08	1.32E-08	5.29E-08	3.10E-08	6.37E-09	3.73E-08
1147	624859.53	4265375.34	3.11E-07	1.07E-07	4.17E-07	2.60E-07	8.00E-08	3.40E-07	6.15E-08	2.05E-08	8.19E-08	4.79E-08	9.86E-09	5.78E-08
1148	624849.62	4265375.2	3.13E-07	1.08E-07	4.21E-07	2.62E-07	8.06E-08	3.42E-07	6.20E-08	2.06E-08	8.26E-08	4.83E-08	9.94E-09	5.82E-08

1149	624839.71	4265375.06	3.15E-07	1.08E-07	4.24E-07	2.64E-07	8.12E-08	3.45E-07	6.24E-08	2.08E-08	8.32E-08	4.86E-08	1.00E-08	5.87E-08
1150	624829.8	4265374.93	3.17E-07	1.09E-07	4.26E-07	2.65E-07	8.17E-08	3.47E-07	6.28E-08	2.09E-08	8.37E-08	4.90E-08	1.01E-08	5.90E-08
1151	624819.89	4265374.79	3.19E-07	1.10E-07	4.29E-07	2.67E-07	8.21E-08	3.49E-07	6.32E-08	2.10E-08	8.42E-08	4.92E-08	1.01E-08	5.94E-08
1152	624809.99	4265374.65	3.21E-07	1.10E-07	4.31E-07	2.68E-07	8.25E-08	3.51E-07	6.35E-08	2.11E-08	8.46E-08	4.95E-08	1.02E-08	5.96E-08
1153	624800.08	4265374.51	3.22E-07	1.11E-07	4.32E-07	2.69E-07	8.28E-08	3.52E-07	6.37E-08	2.12E-08	8.49E-08	4.97E-08	1.02E-08	5.99E-08
1154	624790.17	4265374.38	3.23E-07	1.11E-07	4.34E-07	2.70E-07	8.31E-08	3.53E-07	6.39E-08	2.13E-08	8.51E-08	4.98E-08	1.02E-08	6.00E-08
1155	624780.26	4265374.24	3.23E-07	1.11E-07	4.34E-07	2.70E-07	8.32E-08	3.53E-07	6.40E-08	2.13E-08	8.53E-08	4.99E-08	1.03E-08	6.01E-08
1156	624770.35	4265374.1	3.23E-07	1.11E-07	4.34E-07	2.70E-07	8.32E-08	3.53E-07	6.40E-08	2.13E-08	8.53E-08	4.99E-08	1.03E-08	6.01E-08
1157	624760.44	4265373.96	3.23E-07	1.11E-07	4.34E-07	2.70E-07	8.31E-08	3.53E-07	6.39E-08	2.13E-08	8.52E-08	4.98E-08	1.02E-08	6.01E-08
1158	624750.53	4265373.83	3.22E-07	1.11E-07	4.33E-07	2.69E-07	8.29E-08	3.52E-07	6.38E-08	2.12E-08	8.50E-08	4.97E-08	1.02E-08	5.99E-08
1159	624740.62	4265373.69	3.21E-07	1.10E-07	4.31E-07	2.68E-07	8.26E-08	3.51E-07	6.35E-08	2.11E-08	8.47E-08	4.95E-08	1.02E-08	5.97E-08
1160	624730.72	4265373.55	3.19E-07	1.10E-07	4.29E-07	2.67E-07	8.22E-08	3.49E-07	6.32E-08	2.10E-08	8.42E-08	4.93E-08	1.01E-08	5.94E-08
1161	624720.81	4265373.42	3.17E-07	1.09E-07	4.26E-07	2.65E-07	8.17E-08	3.47E-07	6.28E-08	2.09E-08	8.37E-08	4.89E-08	1.01E-08	5.90E-08
1162	624710.9	4265373.28	3.15E-07	1.08E-07	4.23E-07	2.63E-07	8.11E-08	3.44E-07	6.23E-08	2.08E-08	8.31E-08	4.86E-08	1.00E-08	5.86E-08
1163	624700.99	4265373.14	3.13E-07	1.07E-07	4.20E-07	2.61E-07	8.05E-08	3.42E-07	6.19E-08	2.06E-08	8.25E-08	4.82E-08	9.92E-09	5.81E-08
1164	624691.08	4265373	3.10E-07	1.07E-07	4.16E-07	2.59E-07	7.98E-08	3.39E-07	6.13E-08	2.04E-08	8.18E-08	4.78E-08	9.84E-09	5.77E-08
1165	624681.17	4265372.87	3.07E-07	1.06E-07	4.13E-07	2.57E-07	7.91E-08	3.36E-07	6.08E-08	2.02E-08	8.10E-08	4.74E-08	9.74E-09	5.71E-08
1166	624671.26	4265372.73	3.04E-07	1.05E-07	4.09E-07	2.54E-07	7.83E-08	3.32E-07	6.02E-08	2.00E-08	8.02E-08	4.69E-08	9.65E-09	5.66E-08
1167	624661.35	4265372.59	3.01E-07	1.03E-07	4.04E-07	2.51E-07	7.75E-08	3.29E-07	5.95E-08	1.98E-08	7.94E-08	4.64E-08	9.55E-09	5.60E-08
1168	624651.44	4265372.45	2.97E-07	1.02E-07	4.00E-07	2.49E-07	7.66E-08	3.25E-07	5.89E-08	1.96E-08	7.85E-08	4.59E-08	9.44E-09	5.53E-08
1169	624641.54	4265372.32	2.94E-07	1.01E-07	3.95E-07	2.46E-07	7.57E-08	3.21E-07	5.82E-08	1.94E-08	7.76E-08	4.54E-08	9.33E-09	5.47E-08
1170	624631.63	4265372.18	2.90E-07	9.98E-08	3.90E-07	2.43E-07	7.47E-08	3.17E-07	5.75E-08	1.91E-08	7.66E-08	4.48E-08	9.21E-09	5.40E-08
1171	624621.72	4265372.04	2.86E-07	9.85E-08	3.85E-07	2.39E-07	7.38E-08	3.13E-07	5.67E-08	1.89E-08	7.56E-08	4.42E-08	9.09E-09	5.33E-08
1172	624611.81	4265371.9	2.82E-07	9.71E-08	3.80E-07	2.36E-07	7.27E-08	3.09E-07	5.59E-08	1.86E-08	7.45E-08	4.36E-08	8.96E-09	5.25E-08
1173	624601.9	4265371.77	2.78E-07	9.57E-08	3.74E-07	2.33E-07	7.16E-08	3.04E-07	5.51E-08	1.83E-08	7.34E-08	4.29E-08	8.83E-09	5.18E-08
1174	624591.99	4265371.63	2.74E-07	9.42E-08	3.68E-07	2.29E-07	7.05E-08	2.99E-07	5.42E-08	1.80E-08	7.23E-08	4.23E-08	8.69E-09	5.10E-08
1175	624582.08	4265371.49	2.69E-07	9.27E-08	3.62E-07	2.25E-07	6.94E-08	2.95E-07	5.33E-08	1.78E-08	7.11E-08	4.16E-08	8.55E-09	5.01E-08
1176	624572.17	4265371.35	2.65E-07	9.11E-08	3.56E-07	2.21E-07	6.82E-08	2.90E-07	5.24E-08	1.74E-08	6.99E-08	4.09E-08	8.40E-09	4.93E-08
1177	624562.27	4265371.22	2.60E-07	8.94E-08	3.50E-07	2.17E-07	6.70E-08	2.84E-07	5.15E-08	1.71E-08	6.86E-08	4.01E-08	8.25E-09	4.84E-08
1178	624552.36	4265371.08	2.55E-07	8.78E-08	3.43E-07	2.13E-07	6.57E-08	2.79E-07	5.05E-08	1.68E-08	6.73E-08	3.94E-08	8.10E-09	4.75E-08
1179	624542.45	4265370.94	2.50E-07	8.61E-08	3.36E-07	2.09E-07	6.44E-08	2.74E-07	4.95E-08	1.65E-08	6.60E-08	3.86E-08	7.94E-09	4.66E-08
1180	624532.54	4265370.8	2.45E-07	8.44E-08	3.30E-07	2.05E-07	6.32E-08	2.68E-07	4.86E-08	1.62E-08	6.47E-08	3.79E-08	7.79E-09	4.56E-08
1181	624522.63	4265370.67	2.41E-07	8.27E-08	3.23E-07	2.01E-07	6.19E-08	2.63E-07	4.76E-08	1.59E-08	6.35E-08	3.71E-08	7.63E-09	4.48E-08
1182	624512.72	4265370.53	2.36E-07	8.11E-08	3.17E-07	1.97E-07	6.07E-08	2.58E-07	4.67E-08	1.55E-08	6.22E-08	3.64E-08	7.48E-09	4.39E-08
1183	624502.81	4265370.39	2.31E-07	7.95E-08	3.11E-07	1.93E-07	5.95E-08	2.53E-07	4.57E-08	1.52E-08	6.10E-08	3.57E-08	7.33E-09	4.30E-08
1184	624492.9	4265370.26	2.26E-07	7.79E-08	3.04E-07	1.89E-07	5.83E-08	2.48E-07	4.48E-08	1.49E-08	5.97E-08	3.49E-08	7.19E-09	4.21E-08
1185	624483	4265370.12	2.22E-07	7.63E-08	2.98E-07	1.85E-07	5.71E-08	2.43E-07	4.39E-08	1.46E-08	5.85E-08	3.42E-08	7.04E-09	4.13E-08
1186	624473.09	4265369.98	2.17E-07	7.48E-08	2.92E-07	1.82E-07	5.60E-08	2.38E-07	4.30E-08	1.43E-08	5.74E-08	3.36E-08	6.90E-09	4.05E-08
1187	624463.18	4265369.84	2.13E-07	7.33E-08	2.86E-07	1.78E-07	5.49E-08	2.33E-07	4.22E-08	1.40E-08	5.62E-08	3.29E-08	6.76E-09	3.97E-08
1188	624453.27	4265369.71	2.09E-07	7.18E-08	2.81E-07	1.75E-07	5.38E-08	2.28E-07	4.13E-08	1.38E-08	5.51E-08	3.22E-08	6.63E-09	3.89E-08
1189	624443.36	4265369.57	2.05E-07	7.04E-08	2.75E-07	1.71E-07	5.27E-08	2.24E-07	4.05E-08	1.35E-08	5.40E-08	3.16E-08	6.50E-09	3.81E-08
1190	624433.45	4265369.43	2.01E-07	6.90E-08	2.70E-07	1.68E-07	5.17E-08	2.19E-07	3.97E-08	1.32E-08	5.29E-08	3.10E-08	6.37E-09	3.73E-08
1191	624423.54	4265369.29	1.97E-07	6.76E-08	2.64E-07	1.64E-07	5.06E-08	2.15E-07	3.89E-08	1.30E-08	5.19E-08	3.03E-08	6.24E-09	3.66E-08
1192	624413.63	4265369.16	1.93E-07	6.62E-08	2.59E-07	1.61E-07	4.96E-08	2.11E-07	3.81E-08	1.27E-08	5.08E-08	2.97E-08	6.11E-09	3.58E-08
1193	624403.72	4265369.02	1.89E-07	6.49E-08	2.53E-07	1.58E-07	4.86E-08	2.06E-07	3.73E-08	1.24E-08	4.98E-08	2.91E-08	5.99E-09	3.51E-08
1194	624393.82	4265368.88	1.85E-07	6.35E-08	2.48E-07	1.54E-07	4.75E-08	2.02E-07	3.66E-08	1.22E-08	4.87E-08	2.85E-08	5.86E-09	3.44E-08
1195	624383.91	4265368.74	1.81E-07	6.22E-08	2.43E-07	1.51E-07	4.65E-08	1.98E-07	3.58E-08	1.19E-08	4.77E-08	2.79E-08	5.74E-09	3.36E-08
1196	624374	4265368.61	1.77E-07	6.09E-08	2.38E-07	1.48E-07	4.56E-08	1.93E-07	3.50E-08	1.17E-08	4.67E-08	2.73E-08	5.62E-09	3.29E-08
1197	624364.09	4265368.47	1.73E-07	5.96E-08	2.33E-07	1.45E-07	4.46E-08	1.89E-07	3.43E-08	1.14E-08	4.57E-08	2.67E-08	5.50E-09	3.22E-08
1198	624869.02	4265329.14	2.71E-07	9.33E-08	3.65E-07	2.27E-07	6.99E-08	2.97E-07	5.37E-08	1.79E-08	7.16E-08	4.19E-08	8.62E-09	5.05E-08
1199	624877.82	4265332.93	2.72E-07	9.37E-08	3.66E-07	2.28E-07	7.02E-08	2.98E-07	5.39E-08	1.80E-08	7.19E-08	4.20E-08	8.65E-09	5.07E-08
1200	624886.62	4265336.73	2.73E-07	9.40E-08	3.67E-07	2.28E-07	7.04E-08	2.99E-07	5.41E-08	1.80E-08	7.21E-08	4.22E-08	8.67E-09	5.08E-08
1201	624895.42	4265340.52	2.74E-07	9.42E-08	3.68E-07	2.29E-07	7.05E-08	3.00E-07	5.42E-08	1.80E-08	7.23E-08	4.23E-08	8.69E-09	5.10E-08
1202	624904.22	4265344.32	2.74E-07	9.43E-08	3.69E-07	2.29E-07	7.06E-08	3.00E-07	5.43E-08	1.81E-08	7.24E-08	4.23E-08	8.70E-09	5.10E-08
1203	624913.01	4265348.11	2.74E-07	9.44E-08	3.69E-07	2.29E-07	7.06E-08	3.00E-07	5.43E-08	1.81E-08	7.24E-08	4.23E-08	8.71E-09	5.10E-08
1204	624921.81	4265351.91	2.74E-07	9.43E-08	3.69E-07	2.29E-07	7.06E-08	3.00E-07	5.43E-08	1.81E-08	7.24E-08	4.23E-08	8.70E-09	5.10E-08
1205	624930.61	4265355.7	2.74E-07	9.42E-08	3.68E-07	2.29E-07	7.05E-08	2.99E-07	5.42E-08	1.80E-08	7.22E-08	4.23E-08	8.69E-09	5.09E-08
1206	624939.41	4265359.5	2.73E-07	9.39E-08	3.67E-07	2.28E-07	7.03E-08	2.99E-07	5.40E-08	1.80E-08	7.20E-08	4.21E-08	8.67E-09	5.08E-08
1207	624948.21	4265363.29	2.72E-07	9.35E-08	3.66E-07	2.27E-07	7.00E-08	2.97E-07	5.38E-08	1.79E-08	7.18E-08	4.20E-08	8.63E-09	5.06E-08
1208	624957.01	4265367.09	2.71E-07	9.30E-08	3.64E-07	2.26E-07	6.97E-08	2.96E-07	5.36E-08	1.78E-08	7.14E-08	4.18E-08	8.59E-09	5.03E-08
1209	624965.81	4265370.88	2.69E-07	9.24E-08	3.61E-07	2.25E-07	6.92E-08	2.94E-07	5.32E-08	1.77E-08	7.09E-08	4.15E-08	8.53E-09	5.00E-08
1210	624974.6	4265374.68	2.67E-07	9.17E-08	3.58E-07	2.23E-07	6.87E-08	2.92E-07	5.28E-08	1.76E-08	7.04E-08	4.12E-08	8.46E-09	4.96E-08
1211	624983.4	4265378.47	2.64E-07	9.09E-08	3.55E-07	2.21E-07	6.80E-08	2.89E-07	5.23E-08	1.74E-08	6.97E-08	4.08E-08	8.39E-09	4.92E-08
1212	624992.2	4265382.27	2.61E-07	8.99E-08	3.51E-07	2.19E-07	6.73E-08	2.86E-07	5.18E-08	1.72E-08	6.90E-08	4.03E-08	8.30E-09	4.86E-08
1213	625001	4265386.06	2.58E-07	8.88E-08	3.47E-07	2.16E-07	6.65E-08	2.82E-07	5.11E-08	1.70E-08	6.82E-08	3.99E-08	8.20E-09	4.81E-08
1214	625009.8	4265389.86	2.55E-07	8.77E-08	3.43E-07	2.13E-07	6.56E-08	2.79E-07	5.05E-08	1.68E-08	6.73E-08	3.93E-08	8.09E-09	4.74E-08
1215	625018.6	4265393.65	2.51E-07	8.64E-08	3.38E-07	2.10E-07	6.47E-08	2.75E-07	4.97E-08	1.66E-08	6.63E-08	3.88E-08	7.98E-09	4.68E-08
1216	625027.39	4265397.45	2.47E-07	8.51E-08	3.32E-07	2.07E-07	6.37E-08	2.70E-07	4.90E-08	1.63E-08	6.53E-08	3.82E-08	7.85E-09	4.60E-08
1217	625036.19	4265401.24	2.43E-07	8.37E-08	3.27E-07	2.03E-07	6.26E-08	2.66E-07	4.82E-08	1.60E-08	6.42E-08	3.75E-08	7.72E-09	4.53E-08
1218	625044.99	4265405.04	2.39E-07	8.22E-08	3.21E-07	2.00E-07	6.15E-08	2.61E-07	4.73E-08	1.57E-08	6.31E-08	3.69E-08	7.59E-09	4.45E-08
1219	625053.79	4265408.83	2.35E-07	8.07E-08	3.15E-07	1.96E-07	6.04E-08	2.57E-07	4.64E-08	1.55E-08	6.19E-08	3.62E-08	7.45E-09	4.37E-08
1220	625062.59	4265412.63	2.30E-07	7.92E-08	3.09E-07	1.92E-07	5.93E-08	2.52E-07	4.56E-08	1.52E-08	6.07E-08	3.55E-08	7.31E-09	4.28E-08

1221	625071.39	4265416.42	2.26E-07	7.76E-08	3.03E-07	1.89E-07	5.81E-08	2.47E-07	4.47E-08	1.49E-08	5.95E-08	3.48E-08	7.16E-09	4.20E-08
1222	625080.19	4265420.22	2.21E-07	7.60E-08	2.97E-07	1.85E-07	5.69E-08	2.42E-07	4.38E-08	1.46E-08	5.83E-08	3.41E-08	7.02E-09	4.11E-08
1223	625088.98	4265424.01	2.17E-07	7.45E-08	2.91E-07	1.81E-07	5.58E-08	2.37E-07	4.29E-08	1.43E-08	5.71E-08	3.34E-08	6.87E-09	4.03E-08
1224	625097.78	4265427.81	2.12E-07	7.29E-08	2.85E-07	1.77E-07	5.46E-08	2.32E-07	4.20E-08	1.40E-08	5.60E-08	3.27E-08	6.73E-09	3.95E-08
1225	625110.11	4265440.51	2.07E-07	7.13E-08	2.78E-07	1.73E-07	5.34E-08	2.27E-07	4.10E-08	1.37E-08	5.47E-08	3.20E-08	6.58E-09	3.86E-08
1226	625113.63	4265449.42	2.07E-07	7.11E-08	2.78E-07	1.73E-07	5.32E-08	2.26E-07	4.09E-08	1.36E-08	5.46E-08	3.19E-08	6.56E-09	3.85E-08
1227	625117.16	4265458.33	2.06E-07	7.09E-08	2.77E-07	1.72E-07	5.31E-08	2.25E-07	4.08E-08	1.36E-08	5.44E-08	3.18E-08	6.54E-09	3.84E-08
1228	625120.69	4265467.24	2.06E-07	7.07E-08	2.76E-07	1.72E-07	5.29E-08	2.25E-07	4.07E-08	1.35E-08	5.42E-08	3.17E-08	6.52E-09	3.82E-08
1229	625124.21	4265476.15	2.05E-07	7.04E-08	2.75E-07	1.71E-07	5.27E-08	2.24E-07	4.05E-08	1.35E-08	5.40E-08	3.16E-08	6.50E-09	3.81E-08
1230	625127.74	4265485.06	2.04E-07	7.02E-08	2.74E-07	1.71E-07	5.25E-08	2.23E-07	4.04E-08	1.34E-08	5.38E-08	3.15E-08	6.48E-09	3.80E-08
1231	625131.27	4265493.97	2.03E-07	6.99E-08	2.73E-07	1.70E-07	5.23E-08	2.22E-07	4.02E-08	1.34E-08	5.36E-08	3.14E-08	6.45E-09	3.78E-08
1232	625134.79	4265502.88	2.02E-07	6.95E-08	2.72E-07	1.69E-07	5.21E-08	2.21E-07	4.00E-08	1.33E-08	5.34E-08	3.12E-08	6.42E-09	3.76E-08
1233	625138.32	4265511.79	2.01E-07	6.92E-08	2.70E-07	1.68E-07	5.18E-08	2.20E-07	3.98E-08	1.33E-08	5.31E-08	3.10E-08	6.39E-09	3.74E-08
1234	625141.85	4265520.7	2.00E-07	6.88E-08	2.69E-07	1.67E-07	5.15E-08	2.19E-07	3.96E-08	1.32E-08	5.28E-08	3.09E-08	6.35E-09	3.72E-08
1235	625145.37	4265529.61	1.99E-07	6.84E-08	2.67E-07	1.66E-07	5.12E-08	2.17E-07	3.94E-08	1.31E-08	5.25E-08	3.07E-08	6.31E-09	3.70E-08
1236	625148.9	4265538.52	1.98E-07	6.79E-08	2.65E-07	1.65E-07	5.09E-08	2.16E-07	3.91E-08	1.30E-08	5.21E-08	3.05E-08	6.27E-09	3.68E-08
1237	625152.43	4265547.43	1.96E-07	6.75E-08	2.64E-07	1.64E-07	5.05E-08	2.14E-07	3.88E-08	1.29E-08	5.18E-08	3.03E-08	6.23E-09	3.65E-08
1238	625155.95	4265556.34	1.95E-07	6.70E-08	2.62E-07	1.63E-07	5.01E-08	2.13E-07	3.85E-08	1.28E-08	5.14E-08	3.00E-08	6.18E-09	3.62E-08
1239	625159.48	4265565.25	1.93E-07	6.64E-08	2.60E-07	1.61E-07	4.97E-08	2.11E-07	3.82E-08	1.27E-08	5.10E-08	2.98E-08	6.13E-09	3.59E-08
1240	625163.01	4265574.16	1.92E-07	6.59E-08	2.57E-07	1.60E-07	4.93E-08	2.09E-07	3.79E-08	1.26E-08	5.05E-08	2.96E-08	6.08E-09	3.56E-08
1241	625166.53	4265583.07	1.90E-07	6.53E-08	2.55E-07	1.59E-07	4.89E-08	2.08E-07	3.76E-08	1.25E-08	5.01E-08	2.93E-08	6.03E-09	3.53E-08
1242	625170.06	4265591.98	1.88E-07	6.47E-08	2.53E-07	1.57E-07	4.84E-08	2.06E-07	3.72E-08	1.24E-08	4.96E-08	2.90E-08	5.97E-09	3.50E-08
1243	625173.58	4265600.89	1.86E-07	6.41E-08	2.50E-07	1.56E-07	4.80E-08	2.04E-07	3.69E-08	1.23E-08	4.91E-08	2.87E-08	5.91E-09	3.47E-08
1244	625177.11	4265609.8	1.84E-07	6.34E-08	2.48E-07	1.54E-07	4.75E-08	2.02E-07	3.65E-08	1.21E-08	4.86E-08	2.85E-08	5.85E-09	3.43E-08
1245	625180.64	4265618.7	1.82E-07	6.27E-08	2.45E-07	1.52E-07	4.70E-08	1.99E-07	3.61E-08	1.20E-08	4.81E-08	2.81E-08	5.79E-09	3.39E-08
1246	625184.16	4265627.61	1.80E-07	6.20E-08	2.42E-07	1.51E-07	4.64E-08	1.97E-07	3.57E-08	1.19E-08	4.76E-08	2.78E-08	5.72E-09	3.36E-08
1247	625187.69	4265636.52	1.78E-07	6.13E-08	2.40E-07	1.49E-07	4.59E-08	1.95E-07	3.53E-08	1.17E-08	4.70E-08	2.75E-08	5.66E-09	3.32E-08
1248	625191.22	4265645.43	1.76E-07	6.05E-08	2.37E-07	1.47E-07	4.53E-08	1.92E-07	3.49E-08	1.16E-08	4.65E-08	2.72E-08	5.59E-09	3.28E-08
1249	625194.74	4265654.34	1.74E-07	5.98E-08	2.34E-07	1.45E-07	4.48E-08	1.90E-07	3.44E-08	1.15E-08	4.59E-08	2.68E-08	5.52E-09	3.23E-08
1250	625198.27	4265663.25	1.72E-07	5.90E-08	2.31E-07	1.43E-07	4.42E-08	1.88E-07	3.40E-08	1.13E-08	4.53E-08	2.65E-08	5.44E-09	3.19E-08
1251	625201.8	4265672.16	1.69E-07	5.82E-08	2.27E-07	1.41E-07	4.36E-08	1.85E-07	3.35E-08	1.11E-08	4.46E-08	2.61E-08	5.37E-09	3.15E-08
1252	624860.22	4265325.34	2.70E-07	9.29E-08	3.63E-07	2.26E-07	6.96E-08	2.95E-07	5.35E-08	1.78E-08	7.13E-08	4.17E-08	8.58E-09	5.03E-08
1253	624850.31	4265325.21	2.72E-07	9.35E-08	3.65E-07	2.27E-07	7.00E-08	2.97E-07	5.38E-08	1.79E-08	7.17E-08	4.19E-08	8.63E-09	5.06E-08
1254	624840.41	4265325.07	2.73E-07	9.39E-08	3.67E-07	2.28E-07	7.03E-08	2.99E-07	5.41E-08	1.80E-08	7.21E-08	4.22E-08	8.67E-09	5.08E-08
1255	624830.5	4265324.93	2.74E-07	9.43E-08	3.69E-07	2.29E-07	7.06E-08	3.00E-07	5.43E-08	1.81E-08	7.24E-08	4.23E-08	8.71E-09	5.10E-08
1256	624820.59	4265324.79	2.75E-07	9.47E-08	3.70E-07	2.30E-07	7.09E-08	3.01E-07	5.45E-08	1.81E-08	7.26E-08	4.25E-08	8.74E-09	5.12E-08
1257	624810.68	4265324.66	2.76E-07	9.49E-08	3.71E-07	2.31E-07	7.11E-08	3.02E-07	5.47E-08	1.82E-08	7.28E-08	4.26E-08	8.76E-09	5.14E-08
1258	624800.77	4265324.52	2.77E-07	9.51E-08	3.72E-07	2.31E-07	7.12E-08	3.02E-07	5.47E-08	1.82E-08	7.30E-08	4.27E-08	8.78E-09	5.15E-08
1259	624790.86	4265324.38	2.77E-07	9.52E-08	3.72E-07	2.31E-07	7.13E-08	3.03E-07	5.48E-08	1.82E-08	7.30E-08	4.27E-08	8.79E-09	5.15E-08
1260	624780.95	4265324.24	2.77E-07	9.52E-08	3.72E-07	2.31E-07	7.13E-08	3.03E-07	5.48E-08	1.82E-08	7.30E-08	4.27E-08	8.78E-09	5.15E-08
1261	624771.04	4265324.11	2.76E-07	9.50E-08	3.71E-07	2.31E-07	7.11E-08	3.02E-07	5.47E-08	1.82E-08	7.29E-08	4.26E-08	8.77E-09	5.14E-08
1262	624761.13	4265323.97	2.76E-07	9.48E-08	3.70E-07	2.30E-07	7.10E-08	3.01E-07	5.45E-08	1.82E-08	7.27E-08	4.25E-08	8.75E-09	5.13E-08
1263	624751.23	4265323.83	2.74E-07	9.44E-08	3.69E-07	2.29E-07	7.07E-08	3.00E-07	5.43E-08	1.81E-08	7.24E-08	4.24E-08	8.71E-09	5.11E-08
1264	624741.32	4265323.69	2.73E-07	9.39E-08	3.67E-07	2.28E-07	7.03E-08	2.98E-07	5.40E-08	1.80E-08	7.20E-08	4.21E-08	8.66E-09	5.08E-08
1265	624731.41	4265323.56	2.71E-07	9.32E-08	3.64E-07	2.27E-07	6.98E-08	2.96E-07	5.37E-08	1.79E-08	7.15E-08	4.18E-08	8.61E-09	5.04E-08
1266	624721.5	4265323.42	2.69E-07	9.25E-08	3.62E-07	2.25E-07	6.93E-08	2.94E-07	5.32E-08	1.77E-08	7.10E-08	4.15E-08	8.54E-09	5.00E-08
1267	624711.59	4265323.28	2.67E-07	9.17E-08	3.58E-07	2.23E-07	6.86E-08	2.91E-07	5.28E-08	1.76E-08	7.03E-08	4.11E-08	8.46E-09	4.96E-08
1268	624701.68	4265323.15	2.64E-07	9.08E-08	3.55E-07	2.21E-07	6.80E-08	2.89E-07	5.23E-08	1.74E-08	6.97E-08	4.07E-08	8.38E-09	4.91E-08
1269	624691.77	4265323.01	2.61E-07	8.99E-08	3.51E-07	2.18E-07	6.73E-08	2.86E-07	5.17E-08	1.72E-08	6.89E-08	4.03E-08	8.29E-09	4.86E-08
1270	624681.86	4265322.87	2.58E-07	8.89E-08	3.47E-07	2.16E-07	6.65E-08	2.83E-07	5.12E-08	1.70E-08	6.82E-08	3.99E-08	8.20E-09	4.81E-08
1271	624671.96	4265322.73	2.55E-07	8.78E-08	3.43E-07	2.14E-07	6.58E-08	2.79E-07	5.06E-08	1.68E-08	6.74E-08	3.94E-08	8.11E-09	4.75E-08
1272	624662.05	4265322.6	2.52E-07	8.68E-08	3.39E-07	2.11E-07	6.50E-08	2.76E-07	4.99E-08	1.66E-08	6.66E-08	3.89E-08	8.01E-09	4.69E-08
1273	624652.14	4265322.46	2.49E-07	8.57E-08	3.35E-07	2.08E-07	6.42E-08	2.72E-07	4.93E-08	1.64E-08	6.57E-08	3.84E-08	7.91E-09	4.64E-08
1274	624642.23	4265322.32	2.46E-07	8.46E-08	3.30E-07	2.06E-07	6.33E-08	2.69E-07	4.87E-08	1.62E-08	6.49E-08	3.79E-08	7.80E-09	4.57E-08
1275	624632.32	4265322.18	2.43E-07	8.34E-08	3.26E-07	2.03E-07	6.25E-08	2.65E-07	4.80E-08	1.60E-08	6.40E-08	3.74E-08	7.70E-09	4.51E-08
1276	624622.41	4265322.05	2.39E-07	8.23E-08	3.21E-07	2.00E-07	6.16E-08	2.62E-07	4.74E-08	1.58E-08	6.31E-08	3.69E-08	7.59E-09	4.45E-08
1277	624612.5	4265321.91	2.36E-07	8.11E-08	3.17E-07	1.97E-07	6.07E-08	2.58E-07	4.67E-08	1.55E-08	6.22E-08	3.64E-08	7.48E-09	4.39E-08
1278	624602.59	4265321.77	2.32E-07	7.99E-08	3.12E-07	1.94E-07	5.98E-08	2.54E-07	4.60E-08	1.53E-08	6.13E-08	3.58E-08	7.37E-09	4.32E-08
1279	624592.69	4265321.63	2.29E-07	7.87E-08	3.08E-07	1.91E-07	5.89E-08	2.50E-07	4.53E-08	1.51E-08	6.04E-08	3.53E-08	7.26E-09	4.26E-08
1280	624582.78	4265321.5	2.25E-07	7.75E-08	3.03E-07	1.88E-07	5.80E-08	2.46E-07	4.46E-08	1.48E-08	5.94E-08	3.48E-08	7.15E-09	4.19E-08
1281	624572.87	4265321.36	2.22E-07	7.62E-08	2.98E-07	1.85E-07	5.71E-08	2.42E-07	4.39E-08	1.46E-08	5.85E-08	3.42E-08	7.04E-09	4.12E-08
1282	624562.96	4265321.22	2.18E-07	7.50E-08	2.93E-07	1.82E-07	5.62E-08	2.38E-07	4.32E-08	1.44E-08	5.75E-08	3.37E-08	6.92E-09	4.06E-08
1283	624553.05	4265321.08	2.15E-07	7.38E-08	2.88E-07	1.79E-07	5.52E-08	2.35E-07	4.25E-08	1.41E-08	5.66E-08	3.31E-08	6.81E-09	3.99E-08
1284	624543.14	4265320.95	2.11E-07	7.26E-08	2.84E-07	1.76E-07	5.43E-08	2.31E-07	4.18E-08	1.39E-08	5.57E-08	3.26E-08	6.70E-09	3.93E-08
1285	624533.23	4265320.81	2.07E-07	7.13E-08	2.79E-07	1.73E-07	5.34E-08	2.27E-07	4.11E-08	1.37E-08	5.47E-08	3.20E-08	6.58E-09	3.86E-08
1286	624523.32	4265320.67	2.04E-07	7.01E-08	2.74E-07	1.70E-07	5.25E-08	2.23E-07	4.04E-08	1.34E-08	5.38E-08	3.15E-08	6.47E-09	3.79E-08
1287	624513.41	4265320.53	2.00E-07	6.89E-08	2.69E-07	1.68E-07	5.16E-08	2.19E-07	3.97E-08	1.32E-08	5.29E-08	3.09E-08	6.36E-09	3.73E-08
1288	624503.51	4265320.4	1.97E-07	6.77E-08	2.65E-07	1.65E-07	5.07E-08	2.15E-07	3.90E-08	1.30E-08	5.20E-08	3.04E-08	6.25E-09	3.66E-08
1289	624493.6	4265320.26	1.94E-07	6.66E-08	2.60E-07	1.62E-07	4.99E-08	2.12E-07	3.83E-08	1.28E-08	5.11E-08	2.99E-08	6.15E-09	3.60E-08
1290	624483.69	4265320.12	1.90E-07	6.55E-08	2.56E-07	1.59E-07	4.90E-08	2.08E-07	3.77E-08	1.25E-08	5.02E-08	2.94E-08	6.04E-09	3.54E-08
1291	624473.78	4265319.99	1.87E-07	6.44E-08	2.52E-07	1.56E-07	4.82E-08	2.05E-07	3.70E-08	1.23E-08	4.94E-08	2.89E-08	5.94E-09	3.48E-08
1292	624463.87	4265319.85	1.84E-07	6.33E-08	2.47E-07	1.54E-07	4.74E-08	2.01E-07	3.64E-08	1.21E-08	4.85E-08	2.84E-08	5.84E-09	3.42E-08

1293	624453.96	4265319.71	1.81E-07	6.22E-08	2.43E-07	1.51E-07	4.66E-08	1.98E-07	3.58E-08	1.19E-08	4.77E-08	2.79E-08	5.74E-09	3.37E-08
1294	624444.05	4265319.57	1.78E-07	6.12E-08	2.39E-07	1.49E-07	4.58E-08	1.94E-07	3.52E-08	1.17E-08	4.69E-08	2.74E-08	5.64E-09	3.31E-08
1295	624434.14	4265319.44	1.75E-07	6.01E-08	2.35E-07	1.46E-07	4.50E-08	1.91E-07	3.46E-08	1.15E-08	4.61E-08	2.70E-08	5.55E-09	3.25E-08
1296	624424.24	4265319.3	1.72E-07	5.90E-08	2.31E-07	1.44E-07	4.42E-08	1.88E-07	3.40E-08	1.13E-08	4.53E-08	2.65E-08	5.45E-09	3.19E-08
1297	624414.33	4265319.16	1.69E-07	5.80E-08	2.27E-07	1.41E-07	4.34E-08	1.84E-07	3.34E-08	1.11E-08	4.45E-08	2.60E-08	5.35E-09	3.14E-08
1298	624404.42	4265319.02	1.66E-07	5.69E-08	2.23E-07	1.38E-07	4.26E-08	1.81E-07	3.28E-08	1.09E-08	4.37E-08	2.56E-08	5.26E-09	3.08E-08
1299	624394.51	4265318.89	1.63E-07	5.59E-08	2.18E-07	1.36E-07	4.19E-08	1.78E-07	3.22E-08	1.07E-08	4.29E-08	2.51E-08	5.16E-09	3.02E-08
1300	624384.6	4265318.75	1.60E-07	5.49E-08	2.14E-07	1.33E-07	4.11E-08	1.74E-07	3.16E-08	1.05E-08	4.21E-08	2.46E-08	5.06E-09	2.97E-08
1301	624374.69	4265318.61	1.57E-07	5.38E-08	2.10E-07	1.31E-07	4.03E-08	1.71E-07	3.10E-08	1.03E-08	4.13E-08	2.42E-08	4.97E-09	2.91E-08
1302	624364.78	4265318.47	1.54E-07	5.28E-08	2.06E-07	1.28E-07	3.96E-08	1.68E-07	3.04E-08	1.01E-08	4.05E-08	2.37E-08	4.88E-09	2.86E-08
1303	624870	4265279.27	2.39E-07	8.21E-08	3.21E-07	2.00E-07	6.15E-08	2.61E-07	4.72E-08	1.57E-08	6.30E-08	3.68E-08	7.57E-09	4.44E-08
1304	624879.08	4265283.18	2.40E-07	8.25E-08	3.22E-07	2.00E-07	6.18E-08	2.62E-07	4.75E-08	1.58E-08	6.33E-08	3.70E-08	7.61E-09	4.46E-08
1305	624888.16	4265287.1	2.41E-07	8.28E-08	3.24E-07	2.01E-07	6.20E-08	2.63E-07	4.77E-08	1.59E-08	6.35E-08	3.72E-08	7.64E-09	4.48E-08
1306	624897.25	4265291.02	2.42E-07	8.31E-08	3.25E-07	2.02E-07	6.22E-08	2.64E-07	4.78E-08	1.59E-08	6.38E-08	3.73E-08	7.67E-09	4.50E-08
1307	624906.33	4265294.94	2.42E-07	8.33E-08	3.26E-07	2.03E-07	6.24E-08	2.65E-07	4.80E-08	1.60E-08	6.39E-08	3.74E-08	7.69E-09	4.51E-08
1308	624915.41	4265298.85	2.43E-07	8.35E-08	3.26E-07	2.03E-07	6.25E-08	2.66E-07	4.81E-08	1.60E-08	6.41E-08	3.75E-08	7.71E-09	4.52E-08
1309	624924.49	4265302.77	2.43E-07	8.36E-08	3.27E-07	2.03E-07	6.26E-08	2.66E-07	4.81E-08	1.60E-08	6.42E-08	3.75E-08	7.72E-09	4.52E-08
1310	624933.57	4265306.69	2.43E-07	8.37E-08	3.27E-07	2.03E-07	6.26E-08	2.66E-07	4.82E-08	1.60E-08	6.42E-08	3.75E-08	7.72E-09	4.53E-08
1311	624942.66	4265310.61	2.43E-07	8.36E-08	3.27E-07	2.03E-07	6.26E-08	2.66E-07	4.81E-08	1.60E-08	6.41E-08	3.75E-08	7.72E-09	4.52E-08
1312	624951.74	4265314.52	2.43E-07	8.35E-08	3.26E-07	2.03E-07	6.25E-08	2.65E-07	4.80E-08	1.60E-08	6.40E-08	3.74E-08	7.70E-09	4.52E-08
1313	624960.82	4265318.44	2.42E-07	8.32E-08	3.25E-07	2.02E-07	6.23E-08	2.65E-07	4.79E-08	1.59E-08	6.39E-08	3.73E-08	7.68E-09	4.50E-08
1314	624969.9	4265322.36	2.41E-07	8.29E-08	3.24E-07	2.02E-07	6.21E-08	2.64E-07	4.77E-08	1.59E-08	6.36E-08	3.72E-08	7.65E-09	4.49E-08
1315	624978.99	4265326.27	2.40E-07	8.25E-08	3.22E-07	2.00E-07	6.17E-08	2.62E-07	4.75E-08	1.58E-08	6.33E-08	3.70E-08	7.61E-09	4.46E-08
1316	624988.07	4265330.19	2.38E-07	8.19E-08	3.20E-07	1.99E-07	6.14E-08	2.61E-07	4.72E-08	1.57E-08	6.29E-08	3.68E-08	7.56E-09	4.43E-08
1317	624997.15	4265334.11	2.36E-07	8.13E-08	3.18E-07	1.98E-07	6.09E-08	2.59E-07	4.68E-08	1.56E-08	6.24E-08	3.65E-08	7.50E-09	4.40E-08
1318	625006.23	4265338.03	2.34E-07	8.06E-08	3.15E-07	1.96E-07	6.03E-08	2.56E-07	4.64E-08	1.54E-08	6.18E-08	3.62E-08	7.44E-09	4.36E-08
1319	625015.32	4265341.94	2.32E-07	7.98E-08	3.12E-07	1.94E-07	5.97E-08	2.54E-07	4.59E-08	1.53E-08	6.12E-08	3.58E-08	7.36E-09	4.32E-08
1320	625024.4	4265345.86	2.29E-07	7.88E-08	3.08E-07	1.92E-07	5.90E-08	2.51E-07	4.54E-08	1.51E-08	6.05E-08	3.54E-08	7.28E-09	4.27E-08
1321	625033.48	4265349.78	2.26E-07	7.78E-08	3.04E-07	1.89E-07	5.83E-08	2.47E-07	4.48E-08	1.49E-08	5.97E-08	3.49E-08	7.18E-09	4.21E-08
1322	625042.56	4265353.7	2.23E-07	7.68E-08	3.00E-07	1.87E-07	5.75E-08	2.44E-07	4.42E-08	1.47E-08	5.89E-08	3.44E-08	7.08E-09	4.15E-08
1323	625051.65	4265357.61	2.20E-07	7.56E-08	2.95E-07	1.84E-07	5.66E-08	2.40E-07	4.35E-08	1.45E-08	5.80E-08	3.39E-08	6.98E-09	4.09E-08
1324	625060.73	4265361.53	2.16E-07	7.44E-08	2.91E-07	1.81E-07	5.57E-08	2.37E-07	4.28E-08	1.43E-08	5.71E-08	3.34E-08	6.87E-09	4.03E-08
1325	625069.81	4265365.45	2.13E-07	7.32E-08	2.86E-07	1.78E-07	5.48E-08	2.33E-07	4.21E-08	1.40E-08	5.61E-08	3.28E-08	6.75E-09	3.96E-08
1326	625078.89	4265369.37	2.09E-07	7.19E-08	2.81E-07	1.75E-07	5.38E-08	2.29E-07	4.14E-08	1.38E-08	5.51E-08	3.23E-08	6.63E-09	3.89E-08
1327	625087.97	4265373.28	2.05E-07	7.06E-08	2.76E-07	1.71E-07	5.28E-08	2.24E-07	4.06E-08	1.35E-08	5.41E-08	3.17E-08	6.51E-09	3.82E-08
1328	625097.06	4265377.2	2.01E-07	6.92E-08	2.71E-07	1.68E-07	5.18E-08	2.20E-07	3.98E-08	1.33E-08	5.31E-08	3.11E-08	6.39E-09	3.75E-08
1329	625106.14	4265381.12	1.97E-07	6.79E-08	2.65E-07	1.65E-07	5.08E-08	2.16E-07	3.91E-08	1.30E-08	5.21E-08	3.05E-08	6.27E-09	3.67E-08
1330	625115.22	4265385.04	1.94E-07	6.65E-08	2.60E-07	1.62E-07	4.98E-08	2.12E-07	3.83E-08	1.27E-08	5.11E-08	2.99E-08	6.14E-09	3.60E-08
1331	625124.3	4265388.95	1.90E-07	6.52E-08	2.55E-07	1.58E-07	4.88E-08	2.07E-07	3.75E-08	1.25E-08	5.00E-08	2.93E-08	6.02E-09	3.53E-08
1332	625133.39	4265392.87	1.86E-07	6.39E-08	2.50E-07	1.55E-07	4.78E-08	2.03E-07	3.68E-08	1.22E-08	4.90E-08	2.87E-08	5.89E-09	3.45E-08
1333	625146.11	4265405.99	1.81E-07	6.24E-08	2.44E-07	1.52E-07	4.67E-08	1.98E-07	3.59E-08	1.20E-08	4.79E-08	2.80E-08	5.76E-09	3.38E-08
1334	625149.75	4265415.18	1.81E-07	6.23E-08	2.43E-07	1.51E-07	4.66E-08	1.98E-07	3.58E-08	1.19E-08	4.78E-08	2.79E-08	5.75E-09	3.37E-08
1335	625153.39	4265424.38	1.81E-07	6.21E-08	2.43E-07	1.51E-07	4.65E-08	1.97E-07	3.57E-08	1.19E-08	4.76E-08	2.79E-08	5.73E-09	3.36E-08
1336	625157.03	4265433.58	1.80E-07	6.19E-08	2.42E-07	1.50E-07	4.63E-08	1.97E-07	3.56E-08	1.19E-08	4.75E-08	2.78E-08	5.71E-09	3.35E-08
1337	625160.67	4265442.77	1.79E-07	6.17E-08	2.41E-07	1.50E-07	4.62E-08	1.96E-07	3.55E-08	1.18E-08	4.73E-08	2.77E-08	5.69E-09	3.34E-08
1338	625164.31	4265451.97	1.79E-07	6.14E-08	2.40E-07	1.49E-07	4.60E-08	1.95E-07	3.54E-08	1.18E-08	4.71E-08	2.76E-08	5.67E-09	3.32E-08
1339	625167.95	4265461.17	1.78E-07	6.12E-08	2.39E-07	1.49E-07	4.58E-08	1.95E-07	3.52E-08	1.17E-08	4.69E-08	2.75E-08	5.65E-09	3.31E-08
1340	625171.59	4265470.36	1.77E-07	6.09E-08	2.38E-07	1.48E-07	4.56E-08	1.94E-07	3.51E-08	1.17E-08	4.67E-08	2.73E-08	5.62E-09	3.29E-08
1341	625175.23	4265479.56	1.76E-07	6.06E-08	2.37E-07	1.47E-07	4.54E-08	1.93E-07	3.49E-08	1.16E-08	4.65E-08	2.72E-08	5.59E-09	3.28E-08
1342	625178.87	4265488.76	1.75E-07	6.03E-08	2.36E-07	1.47E-07	4.51E-08	1.92E-07	3.47E-08	1.15E-08	4.62E-08	2.70E-08	5.56E-09	3.26E-08
1343	625182.51	4265497.96	1.74E-07	5.99E-08	2.34E-07	1.46E-07	4.49E-08	1.91E-07	3.45E-08	1.15E-08	4.60E-08	2.69E-08	5.53E-09	3.24E-08
1344	625186.15	4265507.15	1.73E-07	5.96E-08	2.33E-07	1.45E-07	4.46E-08	1.89E-07	3.43E-08	1.14E-08	4.57E-08	2.67E-08	5.50E-09	3.22E-08
1345	625189.79	4265516.35	1.72E-07	5.92E-08	2.31E-07	1.44E-07	4.43E-08	1.88E-07	3.41E-08	1.13E-08	4.54E-08	2.66E-08	5.46E-09	3.20E-08
1346	625193.43	4265525.55	1.71E-07	5.88E-08	2.30E-07	1.43E-07	4.40E-08	1.87E-07	3.38E-08	1.13E-08	4.51E-08	2.64E-08	5.43E-09	3.18E-08
1347	625197.07	4265534.74	1.70E-07	5.84E-08	2.28E-07	1.42E-07	4.37E-08	1.86E-07	3.36E-08	1.12E-08	4.48E-08	2.62E-08	5.39E-09	3.16E-08
1348	625200.71	4265543.94	1.69E-07	5.80E-08	2.26E-07	1.41E-07	4.34E-08	1.84E-07	3.34E-08	1.11E-08	4.45E-08	2.60E-08	5.35E-09	3.14E-08
1349	625204.35	4265553.14	1.67E-07	5.75E-08	2.25E-07	1.40E-07	4.31E-08	1.83E-07	3.31E-08	1.10E-08	4.41E-08	2.58E-08	5.31E-09	3.11E-08
1350	625207.99	4265562.33	1.66E-07	5.70E-08	2.23E-07	1.39E-07	4.27E-08	1.81E-07	3.28E-08	1.09E-08	4.38E-08	2.56E-08	5.26E-09	3.09E-08
1351	625211.63	4265571.53	1.64E-07	5.65E-08	2.21E-07	1.37E-07	4.23E-08	1.80E-07	3.25E-08	1.08E-08	4.34E-08	2.54E-08	5.22E-09	3.06E-08
1352	625215.27	4265580.73	1.63E-07	5.60E-08	2.19E-07	1.36E-07	4.20E-08	1.78E-07	3.23E-08	1.07E-08	4.30E-08	2.51E-08	5.17E-09	3.03E-08
1353	625218.91	4265589.92	1.61E-07	5.55E-08	2.17E-07	1.35E-07	4.16E-08	1.76E-07	3.19E-08	1.06E-08	4.26E-08	2.49E-08	5.12E-09	3.00E-08
1354	625222.55	4265599.12	1.60E-07	5.50E-08	2.15E-07	1.34E-07	4.11E-08	1.75E-07	3.16E-08	1.05E-08	4.22E-08	2.47E-08	5.07E-09	2.97E-08
1355	625226.19	4265608.32	1.58E-07	5.44E-08	2.13E-07	1.32E-07	4.07E-08	1.73E-07	3.13E-08	1.04E-08	4.17E-08	2.44E-08	5.02E-09	2.94E-08
1356	625229.83	4265617.52	1.56E-07	5.38E-08	2.10E-07	1.31E-07	4.03E-08	1.71E-07	3.10E-08	1.03E-08	4.13E-08	2.41E-08	4.96E-09	2.91E-08
1357	625233.47	4265626.71	1.55E-07	5.32E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.39E-08	4.91E-09	2.88E-08
1358	625237.11	4265635.91	1.53E-07	5.26E-08	2.05E-07	1.28E-07	3.94E-08	1.67E-07	3.03E-08	1.01E-08	4.03E-08	2.36E-08	4.85E-09	2.84E-08
1359	625240.75	4265645.11	1.51E-07	5.19E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.95E-09	3.98E-08	2.33E-08	4.79E-09	2.81E-08
1360	625244.4	4265654.3	1.49E-07	5.12E-08	2.00E-07	1.25E-07	3.84E-08	1.63E-07	2.95E-08	9.82E-09	3.93E-08	2.30E-08	4.73E-09	2.77E-08
1361	625248.04	4265663.5	1.47E-07	5.06E-08	1.98E-07	1.23E-07	3.79E-08	1.61E-07	2.91E-08	9.69E-09	3.88E-08	2.27E-08	4.67E-09	2.74E-08
1362	625251.68	4265672.7	1.45E-07	4.99E-08	1.95E-07	1.21E-07	3.73E-08	1.59E-07	2.87E-08	9.55E-09	3.83E-08	2.24E-08	4.60E-09	2.70E-08
1363	624860.92	4265275.35	2.37E-07	8.16E-08	3.19E-07	1.98E-07	6.11E-08	2.59E-07	4.70E-08	1.56E-08	6.26E-08	3.66E-08	7.53E-09	4.42E-08
1364	624851.01	4265275.21	2.38E-07	8.19E-08	3.20E-07	1.99E-07	6.13E-08	2.60E-07	4.71E-08	1.57E-08	6.28E-08	3.67E-08	7.56E-09	4.43E-08

1365	624841.1	4265275.07	2.39E-07	8.21E-08	3.21E-07	2.00E-07	6.15E-08	2.61E-07	4.73E-08	1.57E-08	6.30E-08	3.68E-08	7.58E-09	4.44E-08
1366	624831.19	4265274.94	2.39E-07	8.23E-08	3.22E-07	2.00E-07	6.16E-08	2.62E-07	4.74E-08	1.58E-08	6.31E-08	3.69E-08	7.59E-09	4.45E-08
1367	624821.28	4265274.8	2.40E-07	8.24E-08	3.22E-07	2.00E-07	6.17E-08	2.62E-07	4.74E-08	1.58E-08	6.32E-08	3.70E-08	7.61E-09	4.46E-08
1368	624811.37	4265274.66	2.40E-07	8.25E-08	3.22E-07	2.01E-07	6.18E-08	2.62E-07	4.75E-08	1.58E-08	6.33E-08	3.70E-08	7.61E-09	4.46E-08
1369	624801.46	4265274.52	2.40E-07	8.25E-08	3.22E-07	2.01E-07	6.18E-08	2.62E-07	4.75E-08	1.58E-08	6.33E-08	3.70E-08	7.61E-09	4.46E-08
1370	624791.55	4265274.39	2.40E-07	8.24E-08	3.22E-07	2.00E-07	6.17E-08	2.62E-07	4.75E-08	1.58E-08	6.32E-08	3.70E-08	7.61E-09	4.46E-08
1371	624781.65	4265274.25	2.39E-07	8.23E-08	3.22E-07	2.00E-07	6.16E-08	2.62E-07	4.74E-08	1.58E-08	6.31E-08	3.69E-08	7.59E-09	4.45E-08
1372	624771.74	4265274.11	2.39E-07	8.20E-08	3.21E-07	1.99E-07	6.14E-08	2.61E-07	4.72E-08	1.57E-08	6.29E-08	3.68E-08	7.57E-09	4.44E-08
1373	624761.83	4265273.97	2.38E-07	8.17E-08	3.19E-07	1.99E-07	6.12E-08	2.60E-07	4.70E-08	1.57E-08	6.27E-08	3.67E-08	7.54E-09	4.42E-08
1374	624751.92	4265273.84	2.36E-07	8.13E-08	3.18E-07	1.98E-07	6.08E-08	2.58E-07	4.68E-08	1.56E-08	6.23E-08	3.65E-08	7.50E-09	4.40E-08
1375	624742.01	4265273.7	2.35E-07	8.07E-08	3.16E-07	1.96E-07	6.04E-08	2.57E-07	4.65E-08	1.55E-08	6.19E-08	3.62E-08	7.45E-09	4.37E-08
1376	624732.1	4265273.56	2.33E-07	8.01E-08	3.13E-07	1.95E-07	6.00E-08	2.55E-07	4.61E-08	1.53E-08	6.14E-08	3.59E-08	7.39E-09	4.33E-08
1377	624722.19	4265273.42	2.31E-07	7.93E-08	3.10E-07	1.93E-07	5.94E-08	2.52E-07	4.57E-08	1.52E-08	6.09E-08	3.56E-08	7.32E-09	4.29E-08
1378	624712.28	4265273.29	2.28E-07	7.85E-08	3.07E-07	1.91E-07	5.88E-08	2.50E-07	4.52E-08	1.50E-08	6.03E-08	3.52E-08	7.25E-09	4.25E-08
1379	624702.38	4265273.15	2.26E-07	7.77E-08	3.04E-07	1.89E-07	5.82E-08	2.47E-07	4.47E-08	1.49E-08	5.96E-08	3.49E-08	7.17E-09	4.20E-08
1380	624692.47	4265273.01	2.23E-07	7.68E-08	3.00E-07	1.87E-07	5.75E-08	2.44E-07	4.42E-08	1.47E-08	5.89E-08	3.45E-08	7.09E-09	4.16E-08
1381	624682.56	4265272.88	2.21E-07	7.59E-08	2.96E-07	1.84E-07	5.68E-08	2.41E-07	4.37E-08	1.45E-08	5.82E-08	3.40E-08	7.00E-09	4.10E-08
1382	624672.65	4265272.74	2.18E-07	7.49E-08	2.93E-07	1.82E-07	5.61E-08	2.38E-07	4.31E-08	1.43E-08	5.75E-08	3.36E-08	6.91E-09	4.05E-08
1383	624662.74	4265272.6	2.15E-07	7.39E-08	2.89E-07	1.80E-07	5.53E-08	2.35E-07	4.25E-08	1.42E-08	5.67E-08	3.32E-08	6.82E-09	4.00E-08
1384	624652.83	4265272.46	2.12E-07	7.29E-08	2.85E-07	1.77E-07	5.46E-08	2.32E-07	4.20E-08	1.40E-08	5.59E-08	3.27E-08	6.73E-09	3.94E-08
1385	624642.92	4265272.33	2.09E-07	7.19E-08	2.81E-07	1.75E-07	5.38E-08	2.29E-07	4.14E-08	1.38E-08	5.52E-08	3.23E-08	6.64E-09	3.89E-08
1386	624633.01	4265272.19	2.06E-07	7.09E-08	2.77E-07	1.72E-07	5.31E-08	2.25E-07	4.08E-08	1.36E-08	5.44E-08	3.18E-08	6.54E-09	3.84E-08
1387	624623.1	4265272.05	2.03E-07	6.99E-08	2.73E-07	1.70E-07	5.23E-08	2.22E-07	4.02E-08	1.34E-08	5.36E-08	3.14E-08	6.45E-09	3.78E-08
1388	624613.2	4265271.91	2.00E-07	6.89E-08	2.69E-07	1.68E-07	5.16E-08	2.19E-07	3.97E-08	1.32E-08	5.29E-08	3.09E-08	6.36E-09	3.73E-08
1389	624603.29	4265271.78	1.98E-07	6.79E-08	2.65E-07	1.65E-07	5.09E-08	2.16E-07	3.91E-08	1.30E-08	5.21E-08	3.05E-08	6.27E-09	3.68E-08
1390	624593.38	4265271.64	1.95E-07	6.70E-08	2.62E-07	1.63E-07	5.01E-08	2.13E-07	3.85E-08	1.28E-08	5.14E-08	3.00E-08	6.18E-09	3.62E-08
1391	624583.47	4265271.5	1.92E-07	6.60E-08	2.58E-07	1.60E-07	4.94E-08	2.10E-07	3.80E-08	1.26E-08	5.06E-08	2.96E-08	6.09E-09	3.57E-08
1392	624573.56	4265271.36	1.89E-07	6.50E-08	2.54E-07	1.58E-07	4.87E-08	2.07E-07	3.74E-08	1.25E-08	4.99E-08	2.92E-08	6.00E-09	3.52E-08
1393	624563.65	4265271.23	1.86E-07	6.41E-08	2.51E-07	1.56E-07	4.80E-08	2.04E-07	3.69E-08	1.23E-08	4.92E-08	2.88E-08	5.92E-09	3.47E-08
1394	624553.74	4265271.09	1.84E-07	6.32E-08	2.47E-07	1.54E-07	4.73E-08	2.01E-07	3.64E-08	1.21E-08	4.85E-08	2.84E-08	5.83E-09	3.42E-08
1395	624543.83	4265270.95	1.81E-07	6.23E-08	2.43E-07	1.51E-07	4.66E-08	1.98E-07	3.58E-08	1.19E-08	4.78E-08	2.79E-08	5.75E-09	3.37E-08
1396	624533.93	4265270.81	1.78E-07	6.14E-08	2.40E-07	1.49E-07	4.59E-08	1.95E-07	3.53E-08	1.18E-08	4.71E-08	2.75E-08	5.66E-09	3.32E-08
1397	624524.02	4265270.68	1.76E-07	6.05E-08	2.36E-07	1.47E-07	4.53E-08	1.92E-07	3.48E-08	1.16E-08	4.64E-08	2.71E-08	5.58E-09	3.27E-08
1398	624514.11	4265270.54	1.73E-07	5.96E-08	2.33E-07	1.45E-07	4.46E-08	1.90E-07	3.43E-08	1.14E-08	4.57E-08	2.68E-08	5.50E-09	3.23E-08
1399	624504.2	4265270.4	1.71E-07	5.88E-08	2.30E-07	1.43E-07	4.40E-08	1.87E-07	3.38E-08	1.13E-08	4.51E-08	2.64E-08	5.42E-09	3.18E-08
1400	624494.29	4265270.26	1.68E-07	5.79E-08	2.26E-07	1.41E-07	4.34E-08	1.84E-07	3.33E-08	1.11E-08	4.44E-08	2.60E-08	5.34E-09	3.13E-08
1401	624484.38	4265270.13	1.66E-07	5.71E-08	2.23E-07	1.39E-07	4.27E-08	1.81E-07	3.28E-08	1.09E-08	4.38E-08	2.56E-08	5.27E-09	3.09E-08
1402	624474.47	4265269.99	1.63E-07	5.62E-08	2.20E-07	1.37E-07	4.21E-08	1.79E-07	3.24E-08	1.08E-08	4.31E-08	2.52E-08	5.19E-09	3.04E-08
1403	624464.56	4265269.85	1.61E-07	5.54E-08	2.16E-07	1.35E-07	4.15E-08	1.76E-07	3.19E-08	1.06E-08	4.25E-08	2.49E-08	5.11E-09	3.00E-08
1404	624454.66	4265269.72	1.59E-07	5.46E-08	2.13E-07	1.33E-07	4.09E-08	1.74E-07	3.14E-08	1.05E-08	4.19E-08	2.45E-08	5.04E-09	2.95E-08
1405	624444.75	4265269.58	1.56E-07	5.38E-08	2.10E-07	1.31E-07	4.03E-08	1.71E-07	3.10E-08	1.03E-08	4.13E-08	2.41E-08	4.96E-09	2.91E-08
1406	624434.84	4265269.44	1.54E-07	5.30E-08	2.07E-07	1.29E-07	3.97E-08	1.68E-07	3.05E-08	1.01E-08	4.06E-08	2.38E-08	4.89E-09	2.87E-08
1407	624424.93	4265269.3	1.52E-07	5.22E-08	2.04E-07	1.27E-07	3.91E-08	1.66E-07	3.00E-08	9.99E-09	4.00E-08	2.34E-08	4.81E-09	2.82E-08
1408	624415.02	4265269.17	1.49E-07	5.13E-08	2.01E-07	1.25E-07	3.84E-08	1.63E-07	2.96E-08	9.84E-09	3.94E-08	2.30E-08	4.74E-09	2.78E-08
1409	624405.11	4265269.03	1.47E-07	5.05E-08	1.97E-07	1.23E-07	3.78E-08	1.61E-07	2.91E-08	9.68E-09	3.88E-08	2.27E-08	4.66E-09	2.73E-08
1410	624395.2	4265268.89	1.45E-07	4.97E-08	1.94E-07	1.21E-07	3.72E-08	1.58E-07	2.86E-08	9.52E-09	3.81E-08	2.23E-08	4.59E-09	2.69E-08
1411	624385.29	4265268.75	1.42E-07	4.89E-08	1.91E-07	1.19E-07	3.66E-08	1.55E-07	2.81E-08	9.37E-09	3.75E-08	2.19E-08	4.51E-09	2.64E-08
1412	624375.38	4265268.62	1.40E-07	4.81E-08	1.88E-07	1.17E-07	3.60E-08	1.53E-07	2.77E-08	9.21E-09	3.69E-08	2.16E-08	4.44E-09	2.60E-08
1413	624365.48	4265268.48	1.37E-07	4.72E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.05E-09	3.62E-08	2.12E-08	4.36E-09	2.56E-08
1414	624870.66	4265229.26	2.11E-07	7.26E-08	2.84E-07	1.76E-07	5.43E-08	2.31E-07	4.18E-08	1.39E-08	5.57E-08	3.26E-08	6.70E-09	3.93E-08
1415	624879.71	4265233.16	2.12E-07	7.30E-08	2.85E-07	1.77E-07	5.47E-08	2.32E-07	4.20E-08	1.40E-08	5.60E-08	3.28E-08	6.74E-09	3.95E-08
1416	624888.76	4265237.06	2.13E-07	7.34E-08	2.87E-07	1.78E-07	5.50E-08	2.33E-07	4.23E-08	1.41E-08	5.63E-08	3.29E-08	6.77E-09	3.97E-08
1417	624897.81	4265240.97	2.15E-07	7.38E-08	2.88E-07	1.79E-07	5.52E-08	2.35E-07	4.25E-08	1.41E-08	5.66E-08	3.31E-08	6.81E-09	3.99E-08
1418	624906.86	4265244.87	2.15E-07	7.41E-08	2.89E-07	1.80E-07	5.55E-08	2.36E-07	4.26E-08	1.42E-08	5.68E-08	3.32E-08	6.84E-09	4.01E-08
1419	624915.91	4265248.77	2.16E-07	7.43E-08	2.91E-07	1.81E-07	5.57E-08	2.36E-07	4.28E-08	1.42E-08	5.70E-08	3.34E-08	6.86E-09	4.02E-08
1420	624924.96	4265252.68	2.17E-07	7.46E-08	2.91E-07	1.81E-07	5.58E-08	2.37E-07	4.29E-08	1.43E-08	5.72E-08	3.35E-08	6.88E-09	4.03E-08
1421	624934.01	4265256.58	2.17E-07	7.47E-08	2.92E-07	1.82E-07	5.59E-08	2.38E-07	4.30E-08	1.43E-08	5.73E-08	3.35E-08	6.89E-09	4.04E-08
1422	624943.06	4265260.48	2.18E-07	7.48E-08	2.92E-07	1.82E-07	5.60E-08	2.38E-07	4.31E-08	1.43E-08	5.74E-08	3.36E-08	6.90E-09	4.05E-08
1423	624952.11	4265264.39	2.18E-07	7.48E-08	2.93E-07	1.82E-07	5.60E-08	2.38E-07	4.31E-08	1.43E-08	5.74E-08	3.36E-08	6.91E-09	4.05E-08
1424	624961.16	4265268.29	2.18E-07	7.48E-08	2.92E-07	1.82E-07	5.60E-08	2.38E-07	4.31E-08	1.43E-08	5.74E-08	3.36E-08	6.90E-09	4.05E-08
1425	624970.21	4265272.19	2.17E-07	7.47E-08	2.92E-07	1.82E-07	5.59E-08	2.38E-07	4.30E-08	1.43E-08	5.73E-08	3.35E-08	6.90E-09	4.04E-08
1426	624979.26	4265276.1	2.17E-07	7.45E-08	2.91E-07	1.81E-07	5.58E-08	2.37E-07	4.29E-08	1.43E-08	5.72E-08	3.34E-08	6.88E-09	4.03E-08
1427	624988.31	4265280	2.16E-07	7.43E-08	2.90E-07	1.81E-07	5.56E-08	2.36E-07	4.28E-08	1.42E-08	5.70E-08	3.33E-08	6.86E-09	4.02E-08
1428	624997.36	4265283.9	2.15E-07	7.39E-08	2.89E-07	1.80E-07	5.54E-08	2.35E-07	4.26E-08	1.42E-08	5.67E-08	3.32E-08	6.82E-09	4.00E-08
1429	625006.41	4265287.81	2.14E-07	7.35E-08	2.87E-07	1.79E-07	5.51E-08	2.34E-07	4.23E-08	1.41E-08	5.64E-08	3.30E-08	6.79E-09	3.98E-08
1430	625015.46	4265291.71	2.12E-07	7.30E-08	2.85E-07	1.78E-07	5.47E-08	2.32E-07	4.20E-08	1.40E-08	5.60E-08	3.28E-08	6.74E-09	3.95E-08
1431	625024.51	4265295.62	2.11E-07	7.24E-08	2.83E-07	1.76E-07	5.42E-08	2.30E-07	4.17E-08	1.39E-08	5.56E-08	3.25E-08	6.69E-09	3.92E-08
1432	625033.56	4265299.52	2.09E-07	7.18E-08	2.81E-07	1.74E-07	5.37E-08	2.28E-07	4.13E-08	1.38E-08	5.51E-08	3.22E-08	6.62E-09	3.88E-08
1433	625042.61	4265303.42	2.07E-07	7.10E-08	2.78E-07	1.73E-07	5.32E-08	2.26E-07	4.09E-08	1.36E-08	5.45E-08	3.19E-08	6.56E-09	3.84E-08
1434	625051.66	4265307.33	2.04E-07	7.03E-08	2.75E-07	1.71E-07	5.26E-08	2.23E-07	4.04E-08	1.35E-08	5.39E-08	3.15E-08	6.48E-09	3.80E-08
1435	625060.71	4265311.23	2.02E-07	6.94E-08	2.71E-07	1.69E-07	5.20E-08	2.21E-07	3.99E-08	1.33E-08	5.32E-08	3.11E-08	6.40E-09	3.75E-08
1436	625069.76	4265315.13	1.99E-07	6.85E-08	2.68E-07	1.66E-07	5.13E-08	2.18E-07	3.94E-08	1.31E-08	5.25E-08	3.07E-08	6.32E-09	3.70E-08

1437	625078.81	4265319.04	1.96E-07	6.75E-08	2.64E-07	1.64E-07	5.05E-08	2.15E-07	3.89E-08	1.29E-08	5.18E-08	3.03E-08	6.23E-09	3.65E-08
1438	625087.86	4265322.94	1.93E-07	6.65E-08	2.60E-07	1.62E-07	4.98E-08	2.11E-07	3.83E-08	1.27E-08	5.10E-08	2.98E-08	6.13E-09	3.60E-08
1439	625096.91	4265326.84	1.90E-07	6.54E-08	2.56E-07	1.59E-07	4.90E-08	2.08E-07	3.76E-08	1.25E-08	5.02E-08	2.93E-08	6.04E-09	3.54E-08
1440	625105.96	4265330.75	1.87E-07	6.43E-08	2.51E-07	1.56E-07	4.81E-08	2.04E-07	3.70E-08	1.23E-08	4.93E-08	2.89E-08	5.93E-09	3.48E-08
1441	625115.01	4265334.65	1.84E-07	6.32E-08	2.47E-07	1.54E-07	4.73E-08	2.01E-07	3.64E-08	1.21E-08	4.85E-08	2.84E-08	5.83E-09	3.42E-08
1442	625124.06	4265338.55	1.80E-07	6.21E-08	2.43E-07	1.51E-07	4.65E-08	1.97E-07	3.57E-08	1.19E-08	4.76E-08	2.79E-08	5.73E-09	3.36E-08
1443	625133.11	4265342.46	1.77E-07	6.09E-08	2.38E-07	1.48E-07	4.56E-08	1.94E-07	3.51E-08	1.17E-08	4.67E-08	2.73E-08	5.62E-09	3.30E-08
1444	625142.16	4265346.36	1.74E-07	5.98E-08	2.34E-07	1.45E-07	4.48E-08	1.90E-07	3.44E-08	1.15E-08	4.59E-08	2.68E-08	5.52E-09	3.23E-08
1445	625151.21	4265350.26	1.71E-07	5.87E-08	2.29E-07	1.43E-07	4.39E-08	1.87E-07	3.38E-08	1.12E-08	4.50E-08	2.63E-08	5.41E-09	3.17E-08
1446	625160.26	4265354.17	1.67E-07	5.75E-08	2.25E-07	1.40E-07	4.31E-08	1.83E-07	3.31E-08	1.10E-08	4.41E-08	2.58E-08	5.31E-09	3.11E-08
1447	625169.31	4265358.07	1.64E-07	5.64E-08	2.20E-07	1.37E-07	4.22E-08	1.79E-07	3.25E-08	1.08E-08	4.33E-08	2.53E-08	5.21E-09	3.05E-08
1448	625181.98	4265371.14	1.61E-07	5.52E-08	2.16E-07	1.34E-07	4.13E-08	1.76E-07	3.18E-08	1.06E-08	4.24E-08	2.48E-08	5.09E-09	2.99E-08
1449	625185.61	4265380.3	1.60E-07	5.51E-08	2.15E-07	1.34E-07	4.12E-08	1.75E-07	3.17E-08	1.06E-08	4.22E-08	2.47E-08	5.08E-09	2.98E-08
1450	625189.24	4265389.47	1.60E-07	5.49E-08	2.15E-07	1.33E-07	4.11E-08	1.75E-07	3.16E-08	1.05E-08	4.21E-08	2.46E-08	5.07E-09	2.97E-08
1451	625192.87	4265398.63	1.59E-07	5.48E-08	2.14E-07	1.33E-07	4.10E-08	1.74E-07	3.15E-08	1.05E-08	4.20E-08	2.46E-08	5.05E-09	2.96E-08
1452	625196.49	4265407.79	1.59E-07	5.46E-08	2.13E-07	1.33E-07	4.09E-08	1.74E-07	3.14E-08	1.05E-08	4.19E-08	2.45E-08	5.04E-09	2.95E-08
1453	625200.12	4265416.96	1.58E-07	5.44E-08	2.13E-07	1.32E-07	4.07E-08	1.73E-07	3.13E-08	1.04E-08	4.17E-08	2.44E-08	5.02E-09	2.94E-08
1454	625203.75	4265426.12	1.58E-07	5.42E-08	2.12E-07	1.32E-07	4.06E-08	1.72E-07	3.12E-08	1.04E-08	4.16E-08	2.43E-08	5.00E-09	2.93E-08
1455	625207.37	4265435.29	1.57E-07	5.40E-08	2.11E-07	1.31E-07	4.04E-08	1.72E-07	3.11E-08	1.03E-08	4.14E-08	2.42E-08	4.98E-09	2.92E-08
1456	625211	4265444.45	1.56E-07	5.37E-08	2.10E-07	1.31E-07	4.02E-08	1.71E-07	3.09E-08	1.03E-08	4.12E-08	2.41E-08	4.96E-09	2.91E-08
1457	625214.63	4265453.61	1.55E-07	5.35E-08	2.09E-07	1.30E-07	4.00E-08	1.70E-07	3.08E-08	1.02E-08	4.10E-08	2.40E-08	4.93E-09	2.89E-08
1458	625218.26	4265462.78	1.55E-07	5.32E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.39E-08	4.91E-09	2.88E-08
1459	625221.88	4265471.94	1.54E-07	5.29E-08	2.07E-07	1.29E-07	3.96E-08	1.68E-07	3.05E-08	1.01E-08	4.06E-08	2.37E-08	4.88E-09	2.86E-08
1460	625225.51	4265481.11	1.53E-07	5.26E-08	2.06E-07	1.28E-07	3.94E-08	1.67E-07	3.03E-08	1.01E-08	4.04E-08	2.36E-08	4.86E-09	2.85E-08
1461	625229.14	4265490.27	1.52E-07	5.23E-08	2.05E-07	1.27E-07	3.92E-08	1.66E-07	3.01E-08	1.00E-08	4.01E-08	2.35E-08	4.83E-09	2.83E-08
1462	625232.76	4265499.44	1.51E-07	5.20E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.97E-09	3.99E-08	2.33E-08	4.80E-09	2.81E-08
1463	625236.39	4265508.6	1.50E-07	5.17E-08	2.02E-07	1.26E-07	3.87E-08	1.64E-07	2.98E-08	9.90E-09	3.97E-08	2.32E-08	4.77E-09	2.80E-08
1464	625240.02	4265517.76	1.49E-07	5.13E-08	2.01E-07	1.25E-07	3.84E-08	1.63E-07	2.96E-08	9.84E-09	3.94E-08	2.30E-08	4.74E-09	2.78E-08
1465	625243.65	4265526.93	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.94E-08	9.77E-09	3.91E-08	2.29E-08	4.71E-09	2.76E-08
1466	625247.27	4265536.09	1.47E-07	5.06E-08	1.98E-07	1.23E-07	3.79E-08	1.61E-07	2.91E-08	9.70E-09	3.88E-08	2.27E-08	4.67E-09	2.74E-08
1467	625250.9	4265545.26	1.46E-07	5.02E-08	1.96E-07	1.22E-07	3.76E-08	1.60E-07	2.89E-08	9.63E-09	3.85E-08	2.25E-08	4.64E-09	2.72E-08
1468	625254.53	4265554.42	1.45E-07	4.98E-08	1.95E-07	1.21E-07	3.73E-08	1.58E-07	2.87E-08	9.55E-09	3.82E-08	2.24E-08	4.60E-09	2.70E-08
1469	625258.16	4265563.58	1.44E-07	4.94E-08	1.93E-07	1.20E-07	3.70E-08	1.57E-07	2.85E-08	9.47E-09	3.79E-08	2.22E-08	4.56E-09	2.67E-08
1470	625261.78	4265572.75	1.43E-07	4.90E-08	1.92E-07	1.19E-07	3.67E-08	1.56E-07	2.82E-08	9.39E-09	3.76E-08	2.20E-08	4.52E-09	2.65E-08
1471	625265.41	4265581.91	1.41E-07	4.86E-08	1.90E-07	1.18E-07	3.64E-08	1.54E-07	2.80E-08	9.31E-09	3.73E-08	2.18E-08	4.48E-09	2.63E-08
1472	625269.04	4265591.08	1.40E-07	4.81E-08	1.88E-07	1.17E-07	3.60E-08	1.53E-07	2.77E-08	9.22E-09	3.69E-08	2.16E-08	4.44E-09	2.60E-08
1473	625272.66	4265600.24	1.39E-07	4.76E-08	1.86E-07	1.16E-07	3.57E-08	1.51E-07	2.74E-08	9.13E-09	3.66E-08	2.14E-08	4.40E-09	2.58E-08
1474	625276.29	4265609.4	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.04E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
1475	625279.92	4265618.57	1.36E-07	4.66E-08	1.82E-07	1.13E-07	3.49E-08	1.48E-07	2.69E-08	8.94E-09	3.58E-08	2.09E-08	4.31E-09	2.52E-08
1476	625283.55	4265627.73	1.34E-07	4.61E-08	1.80E-07	1.12E-07	3.45E-08	1.47E-07	2.65E-08	8.84E-09	3.54E-08	2.07E-08	4.26E-09	2.50E-08
1477	625287.17	4265636.9	1.33E-07	4.56E-08	1.78E-07	1.11E-07	3.41E-08	1.45E-07	2.62E-08	8.73E-09	3.50E-08	2.05E-08	4.21E-09	2.47E-08
1478	625290.8	4265646.06	1.31E-07	4.50E-08	1.76E-07	1.09E-07	3.37E-08	1.43E-07	2.59E-08	8.63E-09	3.45E-08	2.02E-08	4.16E-09	2.44E-08
1479	625294.43	4265655.23	1.29E-07	4.45E-08	1.74E-07	1.08E-07	3.33E-08	1.41E-07	2.56E-08	8.52E-09	3.41E-08	1.99E-08	4.10E-09	2.40E-08
1480	625298.05	4265664.39	1.28E-07	4.39E-08	1.71E-07	1.07E-07	3.28E-08	1.39E-07	2.52E-08	8.40E-09	3.37E-08	1.97E-08	4.05E-09	2.37E-08
1481	625301.68	4265673.55	1.26E-07	4.33E-08	1.69E-07	1.05E-07	3.24E-08	1.38E-07	2.49E-08	8.29E-09	3.32E-08	1.94E-08	3.99E-09	2.34E-08
1482	624861.61	4265225.35	2.10E-07	7.21E-08	2.82E-07	1.75E-07	5.40E-08	2.29E-07	4.15E-08	1.38E-08	5.53E-08	3.23E-08	6.65E-09	3.90E-08
1483	624851.7	4265225.22	2.10E-07	7.22E-08	2.82E-07	1.75E-07	5.40E-08	2.29E-07	4.15E-08	1.38E-08	5.54E-08	3.24E-08	6.66E-09	3.90E-08
1484	624841.79	4265225.08	2.10E-07	7.22E-08	2.82E-07	1.76E-07	5.41E-08	2.30E-07	4.16E-08	1.38E-08	5.54E-08	3.24E-08	6.67E-09	3.91E-08
1485	624831.88	4265224.94	2.10E-07	7.23E-08	2.82E-07	1.76E-07	5.41E-08	2.30E-07	4.16E-08	1.38E-08	5.55E-08	3.24E-08	6.67E-09	3.91E-08
1486	624821.97	4265224.8	2.10E-07	7.23E-08	2.82E-07	1.76E-07	5.41E-08	2.30E-07	4.16E-08	1.38E-08	5.55E-08	3.24E-08	6.67E-09	3.91E-08
1487	624812.07	4265224.67	2.10E-07	7.22E-08	2.82E-07	1.76E-07	5.41E-08	2.30E-07	4.16E-08	1.38E-08	5.54E-08	3.24E-08	6.67E-09	3.91E-08
1488	624802.16	4265224.53	2.10E-07	7.21E-08	2.82E-07	1.75E-07	5.40E-08	2.29E-07	4.15E-08	1.38E-08	5.53E-08	3.24E-08	6.66E-09	3.90E-08
1489	624792.25	4265224.39	2.09E-07	7.19E-08	2.81E-07	1.75E-07	5.39E-08	2.29E-07	4.14E-08	1.38E-08	5.52E-08	3.23E-08	6.64E-09	3.89E-08
1490	624782.34	4265224.25	2.09E-07	7.17E-08	2.80E-07	1.74E-07	5.37E-08	2.28E-07	4.13E-08	1.37E-08	5.50E-08	3.22E-08	6.62E-09	3.88E-08
1491	624772.43	4265224.12	2.08E-07	7.14E-08	2.79E-07	1.74E-07	5.35E-08	2.27E-07	4.11E-08	1.37E-08	5.48E-08	3.20E-08	6.59E-09	3.86E-08
1492	624762.52	4265223.98	2.07E-07	7.10E-08	2.78E-07	1.73E-07	5.32E-08	2.26E-07	4.09E-08	1.36E-08	5.45E-08	3.19E-08	6.55E-09	3.84E-08
1493	624752.61	4265223.84	2.05E-07	7.06E-08	2.76E-07	1.72E-07	5.28E-08	2.24E-07	4.06E-08	1.35E-08	5.41E-08	3.17E-08	6.51E-09	3.82E-08
1494	624742.7	4265223.7	2.04E-07	7.01E-08	2.74E-07	1.70E-07	5.24E-08	2.23E-07	4.03E-08	1.34E-08	5.37E-08	3.14E-08	6.46E-09	3.79E-08
1495	624732.79	4265223.57	2.02E-07	6.94E-08	2.71E-07	1.69E-07	5.20E-08	2.21E-07	4.00E-08	1.33E-08	5.33E-08	3.12E-08	6.41E-09	3.76E-08
1496	624722.89	4265223.43	2.00E-07	6.87E-08	2.69E-07	1.67E-07	5.15E-08	2.19E-07	3.96E-08	1.32E-08	5.27E-08	3.08E-08	6.34E-09	3.72E-08
1497	624712.98	4265223.29	1.98E-07	6.80E-08	2.66E-07	1.65E-07	5.09E-08	2.16E-07	3.91E-08	1.30E-08	5.22E-08	3.05E-08	6.28E-09	3.68E-08
1498	624703.07	4265223.15	1.96E-07	6.72E-08	2.63E-07	1.63E-07	5.03E-08	2.14E-07	3.87E-08	1.29E-08	5.16E-08	3.02E-08	6.21E-09	3.64E-08
1499	624693.16	4265223.02	1.93E-07	6.64E-08	2.60E-07	1.61E-07	4.97E-08	2.11E-07	3.82E-08	1.27E-08	5.10E-08	2.98E-08	6.13E-09	3.59E-08
1500	624683.25	4265222.88	1.91E-07	6.56E-08	2.56E-07	1.59E-07	4.91E-08	2.08E-07	3.77E-08	1.26E-08	5.03E-08	2.94E-08	6.05E-09	3.55E-08
1501	624673.34	4265222.74	1.88E-07	6.47E-08	2.53E-07	1.57E-07	4.84E-08	2.06E-07	3.72E-08	1.24E-08	4.96E-08	2.90E-08	5.97E-09	3.50E-08
1502	624663.43	4265222.61	1.86E-07	6.38E-08	2.49E-07	1.55E-07	4.78E-08	2.03E-07	3.67E-08	1.22E-08	4.90E-08	2.86E-08	5.89E-09	3.45E-08
1503	624653.52	4265222.47	1.83E-07	6.29E-08	2.46E-07	1.53E-07	4.71E-08	2.00E-07	3.62E-08	1.21E-08	4.83E-08	2.82E-08	5.81E-09	3.41E-08
1504	624643.62	4265222.33	1.81E-07	6.21E-08	2.43E-07	1.51E-07	4.65E-08	1.97E-07	3.57E-08	1.19E-08	4.76E-08	2.79E-08	5.73E-09	3.36E-08
1505	624633.71	4265222.19	1.78E-07	6.12E-08	2.39E-07	1.49E-07	4.58E-08	1.95E-07	3.52E-08	1.17E-08	4.70E-08	2.75E-08	5.65E-09	3.31E-08
1506	624623.8	4265222.06	1.76E-07	6.04E-08	2.36E-07	1.47E-07	4.52E-08	1.92E-07	3.47E-08	1.16E-08	4.63E-08	2.71E-08	5.57E-09	3.27E-08
1507	624613.89	4265221.92	1.73E-07	5.95E-08	2.33E-07	1.45E-07	4.46E-08	1.89E-07	3.43E-08	1.14E-08	4.57E-08	2.67E-08	5.49E-09	3.22E-08
1508	624603.98	4265221.78	1.71E-07	5.87E-08	2.29E-07	1.43E-07	4.40E-08	1.87E-07	3.38E-08	1.12E-08	4.50E-08	2.63E-08	5.42E-09	3.18E-08

1509	624594.07	4265221.64	1.68E-07	5.79E-08	2.26E-07	1.41E-07	4.34E-08	1.84E-07	3.33E-08	1.11E-08	4.44E-08	2.60E-08	5.35E-09	3.13E-08
1510	624584.16	4265221.51	1.66E-07	5.72E-08	2.23E-07	1.39E-07	4.28E-08	1.82E-07	3.29E-08	1.10E-08	4.39E-08	2.57E-08	5.28E-09	3.09E-08
1511	624574.25	4265221.37	1.64E-07	5.64E-08	2.20E-07	1.37E-07	4.22E-08	1.79E-07	3.25E-08	1.08E-08	4.33E-08	2.53E-08	5.21E-09	3.05E-08
1512	624564.35	4265221.23	1.62E-07	5.57E-08	2.18E-07	1.35E-07	4.17E-08	1.77E-07	3.21E-08	1.07E-08	4.27E-08	2.50E-08	5.14E-09	3.01E-08
1513	624554.44	4265221.09	1.60E-07	5.50E-08	2.15E-07	1.34E-07	4.12E-08	1.75E-07	3.16E-08	1.05E-08	4.22E-08	2.47E-08	5.07E-09	2.97E-08
1514	624544.53	4265220.96	1.58E-07	5.43E-08	2.12E-07	1.32E-07	4.06E-08	1.73E-07	3.12E-08	1.04E-08	4.16E-08	2.44E-08	5.01E-09	2.94E-08
1515	624534.62	4265220.82	1.56E-07	5.36E-08	2.09E-07	1.30E-07	4.01E-08	1.70E-07	3.08E-08	1.03E-08	4.11E-08	2.40E-08	4.95E-09	2.90E-08
1516	624524.71	4265220.68	1.54E-07	5.29E-08	2.07E-07	1.29E-07	3.96E-08	1.68E-07	3.05E-08	1.01E-08	4.06E-08	2.37E-08	4.88E-09	2.86E-08
1517	624514.8	4265220.54	1.52E-07	5.23E-08	2.04E-07	1.27E-07	3.91E-08	1.66E-07	3.01E-08	1.00E-08	4.01E-08	2.35E-08	4.82E-09	2.83E-08
1518	624504.89	4265220.41	1.50E-07	5.16E-08	2.02E-07	1.25E-07	3.87E-08	1.64E-07	2.97E-08	9.89E-09	3.96E-08	2.32E-08	4.76E-09	2.79E-08
1519	624494.98	4265220.27	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.93E-08	9.76E-09	3.91E-08	2.29E-08	4.70E-09	2.76E-08
1520	624485.07	4265220.13	1.46E-07	5.03E-08	1.97E-07	1.22E-07	3.77E-08	1.60E-07	2.90E-08	9.64E-09	3.86E-08	2.26E-08	4.64E-09	2.72E-08
1521	624475.17	4265219.99	1.44E-07	4.97E-08	1.94E-07	1.21E-07	3.72E-08	1.58E-07	2.86E-08	9.51E-09	3.81E-08	2.23E-08	4.58E-09	2.69E-08
1522	624465.26	4265219.86	1.43E-07	4.90E-08	1.92E-07	1.19E-07	3.67E-08	1.56E-07	2.82E-08	9.39E-09	3.76E-08	2.20E-08	4.52E-09	2.65E-08
1523	624455.35	4265219.72	1.41E-07	4.84E-08	1.89E-07	1.18E-07	3.62E-08	1.54E-07	2.79E-08	9.27E-09	3.71E-08	2.17E-08	4.47E-09	2.62E-08
1524	624445.44	4265219.58	1.39E-07	4.78E-08	1.87E-07	1.16E-07	3.58E-08	1.52E-07	2.75E-08	9.15E-09	3.66E-08	2.14E-08	4.41E-09	2.58E-08
1525	624435.53	4265219.45	1.37E-07	4.71E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.03E-09	3.62E-08	2.11E-08	4.35E-09	2.55E-08
1526	624425.62	4265219.31	1.35E-07	4.65E-08	1.82E-07	1.13E-07	3.48E-08	1.48E-07	2.68E-08	8.91E-09	3.57E-08	2.09E-08	4.29E-09	2.51E-08
1527	624415.71	4265219.17	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.78E-09	3.52E-08	2.06E-08	4.23E-09	2.48E-08
1528	624405.8	4265219.03	1.31E-07	4.52E-08	1.77E-07	1.10E-07	3.38E-08	1.44E-07	2.60E-08	8.66E-09	3.47E-08	2.03E-08	4.17E-09	2.44E-08
1529	624395.9	4265218.9	1.30E-07	4.45E-08	1.74E-07	1.08E-07	3.33E-08	1.42E-07	2.56E-08	8.53E-09	3.42E-08	2.00E-08	4.11E-09	2.41E-08
1530	624385.99	4265218.76	1.28E-07	4.39E-08	1.71E-07	1.07E-07	3.29E-08	1.39E-07	2.53E-08	8.41E-09	3.37E-08	1.97E-08	4.05E-09	2.37E-08
1531	624376.08	4265218.62	1.26E-07	4.32E-08	1.69E-07	1.05E-07	3.23E-08	1.37E-07	2.49E-08	8.28E-09	3.31E-08	1.94E-08	3.99E-09	2.34E-08
1532	624366.17	4265218.48	1.24E-07	4.25E-08	1.66E-07	1.03E-07	3.18E-08	1.35E-07	2.45E-08	8.15E-09	3.26E-08	1.91E-08	3.93E-09	2.30E-08
1533	624871.33	4265179.25	1.88E-07	6.45E-08	2.52E-07	1.57E-07	4.83E-08	2.05E-07	3.71E-08	1.24E-08	4.95E-08	2.89E-08	5.95E-09	3.49E-08
1534	624880.35	4265183.14	1.89E-07	6.50E-08	2.54E-07	1.58E-07	4.86E-08	2.07E-07	3.74E-08	1.24E-08	4.98E-08	2.91E-08	5.99E-09	3.51E-08
1535	624889.37	4265187.04	1.90E-07	6.54E-08	2.56E-07	1.59E-07	4.90E-08	2.08E-07	3.76E-08	1.25E-08	5.02E-08	2.93E-08	6.04E-09	3.54E-08
1536	624898.4	4265190.93	1.91E-07	6.58E-08	2.57E-07	1.60E-07	4.93E-08	2.09E-07	3.79E-08	1.26E-08	5.05E-08	2.95E-08	6.07E-09	3.56E-08
1537	624907.42	4265194.82	1.92E-07	6.62E-08	2.59E-07	1.61E-07	4.95E-08	2.10E-07	3.81E-08	1.27E-08	5.08E-08	2.97E-08	6.11E-09	3.58E-08
1538	624916.45	4265198.71	1.93E-07	6.65E-08	2.60E-07	1.62E-07	4.98E-08	2.11E-07	3.83E-08	1.27E-08	5.10E-08	2.98E-08	6.14E-09	3.60E-08
1539	624925.47	4265202.6	1.94E-07	6.68E-08	2.61E-07	1.62E-07	5.00E-08	2.12E-07	3.84E-08	1.28E-08	5.12E-08	3.00E-08	6.16E-09	3.61E-08
1540	624934.5	4265206.5	1.95E-07	6.70E-08	2.62E-07	1.63E-07	5.02E-08	2.13E-07	3.86E-08	1.28E-08	5.14E-08	3.01E-08	6.18E-09	3.63E-08
1541	624943.52	4265210.39	1.95E-07	6.72E-08	2.63E-07	1.63E-07	5.03E-08	2.14E-07	3.87E-08	1.29E-08	5.16E-08	3.02E-08	6.20E-09	3.64E-08
1542	624952.54	4265214.28	1.96E-07	6.74E-08	2.63E-07	1.64E-07	5.04E-08	2.14E-07	3.88E-08	1.29E-08	5.17E-08	3.02E-08	6.22E-09	3.64E-08
1543	624961.57	4265218.17	1.96E-07	6.75E-08	2.64E-07	1.64E-07	5.05E-08	2.14E-07	3.88E-08	1.29E-08	5.18E-08	3.03E-08	6.23E-09	3.65E-08
1544	624970.59	4265222.07	1.96E-07	6.75E-08	2.64E-07	1.64E-07	5.05E-08	2.15E-07	3.89E-08	1.29E-08	5.18E-08	3.03E-08	6.23E-09	3.65E-08
1545	624979.62	4265225.96	1.96E-07	6.75E-08	2.64E-07	1.64E-07	5.05E-08	2.15E-07	3.88E-08	1.29E-08	5.18E-08	3.03E-08	6.23E-09	3.65E-08
1546	624988.64	4265229.85	1.96E-07	6.74E-08	2.63E-07	1.64E-07	5.05E-08	2.14E-07	3.88E-08	1.29E-08	5.17E-08	3.03E-08	6.22E-09	3.65E-08
1547	624997.66	4265233.74	1.96E-07	6.73E-08	2.63E-07	1.64E-07	5.04E-08	2.14E-07	3.87E-08	1.29E-08	5.16E-08	3.02E-08	6.21E-09	3.64E-08
1548	625006.69	4265237.64	1.95E-07	6.71E-08	2.62E-07	1.63E-07	5.02E-08	2.13E-07	3.86E-08	1.29E-08	5.15E-08	3.01E-08	6.19E-09	3.63E-08
1549	625015.71	4265241.53	1.94E-07	6.68E-08	2.61E-07	1.62E-07	5.00E-08	2.12E-07	3.85E-08	1.28E-08	5.13E-08	3.00E-08	6.17E-09	3.61E-08
1550	625024.74	4265245.42	1.93E-07	6.65E-08	2.60E-07	1.62E-07	4.98E-08	2.11E-07	3.83E-08	1.27E-08	5.10E-08	2.98E-08	6.14E-09	3.60E-08
1551	625033.76	4265249.31	1.92E-07	6.61E-08	2.58E-07	1.61E-07	4.95E-08	2.10E-07	3.80E-08	1.27E-08	5.07E-08	2.97E-08	6.10E-09	3.58E-08
1552	625042.79	4265253.2	1.91E-07	6.56E-08	2.57E-07	1.60E-07	4.91E-08	2.09E-07	3.78E-08	1.26E-08	5.04E-08	2.95E-08	6.06E-09	3.55E-08
1553	625051.81	4265257.1	1.89E-07	6.51E-08	2.54E-07	1.58E-07	4.87E-08	2.07E-07	3.75E-08	1.25E-08	4.99E-08	2.92E-08	6.01E-09	3.52E-08
1554	625060.83	4265260.99	1.88E-07	6.45E-08	2.52E-07	1.57E-07	4.83E-08	2.05E-07	3.71E-08	1.24E-08	4.95E-08	2.89E-08	5.95E-09	3.49E-08
1555	625069.86	4265264.88	1.86E-07	6.38E-08	2.49E-07	1.55E-07	4.78E-08	2.03E-07	3.67E-08	1.22E-08	4.90E-08	2.86E-08	5.89E-09	3.45E-08
1556	625078.88	4265268.77	1.84E-07	6.31E-08	2.47E-07	1.53E-07	4.73E-08	2.01E-07	3.63E-08	1.21E-08	4.84E-08	2.83E-08	5.83E-09	3.42E-08
1557	625087.91	4265272.67	1.81E-07	6.24E-08	2.44E-07	1.52E-07	4.67E-08	1.98E-07	3.59E-08	1.19E-08	4.78E-08	2.80E-08	5.76E-09	3.37E-08
1558	625096.93	4265276.56	1.79E-07	6.15E-08	2.41E-07	1.50E-07	4.61E-08	1.96E-07	3.54E-08	1.18E-08	4.72E-08	2.76E-08	5.68E-09	3.33E-08
1559	625105.95	4265280.45	1.77E-07	6.07E-08	2.37E-07	1.48E-07	4.54E-08	1.93E-07	3.49E-08	1.16E-08	4.66E-08	2.72E-08	5.60E-09	3.28E-08
1560	625114.98	4265284.34	1.74E-07	5.98E-08	2.34E-07	1.45E-07	4.48E-08	1.90E-07	3.44E-08	1.15E-08	4.59E-08	2.68E-08	5.52E-09	3.24E-08
1561	625124	4265288.24	1.71E-07	5.89E-08	2.30E-07	1.43E-07	4.41E-08	1.87E-07	3.39E-08	1.13E-08	4.52E-08	2.64E-08	5.43E-09	3.19E-08
1562	625133.03	4265292.13	1.69E-07	5.80E-08	2.26E-07	1.41E-07	4.34E-08	1.84E-07	3.34E-08	1.11E-08	4.45E-08	2.60E-08	5.35E-09	3.14E-08
1563	625142.05	4265296.02	1.66E-07	5.70E-08	2.23E-07	1.39E-07	4.27E-08	1.81E-07	3.28E-08	1.09E-08	4.37E-08	2.56E-08	5.26E-09	3.08E-08
1564	625151.07	4265299.91	1.63E-07	5.60E-08	2.19E-07	1.36E-07	4.20E-08	1.78E-07	3.23E-08	1.07E-08	4.30E-08	2.51E-08	5.17E-09	3.03E-08
1565	625160.1	4265303.8	1.60E-07	5.51E-08	2.15E-07	1.34E-07	4.12E-08	1.75E-07	3.17E-08	1.06E-08	4.22E-08	2.47E-08	5.08E-09	2.98E-08
1566	625169.12	4265307.7	1.57E-07	5.41E-08	2.11E-07	1.32E-07	4.05E-08	1.72E-07	3.11E-08	1.04E-08	4.15E-08	2.43E-08	4.99E-09	2.93E-08
1567	625178.15	4265311.59	1.55E-07	5.31E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.38E-08	4.90E-09	2.88E-08
1568	625187.17	4265315.48	1.52E-07	5.22E-08	2.04E-07	1.27E-07	3.91E-08	1.66E-07	3.00E-08	1.00E-08	4.00E-08	2.34E-08	4.82E-09	2.82E-08
1569	625196.2	4265319.37	1.49E-07	5.12E-08	2.00E-07	1.25E-07	3.84E-08	1.63E-07	2.95E-08	9.82E-09	3.93E-08	2.30E-08	4.73E-09	2.77E-08
1570	625205.22	4265323.27	1.46E-07	5.03E-08	1.97E-07	1.22E-07	3.77E-08	1.60E-07	2.90E-08	9.64E-09	3.86E-08	2.26E-08	4.64E-09	2.72E-08
1571	625217.86	4265336.3	1.43E-07	4.93E-08	1.93E-07	1.20E-07	3.69E-08	1.57E-07	2.84E-08	9.44E-09	3.78E-08	2.21E-08	4.55E-09	2.67E-08
1572	625221.48	4265345.43	1.43E-07	4.92E-08	1.92E-07	1.19E-07	3.68E-08	1.56E-07	2.83E-08	9.42E-09	3.77E-08	2.21E-08	4.54E-09	2.66E-08
1573	625225.09	4265354.57	1.43E-07	4.90E-08	1.92E-07	1.19E-07	3.67E-08	1.56E-07	2.82E-08	9.39E-09	3.76E-08	2.20E-08	4.53E-09	2.65E-08
1574	625228.71	4265363.71	1.42E-07	4.89E-08	1.91E-07	1.19E-07	3.66E-08	1.55E-07	2.81E-08	9.37E-09	3.75E-08	2.19E-08	4.51E-09	2.64E-08
1575	625232.33	4265372.85	1.42E-07	4.87E-08	1.90E-07	1.18E-07	3.65E-08	1.55E-07	2.81E-08	9.34E-09	3.74E-08	2.19E-08	4.50E-09	2.64E-08
1576	625235.95	4265381.99	1.41E-07	4.86E-08	1.90E-07	1.18E-07	3.64E-08	1.54E-07	2.80E-08	9.31E-09	3.73E-08	2.18E-08	4.48E-09	2.63E-08
1577	625239.56	4265391.12	1.41E-07	4.84E-08	1.89E-07	1.18E-07	3.62E-08	1.54E-07	2.79E-08	9.28E-09	3.71E-08	2.17E-08	4.47E-09	2.62E-08
1578	625243.18	4265400.26	1.40E-07	4.82E-08	1.88E-07	1.17E-07	3.61E-08	1.53E-07	2.78E-08	9.24E-09	3.70E-08	2.16E-08	4.45E-09	2.61E-08
1579	625246.8	4265409.4	1.40E-07	4.80E-08	1.88E-07	1.17E-07	3.60E-08	1.53E-07	2.77E-08	9.20E-09	3.69E-08	2.16E-08	4.43E-09	2.60E-08
1580	625250.41	4265418.54	1.39E-07	4.78E-08	1.87E-07	1.16E-07	3.58E-08	1.52E-07	2.75E-08	9.17E-09	3.67E-08	2.15E-08	4.41E-09	2.59E-08

1581	625254.03	4265427.68	1.39E-07	4.76E-08	1.86E-07	1.16E-07	3.57E-08	1.51E-07	2.74E-08	9.13E-09	3.65E-08	2.14E-08	4.40E-09	2.58E-08
1582	625257.65	4265436.81	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.09E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
1583	625261.26	4265445.95	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.72E-08	9.04E-09	3.62E-08	2.12E-08	4.36E-09	2.55E-08
1584	625264.88	4265455.09	1.37E-07	4.70E-08	1.84E-07	1.14E-07	3.52E-08	1.49E-07	2.70E-08	9.00E-09	3.60E-08	2.11E-08	4.33E-09	2.54E-08
1585	625268.5	4265464.23	1.36E-07	4.67E-08	1.83E-07	1.14E-07	3.50E-08	1.49E-07	2.69E-08	8.95E-09	3.58E-08	2.10E-08	4.31E-09	2.53E-08
1586	625272.11	4265473.37	1.35E-07	4.65E-08	1.82E-07	1.13E-07	3.48E-08	1.48E-07	2.67E-08	8.90E-09	3.56E-08	2.08E-08	4.29E-09	2.51E-08
1587	625275.73	4265482.5	1.34E-07	4.62E-08	1.81E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.85E-09	3.54E-08	2.07E-08	4.26E-09	2.50E-08
1588	625279.35	4265491.64	1.34E-07	4.59E-08	1.79E-07	1.12E-07	3.44E-08	1.46E-07	2.64E-08	8.80E-09	3.52E-08	2.06E-08	4.24E-09	2.48E-08
1589	625282.96	4265500.78	1.33E-07	4.56E-08	1.78E-07	1.11E-07	3.42E-08	1.45E-07	2.63E-08	8.74E-09	3.50E-08	2.05E-08	4.21E-09	2.47E-08
1590	625286.58	4265509.92	1.32E-07	4.54E-08	1.77E-07	1.10E-07	3.40E-08	1.44E-07	2.61E-08	8.69E-09	3.48E-08	2.04E-08	4.19E-09	2.45E-08
1591	625290.2	4265519.06	1.31E-07	4.51E-08	1.76E-07	1.10E-07	3.37E-08	1.43E-07	2.59E-08	8.63E-09	3.46E-08	2.02E-08	4.16E-09	2.44E-08
1592	625293.82	4265528.19	1.30E-07	4.47E-08	1.75E-07	1.09E-07	3.35E-08	1.42E-07	2.57E-08	8.57E-09	3.43E-08	2.01E-08	4.13E-09	2.42E-08
1593	625297.43	4265537.33	1.29E-07	4.44E-08	1.74E-07	1.08E-07	3.32E-08	1.41E-07	2.56E-08	8.51E-09	3.41E-08	1.99E-08	4.10E-09	2.40E-08
1594	625301.05	4265546.47	1.28E-07	4.41E-08	1.72E-07	1.07E-07	3.30E-08	1.40E-07	2.54E-08	8.44E-09	3.38E-08	1.98E-08	4.07E-09	2.38E-08
1595	625304.67	4265555.61	1.27E-07	4.37E-08	1.71E-07	1.06E-07	3.27E-08	1.39E-07	2.52E-08	8.38E-09	3.35E-08	1.96E-08	4.03E-09	2.37E-08
1596	625308.28	4265564.75	1.26E-07	4.34E-08	1.69E-07	1.05E-07	3.25E-08	1.38E-07	2.50E-08	8.31E-09	3.33E-08	1.95E-08	4.00E-09	2.35E-08
1597	625311.9	4265573.88	1.25E-07	4.30E-08	1.68E-07	1.04E-07	3.22E-08	1.37E-07	2.47E-08	8.24E-09	3.30E-08	1.93E-08	3.97E-09	2.33E-08
1598	625315.52	4265583.02	1.24E-07	4.26E-08	1.66E-07	1.04E-07	3.19E-08	1.35E-07	2.45E-08	8.16E-09	3.27E-08	1.91E-08	3.93E-09	2.30E-08
1599	625319.13	4265592.16	1.23E-07	4.22E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.09E-09	3.24E-08	1.89E-08	3.90E-09	2.28E-08
1600	625322.75	4265601.3	1.22E-07	4.18E-08	1.63E-07	1.02E-07	3.13E-08	1.33E-07	2.41E-08	8.01E-09	3.21E-08	1.88E-08	3.86E-09	2.26E-08
1601	625326.37	4265610.44	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.92E-09	3.17E-08	1.86E-08	3.82E-09	2.24E-08
1602	625329.98	4265619.57	1.19E-07	4.09E-08	1.60E-07	9.94E-08	3.06E-08	1.30E-07	2.35E-08	7.84E-09	3.14E-08	1.84E-08	3.78E-09	2.21E-08
1603	625333.6	4265628.71	1.18E-07	4.04E-08	1.58E-07	9.83E-08	3.03E-08	1.29E-07	2.33E-08	7.75E-09	3.10E-08	1.81E-08	3.73E-09	2.19E-08
1604	625337.22	4265637.85	1.16E-07	4.00E-08	1.56E-07	9.71E-08	2.99E-08	1.27E-07	2.30E-08	7.66E-09	3.07E-08	1.79E-08	3.69E-09	2.16E-08
1605	625340.83	4265646.99	1.15E-07	3.95E-08	1.54E-07	9.60E-08	2.96E-08	1.26E-07	2.27E-08	7.56E-09	3.03E-08	1.77E-08	3.64E-09	2.14E-08
1606	625344.45	4265656.13	1.13E-07	3.90E-08	1.52E-07	9.47E-08	2.92E-08	1.24E-07	2.24E-08	7.47E-09	2.99E-08	1.75E-08	3.60E-09	2.11E-08
1607	625348.07	4265665.26	1.12E-07	3.85E-08	1.50E-07	9.35E-08	2.88E-08	1.22E-07	2.21E-08	7.37E-09	2.95E-08	1.73E-08	3.55E-09	2.08E-08
1608	625351.69	4265674.4	1.10E-07	3.80E-08	1.48E-07	9.23E-08	2.84E-08	1.21E-07	2.18E-08	7.27E-09	2.91E-08	1.70E-08	3.50E-09	2.05E-08
1609	624862.3	4265175.36	1.86E-07	6.40E-08	2.50E-07	1.55E-07	4.79E-08	2.03E-07	3.68E-08	1.23E-08	4.91E-08	2.87E-08	5.90E-09	3.46E-08
1610	624852.39	4265175.22	1.86E-07	6.40E-08	2.50E-07	1.55E-07	4.79E-08	2.03E-07	3.68E-08	1.23E-08	4.91E-08	2.87E-08	5.90E-09	3.46E-08
1611	624842.48	4265175.08	1.86E-07	6.39E-08	2.50E-07	1.55E-07	4.79E-08	2.03E-07	3.68E-08	1.22E-08	4.90E-08	2.87E-08	5.90E-09	3.46E-08
1612	624832.58	4265174.95	1.86E-07	6.38E-08	2.50E-07	1.55E-07	4.78E-08	2.03E-07	3.68E-08	1.22E-08	4.90E-08	2.86E-08	5.89E-09	3.45E-08
1613	624822.67	4265174.81	1.85E-07	6.37E-08	2.49E-07	1.55E-07	4.77E-08	2.03E-07	3.67E-08	1.22E-08	4.89E-08	2.86E-08	5.88E-09	3.45E-08
1614	624812.76	4265174.67	1.85E-07	6.36E-08	2.49E-07	1.55E-07	4.76E-08	2.02E-07	3.66E-08	1.22E-08	4.88E-08	2.85E-08	5.87E-09	3.44E-08
1615	624802.85	4265174.53	1.84E-07	6.34E-08	2.48E-07	1.54E-07	4.75E-08	2.02E-07	3.65E-08	1.22E-08	4.87E-08	2.85E-08	5.85E-09	3.43E-08
1616	624792.94	4265174.4	1.84E-07	6.32E-08	2.47E-07	1.54E-07	4.73E-08	2.01E-07	3.64E-08	1.21E-08	4.85E-08	2.84E-08	5.83E-09	3.42E-08
1617	624783.03	4265174.26	1.83E-07	6.29E-08	2.46E-07	1.53E-07	4.71E-08	2.00E-07	3.62E-08	1.21E-08	4.83E-08	2.82E-08	5.81E-09	3.40E-08
1618	624773.12	4265174.12	1.82E-07	6.26E-08	2.45E-07	1.52E-07	4.69E-08	1.99E-07	3.60E-08	1.20E-08	4.80E-08	2.81E-08	5.78E-09	3.39E-08
1619	624763.21	4265173.98	1.81E-07	6.22E-08	2.43E-07	1.51E-07	4.66E-08	1.98E-07	3.58E-08	1.19E-08	4.77E-08	2.79E-08	5.74E-09	3.37E-08
1620	624753.31	4265173.85	1.80E-07	6.18E-08	2.41E-07	1.50E-07	4.63E-08	1.96E-07	3.56E-08	1.18E-08	4.74E-08	2.77E-08	5.70E-09	3.34E-08
1621	624743.4	4265173.71	1.78E-07	6.13E-08	2.40E-07	1.49E-07	4.59E-08	1.95E-07	3.53E-08	1.17E-08	4.70E-08	2.75E-08	5.66E-09	3.32E-08
1622	624733.49	4265173.57	1.77E-07	6.07E-08	2.37E-07	1.48E-07	4.55E-08	1.93E-07	3.50E-08	1.16E-08	4.66E-08	2.73E-08	5.60E-09	3.29E-08
1623	624723.58	4265173.43	1.75E-07	6.01E-08	2.35E-07	1.46E-07	4.50E-08	1.91E-07	3.46E-08	1.15E-08	4.61E-08	2.70E-08	5.55E-09	3.25E-08
1624	624713.67	4265173.3	1.73E-07	5.95E-08	2.32E-07	1.45E-07	4.45E-08	1.89E-07	3.42E-08	1.14E-08	4.56E-08	2.67E-08	5.49E-09	3.22E-08
1625	624703.76	4265173.16	1.71E-07	5.88E-08	2.30E-07	1.43E-07	4.40E-08	1.87E-07	3.38E-08	1.13E-08	4.51E-08	2.64E-08	5.43E-09	3.18E-08
1626	624693.85	4265173.02	1.69E-07	5.81E-08	2.27E-07	1.41E-07	4.35E-08	1.85E-07	3.34E-08	1.11E-08	4.46E-08	2.61E-08	5.36E-09	3.14E-08
1627	624683.94	4265172.88	1.67E-07	5.73E-08	2.24E-07	1.39E-07	4.29E-08	1.82E-07	3.30E-08	1.10E-08	4.40E-08	2.57E-08	5.29E-09	3.10E-08
1628	624674.04	4265172.75	1.65E-07	5.66E-08	2.21E-07	1.38E-07	4.24E-08	1.80E-07	3.26E-08	1.08E-08	4.34E-08	2.54E-08	5.22E-09	3.06E-08
1629	624664.13	4265172.61	1.62E-07	5.58E-08	2.18E-07	1.36E-07	4.18E-08	1.78E-07	3.21E-08	1.07E-08	4.28E-08	2.51E-08	5.15E-09	3.02E-08
1630	624654.22	4265172.47	1.60E-07	5.51E-08	2.15E-07	1.34E-07	4.12E-08	1.75E-07	3.17E-08	1.06E-08	4.23E-08	2.47E-08	5.08E-09	2.98E-08
1631	624644.31	4265172.34	1.58E-07	5.43E-08	2.12E-07	1.32E-07	4.07E-08	1.73E-07	3.13E-08	1.04E-08	4.17E-08	2.44E-08	5.01E-09	2.94E-08
1632	624634.4	4265172.2	1.56E-07	5.36E-08	2.09E-07	1.30E-07	4.01E-08	1.70E-07	3.08E-08	1.03E-08	4.11E-08	2.40E-08	4.95E-09	2.90E-08
1633	624624.49	4265172.06	1.54E-07	5.29E-08	2.07E-07	1.29E-07	3.96E-08	1.68E-07	3.04E-08	1.01E-08	4.06E-08	2.37E-08	4.88E-09	2.86E-08
1634	624614.58	4265171.92	1.52E-07	5.22E-08	2.04E-07	1.27E-07	3.91E-08	1.66E-07	3.00E-08	1.00E-08	4.00E-08	2.34E-08	4.81E-09	2.82E-08
1635	624604.67	4265171.79	1.50E-07	5.15E-08	2.01E-07	1.25E-07	3.86E-08	1.64E-07	2.96E-08	9.87E-09	3.95E-08	2.31E-08	4.75E-09	2.79E-08
1636	624594.76	4265171.65	1.48E-07	5.08E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.74E-09	3.90E-08	2.28E-08	4.69E-09	2.75E-08
1637	624584.86	4265171.51	1.46E-07	5.02E-08	1.96E-07	1.22E-07	3.76E-08	1.60E-07	2.89E-08	9.62E-09	3.85E-08	2.25E-08	4.63E-09	2.72E-08
1638	624574.95	4265171.37	1.44E-07	4.96E-08	1.94E-07	1.21E-07	3.71E-08	1.58E-07	2.86E-08	9.51E-09	3.81E-08	2.23E-08	4.58E-09	2.68E-08
1639	624565.04	4265171.24	1.43E-07	4.90E-08	1.92E-07	1.19E-07	3.67E-08	1.56E-07	2.82E-08	9.40E-09	3.76E-08	2.20E-08	4.53E-09	2.65E-08
1640	624555.13	4265171.1	1.41E-07	4.85E-08	1.89E-07	1.18E-07	3.63E-08	1.54E-07	2.79E-08	9.29E-09	3.72E-08	2.18E-08	4.47E-09	2.62E-08
1641	624545.22	4265170.96	1.39E-07	4.79E-08	1.87E-07	1.17E-07	3.59E-08	1.52E-07	2.76E-08	9.18E-09	3.68E-08	2.15E-08	4.42E-09	2.59E-08
1642	624535.31	4265170.82	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.08E-09	3.64E-08	2.13E-08	4.37E-09	2.56E-08
1643	624525.4	4265170.69	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.98E-09	3.60E-08	2.10E-08	4.33E-09	2.54E-08
1644	624515.49	4265170.55	1.35E-07	4.64E-08	1.81E-07	1.13E-07	3.47E-08	1.47E-07	2.67E-08	8.88E-09	3.56E-08	2.08E-08	4.28E-09	2.51E-08
1645	624505.59	4265170.41	1.33E-07	4.59E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.79E-09	3.52E-08	2.06E-08	4.23E-09	2.48E-08
1646	624495.68	4265170.27	1.32E-07	4.53E-08	1.77E-07	1.10E-07	3.39E-08	1.44E-07	2.61E-08	8.69E-09	3.48E-08	2.03E-08	4.18E-09	2.45E-08
1647	624485.77	4265170.14	1.30E-07	4.48E-08	1.75E-07	1.09E-07	3.36E-08	1.42E-07	2.58E-08	8.59E-09	3.44E-08	2.01E-08	4.14E-09	2.42E-08
1648	624475.86	4265170	1.29E-07	4.43E-08	1.73E-07	1.08E-07	3.32E-08	1.41E-07	2.55E-08	8.49E-09	3.40E-08	1.99E-08	4.09E-09	2.40E-08
1649	624465.95	4265169.86	1.27E-07	4.38E-08	1.71E-07	1.06E-07	3.28E-08	1.39E-07	2.52E-08	8.39E-09	3.36E-08	1.96E-08	4.04E-09	2.37E-08
1650	624456.04	4265169.72	1.26E-07	4.33E-08	1.69E-07	1.05E-07	3.24E-08	1.38E-07	2.49E-08	8.29E-09	3.32E-08	1.94E-08	3.99E-09	2.34E-08
1651	624446.13	4265169.59	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.19E-09	3.28E-08	1.92E-08	3.95E-09	2.31E-08
1652	624436.22	4265169.45	1.23E-07	4.23E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.10E-09	3.24E-08	1.90E-08	3.90E-09	2.29E-08

1653	624426.32	4265169.31	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.12E-08	1.33E-07	2.40E-08	8.00E-09	3.20E-08	1.87E-08	3.85E-09	2.26E-08
1654	624416.41	4265169.18	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.37E-08	7.90E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
1655	624406.5	4265169.04	1.18E-07	4.07E-08	1.59E-07	9.89E-08	3.05E-08	1.29E-07	2.34E-08	7.79E-09	3.12E-08	1.83E-08	3.75E-09	2.20E-08
1656	624396.59	4265168.9	1.17E-07	4.01E-08	1.57E-07	9.76E-08	3.01E-08	1.28E-07	2.31E-08	7.69E-09	3.08E-08	1.80E-08	3.71E-09	2.17E-08
1657	624386.68	4265168.76	1.15E-07	3.96E-08	1.55E-07	9.63E-08	2.97E-08	1.26E-07	2.28E-08	7.59E-09	3.04E-08	1.78E-08	3.66E-09	2.14E-08
1658	624376.77	4265168.63	1.14E-07	3.91E-08	1.53E-07	9.50E-08	2.93E-08	1.24E-07	2.25E-08	7.49E-09	3.00E-08	1.75E-08	3.61E-09	2.11E-08
1659	624366.86	4265168.49	1.12E-07	3.85E-08	1.51E-07	9.36E-08	2.88E-08	1.22E-07	2.22E-08	7.38E-09	2.96E-08	1.73E-08	3.56E-09	2.08E-08
1660	624872	4265129.25	1.67E-07	5.75E-08	2.25E-07	1.40E-07	4.31E-08	1.83E-07	3.31E-08	1.10E-08	4.42E-08	2.58E-08	5.31E-09	3.11E-08
1661	624881	4265133.13	1.69E-07	5.80E-08	2.27E-07	1.41E-07	4.35E-08	1.85E-07	3.34E-08	1.11E-08	4.45E-08	2.60E-08	5.36E-09	3.14E-08
1662	624890.01	4265137.01	1.70E-07	5.85E-08	2.29E-07	1.42E-07	4.38E-08	1.86E-07	3.37E-08	1.12E-08	4.49E-08	2.62E-08	5.40E-09	3.16E-08
1663	624899.01	4265140.9	1.71E-07	5.89E-08	2.30E-07	1.43E-07	4.41E-08	1.87E-07	3.39E-08	1.13E-08	4.52E-08	2.64E-08	5.44E-09	3.19E-08
1664	624908.01	4265144.78	1.73E-07	5.93E-08	2.32E-07	1.44E-07	4.44E-08	1.89E-07	3.41E-08	1.14E-08	4.55E-08	2.66E-08	5.47E-09	3.21E-08
1665	624917.01	4265148.66	1.74E-07	5.97E-08	2.33E-07	1.45E-07	4.47E-08	1.90E-07	3.44E-08	1.14E-08	4.58E-08	2.68E-08	5.51E-09	3.23E-08
1666	624926.02	4265152.55	1.75E-07	6.00E-08	2.35E-07	1.46E-07	4.49E-08	1.91E-07	3.46E-08	1.15E-08	4.61E-08	2.69E-08	5.54E-09	3.25E-08
1667	624935.02	4265156.43	1.75E-07	6.03E-08	2.36E-07	1.47E-07	4.52E-08	1.92E-07	3.47E-08	1.16E-08	4.63E-08	2.71E-08	5.57E-09	3.26E-08
1668	624944.02	4265160.31	1.76E-07	6.06E-08	2.37E-07	1.47E-07	4.54E-08	1.93E-07	3.49E-08	1.16E-08	4.65E-08	2.72E-08	5.59E-09	3.28E-08
1669	624953.03	4265164.2	1.77E-07	6.08E-08	2.38E-07	1.48E-07	4.55E-08	1.93E-07	3.50E-08	1.17E-08	4.67E-08	2.73E-08	5.61E-09	3.29E-08
1670	624962.03	4265168.08	1.77E-07	6.10E-08	2.38E-07	1.48E-07	4.57E-08	1.94E-07	3.51E-08	1.17E-08	4.68E-08	2.74E-08	5.63E-09	3.30E-08
1671	624971.03	4265171.96	1.78E-07	6.12E-08	2.39E-07	1.49E-07	4.58E-08	1.95E-07	3.52E-08	1.17E-08	4.69E-08	2.75E-08	5.65E-09	3.31E-08
1672	624980.04	4265175.85	1.78E-07	6.13E-08	2.40E-07	1.49E-07	4.59E-08	1.95E-07	3.53E-08	1.17E-08	4.70E-08	2.75E-08	5.66E-09	3.32E-08
1673	624989.04	4265179.73	1.78E-07	6.13E-08	2.40E-07	1.49E-07	4.59E-08	1.95E-07	3.53E-08	1.18E-08	4.71E-08	2.75E-08	5.66E-09	3.32E-08
1674	624998.04	4265183.61	1.78E-07	6.13E-08	2.40E-07	1.49E-07	4.59E-08	1.95E-07	3.53E-08	1.18E-08	4.71E-08	2.75E-08	5.66E-09	3.32E-08
1675	625007.05	4265187.5	1.78E-07	6.13E-08	2.40E-07	1.49E-07	4.59E-08	1.95E-07	3.53E-08	1.17E-08	4.70E-08	2.75E-08	5.66E-09	3.32E-08
1676	625016.05	4265191.38	1.78E-07	6.12E-08	2.39E-07	1.49E-07	4.58E-08	1.95E-07	3.52E-08	1.17E-08	4.69E-08	2.75E-08	5.65E-09	3.31E-08
1677	625025.05	4265195.26	1.77E-07	6.10E-08	2.38E-07	1.48E-07	4.57E-08	1.94E-07	3.51E-08	1.17E-08	4.68E-08	2.74E-08	5.63E-09	3.30E-08
1678	625034.06	4265199.14	1.77E-07	6.08E-08	2.38E-07	1.48E-07	4.55E-08	1.93E-07	3.50E-08	1.16E-08	4.66E-08	2.73E-08	5.61E-09	3.29E-08
1679	625043.06	4265203.03	1.76E-07	6.05E-08	2.37E-07	1.47E-07	4.53E-08	1.92E-07	3.48E-08	1.16E-08	4.64E-08	2.72E-08	5.59E-09	3.27E-08
1680	625052.06	4265206.91	1.75E-07	6.02E-08	2.35E-07	1.46E-07	4.51E-08	1.91E-07	3.46E-08	1.15E-08	4.62E-08	2.70E-08	5.56E-09	3.26E-08
1681	625061.07	4265210.79	1.74E-07	5.98E-08	2.34E-07	1.45E-07	4.48E-08	1.90E-07	3.44E-08	1.15E-08	4.59E-08	2.68E-08	5.52E-09	3.24E-08
1682	625070.07	4265214.68	1.73E-07	5.94E-08	2.32E-07	1.44E-07	4.44E-08	1.89E-07	3.42E-08	1.14E-08	4.55E-08	2.66E-08	5.48E-09	3.21E-08
1683	625079.07	4265218.56	1.71E-07	5.89E-08	2.30E-07	1.43E-07	4.41E-08	1.87E-07	3.39E-08	1.13E-08	4.52E-08	2.64E-08	5.43E-09	3.18E-08
1684	625088.07	4265222.44	1.70E-07	5.83E-08	2.28E-07	1.42E-07	4.37E-08	1.85E-07	3.36E-08	1.12E-08	4.47E-08	2.62E-08	5.38E-09	3.16E-08
1685	625097.08	4265226.33	1.68E-07	5.77E-08	2.26E-07	1.40E-07	4.32E-08	1.84E-07	3.32E-08	1.11E-08	4.43E-08	2.59E-08	5.33E-09	3.12E-08
1686	625106.08	4265230.21	1.66E-07	5.71E-08	2.23E-07	1.39E-07	4.27E-08	1.82E-07	3.29E-08	1.09E-08	4.38E-08	2.56E-08	5.27E-09	3.09E-08
1687	625115.08	4265234.09	1.64E-07	5.64E-08	2.20E-07	1.37E-07	4.22E-08	1.79E-07	3.25E-08	1.08E-08	4.33E-08	2.53E-08	5.21E-09	3.05E-08
1688	625124.09	4265237.98	1.62E-07	5.57E-08	2.18E-07	1.35E-07	4.17E-08	1.77E-07	3.21E-08	1.07E-08	4.27E-08	2.50E-08	5.14E-09	3.01E-08
1689	625133.09	4265241.86	1.60E-07	5.49E-08	2.15E-07	1.34E-07	4.11E-08	1.75E-07	3.16E-08	1.05E-08	4.22E-08	2.47E-08	5.07E-09	2.97E-08
1690	625142.09	4265245.74	1.58E-07	5.42E-08	2.12E-07	1.32E-07	4.06E-08	1.72E-07	3.12E-08	1.04E-08	4.16E-08	2.43E-08	5.00E-09	2.93E-08
1691	625151.1	4265249.63	1.55E-07	5.34E-08	2.09E-07	1.30E-07	4.00E-08	1.70E-07	3.07E-08	1.02E-08	4.10E-08	2.40E-08	4.93E-09	2.89E-08
1692	625160.1	4265253.51	1.53E-07	5.26E-08	2.06E-07	1.28E-07	3.94E-08	1.67E-07	3.03E-08	1.01E-08	4.03E-08	2.36E-08	4.85E-09	2.85E-08
1693	625169.1	4265257.39	1.51E-07	5.18E-08	2.02E-07	1.26E-07	3.88E-08	1.65E-07	2.98E-08	9.92E-09	3.97E-08	2.32E-08	4.78E-09	2.80E-08
1694	625178.11	4265261.28	1.48E-07	5.09E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.76E-09	3.91E-08	2.29E-08	4.70E-09	2.76E-08
1695	625187.11	4265265.16	1.46E-07	5.01E-08	1.96E-07	1.22E-07	3.75E-08	1.59E-07	2.88E-08	9.60E-09	3.84E-08	2.25E-08	4.62E-09	2.71E-08
1696	625196.11	4265269.04	1.43E-07	4.93E-08	1.93E-07	1.20E-07	3.69E-08	1.57E-07	2.84E-08	9.44E-09	3.78E-08	2.21E-08	4.55E-09	2.67E-08
1697	625205.12	4265272.93	1.41E-07	4.84E-08	1.89E-07	1.18E-07	3.63E-08	1.54E-07	2.79E-08	9.28E-09	3.72E-08	2.17E-08	4.47E-09	2.62E-08
1698	625214.12	4265276.81	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.12E-09	3.65E-08	2.14E-08	4.39E-09	2.58E-08
1699	625223.12	4265280.69	1.36E-07	4.68E-08	1.83E-07	1.14E-07	3.50E-08	1.49E-07	2.69E-08	8.96E-09	3.59E-08	2.10E-08	4.32E-09	2.53E-08
1700	625232.12	4265284.58	1.34E-07	4.60E-08	1.80E-07	1.12E-07	3.44E-08	1.46E-07	2.65E-08	8.81E-09	3.53E-08	2.06E-08	4.24E-09	2.49E-08
1701	625241.13	4265288.46	1.31E-07	4.52E-08	1.77E-07	1.10E-07	3.38E-08	1.44E-07	2.60E-08	8.65E-09	3.47E-08	2.03E-08	4.17E-09	2.44E-08
1702	625253.74	4265301.46	1.29E-07	4.43E-08	1.73E-07	1.08E-07	3.32E-08	1.41E-07	2.55E-08	8.49E-09	3.40E-08	1.99E-08	4.09E-09	2.40E-08
1703	625257.35	4265310.58	1.29E-07	4.42E-08	1.73E-07	1.07E-07	3.31E-08	1.41E-07	2.54E-08	8.47E-09	3.39E-08	1.98E-08	4.08E-09	2.39E-08
1704	625260.96	4265319.69	1.28E-07	4.41E-08	1.72E-07	1.07E-07	3.30E-08	1.40E-07	2.54E-08	8.45E-09	3.38E-08	1.98E-08	4.07E-09	2.39E-08
1705	625264.57	4265328.81	1.28E-07	4.40E-08	1.72E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.42E-09	3.37E-08	1.97E-08	4.06E-09	2.38E-08
1706	625268.17	4265337.93	1.28E-07	4.39E-08	1.71E-07	1.07E-07	3.28E-08	1.39E-07	2.52E-08	8.40E-09	3.36E-08	1.97E-08	4.05E-09	2.37E-08
1707	625271.78	4265347.04	1.27E-07	4.37E-08	1.71E-07	1.06E-07	3.27E-08	1.39E-07	2.52E-08	8.38E-09	3.35E-08	1.96E-08	4.04E-09	2.37E-08
1708	625275.39	4265356.16	1.27E-07	4.36E-08	1.70E-07	1.06E-07	3.26E-08	1.39E-07	2.51E-08	8.35E-09	3.34E-08	1.96E-08	4.02E-09	2.36E-08
1709	625279	4265365.28	1.26E-07	4.34E-08	1.70E-07	1.06E-07	3.25E-08	1.38E-07	2.50E-08	8.32E-09	3.33E-08	1.95E-08	4.01E-09	2.35E-08
1710	625282.61	4265374.39	1.26E-07	4.33E-08	1.69E-07	1.05E-07	3.24E-08	1.38E-07	2.49E-08	8.30E-09	3.32E-08	1.94E-08	4.00E-09	2.34E-08
1711	625286.22	4265383.51	1.25E-07	4.31E-08	1.69E-07	1.05E-07	3.23E-08	1.37E-07	2.48E-08	8.27E-09	3.31E-08	1.94E-08	3.98E-09	2.33E-08
1712	625289.82	4265392.63	1.25E-07	4.30E-08	1.68E-07	1.04E-07	3.22E-08	1.37E-07	2.47E-08	8.24E-09	3.30E-08	1.93E-08	3.97E-09	2.33E-08
1713	625293.43	4265401.74	1.25E-07	4.28E-08	1.67E-07	1.04E-07	3.21E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.32E-08
1714	625297.04	4265410.86	1.24E-07	4.26E-08	1.67E-07	1.04E-07	3.19E-08	1.36E-07	2.45E-08	8.17E-09	3.27E-08	1.91E-08	3.94E-09	2.31E-08
1715	625300.65	4265419.98	1.23E-07	4.25E-08	1.66E-07	1.03E-07	3.18E-08	1.35E-07	2.44E-08	8.13E-09	3.26E-08	1.91E-08	3.92E-09	2.30E-08
1716	625304.26	4265429.09	1.23E-07	4.23E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.10E-09	3.24E-08	1.90E-08	3.90E-09	2.29E-08
1717	625307.87	4265438.21	1.22E-07	4.21E-08	1.64E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.06E-09	3.23E-08	1.89E-08	3.88E-09	2.28E-08
1718	625311.48	4265447.33	1.22E-07	4.19E-08	1.64E-07	1.02E-07	3.13E-08	1.33E-07	2.41E-08	8.02E-09	3.21E-08	1.88E-08	3.86E-09	2.26E-08
1719	625315.08	4265456.44	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.12E-08	1.32E-07	2.40E-08	7.98E-09	3.20E-08	1.87E-08	3.84E-09	2.25E-08
1720	625318.69	4265465.56	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.94E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
1721	625322.3	4265474.68	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.37E-08	7.90E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
1722	625325.91	4265483.8	1.19E-07	4.10E-08	1.60E-07	9.96E-08	3.07E-08	1.30E-07	2.36E-08	7.85E-09	3.14E-08	1.84E-08	3.78E-09	2.22E-08
1723	625329.52	4265492.91	1.18E-07	4.07E-08	1.59E-07	9.90E-08	3.05E-08	1.29E-07	2.34E-08	7.80E-09	3.12E-08	1.83E-08	3.76E-09	2.20E-08
1724	625333.13	4265502.03	1.18E-07	4.05E-08	1.58E-07	9.84E-08	3.03E-08	1.29E-07	2.33E-08	7.75E-09	3.10E-08	1.82E-08	3.73E-09	2.19E-08

1725	625336.73	4265511.15	1.17E-07	4.02E-08	1.57E-07	9.77E-08	3.01E-08	1.28E-07	2.31E-08	7.70E-09	3.08E-08	1.80E-08	3.71E-09	2.18E-08
1726	625340.34	4265520.26	1.16E-07	3.99E-08	1.56E-07	9.71E-08	2.99E-08	1.27E-07	2.30E-08	7.65E-09	3.06E-08	1.79E-08	3.69E-09	2.16E-08
1727	625343.95	4265529.38	1.15E-07	3.97E-08	1.55E-07	9.64E-08	2.97E-08	1.26E-07	2.28E-08	7.60E-09	3.04E-08	1.78E-08	3.66E-09	2.15E-08
1728	625347.56	4265538.5	1.14E-07	3.94E-08	1.54E-07	9.57E-08	2.95E-08	1.25E-07	2.27E-08	7.54E-09	3.02E-08	1.77E-08	3.63E-09	2.13E-08
1729	625351.17	4265547.61	1.14E-07	3.91E-08	1.53E-07	9.49E-08	2.92E-08	1.24E-07	2.25E-08	7.48E-09	3.00E-08	1.75E-08	3.60E-09	2.11E-08
1730	625354.78	4265556.73	1.13E-07	3.87E-08	1.51E-07	9.42E-08	2.90E-08	1.23E-07	2.23E-08	7.42E-09	2.97E-08	1.74E-08	3.58E-09	2.10E-08
1731	625358.39	4265565.85	1.12E-07	3.84E-08	1.50E-07	9.34E-08	2.88E-08	1.22E-07	2.21E-08	7.36E-09	2.95E-08	1.72E-08	3.55E-09	2.08E-08
1732	625361.99	4265574.96	1.11E-07	3.81E-08	1.49E-07	9.26E-08	2.85E-08	1.21E-07	2.19E-08	7.30E-09	2.92E-08	1.71E-08	3.51E-09	2.06E-08
1733	625365.6	4265584.08	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.83E-08	1.20E-07	2.17E-08	7.23E-09	2.90E-08	1.69E-08	3.48E-09	2.04E-08
1734	625369.21	4265593.2	1.09E-07	3.74E-08	1.46E-07	9.09E-08	2.80E-08	1.19E-07	2.15E-08	7.16E-09	2.87E-08	1.68E-08	3.45E-09	2.02E-08
1735	625372.82	4265602.31	1.08E-07	3.70E-08	1.45E-07	8.99E-08	2.77E-08	1.18E-07	2.13E-08	7.09E-09	2.84E-08	1.66E-08	3.42E-09	2.00E-08
1736	625376.43	4265611.43	1.06E-07	3.66E-08	1.43E-07	8.90E-08	2.74E-08	1.16E-07	2.11E-08	7.02E-09	2.81E-08	1.64E-08	3.38E-09	1.98E-08
1737	625380.04	4265620.55	1.05E-07	3.62E-08	1.42E-07	8.80E-08	2.71E-08	1.15E-07	2.08E-08	6.94E-09	2.78E-08	1.63E-08	3.34E-09	1.96E-08
1738	625383.64	4265629.66	1.04E-07	3.58E-08	1.40E-07	8.70E-08	2.68E-08	1.14E-07	2.06E-08	6.86E-09	2.75E-08	1.61E-08	3.30E-09	1.94E-08
1739	625387.25	4265638.78	1.03E-07	3.54E-08	1.38E-07	8.60E-08	2.65E-08	1.13E-07	2.04E-08	6.78E-09	2.71E-08	1.59E-08	3.27E-09	1.91E-08
1740	625390.86	4265647.9	1.02E-07	3.50E-08	1.37E-07	8.50E-08	2.62E-08	1.11E-07	2.01E-08	6.70E-09	2.68E-08	1.57E-08	3.23E-09	1.89E-08
1741	625394.47	4265657.01	1.00E-07	3.45E-08	1.35E-07	8.39E-08	2.58E-08	1.10E-07	1.99E-08	6.61E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
1742	625398.08	4265666.13	9.91E-08	3.41E-08	1.33E-07	8.28E-08	2.55E-08	1.08E-07	1.96E-08	6.53E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
1743	625401.69	4265675.25	9.77E-08	3.36E-08	1.31E-07	8.17E-08	2.52E-08	1.07E-07	1.93E-08	6.44E-09	2.58E-08	1.51E-08	3.10E-09	1.82E-08
1744	624863	4265125.36	1.66E-07	5.70E-08	2.23E-07	1.39E-07	4.27E-08	1.81E-07	3.28E-08	1.09E-08	4.38E-08	2.56E-08	5.26E-09	3.09E-08
1745	624853.09	4265125.23	1.66E-07	5.69E-08	2.23E-07	1.38E-07	4.26E-08	1.81E-07	3.28E-08	1.09E-08	4.37E-08	2.56E-08	5.26E-09	3.08E-08
1746	624843.18	4265125.09	1.65E-07	5.68E-08	2.22E-07	1.38E-07	4.25E-08	1.81E-07	3.27E-08	1.09E-08	4.36E-08	2.55E-08	5.24E-09	3.07E-08
1747	624833.27	4265124.95	1.65E-07	5.67E-08	2.21E-07	1.38E-07	4.24E-08	1.80E-07	3.26E-08	1.09E-08	4.35E-08	2.54E-08	5.23E-09	3.07E-08
1748	624823.36	4265124.81	1.64E-07	5.65E-08	2.21E-07	1.37E-07	4.23E-08	1.80E-07	3.25E-08	1.08E-08	4.34E-08	2.54E-08	5.22E-09	3.06E-08
1749	624813.45	4265124.68	1.64E-07	5.63E-08	2.20E-07	1.37E-07	4.22E-08	1.79E-07	3.24E-08	1.08E-08	4.32E-08	2.53E-08	5.20E-09	3.05E-08
1750	624803.54	4265124.54	1.63E-07	5.61E-08	2.19E-07	1.36E-07	4.20E-08	1.78E-07	3.23E-08	1.08E-08	4.31E-08	2.52E-08	5.18E-09	3.04E-08
1751	624793.63	4265124.4	1.62E-07	5.59E-08	2.18E-07	1.36E-07	4.18E-08	1.78E-07	3.22E-08	1.07E-08	4.29E-08	2.51E-08	5.15E-09	3.02E-08
1752	624783.73	4265124.26	1.62E-07	5.56E-08	2.17E-07	1.35E-07	4.16E-08	1.77E-07	3.20E-08	1.06E-08	4.26E-08	2.49E-08	5.13E-09	3.01E-08
1753	624773.82	4265124.13	1.61E-07	5.52E-08	2.16E-07	1.34E-07	4.14E-08	1.76E-07	3.18E-08	1.06E-08	4.24E-08	2.48E-08	5.10E-09	2.99E-08
1754	624763.91	4265123.99	1.60E-07	5.49E-08	2.14E-07	1.33E-07	4.11E-08	1.74E-07	3.16E-08	1.05E-08	4.21E-08	2.46E-08	5.07E-09	2.97E-08
1755	624754	4265123.85	1.58E-07	5.45E-08	2.13E-07	1.32E-07	4.08E-08	1.73E-07	3.14E-08	1.04E-08	4.18E-08	2.44E-08	5.03E-09	2.95E-08
1756	624744.09	4265123.71	1.57E-07	5.41E-08	2.11E-07	1.31E-07	4.05E-08	1.72E-07	3.11E-08	1.04E-08	4.15E-08	2.43E-08	4.99E-09	2.92E-08
1757	624734.18	4265123.58	1.56E-07	5.36E-08	2.09E-07	1.30E-07	4.01E-08	1.70E-07	3.08E-08	1.03E-08	4.11E-08	2.40E-08	4.94E-09	2.90E-08
1758	624724.27	4265123.44	1.54E-07	5.30E-08	2.07E-07	1.29E-07	3.97E-08	1.69E-07	3.05E-08	1.02E-08	4.07E-08	2.38E-08	4.89E-09	2.87E-08
1759	624714.36	4265123.3	1.53E-07	5.25E-08	2.05E-07	1.28E-07	3.93E-08	1.67E-07	3.02E-08	1.01E-08	4.03E-08	2.35E-08	4.84E-09	2.84E-08
1760	624704.46	4265123.16	1.51E-07	5.19E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.94E-09	3.98E-08	2.33E-08	4.79E-09	2.81E-08
1761	624694.55	4265123.03	1.49E-07	5.13E-08	2.00E-07	1.25E-07	3.84E-08	1.63E-07	2.95E-08	9.83E-09	3.94E-08	2.30E-08	4.73E-09	2.78E-08
1762	624684.64	4265122.89	1.47E-07	5.07E-08	1.98E-07	1.23E-07	3.79E-08	1.61E-07	2.92E-08	9.71E-09	3.89E-08	2.27E-08	4.68E-09	2.74E-08
1763	624674.73	4265122.75	1.46E-07	5.01E-08	1.96E-07	1.22E-07	3.75E-08	1.59E-07	2.88E-08	9.59E-09	3.84E-08	2.25E-08	4.62E-09	2.71E-08
1764	624664.82	4265122.61	1.44E-07	4.94E-08	1.93E-07	1.20E-07	3.70E-08	1.57E-07	2.84E-08	9.47E-09	3.79E-08	2.22E-08	4.56E-09	2.67E-08
1765	624654.91	4265122.48	1.42E-07	4.88E-08	1.91E-07	1.19E-07	3.65E-08	1.55E-07	2.81E-08	9.35E-09	3.74E-08	2.19E-08	4.50E-09	2.64E-08
1766	624645	4265122.34	1.40E-07	4.81E-08	1.88E-07	1.17E-07	3.60E-08	1.53E-07	2.77E-08	9.22E-09	3.69E-08	2.16E-08	4.44E-09	2.60E-08
1767	624635.09	4265122.2	1.38E-07	4.75E-08	1.86E-07	1.15E-07	3.56E-08	1.51E-07	2.73E-08	9.10E-09	3.65E-08	2.13E-08	4.38E-09	2.57E-08
1768	624625.18	4265122.07	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.99E-09	3.60E-08	2.10E-08	4.33E-09	2.54E-08
1769	624615.28	4265121.93	1.35E-07	4.63E-08	1.81E-07	1.13E-07	3.47E-08	1.47E-07	2.67E-08	8.87E-09	3.55E-08	2.08E-08	4.27E-09	2.51E-08
1770	624605.37	4265121.79	1.33E-07	4.57E-08	1.79E-07	1.11E-07	3.42E-08	1.45E-07	2.63E-08	8.76E-09	3.51E-08	2.05E-08	4.22E-09	2.47E-08
1771	624595.46	4265121.65	1.31E-07	4.52E-08	1.77E-07	1.10E-07	3.38E-08	1.44E-07	2.60E-08	8.66E-09	3.47E-08	2.03E-08	4.17E-09	2.45E-08
1772	624585.55	4265121.52	1.30E-07	4.47E-08	1.75E-07	1.09E-07	3.34E-08	1.42E-07	2.57E-08	8.56E-09	3.43E-08	2.00E-08	4.12E-09	2.42E-08
1773	624575.64	4265121.38	1.28E-07	4.42E-08	1.73E-07	1.07E-07	3.31E-08	1.40E-07	2.54E-08	8.46E-09	3.39E-08	1.98E-08	4.08E-09	2.39E-08
1774	624565.73	4265121.24	1.27E-07	4.37E-08	1.71E-07	1.06E-07	3.27E-08	1.39E-07	2.52E-08	8.37E-09	3.35E-08	1.96E-08	4.03E-09	2.36E-08
1775	624555.82	4265121.1	1.26E-07	4.32E-08	1.69E-07	1.05E-07	3.24E-08	1.37E-07	2.49E-08	8.29E-09	3.32E-08	1.94E-08	3.99E-09	2.34E-08
1776	624545.91	4265120.97	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.32E-08
1777	624536.01	4265120.83	1.23E-07	4.24E-08	1.66E-07	1.03E-07	3.17E-08	1.35E-07	2.44E-08	8.12E-09	3.25E-08	1.90E-08	3.91E-09	2.29E-08
1778	624526.1	4265120.69	1.22E-07	4.19E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.41E-08	8.04E-09	3.22E-08	1.88E-08	3.87E-09	2.27E-08
1779	624516.19	4265120.55	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.95E-09	3.18E-08	1.86E-08	3.83E-09	2.25E-08
1780	624506.28	4265120.42	1.19E-07	4.11E-08	1.61E-07	9.98E-08	3.08E-08	1.31E-07	2.36E-08	7.87E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
1781	624496.37	4265120.28	1.18E-07	4.07E-08	1.59E-07	9.88E-08	3.04E-08	1.29E-07	2.34E-08	7.79E-09	3.12E-08	1.82E-08	3.75E-09	2.20E-08
1782	624486.46	4265120.14	1.17E-07	4.03E-08	1.57E-07	9.78E-08	3.01E-08	1.28E-07	2.32E-08	7.71E-09	3.09E-08	1.81E-08	3.71E-09	2.18E-08
1783	624476.55	4265120	1.16E-07	3.98E-08	1.56E-07	9.68E-08	2.98E-08	1.27E-07	2.29E-08	7.63E-09	3.06E-08	1.79E-08	3.68E-09	2.16E-08
1784	624466.64	4265119.87	1.15E-07	3.94E-08	1.54E-07	9.58E-08	2.95E-08	1.25E-07	2.27E-08	7.55E-09	3.02E-08	1.77E-08	3.64E-09	2.13E-08
1785	624456.74	4265119.73	1.13E-07	3.90E-08	1.52E-07	9.48E-08	2.92E-08	1.24E-07	2.25E-08	7.47E-09	2.99E-08	1.75E-08	3.60E-09	2.11E-08
1786	624446.83	4265119.59	1.12E-07	3.86E-08	1.51E-07	9.38E-08	2.89E-08	1.23E-07	2.22E-08	7.39E-09	2.96E-08	1.73E-08	3.56E-09	2.09E-08
1787	624436.92	4265119.45	1.11E-07	3.82E-08	1.49E-07	9.27E-08	2.86E-08	1.21E-07	2.20E-08	7.31E-09	2.93E-08	1.71E-08	3.52E-09	2.06E-08
1788	624427.01	4265119.32	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.82E-08	1.20E-07	2.17E-08	7.23E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
1789	624417.1	4265119.18	1.08E-07	3.73E-08	1.46E-07	9.06E-08	2.79E-08	1.19E-07	2.15E-08	7.14E-09	2.86E-08	1.67E-08	3.44E-09	2.02E-08
1790	624407.19	4265119.04	1.07E-07	3.68E-08	1.44E-07	8.96E-08	2.76E-08	1.17E-07	2.12E-08	7.06E-09	2.83E-08	1.65E-08	3.40E-09	1.99E-08
1791	624397.28	4265118.91	1.06E-07	3.64E-08	1.42E-07	8.85E-08	2.73E-08	1.16E-07	2.10E-08	6.97E-09	2.79E-08	1.63E-08	3.36E-09	1.97E-08
1792	624387.37	4265118.77	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
1793	624377.46	4265118.63	1.03E-07	3.55E-08	1.39E-07	8.63E-08	2.66E-08	1.13E-07	2.04E-08	6.80E-09	2.72E-08	1.59E-08	3.28E-09	1.92E-08
1794	624367.56	4265118.49	1.02E-07	3.51E-08	1.37E-07	8.52E-08	2.63E-08	1.12E-07	2.02E-08	6.72E-09	2.69E-08	1.57E-08	3.24E-09	1.90E-08
1795	624872.67	4265079.24	1.50E-07	5.15E-08	2.01E-07	1.25E-07	3.86E-08	1.64E-07	2.97E-08	9.88E-09	3.95E-08	2.31E-08	4.76E-09	2.79E-08
1796	624881.66	4265083.12	1.51E-07	5.20E-08	2.03E-07	1.26E-07	3.90E-08	1.65E-07	3.00E-08	9.97E-09	3.99E-08	2.33E-08	4.80E-09	2.82E-08

1797	624890.65	4265086.99	1.53E-07	5.25E-08	2.05E-07	1.28E-07	3.93E-08	1.67E-07	3.02E-08	1.01E-08	4.03E-08	2.36E-08	4.85E-09	2.84E-08
1798	624899.63	4265090.87	1.54E-07	5.29E-08	2.07E-07	1.29E-07	3.96E-08	1.68E-07	3.05E-08	1.01E-08	4.06E-08	2.38E-08	4.89E-09	2.86E-08
1799	624908.62	4265094.75	1.55E-07	5.34E-08	2.09E-07	1.30E-07	4.00E-08	1.70E-07	3.07E-08	1.02E-08	4.09E-08	2.39E-08	4.92E-09	2.89E-08
1800	624917.6	4265098.62	1.56E-07	5.38E-08	2.10E-07	1.31E-07	4.02E-08	1.71E-07	3.09E-08	1.03E-08	4.12E-08	2.41E-08	4.96E-09	2.91E-08
1801	624926.59	4265102.5	1.57E-07	5.41E-08	2.12E-07	1.32E-07	4.05E-08	1.72E-07	3.12E-08	1.04E-08	4.15E-08	2.43E-08	5.00E-09	2.93E-08
1802	624935.57	4265106.37	1.58E-07	5.45E-08	2.13E-07	1.32E-07	4.08E-08	1.73E-07	3.14E-08	1.04E-08	4.18E-08	2.44E-08	5.03E-09	2.95E-08
1803	624944.56	4265110.25	1.59E-07	5.48E-08	2.14E-07	1.33E-07	4.10E-08	1.74E-07	3.15E-08	1.05E-08	4.20E-08	2.46E-08	5.06E-09	2.96E-08
1804	624953.55	4265114.13	1.60E-07	5.51E-08	2.15E-07	1.34E-07	4.12E-08	1.75E-07	3.17E-08	1.06E-08	4.22E-08	2.47E-08	5.08E-09	2.98E-08
1805	624962.53	4265118	1.61E-07	5.53E-08	2.16E-07	1.34E-07	4.14E-08	1.76E-07	3.18E-08	1.06E-08	4.24E-08	2.48E-08	5.11E-09	2.99E-08
1806	624971.52	4265121.88	1.62E-07	5.56E-08	2.17E-07	1.35E-07	4.16E-08	1.77E-07	3.20E-08	1.06E-08	4.26E-08	2.49E-08	5.13E-09	3.01E-08
1807	624980.5	4265125.75	1.62E-07	5.58E-08	2.18E-07	1.36E-07	4.17E-08	1.77E-07	3.21E-08	1.07E-08	4.28E-08	2.50E-08	5.15E-09	3.02E-08
1808	624989.49	4265129.63	1.63E-07	5.59E-08	2.18E-07	1.36E-07	4.19E-08	1.78E-07	3.22E-08	1.07E-08	4.29E-08	2.51E-08	5.16E-09	3.02E-08
1809	624998.48	4265133.5	1.63E-07	5.60E-08	2.19E-07	1.36E-07	4.19E-08	1.78E-07	3.22E-08	1.07E-08	4.30E-08	2.51E-08	5.17E-09	3.03E-08
1810	625007.46	4265137.38	1.63E-07	5.61E-08	2.19E-07	1.36E-07	4.20E-08	1.78E-07	3.23E-08	1.07E-08	4.30E-08	2.52E-08	5.17E-09	3.03E-08
1811	625016.45	4265141.26	1.63E-07	5.61E-08	2.19E-07	1.36E-07	4.20E-08	1.78E-07	3.23E-08	1.07E-08	4.30E-08	2.52E-08	5.17E-09	3.03E-08
1812	625025.43	4265145.13	1.63E-07	5.60E-08	2.19E-07	1.36E-07	4.19E-08	1.78E-07	3.23E-08	1.07E-08	4.30E-08	2.51E-08	5.17E-09	3.03E-08
1813	625034.42	4265149.01	1.63E-07	5.59E-08	2.19E-07	1.36E-07	4.19E-08	1.78E-07	3.22E-08	1.07E-08	4.29E-08	2.51E-08	5.16E-09	3.03E-08
1814	625043.4	4265152.88	1.62E-07	5.58E-08	2.18E-07	1.36E-07	4.18E-08	1.77E-07	3.21E-08	1.07E-08	4.28E-08	2.50E-08	5.15E-09	3.02E-08
1815	625052.39	4265156.76	1.62E-07	5.56E-08	2.17E-07	1.35E-07	4.16E-08	1.77E-07	3.20E-08	1.07E-08	4.27E-08	2.50E-08	5.13E-09	3.01E-08
1816	625061.38	4265160.63	1.61E-07	5.54E-08	2.16E-07	1.35E-07	4.15E-08	1.76E-07	3.19E-08	1.06E-08	4.25E-08	2.49E-08	5.11E-09	3.00E-08
1817	625070.36	4265164.51	1.60E-07	5.51E-08	2.15E-07	1.34E-07	4.13E-08	1.75E-07	3.17E-08	1.06E-08	4.23E-08	2.47E-08	5.09E-09	2.98E-08
1818	625079.35	4265168.39	1.59E-07	5.48E-08	2.14E-07	1.33E-07	4.10E-08	1.74E-07	3.15E-08	1.05E-08	4.20E-08	2.46E-08	5.06E-09	2.96E-08
1819	625088.33	4265172.26	1.58E-07	5.44E-08	2.13E-07	1.32E-07	4.08E-08	1.73E-07	3.13E-08	1.04E-08	4.18E-08	2.44E-08	5.02E-09	2.95E-08
1820	625097.32	4265176.14	1.57E-07	5.40E-08	2.11E-07	1.31E-07	4.05E-08	1.72E-07	3.11E-08	1.04E-08	4.14E-08	2.42E-08	4.99E-09	2.92E-08
1821	625106.3	4265180.01	1.56E-07	5.36E-08	2.09E-07	1.30E-07	4.01E-08	1.70E-07	3.08E-08	1.03E-08	4.11E-08	2.40E-08	4.94E-09	2.90E-08
1822	625115.29	4265183.89	1.54E-07	5.31E-08	2.07E-07	1.29E-07	3.97E-08	1.69E-07	3.05E-08	1.02E-08	4.07E-08	2.38E-08	4.90E-09	2.87E-08
1823	625124.28	4265187.76	1.53E-07	5.25E-08	2.05E-07	1.28E-07	3.93E-08	1.67E-07	3.02E-08	1.01E-08	4.03E-08	2.36E-08	4.85E-09	2.84E-08
1824	625133.26	4265191.64	1.51E-07	5.20E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.96E-09	3.99E-08	2.33E-08	4.80E-09	2.81E-08
1825	625142.25	4265195.52	1.49E-07	5.14E-08	2.01E-07	1.25E-07	3.84E-08	1.63E-07	2.96E-08	9.84E-09	3.94E-08	2.30E-08	4.74E-09	2.78E-08
1826	625151.23	4265199.39	1.48E-07	5.07E-08	1.98E-07	1.23E-07	3.80E-08	1.61E-07	2.92E-08	9.72E-09	3.89E-08	2.28E-08	4.68E-09	2.74E-08
1827	625160.22	4265203.27	1.46E-07	5.01E-08	1.96E-07	1.22E-07	3.75E-08	1.59E-07	2.88E-08	9.59E-09	3.84E-08	2.25E-08	4.62E-09	2.71E-08
1828	625169.2	4265207.14	1.44E-07	4.94E-08	1.93E-07	1.20E-07	3.70E-08	1.57E-07	2.84E-08	9.46E-09	3.79E-08	2.22E-08	4.56E-09	2.67E-08
1829	625178.19	4265211.02	1.42E-07	4.87E-08	1.90E-07	1.18E-07	3.65E-08	1.55E-07	2.80E-08	9.33E-09	3.74E-08	2.18E-08	4.49E-09	2.63E-08
1830	625187.18	4265214.89	1.40E-07	4.80E-08	1.87E-07	1.17E-07	3.59E-08	1.53E-07	2.76E-08	9.19E-09	3.68E-08	2.15E-08	4.43E-09	2.60E-08
1831	625196.16	4265218.77	1.37E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.05E-09	3.63E-08	2.12E-08	4.36E-09	2.56E-08
1832	625205.15	4265222.65	1.35E-07	4.65E-08	1.82E-07	1.13E-07	3.48E-08	1.48E-07	2.68E-08	8.92E-09	3.57E-08	2.09E-08	4.29E-09	2.52E-08
1833	625214.13	4265226.52	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.78E-09	3.51E-08	2.06E-08	4.23E-09	2.48E-08
1834	625223.12	4265230.4	1.31E-07	4.51E-08	1.76E-07	1.10E-07	3.37E-08	1.43E-07	2.59E-08	8.64E-09	3.46E-08	2.02E-08	4.16E-09	2.44E-08
1835	625232.1	4265234.27	1.29E-07	4.44E-08	1.73E-07	1.08E-07	3.32E-08	1.41E-07	2.55E-08	8.50E-09	3.40E-08	1.99E-08	4.09E-09	2.40E-08
1836	625241.09	4265238.15	1.27E-07	4.36E-08	1.70E-07	1.06E-07	3.27E-08	1.39E-07	2.51E-08	8.36E-09	3.35E-08	1.96E-08	4.03E-09	2.36E-08
1837	625250.08	4265242.02	1.25E-07	4.29E-08	1.68E-07	1.04E-07	3.21E-08	1.36E-07	2.47E-08	8.22E-09	3.29E-08	1.93E-08	3.96E-09	2.32E-08
1838	625259.06	4265245.9	1.23E-07	4.22E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.09E-09	3.24E-08	1.89E-08	3.90E-09	2.28E-08
1839	625268.05	4265249.78	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.95E-09	3.19E-08	1.86E-08	3.83E-09	2.25E-08
1840	625277.03	4265253.65	1.19E-07	4.08E-08	1.60E-07	9.93E-08	3.06E-08	1.30E-07	2.35E-08	7.82E-09	3.13E-08	1.83E-08	3.77E-09	2.21E-08
1841	625289.62	4265266.63	1.17E-07	4.01E-08	1.57E-07	9.74E-08	3.00E-08	1.27E-07	2.31E-08	7.68E-09	3.07E-08	1.80E-08	3.70E-09	2.17E-08
1842	625293.22	4265275.73	1.16E-07	4.00E-08	1.56E-07	9.72E-08	2.99E-08	1.27E-07	2.30E-08	7.66E-09	3.07E-08	1.79E-08	3.69E-09	2.16E-08
1843	625296.82	4265284.83	1.16E-07	3.99E-08	1.56E-07	9.70E-08	2.99E-08	1.27E-07	2.30E-08	7.65E-09	3.06E-08	1.79E-08	3.68E-09	2.16E-08
1844	625300.42	4265293.92	1.16E-07	3.98E-08	1.56E-07	9.68E-08	2.98E-08	1.27E-07	2.29E-08	7.63E-09	3.05E-08	1.79E-08	3.67E-09	2.15E-08
1845	625304.03	4265303.02	1.16E-07	3.97E-08	1.55E-07	9.65E-08	2.97E-08	1.26E-07	2.29E-08	7.61E-09	3.05E-08	1.78E-08	3.67E-09	2.15E-08
1846	625307.63	4265312.12	1.15E-07	3.96E-08	1.55E-07	9.63E-08	2.97E-08	1.26E-07	2.28E-08	7.59E-09	3.04E-08	1.78E-08	3.66E-09	2.14E-08
1847	625311.23	4265321.22	1.15E-07	3.95E-08	1.54E-07	9.60E-08	2.96E-08	1.26E-07	2.27E-08	7.57E-09	3.03E-08	1.77E-08	3.65E-09	2.14E-08
1848	625314.83	4265330.32	1.15E-07	3.94E-08	1.54E-07	9.58E-08	2.95E-08	1.25E-07	2.27E-08	7.55E-09	3.02E-08	1.77E-08	3.64E-09	2.13E-08
1849	625318.43	4265339.42	1.14E-07	3.93E-08	1.54E-07	9.55E-08	2.94E-08	1.25E-07	2.26E-08	7.53E-09	3.01E-08	1.76E-08	3.63E-09	2.13E-08
1850	625322.03	4265348.52	1.14E-07	3.92E-08	1.53E-07	9.52E-08	2.93E-08	1.25E-07	2.25E-08	7.50E-09	3.00E-08	1.76E-08	3.61E-09	2.12E-08
1851	625325.63	4265357.62	1.14E-07	3.90E-08	1.53E-07	9.49E-08	2.92E-08	1.24E-07	2.25E-08	7.48E-09	2.99E-08	1.75E-08	3.60E-09	2.11E-08
1852	625329.24	4265366.72	1.13E-07	3.89E-08	1.52E-07	9.46E-08	2.91E-08	1.24E-07	2.24E-08	7.45E-09	2.98E-08	1.75E-08	3.59E-09	2.10E-08
1853	625332.84	4265375.82	1.13E-07	3.88E-08	1.51E-07	9.42E-08	2.90E-08	1.23E-07	2.23E-08	7.43E-09	2.97E-08	1.74E-08	3.58E-09	2.10E-08
1854	625336.44	4265384.92	1.12E-07	3.86E-08	1.51E-07	9.39E-08	2.89E-08	1.23E-07	2.22E-08	7.40E-09	2.96E-08	1.73E-08	3.56E-09	2.09E-08
1855	625340.04	4265394.01	1.12E-07	3.85E-08	1.50E-07	9.35E-08	2.88E-08	1.22E-07	2.21E-08	7.37E-09	2.95E-08	1.73E-08	3.55E-09	2.08E-08
1856	625343.64	4265403.11	1.11E-07	3.83E-08	1.50E-07	9.31E-08	2.87E-08	1.22E-07	2.21E-08	7.34E-09	2.94E-08	1.72E-08	3.54E-09	2.07E-08
1857	625347.24	4265412.21	1.11E-07	3.82E-08	1.49E-07	9.27E-08	2.86E-08	1.21E-07	2.20E-08	7.31E-09	2.93E-08	1.71E-08	3.52E-09	2.06E-08
1858	625350.85	4265421.31	1.10E-07	3.80E-08	1.48E-07	9.23E-08	2.84E-08	1.21E-07	2.19E-08	7.28E-09	2.91E-08	1.70E-08	3.51E-09	2.06E-08
1859	625354.45	4265430.41	1.10E-07	3.78E-08	1.48E-07	9.19E-08	2.83E-08	1.20E-07	2.18E-08	7.25E-09	2.90E-08	1.70E-08	3.49E-09	2.05E-08
1860	625358.05	4265439.51	1.09E-07	3.76E-08	1.47E-07	9.15E-08	2.82E-08	1.20E-07	2.17E-08	7.21E-09	2.89E-08	1.69E-08	3.47E-09	2.04E-08
1861	625361.65	4265448.61	1.09E-07	3.74E-08	1.46E-07	9.10E-08	2.80E-08	1.19E-07	2.16E-08	7.17E-09	2.87E-08	1.68E-08	3.46E-09	2.03E-08
1862	625365.25	4265457.71	1.08E-07	3.72E-08	1.46E-07	9.05E-08	2.79E-08	1.18E-07	2.14E-08	7.14E-09	2.86E-08	1.67E-08	3.44E-09	2.02E-08
1863	625368.85	4265466.81	1.08E-07	3.70E-08	1.45E-07	9.01E-08	2.77E-08	1.18E-07	2.13E-08	7.10E-09	2.84E-08	1.66E-08	3.42E-09	2.00E-08
1864	625372.45	4265475.91	1.07E-07	3.68E-08	1.44E-07	8.95E-08	2.76E-08	1.17E-07	2.12E-08	7.06E-09	2.83E-08	1.65E-08	3.40E-09	1.99E-08
1865	625376.06	4265485.01	1.07E-07	3.66E-08	1.43E-07	8.90E-08	2.74E-08	1.16E-07	2.11E-08	7.02E-09	2.81E-08	1.64E-08	3.38E-09	1.98E-08
1866	625379.66	4265494.11	1.06E-07	3.64E-08	1.42E-07	8.85E-08	2.73E-08	1.16E-07	2.10E-08	6.97E-09	2.79E-08	1.63E-08	3.36E-09	1.97E-08
1867	625383.26	4265503.2	1.05E-07	3.62E-08	1.41E-07	8.79E-08	2.71E-08	1.15E-07	2.08E-08	6.93E-09	2.77E-08	1.62E-08	3.34E-09	1.96E-08
1868	625386.86	4265512.3	1.04E-07	3.59E-08	1.40E-07	8.73E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.76E-08	1.61E-08	3.32E-09	1.94E-08

1869	625390.46	4265521.4	1.04E-07	3.57E-08	1.39E-07	8.67E-08	2.67E-08	1.13E-07	2.05E-08	6.84E-09	2.74E-08	1.60E-08	3.29E-09	1.93E-08
1870	625394.06	4265530.5	1.03E-07	3.54E-08	1.38E-07	8.61E-08	2.65E-08	1.13E-07	2.04E-08	6.79E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
1871	625397.66	4265539.6	1.02E-07	3.51E-08	1.37E-07	8.54E-08	2.63E-08	1.12E-07	2.02E-08	6.73E-09	2.70E-08	1.58E-08	3.24E-09	1.90E-08
1872	625401.27	4265548.7	1.01E-07	3.49E-08	1.36E-07	8.48E-08	2.61E-08	1.11E-07	2.01E-08	6.68E-09	2.68E-08	1.56E-08	3.22E-09	1.89E-08
1873	625404.87	4265557.8	1.01E-07	3.46E-08	1.35E-07	8.41E-08	2.59E-08	1.10E-07	1.99E-08	6.63E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
1874	625408.47	4265566.9	9.97E-08	3.43E-08	1.34E-07	8.33E-08	2.57E-08	1.09E-07	1.97E-08	6.57E-09	2.63E-08	1.54E-08	3.16E-09	1.86E-08
1875	625412.07	4265576	9.88E-08	3.40E-08	1.33E-07	8.26E-08	2.54E-08	1.08E-07	1.96E-08	6.51E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
1876	625415.67	4265585.1	9.79E-08	3.37E-08	1.32E-07	8.18E-08	2.52E-08	1.07E-07	1.94E-08	6.45E-09	2.58E-08	1.51E-08	3.11E-09	1.82E-08
1877	625419.27	4265594.2	9.70E-08	3.33E-08	1.30E-07	8.11E-08	2.50E-08	1.06E-07	1.92E-08	6.39E-09	2.56E-08	1.50E-08	3.08E-09	1.80E-08
1878	625422.88	4265603.29	9.60E-08	3.30E-08	1.29E-07	8.02E-08	2.47E-08	1.05E-07	1.90E-08	6.32E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
1879	625426.48	4265612.39	9.50E-08	3.27E-08	1.28E-07	7.94E-08	2.45E-08	1.04E-07	1.88E-08	6.26E-09	2.51E-08	1.47E-08	3.01E-09	1.77E-08
1880	625430.08	4265621.49	9.39E-08	3.23E-08	1.26E-07	7.85E-08	2.42E-08	1.03E-07	1.86E-08	6.19E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
1881	625433.68	4265630.59	9.29E-08	3.19E-08	1.25E-07	7.76E-08	2.39E-08	1.02E-07	1.84E-08	6.12E-09	2.45E-08	1.43E-08	2.95E-09	1.73E-08
1882	625437.28	4265639.69	9.18E-08	3.16E-08	1.23E-07	7.67E-08	2.36E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
1883	625440.88	4265648.79	9.07E-08	3.12E-08	1.22E-07	7.58E-08	2.33E-08	9.91E-08	1.79E-08	5.97E-09	2.39E-08	1.40E-08	2.88E-09	1.69E-08
1884	625444.48	4265657.89	8.95E-08	3.08E-08	1.20E-07	7.48E-08	2.31E-08	9.79E-08	1.77E-08	5.90E-09	2.36E-08	1.38E-08	2.84E-09	1.67E-08
1885	625448.09	4265666.99	8.84E-08	3.04E-08	1.19E-07	7.39E-08	2.28E-08	9.66E-08	1.75E-08	5.82E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
1886	625451.69	4265676.09	8.72E-08	3.00E-08	1.17E-07	7.29E-08	2.25E-08	9.54E-08	1.73E-08	5.75E-09	2.30E-08	1.35E-08	2.77E-09	1.62E-08
1887	624863.69	4265075.37	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.94E-08	9.78E-09	3.92E-08	2.29E-08	4.71E-09	2.76E-08
1888	624853.78	4265075.23	1.48E-07	5.09E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.75E-09	3.91E-08	2.28E-08	4.70E-09	2.75E-08
1889	624843.87	4265075.09	1.48E-07	5.07E-08	1.98E-07	1.23E-07	3.80E-08	1.61E-07	2.92E-08	9.72E-09	3.89E-08	2.28E-08	4.68E-09	2.75E-08
1890	624833.96	4265074.96	1.47E-07	5.06E-08	1.98E-07	1.23E-07	3.79E-08	1.61E-07	2.91E-08	9.69E-09	3.88E-08	2.27E-08	4.67E-09	2.74E-08
1891	624824.05	4265074.82	1.46E-07	5.04E-08	1.97E-07	1.22E-07	3.77E-08	1.60E-07	2.90E-08	9.65E-09	3.86E-08	2.26E-08	4.65E-09	2.73E-08
1892	624814.15	4265074.68	1.46E-07	5.02E-08	1.96E-07	1.22E-07	3.76E-08	1.59E-07	2.89E-08	9.61E-09	3.85E-08	2.25E-08	4.63E-09	2.71E-08
1893	624804.24	4265074.54	1.45E-07	4.99E-08	1.95E-07	1.21E-07	3.74E-08	1.59E-07	2.87E-08	9.57E-09	3.83E-08	2.24E-08	4.61E-09	2.70E-08
1894	624794.33	4265074.41	1.44E-07	4.97E-08	1.94E-07	1.21E-07	3.72E-08	1.58E-07	2.86E-08	9.52E-09	3.81E-08	2.23E-08	4.58E-09	2.69E-08
1895	624784.42	4265074.27	1.44E-07	4.94E-08	1.93E-07	1.20E-07	3.70E-08	1.57E-07	2.84E-08	9.46E-09	3.79E-08	2.22E-08	4.56E-09	2.67E-08
1896	624774.51	4265074.13	1.43E-07	4.91E-08	1.92E-07	1.19E-07	3.68E-08	1.56E-07	2.83E-08	9.41E-09	3.77E-08	2.20E-08	4.53E-09	2.66E-08
1897	624764.6	4265073.99	1.42E-07	4.88E-08	1.91E-07	1.19E-07	3.65E-08	1.55E-07	2.81E-08	9.34E-09	3.74E-08	2.19E-08	4.50E-09	2.64E-08
1898	624754.69	4265073.86	1.41E-07	4.84E-08	1.89E-07	1.18E-07	3.63E-08	1.54E-07	2.79E-08	9.28E-09	3.71E-08	2.17E-08	4.47E-09	2.62E-08
1899	624744.78	4265073.72	1.40E-07	4.80E-08	1.88E-07	1.17E-07	3.60E-08	1.53E-07	2.77E-08	9.20E-09	3.69E-08	2.16E-08	4.43E-09	2.60E-08
1900	624734.87	4265073.58	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.57E-08	1.51E-07	2.74E-08	9.12E-09	3.65E-08	2.14E-08	4.40E-09	2.58E-08
1901	624724.97	4265073.44	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.72E-08	9.04E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
1902	624715.06	4265073.31	1.36E-07	4.67E-08	1.83E-07	1.14E-07	3.50E-08	1.49E-07	2.69E-08	8.95E-09	3.58E-08	2.10E-08	4.31E-09	2.53E-08
1903	624705.15	4265073.17	1.34E-07	4.62E-08	1.81E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.86E-09	3.55E-08	2.07E-08	4.27E-09	2.50E-08
1904	624695.24	4265073.03	1.33E-07	4.57E-08	1.79E-07	1.11E-07	3.42E-08	1.45E-07	2.63E-08	8.76E-09	3.51E-08	2.05E-08	4.22E-09	2.47E-08
1905	624685.33	4265072.89	1.32E-07	4.52E-08	1.77E-07	1.10E-07	3.39E-08	1.44E-07	2.60E-08	8.67E-09	3.47E-08	2.03E-08	4.17E-09	2.45E-08
1906	624675.42	4265072.76	1.30E-07	4.47E-08	1.75E-07	1.09E-07	3.35E-08	1.42E-07	2.57E-08	8.57E-09	3.43E-08	2.01E-08	4.13E-09	2.42E-08
1907	624665.51	4265072.62	1.28E-07	4.42E-08	1.73E-07	1.07E-07	3.31E-08	1.40E-07	2.54E-08	8.47E-09	3.39E-08	1.98E-08	4.08E-09	2.39E-08
1908	624655.6	4265072.48	1.27E-07	4.36E-08	1.71E-07	1.06E-07	3.27E-08	1.39E-07	2.51E-08	8.36E-09	3.35E-08	1.96E-08	4.03E-09	2.36E-08
1909	624645.7	4265072.34	1.25E-07	4.31E-08	1.69E-07	1.05E-07	3.23E-08	1.37E-07	2.48E-08	8.26E-09	3.31E-08	1.93E-08	3.98E-09	2.33E-08
1910	624635.79	4265072.21	1.24E-07	4.26E-08	1.66E-07	1.04E-07	3.19E-08	1.35E-07	2.45E-08	8.16E-09	3.27E-08	1.91E-08	3.93E-09	2.30E-08
1911	624625.88	4265072.07	1.22E-07	4.21E-08	1.64E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.06E-09	3.23E-08	1.89E-08	3.88E-09	2.28E-08
1912	624615.97	4265071.93	1.21E-07	4.16E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.97E-09	3.19E-08	1.87E-08	3.84E-09	2.25E-08
1913	624606.06	4265071.8	1.19E-07	4.11E-08	1.61E-07	9.99E-08	3.08E-08	1.31E-07	2.37E-08	7.87E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
1914	624596.15	4265071.66	1.18E-07	4.06E-08	1.59E-07	9.87E-08	3.04E-08	1.29E-07	2.34E-08	7.78E-09	3.12E-08	1.82E-08	3.75E-09	2.20E-08
1915	624586.24	4265071.52	1.17E-07	4.02E-08	1.57E-07	9.76E-08	3.01E-08	1.28E-07	2.31E-08	7.70E-09	3.08E-08	1.80E-08	3.71E-09	2.17E-08
1916	624576.33	4265071.38	1.16E-07	3.97E-08	1.55E-07	9.66E-08	2.98E-08	1.26E-07	2.29E-08	7.61E-09	3.05E-08	1.78E-08	3.67E-09	2.15E-08
1917	624566.43	4265071.25	1.14E-07	3.93E-08	1.54E-07	9.56E-08	2.94E-08	1.25E-07	2.26E-08	7.53E-09	3.02E-08	1.76E-08	3.63E-09	2.13E-08
1918	624556.52	4265071.11	1.13E-07	3.89E-08	1.52E-07	9.46E-08	2.91E-08	1.24E-07	2.24E-08	7.46E-09	2.99E-08	1.75E-08	3.59E-09	2.11E-08
1919	624546.61	4265070.97	1.12E-07	3.85E-08	1.51E-07	9.37E-08	2.89E-08	1.23E-07	2.22E-08	7.39E-09	2.96E-08	1.73E-08	3.56E-09	2.09E-08
1920	624536.7	4265070.83	1.11E-07	3.82E-08	1.49E-07	9.28E-08	2.86E-08	1.21E-07	2.20E-08	7.31E-09	2.93E-08	1.71E-08	3.52E-09	2.07E-08
1921	624526.79	4265070.7	1.10E-07	3.78E-08	1.48E-07	9.19E-08	2.83E-08	1.20E-07	2.18E-08	7.25E-09	2.90E-08	1.70E-08	3.49E-09	2.05E-08
1922	624516.88	4265070.56	1.09E-07	3.75E-08	1.46E-07	9.11E-08	2.81E-08	1.19E-07	2.16E-08	7.18E-09	2.88E-08	1.68E-08	3.46E-09	2.03E-08
1923	624506.97	4265070.42	1.08E-07	3.71E-08	1.45E-07	9.03E-08	2.78E-08	1.18E-07	2.14E-08	7.11E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08
1924	624497.06	4265070.28	1.07E-07	3.68E-08	1.44E-07	8.94E-08	2.75E-08	1.17E-07	2.12E-08	7.05E-09	2.82E-08	1.65E-08	3.40E-09	1.99E-08
1925	624487.15	4265070.15	1.06E-07	3.64E-08	1.42E-07	8.86E-08	2.73E-08	1.16E-07	2.10E-08	6.98E-09	2.80E-08	1.64E-08	3.36E-09	1.97E-08
1926	624477.25	4265070.01	1.05E-07	3.61E-08	1.41E-07	8.78E-08	2.70E-08	1.15E-07	2.08E-08	6.92E-09	2.77E-08	1.62E-08	3.33E-09	1.95E-08
1927	624467.34	4265069.87	1.04E-07	3.57E-08	1.40E-07	8.69E-08	2.68E-08	1.14E-07	2.06E-08	6.85E-09	2.74E-08	1.60E-08	3.30E-09	1.93E-08
1928	624457.43	4265069.73	1.03E-07	3.54E-08	1.38E-07	8.60E-08	2.65E-08	1.13E-07	2.04E-08	6.78E-09	2.72E-08	1.59E-08	3.27E-09	1.91E-08
1929	624447.52	4265069.6	1.02E-07	3.50E-08	1.37E-07	8.52E-08	2.62E-08	1.11E-07	2.02E-08	6.71E-09	2.69E-08	1.57E-08	3.23E-09	1.90E-08
1930	624437.61	4265069.46	1.01E-07	3.47E-08	1.35E-07	8.43E-08	2.60E-08	1.10E-07	2.00E-08	6.64E-09	2.66E-08	1.56E-08	3.20E-09	1.88E-08
1931	624427.7	4265069.32	9.97E-08	3.43E-08	1.34E-07	8.34E-08	2.57E-08	1.09E-07	1.97E-08	6.57E-09	2.63E-08	1.54E-08	3.17E-09	1.86E-08
1932	624417.79	4265069.18	9.87E-08	3.39E-08	1.33E-07	8.25E-08	2.54E-08	1.08E-07	1.95E-08	6.50E-09	2.60E-08	1.52E-08	3.13E-09	1.84E-08
1933	624407.88	4265069.05	9.76E-08	3.36E-08	1.31E-07	8.16E-08	2.51E-08	1.07E-07	1.93E-08	6.43E-09	2.57E-08	1.51E-08	3.10E-09	1.82E-08
1934	624397.98	4265068.91	9.65E-08	3.32E-08	1.30E-07	8.06E-08	2.48E-08	1.05E-07	1.91E-08	6.36E-09	2.55E-08	1.49E-08	3.06E-09	1.80E-08
1935	624388.07	4265068.77	9.54E-08	3.28E-08	1.28E-07	7.97E-08	2.46E-08	1.04E-07	1.89E-08	6.29E-09	2.52E-08	1.47E-08	3.03E-09	1.77E-08
1936	624378.16	4265068.64	9.43E-08	3.24E-08	1.27E-07	7.88E-08	2.43E-08	1.03E-07	1.87E-08	6.21E-09	2.49E-08	1.46E-08	2.99E-09	1.75E-08
1937	624368.25	4265068.5	9.32E-08	3.21E-08	1.25E-07	7.79E-08	2.40E-08	1.02E-07	1.85E-08	6.14E-09	2.46E-08	1.44E-08	2.96E-09	1.73E-08
1938	624873.35	4265029.24	1.35E-07	4.63E-08	1.81E-07	1.13E-07	3.47E-08	1.47E-07	2.67E-08	8.88E-09	3.56E-08	2.08E-08	4.28E-09	2.51E-08
1939	624882.32	4265033.11	1.36E-07	4.68E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.69E-08	8.97E-09	3.59E-08	2.10E-08	4.32E-09	2.53E-08
1940	624891.3	4265036.98	1.37E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.06E-09	3.63E-08	2.12E-08	4.36E-09	2.56E-08

1941	624900.27	4265040.85	1.39E-07	4.77E-08	1.86E-07	1.16E-07	3.57E-08	1.52E-07	2.75E-08	9.14E-09	3.66E-08	2.14E-08	4.40E-09	2.58E-08
1942	624909.24	4265044.72	1.40E-07	4.81E-08	1.88E-07	1.17E-07	3.60E-08	1.53E-07	2.77E-08	9.22E-09	3.69E-08	2.16E-08	4.44E-09	2.60E-08
1943	624918.21	4265048.59	1.41E-07	4.85E-08	1.90E-07	1.18E-07	3.63E-08	1.54E-07	2.79E-08	9.30E-09	3.72E-08	2.18E-08	4.48E-09	2.63E-08
1944	624927.18	4265052.46	1.42E-07	4.89E-08	1.91E-07	1.19E-07	3.66E-08	1.56E-07	2.82E-08	9.38E-09	3.75E-08	2.20E-08	4.52E-09	2.65E-08
1945	624936.15	4265056.33	1.43E-07	4.93E-08	1.93E-07	1.20E-07	3.69E-08	1.57E-07	2.84E-08	9.45E-09	3.78E-08	2.21E-08	4.55E-09	2.67E-08
1946	624945.12	4265060.2	1.44E-07	4.97E-08	1.94E-07	1.21E-07	3.72E-08	1.58E-07	2.86E-08	9.52E-09	3.81E-08	2.23E-08	4.58E-09	2.69E-08
1947	624954.09	4265064.07	1.45E-07	5.00E-08	1.95E-07	1.22E-07	3.74E-08	1.59E-07	2.88E-08	9.58E-09	3.84E-08	2.24E-08	4.61E-09	2.70E-08
1948	624963.06	4265067.94	1.46E-07	5.03E-08	1.97E-07	1.22E-07	3.77E-08	1.60E-07	2.89E-08	9.64E-09	3.86E-08	2.26E-08	4.64E-09	2.72E-08
1949	624972.03	4265071.81	1.47E-07	5.06E-08	1.98E-07	1.23E-07	3.79E-08	1.61E-07	2.91E-08	9.69E-09	3.88E-08	2.27E-08	4.67E-09	2.74E-08
1950	624981.01	4265075.67	1.48E-07	5.08E-08	1.99E-07	1.23E-07	3.80E-08	1.62E-07	2.92E-08	9.73E-09	3.90E-08	2.28E-08	4.69E-09	2.75E-08
1951	624989.98	4265079.54	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.94E-08	9.77E-09	3.91E-08	2.29E-08	4.71E-09	2.76E-08
1952	624998.95	4265083.41	1.49E-07	5.12E-08	2.00E-07	1.24E-07	3.83E-08	1.63E-07	2.95E-08	9.81E-09	3.93E-08	2.30E-08	4.72E-09	2.77E-08
1953	625007.92	4265087.28	1.49E-07	5.13E-08	2.01E-07	1.25E-07	3.84E-08	1.63E-07	2.95E-08	9.83E-09	3.94E-08	2.30E-08	4.74E-09	2.78E-08
1954	625016.89	4265091.15	1.50E-07	5.14E-08	2.01E-07	1.25E-07	3.85E-08	1.64E-07	2.96E-08	9.85E-09	3.95E-08	2.31E-08	4.75E-09	2.78E-08
1955	625025.86	4265095.02	1.50E-07	5.15E-08	2.01E-07	1.25E-07	3.85E-08	1.64E-07	2.96E-08	9.86E-09	3.95E-08	2.31E-08	4.75E-09	2.79E-08
1956	625034.83	4265098.89	1.50E-07	5.15E-08	2.01E-07	1.25E-07	3.86E-08	1.64E-07	2.96E-08	9.87E-09	3.95E-08	2.31E-08	4.75E-09	2.79E-08
1957	625043.8	4265102.76	1.50E-07	5.15E-08	2.01E-07	1.25E-07	3.85E-08	1.64E-07	2.96E-08	9.86E-09	3.95E-08	2.31E-08	4.75E-09	2.79E-08
1958	625052.77	4265106.63	1.50E-07	5.14E-08	2.01E-07	1.25E-07	3.85E-08	1.64E-07	2.96E-08	9.85E-09	3.95E-08	2.31E-08	4.75E-09	2.78E-08
1959	625061.75	4265110.5	1.49E-07	5.13E-08	2.01E-07	1.25E-07	3.84E-08	1.63E-07	2.95E-08	9.83E-09	3.94E-08	2.30E-08	4.74E-09	2.78E-08
1960	625070.72	4265114.37	1.49E-07	5.12E-08	2.00E-07	1.24E-07	3.83E-08	1.63E-07	2.95E-08	9.81E-09	3.93E-08	2.30E-08	4.72E-09	2.77E-08
1961	625079.69	4265118.24	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.93E-08	9.77E-09	3.91E-08	2.29E-08	4.71E-09	2.76E-08
1962	625088.66	4265122.11	1.48E-07	5.08E-08	1.98E-07	1.23E-07	3.80E-08	1.61E-07	2.92E-08	9.72E-09	3.89E-08	2.28E-08	4.68E-09	2.75E-08
1963	625097.63	4265125.98	1.47E-07	5.05E-08	1.97E-07	1.23E-07	3.78E-08	1.60E-07	2.91E-08	9.67E-09	3.87E-08	2.27E-08	4.66E-09	2.73E-08
1964	625106.6	4265129.85	1.46E-07	5.02E-08	1.96E-07	1.22E-07	3.76E-08	1.59E-07	2.89E-08	9.61E-09	3.85E-08	2.25E-08	4.63E-09	2.71E-08
1965	625115.57	4265133.72	1.45E-07	4.98E-08	1.95E-07	1.21E-07	3.73E-08	1.58E-07	2.87E-08	9.54E-09	3.82E-08	2.24E-08	4.60E-09	2.69E-08
1966	625124.54	4265137.59	1.44E-07	4.94E-08	1.93E-07	1.20E-07	3.70E-08	1.57E-07	2.84E-08	9.47E-09	3.79E-08	2.22E-08	4.56E-09	2.67E-08
1967	625133.51	4265141.46	1.42E-07	4.90E-08	1.91E-07	1.19E-07	3.67E-08	1.56E-07	2.82E-08	9.39E-09	3.76E-08	2.20E-08	4.52E-09	2.65E-08
1968	625142.48	4265145.32	1.41E-07	4.85E-08	1.90E-07	1.18E-07	3.63E-08	1.54E-07	2.79E-08	9.30E-09	3.72E-08	2.18E-08	4.48E-09	2.63E-08
1969	625151.46	4265149.19	1.40E-07	4.80E-08	1.88E-07	1.17E-07	3.60E-08	1.53E-07	2.77E-08	9.21E-09	3.69E-08	2.16E-08	4.43E-09	2.60E-08
1970	625160.43	4265153.06	1.38E-07	4.75E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.11E-09	3.65E-08	2.13E-08	4.39E-09	2.57E-08
1971	625169.4	4265156.93	1.37E-07	4.70E-08	1.84E-07	1.14E-07	3.52E-08	1.49E-07	2.70E-08	9.00E-09	3.60E-08	2.11E-08	4.34E-09	2.54E-08
1972	625178.37	4265160.8	1.35E-07	4.64E-08	1.81E-07	1.13E-07	3.48E-08	1.48E-07	2.67E-08	8.89E-09	3.56E-08	2.08E-08	4.28E-09	2.51E-08
1973	625187.34	4265164.67	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.78E-09	3.52E-08	2.06E-08	4.23E-09	2.48E-08
1974	625196.31	4265168.54	1.32E-07	4.52E-08	1.77E-07	1.10E-07	3.39E-08	1.44E-07	2.60E-08	8.67E-09	3.47E-08	2.03E-08	4.17E-09	2.45E-08
1975	625205.28	4265172.41	1.30E-07	4.46E-08	1.74E-07	1.08E-07	3.34E-08	1.42E-07	2.57E-08	8.55E-09	3.42E-08	2.00E-08	4.12E-09	2.41E-08
1976	625214.25	4265176.28	1.28E-07	4.40E-08	1.72E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.43E-09	3.37E-08	1.97E-08	4.06E-09	2.38E-08
1977	625223.22	4265180.15	1.26E-07	4.33E-08	1.69E-07	1.05E-07	3.25E-08	1.38E-07	2.50E-08	8.31E-09	3.33E-08	1.95E-08	4.00E-09	2.35E-08
1978	625232.2	4265184.02	1.24E-07	4.27E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.18E-09	3.28E-08	1.92E-08	3.94E-09	2.31E-08
1979	625241.17	4265187.89	1.22E-07	4.21E-08	1.64E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.06E-09	3.23E-08	1.89E-08	3.88E-09	2.28E-08
1980	625250.14	4265191.76	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.94E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
1981	625259.11	4265195.63	1.19E-07	4.08E-08	1.59E-07	9.91E-08	3.05E-08	1.30E-07	2.35E-08	7.82E-09	3.13E-08	1.83E-08	3.76E-09	2.21E-08
1982	625268.08	4265199.5	1.17E-07	4.02E-08	1.57E-07	9.76E-08	3.01E-08	1.28E-07	2.31E-08	7.69E-09	3.08E-08	1.80E-08	3.71E-09	2.17E-08
1983	625277.05	4265203.37	1.15E-07	3.95E-08	1.54E-07	9.61E-08	2.96E-08	1.26E-07	2.28E-08	7.57E-09	3.03E-08	1.77E-08	3.65E-09	2.14E-08
1984	625286.02	4265207.24	1.13E-07	3.89E-08	1.52E-07	9.46E-08	2.91E-08	1.24E-07	2.24E-08	7.46E-09	2.99E-08	1.75E-08	3.59E-09	2.11E-08
1985	625294.99	4265211.1	1.11E-07	3.83E-08	1.50E-07	9.31E-08	2.87E-08	1.22E-07	2.21E-08	7.34E-09	2.94E-08	1.72E-08	3.54E-09	2.07E-08
1986	625303.96	4265214.97	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.82E-08	1.20E-07	2.17E-08	7.23E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
1987	625312.93	4265218.84	1.08E-07	3.71E-08	1.45E-07	9.02E-08	2.78E-08	1.18E-07	2.14E-08	7.11E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08
1988	625325.5	4265231.8	1.06E-07	3.65E-08	1.43E-07	8.87E-08	2.73E-08	1.16E-07	2.10E-08	6.99E-09	2.80E-08	1.64E-08	3.37E-09	1.97E-08
1989	625329.1	4265240.88	1.06E-07	3.64E-08	1.42E-07	8.85E-08	2.73E-08	1.16E-07	2.10E-08	6.98E-09	2.79E-08	1.63E-08	3.36E-09	1.97E-08
1990	625332.69	4265249.97	1.06E-07	3.63E-08	1.42E-07	8.83E-08	2.72E-08	1.16E-07	2.09E-08	6.96E-09	2.79E-08	1.63E-08	3.35E-09	1.97E-08
1991	625336.29	4265259.05	1.05E-07	3.63E-08	1.42E-07	8.81E-08	2.72E-08	1.15E-07	2.09E-08	6.95E-09	2.78E-08	1.63E-08	3.35E-09	1.96E-08
1992	625339.88	4265268.13	1.05E-07	3.62E-08	1.41E-07	8.80E-08	2.71E-08	1.15E-07	2.08E-08	6.93E-09	2.78E-08	1.62E-08	3.34E-09	1.96E-08
1993	625343.48	4265277.22	1.05E-07	3.61E-08	1.41E-07	8.78E-08	2.70E-08	1.15E-07	2.08E-08	6.92E-09	2.77E-08	1.62E-08	3.33E-09	1.95E-08
1994	625347.08	4265286.3	1.05E-07	3.60E-08	1.41E-07	8.76E-08	2.70E-08	1.15E-07	2.07E-08	6.90E-09	2.76E-08	1.62E-08	3.32E-09	1.95E-08
1995	625350.67	4265295.39	1.05E-07	3.59E-08	1.40E-07	8.73E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.94E-08
1996	625354.27	4265304.47	1.04E-07	3.58E-08	1.40E-07	8.71E-08	2.68E-08	1.14E-07	2.06E-08	6.87E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
1997	625357.86	4265313.56	1.04E-07	3.57E-08	1.40E-07	8.69E-08	2.68E-08	1.14E-07	2.06E-08	6.85E-09	2.74E-08	1.60E-08	3.30E-09	1.93E-08
1998	625361.46	4265322.64	1.04E-07	3.56E-08	1.39E-07	8.67E-08	2.67E-08	1.13E-07	2.05E-08	6.83E-09	2.74E-08	1.60E-08	3.29E-09	1.93E-08
1999	625365.05	4265331.72	1.03E-07	3.55E-08	1.39E-07	8.64E-08	2.66E-08	1.13E-07	2.05E-08	6.81E-09	2.73E-08	1.60E-08	3.28E-09	1.92E-08
2000	625368.65	4265340.81	1.03E-07	3.54E-08	1.38E-07	8.61E-08	2.65E-08	1.13E-07	2.04E-08	6.79E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
2001	625372.24	4265349.89	1.03E-07	3.53E-08	1.38E-07	8.59E-08	2.64E-08	1.12E-07	2.03E-08	6.77E-09	2.71E-08	1.59E-08	3.26E-09	1.91E-08
2002	625375.84	4265358.98	1.02E-07	3.52E-08	1.38E-07	8.56E-08	2.64E-08	1.12E-07	2.03E-08	6.75E-09	2.70E-08	1.58E-08	3.25E-09	1.90E-08
2003	625379.44	4265368.06	1.02E-07	3.51E-08	1.37E-07	8.53E-08	2.63E-08	1.12E-07	2.02E-08	6.72E-09	2.69E-08	1.57E-08	3.24E-09	1.90E-08
2004	625383.03	4265377.15	1.02E-07	3.50E-08	1.37E-07	8.50E-08	2.62E-08	1.11E-07	2.01E-08	6.70E-09	2.68E-08	1.57E-08	3.23E-09	1.89E-08
2005	625386.63	4265386.23	1.01E-07	3.48E-08	1.36E-07	8.46E-08	2.61E-08	1.11E-07	2.00E-08	6.67E-09	2.67E-08	1.56E-08	3.21E-09	1.88E-08
2006	625390.22	4265395.31	1.01E-07	3.47E-08	1.36E-07	8.43E-08	2.60E-08	1.10E-07	2.00E-08	6.65E-09	2.66E-08	1.56E-08	3.20E-09	1.88E-08
2007	625393.82	4265404.4	1.00E-07	3.45E-08	1.35E-07	8.40E-08	2.59E-08	1.10E-07	1.99E-08	6.62E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
2008	625397.41	4265413.48	1.00E-07	3.44E-08	1.34E-07	8.36E-08	2.58E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.17E-09	1.86E-08
2009	625401.01	4265422.57	9.96E-08	3.42E-08	1.34E-07	8.32E-08	2.56E-08	1.09E-07	1.97E-08	6.56E-09	2.63E-08	1.54E-08	3.16E-09	1.85E-08
2010	625404.6	4265431.65	9.91E-08	3.41E-08	1.33E-07	8.28E-08	2.55E-08	1.08E-07	1.96E-08	6.53E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
2011	625408.2	4265440.74	9.86E-08	3.39E-08	1.32E-07	8.24E-08	2.54E-08	1.08E-07	1.95E-08	6.50E-09	2.60E-08	1.52E-08	3.13E-09	1.83E-08
2012	625411.8	4265449.82	9.81E-08	3.37E-08	1.32E-07	8.20E-08	2.53E-08	1.07E-07	1.94E-08	6.46E-09	2.59E-08	1.51E-08	3.11E-09	1.82E-08

2013	625415.39	4265458.9	9.75E-08	3.35E-08	1.31E-07	8.15E-08	2.51E-08	1.07E-07	1.93E-08	6.43E-09	2.57E-08	1.51E-08	3.10E-09	1.81E-08
2014	625418.99	4265467.99	9.70E-08	3.34E-08	1.30E-07	8.11E-08	2.50E-08	1.06E-07	1.92E-08	6.39E-09	2.56E-08	1.50E-08	3.08E-09	1.80E-08
2015	625422.58	4265477.07	9.64E-08	3.32E-08	1.30E-07	8.06E-08	2.48E-08	1.05E-07	1.91E-08	6.35E-09	2.54E-08	1.49E-08	3.06E-09	1.79E-08
2016	625426.18	4265486.16	9.58E-08	3.30E-08	1.29E-07	8.01E-08	2.47E-08	1.05E-07	1.90E-08	6.31E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
2017	625429.77	4265495.24	9.52E-08	3.27E-08	1.28E-07	7.96E-08	2.45E-08	1.04E-07	1.88E-08	6.27E-09	2.51E-08	1.47E-08	3.02E-09	1.77E-08
2018	625433.37	4265504.32	9.46E-08	3.25E-08	1.27E-07	7.91E-08	2.44E-08	1.03E-07	1.87E-08	6.23E-09	2.50E-08	1.46E-08	3.00E-09	1.76E-08
2019	625436.97	4265513.41	9.39E-08	3.23E-08	1.26E-07	7.85E-08	2.42E-08	1.03E-07	1.86E-08	6.19E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
2020	625440.56	4265522.49	9.33E-08	3.21E-08	1.25E-07	7.80E-08	2.40E-08	1.02E-07	1.85E-08	6.14E-09	2.46E-08	1.44E-08	2.96E-09	1.73E-08
2021	625444.16	4265531.58	9.26E-08	3.18E-08	1.24E-07	7.74E-08	2.38E-08	1.01E-07	1.83E-08	6.10E-09	2.44E-08	1.43E-08	2.94E-09	1.72E-08
2022	625447.75	4265540.66	9.18E-08	3.16E-08	1.23E-07	7.68E-08	2.36E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
2023	625451.35	4265549.75	9.11E-08	3.13E-08	1.22E-07	7.62E-08	2.35E-08	9.96E-08	1.80E-08	6.00E-09	2.40E-08	1.41E-08	2.89E-09	1.70E-08
2024	625454.94	4265558.83	9.03E-08	3.11E-08	1.21E-07	7.55E-08	2.33E-08	9.88E-08	1.79E-08	5.95E-09	2.38E-08	1.39E-08	2.87E-09	1.68E-08
2025	625458.54	4265567.91	8.96E-08	3.08E-08	1.20E-07	7.49E-08	2.31E-08	9.79E-08	1.77E-08	5.90E-09	2.36E-08	1.38E-08	2.84E-09	1.67E-08
2026	625462.13	4265577	8.88E-08	3.05E-08	1.19E-07	7.42E-08	2.29E-08	9.70E-08	1.76E-08	5.85E-09	2.34E-08	1.37E-08	2.82E-09	1.65E-08
2027	625465.73	4265586.08	8.79E-08	3.02E-08	1.18E-07	7.35E-08	2.26E-08	9.61E-08	1.74E-08	5.79E-09	2.32E-08	1.36E-08	2.79E-09	1.64E-08
2028	625469.33	4265595.17	8.70E-08	2.99E-08	1.17E-07	7.27E-08	2.24E-08	9.51E-08	1.72E-08	5.73E-09	2.30E-08	1.34E-08	2.76E-09	1.62E-08
2029	625472.92	4265604.25	8.61E-08	2.96E-08	1.16E-07	7.20E-08	2.22E-08	9.42E-08	1.70E-08	5.67E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
2030	625476.52	4265613.34	8.52E-08	2.93E-08	1.15E-07	7.12E-08	2.19E-08	9.32E-08	1.69E-08	5.61E-09	2.25E-08	1.31E-08	2.70E-09	1.59E-08
2031	625480.11	4265622.42	8.43E-08	2.90E-08	1.13E-07	7.04E-08	2.17E-08	9.21E-08	1.67E-08	5.55E-09	2.22E-08	1.30E-08	2.67E-09	1.57E-08
2032	625483.71	4265631.5	8.33E-08	2.86E-08	1.12E-07	6.96E-08	2.14E-08	9.11E-08	1.65E-08	5.49E-09	2.20E-08	1.29E-08	2.64E-09	1.55E-08
2033	625487.3	4265640.59	8.23E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	9.00E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2034	625490.9	4265649.67	8.13E-08	2.80E-08	1.09E-07	6.80E-08	2.09E-08	8.89E-08	1.61E-08	5.36E-09	2.15E-08	1.25E-08	2.58E-09	1.51E-08
2035	625494.5	4265658.76	8.03E-08	2.76E-08	1.08E-07	6.71E-08	2.07E-08	8.78E-08	1.59E-08	5.29E-09	2.12E-08	1.24E-08	2.55E-09	1.49E-08
2036	625498.09	4265667.84	7.93E-08	2.73E-08	1.07E-07	6.63E-08	2.04E-08	8.68E-08	1.57E-08	5.23E-09	2.09E-08	1.22E-08	2.52E-09	1.48E-08
2037	625501.69	4265676.93	7.84E-08	2.69E-08	1.05E-07	6.55E-08	2.02E-08	8.57E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
2038	624864.38	4265025.37	1.33E-07	4.59E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.79E-09	3.52E-08	2.06E-08	4.23E-09	2.48E-08
2039	624854.47	4265025.24	1.33E-07	4.57E-08	1.79E-07	1.11E-07	3.42E-08	1.45E-07	2.63E-08	8.76E-09	3.51E-08	2.05E-08	4.22E-09	2.47E-08
2040	624844.56	4265025.1	1.32E-07	4.55E-08	1.78E-07	1.11E-07	3.41E-08	1.45E-07	2.62E-08	8.72E-09	3.49E-08	2.04E-08	4.20E-09	2.46E-08
2041	624834.66	4265024.96	1.32E-07	4.53E-08	1.77E-07	1.10E-07	3.39E-08	1.44E-07	2.61E-08	8.68E-09	3.48E-08	2.03E-08	4.18E-09	2.45E-08
2042	624824.75	4265024.82	1.31E-07	4.51E-08	1.76E-07	1.10E-07	3.38E-08	1.43E-07	2.60E-08	8.64E-09	3.46E-08	2.02E-08	4.16E-09	2.44E-08
2043	624814.84	4265024.69	1.31E-07	4.49E-08	1.76E-07	1.09E-07	3.36E-08	1.43E-07	2.59E-08	8.60E-09	3.45E-08	2.02E-08	4.14E-09	2.43E-08
2044	624804.93	4265024.55	1.30E-07	4.47E-08	1.75E-07	1.09E-07	3.35E-08	1.42E-07	2.57E-08	8.56E-09	3.43E-08	2.01E-08	4.12E-09	2.42E-08
2045	624795.02	4265024.41	1.29E-07	4.44E-08	1.74E-07	1.08E-07	3.33E-08	1.41E-07	2.56E-08	8.52E-09	3.41E-08	1.99E-08	4.10E-09	2.40E-08
2046	624785.11	4265024.27	1.29E-07	4.42E-08	1.73E-07	1.07E-07	3.31E-08	1.41E-07	2.54E-08	8.47E-09	3.39E-08	1.98E-08	4.08E-09	2.39E-08
2047	624775.2	4265024.14	1.28E-07	4.39E-08	1.72E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.42E-09	3.37E-08	1.97E-08	4.05E-09	2.38E-08
2048	624765.29	4265024	1.27E-07	4.36E-08	1.71E-07	1.06E-07	3.27E-08	1.39E-07	2.51E-08	8.36E-09	3.35E-08	1.96E-08	4.03E-09	2.36E-08
2049	624755.39	4265023.86	1.26E-07	4.33E-08	1.69E-07	1.05E-07	3.24E-08	1.38E-07	2.49E-08	8.30E-09	3.33E-08	1.94E-08	4.00E-09	2.34E-08
2050	624745.48	4265023.72	1.25E-07	4.30E-08	1.68E-07	1.05E-07	3.22E-08	1.37E-07	2.48E-08	8.24E-09	3.30E-08	1.93E-08	3.97E-09	2.33E-08
2051	624735.57	4265023.59	1.24E-07	4.27E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.18E-09	3.27E-08	1.91E-08	3.94E-09	2.31E-08
2052	624725.66	4265023.45	1.23E-07	4.23E-08	1.65E-07	1.03E-07	3.17E-08	1.34E-07	2.44E-08	8.11E-09	3.25E-08	1.90E-08	3.90E-09	2.29E-08
2053	624715.75	4265023.31	1.22E-07	4.19E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.41E-08	8.03E-09	3.22E-08	1.88E-08	3.87E-09	2.27E-08
2054	624705.84	4265023.17	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.96E-09	3.19E-08	1.86E-08	3.83E-09	2.25E-08
2055	624695.93	4265023.04	1.20E-07	4.11E-08	1.61E-07	1.00E-07	3.08E-08	1.31E-07	2.37E-08	7.88E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
2056	624686.02	4265022.9	1.18E-07	4.07E-08	1.59E-07	9.90E-08	3.05E-08	1.29E-07	2.34E-08	7.80E-09	3.12E-08	1.83E-08	3.76E-09	2.20E-08
2057	624676.12	4265022.76	1.17E-07	4.03E-08	1.57E-07	9.79E-08	3.02E-08	1.28E-07	2.32E-08	7.72E-09	3.09E-08	1.81E-08	3.72E-09	2.18E-08
2058	624666.21	4265022.62	1.16E-07	3.99E-08	1.56E-07	9.69E-08	2.98E-08	1.27E-07	2.29E-08	7.64E-09	3.06E-08	1.79E-08	3.68E-09	2.16E-08
2059	624656.3	4265022.49	1.15E-07	3.94E-08	1.54E-07	9.58E-08	2.95E-08	1.25E-07	2.27E-08	7.55E-09	3.02E-08	1.77E-08	3.64E-09	2.13E-08
2060	624646.39	4265022.35	1.13E-07	3.90E-08	1.52E-07	9.47E-08	2.92E-08	1.24E-07	2.24E-08	7.47E-09	2.99E-08	1.75E-08	3.60E-09	2.11E-08
2061	624636.48	4265022.21	1.12E-07	3.85E-08	1.51E-07	9.37E-08	2.89E-08	1.23E-07	2.22E-08	7.38E-09	2.96E-08	1.73E-08	3.56E-09	2.08E-08
2062	624626.57	4265022.07	1.11E-07	3.81E-08	1.49E-07	9.26E-08	2.85E-08	1.21E-07	2.19E-08	7.30E-09	2.92E-08	1.71E-08	3.52E-09	2.06E-08
2063	624616.66	4265021.94	1.10E-07	3.77E-08	1.47E-07	9.16E-08	2.82E-08	1.20E-07	2.17E-08	7.22E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
2064	624606.75	4265021.8	1.08E-07	3.72E-08	1.46E-07	9.05E-08	2.79E-08	1.18E-07	2.14E-08	7.13E-09	2.86E-08	1.67E-08	3.44E-09	2.01E-08
2065	624596.84	4265021.66	1.07E-07	3.68E-08	1.44E-07	8.95E-08	2.76E-08	1.17E-07	2.12E-08	7.05E-09	2.82E-08	1.65E-08	3.40E-09	1.99E-08
2066	624586.94	4265021.53	1.06E-07	3.64E-08	1.42E-07	8.85E-08	2.73E-08	1.16E-07	2.10E-08	6.98E-09	2.79E-08	1.63E-08	3.36E-09	1.97E-08
2067	624577.03	4265021.39	1.05E-07	3.61E-08	1.41E-07	8.76E-08	2.70E-08	1.15E-07	2.08E-08	6.91E-09	2.77E-08	1.62E-08	3.33E-09	1.95E-08
2068	624567.12	4265021.25	1.04E-07	3.57E-08	1.40E-07	8.68E-08	2.67E-08	1.14E-07	2.06E-08	6.84E-09	2.74E-08	1.60E-08	3.29E-09	1.93E-08
2069	624557.21	4265021.11	1.03E-07	3.54E-08	1.38E-07	8.60E-08	2.65E-08	1.12E-07	2.04E-08	6.78E-09	2.71E-08	1.59E-08	3.26E-09	1.91E-08
2070	624547.3	4265020.98	1.02E-07	3.50E-08	1.37E-07	8.52E-08	2.62E-08	1.11E-07	2.02E-08	6.71E-09	2.69E-08	1.57E-08	3.23E-09	1.90E-08
2071	624537.39	4265020.84	1.01E-07	3.47E-08	1.36E-07	8.44E-08	2.60E-08	1.10E-07	2.00E-08	6.65E-09	2.66E-08	1.56E-08	3.20E-09	1.88E-08
2072	624527.48	4265020.7	1.00E-07	3.44E-08	1.35E-07	8.37E-08	2.58E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.18E-09	1.86E-08
2073	624517.57	4265020.56	9.92E-08	3.41E-08	1.33E-07	8.29E-08	2.55E-08	1.08E-07	1.96E-08	6.54E-09	2.62E-08	1.53E-08	3.15E-09	1.85E-08
2074	624507.67	4265020.43	9.84E-08	3.38E-08	1.32E-07	8.22E-08	2.53E-08	1.08E-07	1.95E-08	6.48E-09	2.59E-08	1.52E-08	3.12E-09	1.83E-08
2075	624497.76	4265020.29	9.75E-08	3.35E-08	1.31E-07	8.15E-08	2.51E-08	1.07E-07	1.93E-08	6.42E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
2076	624487.85	4265020.15	9.66E-08	3.32E-08	1.30E-07	8.08E-08	2.49E-08	1.06E-07	1.91E-08	6.37E-09	2.55E-08	1.49E-08	3.07E-09	1.80E-08
2077	624477.94	4265020.01	9.57E-08	3.29E-08	1.29E-07	8.00E-08	2.47E-08	1.05E-07	1.90E-08	6.31E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
2078	624468.03	4265019.88	9.49E-08	3.26E-08	1.27E-07	7.93E-08	2.44E-08	1.04E-07	1.88E-08	6.25E-09	2.50E-08	1.46E-08	3.01E-09	1.76E-08
2079	624458.12	4265019.74	9.40E-08	3.23E-08	1.26E-07	7.85E-08	2.42E-08	1.03E-07	1.86E-08	6.19E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
2080	624448.21	4265019.6	9.31E-08	3.20E-08	1.25E-07	7.78E-08	2.40E-08	1.02E-07	1.84E-08	6.13E-09	2.46E-08	1.44E-08	2.95E-09	1.73E-08
2081	624438.3	4265019.46	9.21E-08	3.17E-08	1.24E-07	7.70E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
2082	624428.4	4265019.33	9.12E-08	3.14E-08	1.23E-07	7.62E-08	2.35E-08	9.97E-08	1.81E-08	6.01E-09	2.41E-08	1.41E-08	2.89E-09	1.70E-08
2083	624418.49	4265019.19	9.03E-08	3.10E-08	1.21E-07	7.55E-08	2.32E-08	9.87E-08	1.79E-08	5.95E-09	2.38E-08	1.39E-08	2.86E-09	1.68E-08
2084	624408.58	4265019.05	8.93E-08	3.07E-08	1.20E-07	7.47E-08	2.30E-08	9.77E-08	1.77E-08	5.89E-09	2.36E-08	1.38E-08	2.84E-09	1.66E-08

2085	624398.67	4265018.91	8.84E-08	3.04E-08	1.19E-07	7.39E-08	2.28E-08	9.66E-08	1.75E-08	5.82E-09	2.33E-08	1.36E-08	2.81E-09	1.64E-08
2086	624388.76	4265018.78	8.74E-08	3.01E-08	1.18E-07	7.31E-08	2.25E-08	9.56E-08	1.73E-08	5.76E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
2087	624378.85	4265018.64	8.65E-08	2.97E-08	1.16E-07	7.23E-08	2.23E-08	9.46E-08	1.71E-08	5.70E-09	2.28E-08	1.33E-08	2.75E-09	1.61E-08
2088	624368.94	4265018.5	8.56E-08	2.94E-08	1.15E-07	7.15E-08	2.20E-08	9.35E-08	1.69E-08	5.64E-09	2.26E-08	1.32E-08	2.72E-09	1.59E-08
2089	624874.03	4264979.24	1.22E-07	4.18E-08	1.63E-07	1.02E-07	3.13E-08	1.33E-07	2.41E-08	8.01E-09	3.21E-08	1.88E-08	3.86E-09	2.26E-08
2090	624882.99	4264983.11	1.23E-07	4.23E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.10E-09	3.24E-08	1.90E-08	3.90E-09	2.29E-08
2091	624891.95	4264986.97	1.24E-07	4.27E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.18E-09	3.28E-08	1.92E-08	3.94E-09	2.31E-08
2092	624900.91	4264990.83	1.25E-07	4.31E-08	1.69E-07	1.05E-07	3.23E-08	1.37E-07	2.48E-08	8.26E-09	3.31E-08	1.94E-08	3.98E-09	2.33E-08
2093	624909.87	4264994.7	1.27E-07	4.35E-08	1.70E-07	1.06E-07	3.26E-08	1.38E-07	2.51E-08	8.34E-09	3.34E-08	1.95E-08	4.02E-09	2.36E-08
2094	624918.83	4264998.56	1.28E-07	4.40E-08	1.72E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.42E-09	3.37E-08	1.97E-08	4.06E-09	2.38E-08
2095	624927.79	4265002.43	1.29E-07	4.43E-08	1.73E-07	1.08E-07	3.32E-08	1.41E-07	2.55E-08	8.50E-09	3.40E-08	1.99E-08	4.09E-09	2.40E-08
2096	624936.74	4265006.29	1.30E-07	4.47E-08	1.75E-07	1.09E-07	3.35E-08	1.42E-07	2.57E-08	8.57E-09	3.43E-08	2.01E-08	4.13E-09	2.42E-08
2097	624945.7	4265010.15	1.31E-07	4.51E-08	1.76E-07	1.10E-07	3.38E-08	1.43E-07	2.60E-08	8.64E-09	3.46E-08	2.02E-08	4.16E-09	2.44E-08
2098	624954.66	4265014.02	1.32E-07	4.55E-08	1.78E-07	1.10E-07	3.40E-08	1.45E-07	2.62E-08	8.71E-09	3.49E-08	2.04E-08	4.20E-09	2.46E-08
2099	624963.62	4265017.88	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.77E-09	3.51E-08	2.05E-08	4.22E-09	2.48E-08
2100	624972.58	4265021.75	1.34E-07	4.61E-08	1.80E-07	1.12E-07	3.45E-08	1.47E-07	2.65E-08	8.83E-09	3.54E-08	2.07E-08	4.25E-09	2.49E-08
2101	624981.54	4265025.61	1.35E-07	4.64E-08	1.81E-07	1.13E-07	3.47E-08	1.47E-07	2.67E-08	8.88E-09	3.56E-08	2.08E-08	4.28E-09	2.51E-08
2102	624990.49	4265029.47	1.36E-07	4.66E-08	1.82E-07	1.13E-07	3.49E-08	1.48E-07	2.68E-08	8.93E-09	3.58E-08	2.09E-08	4.30E-09	2.52E-08
2103	624999.45	4265033.34	1.36E-07	4.68E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.98E-09	3.59E-08	2.10E-08	4.32E-09	2.53E-08
2104	625008.41	4265037.2	1.37E-07	4.70E-08	1.84E-07	1.14E-07	3.52E-08	1.50E-07	2.71E-08	9.01E-09	3.61E-08	2.11E-08	4.34E-09	2.55E-08
2105	625017.37	4265041.07	1.37E-07	4.72E-08	1.85E-07	1.15E-07	3.53E-08	1.50E-07	2.72E-08	9.05E-09	3.62E-08	2.12E-08	4.36E-09	2.55E-08
2106	625026.33	4265044.93	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.07E-09	3.63E-08	2.12E-08	4.37E-09	2.56E-08
2107	625035.29	4265048.79	1.38E-07	4.75E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.09E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
2108	625044.25	4265052.66	1.38E-07	4.75E-08	1.86E-07	1.15E-07	3.56E-08	1.51E-07	2.74E-08	9.10E-09	3.65E-08	2.13E-08	4.39E-09	2.57E-08
2109	625053.2	4265056.52	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.11E-09	3.65E-08	2.13E-08	4.39E-09	2.57E-08
2110	625062.16	4265060.39	1.38E-07	4.75E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.11E-09	3.65E-08	2.13E-08	4.39E-09	2.57E-08
2111	625071.12	4265064.25	1.38E-07	4.75E-08	1.86E-07	1.15E-07	3.56E-08	1.51E-07	2.73E-08	9.10E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
2112	625080.08	4265068.11	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.09E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
2113	625089.04	4265071.98	1.38E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.06E-09	3.63E-08	2.12E-08	4.36E-09	2.56E-08
2114	625098	4265075.84	1.37E-07	4.71E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.03E-09	3.62E-08	2.11E-08	4.35E-09	2.55E-08
2115	625106.96	4265079.71	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.99E-09	3.60E-08	2.11E-08	4.33E-09	2.54E-08
2116	625115.91	4265083.57	1.36E-07	4.67E-08	1.82E-07	1.14E-07	3.50E-08	1.48E-07	2.69E-08	8.95E-09	3.58E-08	2.10E-08	4.31E-09	2.53E-08
2117	625124.87	4265087.43	1.35E-07	4.64E-08	1.81E-07	1.13E-07	3.48E-08	1.48E-07	2.67E-08	8.90E-09	3.56E-08	2.08E-08	4.29E-09	2.51E-08
2118	625133.83	4265091.3	1.34E-07	4.61E-08	1.80E-07	1.12E-07	3.45E-08	1.47E-07	2.66E-08	8.84E-09	3.54E-08	2.07E-08	4.26E-09	2.50E-08
2119	625142.79	4265095.16	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.77E-09	3.51E-08	2.05E-08	4.23E-09	2.48E-08
2120	625151.75	4265099.03	1.32E-07	4.54E-08	1.78E-07	1.10E-07	3.40E-08	1.44E-07	2.61E-08	8.70E-09	3.49E-08	2.04E-08	4.19E-09	2.46E-08
2121	625160.71	4265102.89	1.31E-07	4.50E-08	1.76E-07	1.09E-07	3.37E-08	1.43E-07	2.59E-08	8.63E-09	3.45E-08	2.02E-08	4.16E-09	2.44E-08
2122	625169.66	4265106.75	1.30E-07	4.46E-08	1.74E-07	1.08E-07	3.34E-08	1.42E-07	2.57E-08	8.55E-09	3.42E-08	2.00E-08	4.12E-09	2.41E-08
2123	625178.62	4265110.62	1.28E-07	4.42E-08	1.73E-07	1.07E-07	3.31E-08	1.40E-07	2.54E-08	8.46E-09	3.39E-08	1.98E-08	4.08E-09	2.39E-08
2124	625187.58	4265114.48	1.27E-07	4.37E-08	1.71E-07	1.06E-07	3.27E-08	1.39E-07	2.51E-08	8.37E-09	3.35E-08	1.96E-08	4.03E-09	2.36E-08
2125	625196.54	4265118.35	1.26E-07	4.32E-08	1.69E-07	1.05E-07	3.23E-08	1.37E-07	2.49E-08	8.28E-09	3.31E-08	1.94E-08	3.99E-09	2.34E-08
2126	625205.5	4265122.21	1.24E-07	4.27E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.18E-09	3.27E-08	1.92E-08	3.94E-09	2.31E-08
2127	625214.46	4265126.07	1.23E-07	4.22E-08	1.65E-07	1.02E-07	3.16E-08	1.34E-07	2.43E-08	8.08E-09	3.23E-08	1.89E-08	3.89E-09	2.28E-08
2128	625223.42	4265129.94	1.21E-07	4.16E-08	1.63E-07	1.01E-07	3.12E-08	1.32E-07	2.40E-08	7.97E-09	3.19E-08	1.87E-08	3.84E-09	2.25E-08
2129	625232.37	4265133.8	1.19E-07	4.11E-08	1.61E-07	9.98E-08	3.08E-08	1.31E-07	2.36E-08	7.87E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
2130	625241.33	4265137.67	1.18E-07	4.05E-08	1.58E-07	9.85E-08	3.03E-08	1.29E-07	2.33E-08	7.76E-09	3.11E-08	1.82E-08	3.74E-09	2.19E-08
2131	625250.29	4265141.53	1.16E-07	3.99E-08	1.56E-07	9.71E-08	2.99E-08	1.27E-07	2.30E-08	7.65E-09	3.06E-08	1.79E-08	3.69E-09	2.16E-08
2132	625259.25	4265145.39	1.15E-07	3.94E-08	1.54E-07	9.57E-08	2.95E-08	1.25E-07	2.27E-08	7.54E-09	3.02E-08	1.77E-08	3.63E-09	2.13E-08
2133	625268.21	4265149.26	1.13E-07	3.88E-08	1.52E-07	9.43E-08	2.91E-08	1.23E-07	2.23E-08	7.44E-09	2.98E-08	1.74E-08	3.58E-09	2.10E-08
2134	625277.17	4265153.12	1.11E-07	3.82E-08	1.49E-07	9.29E-08	2.86E-08	1.22E-07	2.20E-08	7.33E-09	2.93E-08	1.72E-08	3.53E-09	2.07E-08
2135	625286.13	4265156.99	1.10E-07	3.77E-08	1.47E-07	9.16E-08	2.82E-08	1.20E-07	2.17E-08	7.22E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
2136	625295.08	4265160.85	1.08E-07	3.71E-08	1.45E-07	9.02E-08	2.78E-08	1.18E-07	2.14E-08	7.11E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08
2137	625304.04	4265164.71	1.06E-07	3.66E-08	1.43E-07	8.89E-08	2.74E-08	1.16E-07	2.10E-08	7.01E-09	2.81E-08	1.64E-08	3.37E-09	1.98E-08
2138	625313	4265168.58	1.05E-07	3.60E-08	1.41E-07	8.76E-08	2.70E-08	1.15E-07	2.07E-08	6.90E-09	2.76E-08	1.62E-08	3.32E-09	1.95E-08
2139	625321.96	4265172.44	1.03E-07	3.55E-08	1.39E-07	8.62E-08	2.66E-08	1.13E-07	2.04E-08	6.80E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
2140	625330.92	4265176.31	1.02E-07	3.50E-08	1.37E-07	8.50E-08	2.62E-08	1.11E-07	2.01E-08	6.70E-09	2.68E-08	1.57E-08	3.23E-09	1.89E-08
2141	625339.88	4265180.17	1.00E-07	3.44E-08	1.35E-07	8.37E-08	2.58E-08	1.09E-07	1.98E-08	6.60E-09	2.64E-08	1.55E-08	3.18E-09	1.86E-08
2142	625348.83	4265184.03	9.87E-08	3.39E-08	1.33E-07	8.25E-08	2.54E-08	1.08E-07	1.95E-08	6.50E-09	2.60E-08	1.52E-08	3.13E-09	1.84E-08
2143	625361.38	4265196.97	9.71E-08	3.34E-08	1.30E-07	8.12E-08	2.50E-08	1.06E-07	1.92E-08	6.40E-09	2.56E-08	1.50E-08	3.08E-09	1.81E-08
2144	625364.97	4265206.04	9.69E-08	3.33E-08	1.30E-07	8.10E-08	2.50E-08	1.06E-07	1.92E-08	6.39E-09	2.56E-08	1.50E-08	3.08E-09	1.80E-08
2145	625368.57	4265215.11	9.68E-08	3.33E-08	1.30E-07	8.09E-08	2.49E-08	1.06E-07	1.92E-08	6.37E-09	2.55E-08	1.49E-08	3.07E-09	1.80E-08
2146	625372.16	4265224.18	9.66E-08	3.32E-08	1.30E-07	8.07E-08	2.49E-08	1.06E-07	1.91E-08	6.36E-09	2.55E-08	1.49E-08	3.07E-09	1.80E-08
2147	625375.75	4265233.26	9.64E-08	3.32E-08	1.30E-07	8.06E-08	2.48E-08	1.05E-07	1.91E-08	6.35E-09	2.54E-08	1.49E-08	3.06E-09	1.79E-08
2148	625379.34	4265242.33	9.62E-08	3.31E-08	1.29E-07	8.04E-08	2.48E-08	1.05E-07	1.90E-08	6.34E-09	2.54E-08	1.48E-08	3.05E-09	1.79E-08
2149	625382.93	4265251.4	9.60E-08	3.30E-08	1.29E-07	8.03E-08	2.47E-08	1.05E-07	1.90E-08	6.33E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
2150	625386.52	4265260.47	9.58E-08	3.30E-08	1.29E-07	8.01E-08	2.47E-08	1.05E-07	1.90E-08	6.31E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
2151	625390.11	4265269.54	9.56E-08	3.29E-08	1.29E-07	7.99E-08	2.46E-08	1.05E-07	1.89E-08	6.30E-09	2.52E-08	1.48E-08	3.04E-09	1.78E-08
2152	625393.7	4265278.61	9.54E-08	3.28E-08	1.28E-07	7.98E-08	2.46E-08	1.04E-07	1.89E-08	6.29E-09	2.52E-08	1.47E-08	3.03E-09	1.78E-08
2153	625397.29	4265287.68	9.52E-08	3.27E-08	1.28E-07	7.96E-08	2.45E-08	1.04E-07	1.88E-08	6.27E-09	2.51E-08	1.47E-08	3.02E-09	1.77E-08
2154	625400.88	4265296.76	9.50E-08	3.27E-08	1.28E-07	7.94E-08	2.45E-08	1.04E-07	1.88E-08	6.26E-09	2.51E-08	1.47E-08	3.01E-09	1.77E-08
2155	625404.47	4265305.83	9.47E-08	3.26E-08	1.27E-07	7.92E-08	2.44E-08	1.04E-07	1.88E-08	6.24E-09	2.50E-08	1.46E-08	3.01E-09	1.76E-08
2156	625408.06	4265314.9	9.45E-08	3.25E-08	1.27E-07	7.90E-08	2.43E-08	1.03E-07	1.87E-08	6.22E-09	2.49E-08	1.46E-08	3.00E-09	1.76E-08

2157	625411.65	4265323.97	9.42E-08	3.24E-08	1.27E-07	7.87E-08	2.43E-08	1.03E-07	1.86E-08	6.21E-09	2.49E-08	1.45E-08	2.99E-09	1.75E-08
2158	625415.24	4265333.04	9.39E-08	3.23E-08	1.26E-07	7.85E-08	2.42E-08	1.03E-07	1.86E-08	6.19E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
2159	625418.83	4265342.11	9.36E-08	3.22E-08	1.26E-07	7.83E-08	2.41E-08	1.02E-07	1.85E-08	6.17E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08
2160	625422.42	4265351.19	9.33E-08	3.21E-08	1.25E-07	7.80E-08	2.40E-08	1.02E-07	1.85E-08	6.15E-09	2.46E-08	1.44E-08	2.96E-09	1.74E-08
2161	625426.01	4265360.26	9.30E-08	3.20E-08	1.25E-07	7.77E-08	2.39E-08	1.02E-07	1.84E-08	6.13E-09	2.45E-08	1.43E-08	2.95E-09	1.73E-08
2162	625429.6	4265369.33	9.27E-08	3.19E-08	1.25E-07	7.75E-08	2.39E-08	1.01E-07	1.83E-08	6.11E-09	2.44E-08	1.43E-08	2.94E-09	1.72E-08
2163	625433.2	4265378.4	9.23E-08	3.17E-08	1.24E-07	7.72E-08	2.38E-08	1.01E-07	1.83E-08	6.08E-09	2.44E-08	1.42E-08	2.93E-09	1.72E-08
2164	625436.79	4265387.47	9.19E-08	3.16E-08	1.24E-07	7.68E-08	2.37E-08	1.00E-07	1.82E-08	6.06E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
2165	625440.38	4265396.54	9.15E-08	3.15E-08	1.23E-07	7.65E-08	2.36E-08	1.00E-07	1.81E-08	6.03E-09	2.41E-08	1.41E-08	2.90E-09	1.70E-08
2166	625443.97	4265405.61	9.11E-08	3.13E-08	1.22E-07	7.61E-08	2.34E-08	9.96E-08	1.80E-08	6.00E-09	2.40E-08	1.41E-08	2.89E-09	1.69E-08
2167	625447.56	4265414.69	9.06E-08	3.12E-08	1.22E-07	7.58E-08	2.33E-08	9.91E-08	1.79E-08	5.97E-09	2.39E-08	1.40E-08	2.88E-09	1.69E-08
2168	625451.15	4265423.76	9.02E-08	3.10E-08	1.21E-07	7.54E-08	2.32E-08	9.86E-08	1.78E-08	5.94E-09	2.38E-08	1.39E-08	2.86E-09	1.68E-08
2169	625454.74	4265432.83	8.97E-08	3.08E-08	1.21E-07	7.50E-08	2.31E-08	9.81E-08	1.78E-08	5.91E-09	2.37E-08	1.38E-08	2.85E-09	1.67E-08
2170	625458.33	4265441.9	8.92E-08	3.07E-08	1.20E-07	7.45E-08	2.30E-08	9.75E-08	1.77E-08	5.88E-09	2.35E-08	1.38E-08	2.83E-09	1.66E-08
2171	625461.92	4265450.97	8.87E-08	3.05E-08	1.19E-07	7.42E-08	2.28E-08	9.70E-08	1.76E-08	5.85E-09	2.34E-08	1.37E-08	2.82E-09	1.65E-08
2172	625465.51	4265460.04	8.82E-08	3.03E-08	1.19E-07	7.38E-08	2.27E-08	9.65E-08	1.75E-08	5.81E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
2173	625469.1	4265469.12	8.78E-08	3.02E-08	1.18E-07	7.34E-08	2.26E-08	9.59E-08	1.74E-08	5.78E-09	2.32E-08	1.35E-08	2.79E-09	1.63E-08
2174	625472.69	4265478.19	8.72E-08	3.00E-08	1.17E-07	7.29E-08	2.25E-08	9.54E-08	1.73E-08	5.75E-09	2.30E-08	1.35E-08	2.77E-09	1.62E-08
2175	625476.28	4265487.26	8.66E-08	2.98E-08	1.16E-07	7.24E-08	2.23E-08	9.47E-08	1.72E-08	5.71E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
2176	625479.87	4265496.33	8.60E-08	2.96E-08	1.16E-07	7.19E-08	2.22E-08	9.41E-08	1.70E-08	5.67E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
2177	625483.46	4265505.4	8.54E-08	2.94E-08	1.15E-07	7.14E-08	2.20E-08	9.34E-08	1.69E-08	5.63E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08
2178	625487.05	4265514.47	8.48E-08	2.92E-08	1.14E-07	7.09E-08	2.18E-08	9.27E-08	1.68E-08	5.59E-09	2.24E-08	1.31E-08	2.69E-09	1.58E-08
2179	625490.64	4265523.55	8.42E-08	2.89E-08	1.13E-07	7.03E-08	2.17E-08	9.20E-08	1.67E-08	5.55E-09	2.22E-08	1.30E-08	2.67E-09	1.57E-08
2180	625494.24	4265532.62	8.35E-08	2.87E-08	1.12E-07	6.98E-08	2.15E-08	9.13E-08	1.65E-08	5.50E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
2181	625497.83	4265541.69	8.28E-08	2.85E-08	1.11E-07	6.92E-08	2.13E-08	9.05E-08	1.64E-08	5.46E-09	2.18E-08	1.28E-08	2.63E-09	1.54E-08
2182	625501.42	4265550.76	8.21E-08	2.82E-08	1.10E-07	6.86E-08	2.11E-08	8.98E-08	1.63E-08	5.41E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2183	625505.01	4265559.83	8.14E-08	2.80E-08	1.09E-07	6.80E-08	2.10E-08	8.90E-08	1.61E-08	5.36E-09	2.15E-08	1.26E-08	2.58E-09	1.51E-08
2184	625508.6	4265568.9	8.06E-08	2.77E-08	1.08E-07	6.74E-08	2.08E-08	8.82E-08	1.60E-08	5.31E-09	2.13E-08	1.24E-08	2.56E-09	1.50E-08
2185	625512.19	4265577.97	7.99E-08	2.75E-08	1.07E-07	6.68E-08	2.06E-08	8.73E-08	1.58E-08	5.26E-09	2.11E-08	1.23E-08	2.53E-09	1.49E-08
2186	625515.78	4265587.05	7.91E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.65E-08	1.57E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
2187	625519.37	4265596.12	7.83E-08	2.69E-08	1.05E-07	6.55E-08	2.02E-08	8.56E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
2188	625522.96	4265605.19	7.76E-08	2.67E-08	1.04E-07	6.48E-08	2.00E-08	8.48E-08	1.54E-08	5.11E-09	2.05E-08	1.20E-08	2.46E-09	1.44E-08
2189	625526.55	4265614.26	7.68E-08	2.64E-08	1.03E-07	6.42E-08	1.98E-08	8.40E-08	1.52E-08	5.06E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
2190	625530.14	4265623.33	7.60E-08	2.61E-08	1.02E-07	6.36E-08	1.96E-08	8.31E-08	1.51E-08	5.01E-09	2.01E-08	1.17E-08	2.41E-09	1.41E-08
2191	625533.73	4265632.4	7.52E-08	2.59E-08	1.01E-07	6.28E-08	1.94E-08	8.22E-08	1.49E-08	4.95E-09	1.98E-08	1.16E-08	2.39E-09	1.40E-08
2192	625537.32	4265641.48	7.43E-08	2.55E-08	9.98E-08	6.21E-08	1.91E-08	8.12E-08	1.47E-08	4.90E-09	1.96E-08	1.15E-08	2.36E-09	1.38E-08
2193	625540.91	4265650.55	7.34E-08	2.52E-08	9.86E-08	6.13E-08	1.89E-08	8.02E-08	1.45E-08	4.84E-09	1.94E-08	1.13E-08	2.33E-09	1.37E-08
2194	625544.5	4265659.62	7.25E-08	2.49E-08	9.74E-08	6.06E-08	1.87E-08	7.92E-08	1.43E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
2195	625548.09	4265668.69	7.16E-08	2.46E-08	9.62E-08	5.98E-08	1.84E-08	7.82E-08	1.42E-08	4.72E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
2196	625551.68	4265677.76	7.06E-08	2.43E-08	9.49E-08	5.90E-08	1.82E-08	7.72E-08	1.40E-08	4.65E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
2197	624865.08	4264975.38	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.93E-09	3.17E-08	1.86E-08	3.82E-09	2.24E-08
2198	624855.17	4264975.24	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.37E-08	7.90E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
2199	624845.26	4264975.1	1.19E-07	4.10E-08	1.60E-07	9.97E-08	3.07E-08	1.30E-07	2.36E-08	7.86E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
2200	624835.35	4264974.97	1.19E-07	4.08E-08	1.60E-07	9.93E-08	3.06E-08	1.30E-07	2.35E-08	7.83E-09	3.13E-08	1.83E-08	3.77E-09	2.21E-08
2201	624825.44	4264974.83	1.18E-07	4.07E-08	1.59E-07	9.88E-08	3.04E-08	1.29E-07	2.34E-08	7.79E-09	3.12E-08	1.82E-08	3.75E-09	2.20E-08
2202	624815.53	4264974.69	1.18E-07	4.04E-08	1.58E-07	9.83E-08	3.03E-08	1.29E-07	2.33E-08	7.75E-09	3.10E-08	1.81E-08	3.73E-09	2.19E-08
2203	624805.62	4264974.55	1.17E-07	4.02E-08	1.57E-07	9.78E-08	3.01E-08	1.28E-07	2.32E-08	7.71E-09	3.09E-08	1.81E-08	3.71E-09	2.18E-08
2204	624795.71	4264974.42	1.16E-07	4.00E-08	1.56E-07	9.73E-08	3.00E-08	1.27E-07	2.30E-08	7.67E-09	3.07E-08	1.80E-08	3.69E-09	2.16E-08
2205	624785.81	4264974.28	1.16E-07	3.98E-08	1.56E-07	9.67E-08	2.98E-08	1.27E-07	2.29E-08	7.62E-09	3.05E-08	1.79E-08	3.67E-09	2.15E-08
2206	624775.9	4264974.14	1.15E-07	3.96E-08	1.55E-07	9.62E-08	2.96E-08	1.26E-07	2.28E-08	7.58E-09	3.04E-08	1.78E-08	3.65E-09	2.14E-08
2207	624765.99	4264974	1.14E-07	3.93E-08	1.54E-07	9.56E-08	2.94E-08	1.25E-07	2.26E-08	7.53E-09	3.02E-08	1.76E-08	3.63E-09	2.13E-08
2208	624756.08	4264973.87	1.14E-07	3.91E-08	1.53E-07	9.50E-08	2.93E-08	1.24E-07	2.25E-08	7.49E-09	3.00E-08	1.75E-08	3.61E-09	2.11E-08
2209	624746.17	4264973.73	1.13E-07	3.88E-08	1.52E-07	9.43E-08	2.91E-08	1.23E-07	2.23E-08	7.44E-09	2.98E-08	1.74E-08	3.58E-09	2.10E-08
2210	624736.26	4264973.59	1.12E-07	3.85E-08	1.51E-07	9.36E-08	2.88E-08	1.22E-07	2.22E-08	7.38E-09	2.96E-08	1.73E-08	3.55E-09	2.08E-08
2211	624726.35	4264973.45	1.11E-07	3.82E-08	1.49E-07	9.29E-08	2.86E-08	1.22E-07	2.20E-08	7.32E-09	2.93E-08	1.71E-08	3.53E-09	2.07E-08
2212	624716.44	4264973.32	1.10E-07	3.79E-08	1.48E-07	9.21E-08	2.84E-08	1.21E-07	2.18E-08	7.26E-09	2.91E-08	1.70E-08	3.50E-09	2.05E-08
2213	624706.53	4264973.18	1.09E-07	3.76E-08	1.47E-07	9.14E-08	2.81E-08	1.19E-07	2.16E-08	7.20E-09	2.88E-08	1.69E-08	3.47E-09	2.03E-08
2214	624696.63	4264973.04	1.08E-07	3.73E-08	1.46E-07	9.06E-08	2.79E-08	1.18E-07	2.14E-08	7.14E-09	2.86E-08	1.67E-08	3.44E-09	2.02E-08
2215	624686.72	4264972.9	1.07E-07	3.69E-08	1.44E-07	8.98E-08	2.76E-08	1.17E-07	2.13E-08	7.08E-09	2.83E-08	1.66E-08	3.41E-09	2.00E-08
2216	624676.81	4264972.77	1.06E-07	3.66E-08	1.43E-07	8.89E-08	2.74E-08	1.16E-07	2.11E-08	7.01E-09	2.81E-08	1.64E-08	3.38E-09	1.98E-08
2217	624666.9	4264972.63	1.05E-07	3.62E-08	1.42E-07	8.81E-08	2.71E-08	1.15E-07	2.09E-08	6.94E-09	2.78E-08	1.63E-08	3.34E-09	1.96E-08
2218	624656.99	4264972.49	1.04E-07	3.59E-08	1.40E-07	8.72E-08	2.69E-08	1.14E-07	2.06E-08	6.87E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
2219	624647.08	4264972.35	1.03E-07	3.55E-08	1.39E-07	8.63E-08	2.66E-08	1.13E-07	2.04E-08	6.80E-09	2.72E-08	1.59E-08	3.28E-09	1.92E-08
2220	624637.17	4264972.22	1.02E-07	3.51E-08	1.37E-07	8.54E-08	2.63E-08	1.12E-07	2.02E-08	6.73E-09	2.70E-08	1.58E-08	3.24E-09	1.90E-08
2221	624627.26	4264972.08	1.01E-07	3.48E-08	1.36E-07	8.46E-08	2.60E-08	1.11E-07	2.00E-08	6.66E-09	2.67E-08	1.56E-08	3.21E-09	1.88E-08
2222	624617.36	4264971.94	1.00E-07	3.44E-08	1.34E-07	8.37E-08	2.58E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.18E-09	1.86E-08
2223	624607.45	4264971.8	9.90E-08	3.40E-08	1.33E-07	8.27E-08	2.55E-08	1.08E-07	1.96E-08	6.52E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
2224	624597.54	4264971.67	9.80E-08	3.37E-08	1.32E-07	8.19E-08	2.52E-08	1.07E-07	1.94E-08	6.45E-09	2.58E-08	1.51E-08	3.11E-09	1.82E-08
2225	624587.63	4264971.53	9.70E-08	3.33E-08	1.30E-07	8.10E-08	2.50E-08	1.06E-07	1.92E-08	6.39E-09	2.56E-08	1.50E-08	3.08E-09	1.80E-08
2226	624577.72	4264971.39	9.60E-08	3.30E-08	1.29E-07	8.03E-08	2.47E-08	1.05E-07	1.90E-08	6.33E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
2227	624567.81	4264971.26	9.51E-08	3.27E-08	1.28E-07	7.95E-08	2.45E-08	1.04E-07	1.88E-08	6.27E-09	2.51E-08	1.47E-08	3.02E-09	1.77E-08
2228	624557.9	4264971.12	9.42E-08	3.24E-08	1.27E-07	7.88E-08	2.43E-08	1.03E-07	1.87E-08	6.21E-09	2.49E-08	1.45E-08	2.99E-09	1.75E-08

2229	624547.99	4264970.98	9.34E-08	3.21E-08	1.25E-07	7.80E-08	2.40E-08	1.02E-07	1.85E-08	6.15E-09	2.46E-08	1.44E-08	2.96E-09	1.74E-08
2230	624538.09	4264970.84	9.25E-08	3.18E-08	1.24E-07	7.74E-08	2.38E-08	1.01E-07	1.83E-08	6.10E-09	2.44E-08	1.43E-08	2.94E-09	1.72E-08
2231	624528.18	4264970.71	9.17E-08	3.15E-08	1.23E-07	7.67E-08	2.36E-08	1.00E-07	1.82E-08	6.04E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
2232	624518.27	4264970.57	9.09E-08	3.13E-08	1.22E-07	7.60E-08	2.34E-08	9.94E-08	1.80E-08	5.99E-09	2.40E-08	1.40E-08	2.89E-09	1.69E-08
2233	624508.36	4264970.43	9.02E-08	3.10E-08	1.21E-07	7.54E-08	2.32E-08	9.86E-08	1.78E-08	5.94E-09	2.38E-08	1.39E-08	2.86E-09	1.68E-08
2234	624498.45	4264970.29	8.94E-08	3.07E-08	1.20E-07	7.47E-08	2.30E-08	9.77E-08	1.77E-08	5.89E-09	2.36E-08	1.38E-08	2.84E-09	1.66E-08
2235	624488.54	4264970.16	8.86E-08	3.05E-08	1.19E-07	7.41E-08	2.28E-08	9.69E-08	1.75E-08	5.84E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
2236	624478.63	4264970.02	8.78E-08	3.02E-08	1.18E-07	7.34E-08	2.26E-08	9.60E-08	1.74E-08	5.79E-09	2.32E-08	1.36E-08	2.79E-09	1.63E-08
2237	624468.72	4264969.88	8.70E-08	2.99E-08	1.17E-07	7.28E-08	2.24E-08	9.52E-08	1.72E-08	5.73E-09	2.30E-08	1.34E-08	2.76E-09	1.62E-08
2238	624458.81	4264969.74	8.62E-08	2.97E-08	1.16E-07	7.21E-08	2.22E-08	9.43E-08	1.71E-08	5.68E-09	2.28E-08	1.33E-08	2.74E-09	1.60E-08
2239	624448.91	4264969.61	8.55E-08	2.94E-08	1.15E-07	7.14E-08	2.20E-08	9.34E-08	1.69E-08	5.63E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08
2240	624439	4264969.47	8.46E-08	2.91E-08	1.14E-07	7.08E-08	2.18E-08	9.25E-08	1.68E-08	5.58E-09	2.23E-08	1.31E-08	2.69E-09	1.57E-08
2241	624429.09	4264969.33	8.38E-08	2.88E-08	1.13E-07	7.01E-08	2.16E-08	9.17E-08	1.66E-08	5.52E-09	2.21E-08	1.29E-08	2.66E-09	1.56E-08
2242	624419.18	4264969.19	8.30E-08	2.85E-08	1.12E-07	6.94E-08	2.14E-08	9.07E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
2243	624409.27	4264969.06	8.22E-08	2.83E-08	1.10E-07	6.87E-08	2.12E-08	8.99E-08	1.63E-08	5.41E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2244	624399.36	4264968.92	8.14E-08	2.80E-08	1.09E-07	6.80E-08	2.09E-08	8.89E-08	1.61E-08	5.36E-09	2.15E-08	1.26E-08	2.58E-09	1.51E-08
2245	624389.45	4264968.78	8.05E-08	2.77E-08	1.08E-07	6.73E-08	2.07E-08	8.80E-08	1.59E-08	5.31E-09	2.12E-08	1.24E-08	2.56E-09	1.50E-08
2246	624379.54	4264968.64	7.97E-08	2.74E-08	1.07E-07	6.66E-08	2.05E-08	8.71E-08	1.58E-08	5.25E-09	2.10E-08	1.23E-08	2.53E-09	1.48E-08
2247	624369.64	4264968.51	7.89E-08	2.71E-08	1.06E-07	6.59E-08	2.03E-08	8.62E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
2248	624875.54	4264879.3	1.00E-07	3.45E-08	1.35E-07	8.39E-08	2.58E-08	1.10E-07	1.99E-08	6.61E-09	2.65E-08	1.55E-08	3.18E-09	1.87E-08
2249	624884.63	4264883.22	1.01E-07	3.49E-08	1.36E-07	8.48E-08	2.61E-08	1.11E-07	2.01E-08	6.68E-09	2.68E-08	1.57E-08	3.22E-09	1.89E-08
2250	624893.71	4264887.14	1.03E-07	3.53E-08	1.38E-07	8.57E-08	2.64E-08	1.12E-07	2.03E-08	6.76E-09	2.71E-08	1.58E-08	3.26E-09	1.91E-08
2251	624902.79	4264891.06	1.04E-07	3.56E-08	1.39E-07	8.66E-08	2.67E-08	1.13E-07	2.05E-08	6.83E-09	2.73E-08	1.60E-08	3.29E-09	1.93E-08
2252	624911.87	4264894.97	1.05E-07	3.60E-08	1.41E-07	8.75E-08	2.70E-08	1.15E-07	2.07E-08	6.90E-09	2.76E-08	1.62E-08	3.32E-09	1.95E-08
2253	624920.96	4264898.89	1.06E-07	3.64E-08	1.42E-07	8.85E-08	2.72E-08	1.16E-07	2.09E-08	6.97E-09	2.79E-08	1.63E-08	3.36E-09	1.97E-08
2254	624930.04	4264902.81	1.07E-07	3.68E-08	1.44E-07	8.94E-08	2.75E-08	1.17E-07	2.12E-08	7.04E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
2255	624939.12	4264906.73	1.08E-07	3.71E-08	1.45E-07	9.02E-08	2.78E-08	1.18E-07	2.14E-08	7.11E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08
2256	624948.2	4264910.64	1.09E-07	3.75E-08	1.46E-07	9.11E-08	2.81E-08	1.19E-07	2.16E-08	7.18E-09	2.88E-08	1.68E-08	3.46E-09	2.03E-08
2257	624957.29	4264914.56	1.10E-07	3.78E-08	1.48E-07	9.19E-08	2.83E-08	1.20E-07	2.18E-08	7.25E-09	2.90E-08	1.70E-08	3.49E-09	2.05E-08
2258	624966.37	4264918.48	1.11E-07	3.82E-08	1.49E-07	9.28E-08	2.86E-08	1.21E-07	2.20E-08	7.31E-09	2.93E-08	1.71E-08	3.52E-09	2.07E-08
2259	624975.45	4264922.4	1.12E-07	3.85E-08	1.50E-07	9.36E-08	2.88E-08	1.22E-07	2.22E-08	7.38E-09	2.95E-08	1.73E-08	3.55E-09	2.08E-08
2260	624984.53	4264926.31	1.13E-07	3.88E-08	1.52E-07	9.44E-08	2.91E-08	1.23E-07	2.23E-08	7.44E-09	2.98E-08	1.74E-08	3.58E-09	2.10E-08
2261	624993.62	4264930.23	1.14E-07	3.91E-08	1.53E-07	9.51E-08	2.93E-08	1.24E-07	2.25E-08	7.50E-09	3.00E-08	1.76E-08	3.61E-09	2.12E-08
2262	625002.7	4264934.15	1.15E-07	3.94E-08	1.54E-07	9.58E-08	2.95E-08	1.25E-07	2.27E-08	7.55E-09	3.02E-08	1.77E-08	3.64E-09	2.13E-08
2263	625011.78	4264938.07	1.15E-07	3.97E-08	1.55E-07	9.65E-08	2.97E-08	1.26E-07	2.28E-08	7.60E-09	3.04E-08	1.78E-08	3.66E-09	2.15E-08
2264	625020.86	4264941.98	1.16E-07	3.99E-08	1.56E-07	9.71E-08	2.99E-08	1.27E-07	2.30E-08	7.65E-09	3.06E-08	1.79E-08	3.69E-09	2.16E-08
2265	625029.94	4264945.9	1.17E-07	4.02E-08	1.57E-07	9.76E-08	3.01E-08	1.28E-07	2.31E-08	7.70E-09	3.08E-08	1.80E-08	3.71E-09	2.17E-08
2266	625039.03	4264949.82	1.17E-07	4.04E-08	1.58E-07	9.82E-08	3.02E-08	1.28E-07	2.32E-08	7.74E-09	3.10E-08	1.81E-08	3.73E-09	2.18E-08
2267	625048.11	4264953.74	1.18E-07	4.06E-08	1.59E-07	9.86E-08	3.04E-08	1.29E-07	2.33E-08	7.77E-09	3.11E-08	1.82E-08	3.74E-09	2.19E-08
2268	625057.19	4264957.65	1.18E-07	4.07E-08	1.59E-07	9.90E-08	3.05E-08	1.29E-07	2.34E-08	7.80E-09	3.12E-08	1.83E-08	3.76E-09	2.20E-08
2269	625066.27	4264961.57	1.19E-07	4.08E-08	1.60E-07	9.93E-08	3.06E-08	1.30E-07	2.35E-08	7.83E-09	3.13E-08	1.83E-08	3.77E-09	2.21E-08
2270	625075.36	4264965.49	1.19E-07	4.09E-08	1.60E-07	9.95E-08	3.07E-08	1.30E-07	2.36E-08	7.84E-09	3.14E-08	1.84E-08	3.78E-09	2.21E-08
2271	625084.44	4264969.41	1.19E-07	4.10E-08	1.60E-07	9.97E-08	3.07E-08	1.30E-07	2.36E-08	7.86E-09	3.15E-08	1.84E-08	3.78E-09	2.22E-08
2272	625093.52	4264973.32	1.19E-07	4.10E-08	1.60E-07	9.97E-08	3.07E-08	1.30E-07	2.36E-08	7.86E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
2273	625102.6	4264977.24	1.19E-07	4.10E-08	1.60E-07	9.97E-08	3.07E-08	1.30E-07	2.36E-08	7.86E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
2274	625111.69	4264981.16	1.19E-07	4.10E-08	1.60E-07	9.96E-08	3.07E-08	1.30E-07	2.36E-08	7.85E-09	3.14E-08	1.84E-08	3.78E-09	2.22E-08
2275	625120.77	4264985.07	1.19E-07	4.09E-08	1.60E-07	9.95E-08	3.06E-08	1.30E-07	2.36E-08	7.84E-09	3.14E-08	1.84E-08	3.78E-09	2.21E-08
2276	625129.85	4264988.99	1.19E-07	4.08E-08	1.60E-07	9.92E-08	3.06E-08	1.30E-07	2.35E-08	7.82E-09	3.13E-08	1.83E-08	3.77E-09	2.21E-08
2277	625138.93	4264992.91	1.18E-07	4.07E-08	1.59E-07	9.89E-08	3.05E-08	1.29E-07	2.34E-08	7.80E-09	3.12E-08	1.83E-08	3.76E-09	2.20E-08
2278	625148.02	4264996.83	1.18E-07	4.05E-08	1.58E-07	9.85E-08	3.03E-08	1.29E-07	2.33E-08	7.77E-09	3.11E-08	1.82E-08	3.74E-09	2.19E-08
2279	625157.1	4265000.74	1.17E-07	4.03E-08	1.58E-07	9.81E-08	3.02E-08	1.28E-07	2.32E-08	7.73E-09	3.10E-08	1.81E-08	3.72E-09	2.18E-08
2280	625166.18	4265004.66	1.17E-07	4.01E-08	1.57E-07	9.75E-08	3.00E-08	1.28E-07	2.31E-08	7.69E-09	3.08E-08	1.80E-08	3.70E-09	2.17E-08
2281	625175.26	4265008.58	1.16E-07	3.99E-08	1.56E-07	9.70E-08	2.99E-08	1.27E-07	2.30E-08	7.64E-09	3.06E-08	1.79E-08	3.68E-09	2.16E-08
2282	625184.34	4265012.5	1.15E-07	3.96E-08	1.55E-07	9.63E-08	2.97E-08	1.26E-07	2.28E-08	7.59E-09	3.04E-08	1.78E-08	3.66E-09	2.14E-08
2283	625193.43	4265016.41	1.14E-07	3.93E-08	1.54E-07	9.56E-08	2.94E-08	1.25E-07	2.26E-08	7.53E-09	3.02E-08	1.76E-08	3.63E-09	2.13E-08
2284	625202.51	4265020.33	1.13E-07	3.90E-08	1.52E-07	9.48E-08	2.92E-08	1.24E-07	2.24E-08	7.47E-09	2.99E-08	1.75E-08	3.60E-09	2.11E-08
2285	625211.59	4265024.25	1.12E-07	3.87E-08	1.51E-07	9.40E-08	2.89E-08	1.23E-07	2.23E-08	7.41E-09	2.97E-08	1.73E-08	3.57E-09	2.09E-08
2286	625220.67	4265028.17	1.11E-07	3.83E-08	1.50E-07	9.31E-08	2.87E-08	1.22E-07	2.20E-08	7.34E-09	2.94E-08	1.72E-08	3.53E-09	2.07E-08
2287	625229.76	4265032.08	1.10E-07	3.79E-08	1.48E-07	9.22E-08	2.84E-08	1.21E-07	2.18E-08	7.26E-09	2.91E-08	1.70E-08	3.50E-09	2.05E-08
2288	625238.84	4265036	1.09E-07	3.75E-08	1.47E-07	9.12E-08	2.81E-08	1.19E-07	2.16E-08	7.19E-09	2.88E-08	1.68E-08	3.46E-09	2.03E-08
2289	625247.92	4265039.92	1.08E-07	3.71E-08	1.45E-07	9.02E-08	2.78E-08	1.18E-07	2.14E-08	7.11E-09	2.85E-08	1.66E-08	3.42E-09	2.01E-08
2290	625257	4265043.84	1.07E-07	3.67E-08	1.43E-07	8.92E-08	2.75E-08	1.17E-07	2.11E-08	7.03E-09	2.81E-08	1.65E-08	3.38E-09	1.98E-08
2291	625266.09	4265047.75	1.05E-07	3.62E-08	1.42E-07	8.81E-08	2.71E-08	1.15E-07	2.09E-08	6.94E-09	2.78E-08	1.63E-08	3.34E-09	1.96E-08
2292	625275.17	4265051.67	1.04E-07	3.58E-08	1.40E-07	8.70E-08	2.68E-08	1.14E-07	2.06E-08	6.86E-09	2.75E-08	1.61E-08	3.30E-09	1.94E-08
2293	625284.25	4265055.59	1.03E-07	3.53E-08	1.38E-07	8.59E-08	2.65E-08	1.12E-07	2.03E-08	6.77E-09	2.71E-08	1.59E-08	3.26E-09	1.91E-08
2294	625293.33	4265059.51	1.01E-07	3.49E-08	1.36E-07	8.48E-08	2.61E-08	1.11E-07	2.01E-08	6.68E-09	2.68E-08	1.56E-08	3.22E-09	1.89E-08
2295	625302.42	4265063.42	1.00E-07	3.44E-08	1.34E-07	8.36E-08	2.58E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.18E-09	1.86E-08
2296	625311.5	4265067.34	9.87E-08	3.39E-08	1.33E-07	8.25E-08	2.54E-08	1.08E-07	1.95E-08	6.50E-09	2.60E-08	1.52E-08	3.13E-09	1.84E-08
2297	625320.58	4265071.26	9.74E-08	3.35E-08	1.31E-07	8.14E-08	2.51E-08	1.06E-07	1.93E-08	6.42E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
2298	625329.66	4265075.18	9.60E-08	3.30E-08	1.29E-07	8.03E-08	2.47E-08	1.05E-07	1.90E-08	6.33E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
2299	625338.74	4265079.09	9.47E-08	3.26E-08	1.27E-07	7.91E-08	2.44E-08	1.04E-07	1.87E-08	6.24E-09	2.50E-08	1.46E-08	3.01E-09	1.76E-08
2300	625347.83	4265083.01	9.34E-08	3.21E-08	1.25E-07	7.80E-08	2.40E-08	1.02E-07	1.85E-08	6.15E-09	2.46E-08	1.44E-08	2.96E-09	1.74E-08

2301	625356.91	4265086.93	9.20E-08	3.16E-08	1.24E-07	7.69E-08	2.37E-08	1.01E-07	1.82E-08	6.06E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
2302	625365.99	4265090.85	9.07E-08	3.12E-08	1.22E-07	7.58E-08	2.33E-08	9.91E-08	1.79E-08	5.97E-09	2.39E-08	1.40E-08	2.88E-09	1.69E-08
2303	625375.07	4265094.76	8.94E-08	3.07E-08	1.20E-07	7.47E-08	2.30E-08	9.77E-08	1.77E-08	5.89E-09	2.36E-08	1.38E-08	2.84E-09	1.66E-08
2304	625384.16	4265098.68	8.81E-08	3.03E-08	1.18E-07	7.37E-08	2.27E-08	9.63E-08	1.74E-08	5.81E-09	2.32E-08	1.36E-08	2.80E-09	1.64E-08
2305	625393.24	4265102.6	8.69E-08	2.99E-08	1.17E-07	7.27E-08	2.24E-08	9.50E-08	1.72E-08	5.73E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
2306	625402.32	4265106.52	8.57E-08	2.95E-08	1.15E-07	7.17E-08	2.21E-08	9.37E-08	1.70E-08	5.65E-09	2.26E-08	1.32E-08	2.72E-09	1.60E-08
2307	625411.4	4265110.43	8.46E-08	2.91E-08	1.14E-07	7.07E-08	2.18E-08	9.25E-08	1.67E-08	5.57E-09	2.23E-08	1.31E-08	2.68E-09	1.57E-08
2308	625420.49	4265114.35	8.35E-08	2.87E-08	1.12E-07	6.98E-08	2.15E-08	9.13E-08	1.65E-08	5.50E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
2309	625433.21	4265127.46	8.23E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	9.00E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2310	625436.85	4265136.66	8.22E-08	2.82E-08	1.10E-07	6.87E-08	2.12E-08	8.98E-08	1.63E-08	5.41E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2311	625440.49	4265145.86	8.20E-08	2.82E-08	1.10E-07	6.86E-08	2.11E-08	8.97E-08	1.62E-08	5.40E-09	2.16E-08	1.27E-08	2.60E-09	1.53E-08
2312	625444.13	4265155.06	8.19E-08	2.82E-08	1.10E-07	6.85E-08	2.11E-08	8.96E-08	1.62E-08	5.40E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
2313	625447.77	4265164.25	8.18E-08	2.81E-08	1.10E-07	6.84E-08	2.11E-08	8.95E-08	1.62E-08	5.39E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
2314	625451.41	4265173.45	8.18E-08	2.81E-08	1.10E-07	6.83E-08	2.11E-08	8.94E-08	1.62E-08	5.39E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
2315	625455.05	4265182.65	8.17E-08	2.81E-08	1.10E-07	6.83E-08	2.10E-08	8.93E-08	1.62E-08	5.38E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
2316	625458.69	4265191.84	8.16E-08	2.80E-08	1.10E-07	6.82E-08	2.10E-08	8.92E-08	1.61E-08	5.37E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
2317	625462.33	4265201.04	8.15E-08	2.80E-08	1.09E-07	6.81E-08	2.10E-08	8.91E-08	1.61E-08	5.37E-09	2.15E-08	1.26E-08	2.58E-09	1.52E-08
2318	625465.97	4265210.24	8.13E-08	2.80E-08	1.09E-07	6.80E-08	2.09E-08	8.89E-08	1.61E-08	5.36E-09	2.15E-08	1.25E-08	2.58E-09	1.51E-08
2319	625469.61	4265219.43	8.12E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.88E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
2320	625473.25	4265228.63	8.11E-08	2.79E-08	1.09E-07	6.78E-08	2.09E-08	8.86E-08	1.60E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
2321	625476.89	4265237.83	8.09E-08	2.78E-08	1.09E-07	6.76E-08	2.08E-08	8.85E-08	1.60E-08	5.33E-09	2.13E-08	1.25E-08	2.57E-09	1.51E-08
2322	625480.53	4265247.02	8.08E-08	2.78E-08	1.09E-07	6.75E-08	2.08E-08	8.83E-08	1.60E-08	5.32E-09	2.13E-08	1.25E-08	2.56E-09	1.50E-08
2323	625484.17	4265256.22	8.06E-08	2.77E-08	1.08E-07	6.74E-08	2.07E-08	8.81E-08	1.60E-08	5.31E-09	2.13E-08	1.24E-08	2.56E-09	1.50E-08
2324	625487.81	4265265.42	8.04E-08	2.77E-08	1.08E-07	6.72E-08	2.07E-08	8.79E-08	1.59E-08	5.30E-09	2.12E-08	1.24E-08	2.55E-09	1.50E-08
2325	625491.45	4265274.62	8.02E-08	2.76E-08	1.08E-07	6.70E-08	2.07E-08	8.77E-08	1.59E-08	5.28E-09	2.12E-08	1.24E-08	2.55E-09	1.49E-08
2326	625495.09	4265283.81	8.00E-08	2.75E-08	1.08E-07	6.69E-08	2.06E-08	8.75E-08	1.58E-08	5.27E-09	2.11E-08	1.23E-08	2.54E-09	1.49E-08
2327	625498.73	4265293.01	7.98E-08	2.74E-08	1.07E-07	6.67E-08	2.05E-08	8.72E-08	1.58E-08	5.26E-09	2.11E-08	1.23E-08	2.53E-09	1.48E-08
2328	625502.37	4265302.21	7.96E-08	2.74E-08	1.07E-07	6.65E-08	2.05E-08	8.70E-08	1.57E-08	5.24E-09	2.10E-08	1.23E-08	2.53E-09	1.48E-08
2329	625506.01	4265311.4	7.93E-08	2.73E-08	1.07E-07	6.63E-08	2.04E-08	8.67E-08	1.57E-08	5.23E-09	2.09E-08	1.22E-08	2.52E-09	1.48E-08
2330	625509.65	4265320.6	7.91E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.64E-08	1.57E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
2331	625513.29	4265329.8	7.88E-08	2.71E-08	1.06E-07	6.59E-08	2.03E-08	8.61E-08	1.56E-08	5.19E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
2332	625516.93	4265338.99	7.85E-08	2.70E-08	1.06E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
2333	625520.57	4265348.19	7.82E-08	2.69E-08	1.05E-07	6.54E-08	2.01E-08	8.55E-08	1.55E-08	5.15E-09	2.06E-08	1.21E-08	2.48E-09	1.45E-08
2334	625524.21	4265357.39	7.79E-08	2.68E-08	1.05E-07	6.51E-08	2.01E-08	8.52E-08	1.54E-08	5.13E-09	2.06E-08	1.20E-08	2.47E-09	1.45E-08
2335	625527.85	4265366.59	7.76E-08	2.67E-08	1.04E-07	6.48E-08	2.00E-08	8.48E-08	1.54E-08	5.11E-09	2.05E-08	1.20E-08	2.46E-09	1.44E-08
2336	625531.49	4265375.78	7.72E-08	2.66E-08	1.04E-07	6.45E-08	1.99E-08	8.44E-08	1.53E-08	5.09E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
2337	625535.13	4265384.98	7.69E-08	2.64E-08	1.03E-07	6.42E-08	1.98E-08	8.40E-08	1.52E-08	5.06E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
2338	625538.77	4265394.18	7.65E-08	2.63E-08	1.03E-07	6.39E-08	1.97E-08	8.36E-08	1.51E-08	5.04E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
2339	625542.41	4265403.37	7.61E-08	2.62E-08	1.02E-07	6.36E-08	1.96E-08	8.32E-08	1.51E-08	5.01E-09	2.01E-08	1.17E-08	2.41E-09	1.42E-08
2340	625546.06	4265412.57	7.57E-08	2.60E-08	1.02E-07	6.33E-08	1.95E-08	8.27E-08	1.50E-08	4.99E-09	2.00E-08	1.17E-08	2.40E-09	1.41E-08
2341	625549.7	4265421.77	7.53E-08	2.59E-08	1.01E-07	6.29E-08	1.94E-08	8.23E-08	1.49E-08	4.96E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
2342	625553.34	4265430.96	7.48E-08	2.57E-08	1.01E-07	6.26E-08	1.93E-08	8.18E-08	1.48E-08	4.93E-09	1.97E-08	1.15E-08	2.38E-09	1.39E-08
2343	625556.98	4265440.16	7.44E-08	2.56E-08	1.00E-07	6.22E-08	1.91E-08	8.13E-08	1.47E-08	4.90E-09	1.96E-08	1.15E-08	2.36E-09	1.38E-08
2344	625560.62	4265449.36	7.39E-08	2.54E-08	9.93E-08	6.17E-08	1.90E-08	8.08E-08	1.46E-08	4.87E-09	1.95E-08	1.14E-08	2.34E-09	1.37E-08
2345	625564.26	4265458.56	7.33E-08	2.52E-08	9.86E-08	6.13E-08	1.89E-08	8.02E-08	1.45E-08	4.83E-09	1.93E-08	1.13E-08	2.33E-09	1.36E-08
2346	625567.9	4265467.75	7.28E-08	2.50E-08	9.78E-08	6.09E-08	1.87E-08	7.96E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
2347	625571.54	4265476.95	7.23E-08	2.49E-08	9.72E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.12E-08	2.29E-09	1.35E-08
2348	625575.18	4265486.15	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
2349	625578.82	4265495.34	7.13E-08	2.45E-08	9.59E-08	5.96E-08	1.84E-08	7.80E-08	1.41E-08	4.70E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
2350	625582.46	4265504.54	7.08E-08	2.44E-08	9.52E-08	5.92E-08	1.82E-08	7.74E-08	1.40E-08	4.67E-09	1.87E-08	1.09E-08	2.25E-09	1.32E-08
2351	625586.1	4265513.74	7.02E-08	2.42E-08	9.44E-08	5.87E-08	1.81E-08	7.68E-08	1.39E-08	4.63E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
2352	625589.74	4265522.93	6.96E-08	2.39E-08	9.36E-08	5.82E-08	1.79E-08	7.61E-08	1.38E-08	4.59E-09	1.84E-08	1.07E-08	2.21E-09	1.30E-08
2353	625593.38	4265532.13	6.90E-08	2.37E-08	9.27E-08	5.77E-08	1.78E-08	7.54E-08	1.37E-08	4.55E-09	1.82E-08	1.06E-08	2.19E-09	1.28E-08
2354	625597.02	4265541.33	6.84E-08	2.35E-08	9.19E-08	5.71E-08	1.76E-08	7.48E-08	1.35E-08	4.50E-09	1.80E-08	1.05E-08	2.17E-09	1.27E-08
2355	625600.66	4265550.52	6.78E-08	2.33E-08	9.11E-08	5.66E-08	1.74E-08	7.41E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
2356	625604.3	4265559.72	6.72E-08	2.31E-08	9.03E-08	5.61E-08	1.73E-08	7.34E-08	1.33E-08	4.43E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
2357	625607.94	4265568.92	6.66E-08	2.29E-08	8.95E-08	5.57E-08	1.71E-08	7.28E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
2358	625611.58	4265578.12	6.60E-08	2.27E-08	8.87E-08	5.52E-08	1.70E-08	7.22E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
2359	625615.22	4265587.31	6.54E-08	2.25E-08	8.79E-08	5.46E-08	1.68E-08	7.15E-08	1.29E-08	4.31E-09	1.72E-08	1.01E-08	2.07E-09	1.22E-08
2360	625618.86	4265596.51	6.48E-08	2.23E-08	8.70E-08	5.41E-08	1.67E-08	7.08E-08	1.28E-08	4.27E-09	1.71E-08	9.99E-09	2.06E-09	1.20E-08
2361	625622.5	4265605.71	6.41E-08	2.20E-08	8.62E-08	5.36E-08	1.65E-08	7.01E-08	1.27E-08	4.22E-09	1.69E-08	9.89E-09	2.03E-09	1.19E-08
2362	625626.14	4265614.9	6.35E-08	2.18E-08	8.53E-08	5.30E-08	1.63E-08	6.94E-08	1.26E-08	4.18E-09	1.67E-08	9.79E-09	2.01E-09	1.18E-08
2363	625629.78	4265624.1	6.28E-08	2.16E-08	8.44E-08	5.25E-08	1.62E-08	6.86E-08	1.24E-08	4.14E-09	1.66E-08	9.69E-09	1.99E-09	1.17E-08
2364	625633.42	4265633.3	6.21E-08	2.14E-08	8.35E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.59E-09	1.97E-09	1.16E-08
2365	625637.06	4265642.49	6.14E-08	2.11E-08	8.26E-08	5.13E-08	1.58E-08	6.72E-08	1.22E-08	4.05E-09	1.62E-08	9.48E-09	1.95E-09	1.14E-08
2366	625640.7	4265651.69	6.07E-08	2.09E-08	8.16E-08	5.07E-08	1.56E-08	6.64E-08	1.20E-08	4.00E-09	1.60E-08	9.37E-09	1.93E-09	1.13E-08
2367	625644.34	4265660.89	6.00E-08	2.06E-08	8.06E-08	5.02E-08	1.54E-08	6.56E-08	1.19E-08	3.95E-09	1.58E-08	9.26E-09	1.90E-09	1.12E-08
2368	625647.98	4265670.09	5.93E-08	2.04E-08	7.97E-08	4.96E-08	1.53E-08	6.49E-08	1.17E-08	3.91E-09	1.57E-08	9.15E-09	1.88E-09	1.10E-08
2369	625651.62	4265679.28	5.86E-08	2.02E-08	7.88E-08	4.90E-08	1.51E-08	6.41E-08	1.16E-08	3.86E-09	1.55E-08	9.05E-09	1.86E-09	1.09E-08
2370	624866.46	4264875.39	9.92E-08	3.41E-08	1.33E-07	8.29E-08	2.55E-08	1.08E-07	1.96E-08	6.54E-09	2.62E-08	1.53E-08	3.15E-09	1.85E-08
2371	624856.55	4264875.25	9.88E-08	3.40E-08	1.33E-07	8.26E-08	2.54E-08	1.08E-07	1.96E-08	6.51E-09	2.61E-08	1.52E-08	3.13E-09	1.84E-08
2372	624846.64	4264875.11	9.83E-08	3.38E-08	1.32E-07	8.22E-08	2.53E-08	1.08E-07	1.95E-08	6.48E-09	2.59E-08	1.52E-08	3.12E-09	1.83E-08

2373	624836.74	4264874.97	9.79E-08	3.37E-08	1.32E-07	8.18E-08	2.52E-08	1.07E-07	1.94E-08	6.45E-09	2.58E-08	1.51E-08	3.11E-09	1.82E-08
2374	624826.83	4264874.84	9.74E-08	3.35E-08	1.31E-07	8.14E-08	2.51E-08	1.07E-07	1.93E-08	6.42E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
2375	624816.92	4264874.7	9.70E-08	3.33E-08	1.30E-07	8.10E-08	2.50E-08	1.06E-07	1.92E-08	6.39E-09	2.56E-08	1.50E-08	3.08E-09	1.80E-08
2376	624807.01	4264874.56	9.65E-08	3.32E-08	1.30E-07	8.06E-08	2.48E-08	1.05E-07	1.91E-08	6.36E-09	2.55E-08	1.49E-08	3.06E-09	1.79E-08
2377	624797.1	4264874.43	9.60E-08	3.30E-08	1.29E-07	8.02E-08	2.47E-08	1.05E-07	1.90E-08	6.33E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
2378	624787.19	4264874.29	9.55E-08	3.29E-08	1.28E-07	7.99E-08	2.46E-08	1.04E-07	1.89E-08	6.30E-09	2.52E-08	1.47E-08	3.03E-09	1.78E-08
2379	624777.28	4264874.15	9.51E-08	3.27E-08	1.28E-07	7.95E-08	2.45E-08	1.04E-07	1.88E-08	6.26E-09	2.51E-08	1.47E-08	3.02E-09	1.77E-08
2380	624767.37	4264874.01	9.46E-08	3.25E-08	1.27E-07	7.90E-08	2.43E-08	1.03E-07	1.87E-08	6.23E-09	2.50E-08	1.46E-08	3.00E-09	1.76E-08
2381	624757.47	4264873.88	9.40E-08	3.23E-08	1.26E-07	7.86E-08	2.42E-08	1.03E-07	1.86E-08	6.20E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
2382	624747.56	4264873.74	9.35E-08	3.22E-08	1.26E-07	7.82E-08	2.41E-08	1.02E-07	1.85E-08	6.16E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08
2383	624737.65	4264873.6	9.30E-08	3.20E-08	1.25E-07	7.77E-08	2.39E-08	1.02E-07	1.84E-08	6.12E-09	2.45E-08	1.43E-08	2.95E-09	1.73E-08
2384	624727.74	4264873.46	9.24E-08	3.18E-08	1.24E-07	7.73E-08	2.38E-08	1.01E-07	1.83E-08	6.09E-09	2.44E-08	1.43E-08	2.93E-09	1.72E-08
2385	624717.83	4264873.33	9.19E-08	3.16E-08	1.23E-07	7.68E-08	2.37E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.92E-09	1.71E-08
2386	624707.92	4264873.19	9.13E-08	3.14E-08	1.23E-07	7.63E-08	2.35E-08	9.98E-08	1.81E-08	6.02E-09	2.41E-08	1.41E-08	2.90E-09	1.70E-08
2387	624698.01	4264873.05	9.07E-08	3.12E-08	1.22E-07	7.58E-08	2.34E-08	9.92E-08	1.80E-08	5.98E-09	2.39E-08	1.40E-08	2.88E-09	1.69E-08
2388	624688.1	4264872.91	9.01E-08	3.10E-08	1.21E-07	7.53E-08	2.32E-08	9.85E-08	1.78E-08	5.94E-09	2.38E-08	1.39E-08	2.86E-09	1.68E-08
2389	624678.19	4264872.78	8.95E-08	3.08E-08	1.20E-07	7.48E-08	2.30E-08	9.78E-08	1.77E-08	5.89E-09	2.36E-08	1.38E-08	2.84E-09	1.66E-08
2390	624668.29	4264872.64	8.88E-08	3.05E-08	1.19E-07	7.42E-08	2.29E-08	9.71E-08	1.76E-08	5.85E-09	2.34E-08	1.37E-08	2.82E-09	1.65E-08
2391	624658.38	4264872.5	8.81E-08	3.03E-08	1.18E-07	7.37E-08	2.27E-08	9.63E-08	1.74E-08	5.81E-09	2.32E-08	1.36E-08	2.80E-09	1.64E-08
2392	624648.47	4264872.36	8.74E-08	3.01E-08	1.17E-07	7.31E-08	2.25E-08	9.56E-08	1.73E-08	5.76E-09	2.31E-08	1.35E-08	2.77E-09	1.63E-08
2393	624638.56	4264872.23	8.67E-08	2.98E-08	1.17E-07	7.25E-08	2.23E-08	9.48E-08	1.72E-08	5.71E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
2394	624628.65	4264872.09	8.60E-08	2.96E-08	1.16E-07	7.19E-08	2.21E-08	9.40E-08	1.70E-08	5.66E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
2395	624618.74	4264871.95	8.52E-08	2.93E-08	1.15E-07	7.13E-08	2.19E-08	9.32E-08	1.69E-08	5.62E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08
2396	624608.83	4264871.81	8.45E-08	2.91E-08	1.14E-07	7.06E-08	2.18E-08	9.24E-08	1.67E-08	5.57E-09	2.23E-08	1.30E-08	2.68E-09	1.57E-08
2397	624598.92	4264871.68	8.38E-08	2.88E-08	1.13E-07	7.00E-08	2.16E-08	9.16E-08	1.66E-08	5.52E-09	2.21E-08	1.29E-08	2.66E-09	1.56E-08
2398	624589.02	4264871.54	8.30E-08	2.85E-08	1.12E-07	6.94E-08	2.14E-08	9.07E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
2399	624579.11	4264871.4	8.22E-08	2.83E-08	1.10E-07	6.87E-08	2.12E-08	8.99E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2400	624569.2	4264871.26	8.14E-08	2.80E-08	1.09E-07	6.81E-08	2.10E-08	8.90E-08	1.61E-08	5.36E-09	2.15E-08	1.26E-08	2.58E-09	1.51E-08
2401	624559.29	4264871.13	8.07E-08	2.77E-08	1.08E-07	6.74E-08	2.08E-08	8.82E-08	1.60E-08	5.31E-09	2.13E-08	1.24E-08	2.56E-09	1.50E-08
2402	624549.38	4264870.99	7.99E-08	2.75E-08	1.07E-07	6.68E-08	2.06E-08	8.74E-08	1.58E-08	5.27E-09	2.11E-08	1.23E-08	2.54E-09	1.49E-08
2403	624539.47	4264870.85	7.92E-08	2.72E-08	1.06E-07	6.62E-08	2.04E-08	8.66E-08	1.57E-08	5.22E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
2404	624529.56	4264870.72	7.85E-08	2.70E-08	1.05E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
2405	624519.65	4264870.58	7.78E-08	2.68E-08	1.05E-07	6.50E-08	2.00E-08	8.51E-08	1.54E-08	5.13E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
2406	624509.75	4264870.44	7.71E-08	2.65E-08	1.04E-07	6.44E-08	1.99E-08	8.43E-08	1.53E-08	5.08E-09	2.03E-08	1.19E-08	2.45E-09	1.43E-08
2407	624499.84	4264870.3	7.64E-08	2.63E-08	1.03E-07	6.39E-08	1.97E-08	8.36E-08	1.51E-08	5.04E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
2408	624489.93	4264870.17	7.57E-08	2.60E-08	1.02E-07	6.33E-08	1.95E-08	8.28E-08	1.50E-08	4.99E-09	2.00E-08	1.17E-08	2.40E-09	1.41E-08
2409	624480.02	4264870.03	7.51E-08	2.58E-08	1.01E-07	6.27E-08	1.93E-08	8.21E-08	1.49E-08	4.95E-09	1.98E-08	1.16E-08	2.38E-09	1.40E-08
2410	624470.11	4264869.89	7.44E-08	2.56E-08	1.00E-07	6.22E-08	1.92E-08	8.14E-08	1.47E-08	4.90E-09	1.96E-08	1.15E-08	2.36E-09	1.38E-08
2411	624460.2	4264869.75	7.37E-08	2.54E-08	9.91E-08	6.16E-08	1.90E-08	8.06E-08	1.46E-08	4.86E-09	1.95E-08	1.14E-08	2.34E-09	1.37E-08
2412	624450.29	4264869.62	7.31E-08	2.51E-08	9.82E-08	6.11E-08	1.88E-08	7.99E-08	1.45E-08	4.82E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
2413	624440.38	4264869.48	7.24E-08	2.49E-08	9.73E-08	6.05E-08	1.86E-08	7.92E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
2414	624430.47	4264869.34	7.18E-08	2.47E-08	9.64E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
2415	624420.57	4264869.2	7.11E-08	2.45E-08	9.56E-08	5.94E-08	1.83E-08	7.77E-08	1.41E-08	4.68E-09	1.88E-08	1.10E-08	2.26E-09	1.32E-08
2416	624410.66	4264869.07	7.04E-08	2.42E-08	9.47E-08	5.89E-08	1.81E-08	7.70E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
2417	624400.75	4264868.93	6.98E-08	2.40E-08	9.38E-08	5.83E-08	1.80E-08	7.63E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.21E-09	1.30E-08
2418	624390.84	4264868.79	6.91E-08	2.38E-08	9.29E-08	5.78E-08	1.78E-08	7.56E-08	1.37E-08	4.55E-09	1.82E-08	1.07E-08	2.19E-09	1.29E-08
2419	624380.93	4264868.65	6.84E-08	2.35E-08	9.20E-08	5.72E-08	1.76E-08	7.48E-08	1.35E-08	4.51E-09	1.81E-08	1.06E-08	2.17E-09	1.27E-08
2420	624371.02	4264868.52	6.78E-08	2.33E-08	9.11E-08	5.67E-08	1.75E-08	7.41E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
2421	624876.9	4264779.3	8.41E-08	2.89E-08	1.13E-07	7.03E-08	2.17E-08	9.20E-08	1.67E-08	5.54E-09	2.22E-08	1.30E-08	2.67E-09	1.57E-08
2422	624885.95	4264783.2	8.50E-08	2.92E-08	1.14E-07	7.10E-08	2.19E-08	9.29E-08	1.68E-08	5.60E-09	2.24E-08	1.31E-08	2.70E-09	1.58E-08
2423	624895	4264787.11	8.59E-08	2.95E-08	1.15E-07	7.18E-08	2.21E-08	9.39E-08	1.70E-08	5.66E-09	2.27E-08	1.32E-08	2.72E-09	1.60E-08
2424	624904.05	4264791.01	8.68E-08	2.98E-08	1.17E-07	7.25E-08	2.23E-08	9.49E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
2425	624913.1	4264794.91	8.77E-08	3.02E-08	1.18E-07	7.33E-08	2.26E-08	9.59E-08	1.74E-08	5.78E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
2426	624922.15	4264798.82	8.86E-08	3.05E-08	1.19E-07	7.41E-08	2.28E-08	9.69E-08	1.75E-08	5.84E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
2427	624931.2	4264802.72	8.95E-08	3.08E-08	1.20E-07	7.48E-08	2.30E-08	9.79E-08	1.77E-08	5.90E-09	2.36E-08	1.38E-08	2.84E-09	1.67E-08
2428	624940.25	4264806.62	9.04E-08	3.11E-08	1.22E-07	7.56E-08	2.33E-08	9.88E-08	1.79E-08	5.96E-09	2.39E-08	1.40E-08	2.87E-09	1.68E-08
2429	624949.3	4264810.53	9.13E-08	3.14E-08	1.23E-07	7.63E-08	2.35E-08	9.98E-08	1.81E-08	6.02E-09	2.41E-08	1.41E-08	2.90E-09	1.70E-08
2430	624958.35	4264814.43	9.22E-08	3.17E-08	1.24E-07	7.71E-08	2.37E-08	1.01E-07	1.83E-08	6.08E-09	2.43E-08	1.42E-08	2.93E-09	1.72E-08
2431	624967.4	4264818.33	9.31E-08	3.20E-08	1.25E-07	7.79E-08	2.40E-08	1.02E-07	1.84E-08	6.14E-09	2.46E-08	1.44E-08	2.96E-09	1.73E-08
2432	624976.45	4264822.24	9.41E-08	3.23E-08	1.26E-07	7.86E-08	2.42E-08	1.03E-07	1.86E-08	6.20E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
2433	624985.5	4264826.14	9.50E-08	3.27E-08	1.28E-07	7.94E-08	2.44E-08	1.04E-07	1.88E-08	6.26E-09	2.51E-08	1.47E-08	3.01E-09	1.77E-08
2434	624994.55	4264830.04	9.58E-08	3.30E-08	1.29E-07	8.01E-08	2.47E-08	1.05E-07	1.90E-08	6.31E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
2435	625003.6	4264833.95	9.67E-08	3.33E-08	1.30E-07	8.08E-08	2.49E-08	1.06E-07	1.91E-08	6.37E-09	2.55E-08	1.49E-08	3.07E-09	1.80E-08
2436	625012.65	4264837.85	9.75E-08	3.35E-08	1.31E-07	8.15E-08	2.51E-08	1.07E-07	1.93E-08	6.43E-09	2.57E-08	1.51E-08	3.10E-09	1.81E-08
2437	625021.7	4264841.75	9.84E-08	3.38E-08	1.32E-07	8.22E-08	2.53E-08	1.08E-07	1.95E-08	6.48E-09	2.60E-08	1.52E-08	3.12E-09	1.83E-08
2438	625030.75	4264845.66	9.92E-08	3.41E-08	1.33E-07	8.29E-08	2.55E-08	1.08E-07	1.96E-08	6.53E-09	2.62E-08	1.53E-08	3.15E-09	1.84E-08
2439	625039.8	4264849.56	9.99E-08	3.44E-08	1.34E-07	8.35E-08	2.57E-08	1.09E-07	1.98E-08	6.58E-09	2.64E-08	1.54E-08	3.17E-09	1.86E-08
2440	625048.85	4264853.47	1.01E-07	3.46E-08	1.35E-07	8.41E-08	2.59E-08	1.10E-07	1.99E-08	6.63E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
2441	625057.9	4264857.37	1.01E-07	3.48E-08	1.36E-07	8.47E-08	2.61E-08	1.11E-07	2.01E-08	6.67E-09	2.67E-08	1.56E-08	3.21E-09	1.88E-08
2442	625066.95	4264861.27	1.02E-07	3.50E-08	1.37E-07	8.52E-08	2.62E-08	1.11E-07	2.02E-08	6.71E-09	2.69E-08	1.57E-08	3.23E-09	1.90E-08
2443	625076	4264865.18	1.02E-07	3.52E-08	1.38E-07	8.56E-08	2.64E-08	1.12E-07	2.03E-08	6.75E-09	2.70E-08	1.58E-08	3.25E-09	1.91E-08
2444	625085.05	4264869.08	1.03E-07	3.54E-08	1.38E-07	8.61E-08	2.65E-08	1.13E-07	2.04E-08	6.78E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08

2445	625094.1	4264872.98	1.03E-07	3.55E-08	1.39E-07	8.64E-08	2.66E-08	1.13E-07	2.05E-08	6.81E-09	2.73E-08	1.60E-08	3.28E-09	1.92E-08
2446	625103.15	4264876.89	1.04E-07	3.57E-08	1.39E-07	8.67E-08	2.67E-08	1.13E-07	2.05E-08	6.83E-09	2.74E-08	1.60E-08	3.29E-09	1.93E-08
2447	625112.2	4264880.79	1.04E-07	3.58E-08	1.40E-07	8.69E-08	2.68E-08	1.14E-07	2.06E-08	6.85E-09	2.74E-08	1.60E-08	3.30E-09	1.93E-08
2448	625121.25	4264884.69	1.04E-07	3.58E-08	1.40E-07	8.71E-08	2.68E-08	1.14E-07	2.06E-08	6.87E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
2449	625130.3	4264888.6	1.04E-07	3.59E-08	1.40E-07	8.72E-08	2.69E-08	1.14E-07	2.06E-08	6.87E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
2450	625139.35	4264892.5	1.04E-07	3.59E-08	1.40E-07	8.72E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
2451	625148.4	4264896.4	1.04E-07	3.59E-08	1.40E-07	8.72E-08	2.69E-08	1.14E-07	2.07E-08	6.87E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
2452	625157.45	4264900.31	1.04E-07	3.58E-08	1.40E-07	8.71E-08	2.68E-08	1.14E-07	2.06E-08	6.87E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
2453	625166.5	4264904.21	1.04E-07	3.58E-08	1.40E-07	8.70E-08	2.68E-08	1.14E-07	2.06E-08	6.85E-09	2.74E-08	1.61E-08	3.30E-09	1.94E-08
2454	625175.55	4264908.11	1.04E-07	3.57E-08	1.39E-07	8.68E-08	2.67E-08	1.13E-07	2.05E-08	6.84E-09	2.74E-08	1.60E-08	3.29E-09	1.93E-08
2455	625184.6	4264912.02	1.03E-07	3.56E-08	1.39E-07	8.65E-08	2.66E-08	1.13E-07	2.05E-08	6.82E-09	2.73E-08	1.60E-08	3.28E-09	1.92E-08
2456	625193.65	4264915.92	1.03E-07	3.54E-08	1.38E-07	8.61E-08	2.65E-08	1.13E-07	2.04E-08	6.79E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
2457	625202.7	4264919.82	1.03E-07	3.53E-08	1.38E-07	8.57E-08	2.64E-08	1.12E-07	2.03E-08	6.76E-09	2.71E-08	1.58E-08	3.26E-09	1.91E-08
2458	625211.75	4264923.73	1.02E-07	3.51E-08	1.37E-07	8.53E-08	2.63E-08	1.12E-07	2.02E-08	6.72E-09	2.69E-08	1.57E-08	3.24E-09	1.90E-08
2459	625220.8	4264927.63	1.01E-07	3.49E-08	1.36E-07	8.48E-08	2.61E-08	1.11E-07	2.01E-08	6.68E-09	2.68E-08	1.57E-08	3.22E-09	1.89E-08
2460	625229.85	4264931.53	1.01E-07	3.47E-08	1.35E-07	8.42E-08	2.59E-08	1.10E-07	1.99E-08	6.64E-09	2.66E-08	1.56E-08	3.20E-09	1.87E-08
2461	625238.9	4264935.44	1.00E-07	3.44E-08	1.34E-07	8.36E-08	2.58E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.18E-09	1.86E-08
2462	625247.95	4264939.34	9.93E-08	3.41E-08	1.33E-07	8.30E-08	2.56E-08	1.09E-07	1.97E-08	6.54E-09	2.62E-08	1.53E-08	3.15E-09	1.85E-08
2463	625257	4264943.24	9.85E-08	3.39E-08	1.32E-07	8.23E-08	2.53E-08	1.08E-07	1.95E-08	6.49E-09	2.60E-08	1.52E-08	3.12E-09	1.83E-08
2464	625266.05	4264947.15	9.76E-08	3.36E-08	1.31E-07	8.16E-08	2.51E-08	1.07E-07	1.93E-08	6.43E-09	2.57E-08	1.51E-08	3.10E-09	1.82E-08
2465	625275.09	4264951.05	9.67E-08	3.32E-08	1.30E-07	8.08E-08	2.49E-08	1.06E-07	1.91E-08	6.37E-09	2.55E-08	1.49E-08	3.07E-09	1.80E-08
2466	625284.14	4264954.95	9.57E-08	3.29E-08	1.29E-07	8.00E-08	2.46E-08	1.05E-07	1.89E-08	6.31E-09	2.52E-08	1.48E-08	3.04E-09	1.78E-08
2467	625293.19	4264958.86	9.47E-08	3.26E-08	1.27E-07	7.92E-08	2.44E-08	1.04E-07	1.87E-08	6.24E-09	2.50E-08	1.46E-08	3.01E-09	1.76E-08
2468	625302.24	4264962.76	9.37E-08	3.22E-08	1.26E-07	7.83E-08	2.41E-08	1.02E-07	1.85E-08	6.17E-09	2.47E-08	1.45E-08	2.97E-09	1.74E-08
2469	625311.29	4264966.66	9.26E-08	3.19E-08	1.24E-07	7.74E-08	2.38E-08	1.01E-07	1.83E-08	6.10E-09	2.44E-08	1.43E-08	2.94E-09	1.72E-08
2470	625320.34	4264970.57	9.16E-08	3.15E-08	1.23E-07	7.65E-08	2.36E-08	1.00E-07	1.81E-08	6.03E-09	2.42E-08	1.41E-08	2.91E-09	1.70E-08
2471	625329.39	4264974.47	9.05E-08	3.11E-08	1.22E-07	7.56E-08	2.33E-08	9.89E-08	1.79E-08	5.96E-09	2.39E-08	1.40E-08	2.87E-09	1.68E-08
2472	625338.44	4264978.38	8.93E-08	3.07E-08	1.20E-07	7.47E-08	2.30E-08	9.77E-08	1.77E-08	5.89E-09	2.36E-08	1.38E-08	2.84E-09	1.66E-08
2473	625347.49	4264982.28	8.82E-08	3.03E-08	1.19E-07	7.37E-08	2.27E-08	9.65E-08	1.75E-08	5.81E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
2474	625356.54	4264986.18	8.71E-08	2.99E-08	1.17E-07	7.28E-08	2.24E-08	9.52E-08	1.72E-08	5.74E-09	2.30E-08	1.34E-08	2.76E-09	1.62E-08
2475	625365.59	4264990.09	8.59E-08	2.95E-08	1.15E-07	7.18E-08	2.21E-08	9.39E-08	1.70E-08	5.66E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
2476	625374.64	4264993.99	8.48E-08	2.91E-08	1.14E-07	7.08E-08	2.18E-08	9.27E-08	1.68E-08	5.58E-09	2.24E-08	1.31E-08	2.69E-09	1.58E-08
2477	625383.69	4264997.89	8.37E-08	2.88E-08	1.12E-07	6.99E-08	2.15E-08	9.15E-08	1.66E-08	5.51E-09	2.21E-08	1.29E-08	2.65E-09	1.56E-08
2478	625392.74	4265001.8	8.26E-08	2.84E-08	1.11E-07	6.90E-08	2.13E-08	9.03E-08	1.63E-08	5.44E-09	2.18E-08	1.27E-08	2.62E-09	1.54E-08
2479	625401.79	4265005.7	8.15E-08	2.80E-08	1.09E-07	6.81E-08	2.10E-08	8.91E-08	1.61E-08	5.37E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
2480	625410.84	4265009.6	8.04E-08	2.76E-08	1.08E-07	6.72E-08	2.07E-08	8.79E-08	1.59E-08	5.29E-09	2.12E-08	1.24E-08	2.55E-09	1.49E-08
2481	625419.89	4265013.51	7.93E-08	2.73E-08	1.07E-07	6.62E-08	2.04E-08	8.66E-08	1.57E-08	5.22E-09	2.09E-08	1.22E-08	2.52E-09	1.47E-08
2482	625428.94	4265017.41	7.82E-08	2.69E-08	1.05E-07	6.53E-08	2.01E-08	8.55E-08	1.55E-08	5.15E-09	2.06E-08	1.21E-08	2.48E-09	1.45E-08
2483	625437.99	4265021.31	7.71E-08	2.65E-08	1.04E-07	6.45E-08	1.99E-08	8.43E-08	1.53E-08	5.08E-09	2.03E-08	1.19E-08	2.45E-09	1.43E-08
2484	625447.04	4265025.22	7.61E-08	2.62E-08	1.02E-07	6.36E-08	1.96E-08	8.33E-08	1.51E-08	5.02E-09	2.01E-08	1.17E-08	2.42E-09	1.42E-08
2485	625456.09	4265029.12	7.52E-08	2.59E-08	1.01E-07	6.28E-08	1.94E-08	8.22E-08	1.49E-08	4.95E-09	1.98E-08	1.16E-08	2.39E-09	1.40E-08
2486	625465.14	4265033.02	7.43E-08	2.55E-08	9.98E-08	6.21E-08	1.91E-08	8.12E-08	1.47E-08	4.89E-09	1.96E-08	1.15E-08	2.36E-09	1.38E-08
2487	625474.19	4265036.93	7.33E-08	2.52E-08	9.85E-08	6.13E-08	1.89E-08	8.01E-08	1.45E-08	4.83E-09	1.93E-08	1.13E-08	2.33E-09	1.36E-08
2488	625483.24	4265040.83	7.24E-08	2.49E-08	9.73E-08	6.05E-08	1.86E-08	7.92E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
2489	625492.29	4265044.73	7.16E-08	2.46E-08	9.62E-08	5.98E-08	1.84E-08	7.82E-08	1.42E-08	4.71E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
2490	625504.97	4265057.8	7.07E-08	2.43E-08	9.50E-08	5.91E-08	1.82E-08	7.73E-08	1.40E-08	4.66E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
2491	625508.6	4265066.97	7.06E-08	2.43E-08	9.49E-08	5.90E-08	1.82E-08	7.72E-08	1.40E-08	4.65E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
2492	625512.22	4265076.13	7.05E-08	2.42E-08	9.47E-08	5.89E-08	1.82E-08	7.71E-08	1.40E-08	4.65E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
2493	625515.85	4265085.29	7.04E-08	2.42E-08	9.47E-08	5.89E-08	1.81E-08	7.70E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
2494	625519.48	4265094.46	7.04E-08	2.42E-08	9.46E-08	5.89E-08	1.81E-08	7.70E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.23E-09	1.31E-08
2495	625523.11	4265103.62	7.04E-08	2.42E-08	9.46E-08	5.89E-08	1.81E-08	7.70E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.23E-09	1.31E-08
2496	625526.73	4265112.79	7.04E-08	2.42E-08	9.47E-08	5.89E-08	1.81E-08	7.70E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
2497	625530.36	4265121.95	7.04E-08	2.42E-08	9.46E-08	5.88E-08	1.81E-08	7.69E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.23E-09	1.31E-08
2498	625533.99	4265131.11	7.03E-08	2.42E-08	9.45E-08	5.88E-08	1.81E-08	7.69E-08	1.39E-08	4.63E-09	1.86E-08	1.09E-08	2.23E-09	1.31E-08
2499	625537.62	4265140.28	7.03E-08	2.42E-08	9.45E-08	5.88E-08	1.81E-08	7.69E-08	1.39E-08	4.63E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
2500	625541.24	4265149.44	7.03E-08	2.42E-08	9.44E-08	5.87E-08	1.81E-08	7.68E-08	1.39E-08	4.63E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
2501	625544.87	4265158.61	7.02E-08	2.41E-08	9.43E-08	5.87E-08	1.81E-08	7.67E-08	1.39E-08	4.62E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
2502	625548.5	4265167.77	7.01E-08	2.41E-08	9.42E-08	5.86E-08	1.80E-08	7.66E-08	1.39E-08	4.62E-09	1.85E-08	1.08E-08	2.22E-09	1.30E-08
2503	625552.12	4265176.93	7.00E-08	2.41E-08	9.41E-08	5.85E-08	1.80E-08	7.66E-08	1.39E-08	4.61E-09	1.85E-08	1.08E-08	2.22E-09	1.30E-08
2504	625555.75	4265186.1	6.99E-08	2.40E-08	9.39E-08	5.84E-08	1.80E-08	7.64E-08	1.38E-08	4.61E-09	1.84E-08	1.08E-08	2.22E-09	1.30E-08
2505	625559.38	4265195.26	6.98E-08	2.40E-08	9.37E-08	5.83E-08	1.80E-08	7.63E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.21E-09	1.30E-08
2506	625563.01	4265204.43	6.96E-08	2.39E-08	9.35E-08	5.82E-08	1.79E-08	7.61E-08	1.38E-08	4.59E-09	1.84E-08	1.07E-08	2.21E-09	1.29E-08
2507	625566.63	4265213.59	6.95E-08	2.39E-08	9.34E-08	5.81E-08	1.79E-08	7.60E-08	1.38E-08	4.58E-09	1.83E-08	1.07E-08	2.21E-09	1.29E-08
2508	625570.26	4265222.76	6.94E-08	2.39E-08	9.32E-08	5.80E-08	1.79E-08	7.58E-08	1.37E-08	4.57E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
2509	625573.89	4265231.92	6.93E-08	2.38E-08	9.31E-08	5.79E-08	1.78E-08	7.57E-08	1.37E-08	4.56E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
2510	625577.51	4265241.08	6.91E-08	2.38E-08	9.29E-08	5.78E-08	1.78E-08	7.56E-08	1.37E-08	4.55E-09	1.82E-08	1.07E-08	2.19E-09	1.29E-08
2511	625581.14	4265250.25	6.89E-08	2.37E-08	9.27E-08	5.76E-08	1.78E-08	7.54E-08	1.36E-08	4.54E-09	1.82E-08	1.06E-08	2.19E-09	1.28E-08
2512	625584.77	4265259.41	6.88E-08	2.36E-08	9.24E-08	5.75E-08	1.77E-08	7.52E-08	1.36E-08	4.53E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
2513	625588.4	4265268.58	6.85E-08	2.36E-08	9.21E-08	5.73E-08	1.76E-08	7.49E-08	1.36E-08	4.51E-09	1.81E-08	1.06E-08	2.17E-09	1.27E-08
2514	625592.02	4265277.74	6.83E-08	2.35E-08	9.18E-08	5.71E-08	1.76E-08	7.47E-08	1.35E-08	4.50E-09	1.80E-08	1.05E-08	2.17E-09	1.27E-08
2515	625595.65	4265286.9	6.81E-08	2.34E-08	9.15E-08	5.69E-08	1.75E-08	7.45E-08	1.35E-08	4.49E-09	1.80E-08	1.05E-08	2.16E-09	1.27E-08
2516	625599.28	4265296.07	6.79E-08	2.33E-08	9.13E-08	5.68E-08	1.75E-08	7.42E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08

2517	625602.9	4265305.23	6.77E-08	2.33E-08	9.09E-08	5.66E-08	1.74E-08	7.40E-08	1.34E-08	4.46E-09	1.78E-08	1.04E-08	2.15E-09	1.26E-08
2518	625606.53	4265314.4	6.74E-08	2.32E-08	9.06E-08	5.63E-08	1.74E-08	7.37E-08	1.33E-08	4.44E-09	1.78E-08	1.04E-08	2.14E-09	1.25E-08
2519	625610.16	4265323.56	6.71E-08	2.31E-08	9.02E-08	5.61E-08	1.73E-08	7.34E-08	1.33E-08	4.42E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
2520	625613.79	4265332.72	6.68E-08	2.30E-08	8.98E-08	5.59E-08	1.72E-08	7.31E-08	1.32E-08	4.40E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
2521	625617.41	4265341.89	6.65E-08	2.29E-08	8.94E-08	5.56E-08	1.71E-08	7.27E-08	1.32E-08	4.38E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
2522	625621.04	4265351.05	6.62E-08	2.28E-08	8.90E-08	5.54E-08	1.71E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
2523	625624.67	4265360.22	6.59E-08	2.27E-08	8.86E-08	5.51E-08	1.70E-08	7.21E-08	1.30E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
2524	625628.3	4265369.38	6.56E-08	2.26E-08	8.82E-08	5.48E-08	1.69E-08	7.17E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
2525	625631.92	4265378.55	6.53E-08	2.24E-08	8.77E-08	5.45E-08	1.68E-08	7.13E-08	1.29E-08	4.30E-09	1.72E-08	1.01E-08	2.07E-09	1.21E-08
2526	625635.55	4265387.71	6.49E-08	2.23E-08	8.72E-08	5.43E-08	1.67E-08	7.10E-08	1.28E-08	4.28E-09	1.71E-08	1.00E-08	2.06E-09	1.21E-08
2527	625639.18	4265396.87	6.46E-08	2.22E-08	8.68E-08	5.40E-08	1.66E-08	7.06E-08	1.28E-08	4.25E-09	1.70E-08	9.96E-09	2.05E-09	1.20E-08
2528	625642.8	4265406.04	6.42E-08	2.21E-08	8.63E-08	5.37E-08	1.65E-08	7.02E-08	1.27E-08	4.23E-09	1.69E-08	9.91E-09	2.04E-09	1.19E-08
2529	625646.43	4265415.2	6.38E-08	2.19E-08	8.57E-08	5.33E-08	1.64E-08	6.98E-08	1.26E-08	4.20E-09	1.68E-08	9.85E-09	2.02E-09	1.19E-08
2530	625650.06	4265424.37	6.34E-08	2.18E-08	8.52E-08	5.30E-08	1.63E-08	6.93E-08	1.26E-08	4.18E-09	1.67E-08	9.78E-09	2.01E-09	1.18E-08
2531	625653.69	4265433.53	6.30E-08	2.17E-08	8.47E-08	5.27E-08	1.62E-08	6.89E-08	1.25E-08	4.15E-09	1.66E-08	9.72E-09	2.00E-09	1.17E-08
2532	625657.31	4265442.69	6.26E-08	2.15E-08	8.41E-08	5.23E-08	1.61E-08	6.84E-08	1.24E-08	4.12E-09	1.65E-08	9.66E-09	1.99E-09	1.16E-08
2533	625660.94	4265451.86	6.22E-08	2.14E-08	8.36E-08	5.20E-08	1.60E-08	6.80E-08	1.23E-08	4.10E-09	1.64E-08	9.59E-09	1.97E-09	1.16E-08
2534	625664.57	4265461.02	6.18E-08	2.12E-08	8.30E-08	5.16E-08	1.59E-08	6.75E-08	1.22E-08	4.07E-09	1.63E-08	9.53E-09	1.96E-09	1.15E-08
2535	625668.19	4265470.19	6.14E-08	2.11E-08	8.24E-08	5.13E-08	1.58E-08	6.71E-08	1.21E-08	4.04E-09	1.62E-08	9.47E-09	1.95E-09	1.14E-08
2536	625671.82	4265479.35	6.09E-08	2.10E-08	8.19E-08	5.09E-08	1.57E-08	6.66E-08	1.21E-08	4.02E-09	1.61E-08	9.40E-09	1.93E-09	1.13E-08
2537	625675.45	4265488.51	6.05E-08	2.08E-08	8.14E-08	5.06E-08	1.56E-08	6.62E-08	1.20E-08	3.99E-09	1.60E-08	9.34E-09	1.92E-09	1.13E-08
2538	625679.08	4265497.68	6.01E-08	2.07E-08	8.08E-08	5.03E-08	1.55E-08	6.58E-08	1.19E-08	3.96E-09	1.59E-08	9.28E-09	1.91E-09	1.12E-08
2539	625682.7	4265506.84	5.97E-08	2.05E-08	8.03E-08	4.99E-08	1.54E-08	6.53E-08	1.18E-08	3.94E-09	1.58E-08	9.22E-09	1.90E-09	1.11E-08
2540	625686.33	4265516.01	5.93E-08	2.04E-08	7.97E-08	4.96E-08	1.53E-08	6.48E-08	1.17E-08	3.91E-09	1.56E-08	9.15E-09	1.88E-09	1.10E-08
2541	625689.96	4265525.17	5.89E-08	2.02E-08	7.91E-08	4.92E-08	1.52E-08	6.44E-08	1.17E-08	3.88E-09	1.55E-08	9.09E-09	1.87E-09	1.10E-08
2542	625693.59	4265534.34	5.85E-08	2.01E-08	7.86E-08	4.89E-08	1.50E-08	6.39E-08	1.16E-08	3.85E-09	1.54E-08	9.02E-09	1.86E-09	1.09E-08
2543	625697.21	4265543.5	5.80E-08	1.99E-08	7.79E-08	4.84E-08	1.49E-08	6.34E-08	1.15E-08	3.82E-09	1.53E-08	8.94E-09	1.84E-09	1.08E-08
2544	625700.84	4265552.66	5.75E-08	1.98E-08	7.72E-08	4.80E-08	1.48E-08	6.28E-08	1.14E-08	3.79E-09	1.52E-08	8.86E-09	1.82E-09	1.07E-08
2545	625704.47	4265561.83	5.69E-08	1.96E-08	7.65E-08	4.76E-08	1.47E-08	6.22E-08	1.13E-08	3.75E-09	1.50E-08	8.79E-09	1.81E-09	1.06E-08
2546	625708.09	4265570.99	5.65E-08	1.94E-08	7.59E-08	4.72E-08	1.45E-08	6.17E-08	1.12E-08	3.72E-09	1.49E-08	8.71E-09	1.79E-09	1.05E-08
2547	625711.72	4265580.16	5.60E-08	1.92E-08	7.52E-08	4.68E-08	1.44E-08	6.12E-08	1.11E-08	3.69E-09	1.48E-08	8.63E-09	1.78E-09	1.04E-08
2548	625715.35	4265589.32	5.54E-08	1.91E-08	7.45E-08	4.63E-08	1.43E-08	6.06E-08	1.10E-08	3.65E-09	1.46E-08	8.55E-09	1.76E-09	1.03E-08
2549	625718.98	4265598.48	5.49E-08	1.89E-08	7.38E-08	4.59E-08	1.41E-08	6.00E-08	1.09E-08	3.62E-09	1.45E-08	8.47E-09	1.74E-09	1.02E-08
2550	625722.6	4265607.65	5.44E-08	1.87E-08	7.31E-08	4.54E-08	1.40E-08	5.94E-08	1.08E-08	3.58E-09	1.43E-08	8.39E-09	1.73E-09	1.01E-08
2551	625726.23	4265616.81	5.38E-08	1.85E-08	7.23E-08	4.50E-08	1.39E-08	5.88E-08	1.07E-08	3.55E-09	1.42E-08	8.31E-09	1.71E-09	1.00E-08
2552	625729.86	4265625.98	5.33E-08	1.83E-08	7.16E-08	4.45E-08	1.37E-08	5.82E-08	1.05E-08	3.51E-09	1.41E-08	8.22E-09	1.69E-09	9.91E-09
2553	625733.48	4265635.14	5.27E-08	1.81E-08	7.08E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.13E-09	1.67E-09	9.80E-09
2554	625737.11	4265644.3	5.21E-08	1.79E-08	7.00E-08	4.36E-08	1.34E-08	5.70E-08	1.03E-08	3.43E-09	1.37E-08	8.04E-09	1.65E-09	9.69E-09
2555	625740.74	4265653.47	5.15E-08	1.77E-08	6.92E-08	4.31E-08	1.33E-08	5.63E-08	1.02E-08	3.39E-09	1.36E-08	7.95E-09	1.64E-09	9.58E-09
2556	625744.37	4265662.63	5.09E-08	1.75E-08	6.84E-08	4.26E-08	1.31E-08	5.57E-08	1.01E-08	3.36E-09	1.34E-08	7.86E-09	1.62E-09	9.47E-09
2557	625747.99	4265671.8	5.03E-08	1.73E-08	6.76E-08	4.21E-08	1.30E-08	5.50E-08	9.96E-09	3.32E-09	1.33E-08	7.76E-09	1.60E-09	9.36E-09
2558	625751.62	4265680.96	4.97E-08	1.71E-08	6.68E-08	4.16E-08	1.28E-08	5.44E-08	9.84E-09	3.28E-09	1.31E-08	7.67E-09	1.58E-09	9.25E-09
2559	624867.85	4264775.4	8.33E-08	2.86E-08	1.12E-07	6.96E-08	2.14E-08	9.11E-08	1.65E-08	5.49E-09	2.20E-08	1.29E-08	2.64E-09	1.55E-08
2560	624857.94	4264775.26	8.30E-08	2.85E-08	1.11E-07	6.93E-08	2.14E-08	9.07E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
2561	624848.03	4264775.12	8.26E-08	2.84E-08	1.11E-07	6.91E-08	2.13E-08	9.03E-08	1.64E-08	5.44E-09	2.18E-08	1.27E-08	2.62E-09	1.54E-08
2562	624838.12	4264774.98	8.23E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	9.00E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2563	624828.21	4264774.85	8.20E-08	2.82E-08	1.10E-07	6.85E-08	2.11E-08	8.96E-08	1.62E-08	5.40E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
2564	624818.3	4264774.71	8.16E-08	2.81E-08	1.10E-07	6.82E-08	2.10E-08	8.92E-08	1.62E-08	5.38E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
2565	624808.4	4264774.57	8.13E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.88E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
2566	624798.49	4264774.43	8.09E-08	2.78E-08	1.09E-07	6.77E-08	2.08E-08	8.85E-08	1.60E-08	5.33E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
2567	624788.58	4264774.3	8.06E-08	2.77E-08	1.08E-07	6.74E-08	2.08E-08	8.82E-08	1.60E-08	5.31E-09	2.13E-08	1.24E-08	2.56E-09	1.50E-08
2568	624778.67	4264774.16	8.03E-08	2.76E-08	1.08E-07	6.71E-08	2.07E-08	8.78E-08	1.59E-08	5.29E-09	2.12E-08	1.24E-08	2.55E-09	1.49E-08
2569	624768.76	4264774.02	8.00E-08	2.75E-08	1.08E-07	6.69E-08	2.06E-08	8.75E-08	1.58E-08	5.27E-09	2.11E-08	1.23E-08	2.54E-09	1.49E-08
2570	624758.85	4264773.89	7.97E-08	2.74E-08	1.07E-07	6.66E-08	2.05E-08	8.71E-08	1.58E-08	5.25E-09	2.10E-08	1.23E-08	2.53E-09	1.48E-08
2571	624748.94	4264773.75	7.94E-08	2.73E-08	1.07E-07	6.64E-08	2.04E-08	8.68E-08	1.57E-08	5.23E-09	2.09E-08	1.22E-08	2.52E-09	1.48E-08
2572	624739.03	4264773.61	7.91E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.64E-08	1.56E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
2573	624729.13	4264773.47	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.61E-08	1.56E-08	5.19E-09	2.08E-08	1.21E-08	2.50E-09	1.46E-08
2574	624719.22	4264773.34	7.84E-08	2.69E-08	1.05E-07	6.55E-08	2.02E-08	8.57E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
2575	624709.31	4264773.2	7.80E-08	2.68E-08	1.05E-07	6.52E-08	2.01E-08	8.53E-08	1.54E-08	5.14E-09	2.06E-08	1.20E-08	2.48E-09	1.45E-08
2576	624699.4	4264773.06	7.76E-08	2.67E-08	1.04E-07	6.49E-08	2.00E-08	8.49E-08	1.54E-08	5.11E-09	2.05E-08	1.20E-08	2.46E-09	1.44E-08
2577	624689.49	4264772.92	7.72E-08	2.66E-08	1.04E-07	6.46E-08	1.99E-08	8.44E-08	1.53E-08	5.09E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
2578	624679.58	4264772.79	7.68E-08	2.64E-08	1.03E-07	6.42E-08	1.98E-08	8.40E-08	1.52E-08	5.06E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
2579	624669.67	4264772.65	7.64E-08	2.63E-08	1.03E-07	6.39E-08	1.97E-08	8.35E-08	1.51E-08	5.03E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
2580	624659.76	4264772.51	7.60E-08	2.61E-08	1.02E-07	6.35E-08	1.96E-08	8.31E-08	1.50E-08	5.01E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
2581	624649.86	4264772.37	7.55E-08	2.60E-08	1.02E-07	6.31E-08	1.94E-08	8.26E-08	1.50E-08	4.98E-09	1.99E-08	1.17E-08	2.40E-09	1.41E-08
2582	624639.95	4264772.24	7.51E-08	2.58E-08	1.01E-07	6.27E-08	1.93E-08	8.21E-08	1.49E-08	4.95E-09	1.98E-08	1.16E-08	2.38E-09	1.40E-08
2583	624630.04	4264772.1	7.46E-08	2.56E-08	1.00E-07	6.23E-08	1.92E-08	8.15E-08	1.48E-08	4.91E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
2584	624620.13	4264771.96	7.41E-08	2.55E-08	9.95E-08	6.19E-08	1.91E-08	8.10E-08	1.47E-08	4.88E-09	1.95E-08	1.14E-08	2.35E-09	1.38E-08
2585	624610.22	4264771.82	7.35E-08	2.53E-08	9.88E-08	6.15E-08	1.89E-08	8.04E-08	1.46E-08	4.84E-09	1.94E-08	1.13E-08	2.33E-09	1.37E-08
2586	624600.31	4264771.69	7.30E-08	2.51E-08	9.81E-08	6.10E-08	1.88E-08	7.98E-08	1.44E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
2587	624590.4	4264771.55	7.24E-08	2.49E-08	9.73E-08	6.05E-08	1.86E-08	7.92E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
2588	624580.49	4264771.41	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08

2589	624570.58	4264771.27	7.12E-08	2.45E-08	9.57E-08	5.95E-08	1.83E-08	7.78E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.32E-08
2590	624560.68	4264771.14	7.06E-08	2.43E-08	9.48E-08	5.90E-08	1.82E-08	7.72E-08	1.40E-08	4.65E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
2591	624550.77	4264771	6.99E-08	2.40E-08	9.39E-08	5.84E-08	1.80E-08	7.64E-08	1.38E-08	4.61E-09	1.84E-08	1.08E-08	2.22E-09	1.30E-08
2592	624540.86	4264770.86	6.92E-08	2.38E-08	9.30E-08	5.79E-08	1.78E-08	7.57E-08	1.37E-08	4.56E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
2593	624530.95	4264770.72	6.86E-08	2.36E-08	9.21E-08	5.73E-08	1.77E-08	7.50E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
2594	624521.04	4264770.59	6.79E-08	2.34E-08	9.13E-08	5.68E-08	1.75E-08	7.43E-08	1.34E-08	4.48E-09	1.79E-08	1.05E-08	2.16E-09	1.26E-08
2595	624511.13	4264770.45	6.73E-08	2.31E-08	9.04E-08	5.62E-08	1.73E-08	7.36E-08	1.33E-08	4.43E-09	1.78E-08	1.04E-08	2.14E-09	1.25E-08
2596	624501.22	4264770.31	6.67E-08	2.29E-08	8.96E-08	5.57E-08	1.72E-08	7.29E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
2597	624491.31	4264770.18	6.60E-08	2.27E-08	8.87E-08	5.52E-08	1.70E-08	7.22E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
2598	624481.41	4264770.04	6.54E-08	2.25E-08	8.79E-08	5.47E-08	1.68E-08	7.15E-08	1.29E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
2599	624471.5	4264769.9	6.48E-08	2.23E-08	8.71E-08	5.42E-08	1.67E-08	7.08E-08	1.28E-08	4.27E-09	1.71E-08	1.00E-08	2.06E-09	1.21E-08
2600	624461.59	4264769.76	6.42E-08	2.21E-08	8.63E-08	5.37E-08	1.65E-08	7.02E-08	1.27E-08	4.23E-09	1.69E-08	9.91E-09	2.04E-09	1.19E-08
2601	624451.68	4264769.63	6.36E-08	2.19E-08	8.55E-08	5.32E-08	1.64E-08	6.95E-08	1.26E-08	4.19E-09	1.68E-08	9.81E-09	2.02E-09	1.18E-08
2602	624441.77	4264769.49	6.30E-08	2.17E-08	8.47E-08	5.27E-08	1.62E-08	6.89E-08	1.25E-08	4.15E-09	1.66E-08	9.72E-09	2.00E-09	1.17E-08
2603	624431.86	4264769.35	6.24E-08	2.15E-08	8.39E-08	5.22E-08	1.61E-08	6.83E-08	1.24E-08	4.11E-09	1.65E-08	9.63E-09	1.98E-09	1.16E-08
2604	624421.95	4264769.21	6.19E-08	2.13E-08	8.31E-08	5.17E-08	1.59E-08	6.76E-08	1.22E-08	4.08E-09	1.63E-08	9.55E-09	1.96E-09	1.15E-08
2605	624412.04	4264769.08	6.13E-08	2.11E-08	8.24E-08	5.12E-08	1.58E-08	6.70E-08	1.21E-08	4.04E-09	1.62E-08	9.46E-09	1.95E-09	1.14E-08
2606	624402.14	4264768.94	6.07E-08	2.09E-08	8.16E-08	5.08E-08	1.56E-08	6.64E-08	1.20E-08	4.00E-09	1.60E-08	9.37E-09	1.93E-09	1.13E-08
2607	624392.23	4264768.8	6.02E-08	2.07E-08	8.09E-08	5.03E-08	1.55E-08	6.58E-08	1.19E-08	3.96E-09	1.59E-08	9.28E-09	1.91E-09	1.12E-08
2608	624382.32	4264768.66	5.96E-08	2.05E-08	8.01E-08	4.98E-08	1.53E-08	6.52E-08	1.18E-08	3.93E-09	1.57E-08	9.20E-09	1.89E-09	1.11E-08
2609	624372.41	4264768.53	5.91E-08	2.03E-08	7.94E-08	4.94E-08	1.52E-08	6.46E-08	1.17E-08	3.89E-09	1.56E-08	9.11E-09	1.87E-09	1.10E-08
2610	624878.26	4264679.3	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
2611	624887.28	4264683.19	7.25E-08	2.49E-08	9.74E-08	6.06E-08	1.87E-08	7.93E-08	1.44E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
2612	624896.31	4264687.08	7.32E-08	2.52E-08	9.83E-08	6.12E-08	1.88E-08	8.00E-08	1.45E-08	4.82E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
2613	624905.33	4264690.98	7.39E-08	2.54E-08	9.93E-08	6.17E-08	1.90E-08	8.08E-08	1.46E-08	4.87E-09	1.95E-08	1.14E-08	2.34E-09	1.37E-08
2614	624914.36	4264694.87	7.46E-08	2.56E-08	1.00E-07	6.23E-08	1.92E-08	8.15E-08	1.48E-08	4.91E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
2615	624923.38	4264698.76	7.53E-08	2.59E-08	1.01E-07	6.29E-08	1.94E-08	8.23E-08	1.49E-08	4.96E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
2616	624932.4	4264702.65	7.60E-08	2.61E-08	1.02E-07	6.35E-08	1.96E-08	8.31E-08	1.50E-08	5.01E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
2617	624941.43	4264706.54	7.67E-08	2.64E-08	1.03E-07	6.41E-08	1.98E-08	8.39E-08	1.52E-08	5.06E-09	2.02E-08	1.18E-08	2.43E-09	1.43E-08
2618	624950.45	4264710.44	7.75E-08	2.66E-08	1.04E-07	6.48E-08	1.99E-08	8.47E-08	1.53E-08	5.10E-09	2.04E-08	1.20E-08	2.46E-09	1.44E-08
2619	624959.48	4264714.33	7.83E-08	2.69E-08	1.05E-07	6.54E-08	2.01E-08	8.56E-08	1.55E-08	5.16E-09	2.06E-08	1.21E-08	2.48E-09	1.46E-08
2620	624968.5	4264718.22	7.90E-08	2.72E-08	1.06E-07	6.61E-08	2.03E-08	8.64E-08	1.56E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
2621	624977.52	4264722.11	7.98E-08	2.74E-08	1.07E-07	6.67E-08	2.05E-08	8.73E-08	1.58E-08	5.26E-09	2.11E-08	1.23E-08	2.53E-09	1.48E-08
2622	624986.55	4264726.01	8.06E-08	2.77E-08	1.08E-07	6.74E-08	2.08E-08	8.81E-08	1.60E-08	5.31E-09	2.13E-08	1.24E-08	2.56E-09	1.50E-08
2623	624995.57	4264729.9	8.14E-08	2.80E-08	1.09E-07	6.80E-08	2.10E-08	8.90E-08	1.61E-08	5.36E-09	2.15E-08	1.26E-08	2.58E-09	1.51E-08
2624	625004.6	4264733.79	8.22E-08	2.83E-08	1.10E-07	6.87E-08	2.12E-08	8.98E-08	1.63E-08	5.41E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2625	625013.62	4264737.68	8.30E-08	2.85E-08	1.11E-07	6.93E-08	2.14E-08	9.07E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
2626	625022.65	4264741.58	8.37E-08	2.88E-08	1.13E-07	7.00E-08	2.16E-08	9.16E-08	1.66E-08	5.52E-09	2.21E-08	1.29E-08	2.66E-09	1.56E-08
2627	625031.67	4264745.47	8.45E-08	2.91E-08	1.14E-07	7.06E-08	2.18E-08	9.24E-08	1.67E-08	5.57E-09	2.23E-08	1.30E-08	2.68E-09	1.57E-08
2628	625040.69	4264749.36	8.53E-08	2.93E-08	1.15E-07	7.13E-08	2.20E-08	9.32E-08	1.69E-08	5.62E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08
2629	625049.72	4264753.25	8.60E-08	2.96E-08	1.16E-07	7.19E-08	2.22E-08	9.41E-08	1.70E-08	5.67E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
2630	625058.74	4264757.14	8.68E-08	2.98E-08	1.17E-07	7.25E-08	2.23E-08	9.48E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
2631	625067.77	4264761.04	8.75E-08	3.01E-08	1.18E-07	7.31E-08	2.25E-08	9.56E-08	1.73E-08	5.76E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
2632	625076.79	4264764.93	8.81E-08	3.03E-08	1.18E-07	7.37E-08	2.27E-08	9.63E-08	1.74E-08	5.81E-09	2.32E-08	1.36E-08	2.80E-09	1.64E-08
2633	625085.81	4264768.82	8.88E-08	3.05E-08	1.19E-07	7.42E-08	2.29E-08	9.70E-08	1.76E-08	5.85E-09	2.34E-08	1.37E-08	2.82E-09	1.65E-08
2634	625094.84	4264772.71	8.94E-08	3.07E-08	1.20E-07	7.47E-08	2.30E-08	9.77E-08	1.77E-08	5.89E-09	2.36E-08	1.38E-08	2.84E-09	1.66E-08
2635	625103.86	4264776.61	8.99E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.83E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
2636	625112.89	4264780.5	9.04E-08	3.11E-08	1.21E-07	7.56E-08	2.33E-08	9.88E-08	1.79E-08	5.96E-09	2.39E-08	1.39E-08	2.87E-09	1.68E-08
2637	625121.91	4264784.39	9.09E-08	3.12E-08	1.22E-07	7.59E-08	2.34E-08	9.93E-08	1.80E-08	5.99E-09	2.40E-08	1.40E-08	2.88E-09	1.69E-08
2638	625130.94	4264788.28	9.12E-08	3.14E-08	1.23E-07	7.63E-08	2.35E-08	9.98E-08	1.81E-08	6.01E-09	2.41E-08	1.41E-08	2.90E-09	1.70E-08
2639	625139.96	4264792.18	9.16E-08	3.15E-08	1.23E-07	7.66E-08	2.36E-08	1.00E-07	1.81E-08	6.03E-09	2.42E-08	1.41E-08	2.91E-09	1.70E-08
2640	625148.98	4264796.07	9.19E-08	3.16E-08	1.23E-07	7.68E-08	2.37E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.92E-09	1.71E-08
2641	625158.01	4264799.96	9.21E-08	3.17E-08	1.24E-07	7.70E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
2642	625167.03	4264803.85	9.22E-08	3.17E-08	1.24E-07	7.71E-08	2.37E-08	1.01E-07	1.83E-08	6.08E-09	2.43E-08	1.42E-08	2.93E-09	1.72E-08
2643	625176.06	4264807.74	9.23E-08	3.17E-08	1.24E-07	7.72E-08	2.38E-08	1.01E-07	1.83E-08	6.08E-09	2.44E-08	1.42E-08	2.93E-09	1.72E-08
2644	625185.08	4264811.64	9.23E-08	3.17E-08	1.24E-07	7.72E-08	2.38E-08	1.01E-07	1.83E-08	6.08E-09	2.44E-08	1.42E-08	2.93E-09	1.72E-08
2645	625194.1	4264815.53	9.23E-08	3.17E-08	1.24E-07	7.71E-08	2.38E-08	1.01E-07	1.83E-08	6.08E-09	2.43E-08	1.42E-08	2.93E-09	1.72E-08
2646	625203.13	4264819.42	9.22E-08	3.17E-08	1.24E-07	7.70E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.93E-09	1.71E-08
2647	625212.15	4264823.31	9.20E-08	3.16E-08	1.24E-07	7.69E-08	2.37E-08	1.01E-07	1.82E-08	6.06E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
2648	625221.18	4264827.21	9.18E-08	3.16E-08	1.23E-07	7.67E-08	2.36E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
2649	625230.2	4264831.1	9.15E-08	3.15E-08	1.23E-07	7.65E-08	2.36E-08	1.00E-07	1.81E-08	6.03E-09	2.41E-08	1.41E-08	2.90E-09	1.70E-08
2650	625239.22	4264834.99	9.12E-08	3.13E-08	1.22E-07	7.62E-08	2.35E-08	9.97E-08	1.80E-08	6.01E-09	2.40E-08	1.41E-08	2.89E-09	1.70E-08
2651	625248.25	4264838.88	9.08E-08	3.12E-08	1.22E-07	7.59E-08	2.34E-08	9.92E-08	1.80E-08	5.98E-09	2.39E-08	1.40E-08	2.88E-09	1.69E-08
2652	625257.27	4264842.78	9.03E-08	3.11E-08	1.21E-07	7.55E-08	2.32E-08	9.87E-08	1.79E-08	5.95E-09	2.38E-08	1.39E-08	2.87E-09	1.68E-08
2653	625266.3	4264846.67	8.98E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
2654	625275.32	4264850.56	8.92E-08	3.07E-08	1.20E-07	7.46E-08	2.30E-08	9.76E-08	1.77E-08	5.88E-09	2.35E-08	1.38E-08	2.83E-09	1.66E-08
2655	625284.35	4264854.45	8.86E-08	3.05E-08	1.19E-07	7.41E-08	2.28E-08	9.69E-08	1.75E-08	5.84E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
2656	625293.37	4264858.34	8.80E-08	3.02E-08	1.18E-07	7.35E-08	2.26E-08	9.62E-08	1.74E-08	5.79E-09	2.32E-08	1.36E-08	2.79E-09	1.64E-08
2657	625302.39	4264862.24	8.72E-08	3.00E-08	1.17E-07	7.29E-08	2.25E-08	9.54E-08	1.73E-08	5.75E-09	2.30E-08	1.35E-08	2.77E-09	1.62E-08
2658	625311.42	4264866.13	8.65E-08	2.97E-08	1.16E-07	7.23E-08	2.23E-08	9.46E-08	1.71E-08	5.70E-09	2.28E-08	1.33E-08	2.75E-09	1.61E-08
2659	625320.44	4264870.02	8.57E-08	2.95E-08	1.15E-07	7.17E-08	2.21E-08	9.37E-08	1.70E-08	5.65E-09	2.26E-08	1.32E-08	2.72E-09	1.59E-08
2660	625329.47	4264873.91	8.49E-08	2.92E-08	1.14E-07	7.10E-08	2.19E-08	9.28E-08	1.68E-08	5.59E-09	2.24E-08	1.31E-08	2.69E-09	1.58E-08

2661	625338.49	4264877.81	8.40E-08	2.89E-08	1.13E-07	7.02E-08	2.16E-08	9.19E-08	1.66E-08	5.54E-09	2.22E-08	1.30E-08	2.67E-09	1.56E-08
2662	625347.51	4264881.7	8.32E-08	2.86E-08	1.12E-07	6.95E-08	2.14E-08	9.09E-08	1.65E-08	5.48E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
2663	625356.54	4264885.59	8.23E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	8.99E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2664	625365.56	4264889.48	8.13E-08	2.80E-08	1.09E-07	6.80E-08	2.09E-08	8.89E-08	1.61E-08	5.36E-09	2.15E-08	1.26E-08	2.58E-09	1.51E-08
2665	625374.59	4264893.38	8.04E-08	2.77E-08	1.08E-07	6.72E-08	2.07E-08	8.79E-08	1.59E-08	5.30E-09	2.12E-08	1.24E-08	2.55E-09	1.50E-08
2666	625383.61	4264897.27	7.95E-08	2.73E-08	1.07E-07	6.64E-08	2.05E-08	8.69E-08	1.57E-08	5.24E-09	2.10E-08	1.23E-08	2.52E-09	1.48E-08
2667	625392.63	4264901.16	7.85E-08	2.70E-08	1.06E-07	6.56E-08	2.02E-08	8.59E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
2668	625401.66	4264905.05	7.76E-08	2.67E-08	1.04E-07	6.48E-08	2.00E-08	8.48E-08	1.54E-08	5.11E-09	2.05E-08	1.20E-08	2.46E-09	1.44E-08
2669	625410.68	4264908.95	7.66E-08	2.63E-08	1.03E-07	6.40E-08	1.97E-08	8.37E-08	1.52E-08	5.05E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
2670	625419.71	4264912.84	7.56E-08	2.60E-08	1.02E-07	6.32E-08	1.95E-08	8.26E-08	1.50E-08	4.98E-09	1.99E-08	1.17E-08	2.40E-09	1.41E-08
2671	625428.73	4264916.73	7.46E-08	2.57E-08	1.00E-07	6.24E-08	1.92E-08	8.16E-08	1.48E-08	4.91E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
2672	625437.76	4264920.62	7.36E-08	2.53E-08	9.89E-08	6.15E-08	1.90E-08	8.05E-08	1.46E-08	4.85E-09	1.94E-08	1.14E-08	2.34E-09	1.37E-08
2673	625446.78	4264924.51	7.26E-08	2.50E-08	9.76E-08	6.07E-08	1.87E-08	7.94E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
2674	625455.8	4264928.41	7.17E-08	2.46E-08	9.63E-08	5.99E-08	1.85E-08	7.84E-08	1.42E-08	4.72E-09	1.89E-08	1.11E-08	2.27E-09	1.33E-08
2675	625464.83	4264932.3	7.07E-08	2.43E-08	9.51E-08	5.91E-08	1.82E-08	7.73E-08	1.40E-08	4.66E-09	1.87E-08	1.09E-08	2.24E-09	1.32E-08
2676	625473.85	4264936.19	6.98E-08	2.40E-08	9.38E-08	5.84E-08	1.80E-08	7.63E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.22E-09	1.30E-08
2677	625482.88	4264940.08	6.89E-08	2.37E-08	9.26E-08	5.76E-08	1.77E-08	7.54E-08	1.36E-08	4.54E-09	1.82E-08	1.06E-08	2.19E-09	1.28E-08
2678	625491.9	4264943.98	6.81E-08	2.34E-08	9.15E-08	5.69E-08	1.75E-08	7.44E-08	1.35E-08	4.48E-09	1.80E-08	1.05E-08	2.16E-09	1.27E-08
2679	625500.92	4264947.87	6.72E-08	2.31E-08	9.04E-08	5.62E-08	1.73E-08	7.35E-08	1.33E-08	4.43E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
2680	625509.95	4264951.76	6.64E-08	2.28E-08	8.93E-08	5.55E-08	1.71E-08	7.26E-08	1.31E-08	4.38E-09	1.75E-08	1.03E-08	2.11E-09	1.24E-08
2681	625518.97	4264955.65	6.56E-08	2.26E-08	8.82E-08	5.49E-08	1.69E-08	7.18E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
2682	625528	4264959.55	6.49E-08	2.23E-08	8.72E-08	5.42E-08	1.67E-08	7.09E-08	1.28E-08	4.27E-09	1.71E-08	1.00E-08	2.06E-09	1.21E-08
2683	625537.02	4264963.44	6.41E-08	2.21E-08	8.62E-08	5.36E-08	1.65E-08	7.01E-08	1.27E-08	4.23E-09	1.69E-08	9.90E-09	2.04E-09	1.19E-08
2684	625546.05	4264967.33	6.35E-08	2.18E-08	8.53E-08	5.30E-08	1.63E-08	6.94E-08	1.26E-08	4.18E-09	1.67E-08	9.79E-09	2.01E-09	1.18E-08
2685	625555.07	4264971.22	6.28E-08	2.16E-08	8.44E-08	5.25E-08	1.62E-08	6.86E-08	1.24E-08	4.14E-09	1.66E-08	9.69E-09	1.99E-09	1.17E-08
2686	625564.09	4264975.11	6.21E-08	2.14E-08	8.35E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.59E-09	1.97E-09	1.16E-08
2687	625576.73	4264988.14	6.15E-08	2.11E-08	8.26E-08	5.14E-08	1.58E-08	6.72E-08	1.22E-08	4.05E-09	1.62E-08	9.49E-09	1.95E-09	1.14E-08
2688	625580.35	4264997.28	6.15E-08	2.11E-08	8.26E-08	5.14E-08	1.58E-08	6.72E-08	1.22E-08	4.05E-09	1.62E-08	9.48E-09	1.95E-09	1.14E-08
2689	625583.97	4265006.42	6.15E-08	2.12E-08	8.27E-08	5.14E-08	1.58E-08	6.73E-08	1.22E-08	4.05E-09	1.62E-08	9.49E-09	1.95E-09	1.14E-08
2690	625587.59	4265015.56	6.16E-08	2.12E-08	8.27E-08	5.15E-08	1.59E-08	6.73E-08	1.22E-08	4.06E-09	1.62E-08	9.50E-09	1.95E-09	1.15E-08
2691	625591.2	4265024.7	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.51E-09	1.96E-09	1.15E-08
2692	625594.82	4265033.83	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.51E-09	1.96E-09	1.15E-08
2693	625598.44	4265042.97	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.51E-09	1.96E-09	1.15E-08
2694	625602.05	4265052.11	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.51E-09	1.96E-09	1.15E-08
2695	625605.67	4265061.25	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.51E-09	1.96E-09	1.15E-08
2696	625609.29	4265070.39	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.73E-08	1.22E-08	4.06E-09	1.63E-08	9.50E-09	1.95E-09	1.15E-08
2697	625612.9	4265079.52	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.73E-08	1.22E-08	4.06E-09	1.62E-08	9.50E-09	1.95E-09	1.15E-08
2698	625616.52	4265088.66	6.15E-08	2.12E-08	8.27E-08	5.14E-08	1.58E-08	6.73E-08	1.22E-08	4.05E-09	1.62E-08	9.50E-09	1.95E-09	1.14E-08
2699	625620.14	4265097.8	6.15E-08	2.11E-08	8.26E-08	5.14E-08	1.58E-08	6.72E-08	1.22E-08	4.05E-09	1.62E-08	9.49E-09	1.95E-09	1.14E-08
2700	625623.75	4265106.94	6.14E-08	2.11E-08	8.25E-08	5.13E-08	1.58E-08	6.71E-08	1.22E-08	4.05E-09	1.62E-08	9.47E-09	1.95E-09	1.14E-08
2701	625627.37	4265116.08	6.13E-08	2.11E-08	8.24E-08	5.13E-08	1.58E-08	6.70E-08	1.21E-08	4.04E-09	1.62E-08	9.46E-09	1.95E-09	1.14E-08
2702	625630.99	4265125.21	6.13E-08	2.11E-08	8.24E-08	5.12E-08	1.58E-08	6.70E-08	1.21E-08	4.04E-09	1.62E-08	9.46E-09	1.94E-09	1.14E-08
2703	625634.6	4265134.35	6.12E-08	2.11E-08	8.23E-08	5.12E-08	1.58E-08	6.70E-08	1.21E-08	4.04E-09	1.62E-08	9.45E-09	1.94E-09	1.14E-08
2704	625638.22	4265143.49	6.12E-08	2.11E-08	8.23E-08	5.12E-08	1.58E-08	6.69E-08	1.21E-08	4.03E-09	1.62E-08	9.45E-09	1.94E-09	1.14E-08
2705	625641.84	4265152.63	6.11E-08	2.10E-08	8.22E-08	5.11E-08	1.57E-08	6.69E-08	1.21E-08	4.03E-09	1.61E-08	9.44E-09	1.94E-09	1.14E-08
2706	625645.46	4265161.77	6.10E-08	2.10E-08	8.20E-08	5.10E-08	1.57E-08	6.67E-08	1.21E-08	4.02E-09	1.61E-08	9.42E-09	1.94E-09	1.14E-08
2707	625649.07	4265170.9	6.09E-08	2.10E-08	8.19E-08	5.09E-08	1.57E-08	6.66E-08	1.21E-08	4.02E-09	1.61E-08	9.40E-09	1.93E-09	1.13E-08
2708	625652.69	4265180.04	6.08E-08	2.09E-08	8.17E-08	5.08E-08	1.57E-08	6.65E-08	1.20E-08	4.01E-09	1.60E-08	9.39E-09	1.93E-09	1.13E-08
2709	625656.31	4265189.18	6.07E-08	2.09E-08	8.16E-08	5.07E-08	1.56E-08	6.64E-08	1.20E-08	4.00E-09	1.60E-08	9.37E-09	1.93E-09	1.13E-08
2710	625659.92	4265198.32	6.06E-08	2.08E-08	8.14E-08	5.06E-08	1.56E-08	6.62E-08	1.20E-08	3.99E-09	1.60E-08	9.35E-09	1.92E-09	1.13E-08
2711	625663.54	4265207.46	6.04E-08	2.08E-08	8.12E-08	5.05E-08	1.56E-08	6.61E-08	1.20E-08	3.98E-09	1.59E-08	9.32E-09	1.92E-09	1.12E-08
2712	625667.16	4265216.6	6.03E-08	2.07E-08	8.10E-08	5.04E-08	1.55E-08	6.59E-08	1.19E-08	3.97E-09	1.59E-08	9.30E-09	1.91E-09	1.12E-08
2713	625670.77	4265225.73	6.01E-08	2.07E-08	8.08E-08	5.02E-08	1.55E-08	6.57E-08	1.19E-08	3.96E-09	1.59E-08	9.27E-09	1.91E-09	1.12E-08
2714	625674.39	4265234.87	5.99E-08	2.06E-08	8.05E-08	5.01E-08	1.54E-08	6.55E-08	1.19E-08	3.95E-09	1.58E-08	9.25E-09	1.90E-09	1.11E-08
2715	625678.01	4265244.01	5.97E-08	2.05E-08	8.03E-08	4.99E-08	1.54E-08	6.53E-08	1.18E-08	3.94E-09	1.58E-08	9.22E-09	1.90E-09	1.11E-08
2716	625681.62	4265253.15	5.95E-08	2.05E-08	8.00E-08	4.98E-08	1.53E-08	6.51E-08	1.18E-08	3.92E-09	1.57E-08	9.18E-09	1.89E-09	1.11E-08
2717	625685.24	4265262.29	5.93E-08	2.04E-08	7.97E-08	4.96E-08	1.53E-08	6.49E-08	1.17E-08	3.91E-09	1.56E-08	9.15E-09	1.88E-09	1.10E-08
2718	625688.86	4265271.42	5.91E-08	2.03E-08	7.94E-08	4.94E-08	1.52E-08	6.46E-08	1.17E-08	3.89E-09	1.56E-08	9.12E-09	1.88E-09	1.10E-08
2719	625692.47	4265280.56	5.89E-08	2.02E-08	7.91E-08	4.92E-08	1.52E-08	6.44E-08	1.17E-08	3.88E-09	1.55E-08	9.08E-09	1.87E-09	1.10E-08
2720	625696.09	4265289.7	5.86E-08	2.02E-08	7.88E-08	4.90E-08	1.51E-08	6.41E-08	1.16E-08	3.86E-09	1.55E-08	9.05E-09	1.86E-09	1.09E-08
2721	625699.71	4265298.84	5.84E-08	2.01E-08	7.85E-08	4.88E-08	1.50E-08	6.38E-08	1.16E-08	3.85E-09	1.54E-08	9.01E-09	1.85E-09	1.09E-08
2722	625703.33	4265307.98	5.81E-08	2.00E-08	7.81E-08	4.86E-08	1.50E-08	6.35E-08	1.15E-08	3.83E-09	1.53E-08	8.97E-09	1.84E-09	1.08E-08
2723	625706.94	4265317.11	5.79E-08	1.99E-08	7.77E-08	4.84E-08	1.49E-08	6.33E-08	1.15E-08	3.81E-09	1.53E-08	8.93E-09	1.84E-09	1.08E-08
2724	625710.56	4265326.25	5.76E-08	1.98E-08	7.74E-08	4.81E-08	1.48E-08	6.30E-08	1.14E-08	3.79E-09	1.52E-08	8.88E-09	1.83E-09	1.07E-08
2725	625714.18	4265335.39	5.73E-08	1.97E-08	7.70E-08	4.79E-08	1.48E-08	6.26E-08	1.13E-08	3.78E-09	1.51E-08	8.84E-09	1.82E-09	1.07E-08
2726	625717.79	4265344.53	5.70E-08	1.96E-08	7.66E-08	4.77E-08	1.47E-08	6.23E-08	1.13E-08	3.76E-09	1.50E-08	8.80E-09	1.81E-09	1.06E-08
2727	625721.41	4265353.67	5.67E-08	1.95E-08	7.62E-08	4.74E-08	1.46E-08	6.20E-08	1.12E-08	3.74E-09	1.50E-08	8.75E-09	1.80E-09	1.06E-08
2728	625725.03	4265362.8	5.64E-08	1.94E-08	7.58E-08	4.72E-08	1.45E-08	6.17E-08	1.12E-08	3.72E-09	1.49E-08	8.71E-09	1.79E-09	1.05E-08
2729	625728.64	4265371.94	5.61E-08	1.93E-08	7.54E-08	4.69E-08	1.45E-08	6.14E-08	1.11E-08	3.70E-09	1.48E-08	8.66E-09	1.78E-09	1.04E-08
2730	625732.26	4265381.08	5.58E-08	1.92E-08	7.50E-08	4.67E-08	1.44E-08	6.10E-08	1.10E-08	3.68E-09	1.47E-08	8.61E-09	1.77E-09	1.04E-08
2731	625735.88	4265390.22	5.55E-08	1.91E-08	7.46E-08	4.64E-08	1.43E-08	6.07E-08	1.10E-08	3.66E-09	1.46E-08	8.57E-09	1.76E-09	1.03E-08
2732	625739.49	4265399.36	5.52E-08	1.90E-08	7.42E-08	4.61E-08	1.42E-08	6.04E-08	1.09E-08	3.64E-09	1.46E-08	8.52E-09	1.75E-09	1.03E-08

2733	625743.11	4265408.49	5.49E-08	1.89E-08	7.38E-08	4.59E-08	1.41E-08	6.00E-08	1.09E-08	3.62E-09	1.45E-08	8.47E-09	1.74E-09	1.02E-08
2734	625746.73	4265417.63	5.46E-08	1.88E-08	7.34E-08	4.56E-08	1.41E-08	5.97E-08	1.08E-08	3.60E-09	1.44E-08	8.42E-09	1.73E-09	1.02E-08
2735	625750.34	4265426.77	5.43E-08	1.87E-08	7.30E-08	4.54E-08	1.40E-08	5.93E-08	1.07E-08	3.58E-09	1.43E-08	8.38E-09	1.72E-09	1.01E-08
2736	625753.96	4265435.91	5.40E-08	1.86E-08	7.25E-08	4.51E-08	1.39E-08	5.90E-08	1.07E-08	3.56E-09	1.42E-08	8.33E-09	1.71E-09	1.00E-08
2737	625757.58	4265445.05	5.37E-08	1.85E-08	7.21E-08	4.49E-08	1.38E-08	5.87E-08	1.06E-08	3.54E-09	1.42E-08	8.28E-09	1.70E-09	9.98E-09
2738	625761.2	4265454.18	5.34E-08	1.83E-08	7.17E-08	4.46E-08	1.37E-08	5.83E-08	1.06E-08	3.52E-09	1.41E-08	8.23E-09	1.69E-09	9.93E-09
2739	625764.81	4265463.32	5.30E-08	1.82E-08	7.13E-08	4.43E-08	1.37E-08	5.80E-08	1.05E-08	3.49E-09	1.40E-08	8.18E-09	1.68E-09	9.87E-09
2740	625768.43	4265472.46	5.27E-08	1.81E-08	7.08E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.13E-09	1.67E-09	9.80E-09
2741	625772.05	4265481.6	5.24E-08	1.80E-08	7.04E-08	4.38E-08	1.35E-08	5.72E-08	1.04E-08	3.45E-09	1.38E-08	8.08E-09	1.66E-09	9.74E-09
2742	625775.66	4265490.74	5.20E-08	1.79E-08	6.99E-08	4.35E-08	1.34E-08	5.69E-08	1.03E-08	3.43E-09	1.37E-08	8.03E-09	1.65E-09	9.68E-09
2743	625779.28	4265499.87	5.17E-08	1.78E-08	6.94E-08	4.32E-08	1.33E-08	5.65E-08	1.02E-08	3.40E-09	1.36E-08	7.97E-09	1.64E-09	9.61E-09
2744	625782.9	4265509.01	5.13E-08	1.76E-08	6.90E-08	4.29E-08	1.32E-08	5.61E-08	1.02E-08	3.38E-09	1.35E-08	7.92E-09	1.63E-09	9.55E-09
2745	625786.51	4265518.15	5.09E-08	1.75E-08	6.85E-08	4.26E-08	1.31E-08	5.57E-08	1.01E-08	3.36E-09	1.34E-08	7.86E-09	1.62E-09	9.48E-09
2746	625790.13	4265527.29	5.06E-08	1.74E-08	6.80E-08	4.23E-08	1.30E-08	5.53E-08	1.00E-08	3.33E-09	1.33E-08	7.80E-09	1.60E-09	9.41E-09
2747	625793.75	4265536.43	5.02E-08	1.73E-08	6.74E-08	4.19E-08	1.29E-08	5.49E-08	9.93E-09	3.31E-09	1.32E-08	7.74E-09	1.59E-09	9.34E-09
2748	625797.36	4265545.56	4.98E-08	1.71E-08	6.69E-08	4.16E-08	1.28E-08	5.45E-08	9.86E-09	3.28E-09	1.31E-08	7.69E-09	1.58E-09	9.27E-09
2749	625800.98	4265554.7	4.94E-08	1.70E-08	6.64E-08	4.13E-08	1.27E-08	5.40E-08	9.78E-09	3.26E-09	1.30E-08	7.63E-09	1.57E-09	9.19E-09
2750	625804.6	4265563.84	4.90E-08	1.69E-08	6.59E-08	4.10E-08	1.26E-08	5.36E-08	9.70E-09	3.23E-09	1.29E-08	7.56E-09	1.56E-09	9.12E-09
2751	625808.22	4265572.98	4.86E-08	1.67E-08	6.53E-08	4.06E-08	1.25E-08	5.31E-08	9.62E-09	3.20E-09	1.28E-08	7.50E-09	1.54E-09	9.04E-09
2752	625811.83	4265582.12	4.82E-08	1.66E-08	6.47E-08	4.03E-08	1.24E-08	5.27E-08	9.54E-09	3.17E-09	1.27E-08	7.43E-09	1.53E-09	8.96E-09
2753	625815.45	4265591.25	4.77E-08	1.64E-08	6.42E-08	3.99E-08	1.23E-08	5.22E-08	9.45E-09	3.15E-09	1.26E-08	7.37E-09	1.52E-09	8.88E-09
2754	625819.07	4265600.39	4.73E-08	1.63E-08	6.36E-08	3.95E-08	1.22E-08	5.17E-08	9.36E-09	3.12E-09	1.25E-08	7.30E-09	1.50E-09	8.80E-09
2755	625822.68	4265609.53	4.68E-08	1.61E-08	6.29E-08	3.92E-08	1.21E-08	5.12E-08	9.27E-09	3.09E-09	1.24E-08	7.23E-09	1.49E-09	8.71E-09
2756	625826.3	4265618.67	4.64E-08	1.59E-08	6.23E-08	3.88E-08	1.19E-08	5.07E-08	9.18E-09	3.06E-09	1.22E-08	7.16E-09	1.47E-09	8.63E-09
2757	625829.92	4265627.81	4.59E-08	1.58E-08	6.17E-08	3.84E-08	1.18E-08	5.02E-08	9.08E-09	3.02E-09	1.21E-08	7.08E-09	1.46E-09	8.54E-09
2758	625833.53	4265636.94	4.54E-08	1.56E-08	6.10E-08	3.80E-08	1.17E-08	4.96E-08	8.99E-09	2.99E-09	1.20E-08	7.01E-09	1.44E-09	8.45E-09
2759	625837.15	4265646.08	4.49E-08	1.54E-08	6.04E-08	3.75E-08	1.16E-08	4.91E-08	8.89E-09	2.96E-09	1.18E-08	6.93E-09	1.43E-09	8.36E-09
2760	625840.77	4265655.22	4.44E-08	1.53E-08	5.97E-08	3.71E-08	1.14E-08	4.86E-08	8.79E-09	2.93E-09	1.17E-08	6.85E-09	1.41E-09	8.26E-09
2761	625844.38	4265664.36	4.39E-08	1.51E-08	5.90E-08	3.67E-08	1.13E-08	4.80E-08	8.69E-09	2.89E-09	1.16E-08	6.78E-09	1.39E-09	8.17E-09
2762	625848	4265673.5	4.34E-08	1.49E-08	5.83E-08	3.63E-08	1.12E-08	4.75E-08	8.59E-09	2.86E-09	1.15E-08	6.70E-09	1.38E-09	8.08E-09
2763	625851.62	4265682.63	4.29E-08	1.48E-08	5.77E-08	3.59E-08	1.10E-08	4.69E-08	8.49E-09	2.83E-09	1.13E-08	6.62E-09	1.36E-09	7.98E-09
2764	624869.24	4264675.41	7.12E-08	2.45E-08	9.56E-08	5.95E-08	1.83E-08	7.78E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.32E-08
2765	624859.33	4264675.27	7.09E-08	2.44E-08	9.53E-08	5.93E-08	1.83E-08	7.75E-08	1.40E-08	4.67E-09	1.87E-08	1.09E-08	2.25E-09	1.32E-08
2766	624849.42	4264675.13	7.07E-08	2.43E-08	9.50E-08	5.91E-08	1.82E-08	7.73E-08	1.40E-08	4.66E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
2767	624839.51	4264674.99	7.04E-08	2.42E-08	9.47E-08	5.89E-08	1.81E-08	7.70E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
2768	624829.6	4264674.86	7.02E-08	2.41E-08	9.44E-08	5.87E-08	1.81E-08	7.68E-08	1.39E-08	4.63E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
2769	624819.69	4264674.72	7.00E-08	2.41E-08	9.41E-08	5.85E-08	1.80E-08	7.65E-08	1.39E-08	4.61E-09	1.85E-08	1.08E-08	2.22E-09	1.30E-08
2770	624809.78	4264674.58	6.98E-08	2.40E-08	9.38E-08	5.83E-08	1.80E-08	7.63E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.21E-09	1.30E-08
2771	624799.87	4264674.44	6.96E-08	2.39E-08	9.35E-08	5.82E-08	1.79E-08	7.61E-08	1.38E-08	4.59E-09	1.84E-08	1.07E-08	2.21E-09	1.29E-08
2772	624789.96	4264674.31	6.94E-08	2.39E-08	9.32E-08	5.80E-08	1.79E-08	7.59E-08	1.37E-08	4.57E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
2773	624780.06	4264674.17	6.92E-08	2.38E-08	9.30E-08	5.78E-08	1.78E-08	7.56E-08	1.37E-08	4.56E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
2774	624770.15	4264674.03	6.90E-08	2.37E-08	9.27E-08	5.77E-08	1.78E-08	7.54E-08	1.37E-08	4.55E-09	1.82E-08	1.06E-08	2.19E-09	1.28E-08
2775	624760.24	4264673.89	6.88E-08	2.37E-08	9.25E-08	5.75E-08	1.77E-08	7.52E-08	1.36E-08	4.53E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
2776	624750.33	4264673.76	6.86E-08	2.36E-08	9.22E-08	5.73E-08	1.77E-08	7.50E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
2777	624740.42	4264673.62	6.84E-08	2.35E-08	9.19E-08	5.72E-08	1.76E-08	7.48E-08	1.35E-08	4.51E-09	1.80E-08	1.06E-08	2.17E-09	1.27E-08
2778	624730.51	4264673.48	6.82E-08	2.35E-08	9.17E-08	5.70E-08	1.76E-08	7.46E-08	1.35E-08	4.49E-09	1.80E-08	1.05E-08	2.17E-09	1.27E-08
2779	624720.6	4264673.35	6.80E-08	2.34E-08	9.14E-08	5.69E-08	1.75E-08	7.44E-08	1.35E-08	4.48E-09	1.79E-08	1.05E-08	2.16E-09	1.27E-08
2780	624710.69	4264673.21	6.78E-08	2.33E-08	9.12E-08	5.67E-08	1.75E-08	7.42E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
2781	624700.79	4264673.07	6.76E-08	2.33E-08	9.09E-08	5.65E-08	1.74E-08	7.39E-08	1.34E-08	4.46E-09	1.78E-08	1.04E-08	2.15E-09	1.26E-08
2782	624690.88	4264672.93	6.74E-08	2.32E-08	9.06E-08	5.64E-08	1.74E-08	7.37E-08	1.33E-08	4.44E-09	1.78E-08	1.04E-08	2.14E-09	1.25E-08
2783	624680.97	4264672.8	6.72E-08	2.31E-08	9.03E-08	5.62E-08	1.73E-08	7.35E-08	1.33E-08	4.43E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
2784	624671.06	4264672.66	6.69E-08	2.30E-08	9.00E-08	5.60E-08	1.72E-08	7.32E-08	1.33E-08	4.41E-09	1.77E-08	1.03E-08	2.12E-09	1.25E-08
2785	624661.15	4264672.52	6.67E-08	2.29E-08	8.96E-08	5.57E-08	1.72E-08	7.29E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
2786	624651.24	4264672.38	6.64E-08	2.28E-08	8.92E-08	5.55E-08	1.71E-08	7.26E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.11E-09	1.24E-08
2787	624641.33	4264672.25	6.61E-08	2.27E-08	8.88E-08	5.52E-08	1.70E-08	7.22E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
2788	624631.42	4264672.11	6.57E-08	2.26E-08	8.84E-08	5.50E-08	1.69E-08	7.19E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.09E-09	1.22E-08
2789	624621.52	4264671.97	6.54E-08	2.25E-08	8.79E-08	5.46E-08	1.68E-08	7.15E-08	1.29E-08	4.31E-09	1.72E-08	1.01E-08	2.07E-09	1.22E-08
2790	624611.61	4264671.83	6.50E-08	2.23E-08	8.73E-08	5.43E-08	1.67E-08	7.10E-08	1.29E-08	4.28E-09	1.71E-08	1.00E-08	2.06E-09	1.21E-08
2791	624601.7	4264671.7	6.45E-08	2.22E-08	8.67E-08	5.39E-08	1.66E-08	7.05E-08	1.28E-08	4.25E-09	1.70E-08	9.96E-09	2.05E-09	1.20E-08
2792	624591.79	4264671.56	6.41E-08	2.20E-08	8.61E-08	5.36E-08	1.65E-08	7.00E-08	1.27E-08	4.22E-09	1.69E-08	9.89E-09	2.03E-09	1.19E-08
2793	624581.88	4264671.42	6.36E-08	2.19E-08	8.55E-08	5.32E-08	1.64E-08	6.95E-08	1.26E-08	4.19E-09	1.68E-08	9.81E-09	2.02E-09	1.18E-08
2794	624571.97	4264671.28	6.31E-08	2.17E-08	8.48E-08	5.27E-08	1.62E-08	6.90E-08	1.25E-08	4.16E-09	1.66E-08	9.74E-09	2.00E-09	1.17E-08
2795	624562.06	4264671.15	6.26E-08	2.15E-08	8.41E-08	5.23E-08	1.61E-08	6.84E-08	1.24E-08	4.12E-09	1.65E-08	9.66E-09	1.99E-09	1.16E-08
2796	624552.15	4264671.01	6.21E-08	2.13E-08	8.34E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.58E-09	1.97E-09	1.15E-08
2797	624542.24	4264670.87	6.15E-08	2.12E-08	8.27E-08	5.14E-08	1.58E-08	6.73E-08	1.22E-08	4.05E-09	1.62E-08	9.49E-09	1.95E-09	1.14E-08
2798	624532.34	4264670.73	6.09E-08	2.10E-08	8.19E-08	5.09E-08	1.57E-08	6.66E-08	1.21E-08	4.02E-09	1.61E-08	9.40E-09	1.93E-09	1.13E-08
2799	624522.43	4264670.6	6.04E-08	2.08E-08	8.11E-08	5.05E-08	1.55E-08	6.60E-08	1.19E-08	3.98E-09	1.59E-08	9.32E-09	1.92E-09	1.12E-08
2800	624512.52	4264670.46	5.98E-08	2.06E-08	8.03E-08	5.00E-08	1.54E-08	6.54E-08	1.18E-08	3.94E-09	1.58E-08	9.23E-09	1.90E-09	1.11E-08
2801	624502.61	4264670.32	5.92E-08	2.04E-08	7.95E-08	4.95E-08	1.52E-08	6.47E-08	1.17E-08	3.90E-09	1.56E-08	9.13E-09	1.88E-09	1.10E-08
2802	624492.7	4264670.18	5.86E-08	2.01E-08	7.87E-08	4.90E-08	1.51E-08	6.41E-08	1.16E-08	3.86E-09	1.55E-08	9.04E-09	1.86E-09	1.09E-08
2803	624482.79	4264670.05	5.80E-08	1.99E-08	7.79E-08	4.85E-08	1.49E-08	6.34E-08	1.15E-08	3.82E-09	1.53E-08	8.95E-09	1.84E-09	1.08E-08
2804	624472.88	4264669.91	5.74E-08	1.97E-08	7.71E-08	4.80E-08	1.48E-08	6.27E-08	1.14E-08	3.78E-09	1.51E-08	8.85E-09	1.82E-09	1.07E-08

2805	624462.97	4264669.77	5.68E-08	1.95E-08	7.63E-08	4.75E-08	1.46E-08	6.21E-08	1.12E-08	3.74E-09	1.50E-08	8.77E-09	1.80E-09	1.06E-08
2806	624453.07	4264669.64	5.62E-08	1.93E-08	7.56E-08	4.70E-08	1.45E-08	6.15E-08	1.11E-08	3.71E-09	1.48E-08	8.68E-09	1.78E-09	1.05E-08
2807	624443.16	4264669.5	5.57E-08	1.92E-08	7.48E-08	4.66E-08	1.43E-08	6.09E-08	1.10E-08	3.67E-09	1.47E-08	8.59E-09	1.77E-09	1.04E-08
2808	624433.25	4264669.36	5.52E-08	1.90E-08	7.41E-08	4.61E-08	1.42E-08	6.03E-08	1.09E-08	3.63E-09	1.45E-08	8.51E-09	1.75E-09	1.03E-08
2809	624423.34	4264669.22	5.46E-08	1.88E-08	7.34E-08	4.56E-08	1.41E-08	5.97E-08	1.08E-08	3.60E-09	1.44E-08	8.43E-09	1.73E-09	1.02E-08
2810	624413.43	4264669.09	5.41E-08	1.86E-08	7.27E-08	4.52E-08	1.39E-08	5.91E-08	1.07E-08	3.56E-09	1.43E-08	8.35E-09	1.72E-09	1.01E-08
2811	624403.52	4264668.95	5.36E-08	1.84E-08	7.20E-08	4.48E-08	1.38E-08	5.86E-08	1.06E-08	3.53E-09	1.41E-08	8.27E-09	1.70E-09	9.97E-09
2812	624393.61	4264668.81	5.31E-08	1.83E-08	7.13E-08	4.44E-08	1.37E-08	5.80E-08	1.05E-08	3.50E-09	1.40E-08	8.19E-09	1.68E-09	9.87E-09
2813	624383.7	4264668.67	5.26E-08	1.81E-08	7.07E-08	4.40E-08	1.35E-08	5.75E-08	1.04E-08	3.46E-09	1.39E-08	8.11E-09	1.67E-09	9.78E-09
2814	624373.8	4264668.54	5.21E-08	1.79E-08	7.00E-08	4.36E-08	1.34E-08	5.70E-08	1.03E-08	3.43E-09	1.37E-08	8.04E-09	1.65E-09	9.69E-09
2815	624879.62	4264579.3	6.23E-08	2.14E-08	8.37E-08	5.20E-08	1.60E-08	6.81E-08	1.23E-08	4.10E-09	1.64E-08	9.61E-09	1.98E-09	1.16E-08
2816	624888.63	4264583.18	6.28E-08	2.16E-08	8.43E-08	5.25E-08	1.62E-08	6.86E-08	1.24E-08	4.14E-09	1.66E-08	9.68E-09	1.99E-09	1.17E-08
2817	624897.63	4264587.07	6.33E-08	2.18E-08	8.50E-08	5.29E-08	1.63E-08	6.92E-08	1.25E-08	4.17E-09	1.67E-08	9.76E-09	2.01E-09	1.18E-08
2818	624906.63	4264590.95	6.38E-08	2.19E-08	8.58E-08	5.33E-08	1.64E-08	6.98E-08	1.26E-08	4.20E-09	1.68E-08	9.85E-09	2.03E-09	1.19E-08
2819	624915.64	4264594.83	6.44E-08	2.21E-08	8.65E-08	5.38E-08	1.66E-08	7.04E-08	1.27E-08	4.24E-09	1.70E-08	9.93E-09	2.04E-09	1.20E-08
2820	624924.64	4264598.72	6.49E-08	2.23E-08	8.73E-08	5.43E-08	1.67E-08	7.10E-08	1.29E-08	4.28E-09	1.71E-08	1.00E-08	2.06E-09	1.21E-08
2821	624933.64	4264602.6	6.55E-08	2.25E-08	8.80E-08	5.47E-08	1.69E-08	7.16E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
2822	624942.65	4264606.48	6.61E-08	2.27E-08	8.88E-08	5.52E-08	1.70E-08	7.22E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
2823	624951.65	4264610.37	6.67E-08	2.29E-08	8.96E-08	5.57E-08	1.72E-08	7.29E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
2824	624960.65	4264614.25	6.73E-08	2.31E-08	9.04E-08	5.62E-08	1.73E-08	7.35E-08	1.33E-08	4.43E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
2825	624969.66	4264618.13	6.79E-08	2.33E-08	9.12E-08	5.67E-08	1.75E-08	7.42E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
2826	624978.66	4264622.01	6.85E-08	2.36E-08	9.21E-08	5.73E-08	1.76E-08	7.49E-08	1.36E-08	4.51E-09	1.81E-08	1.06E-08	2.17E-09	1.27E-08
2827	624987.66	4264625.9	6.92E-08	2.38E-08	9.30E-08	5.78E-08	1.78E-08	7.56E-08	1.37E-08	4.56E-09	1.82E-08	1.07E-08	2.20E-09	1.29E-08
2828	624996.67	4264629.78	6.98E-08	2.40E-08	9.38E-08	5.84E-08	1.80E-08	7.63E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.22E-09	1.30E-08
2829	625005.67	4264633.66	7.05E-08	2.42E-08	9.47E-08	5.89E-08	1.81E-08	7.71E-08	1.40E-08	4.64E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
2830	625014.67	4264637.55	7.12E-08	2.45E-08	9.56E-08	5.95E-08	1.83E-08	7.78E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.32E-08
2831	625023.68	4264641.43	7.18E-08	2.47E-08	9.66E-08	6.01E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
2832	625032.68	4264645.31	7.25E-08	2.49E-08	9.75E-08	6.06E-08	1.87E-08	7.93E-08	1.44E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
2833	625041.68	4264649.2	7.32E-08	2.52E-08	9.84E-08	6.12E-08	1.89E-08	8.01E-08	1.45E-08	4.82E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
2834	625050.68	4264653.08	7.39E-08	2.54E-08	9.93E-08	6.18E-08	1.90E-08	8.08E-08	1.46E-08	4.87E-09	1.95E-08	1.14E-08	2.35E-09	1.38E-08
2835	625059.69	4264656.96	7.46E-08	2.57E-08	1.00E-07	6.24E-08	1.92E-08	8.16E-08	1.48E-08	4.91E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
2836	625068.69	4264660.85	7.53E-08	2.59E-08	1.01E-07	6.29E-08	1.94E-08	8.23E-08	1.49E-08	4.96E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
2837	625077.69	4264664.73	7.59E-08	2.61E-08	1.02E-07	6.35E-08	1.96E-08	8.30E-08	1.50E-08	5.00E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
2838	625086.7	4264668.61	7.66E-08	2.63E-08	1.03E-07	6.40E-08	1.97E-08	8.38E-08	1.52E-08	5.05E-09	2.02E-08	1.18E-08	2.43E-09	1.43E-08
2839	625095.7	4264672.5	7.72E-08	2.66E-08	1.04E-07	6.46E-08	1.99E-08	8.45E-08	1.53E-08	5.09E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
2840	625104.7	4264676.38	7.79E-08	2.68E-08	1.05E-07	6.51E-08	2.00E-08	8.51E-08	1.54E-08	5.13E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
2841	625113.71	4264680.26	7.85E-08	2.70E-08	1.05E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
2842	625122.71	4264684.15	7.90E-08	2.72E-08	1.06E-07	6.60E-08	2.03E-08	8.64E-08	1.56E-08	5.21E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
2843	625131.71	4264688.03	7.95E-08	2.74E-08	1.07E-07	6.65E-08	2.05E-08	8.70E-08	1.57E-08	5.24E-09	2.10E-08	1.23E-08	2.52E-09	1.48E-08
2844	625140.72	4264691.91	8.00E-08	2.75E-08	1.08E-07	6.69E-08	2.06E-08	8.75E-08	1.58E-08	5.27E-09	2.11E-08	1.24E-08	2.54E-09	1.49E-08
2845	625149.72	4264695.8	8.05E-08	2.77E-08	1.08E-07	6.73E-08	2.07E-08	8.80E-08	1.59E-08	5.30E-09	2.12E-08	1.24E-08	2.55E-09	1.50E-08
2846	625158.72	4264699.68	8.09E-08	2.78E-08	1.09E-07	6.76E-08	2.08E-08	8.84E-08	1.60E-08	5.33E-09	2.13E-08	1.25E-08	2.57E-09	1.50E-08
2847	625167.73	4264703.56	8.12E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.88E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
2848	625176.73	4264707.45	8.16E-08	2.80E-08	1.10E-07	6.82E-08	2.10E-08	8.92E-08	1.61E-08	5.37E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
2849	625185.73	4264711.33	8.18E-08	2.81E-08	1.10E-07	6.84E-08	2.11E-08	8.95E-08	1.62E-08	5.39E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
2850	625194.73	4264715.21	8.20E-08	2.82E-08	1.10E-07	6.86E-08	2.11E-08	8.97E-08	1.62E-08	5.40E-09	2.16E-08	1.27E-08	2.60E-09	1.53E-08
2851	625203.74	4264719.1	8.22E-08	2.83E-08	1.10E-07	6.87E-08	2.12E-08	8.99E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2852	625212.74	4264722.98	8.23E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	9.00E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2853	625221.74	4264726.86	8.24E-08	2.83E-08	1.11E-07	6.89E-08	2.12E-08	9.01E-08	1.63E-08	5.43E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2854	625230.75	4264730.75	8.24E-08	2.83E-08	1.11E-07	6.89E-08	2.12E-08	9.01E-08	1.63E-08	5.43E-09	2.17E-08	1.27E-08	2.62E-09	1.53E-08
2855	625239.75	4264734.63	8.24E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	9.00E-08	1.63E-08	5.43E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2856	625248.75	4264738.51	8.23E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	8.99E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2857	625257.76	4264742.4	8.21E-08	2.82E-08	1.10E-07	6.86E-08	2.11E-08	8.98E-08	1.62E-08	5.41E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
2858	625266.76	4264746.28	8.19E-08	2.82E-08	1.10E-07	6.85E-08	2.11E-08	8.95E-08	1.62E-08	5.40E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
2859	625275.76	4264750.16	8.17E-08	2.81E-08	1.10E-07	6.83E-08	2.10E-08	8.93E-08	1.62E-08	5.38E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
2860	625284.77	4264754.05	8.14E-08	2.80E-08	1.09E-07	6.80E-08	2.09E-08	8.90E-08	1.61E-08	5.36E-09	2.15E-08	1.26E-08	2.58E-09	1.51E-08
2861	625293.77	4264757.93	8.10E-08	2.79E-08	1.09E-07	6.77E-08	2.09E-08	8.86E-08	1.60E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
2862	625302.77	4264761.81	8.06E-08	2.77E-08	1.08E-07	6.74E-08	2.08E-08	8.82E-08	1.60E-08	5.31E-09	2.13E-08	1.24E-08	2.56E-09	1.50E-08
2863	625311.78	4264765.7	8.02E-08	2.76E-08	1.08E-07	6.70E-08	2.07E-08	8.77E-08	1.59E-08	5.28E-09	2.12E-08	1.24E-08	2.55E-09	1.49E-08
2864	625320.78	4264769.58	7.97E-08	2.74E-08	1.07E-07	6.66E-08	2.05E-08	8.72E-08	1.58E-08	5.25E-09	2.10E-08	1.23E-08	2.53E-09	1.48E-08
2865	625329.78	4264773.46	7.92E-08	2.72E-08	1.06E-07	6.62E-08	2.04E-08	8.66E-08	1.57E-08	5.22E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
2866	625338.79	4264777.35	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.60E-08	1.56E-08	5.18E-09	2.08E-08	1.21E-08	2.50E-09	1.46E-08
2867	625347.79	4264781.23	7.81E-08	2.68E-08	1.05E-07	6.53E-08	2.01E-08	8.54E-08	1.55E-08	5.14E-09	2.06E-08	1.20E-08	2.48E-09	1.45E-08
2868	625356.79	4264785.11	7.74E-08	2.66E-08	1.04E-07	6.47E-08	1.99E-08	8.47E-08	1.53E-08	5.10E-09	2.04E-08	1.20E-08	2.46E-09	1.44E-08
2869	625365.79	4264789	7.68E-08	2.64E-08	1.03E-07	6.42E-08	1.98E-08	8.40E-08	1.52E-08	5.06E-09	2.03E-08	1.18E-08	2.44E-09	1.43E-08
2870	625374.8	4264792.88	7.61E-08	2.62E-08	1.02E-07	6.36E-08	1.96E-08	8.32E-08	1.51E-08	5.01E-09	2.01E-08	1.17E-08	2.42E-09	1.42E-08
2871	625383.8	4264796.76	7.54E-08	2.59E-08	1.01E-07	6.30E-08	1.94E-08	8.24E-08	1.49E-08	4.96E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
2872	625392.8	4264800.64	7.46E-08	2.57E-08	1.00E-07	6.24E-08	1.92E-08	8.16E-08	1.48E-08	4.91E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
2873	625401.81	4264804.53	7.38E-08	2.54E-08	9.92E-08	6.17E-08	1.90E-08	8.07E-08	1.46E-08	4.86E-09	1.95E-08	1.14E-08	2.34E-09	1.37E-08
2874	625410.81	4264808.41	7.30E-08	2.51E-08	9.82E-08	6.11E-08	1.88E-08	7.99E-08	1.45E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
2875	625419.81	4264812.29	7.22E-08	2.48E-08	9.71E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.11E-08	2.29E-09	1.34E-08
2876	625428.82	4264816.18	7.14E-08	2.45E-08	9.59E-08	5.97E-08	1.84E-08	7.80E-08	1.41E-08	4.70E-09	1.88E-08	1.10E-08	2.27E-09	1.33E-08

2877	625437.82	4264820.06	7.05E-08	2.43E-08	9.48E-08	5.90E-08	1.82E-08	7.71E-08	1.40E-08	4.65E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
2878	625446.82	4264823.94	6.97E-08	2.40E-08	9.37E-08	5.83E-08	1.79E-08	7.62E-08	1.38E-08	4.59E-09	1.84E-08	1.08E-08	2.21E-09	1.30E-08
2879	625455.83	4264827.83	6.89E-08	2.37E-08	9.26E-08	5.76E-08	1.77E-08	7.53E-08	1.36E-08	4.54E-09	1.82E-08	1.06E-08	2.19E-09	1.28E-08
2880	625464.83	4264831.71	6.81E-08	2.34E-08	9.15E-08	5.69E-08	1.75E-08	7.44E-08	1.35E-08	4.48E-09	1.80E-08	1.05E-08	2.16E-09	1.27E-08
2881	625473.83	4264835.59	6.72E-08	2.31E-08	9.03E-08	5.62E-08	1.73E-08	7.35E-08	1.33E-08	4.43E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
2882	625482.84	4264839.48	6.63E-08	2.28E-08	8.91E-08	5.54E-08	1.71E-08	7.25E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
2883	625491.84	4264843.36	6.55E-08	2.25E-08	8.80E-08	5.47E-08	1.69E-08	7.16E-08	1.30E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
2884	625500.84	4264847.24	6.47E-08	2.22E-08	8.69E-08	5.41E-08	1.67E-08	7.07E-08	1.28E-08	4.26E-09	1.71E-08	9.98E-09	2.05E-09	1.20E-08
2885	625509.85	4264851.13	6.39E-08	2.20E-08	8.59E-08	5.34E-08	1.64E-08	6.99E-08	1.26E-08	4.21E-09	1.69E-08	9.86E-09	2.03E-09	1.19E-08
2886	625518.85	4264855.01	6.31E-08	2.17E-08	8.48E-08	5.28E-08	1.63E-08	6.90E-08	1.25E-08	4.16E-09	1.67E-08	9.74E-09	2.00E-09	1.17E-08
2887	625527.85	4264858.89	6.24E-08	2.14E-08	8.38E-08	5.21E-08	1.61E-08	6.82E-08	1.23E-08	4.11E-09	1.65E-08	9.62E-09	1.98E-09	1.16E-08
2888	625536.85	4264862.78	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.51E-09	1.96E-09	1.15E-08
2889	625545.86	4264866.66	6.09E-08	2.09E-08	8.18E-08	5.09E-08	1.57E-08	6.65E-08	1.20E-08	4.01E-09	1.61E-08	9.39E-09	1.93E-09	1.13E-08
2890	625554.86	4264870.54	6.01E-08	2.07E-08	8.08E-08	5.03E-08	1.55E-08	6.57E-08	1.19E-08	3.96E-09	1.59E-08	9.28E-09	1.91E-09	1.12E-08
2891	625563.86	4264874.43	5.94E-08	2.04E-08	7.99E-08	4.97E-08	1.53E-08	6.50E-08	1.18E-08	3.92E-09	1.57E-08	9.17E-09	1.89E-09	1.11E-08
2892	625572.87	4264878.31	5.88E-08	2.02E-08	7.90E-08	4.91E-08	1.51E-08	6.43E-08	1.16E-08	3.87E-09	1.55E-08	9.07E-09	1.87E-09	1.09E-08
2893	625581.87	4264882.19	5.82E-08	2.00E-08	7.82E-08	4.86E-08	1.50E-08	6.36E-08	1.15E-08	3.83E-09	1.53E-08	8.97E-09	1.85E-09	1.08E-08
2894	625590.87	4264886.08	5.75E-08	1.98E-08	7.73E-08	4.81E-08	1.48E-08	6.29E-08	1.14E-08	3.79E-09	1.52E-08	8.88E-09	1.83E-09	1.07E-08
2895	625599.88	4264889.96	5.70E-08	1.96E-08	7.66E-08	4.76E-08	1.47E-08	6.23E-08	1.13E-08	3.75E-09	1.50E-08	8.79E-09	1.81E-09	1.06E-08
2896	625608.88	4264893.84	5.64E-08	1.94E-08	7.58E-08	4.71E-08	1.45E-08	6.17E-08	1.12E-08	3.72E-09	1.49E-08	8.70E-09	1.79E-09	1.05E-08
2897	625617.88	4264897.73	5.59E-08	1.92E-08	7.51E-08	4.67E-08	1.44E-08	6.11E-08	1.11E-08	3.68E-09	1.47E-08	8.62E-09	1.77E-09	1.04E-08
2898	625626.89	4264901.61	5.53E-08	1.90E-08	7.44E-08	4.63E-08	1.42E-08	6.05E-08	1.10E-08	3.65E-09	1.46E-08	8.54E-09	1.76E-09	1.03E-08
2899	625635.89	4264905.49	5.48E-08	1.89E-08	7.37E-08	4.58E-08	1.41E-08	5.99E-08	1.09E-08	3.61E-09	1.45E-08	8.46E-09	1.74E-09	1.02E-08
2900	625648.5	4264918.49	5.44E-08	1.87E-08	7.31E-08	4.54E-08	1.40E-08	5.94E-08	1.08E-08	3.58E-09	1.43E-08	8.39E-09	1.73E-09	1.01E-08
2901	625652.11	4264927.61	5.44E-08	1.87E-08	7.31E-08	4.55E-08	1.40E-08	5.95E-08	1.08E-08	3.58E-09	1.43E-08	8.39E-09	1.73E-09	1.01E-08
2902	625655.72	4264936.73	5.44E-08	1.87E-08	7.31E-08	4.55E-08	1.40E-08	5.95E-08	1.08E-08	3.58E-09	1.44E-08	8.39E-09	1.73E-09	1.01E-08
2903	625659.33	4264945.84	5.44E-08	1.87E-08	7.31E-08	4.55E-08	1.40E-08	5.95E-08	1.08E-08	3.59E-09	1.44E-08	8.40E-09	1.73E-09	1.01E-08
2904	625662.93	4264954.96	5.44E-08	1.87E-08	7.32E-08	4.55E-08	1.40E-08	5.95E-08	1.08E-08	3.59E-09	1.44E-08	8.40E-09	1.73E-09	1.01E-08
2905	625666.54	4264964.08	5.45E-08	1.87E-08	7.32E-08	4.55E-08	1.40E-08	5.96E-08	1.08E-08	3.59E-09	1.44E-08	8.41E-09	1.73E-09	1.01E-08
2906	625670.15	4264973.19	5.45E-08	1.87E-08	7.32E-08	4.56E-08	1.40E-08	5.96E-08	1.08E-08	3.59E-09	1.44E-08	8.41E-09	1.73E-09	1.01E-08
2907	625673.76	4264982.31	5.45E-08	1.87E-08	7.33E-08	4.56E-08	1.40E-08	5.96E-08	1.08E-08	3.59E-09	1.44E-08	8.41E-09	1.73E-09	1.01E-08
2908	625677.37	4264991.43	5.45E-08	1.88E-08	7.33E-08	4.56E-08	1.40E-08	5.96E-08	1.08E-08	3.59E-09	1.44E-08	8.42E-09	1.73E-09	1.01E-08
2909	625680.98	4265000.54	5.46E-08	1.88E-08	7.33E-08	4.56E-08	1.40E-08	5.97E-08	1.08E-08	3.60E-09	1.44E-08	8.42E-09	1.73E-09	1.02E-08
2910	625684.59	4265009.66	5.46E-08	1.88E-08	7.33E-08	4.56E-08	1.41E-08	5.97E-08	1.08E-08	3.60E-09	1.44E-08	8.42E-09	1.73E-09	1.02E-08
2911	625688.19	4265018.78	5.46E-08	1.88E-08	7.34E-08	4.56E-08	1.41E-08	5.97E-08	1.08E-08	3.60E-09	1.44E-08	8.42E-09	1.73E-09	1.02E-08
2912	625691.8	4265027.89	5.46E-08	1.88E-08	7.34E-08	4.56E-08	1.41E-08	5.97E-08	1.08E-08	3.60E-09	1.44E-08	8.42E-09	1.73E-09	1.02E-08
2913	625695.41	4265037.01	5.46E-08	1.88E-08	7.33E-08	4.56E-08	1.41E-08	5.97E-08	1.08E-08	3.60E-09	1.44E-08	8.42E-09	1.73E-09	1.02E-08
2914	625699.02	4265046.13	5.46E-08	1.88E-08	7.33E-08	4.56E-08	1.40E-08	5.97E-08	1.08E-08	3.60E-09	1.44E-08	8.42E-09	1.73E-09	1.02E-08
2915	625702.63	4265055.24	5.45E-08	1.88E-08	7.33E-08	4.56E-08	1.40E-08	5.96E-08	1.08E-08	3.59E-09	1.44E-08	8.42E-09	1.73E-09	1.01E-08
2916	625706.24	4265064.36	5.45E-08	1.87E-08	7.33E-08	4.56E-08	1.40E-08	5.96E-08	1.08E-08	3.59E-09	1.44E-08	8.41E-09	1.73E-09	1.01E-08
2917	625709.84	4265073.48	5.45E-08	1.87E-08	7.32E-08	4.55E-08	1.40E-08	5.96E-08	1.08E-08	3.59E-09	1.44E-08	8.41E-09	1.73E-09	1.01E-08
2918	625713.45	4265082.59	5.44E-08	1.87E-08	7.31E-08	4.55E-08	1.40E-08	5.95E-08	1.08E-08	3.59E-09	1.44E-08	8.40E-09	1.73E-09	1.01E-08
2919	625717.06	4265091.71	5.44E-08	1.87E-08	7.31E-08	4.54E-08	1.40E-08	5.94E-08	1.08E-08	3.58E-09	1.43E-08	8.39E-09	1.73E-09	1.01E-08
2920	625720.67	4265100.83	5.43E-08	1.87E-08	7.30E-08	4.54E-08	1.40E-08	5.94E-08	1.07E-08	3.58E-09	1.43E-08	8.38E-09	1.72E-09	1.01E-08
2921	625724.28	4265109.95	5.42E-08	1.86E-08	7.29E-08	4.53E-08	1.40E-08	5.93E-08	1.07E-08	3.57E-09	1.43E-08	8.37E-09	1.72E-09	1.01E-08
2922	625727.89	4265119.06	5.41E-08	1.86E-08	7.27E-08	4.52E-08	1.39E-08	5.92E-08	1.07E-08	3.57E-09	1.43E-08	8.35E-09	1.72E-09	1.01E-08
2923	625731.5	4265128.18	5.40E-08	1.86E-08	7.26E-08	4.52E-08	1.39E-08	5.91E-08	1.07E-08	3.56E-09	1.43E-08	8.34E-09	1.71E-09	1.01E-08
2924	625735.1	4265137.3	5.39E-08	1.85E-08	7.25E-08	4.51E-08	1.39E-08	5.90E-08	1.07E-08	3.55E-09	1.42E-08	8.32E-09	1.71E-09	1.00E-08
2925	625738.71	4265146.41	5.38E-08	1.85E-08	7.23E-08	4.50E-08	1.39E-08	5.88E-08	1.07E-08	3.55E-09	1.42E-08	8.30E-09	1.71E-09	1.00E-08
2926	625742.32	4265155.53	5.37E-08	1.85E-08	7.22E-08	4.49E-08	1.38E-08	5.87E-08	1.06E-08	3.54E-09	1.42E-08	8.28E-09	1.70E-09	9.99E-09
2927	625745.93	4265164.65	5.36E-08	1.84E-08	7.20E-08	4.48E-08	1.38E-08	5.86E-08	1.06E-08	3.53E-09	1.41E-08	8.27E-09	1.70E-09	9.97E-09
2928	625749.54	4265173.76	5.34E-08	1.84E-08	7.18E-08	4.47E-08	1.38E-08	5.84E-08	1.06E-08	3.52E-09	1.41E-08	8.24E-09	1.70E-09	9.94E-09
2929	625753.15	4265182.88	5.33E-08	1.83E-08	7.16E-08	4.45E-08	1.37E-08	5.82E-08	1.05E-08	3.51E-09	1.41E-08	8.22E-09	1.69E-09	9.91E-09
2930	625756.76	4265192	5.31E-08	1.83E-08	7.14E-08	4.44E-08	1.37E-08	5.81E-08	1.05E-08	3.50E-09	1.40E-08	8.20E-09	1.69E-09	9.88E-09
2931	625760.36	4265201.11	5.29E-08	1.82E-08	7.12E-08	4.43E-08	1.36E-08	5.79E-08	1.05E-08	3.49E-09	1.40E-08	8.17E-09	1.68E-09	9.85E-09
2932	625763.97	4265210.23	5.28E-08	1.81E-08	7.09E-08	4.41E-08	1.36E-08	5.77E-08	1.04E-08	3.48E-09	1.39E-08	8.14E-09	1.67E-09	9.82E-09
2933	625767.58	4265219.35	5.26E-08	1.81E-08	7.07E-08	4.40E-08	1.35E-08	5.75E-08	1.04E-08	3.46E-09	1.39E-08	8.11E-09	1.67E-09	9.78E-09
2934	625771.19	4265228.46	5.24E-08	1.80E-08	7.04E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.45E-09	1.38E-08	8.08E-09	1.66E-09	9.75E-09
2935	625774.8	4265237.58	5.22E-08	1.80E-08	7.02E-08	4.36E-08	1.34E-08	5.71E-08	1.03E-08	3.44E-09	1.38E-08	8.05E-09	1.66E-09	9.71E-09
2936	625778.41	4265246.7	5.20E-08	1.79E-08	6.99E-08	4.35E-08	1.34E-08	5.69E-08	1.03E-08	3.43E-09	1.37E-08	8.03E-09	1.65E-09	9.68E-09
2937	625782.01	4265255.81	5.18E-08	1.78E-08	6.96E-08	4.33E-08	1.33E-08	5.67E-08	1.03E-08	3.41E-09	1.37E-08	8.00E-09	1.64E-09	9.64E-09
2938	625785.62	4265264.93	5.16E-08	1.77E-08	6.93E-08	4.31E-08	1.33E-08	5.64E-08	1.02E-08	3.40E-09	1.36E-08	7.96E-09	1.64E-09	9.60E-09
2939	625789.23	4265274.05	5.14E-08	1.77E-08	6.90E-08	4.29E-08	1.32E-08	5.61E-08	1.02E-08	3.38E-09	1.35E-08	7.92E-09	1.63E-09	9.55E-09
2940	625792.84	4265283.16	5.11E-08	1.76E-08	6.87E-08	4.27E-08	1.32E-08	5.59E-08	1.01E-08	3.37E-09	1.35E-08	7.89E-09	1.62E-09	9.51E-09
2941	625796.45	4265292.28	5.09E-08	1.75E-08	6.84E-08	4.25E-08	1.31E-08	5.56E-08	1.01E-08	3.35E-09	1.34E-08	7.85E-09	1.61E-09	9.46E-09
2942	625800.06	4265301.4	5.06E-08	1.74E-08	6.81E-08	4.23E-08	1.30E-08	5.54E-08	1.00E-08	3.34E-09	1.34E-08	7.82E-09	1.61E-09	9.42E-09
2943	625803.67	4265310.51	5.04E-08	1.73E-08	6.78E-08	4.22E-08	1.30E-08	5.51E-08	9.98E-09	3.32E-09	1.33E-08	7.78E-09	1.60E-09	9.38E-09
2944	625807.27	4265319.63	5.02E-08	1.73E-08	6.75E-08	4.20E-08	1.29E-08	5.49E-08	9.94E-09	3.31E-09	1.32E-08	7.75E-09	1.59E-09	9.34E-09
2945	625810.88	4265328.75	4.99E-08	1.72E-08	6.71E-08	4.17E-08	1.29E-08	5.46E-08	9.88E-09	3.29E-09	1.32E-08	7.71E-09	1.58E-09	9.29E-09
2946	625814.49	4265337.86	4.97E-08	1.71E-08	6.67E-08	4.15E-08	1.28E-08	5.43E-08	9.83E-09	3.27E-09	1.31E-08	7.66E-09	1.58E-09	9.24E-09
2947	625818.1	4265346.98	4.94E-08	1.70E-08	6.64E-08	4.13E-08	1.27E-08	5.40E-08	9.78E-09	3.25E-09	1.30E-08	7.62E-09	1.57E-09	9.19E-09
2948	625821.71	4265356.1	4.91E-08	1.69E-08	6.60E-08	4.11E-08	1.27E-08	5.37E-08	9.73E-09	3.24E-09	1.30E-08	7.58E-09	1.56E-09	9.14E-09

2949	625825.32	4265365.21	4.89E-08	1.68E-08	6.57E-08	4.09E-08	1.26E-08	5.34E-08	9.68E-09	3.22E-09	1.29E-08	7.54E-09	1.55E-09	9.09E-09
2950	625828.92	4265374.33	4.86E-08	1.67E-08	6.54E-08	4.06E-08	1.25E-08	5.32E-08	9.63E-09	3.20E-09	1.28E-08	7.50E-09	1.54E-09	9.05E-09
2951	625832.53	4265383.45	4.84E-08	1.66E-08	6.50E-08	4.04E-08	1.25E-08	5.29E-08	9.58E-09	3.19E-09	1.28E-08	7.47E-09	1.54E-09	9.00E-09
2952	625836.14	4265392.56	4.81E-08	1.66E-08	6.47E-08	4.02E-08	1.24E-08	5.26E-08	9.53E-09	3.17E-09	1.27E-08	7.43E-09	1.53E-09	8.96E-09
2953	625839.75	4265401.68	4.79E-08	1.65E-08	6.43E-08	4.00E-08	1.23E-08	5.24E-08	9.48E-09	3.15E-09	1.26E-08	7.39E-09	1.52E-09	8.91E-09
2954	625843.36	4265410.8	4.76E-08	1.64E-08	6.40E-08	3.98E-08	1.23E-08	5.21E-08	9.43E-09	3.14E-09	1.26E-08	7.35E-09	1.51E-09	8.86E-09
2955	625846.97	4265419.92	4.74E-08	1.63E-08	6.37E-08	3.96E-08	1.22E-08	5.18E-08	9.38E-09	3.12E-09	1.25E-08	7.31E-09	1.50E-09	8.82E-09
2956	625850.58	4265429.03	4.71E-08	1.62E-08	6.34E-08	3.94E-08	1.21E-08	5.15E-08	9.33E-09	3.11E-09	1.24E-08	7.27E-09	1.50E-09	8.77E-09
2957	625854.18	4265438.15	4.69E-08	1.61E-08	6.30E-08	3.92E-08	1.21E-08	5.13E-08	9.28E-09	3.09E-09	1.24E-08	7.24E-09	1.49E-09	8.72E-09
2958	625857.79	4265447.27	4.66E-08	1.60E-08	6.27E-08	3.90E-08	1.20E-08	5.10E-08	9.23E-09	3.07E-09	1.23E-08	7.20E-09	1.48E-09	8.68E-09
2959	625861.4	4265456.38	4.64E-08	1.59E-08	6.23E-08	3.88E-08	1.19E-08	5.07E-08	9.18E-09	3.06E-09	1.22E-08	7.16E-09	1.47E-09	8.63E-09
2960	625865.01	4265465.5	4.61E-08	1.59E-08	6.20E-08	3.85E-08	1.19E-08	5.04E-08	9.13E-09	3.04E-09	1.22E-08	7.12E-09	1.46E-09	8.58E-09
2961	625868.62	4265474.62	4.59E-08	1.58E-08	6.16E-08	3.83E-08	1.18E-08	5.01E-08	9.08E-09	3.02E-09	1.21E-08	7.08E-09	1.46E-09	8.53E-09
2962	625872.23	4265483.73	4.56E-08	1.57E-08	6.13E-08	3.81E-08	1.17E-08	4.98E-08	9.02E-09	3.00E-09	1.20E-08	7.03E-09	1.45E-09	8.48E-09
2963	625875.83	4265492.85	4.53E-08	1.56E-08	6.09E-08	3.79E-08	1.17E-08	4.95E-08	8.97E-09	2.99E-09	1.20E-08	6.99E-09	1.44E-09	8.43E-09
2964	625879.44	4265501.97	4.50E-08	1.55E-08	6.05E-08	3.76E-08	1.16E-08	4.92E-08	8.91E-09	2.97E-09	1.19E-08	6.95E-09	1.43E-09	8.38E-09
2965	625883.05	4265511.08	4.47E-08	1.54E-08	6.01E-08	3.74E-08	1.15E-08	4.89E-08	8.85E-09	2.95E-09	1.18E-08	6.90E-09	1.42E-09	8.32E-09
2966	625886.66	4265520.2	4.44E-08	1.53E-08	5.97E-08	3.71E-08	1.14E-08	4.86E-08	8.79E-09	2.93E-09	1.17E-08	6.86E-09	1.41E-09	8.27E-09
2967	625890.27	4265529.32	4.41E-08	1.52E-08	5.93E-08	3.69E-08	1.14E-08	4.82E-08	8.73E-09	2.91E-09	1.16E-08	6.81E-09	1.40E-09	8.21E-09
2968	625893.88	4265538.43	4.38E-08	1.51E-08	5.89E-08	3.66E-08	1.13E-08	4.79E-08	8.67E-09	2.89E-09	1.16E-08	6.76E-09	1.39E-09	8.15E-09
2969	625897.49	4265547.55	4.35E-08	1.49E-08	5.84E-08	3.63E-08	1.12E-08	4.75E-08	8.60E-09	2.86E-09	1.15E-08	6.71E-09	1.38E-09	8.09E-09
2970	625901.09	4265556.67	4.31E-08	1.48E-08	5.79E-08	3.60E-08	1.11E-08	4.71E-08	8.53E-09	2.84E-09	1.14E-08	6.65E-09	1.37E-09	8.02E-09
2971	625904.7	4265565.78	4.28E-08	1.47E-08	5.75E-08	3.57E-08	1.10E-08	4.68E-08	8.47E-09	2.82E-09	1.13E-08	6.60E-09	1.36E-09	7.96E-09
2972	625908.31	4265574.9	4.24E-08	1.46E-08	5.70E-08	3.54E-08	1.09E-08	4.64E-08	8.39E-09	2.79E-09	1.12E-08	6.54E-09	1.35E-09	7.89E-09
2973	625911.92	4265584.02	4.20E-08	1.45E-08	5.65E-08	3.51E-08	1.08E-08	4.60E-08	8.32E-09	2.77E-09	1.11E-08	6.49E-09	1.33E-09	7.82E-09
2974	625915.53	4265593.13	4.17E-08	1.43E-08	5.60E-08	3.48E-08	1.07E-08	4.55E-08	8.25E-09	2.74E-09	1.10E-08	6.43E-09	1.32E-09	7.75E-09
2975	625919.14	4265602.25	4.13E-08	1.42E-08	5.55E-08	3.45E-08	1.06E-08	4.51E-08	8.17E-09	2.72E-09	1.09E-08	6.37E-09	1.31E-09	7.68E-09
2976	625922.74	4265611.37	4.09E-08	1.41E-08	5.49E-08	3.42E-08	1.05E-08	4.47E-08	8.09E-09	2.69E-09	1.08E-08	6.31E-09	1.30E-09	7.60E-09
2977	625926.35	4265620.48	4.05E-08	1.39E-08	5.44E-08	3.38E-08	1.04E-08	4.42E-08	8.01E-09	2.67E-09	1.07E-08	6.25E-09	1.28E-09	7.53E-09
2978	625929.96	4265629.6	4.01E-08	1.38E-08	5.38E-08	3.35E-08	1.03E-08	4.38E-08	7.93E-09	2.64E-09	1.06E-08	6.18E-09	1.27E-09	7.45E-09
2979	625933.57	4265638.72	3.96E-08	1.36E-08	5.33E-08	3.31E-08	1.02E-08	4.33E-08	7.85E-09	2.61E-09	1.05E-08	6.12E-09	1.26E-09	7.38E-09
2980	625937.18	4265647.83	3.92E-08	1.35E-08	5.27E-08	3.28E-08	1.01E-08	4.29E-08	7.76E-09	2.58E-09	1.03E-08	6.05E-09	1.24E-09	7.30E-09
2981	625940.79	4265656.95	3.88E-08	1.33E-08	5.21E-08	3.24E-08	9.99E-09	4.24E-08	7.68E-09	2.56E-09	1.02E-08	5.99E-09	1.23E-09	7.22E-09
2982	625944.4	4265666.07	3.84E-08	1.32E-08	5.16E-08	3.21E-08	9.88E-09	4.20E-08	7.60E-09	2.53E-09	1.01E-08	5.92E-09	1.22E-09	7.14E-09
2983	625948	4265675.18	3.79E-08	1.30E-08	5.10E-08	3.17E-08	9.77E-09	4.15E-08	7.51E-09	2.50E-09	1.00E-08	5.86E-09	1.20E-09	7.06E-09
2984	625951.61	4265684.3	3.75E-08	1.29E-08	5.04E-08	3.14E-08	9.66E-09	4.10E-08	7.43E-09	2.47E-09	9.90E-09	5.79E-09	1.19E-09	6.98E-09
2985	624870.62	4264575.42	6.18E-08	2.12E-08	8.30E-08	5.16E-08	1.59E-08	6.76E-08	1.22E-08	4.07E-09	1.63E-08	9.53E-09	1.96E-09	1.15E-08
2986	624860.71	4264575.28	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.51E-09	1.96E-09	1.15E-08
2987	624850.8	4264575.14	6.15E-08	2.11E-08	8.26E-08	5.14E-08	1.58E-08	6.72E-08	1.22E-08	4.05E-09	1.62E-08	9.48E-09	1.95E-09	1.14E-08
2988	624840.9	4264575	6.13E-08	2.11E-08	8.24E-08	5.12E-08	1.58E-08	6.70E-08	1.21E-08	4.04E-09	1.62E-08	9.46E-09	1.95E-09	1.14E-08
2989	624830.99	4264574.87	6.12E-08	2.10E-08	8.22E-08	5.11E-08	1.57E-08	6.69E-08	1.21E-08	4.03E-09	1.61E-08	9.44E-09	1.94E-09	1.14E-08
2990	624821.08	4264574.73	6.10E-08	2.10E-08	8.20E-08	5.10E-08	1.57E-08	6.67E-08	1.21E-08	4.02E-09	1.61E-08	9.41E-09	1.94E-09	1.13E-08
2991	624811.17	4264574.59	6.09E-08	2.09E-08	8.18E-08	5.09E-08	1.57E-08	6.65E-08	1.20E-08	4.01E-09	1.61E-08	9.39E-09	1.93E-09	1.13E-08
2992	624801.26	4264574.45	6.07E-08	2.09E-08	8.16E-08	5.08E-08	1.56E-08	6.64E-08	1.20E-08	4.00E-09	1.60E-08	9.37E-09	1.93E-09	1.13E-08
2993	624791.35	4264574.32	6.06E-08	2.08E-08	8.15E-08	5.07E-08	1.56E-08	6.63E-08	1.20E-08	3.99E-09	1.60E-08	9.35E-09	1.92E-09	1.13E-08
2994	624781.44	4264574.18	6.05E-08	2.08E-08	8.13E-08	5.06E-08	1.56E-08	6.62E-08	1.20E-08	3.99E-09	1.60E-08	9.34E-09	1.92E-09	1.13E-08
2995	624771.53	4264574.04	6.04E-08	2.08E-08	8.12E-08	5.05E-08	1.56E-08	6.60E-08	1.20E-08	3.98E-09	1.59E-08	9.32E-09	1.92E-09	1.12E-08
2996	624761.62	4264573.9	6.03E-08	2.07E-08	8.10E-08	5.04E-08	1.55E-08	6.59E-08	1.19E-08	3.97E-09	1.59E-08	9.30E-09	1.91E-09	1.12E-08
2997	624751.72	4264573.77	6.02E-08	2.07E-08	8.09E-08	5.03E-08	1.55E-08	6.58E-08	1.19E-08	3.97E-09	1.59E-08	9.29E-09	1.91E-09	1.12E-08
2998	624741.81	4264573.63	6.01E-08	2.07E-08	8.07E-08	5.02E-08	1.55E-08	6.57E-08	1.19E-08	3.96E-09	1.59E-08	9.27E-09	1.91E-09	1.12E-08
2999	624731.9	4264573.49	6.00E-08	2.06E-08	8.06E-08	5.02E-08	1.54E-08	6.56E-08	1.19E-08	3.95E-09	1.58E-08	9.26E-09	1.90E-09	1.12E-08
3000	624721.99	4264573.35	5.99E-08	2.06E-08	8.05E-08	5.01E-08	1.54E-08	6.55E-08	1.19E-08	3.95E-09	1.58E-08	9.25E-09	1.90E-09	1.11E-08
3001	624712.08	4264573.22	5.98E-08	2.06E-08	8.04E-08	5.00E-08	1.54E-08	6.54E-08	1.18E-08	3.94E-09	1.58E-08	9.23E-09	1.90E-09	1.11E-08
3002	624702.17	4264573.08	5.97E-08	2.05E-08	8.03E-08	4.99E-08	1.54E-08	6.53E-08	1.18E-08	3.94E-09	1.58E-08	9.22E-09	1.90E-09	1.11E-08
3003	624692.26	4264572.94	5.96E-08	2.05E-08	8.01E-08	4.98E-08	1.53E-08	6.52E-08	1.18E-08	3.93E-09	1.57E-08	9.20E-09	1.89E-09	1.11E-08
3004	624682.35	4264572.81	5.95E-08	2.05E-08	7.99E-08	4.97E-08	1.53E-08	6.50E-08	1.18E-08	3.92E-09	1.57E-08	9.18E-09	1.89E-09	1.11E-08
3005	624672.45	4264572.67	5.94E-08	2.04E-08	7.98E-08	4.96E-08	1.53E-08	6.49E-08	1.17E-08	3.91E-09	1.57E-08	9.16E-09	1.88E-09	1.10E-08
3006	624662.54	4264572.53	5.92E-08	2.04E-08	7.95E-08	4.95E-08	1.52E-08	6.47E-08	1.17E-08	3.90E-09	1.56E-08	9.13E-09	1.88E-09	1.10E-08
3007	624652.63	4264572.39	5.90E-08	2.03E-08	7.93E-08	4.93E-08	1.52E-08	6.45E-08	1.17E-08	3.89E-09	1.56E-08	9.11E-09	1.87E-09	1.10E-08
3008	624642.72	4264572.26	5.88E-08	2.02E-08	7.90E-08	4.92E-08	1.51E-08	6.43E-08	1.16E-08	3.87E-09	1.55E-08	9.07E-09	1.87E-09	1.09E-08
3009	624632.81	4264572.12	5.86E-08	2.01E-08	7.87E-08	4.90E-08	1.51E-08	6.40E-08	1.16E-08	3.86E-09	1.55E-08	9.04E-09	1.86E-09	1.09E-08
3010	624622.9	4264571.98	5.83E-08	2.01E-08	7.84E-08	4.88E-08	1.50E-08	6.38E-08	1.15E-08	3.84E-09	1.54E-08	9.00E-09	1.85E-09	1.09E-08
3011	624612.99	4264571.84	5.80E-08	2.00E-08	7.80E-08	4.85E-08	1.49E-08	6.35E-08	1.15E-08	3.82E-09	1.53E-08	8.96E-09	1.84E-09	1.08E-08
3012	624603.08	4264571.71	5.77E-08	1.99E-08	7.76E-08	4.83E-08	1.49E-08	6.31E-08	1.14E-08	3.80E-09	1.52E-08	8.91E-09	1.83E-09	1.07E-08
3013	624593.18	4264571.57	5.74E-08	1.97E-08	7.71E-08	4.80E-08	1.48E-08	6.28E-08	1.14E-08	3.78E-09	1.51E-08	8.86E-09	1.82E-09	1.07E-08
3014	624583.27	4264571.43	5.70E-08	1.96E-08	7.66E-08	4.76E-08	1.47E-08	6.23E-08	1.13E-08	3.76E-09	1.50E-08	8.80E-09	1.81E-09	1.06E-08
3015	624573.36	4264571.29	5.66E-08	1.95E-08	7.61E-08	4.73E-08	1.46E-08	6.19E-08	1.12E-08	3.73E-09	1.49E-08	8.73E-09	1.80E-09	1.05E-08
3016	624563.45	4264571.16	5.61E-08	1.93E-08	7.55E-08	4.69E-08	1.45E-08	6.14E-08	1.11E-08	3.70E-09	1.48E-08	8.66E-09	1.78E-09	1.04E-08
3017	624553.54	4264571.02	5.57E-08	1.92E-08	7.49E-08	4.66E-08	1.43E-08	6.09E-08	1.10E-08	3.67E-09	1.47E-08	8.60E-09	1.77E-09	1.04E-08
3018	624543.63	4264570.88	5.52E-08	1.90E-08	7.42E-08	4.62E-08	1.42E-08	6.04E-08	1.09E-08	3.64E-09	1.46E-08	8.52E-09	1.75E-09	1.03E-08
3019	624533.72	4264570.74	5.48E-08	1.88E-08	7.36E-08	4.58E-08	1.41E-08	5.99E-08	1.08E-08	3.61E-09	1.44E-08	8.45E-09	1.74E-09	1.02E-08
3020	624523.81	4264570.61	5.43E-08	1.87E-08	7.29E-08	4.53E-08	1.40E-08	5.93E-08	1.07E-08	3.57E-09	1.43E-08	8.37E-09	1.72E-09	1.01E-08

3021	624513.9	4264570.47	5.37E-08	1.85E-08	7.22E-08	4.49E-08	1.38E-08	5.88E-08	1.06E-08	3.54E-09	1.42E-08	8.29E-09	1.71E-09	1.00E-08
3022	624504	4264570.33	5.32E-08	1.83E-08	7.15E-08	4.45E-08	1.37E-08	5.82E-08	1.05E-08	3.51E-09	1.40E-08	8.21E-09	1.69E-09	9.90E-09
3023	624494.09	4264570.19	5.27E-08	1.81E-08	7.08E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.13E-09	1.67E-09	9.80E-09
3024	624484.18	4264570.06	5.21E-08	1.79E-08	7.01E-08	4.36E-08	1.34E-08	5.70E-08	1.03E-08	3.44E-09	1.38E-08	8.05E-09	1.65E-09	9.70E-09
3025	624474.27	4264569.92	5.16E-08	1.77E-08	6.93E-08	4.31E-08	1.33E-08	5.64E-08	1.02E-08	3.40E-09	1.36E-08	7.96E-09	1.64E-09	9.60E-09
3026	624464.36	4264569.78	5.11E-08	1.76E-08	6.86E-08	4.27E-08	1.31E-08	5.58E-08	1.01E-08	3.36E-09	1.35E-08	7.88E-09	1.62E-09	9.50E-09
3027	624454.45	4264569.64	5.05E-08	1.74E-08	6.79E-08	4.22E-08	1.30E-08	5.52E-08	1.00E-08	3.33E-09	1.33E-08	7.79E-09	1.60E-09	9.39E-09
3028	624444.54	4264569.51	5.00E-08	1.72E-08	6.71E-08	4.18E-08	1.29E-08	5.46E-08	9.89E-09	3.29E-09	1.32E-08	7.71E-09	1.59E-09	9.29E-09
3029	624434.63	4264569.37	4.94E-08	1.70E-08	6.64E-08	4.13E-08	1.27E-08	5.40E-08	9.78E-09	3.26E-09	1.30E-08	7.63E-09	1.57E-09	9.20E-09
3030	624424.73	4264569.23	4.89E-08	1.68E-08	6.57E-08	4.09E-08	1.26E-08	5.35E-08	9.68E-09	3.22E-09	1.29E-08	7.55E-09	1.55E-09	9.10E-09
3031	624414.82	4264569.1	4.84E-08	1.66E-08	6.50E-08	4.05E-08	1.25E-08	5.29E-08	9.58E-09	3.19E-09	1.28E-08	7.47E-09	1.54E-09	9.00E-09
3032	624404.91	4264568.96	4.79E-08	1.65E-08	6.44E-08	4.00E-08	1.23E-08	5.24E-08	9.48E-09	3.16E-09	1.26E-08	7.39E-09	1.52E-09	8.91E-09
3033	624395	4264568.82	4.74E-08	1.63E-08	6.37E-08	3.96E-08	1.22E-08	5.19E-08	9.39E-09	3.13E-09	1.25E-08	7.32E-09	1.51E-09	8.82E-09
3034	624385.09	4264568.68	4.70E-08	1.62E-08	6.31E-08	3.93E-08	1.21E-08	5.13E-08	9.30E-09	3.09E-09	1.24E-08	7.25E-09	1.49E-09	8.74E-09
3035	624375.18	4264568.55	4.65E-08	1.60E-08	6.25E-08	3.89E-08	1.20E-08	5.08E-08	9.21E-09	3.06E-09	1.23E-08	7.18E-09	1.48E-09	8.65E-09
3036	624349.93	4265668.3	5.13E-07	1.76E-07	6.89E-07	4.29E-07	1.32E-07	5.61E-07	1.02E-07	3.38E-08	1.35E-07	7.92E-08	1.63E-08	9.55E-08
3037	624349.79	4265678.19	5.46E-07	1.88E-07	7.34E-07	4.57E-07	1.41E-07	5.97E-07	1.08E-07	3.60E-08	1.44E-07	8.43E-08	1.73E-08	1.02E-07
3038	624349.64	4265688.08	5.82E-07	2.00E-07	7.83E-07	4.87E-07	1.50E-07	6.37E-07	1.15E-07	3.84E-08	1.54E-07	8.99E-08	1.85E-08	1.08E-07
3039	624349.5	4265697.97	6.21E-07	2.14E-07	8.35E-07	5.19E-07	1.60E-07	6.79E-07	1.23E-07	4.09E-08	1.64E-07	9.59E-08	1.97E-08	1.16E-07
3040	624349.36	4265707.87	6.62E-07	2.28E-07	8.89E-07	5.53E-07	1.70E-07	7.23E-07	1.31E-07	4.36E-08	1.75E-07	1.02E-07	2.10E-08	1.23E-07
3041	624349.22	4265717.76	7.03E-07	2.42E-07	9.45E-07	5.88E-07	1.81E-07	7.68E-07	1.39E-07	4.63E-08	1.85E-07	1.08E-07	2.23E-08	1.31E-07
3042	624349.07	4265727.65	7.44E-07	2.56E-07	1.00E-06	6.22E-07	1.92E-07	8.14E-07	1.47E-07	4.90E-08	1.96E-07	1.15E-07	2.36E-08	1.38E-07
3043	624348.93	4265737.54	7.85E-07	2.70E-07	1.06E-06	6.57E-07	2.02E-07	8.59E-07	1.55E-07	5.18E-08	2.07E-07	1.21E-07	2.49E-08	1.46E-07
3044	624348.79	4265747.44	8.25E-07	2.84E-07	1.11E-06	6.90E-07	2.12E-07	9.02E-07	1.63E-07	5.44E-08	2.18E-07	1.27E-07	2.62E-08	1.54E-07
3045	624348.64	4265757.33	8.63E-07	2.97E-07	1.16E-06	7.21E-07	2.22E-07	9.43E-07	1.71E-07	5.68E-08	2.28E-07	1.33E-07	2.74E-08	1.60E-07
3046	624348.5	4265767.22	8.98E-07	3.09E-07	1.21E-06	7.50E-07	2.31E-07	9.82E-07	1.78E-07	5.92E-08	2.37E-07	1.39E-07	2.85E-08	1.67E-07
3047	624348.36	4265777.11	9.31E-07	3.20E-07	1.25E-06	7.78E-07	2.40E-07	1.02E-06	1.84E-07	6.13E-08	2.45E-07	1.44E-07	2.95E-08	1.73E-07
3048	624348.21	4265787.01	9.61E-07	3.30E-07	1.29E-06	8.03E-07	2.47E-07	1.05E-06	1.90E-07	6.33E-08	2.53E-07	1.48E-07	3.05E-08	1.79E-07
3049	624348.07	4265796.9	9.88E-07	3.40E-07	1.33E-06	8.26E-07	2.54E-07	1.08E-06	1.96E-07	6.51E-08	2.61E-07	1.52E-07	3.14E-08	1.84E-07
3050	624347.93	4265806.79	1.01E-06	3.49E-07	1.36E-06	8.47E-07	2.61E-07	1.11E-06	2.01E-07	6.68E-08	2.67E-07	1.56E-07	3.22E-08	1.89E-07
3051	624347.78	4265816.68	1.04E-06	3.56E-07	1.39E-06	8.67E-07	2.67E-07	1.13E-06	2.05E-07	6.83E-08	2.74E-07	1.60E-07	3.29E-08	1.93E-07
3052	624347.64	4265826.58	1.06E-06	3.64E-07	1.42E-06	8.84E-07	2.72E-07	1.16E-06	2.09E-07	6.97E-08	2.79E-07	1.63E-07	3.36E-08	1.97E-07
3053	624342.96	4265661.12	4.64E-07	1.60E-07	6.24E-07	3.88E-07	1.19E-07	5.07E-07	9.19E-08	3.06E-08	1.22E-07	7.16E-08	1.47E-08	8.63E-08
3054	624339.79	4265678.04	4.97E-07	1.71E-07	6.68E-07	4.16E-07	1.28E-07	5.44E-07	9.85E-08	3.28E-08	1.31E-07	7.68E-08	1.58E-08	9.25E-08
3055	624339.65	4265687.94	5.26E-07	1.81E-07	7.07E-07	4.40E-07	1.35E-07	5.75E-07	1.04E-07	3.46E-08	1.39E-07	8.11E-08	1.67E-08	9.78E-08
3056	624339.5	4265697.83	5.56E-07	1.91E-07	7.47E-07	4.65E-07	1.43E-07	6.08E-07	1.10E-07	3.66E-08	1.47E-07	8.58E-08	1.77E-08	1.03E-07
3057	624339.36	4265707.72	5.88E-07	2.02E-07	7.90E-07	4.91E-07	1.51E-07	6.43E-07	1.16E-07	3.87E-08	1.55E-07	9.07E-08	1.87E-08	1.09E-07
3058	624339.22	4265717.61	6.20E-07	2.13E-07	8.33E-07	5.18E-07	1.60E-07	6.78E-07	1.23E-07	4.08E-08	1.64E-07	9.57E-08	1.97E-08	1.15E-07
3059	624339.07	4265727.51	6.53E-07	2.24E-07	8.77E-07	5.45E-07	1.68E-07	7.13E-07	1.29E-07	4.30E-08	1.72E-07	1.01E-07	2.07E-08	1.21E-07
3060	624338.93	4265737.4	6.85E-07	2.36E-07	9.21E-07	5.73E-07	1.76E-07	7.49E-07	1.36E-07	4.51E-08	1.81E-07	1.06E-07	2.17E-08	1.27E-07
3061	624338.79	4265747.29	7.17E-07	2.47E-07	9.64E-07	6.00E-07	1.85E-07	7.84E-07	1.42E-07	4.73E-08	1.89E-07	1.11E-07	2.28E-08	1.33E-07
3062	624338.64	4265757.18	7.48E-07	2.57E-07	1.01E-06	6.25E-07	1.93E-07	8.18E-07	1.48E-07	4.93E-08	1.97E-07	1.15E-07	2.37E-08	1.39E-07
3063	624338.5	4265767.08	7.78E-07	2.68E-07	1.05E-06	6.50E-07	2.00E-07	8.51E-07	1.54E-07	5.13E-08	2.05E-07	1.20E-07	2.47E-08	1.45E-07
3064	624338.36	4265776.97	8.06E-07	2.77E-07	1.08E-06	6.74E-07	2.08E-07	8.81E-07	1.60E-07	5.31E-08	2.13E-07	1.24E-07	2.56E-08	1.50E-07
3065	624338.21	4265786.86	8.33E-07	2.86E-07	1.12E-06	6.96E-07	2.14E-07	9.10E-07	1.65E-07	5.49E-08	2.20E-07	1.28E-07	2.64E-08	1.55E-07
3066	624338.07	4265796.75	8.57E-07	2.95E-07	1.15E-06	7.17E-07	2.21E-07	9.37E-07	1.70E-07	5.65E-08	2.26E-07	1.32E-07	2.72E-08	1.59E-07
3067	624337.93	4265806.65	8.80E-07	3.03E-07	1.18E-06	7.36E-07	2.27E-07	9.62E-07	1.74E-07	5.80E-08	2.32E-07	1.36E-07	2.79E-08	1.64E-07
3068	624337.79	4265816.54	9.01E-07	3.10E-07	1.21E-06	7.53E-07	2.32E-07	9.85E-07	1.78E-07	5.94E-08	2.38E-07	1.39E-07	2.86E-08	1.68E-07
3069	624337.64	4265826.43	9.21E-07	3.17E-07	1.24E-06	7.70E-07	2.37E-07	1.01E-06	1.82E-07	6.07E-08	2.43E-07	1.42E-07	2.92E-08	1.71E-07
3070	624332.96	4265660.98	4.31E-07	1.48E-07	5.79E-07	3.60E-07	1.11E-07	4.71E-07	8.52E-08	2.84E-08	1.14E-07	6.64E-08	1.37E-08	8.01E-08
3071	624346.13	4265644.1	4.32E-07	1.49E-07	5.81E-07	3.61E-07	1.11E-07	4.73E-07	8.56E-08	2.85E-08	1.14E-07	6.67E-08	1.37E-08	8.04E-08
3072	624329.79	4265677.9	4.58E-07	1.57E-07	6.15E-07	3.82E-07	1.18E-07	5.00E-07	9.06E-08	3.01E-08	1.21E-07	7.06E-08	1.45E-08	8.51E-08
3073	624329.65	4265687.79	4.81E-07	1.65E-07	6.46E-07	4.02E-07	1.24E-07	5.25E-07	9.51E-08	3.17E-08	1.27E-07	7.41E-08	1.52E-08	8.94E-08
3074	624329.5	4265697.68	5.05E-07	1.74E-07	6.78E-07	4.22E-07	1.30E-07	5.52E-07	9.99E-08	3.33E-08	1.33E-07	7.79E-08	1.60E-08	9.39E-08
3075	624329.36	4265707.58	5.30E-07	1.82E-07	7.13E-07	4.43E-07	1.37E-07	5.80E-07	1.05E-07	3.49E-08	1.40E-07	8.18E-08	1.68E-08	9.87E-08
3076	624329.22	4265717.47	5.56E-07	1.91E-07	7.48E-07	4.65E-07	1.43E-07	6.08E-07	1.10E-07	3.67E-08	1.47E-07	8.58E-08	1.77E-08	1.03E-07
3077	624329.07	4265727.36	5.83E-07	2.00E-07	7.83E-07	4.87E-07	1.50E-07	6.37E-07	1.15E-07	3.84E-08	1.54E-07	8.99E-08	1.85E-08	1.08E-07
3078	624328.93	4265737.25	6.09E-07	2.09E-07	8.18E-07	5.09E-07	1.57E-07	6.66E-07	1.21E-07	4.01E-08	1.61E-07	9.40E-08	1.93E-08	1.13E-07
3079	624328.79	4265747.15	6.35E-07	2.18E-07	8.54E-07	5.31E-07	1.64E-07	6.95E-07	1.26E-07	4.19E-08	1.68E-07	9.80E-08	2.02E-08	1.18E-07
3080	624328.65	4265757.04	6.61E-07	2.27E-07	8.89E-07	5.53E-07	1.70E-07	7.23E-07	1.31E-07	4.36E-08	1.74E-07	1.02E-07	2.10E-08	1.23E-07
3081	624328.5	4265766.93	6.86E-07	2.36E-07	9.22E-07	5.74E-07	1.77E-07	7.50E-07	1.36E-07	4.52E-08	1.81E-07	1.06E-07	2.18E-08	1.28E-07
3082	624328.36	4265776.82	7.10E-07	2.44E-07	9.55E-07	5.94E-07	1.83E-07	7.77E-07	1.41E-07	4.68E-08	1.87E-07	1.10E-07	2.25E-08	1.32E-07
3083	624328.22	4265786.72	7.33E-07	2.52E-07	9.86E-07	6.13E-07	1.89E-07	8.02E-07	1.45E-07	4.83E-08	1.93E-07	1.13E-07	2.33E-08	1.36E-07
3084	624328.07	4265796.61	7.55E-07	2.60E-07	1.01E-06	6.31E-07	1.94E-07	8.26E-07	1.49E-07	4.97E-08	1.99E-07	1.17E-07	2.40E-08	1.40E-07
3085	624327.93	4265806.5	7.76E-07	2.67E-07	1.04E-06	6.48E-07	2.00E-07	8.48E-07	1.54E-07	5.11E-08	2.05E-07	1.20E-07	2.46E-08	1.44E-07
3086	624327.79	4265816.39	7.95E-07	2.73E-07	1.07E-06	6.64E-07	2.05E-07	8.69E-07	1.57E-07	5.24E-08	2.10E-07	1.23E-07	2.52E-08	1.48E-07
3087	624327.64	4265826.29	8.12E-07	2.79E-07	1.09E-06	6.79E-07	2.09E-07	8.88E-07	1.61E-07	5.35E-08	2.14E-07	1.25E-07	2.58E-08	1.51E-07
3088	624322.96	4265660.84	4.02E-07	1.38E-07	5.40E-07	3.36E-07	1.03E-07	4.39E-07	7.96E-08	2.65E-08	1.06E-07	6.20E-08	1.28E-08	7.48E-08
3089	624329.02	4265646.78	3.92E-07	1.35E-07	5.27E-07	3.28E-07	1.01E-07	4.29E-07	7.77E-08	2.58E-08	1.04E-07	6.05E-08	1.25E-08	7.30E-08
3090	624309.79	4265677.61	3.96E-07	1.36E-07	5.32E-07	3.31E-07	1.02E-07	4.33E-07	7.83E-08	2.61E-08	1.04E-07	6.11E-08	1.26E-08	7.36E-08
3091	624309.65	4265687.5	4.12E-07	1.42E-07	5.53E-07	3.44E-07	1.06E-07	4.50E-07	8.15E-08	2.71E-08	1.09E-07	6.35E-08	1.31E-08	7.66E-08
3092	624309.51	4265697.39	4.29E-07	1.47E-07	5.76E-07	3.58E-07	1.10E-07	4.69E-07	8.48E-08	2.82E-08	1.13E-07	6.61E-08	1.36E-08	7.97E-08

3093	624309.36	4265707.29	4.46E-07	1.53E-07	5.99E-07	3.73E-07	1.15E-07	4.88E-07	8.83E-08	2.94E-08	1.18E-07	6.88E-08	1.42E-08	8.30E-08
3094	624309.22	4265717.18	4.64E-07	1.60E-07	6.24E-07	3.88E-07	1.19E-07	5.07E-07	9.19E-08	3.06E-08	1.22E-07	7.16E-08	1.47E-08	8.63E-08
3095	624309.08	4265727.07	4.82E-07	1.66E-07	6.48E-07	4.03E-07	1.24E-07	5.27E-07	9.55E-08	3.18E-08	1.27E-07	7.44E-08	1.53E-08	8.98E-08
3096	624308.93	4265736.96	5.01E-07	1.72E-07	6.73E-07	4.19E-07	1.29E-07	5.48E-07	9.91E-08	3.30E-08	1.32E-07	7.73E-08	1.59E-08	9.32E-08
3097	624308.79	4265746.86	5.19E-07	1.79E-07	6.98E-07	4.34E-07	1.34E-07	5.68E-07	1.03E-07	3.42E-08	1.37E-07	8.02E-08	1.65E-08	9.66E-08
3098	624308.65	4265756.75	5.38E-07	1.85E-07	7.23E-07	4.50E-07	1.38E-07	5.88E-07	1.06E-07	3.54E-08	1.42E-07	8.30E-08	1.71E-08	1.00E-07
3099	624308.5	4265766.64	5.56E-07	1.91E-07	7.47E-07	4.65E-07	1.43E-07	6.08E-07	1.10E-07	3.66E-08	1.47E-07	8.58E-08	1.76E-08	1.03E-07
3100	624308.36	4265776.53	5.74E-07	1.97E-07	7.71E-07	4.80E-07	1.48E-07	6.27E-07	1.14E-07	3.78E-08	1.51E-07	8.85E-08	1.82E-08	1.07E-07
3101	624308.07	4265796.32	6.08E-07	2.09E-07	8.17E-07	5.08E-07	1.56E-07	6.65E-07	1.20E-07	4.00E-08	1.60E-07	9.38E-08	1.93E-08	1.13E-07
3102	624307.93	4265806.21	6.24E-07	2.15E-07	8.38E-07	5.21E-07	1.61E-07	6.82E-07	1.23E-07	4.11E-08	1.65E-07	9.63E-08	1.98E-08	1.16E-07
3103	624307.79	4265816.1	6.39E-07	2.20E-07	8.59E-07	5.34E-07	1.65E-07	6.99E-07	1.27E-07	4.21E-08	1.69E-07	9.86E-08	2.03E-08	1.19E-07
3104	624307.65	4265826	6.54E-07	2.25E-07	8.78E-07	5.46E-07	1.68E-07	7.15E-07	1.29E-07	4.31E-08	1.72E-07	1.01E-07	2.07E-08	1.22E-07
3105	624303.57	4265659.14	3.55E-07	1.22E-07	4.76E-07	2.96E-07	9.13E-08	3.88E-07	7.02E-08	2.34E-08	9.35E-08	5.47E-08	1.13E-08	6.60E-08
3106	624299.94	4265667.57	3.58E-07	1.23E-07	4.81E-07	2.99E-07	9.22E-08	3.91E-07	7.09E-08	2.36E-08	9.45E-08	5.53E-08	1.14E-08	6.66E-08
3107	624299.79	4265677.46	3.71E-07	1.28E-07	4.99E-07	3.10E-07	9.55E-08	4.06E-07	7.35E-08	2.45E-08	9.79E-08	5.73E-08	1.18E-08	6.90E-08
3108	624299.65	4265687.36	3.85E-07	1.32E-07	5.17E-07	3.22E-07	9.91E-08	4.21E-07	7.62E-08	2.54E-08	1.02E-07	5.94E-08	1.22E-08	7.16E-08
3109	624299.51	4265697.25	3.99E-07	1.37E-07	5.36E-07	3.34E-07	1.03E-07	4.36E-07	7.90E-08	2.63E-08	1.05E-07	6.16E-08	1.27E-08	7.42E-08
3110	624299.36	4265707.14	4.14E-07	1.42E-07	5.56E-07	3.46E-07	1.07E-07	4.53E-07	8.19E-08	2.73E-08	1.09E-07	6.39E-08	1.31E-08	7.70E-08
3111	624299.22	4265717.03	4.29E-07	1.48E-07	5.77E-07	3.59E-07	1.11E-07	4.69E-07	8.50E-08	2.83E-08	1.13E-07	6.62E-08	1.36E-08	7.99E-08
3112	624299.08	4265726.93	4.45E-07	1.53E-07	5.98E-07	3.72E-07	1.15E-07	4.87E-07	8.81E-08	2.93E-08	1.17E-07	6.87E-08	1.41E-08	8.28E-08
3113	624298.93	4265736.82	4.61E-07	1.58E-07	6.19E-07	3.85E-07	1.19E-07	5.04E-07	9.12E-08	3.04E-08	1.22E-07	7.11E-08	1.46E-08	8.57E-08
3114	624298.79	4265746.71	4.77E-07	1.64E-07	6.41E-07	3.98E-07	1.23E-07	5.21E-07	9.44E-08	3.14E-08	1.26E-07	7.36E-08	1.51E-08	8.87E-08
3115	624298.65	4265756.6	4.93E-07	1.69E-07	6.62E-07	4.12E-07	1.27E-07	5.39E-07	9.75E-08	3.25E-08	1.30E-07	7.60E-08	1.56E-08	9.16E-08
3116	624298.51	4265766.5	5.08E-07	1.75E-07	6.83E-07	4.25E-07	1.31E-07	5.56E-07	1.01E-07	3.35E-08	1.34E-07	7.84E-08	1.61E-08	9.46E-08
3117	624298.36	4265776.39	5.24E-07	1.80E-07	7.04E-07	4.38E-07	1.35E-07	5.73E-07	1.04E-07	3.45E-08	1.38E-07	8.08E-08	1.66E-08	9.74E-08
3118	624298.08	4265796.17	5.53E-07	1.90E-07	7.44E-07	4.63E-07	1.42E-07	6.05E-07	1.10E-07	3.65E-08	1.46E-07	8.54E-08	1.76E-08	1.03E-07
3119	624297.93	4265806.07	5.67E-07	1.95E-07	7.63E-07	4.74E-07	1.46E-07	6.20E-07	1.12E-07	3.74E-08	1.50E-07	8.76E-08	1.80E-08	1.06E-07
3120	624297.79	4265815.96	5.81E-07	2.00E-07	7.81E-07	4.86E-07	1.50E-07	6.35E-07	1.15E-07	3.83E-08	1.53E-07	8.97E-08	1.84E-08	1.08E-07
3121	624297.65	4265825.85	5.94E-07	2.04E-07	7.98E-07	4.97E-07	1.53E-07	6.49E-07	1.18E-07	3.91E-08	1.57E-07	9.17E-08	1.89E-08	1.11E-07
3122	624293.47	4265659.23	3.35E-07	1.15E-07	4.50E-07	2.80E-07	8.63E-08	3.66E-07	6.64E-08	2.21E-08	8.84E-08	5.17E-08	1.06E-08	6.24E-08
3123	624289.94	4265667.43	3.38E-07	1.16E-07	4.54E-07	2.83E-07	8.71E-08	3.70E-07	6.69E-08	2.23E-08	8.92E-08	5.22E-08	1.07E-08	6.29E-08
3124	624289.79	4265677.32	3.49E-07	1.20E-07	4.70E-07	2.92E-07	9.00E-08	3.82E-07	6.92E-08	2.30E-08	9.22E-08	5.39E-08	1.11E-08	6.50E-08
3125	624289.65	4265687.21	3.61E-07	1.24E-07	4.86E-07	3.02E-07	9.30E-08	3.95E-07	7.15E-08	2.38E-08	9.53E-08	5.57E-08	1.15E-08	6.72E-08
3126	624289.51	4265697.1	3.74E-07	1.28E-07	5.02E-07	3.12E-07	9.62E-08	4.08E-07	7.39E-08	2.46E-08	9.86E-08	5.76E-08	1.19E-08	6.95E-08
3127	624289.36	4265707	3.86E-07	1.33E-07	5.19E-07	3.23E-07	9.95E-08	4.22E-07	7.65E-08	2.55E-08	1.02E-07	5.96E-08	1.23E-08	7.19E-08
3128	624289.22	4265716.89	4.00E-07	1.37E-07	5.37E-07	3.34E-07	1.03E-07	4.37E-07	7.91E-08	2.63E-08	1.05E-07	6.17E-08	1.27E-08	7.43E-08
3129	624289.08	4265726.78	4.13E-07	1.42E-07	5.55E-07	3.45E-07	1.06E-07	4.52E-07	8.18E-08	2.72E-08	1.09E-07	6.38E-08	1.31E-08	7.69E-08
3130	624288.94	4265736.67	4.27E-07	1.47E-07	5.74E-07	3.57E-07	1.10E-07	4.67E-07	8.45E-08	2.81E-08	1.13E-07	6.59E-08	1.35E-08	7.94E-08
3131	624288.79	4265746.57	4.41E-07	1.52E-07	5.92E-07	3.68E-07	1.13E-07	4.82E-07	8.72E-08	2.90E-08	1.16E-07	6.80E-08	1.40E-08	8.20E-08
3132	624288.65	4265756.46	4.54E-07	1.56E-07	6.11E-07	3.80E-07	1.17E-07	4.97E-07	9.00E-08	2.99E-08	1.20E-07	7.01E-08	1.44E-08	8.45E-08
3133	624288.51	4265766.35	4.68E-07	1.61E-07	6.29E-07	3.91E-07	1.21E-07	5.12E-07	9.27E-08	3.08E-08	1.23E-07	7.22E-08	1.49E-08	8.71E-08
3134	624288.36	4265776.24	4.82E-07	1.66E-07	6.47E-07	4.02E-07	1.24E-07	5.26E-07	9.53E-08	3.17E-08	1.27E-07	7.43E-08	1.53E-08	8.96E-08
3135	624288.08	4265796.03	5.08E-07	1.75E-07	6.82E-07	4.24E-07	1.31E-07	5.55E-07	1.00E-07	3.34E-08	1.34E-07	7.83E-08	1.61E-08	9.44E-08
3136	624287.93	4265805.92	5.20E-07	1.79E-07	6.99E-07	4.35E-07	1.34E-07	5.69E-07	1.03E-07	3.43E-08	1.37E-07	8.03E-08	1.65E-08	9.68E-08
3137	624287.79	4265815.81	5.32E-07	1.83E-07	7.15E-07	4.45E-07	1.37E-07	5.82E-07	1.05E-07	3.51E-08	1.40E-07	8.21E-08	1.69E-08	9.90E-08
3138	624287.65	4265825.71	5.44E-07	1.87E-07	7.31E-07	4.54E-07	1.40E-07	5.94E-07	1.08E-07	3.58E-08	1.43E-07	8.39E-08	1.73E-08	1.01E-07
3139	624283.4	4265659.25	3.18E-07	1.09E-07	4.27E-07	2.66E-07	8.18E-08	3.48E-07	6.29E-08	2.09E-08	8.39E-08	4.90E-08	1.01E-08	5.91E-08
3140	624279.8	4265677.18	3.30E-07	1.14E-07	4.44E-07	2.76E-07	8.50E-08	3.61E-07	6.54E-08	2.18E-08	8.71E-08	5.10E-08	1.05E-08	6.14E-08
3141	624279.65	4265687.07	3.41E-07	1.17E-07	4.58E-07	2.85E-07	8.77E-08	3.72E-07	6.74E-08	2.24E-08	8.98E-08	5.25E-08	1.08E-08	6.34E-08
3142	624279.51	4265696.96	3.51E-07	1.21E-07	4.72E-07	2.94E-07	9.04E-08	3.84E-07	6.95E-08	2.31E-08	9.27E-08	5.42E-08	1.11E-08	6.53E-08
3143	624279.37	4265706.85	3.62E-07	1.25E-07	4.87E-07	3.03E-07	9.33E-08	3.96E-07	7.17E-08	2.39E-08	9.56E-08	5.59E-08	1.15E-08	6.74E-08
3144	624279.22	4265716.75	3.74E-07	1.29E-07	5.02E-07	3.12E-07	9.63E-08	4.09E-07	7.40E-08	2.46E-08	9.86E-08	5.77E-08	1.19E-08	6.96E-08
3145	624279.08	4265726.64	3.86E-07	1.33E-07	5.18E-07	3.22E-07	9.93E-08	4.22E-07	7.63E-08	2.54E-08	1.02E-07	5.95E-08	1.22E-08	7.18E-08
3146	624278.94	4265736.53	3.98E-07	1.37E-07	5.35E-07	3.32E-07	1.02E-07	4.35E-07	7.87E-08	2.62E-08	1.05E-07	6.14E-08	1.26E-08	7.40E-08
3147	624278.79	4265746.42	4.10E-07	1.41E-07	5.51E-07	3.43E-07	1.06E-07	4.48E-07	8.11E-08	2.70E-08	1.08E-07	6.32E-08	1.30E-08	7.62E-08
3148	624278.65	4265756.32	4.22E-07	1.45E-07	5.67E-07	3.53E-07	1.09E-07	4.61E-07	8.35E-08	2.78E-08	1.11E-07	6.51E-08	1.34E-08	7.85E-08
3149	624278.51	4265766.21	4.34E-07	1.49E-07	5.83E-07	3.63E-07	1.12E-07	4.74E-07	8.59E-08	2.86E-08	1.14E-07	6.69E-08	1.38E-08	8.07E-08
3150	624278.36	4265776.1	4.46E-07	1.53E-07	5.99E-07	3.72E-07	1.15E-07	4.87E-07	8.82E-08	2.94E-08	1.18E-07	6.88E-08	1.41E-08	8.29E-08
3151	624278.08	4265795.89	4.69E-07	1.61E-07	6.30E-07	3.92E-07	1.21E-07	5.12E-07	9.28E-08	3.09E-08	1.24E-07	7.23E-08	1.49E-08	8.72E-08
3152	624277.93	4265805.78	4.80E-07	1.65E-07	6.45E-07	4.01E-07	1.24E-07	5.25E-07	9.50E-08	3.16E-08	1.27E-07	7.40E-08	1.52E-08	8.93E-08
3153	624277.79	4265815.67	4.90E-07	1.69E-07	6.59E-07	4.10E-07	1.26E-07	5.36E-07	9.71E-08	3.23E-08	1.29E-07	7.57E-08	1.56E-08	9.13E-08
3154	624277.65	4265825.56	5.01E-07	1.72E-07	6.73E-07	4.19E-07	1.29E-07	5.48E-07	9.91E-08	3.30E-08	1.32E-07	7.73E-08	1.59E-08	9.32E-08
3155	624342.9	4265585.72	3.24E-07	1.11E-07	4.35E-07	2.71E-07	8.34E-08	3.54E-07	6.41E-08	2.13E-08	8.54E-08	5.00E-08	1.03E-08	6.02E-08
3156	624352.04	4265582.09	3.31E-07	1.14E-07	4.45E-07	2.77E-07	8.53E-08	3.62E-07	6.56E-08	2.18E-08	8.75E-08	5.11E-08	1.05E-08	6.17E-08
3157	624269.94	4265667.14	3.04E-07	1.05E-07	4.09E-07	2.54E-07	7.83E-08	3.32E-07	6.02E-08	2.00E-08	8.02E-08	4.69E-08	9.65E-09	5.66E-08
3158	624269.8	4265677.03	3.13E-07	1.08E-07	4.20E-07	2.62E-07	8.06E-08	3.42E-07	6.19E-08	2.06E-08	8.25E-08	4.83E-08	9.93E-09	5.82E-08
3159	624269.65	4265686.92	3.22E-07	1.11E-07	4.33E-07	2.69E-07	8.29E-08	3.52E-07	6.37E-08	2.12E-08	8.50E-08	4.97E-08	1.02E-08	5.99E-08
3160	624269.51	4265696.82	3.31E-07	1.14E-07	4.45E-07	2.77E-07	8.53E-08	3.62E-07	6.56E-08	2.18E-08	8.74E-08	5.11E-08	1.05E-08	6.17E-08
3161	624269.37	4265706.71	3.41E-07	1.17E-07	4.58E-07	2.85E-07	8.78E-08	3.73E-07	6.75E-08	2.25E-08	9.00E-08	5.26E-08	1.08E-08	6.35E-08
3162	624269.22	4265716.6	3.51E-07	1.21E-07	4.72E-07	2.94E-07	9.04E-08	3.84E-07	6.95E-08	2.31E-08	9.27E-08	5.42E-08	1.11E-08	6.53E-08
3163	624269.08	4265726.49	3.62E-07	1.24E-07	4.86E-07	3.02E-07	9.31E-08	3.95E-07	7.16E-08	2.38E-08	9.54E-08	5.58E-08	1.15E-08	6.73E-08
3164	624268.94	4265736.39	3.72E-07	1.28E-07	5.00E-07	3.11E-07	9.58E-08	4.07E-07	7.37E-08	2.45E-08	9.82E-08	5.74E-08	1.18E-08	6.92E-08

3165	624268.79	4265746.28	3.83E-07	1.32E-07	5.15E-07	3.20E-07	9.86E-08	4.19E-07	7.58E-08	2.52E-08	1.01E-07	5.91E-08	1.22E-08	7.12E-08
3166	624268.65	4265756.17	3.94E-07	1.35E-07	5.29E-07	3.29E-07	1.01E-07	4.30E-07	7.79E-08	2.59E-08	1.04E-07	6.07E-08	1.25E-08	7.32E-08
3167	624268.51	4265766.06	4.04E-07	1.39E-07	5.43E-07	3.38E-07	1.04E-07	4.42E-07	8.00E-08	2.66E-08	1.07E-07	6.24E-08	1.28E-08	7.52E-08
3168	624268.37	4265775.96	4.15E-07	1.43E-07	5.57E-07	3.47E-07	1.07E-07	4.53E-07	8.21E-08	2.73E-08	1.09E-07	6.40E-08	1.32E-08	7.71E-08
3169	624268.08	4265795.74	4.35E-07	1.50E-07	5.85E-07	3.64E-07	1.12E-07	4.76E-07	8.61E-08	2.87E-08	1.15E-07	6.71E-08	1.38E-08	8.09E-08
3170	624267.94	4265805.63	4.45E-07	1.53E-07	5.98E-07	3.72E-07	1.15E-07	4.86E-07	8.81E-08	2.93E-08	1.17E-07	6.87E-08	1.41E-08	8.28E-08
3171	624267.79	4265815.53	4.55E-07	1.56E-07	6.11E-07	3.80E-07	1.17E-07	4.97E-07	9.00E-08	2.99E-08	1.20E-07	7.01E-08	1.44E-08	8.46E-08
3172	624267.65	4265825.42	4.64E-07	1.59E-07	6.23E-07	3.88E-07	1.19E-07	5.07E-07	9.18E-08	3.06E-08	1.22E-07	7.16E-08	1.47E-08	8.63E-08
3173	624316.89	4265586.13	2.92E-07	1.00E-07	3.92E-07	2.44E-07	7.51E-08	3.19E-07	5.77E-08	1.92E-08	7.69E-08	4.50E-08	9.25E-09	5.42E-08
3174	624325.77	4265582.59	2.98E-07	1.03E-07	4.01E-07	2.49E-07	7.68E-08	3.26E-07	5.91E-08	1.97E-08	7.87E-08	4.60E-08	9.47E-09	5.55E-08
3175	624334.66	4265579.06	3.05E-07	1.05E-07	4.10E-07	2.55E-07	7.85E-08	3.34E-07	6.04E-08	2.01E-08	8.05E-08	4.71E-08	9.68E-09	5.68E-08
3176	624343.54	4265575.52	3.12E-07	1.07E-07	4.19E-07	2.60E-07	8.02E-08	3.41E-07	6.17E-08	2.05E-08	8.22E-08	4.81E-08	9.89E-09	5.80E-08
3177	624352.43	4265571.99	3.18E-07	1.09E-07	4.28E-07	2.66E-07	8.19E-08	3.48E-07	6.30E-08	2.10E-08	8.40E-08	4.91E-08	1.01E-08	5.92E-08
3178	624259.94	4265666.99	2.89E-07	9.95E-08	3.89E-07	2.42E-07	7.45E-08	3.16E-07	5.73E-08	1.91E-08	7.63E-08	4.46E-08	9.18E-09	5.38E-08
3179	624259.8	4265676.89	2.97E-07	1.02E-07	3.99E-07	2.48E-07	7.65E-08	3.25E-07	5.88E-08	1.96E-08	7.84E-08	4.59E-08	9.43E-09	5.53E-08
3180	624259.65	4265686.78	3.05E-07	1.05E-07	4.10E-07	2.55E-07	7.86E-08	3.34E-07	6.04E-08	2.01E-08	8.05E-08	4.71E-08	9.69E-09	5.68E-08
3181	624259.51	4265696.67	3.14E-07	1.08E-07	4.21E-07	2.62E-07	8.07E-08	3.43E-07	6.21E-08	2.07E-08	8.27E-08	4.84E-08	9.95E-09	5.83E-08
3182	624259.37	4265706.56	3.22E-07	1.11E-07	4.33E-07	2.69E-07	8.30E-08	3.52E-07	6.38E-08	2.12E-08	8.50E-08	4.97E-08	1.02E-08	5.99E-08
3183	624259.22	4265716.46	3.31E-07	1.14E-07	4.45E-07	2.77E-07	8.52E-08	3.62E-07	6.55E-08	2.18E-08	8.73E-08	5.11E-08	1.05E-08	6.16E-08
3184	624259.08	4265726.35	3.40E-07	1.17E-07	4.57E-07	2.84E-07	8.76E-08	3.72E-07	6.73E-08	2.24E-08	8.98E-08	5.25E-08	1.08E-08	6.33E-08
3185	624258.94	4265736.24	3.50E-07	1.20E-07	4.70E-07	2.92E-07	9.00E-08	3.82E-07	6.92E-08	2.30E-08	9.22E-08	5.39E-08	1.11E-08	6.50E-08
3186	624258.8	4265746.13	3.59E-07	1.23E-07	4.83E-07	3.00E-07	9.25E-08	3.93E-07	7.11E-08	2.37E-08	9.47E-08	5.54E-08	1.14E-08	6.68E-08
3187	624258.65	4265756.03	3.69E-07	1.27E-07	4.95E-07	3.08E-07	9.49E-08	4.03E-07	7.30E-08	2.43E-08	9.73E-08	5.69E-08	1.17E-08	6.86E-08
3188	624258.51	4265765.92	3.78E-07	1.30E-07	5.08E-07	3.16E-07	9.73E-08	4.13E-07	7.48E-08	2.49E-08	9.97E-08	5.83E-08	1.20E-08	7.03E-08
3189	624258.37	4265775.81	3.87E-07	1.33E-07	5.21E-07	3.24E-07	9.98E-08	4.24E-07	7.67E-08	2.55E-08	1.02E-07	5.98E-08	1.23E-08	7.21E-08
3190	624258.08	4265795.6	4.06E-07	1.40E-07	5.45E-07	3.39E-07	1.04E-07	4.44E-07	8.03E-08	2.67E-08	1.07E-07	6.26E-08	1.29E-08	7.55E-08
3191	624257.94	4265805.49	4.15E-07	1.43E-07	5.57E-07	3.47E-07	1.07E-07	4.53E-07	8.21E-08	2.73E-08	1.09E-07	6.40E-08	1.32E-08	7.71E-08
3192	624257.79	4265815.38	4.23E-07	1.46E-07	5.69E-07	3.54E-07	1.09E-07	4.63E-07	8.38E-08	2.79E-08	1.12E-07	6.53E-08	1.34E-08	7.87E-08
3193	624257.65	4265825.27	4.32E-07	1.48E-07	5.80E-07	3.61E-07	1.11E-07	4.72E-07	8.54E-08	2.84E-08	1.14E-07	6.66E-08	1.37E-08	8.03E-08
3194	624238.73	4265657.85	2.56E-07	8.81E-08	3.44E-07	2.14E-07	6.60E-08	2.80E-07	5.07E-08	1.69E-08	6.76E-08	3.95E-08	8.13E-09	4.77E-08
3195	624242.51	4265649.07	2.55E-07	8.77E-08	3.43E-07	2.13E-07	6.56E-08	2.79E-07	5.05E-08	1.68E-08	6.73E-08	3.93E-08	8.09E-09	4.74E-08
3196	624246.3	4265640.28	2.54E-07	8.72E-08	3.41E-07	2.12E-07	6.53E-08	2.77E-07	5.02E-08	1.67E-08	6.69E-08	3.91E-08	8.05E-09	4.72E-08
3197	624269.02	4265587.59	2.44E-07	8.38E-08	3.27E-07	2.04E-07	6.27E-08	2.66E-07	4.82E-08	1.60E-08	6.43E-08	3.76E-08	7.73E-09	4.53E-08
3198	624281.69	4265575.27	2.47E-07	8.49E-08	3.32E-07	2.06E-07	6.36E-08	2.70E-07	4.89E-08	1.63E-08	6.51E-08	3.81E-08	7.84E-09	4.59E-08
3199	624290.57	4265571.74	2.52E-07	8.68E-08	3.39E-07	2.11E-07	6.50E-08	2.76E-07	5.00E-08	1.66E-08	6.66E-08	3.89E-08	8.01E-09	4.70E-08
3200	624299.46	4265568.2	2.58E-07	8.87E-08	3.47E-07	2.16E-07	6.64E-08	2.82E-07	5.10E-08	1.70E-08	6.80E-08	3.98E-08	8.18E-09	4.80E-08
3201	624308.35	4265564.67	2.63E-07	9.05E-08	3.54E-07	2.20E-07	6.78E-08	2.88E-07	5.21E-08	1.73E-08	6.95E-08	4.06E-08	8.36E-09	4.90E-08
3202	624317.23	4265561.13	2.69E-07	9.23E-08	3.61E-07	2.24E-07	6.91E-08	2.94E-07	5.32E-08	1.77E-08	7.08E-08	4.14E-08	8.52E-09	5.00E-08
3203	624326.12	4265557.59	2.74E-07	9.41E-08	3.68E-07	2.29E-07	7.05E-08	2.99E-07	5.42E-08	1.80E-08	7.22E-08	4.22E-08	8.68E-09	5.09E-08
3204	624335	4265554.06	2.79E-07	9.58E-08	3.75E-07	2.33E-07	7.18E-08	3.05E-07	5.52E-08	1.84E-08	7.35E-08	4.30E-08	8.85E-09	5.19E-08
3205	624343.89	4265550.52	2.84E-07	9.76E-08	3.81E-07	2.37E-07	7.31E-08	3.10E-07	5.62E-08	1.87E-08	7.49E-08	4.38E-08	9.01E-09	5.28E-08
3206	624352.78	4265546.99	2.89E-07	9.94E-08	3.88E-07	2.42E-07	7.44E-08	3.16E-07	5.72E-08	1.90E-08	7.62E-08	4.46E-08	9.17E-09	5.38E-08
3207	624234.66	4265686.42	2.70E-07	9.27E-08	3.62E-07	2.25E-07	6.94E-08	2.95E-07	5.34E-08	1.78E-08	7.11E-08	4.16E-08	8.56E-09	5.02E-08
3208	624234.51	4265696.31	2.76E-07	9.49E-08	3.71E-07	2.31E-07	7.10E-08	3.02E-07	5.46E-08	1.82E-08	7.28E-08	4.26E-08	8.76E-09	5.13E-08
3209	624234.37	4265706.2	2.82E-07	9.71E-08	3.79E-07	2.36E-07	7.27E-08	3.09E-07	5.59E-08	1.86E-08	7.45E-08	4.36E-08	8.96E-09	5.25E-08
3210	624234.23	4265716.09	2.89E-07	9.94E-08	3.88E-07	2.42E-07	7.44E-08	3.16E-07	5.72E-08	1.90E-08	7.62E-08	4.46E-08	9.17E-09	5.38E-08
3211	624234.08	4265725.99	2.96E-07	1.02E-07	3.98E-07	2.47E-07	7.62E-08	3.23E-07	5.86E-08	1.95E-08	7.81E-08	4.57E-08	9.39E-09	5.50E-08
3212	624233.94	4265735.88	3.03E-07	1.04E-07	4.07E-07	2.53E-07	7.80E-08	3.31E-07	6.00E-08	2.00E-08	7.99E-08	4.67E-08	9.61E-09	5.64E-08
3213	624233.8	4265745.77	3.10E-07	1.07E-07	4.17E-07	2.59E-07	7.99E-08	3.39E-07	6.14E-08	2.04E-08	8.18E-08	4.79E-08	9.84E-09	5.77E-08
3214	624233.65	4265755.66	3.17E-07	1.09E-07	4.27E-07	2.65E-07	8.17E-08	3.47E-07	6.28E-08	2.09E-08	8.38E-08	4.90E-08	1.01E-08	5.91E-08
3215	624233.51	4265765.56	3.25E-07	1.12E-07	4.37E-07	2.71E-07	8.36E-08	3.55E-07	6.43E-08	2.14E-08	8.57E-08	5.01E-08	1.03E-08	6.04E-08
3216	624233.37	4265775.45	3.32E-07	1.14E-07	4.46E-07	2.78E-07	8.55E-08	3.63E-07	6.57E-08	2.19E-08	8.76E-08	5.12E-08	1.05E-08	6.18E-08
3217	624233.23	4265785.34	3.39E-07	1.17E-07	4.56E-07	2.84E-07	8.73E-08	3.71E-07	6.71E-08	2.24E-08	8.95E-08	5.23E-08	1.08E-08	6.31E-08
3218	624233.08	4265795.23	3.46E-07	1.19E-07	4.65E-07	2.89E-07	8.91E-08	3.79E-07	6.85E-08	2.28E-08	9.14E-08	5.34E-08	1.10E-08	6.44E-08
3219	624232.94	4265805.13	3.53E-07	1.21E-07	4.75E-07	2.95E-07	9.09E-08	3.86E-07	6.99E-08	2.33E-08	9.32E-08	5.45E-08	1.12E-08	6.57E-08
3220	624232.8	4265815.02	3.60E-07	1.24E-07	4.84E-07	3.01E-07	9.27E-08	3.94E-07	7.12E-08	2.37E-08	9.50E-08	5.55E-08	1.14E-08	6.70E-08
3221	624232.65	4265824.91	3.66E-07	1.26E-07	4.92E-07	3.06E-07	9.43E-08	4.01E-07	7.25E-08	2.41E-08	9.67E-08	5.65E-08	1.16E-08	6.82E-08
3222	624213.73	4265657.49	2.30E-07	7.92E-08	3.10E-07	1.93E-07	5.93E-08	2.52E-07	4.56E-08	1.52E-08	6.08E-08	3.56E-08	7.31E-09	4.29E-08
3223	624217.52	4265648.71	2.30E-07	7.89E-08	3.09E-07	1.92E-07	5.91E-08	2.51E-07	4.54E-08	1.51E-08	6.06E-08	3.54E-08	7.29E-09	4.27E-08
3224	624221.3	4265639.92	2.29E-07	7.86E-08	3.07E-07	1.91E-07	5.89E-08	2.50E-07	4.53E-08	1.51E-08	6.03E-08	3.53E-08	7.26E-09	4.25E-08
3225	624225.09	4265631.14	2.28E-07	7.83E-08	3.06E-07	1.90E-07	5.86E-08	2.49E-07	4.51E-08	1.50E-08	6.01E-08	3.51E-08	7.23E-09	4.24E-08
3226	624244.02	4265587.23	2.22E-07	7.65E-08	2.99E-07	1.86E-07	5.73E-08	2.43E-07	4.40E-08	1.47E-08	5.87E-08	3.43E-08	7.06E-09	4.14E-08
3227	624247.81	4265578.45	2.21E-07	7.60E-08	2.97E-07	1.85E-07	5.69E-08	2.42E-07	4.37E-08	1.46E-08	5.83E-08	3.41E-08	7.01E-09	4.11E-08
3228	624251.59	4265569.66	2.19E-07	7.54E-08	2.95E-07	1.83E-07	5.65E-08	2.40E-07	4.34E-08	1.45E-08	5.79E-08	3.38E-08	6.96E-09	4.08E-08
3229	624264.26	4265557.35	2.22E-07	7.64E-08	2.99E-07	1.86E-07	5.72E-08	2.43E-07	4.40E-08	1.46E-08	5.86E-08	3.43E-08	7.05E-09	4.13E-08
3230	624273.15	4265553.81	2.27E-07	7.80E-08	3.05E-07	1.90E-07	5.84E-08	2.48E-07	4.49E-08	1.49E-08	5.98E-08	3.50E-08	7.20E-09	4.22E-08
3231	624282.04	4265550.28	2.31E-07	7.95E-08	3.11E-07	1.93E-07	5.95E-08	2.53E-07	4.58E-08	1.52E-08	6.10E-08	3.57E-08	7.34E-09	4.30E-08
3232	624290.92	4265546.74	2.36E-07	8.10E-08	3.17E-07	1.97E-07	6.07E-08	2.58E-07	4.67E-08	1.55E-08	6.22E-08	3.64E-08	7.48E-09	4.38E-08
3233	624299.81	4265543.2	2.40E-07	8.25E-08	3.22E-07	2.01E-07	6.18E-08	2.62E-07	4.75E-08	1.58E-08	6.33E-08	3.70E-08	7.62E-09	4.46E-08
3234	624308.69	4265539.67	2.44E-07	8.39E-08	3.28E-07	2.04E-07	6.29E-08	2.67E-07	4.83E-08	1.61E-08	6.44E-08	3.77E-08	7.75E-09	4.54E-08
3235	624317.58	4265536.13	2.48E-07	8.53E-08	3.33E-07	2.07E-07	6.39E-08	2.71E-07	4.91E-08	1.64E-08	6.55E-08	3.83E-08	7.88E-09	4.62E-08
3236	624326.47	4265532.6	2.52E-07	8.67E-08	3.39E-07	2.11E-07	6.49E-08	2.76E-07	4.99E-08	1.66E-08	6.65E-08	3.89E-08	8.00E-09	4.69E-08

3237	624335.35	4265529.06	2.56E-07	8.81E-08	3.44E-07	2.14E-07	6.59E-08	2.80E-07	5.07E-08	1.69E-08	6.76E-08	3.95E-08	8.13E-09	4.76E-08
3238	624344.24	4265525.53	2.60E-07	8.95E-08	3.50E-07	2.17E-07	6.70E-08	2.84E-07	5.15E-08	1.71E-08	6.86E-08	4.01E-08	8.26E-09	4.84E-08
3239	624353.12	4265521.99	2.64E-07	9.09E-08	3.55E-07	2.21E-07	6.81E-08	2.89E-07	5.23E-08	1.74E-08	6.97E-08	4.08E-08	8.39E-09	4.92E-08
3240	624209.95	4265666.27	2.31E-07	7.95E-08	3.11E-07	1.93E-07	5.95E-08	2.53E-07	4.58E-08	1.52E-08	6.10E-08	3.57E-08	7.34E-09	4.30E-08
3241	624209.8	4265676.16	2.36E-07	8.12E-08	3.17E-07	1.97E-07	6.08E-08	2.58E-07	4.67E-08	1.56E-08	6.23E-08	3.64E-08	7.49E-09	4.39E-08
3242	624209.66	4265686.06	2.41E-07	8.29E-08	3.24E-07	2.01E-07	6.20E-08	2.63E-07	4.77E-08	1.59E-08	6.36E-08	3.72E-08	7.65E-09	4.48E-08
3243	624209.09	4265725.63	2.61E-07	8.98E-08	3.51E-07	2.18E-07	6.73E-08	2.86E-07	5.17E-08	1.72E-08	6.89E-08	4.03E-08	8.29E-09	4.86E-08
3244	624208.94	4265735.52	2.67E-07	9.17E-08	3.58E-07	2.23E-07	6.87E-08	2.92E-07	5.28E-08	1.76E-08	7.04E-08	4.12E-08	8.46E-09	4.96E-08
3245	624208.8	4265745.41	2.72E-07	9.37E-08	3.66E-07	2.28E-07	7.01E-08	2.98E-07	5.39E-08	1.79E-08	7.19E-08	4.20E-08	8.64E-09	5.07E-08
3246	624208.66	4265755.3	2.78E-07	9.56E-08	3.74E-07	2.32E-07	7.16E-08	3.04E-07	5.50E-08	1.83E-08	7.34E-08	4.29E-08	8.83E-09	5.17E-08
3247	624208.51	4265765.2	2.84E-07	9.76E-08	3.82E-07	2.37E-07	7.31E-08	3.10E-07	5.62E-08	1.87E-08	7.49E-08	4.38E-08	9.01E-09	5.28E-08
3248	624208.37	4265775.09	2.90E-07	9.96E-08	3.89E-07	2.42E-07	7.46E-08	3.17E-07	5.74E-08	1.91E-08	7.64E-08	4.47E-08	9.20E-09	5.39E-08
3249	624208.23	4265784.98	2.96E-07	1.02E-07	3.97E-07	2.47E-07	7.61E-08	3.23E-07	5.85E-08	1.95E-08	7.80E-08	4.56E-08	9.38E-09	5.50E-08
3250	624208.09	4265794.87	3.01E-07	1.04E-07	4.05E-07	2.52E-07	7.75E-08	3.29E-07	5.96E-08	1.98E-08	7.95E-08	4.65E-08	9.56E-09	5.60E-08
3251	624207.94	4265804.77	3.07E-07	1.05E-07	4.12E-07	2.56E-07	7.90E-08	3.35E-07	6.07E-08	2.02E-08	8.09E-08	4.73E-08	9.73E-09	5.71E-08
3252	624207.8	4265814.66	3.12E-07	1.07E-07	4.20E-07	2.61E-07	8.04E-08	3.41E-07	6.18E-08	2.06E-08	8.24E-08	4.82E-08	9.91E-09	5.81E-08
3253	624207.66	4265824.55	3.17E-07	1.09E-07	4.27E-07	2.65E-07	8.17E-08	3.47E-07	6.28E-08	2.09E-08	8.38E-08	4.90E-08	1.01E-08	5.91E-08
3254	624219.02	4265586.87	2.04E-07	7.01E-08	2.74E-07	1.70E-07	5.24E-08	2.23E-07	4.03E-08	1.34E-08	5.37E-08	3.14E-08	6.46E-09	3.79E-08
3255	624222.81	4265578.09	2.03E-07	6.97E-08	2.73E-07	1.69E-07	5.22E-08	2.22E-07	4.01E-08	1.34E-08	5.35E-08	3.13E-08	6.44E-09	3.77E-08
3256	624226.59	4265569.3	2.02E-07	6.94E-08	2.71E-07	1.69E-07	5.19E-08	2.21E-07	3.99E-08	1.33E-08	5.32E-08	3.11E-08	6.40E-09	3.75E-08
3257	624230.38	4265560.52	2.01E-07	6.90E-08	2.70E-07	1.68E-07	5.16E-08	2.19E-07	3.97E-08	1.32E-08	5.29E-08	3.09E-08	6.37E-09	3.73E-08
3258	624234.17	4265551.74	1.99E-07	6.85E-08	2.68E-07	1.67E-07	5.13E-08	2.18E-07	3.95E-08	1.31E-08	5.26E-08	3.08E-08	6.33E-09	3.71E-08
3259	624246.84	4265539.42	2.02E-07	6.94E-08	2.71E-07	1.69E-07	5.20E-08	2.21E-07	4.00E-08	1.33E-08	5.33E-08	3.11E-08	6.41E-09	3.76E-08
3260	624255.72	4265535.88	2.06E-07	7.07E-08	2.76E-07	1.72E-07	5.30E-08	2.25E-07	4.07E-08	1.36E-08	5.43E-08	3.17E-08	6.53E-09	3.83E-08
3261	624264.61	4265532.35	2.10E-07	7.21E-08	2.82E-07	1.75E-07	5.39E-08	2.29E-07	4.15E-08	1.38E-08	5.53E-08	3.23E-08	6.65E-09	3.90E-08
3262	624273.5	4265528.81	2.13E-07	7.33E-08	2.87E-07	1.78E-07	5.49E-08	2.33E-07	4.22E-08	1.41E-08	5.63E-08	3.29E-08	6.77E-09	3.97E-08
3263	624282.38	4265525.28	2.17E-07	7.46E-08	2.91E-07	1.81E-07	5.58E-08	2.37E-07	4.29E-08	1.43E-08	5.72E-08	3.35E-08	6.88E-09	4.03E-08
3264	624291.27	4265521.74	2.20E-07	7.58E-08	2.96E-07	1.84E-07	5.67E-08	2.41E-07	4.36E-08	1.45E-08	5.81E-08	3.40E-08	6.99E-09	4.10E-08
3265	624300.15	4265518.21	2.24E-07	7.69E-08	3.01E-07	1.87E-07	5.76E-08	2.45E-07	4.43E-08	1.47E-08	5.90E-08	3.45E-08	7.10E-09	4.16E-08
3266	624309.04	4265514.67	2.27E-07	7.80E-08	3.05E-07	1.90E-07	5.84E-08	2.48E-07	4.49E-08	1.50E-08	5.99E-08	3.50E-08	7.20E-09	4.22E-08
3267	624317.93	4265511.14	2.30E-07	7.91E-08	3.09E-07	1.92E-07	5.92E-08	2.52E-07	4.55E-08	1.52E-08	6.07E-08	3.55E-08	7.30E-09	4.28E-08
3268	624326.81	4265507.6	2.33E-07	8.02E-08	3.13E-07	1.95E-07	6.01E-08	2.55E-07	4.62E-08	1.54E-08	6.15E-08	3.60E-08	7.40E-09	4.34E-08
3269	624335.7	4265504.06	2.36E-07	8.13E-08	3.18E-07	1.98E-07	6.09E-08	2.59E-07	4.68E-08	1.56E-08	6.24E-08	3.65E-08	7.50E-09	4.40E-08
3270	624344.58	4265500.53	2.40E-07	8.25E-08	3.22E-07	2.00E-07	6.17E-08	2.62E-07	4.75E-08	1.58E-08	6.33E-08	3.70E-08	7.61E-09	4.46E-08
3271	624353.47	4265496.99	2.43E-07	8.37E-08	3.27E-07	2.03E-07	6.27E-08	2.66E-07	4.82E-08	1.60E-08	6.42E-08	3.76E-08	7.72E-09	4.53E-08
3272	624184.95	4265665.91	2.09E-07	7.20E-08	2.81E-07	1.75E-07	5.39E-08	2.29E-07	4.15E-08	1.38E-08	5.52E-08	3.23E-08	6.65E-09	3.90E-08
3273	624184.81	4265675.8	2.13E-07	7.34E-08	2.87E-07	1.78E-07	5.49E-08	2.33E-07	4.22E-08	1.41E-08	5.63E-08	3.29E-08	6.77E-09	3.97E-08
3274	624184.66	4265685.69	2.17E-07	7.47E-08	2.92E-07	1.82E-07	5.59E-08	2.38E-07	4.30E-08	1.43E-08	5.73E-08	3.35E-08	6.89E-09	4.04E-08
3275	624184.52	4265695.59	2.21E-07	7.61E-08	2.97E-07	1.85E-07	5.70E-08	2.42E-07	4.38E-08	1.46E-08	5.84E-08	3.41E-08	7.02E-09	4.12E-08
3276	624184.38	4265705.48	2.25E-07	7.74E-08	3.03E-07	1.88E-07	5.80E-08	2.46E-07	4.46E-08	1.48E-08	5.94E-08	3.47E-08	7.15E-09	4.19E-08
3277	624184.23	4265715.37	2.29E-07	7.88E-08	3.08E-07	1.92E-07	5.90E-08	2.51E-07	4.54E-08	1.51E-08	6.05E-08	3.54E-08	7.27E-09	4.26E-08
3278	624184.09	4265725.26	2.33E-07	8.02E-08	3.14E-07	1.95E-07	6.01E-08	2.55E-07	4.62E-08	1.54E-08	6.16E-08	3.60E-08	7.41E-09	4.34E-08
3279	624183.95	4265735.16	2.38E-07	8.17E-08	3.19E-07	1.99E-07	6.12E-08	2.60E-07	4.70E-08	1.57E-08	6.27E-08	3.67E-08	7.54E-09	4.42E-08
3280	624183.8	4265745.05	2.42E-07	8.33E-08	3.25E-07	2.02E-07	6.23E-08	2.65E-07	4.79E-08	1.60E-08	6.39E-08	3.74E-08	7.68E-09	4.50E-08
3281	624183.66	4265754.94	2.47E-07	8.49E-08	3.32E-07	2.06E-07	6.35E-08	2.70E-07	4.88E-08	1.63E-08	6.51E-08	3.81E-08	7.83E-09	4.59E-08
3282	624183.52	4265764.83	2.51E-07	8.65E-08	3.38E-07	2.10E-07	6.47E-08	2.75E-07	4.98E-08	1.66E-08	6.63E-08	3.88E-08	7.98E-09	4.68E-08
3283	624183.37	4265774.73	2.56E-07	8.81E-08	3.44E-07	2.14E-07	6.60E-08	2.80E-07	5.07E-08	1.69E-08	6.76E-08	3.95E-08	8.13E-09	4.77E-08
3284	624183.23	4265784.62	2.61E-07	8.97E-08	3.51E-07	2.18E-07	6.72E-08	2.85E-07	5.17E-08	1.72E-08	6.88E-08	4.03E-08	8.28E-09	4.85E-08
3285	624183.09	4265794.51	2.66E-07	9.13E-08	3.57E-07	2.22E-07	6.84E-08	2.90E-07	5.26E-08	1.75E-08	7.01E-08	4.10E-08	8.43E-09	4.94E-08
3286	624182.94	4265804.4	2.70E-07	9.29E-08	3.63E-07	2.26E-07	6.96E-08	2.95E-07	5.35E-08	1.78E-08	7.13E-08	4.17E-08	8.58E-09	5.03E-08
3287	624182.8	4265814.3	2.75E-07	9.45E-08	3.69E-07	2.30E-07	7.07E-08	3.00E-07	5.44E-08	1.81E-08	7.25E-08	4.24E-08	8.72E-09	5.11E-08
3288	624194.02	4265586.51	1.87E-07	6.43E-08	2.51E-07	1.56E-07	4.82E-08	2.05E-07	3.70E-08	1.23E-08	4.94E-08	2.89E-08	5.94E-09	3.48E-08
3289	624197.81	4265577.72	1.87E-07	6.41E-08	2.51E-07	1.56E-07	4.80E-08	2.04E-07	3.69E-08	1.23E-08	4.92E-08	2.88E-08	5.92E-09	3.47E-08
3290	624201.6	4265568.94	1.86E-07	6.39E-08	2.50E-07	1.55E-07	4.79E-08	2.03E-07	3.68E-08	1.23E-08	4.91E-08	2.87E-08	5.90E-09	3.46E-08
3291	624205.38	4265560.16	1.85E-07	6.37E-08	2.49E-07	1.55E-07	4.77E-08	2.02E-07	3.67E-08	1.22E-08	4.89E-08	2.86E-08	5.88E-09	3.45E-08
3292	624209.17	4265551.38	1.84E-07	6.34E-08	2.48E-07	1.54E-07	4.75E-08	2.02E-07	3.65E-08	1.21E-08	4.86E-08	2.84E-08	5.85E-09	3.43E-08
3293	624212.95	4265542.59	1.83E-07	6.31E-08	2.46E-07	1.53E-07	4.72E-08	2.01E-07	3.63E-08	1.21E-08	4.84E-08	2.83E-08	5.82E-09	3.41E-08
3294	624216.74	4265533.81	1.82E-07	6.27E-08	2.45E-07	1.52E-07	4.70E-08	1.99E-07	3.61E-08	1.20E-08	4.81E-08	2.81E-08	5.79E-09	3.39E-08
3295	624229.41	4265521.49	1.85E-07	6.35E-08	2.48E-07	1.54E-07	4.76E-08	2.02E-07	3.66E-08	1.22E-08	4.87E-08	2.85E-08	5.86E-09	3.44E-08
3296	624238.3	4265517.96	1.88E-07	6.47E-08	2.53E-07	1.57E-07	4.84E-08	2.06E-07	3.72E-08	1.24E-08	4.96E-08	2.90E-08	5.97E-09	3.50E-08
3297	624247.18	4265514.42	1.91E-07	6.58E-08	2.57E-07	1.60E-07	4.93E-08	2.09E-07	3.79E-08	1.26E-08	5.05E-08	2.95E-08	6.07E-09	3.56E-08
3298	624256.07	4265510.89	1.95E-07	6.69E-08	2.61E-07	1.63E-07	5.01E-08	2.13E-07	3.85E-08	1.28E-08	5.13E-08	3.00E-08	6.17E-09	3.62E-08
3299	624264.96	4265507.35	1.98E-07	6.80E-08	2.66E-07	1.65E-07	5.09E-08	2.16E-07	3.91E-08	1.30E-08	5.21E-08	3.05E-08	6.27E-09	3.68E-08
3300	624273.84	4265503.82	2.01E-07	6.90E-08	2.70E-07	1.68E-07	5.17E-08	2.19E-07	3.97E-08	1.32E-08	5.29E-08	3.10E-08	6.37E-09	3.73E-08
3301	624282.73	4265500.28	2.04E-07	7.00E-08	2.73E-07	1.70E-07	5.24E-08	2.22E-07	4.03E-08	1.34E-08	5.37E-08	3.14E-08	6.46E-09	3.79E-08
3302	624291.61	4265496.74	2.06E-07	7.09E-08	2.77E-07	1.72E-07	5.31E-08	2.25E-07	4.08E-08	1.36E-08	5.44E-08	3.18E-08	6.55E-09	3.84E-08
3303	624300.5	4265493.21	2.09E-07	7.18E-08	2.81E-07	1.75E-07	5.38E-08	2.28E-07	4.13E-08	1.38E-08	5.51E-08	3.22E-08	6.63E-09	3.89E-08
3304	624309.39	4265489.67	2.11E-07	7.27E-08	2.84E-07	1.77E-07	5.44E-08	2.31E-07	4.19E-08	1.39E-08	5.58E-08	3.26E-08	6.71E-09	3.93E-08
3305	624318.27	4265486.14	2.14E-07	7.36E-08	2.88E-07	1.79E-07	5.51E-08	2.34E-07	4.24E-08	1.41E-08	5.65E-08	3.30E-08	6.79E-09	3.98E-08
3306	624327.16	4265482.6	2.17E-07	7.45E-08	2.91E-07	1.81E-07	5.58E-08	2.37E-07	4.29E-08	1.43E-08	5.71E-08	3.34E-08	6.87E-09	4.03E-08
3307	624336.04	4265479.07	2.19E-07	7.54E-08	2.95E-07	1.83E-07	5.64E-08	2.40E-07	4.34E-08	1.44E-08	5.78E-08	3.38E-08	6.96E-09	4.08E-08
3308	624344.93	4265475.53	2.22E-07	7.64E-08	2.98E-07	1.86E-07	5.72E-08	2.43E-07	4.40E-08	1.46E-08	5.86E-08	3.43E-08	7.05E-09	4.13E-08

3309	624353.82	4265471.99	2.25E-07	7.74E-08	3.03E-07	1.88E-07	5.80E-08	2.46E-07	4.46E-08	1.48E-08	5.94E-08	3.47E-08	7.15E-09	4.19E-08
3310	624159.52	4265695.22	2.01E-07	6.90E-08	2.70E-07	1.68E-07	5.17E-08	2.19E-07	3.97E-08	1.32E-08	5.29E-08	3.10E-08	6.37E-09	3.73E-08
3311	624159.38	4265705.12	2.04E-07	7.01E-08	2.74E-07	1.70E-07	5.25E-08	2.23E-07	4.04E-08	1.34E-08	5.38E-08	3.15E-08	6.47E-09	3.79E-08
3312	624159.24	4265715.01	2.07E-07	7.12E-08	2.78E-07	1.73E-07	5.33E-08	2.26E-07	4.10E-08	1.36E-08	5.46E-08	3.20E-08	6.57E-09	3.85E-08
3313	624159.09	4265724.9	2.10E-07	7.24E-08	2.83E-07	1.76E-07	5.42E-08	2.30E-07	4.17E-08	1.39E-08	5.55E-08	3.25E-08	6.68E-09	3.92E-08
3314	624158.95	4265734.79	2.14E-07	7.36E-08	2.87E-07	1.79E-07	5.51E-08	2.34E-07	4.23E-08	1.41E-08	5.64E-08	3.30E-08	6.79E-09	3.98E-08
3315	624158.81	4265744.69	2.18E-07	7.48E-08	2.92E-07	1.82E-07	5.60E-08	2.38E-07	4.31E-08	1.43E-08	5.74E-08	3.36E-08	6.90E-09	4.05E-08
3316	624158.66	4265754.58	2.21E-07	7.61E-08	2.97E-07	1.85E-07	5.70E-08	2.42E-07	4.38E-08	1.46E-08	5.84E-08	3.41E-08	7.02E-09	4.12E-08
3317	624158.52	4265764.47	2.25E-07	7.74E-08	3.02E-07	1.88E-07	5.79E-08	2.46E-07	4.46E-08	1.48E-08	5.94E-08	3.47E-08	7.14E-09	4.19E-08
3318	624158.38	4265774.36	2.29E-07	7.87E-08	3.08E-07	1.91E-07	5.90E-08	2.50E-07	4.53E-08	1.51E-08	6.04E-08	3.53E-08	7.27E-09	4.26E-08
3319	624158.23	4265784.26	2.33E-07	8.01E-08	3.13E-07	1.95E-07	6.00E-08	2.55E-07	4.61E-08	1.53E-08	6.15E-08	3.59E-08	7.39E-09	4.33E-08
3320	624158.09	4265794.15	2.37E-07	8.15E-08	3.18E-07	1.98E-07	6.10E-08	2.59E-07	4.69E-08	1.56E-08	6.25E-08	3.66E-08	7.52E-09	4.41E-08
3321	624157.95	4265804.04	2.41E-07	8.28E-08	3.24E-07	2.01E-07	6.20E-08	2.63E-07	4.77E-08	1.59E-08	6.35E-08	3.72E-08	7.64E-09	4.48E-08
3322	624157.8	4265813.93	2.45E-07	8.41E-08	3.29E-07	2.04E-07	6.30E-08	2.67E-07	4.84E-08	1.61E-08	6.45E-08	3.78E-08	7.76E-09	4.55E-08
3323	624165.24	4265594.93	1.73E-07	5.93E-08	2.32E-07	1.44E-07	4.44E-08	1.89E-07	3.41E-08	1.14E-08	4.55E-08	2.66E-08	5.47E-09	3.21E-08
3324	624169.03	4265586.14	1.72E-07	5.92E-08	2.31E-07	1.44E-07	4.43E-08	1.88E-07	3.41E-08	1.13E-08	4.54E-08	2.66E-08	5.47E-09	3.20E-08
3325	624172.81	4265577.36	1.72E-07	5.91E-08	2.31E-07	1.44E-07	4.43E-08	1.88E-07	3.40E-08	1.13E-08	4.54E-08	2.65E-08	5.46E-09	3.20E-08
3326	624176.6	4265568.58	1.72E-07	5.90E-08	2.31E-07	1.43E-07	4.42E-08	1.88E-07	3.40E-08	1.13E-08	4.53E-08	2.65E-08	5.45E-09	3.19E-08
3327	624180.38	4265559.8	1.71E-07	5.89E-08	2.30E-07	1.43E-07	4.41E-08	1.87E-07	3.39E-08	1.13E-08	4.52E-08	2.64E-08	5.43E-09	3.18E-08
3328	624184.17	4265551.01	1.71E-07	5.87E-08	2.29E-07	1.43E-07	4.39E-08	1.87E-07	3.38E-08	1.12E-08	4.50E-08	2.63E-08	5.42E-09	3.18E-08
3329	624187.96	4265542.23	1.70E-07	5.85E-08	2.29E-07	1.42E-07	4.38E-08	1.86E-07	3.37E-08	1.12E-08	4.49E-08	2.62E-08	5.40E-09	3.16E-08
3330	624191.74	4265533.45	1.69E-07	5.83E-08	2.28E-07	1.42E-07	4.36E-08	1.85E-07	3.35E-08	1.12E-08	4.47E-08	2.61E-08	5.38E-09	3.15E-08
3331	624195.53	4265524.67	1.69E-07	5.80E-08	2.27E-07	1.41E-07	4.34E-08	1.84E-07	3.34E-08	1.11E-08	4.45E-08	2.60E-08	5.35E-09	3.14E-08
3332	624199.31	4265515.89	1.68E-07	5.77E-08	2.25E-07	1.40E-07	4.32E-08	1.83E-07	3.32E-08	1.11E-08	4.43E-08	2.59E-08	5.32E-09	3.12E-08
3333	624211.99	4265503.57	1.70E-07	5.84E-08	2.28E-07	1.42E-07	4.37E-08	1.86E-07	3.36E-08	1.12E-08	4.48E-08	2.62E-08	5.39E-09	3.16E-08
3334	624220.87	4265500.03	1.73E-07	5.94E-08	2.32E-07	1.44E-07	4.45E-08	1.89E-07	3.42E-08	1.14E-08	4.56E-08	2.67E-08	5.48E-09	3.22E-08
3335	624229.76	4265496.5	1.76E-07	6.04E-08	2.36E-07	1.47E-07	4.53E-08	1.92E-07	3.48E-08	1.16E-08	4.64E-08	2.71E-08	5.58E-09	3.27E-08
3336	624238.64	4265492.96	1.79E-07	6.14E-08	2.40E-07	1.49E-07	4.60E-08	1.95E-07	3.53E-08	1.18E-08	4.71E-08	2.76E-08	5.67E-09	3.32E-08
3337	624247.53	4265489.42	1.81E-07	6.24E-08	2.44E-07	1.52E-07	4.67E-08	1.98E-07	3.59E-08	1.19E-08	4.78E-08	2.80E-08	5.75E-09	3.37E-08
3338	624256.42	4265485.89	1.84E-07	6.33E-08	2.47E-07	1.54E-07	4.74E-08	2.01E-07	3.64E-08	1.21E-08	4.85E-08	2.84E-08	5.84E-09	3.42E-08
3339	624265.3	4265482.35	1.87E-07	6.41E-08	2.51E-07	1.56E-07	4.80E-08	2.04E-07	3.69E-08	1.23E-08	4.92E-08	2.88E-08	5.92E-09	3.47E-08
3340	624274.19	4265478.82	1.89E-07	6.50E-08	2.54E-07	1.58E-07	4.86E-08	2.07E-07	3.74E-08	1.24E-08	4.98E-08	2.91E-08	6.00E-09	3.51E-08
3341	624283.08	4265475.28	1.91E-07	6.57E-08	2.57E-07	1.60E-07	4.92E-08	2.09E-07	3.78E-08	1.26E-08	5.04E-08	2.95E-08	6.07E-09	3.56E-08
3342	624291.96	4265471.75	1.93E-07	6.65E-08	2.60E-07	1.62E-07	4.98E-08	2.11E-07	3.83E-08	1.27E-08	5.10E-08	2.98E-08	6.14E-09	3.60E-08
3343	624300.85	4265468.21	1.95E-07	6.72E-08	2.63E-07	1.63E-07	5.03E-08	2.14E-07	3.87E-08	1.29E-08	5.16E-08	3.02E-08	6.20E-09	3.64E-08
3344	624309.73	4265464.68	1.98E-07	6.79E-08	2.65E-07	1.65E-07	5.09E-08	2.16E-07	3.91E-08	1.30E-08	5.21E-08	3.05E-08	6.27E-09	3.68E-08
3345	624318.62	4265461.14	2.00E-07	6.87E-08	2.68E-07	1.67E-07	5.14E-08	2.18E-07	3.95E-08	1.32E-08	5.27E-08	3.08E-08	6.34E-09	3.71E-08
3346	624327.51	4265457.6	2.02E-07	6.94E-08	2.71E-07	1.69E-07	5.20E-08	2.21E-07	3.99E-08	1.33E-08	5.32E-08	3.11E-08	6.40E-09	3.75E-08
3347	624336.39	4265454.07	2.04E-07	7.02E-08	2.74E-07	1.71E-07	5.26E-08	2.23E-07	4.04E-08	1.34E-08	5.39E-08	3.15E-08	6.48E-09	3.80E-08
3348	624345.28	4265450.53	2.07E-07	7.10E-08	2.78E-07	1.73E-07	5.32E-08	2.26E-07	4.09E-08	1.36E-08	5.45E-08	3.19E-08	6.56E-09	3.84E-08
3349	624354.16	4265447	2.09E-07	7.19E-08	2.81E-07	1.75E-07	5.39E-08	2.29E-07	4.14E-08	1.38E-08	5.52E-08	3.23E-08	6.64E-09	3.89E-08
3350	624140.24	4265594.56	1.59E-07	5.48E-08	2.14E-07	1.33E-07	4.10E-08	1.74E-07	3.16E-08	1.05E-08	4.21E-08	2.46E-08	5.06E-09	2.97E-08
3351	624144.03	4265585.78	1.59E-07	5.48E-08	2.14E-07	1.33E-07	4.10E-08	1.74E-07	3.15E-08	1.05E-08	4.20E-08	2.46E-08	5.05E-09	2.96E-08
3352	624147.82	4265577	1.59E-07	5.47E-08	2.14E-07	1.33E-07	4.10E-08	1.74E-07	3.15E-08	1.05E-08	4.20E-08	2.46E-08	5.05E-09	2.96E-08
3353	624151.6	4265568.22	1.59E-07	5.46E-08	2.14E-07	1.33E-07	4.09E-08	1.74E-07	3.15E-08	1.05E-08	4.19E-08	2.45E-08	5.04E-09	2.96E-08
3354	624155.39	4265559.44	1.59E-07	5.46E-08	2.13E-07	1.33E-07	4.09E-08	1.73E-07	3.14E-08	1.05E-08	4.19E-08	2.45E-08	5.04E-09	2.95E-08
3355	624159.17	4265550.65	1.58E-07	5.45E-08	2.13E-07	1.32E-07	4.08E-08	1.73E-07	3.13E-08	1.04E-08	4.18E-08	2.44E-08	5.03E-09	2.95E-08
3356	624162.96	4265541.87	1.58E-07	5.43E-08	2.12E-07	1.32E-07	4.07E-08	1.73E-07	3.13E-08	1.04E-08	4.17E-08	2.44E-08	5.01E-09	2.94E-08
3357	624166.75	4265533.09	1.58E-07	5.42E-08	2.12E-07	1.32E-07	4.06E-08	1.72E-07	3.12E-08	1.04E-08	4.16E-08	2.43E-08	5.00E-09	2.93E-08
3358	624170.53	4265524.31	1.57E-07	5.40E-08	2.11E-07	1.31E-07	4.04E-08	1.72E-07	3.11E-08	1.03E-08	4.14E-08	2.42E-08	4.98E-09	2.92E-08
3359	624174.32	4265515.52	1.56E-07	5.38E-08	2.10E-07	1.31E-07	4.03E-08	1.71E-07	3.10E-08	1.03E-08	4.13E-08	2.41E-08	4.96E-09	2.91E-08
3360	624178.1	4265506.74	1.56E-07	5.36E-08	2.09E-07	1.30E-07	4.01E-08	1.70E-07	3.08E-08	1.03E-08	4.11E-08	2.40E-08	4.94E-09	2.90E-08
3361	624181.89	4265497.96	1.55E-07	5.33E-08	2.08E-07	1.30E-07	3.99E-08	1.70E-07	3.07E-08	1.02E-08	4.09E-08	2.39E-08	4.92E-09	2.89E-08
3362	624194.56	4265485.64	1.57E-07	5.40E-08	2.11E-07	1.31E-07	4.04E-08	1.72E-07	3.11E-08	1.03E-08	4.14E-08	2.42E-08	4.98E-09	2.92E-08
3363	624203.45	4265482.11	1.60E-07	5.49E-08	2.14E-07	1.33E-07	4.11E-08	1.75E-07	3.16E-08	1.05E-08	4.21E-08	2.46E-08	5.07E-09	2.97E-08
3364	624212.33	4265478.57	1.62E-07	5.58E-08	2.18E-07	1.36E-07	4.18E-08	1.77E-07	3.21E-08	1.07E-08	4.28E-08	2.50E-08	5.15E-09	3.02E-08
3365	624221.22	4265475.03	1.65E-07	5.66E-08	2.21E-07	1.38E-07	4.24E-08	1.80E-07	3.26E-08	1.09E-08	4.35E-08	2.54E-08	5.23E-09	3.06E-08
3366	624230.11	4265471.5	1.67E-07	5.75E-08	2.25E-07	1.40E-07	4.30E-08	1.83E-07	3.31E-08	1.10E-08	4.41E-08	2.58E-08	5.30E-09	3.11E-08
3367	624238.99	4265467.96	1.70E-07	5.83E-08	2.28E-07	1.42E-07	4.36E-08	1.85E-07	3.36E-08	1.12E-08	4.47E-08	2.62E-08	5.38E-09	3.15E-08
3368	624247.88	4265464.43	1.72E-07	5.91E-08	2.31E-07	1.44E-07	4.42E-08	1.88E-07	3.40E-08	1.13E-08	4.53E-08	2.65E-08	5.45E-09	3.20E-08
3369	624256.76	4265460.89	1.74E-07	5.98E-08	2.34E-07	1.45E-07	4.48E-08	1.90E-07	3.44E-08	1.15E-08	4.59E-08	2.69E-08	5.52E-09	3.24E-08
3370	624265.65	4265457.36	1.76E-07	6.06E-08	2.37E-07	1.47E-07	4.53E-08	1.93E-07	3.49E-08	1.16E-08	4.65E-08	2.72E-08	5.59E-09	3.28E-08
3371	624274.54	4265453.82	1.78E-07	6.12E-08	2.39E-07	1.49E-07	4.58E-08	1.95E-07	3.52E-08	1.17E-08	4.70E-08	2.75E-08	5.65E-09	3.31E-08
3372	624283.42	4265450.28	1.80E-07	6.18E-08	2.42E-07	1.50E-07	4.63E-08	1.97E-07	3.56E-08	1.18E-08	4.74E-08	2.78E-08	5.71E-09	3.35E-08
3373	624292.31	4265446.75	1.82E-07	6.24E-08	2.44E-07	1.52E-07	4.68E-08	1.99E-07	3.59E-08	1.20E-08	4.79E-08	2.80E-08	5.76E-09	3.38E-08
3374	624301.19	4265443.21	1.83E-07	6.30E-08	2.46E-07	1.53E-07	4.72E-08	2.00E-07	3.63E-08	1.21E-08	4.84E-08	2.83E-08	5.82E-09	3.41E-08
3375	624310.08	4265439.68	1.85E-07	6.36E-08	2.49E-07	1.55E-07	4.76E-08	2.02E-07	3.66E-08	1.22E-08	4.88E-08	2.86E-08	5.87E-09	3.44E-08
3376	624318.97	4265436.14	1.87E-07	6.42E-08	2.51E-07	1.56E-07	4.81E-08	2.04E-07	3.70E-08	1.23E-08	4.93E-08	2.88E-08	5.93E-09	3.48E-08
3377	624327.85	4265432.61	1.89E-07	6.49E-08	2.54E-07	1.58E-07	4.86E-08	2.06E-07	3.74E-08	1.24E-08	4.98E-08	2.91E-08	5.99E-09	3.51E-08
3378	624336.74	4265429.07	1.91E-07	6.56E-08	2.56E-07	1.59E-07	4.91E-08	2.09E-07	3.78E-08	1.26E-08	5.03E-08	2.94E-08	6.05E-09	3.55E-08
3379	624345.62	4265425.54	1.93E-07	6.63E-08	2.59E-07	1.61E-07	4.97E-08	2.11E-07	3.82E-08	1.27E-08	5.09E-08	2.98E-08	6.12E-09	3.59E-08
3380	624354.51	4265422	1.95E-07	6.71E-08	2.62E-07	1.63E-07	5.02E-08	2.13E-07	3.86E-08	1.29E-08	5.15E-08	3.01E-08	6.19E-09	3.63E-08

3381	624088.74	4265655.68	1.49E-07	5.14E-08	2.01E-07	1.25E-07	3.85E-08	1.63E-07	2.96E-08	9.84E-09	3.94E-08	2.31E-08	4.74E-09	2.78E-08
3382	624092.53	4265646.9	1.49E-07	5.13E-08	2.00E-07	1.25E-07	3.84E-08	1.63E-07	2.95E-08	9.83E-09	3.93E-08	2.30E-08	4.73E-09	2.77E-08
3383	624115.25	4265594.2	1.48E-07	5.09E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.74E-09	3.90E-08	2.28E-08	4.69E-09	2.75E-08
3384	624119.03	4265585.42	1.48E-07	5.08E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.74E-09	3.90E-08	2.28E-08	4.69E-09	2.75E-08
3385	624122.82	4265576.64	1.48E-07	5.08E-08	1.99E-07	1.23E-07	3.80E-08	1.62E-07	2.92E-08	9.73E-09	3.90E-08	2.28E-08	4.69E-09	2.75E-08
3386	624126.6	4265567.86	1.48E-07	5.08E-08	1.98E-07	1.23E-07	3.80E-08	1.61E-07	2.92E-08	9.73E-09	3.89E-08	2.28E-08	4.69E-09	2.75E-08
3387	624130.39	4265559.07	1.48E-07	5.07E-08	1.98E-07	1.23E-07	3.80E-08	1.61E-07	2.92E-08	9.72E-09	3.89E-08	2.28E-08	4.68E-09	2.74E-08
3388	624134.18	4265550.29	1.47E-07	5.07E-08	1.98E-07	1.23E-07	3.79E-08	1.61E-07	2.92E-08	9.71E-09	3.89E-08	2.27E-08	4.68E-09	2.74E-08
3389	624137.96	4265541.51	1.47E-07	5.06E-08	1.98E-07	1.23E-07	3.79E-08	1.61E-07	2.91E-08	9.70E-09	3.88E-08	2.27E-08	4.67E-09	2.74E-08
3390	624141.75	4265532.73	1.47E-07	5.05E-08	1.97E-07	1.23E-07	3.78E-08	1.61E-07	2.91E-08	9.68E-09	3.88E-08	2.27E-08	4.66E-09	2.73E-08
3391	624145.53	4265523.94	1.47E-07	5.04E-08	1.97E-07	1.22E-07	3.77E-08	1.60E-07	2.90E-08	9.65E-09	3.87E-08	2.26E-08	4.65E-09	2.73E-08
3392	624149.32	4265515.16	1.46E-07	5.03E-08	1.96E-07	1.22E-07	3.76E-08	1.60E-07	2.89E-08	9.63E-09	3.86E-08	2.26E-08	4.64E-09	2.72E-08
3393	624153.11	4265506.38	1.46E-07	5.01E-08	1.96E-07	1.22E-07	3.75E-08	1.59E-07	2.88E-08	9.60E-09	3.84E-08	2.25E-08	4.62E-09	2.71E-08
3394	624156.89	4265497.6	1.45E-07	4.99E-08	1.95E-07	1.21E-07	3.74E-08	1.59E-07	2.87E-08	9.57E-09	3.83E-08	2.24E-08	4.61E-09	2.70E-08
3395	624160.68	4265488.82	1.45E-07	4.97E-08	1.94E-07	1.21E-07	3.72E-08	1.58E-07	2.86E-08	9.53E-09	3.82E-08	2.23E-08	4.59E-09	2.69E-08
3396	624164.46	4265480.03	1.44E-07	4.95E-08	1.94E-07	1.20E-07	3.71E-08	1.57E-07	2.85E-08	9.49E-09	3.80E-08	2.22E-08	4.57E-09	2.68E-08
3397	624177.14	4265467.71	1.46E-07	5.01E-08	1.96E-07	1.22E-07	3.75E-08	1.59E-07	2.89E-08	9.60E-09	3.85E-08	2.25E-08	4.63E-09	2.71E-08
3398	624186.02	4265464.18	1.48E-07	5.09E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.76E-09	3.91E-08	2.29E-08	4.70E-09	2.76E-08
3399	624194.91	4265460.64	1.50E-07	5.17E-08	2.02E-07	1.26E-07	3.87E-08	1.64E-07	2.98E-08	9.91E-09	3.97E-08	2.32E-08	4.77E-09	2.80E-08
3400	624203.79	4265457.11	1.53E-07	5.25E-08	2.05E-07	1.28E-07	3.93E-08	1.67E-07	3.02E-08	1.01E-08	4.03E-08	2.36E-08	4.85E-09	2.84E-08
3401	624212.68	4265453.57	1.55E-07	5.33E-08	2.08E-07	1.29E-07	3.99E-08	1.69E-07	3.07E-08	1.02E-08	4.09E-08	2.39E-08	4.92E-09	2.88E-08
3402	624221.57	4265450.04	1.57E-07	5.40E-08	2.11E-07	1.31E-07	4.04E-08	1.72E-07	3.11E-08	1.03E-08	4.14E-08	2.42E-08	4.98E-09	2.92E-08
3403	624230.45	4265446.5	1.59E-07	5.47E-08	2.14E-07	1.33E-07	4.10E-08	1.74E-07	3.15E-08	1.05E-08	4.20E-08	2.45E-08	5.05E-09	2.96E-08
3404	624239.34	4265442.97	1.61E-07	5.54E-08	2.16E-07	1.35E-07	4.15E-08	1.76E-07	3.19E-08	1.06E-08	4.25E-08	2.49E-08	5.11E-09	3.00E-08
3405	624248.22	4265439.43	1.63E-07	5.60E-08	2.19E-07	1.36E-07	4.19E-08	1.78E-07	3.23E-08	1.07E-08	4.30E-08	2.51E-08	5.17E-09	3.03E-08
3406	624257.11	4265435.89	1.65E-07	5.66E-08	2.21E-07	1.38E-07	4.24E-08	1.80E-07	3.26E-08	1.09E-08	4.34E-08	2.54E-08	5.23E-09	3.06E-08
3407	624266	4265432.36	1.66E-07	5.72E-08	2.24E-07	1.39E-07	4.28E-08	1.82E-07	3.29E-08	1.10E-08	4.39E-08	2.57E-08	5.28E-09	3.09E-08
3408	624274.88	4265428.82	1.68E-07	5.77E-08	2.26E-07	1.40E-07	4.32E-08	1.84E-07	3.32E-08	1.11E-08	4.43E-08	2.59E-08	5.33E-09	3.12E-08
3409	624283.77	4265425.29	1.69E-07	5.82E-08	2.28E-07	1.42E-07	4.36E-08	1.85E-07	3.35E-08	1.12E-08	4.47E-08	2.61E-08	5.38E-09	3.15E-08
3410	624292.65	4265421.75	1.71E-07	5.88E-08	2.30E-07	1.43E-07	4.40E-08	1.87E-07	3.38E-08	1.13E-08	4.51E-08	2.64E-08	5.42E-09	3.18E-08
3411	624301.54	4265418.22	1.72E-07	5.93E-08	2.32E-07	1.44E-07	4.44E-08	1.88E-07	3.41E-08	1.14E-08	4.55E-08	2.66E-08	5.47E-09	3.21E-08
3412	624310.43	4265414.68	1.74E-07	5.98E-08	2.34E-07	1.45E-07	4.47E-08	1.90E-07	3.44E-08	1.14E-08	4.58E-08	2.68E-08	5.52E-09	3.23E-08
3413	624319.31	4265411.14	1.75E-07	6.03E-08	2.36E-07	1.47E-07	4.51E-08	1.92E-07	3.47E-08	1.16E-08	4.63E-08	2.71E-08	5.56E-09	3.26E-08
3414	624328.2	4265407.61	1.77E-07	6.09E-08	2.38E-07	1.48E-07	4.56E-08	1.94E-07	3.50E-08	1.17E-08	4.67E-08	2.73E-08	5.62E-09	3.29E-08
3415	624337.08	4265404.07	1.79E-07	6.15E-08	2.40E-07	1.49E-07	4.60E-08	1.95E-07	3.54E-08	1.18E-08	4.72E-08	2.76E-08	5.67E-09	3.33E-08
3416	624345.97	4265400.54	1.81E-07	6.21E-08	2.43E-07	1.51E-07	4.65E-08	1.98E-07	3.58E-08	1.19E-08	4.77E-08	2.79E-08	5.73E-09	3.36E-08
3417	624354.86	4265397	1.83E-07	6.28E-08	2.45E-07	1.53E-07	4.70E-08	2.00E-07	3.62E-08	1.20E-08	4.82E-08	2.82E-08	5.80E-09	3.40E-08
3418	624084.96	4265664.46	1.50E-07	5.15E-08	2.01E-07	1.25E-07	3.85E-08	1.64E-07	2.96E-08	9.86E-09	3.95E-08	2.31E-08	4.75E-09	2.78E-08
3419	624084.82	4265674.35	1.52E-07	5.22E-08	2.04E-07	1.27E-07	3.91E-08	1.66E-07	3.00E-08	9.99E-09	4.00E-08	2.34E-08	4.81E-09	2.82E-08
3420	624084.67	4265684.25	1.54E-07	5.28E-08	2.07E-07	1.28E-07	3.96E-08	1.68E-07	3.04E-08	1.01E-08	4.05E-08	2.37E-08	4.88E-09	2.86E-08
3421	624084.53	4265694.14	1.56E-07	5.35E-08	2.09E-07	1.30E-07	4.01E-08	1.70E-07	3.08E-08	1.03E-08	4.11E-08	2.40E-08	4.94E-09	2.90E-08
3422	624084.39	4265704.03	1.58E-07	5.42E-08	2.12E-07	1.32E-07	4.06E-08	1.72E-07	3.12E-08	1.04E-08	4.16E-08	2.43E-08	5.00E-09	2.93E-08
3423	624084.24	4265713.92	1.59E-07	5.48E-08	2.14E-07	1.33E-07	4.11E-08	1.74E-07	3.16E-08	1.05E-08	4.21E-08	2.46E-08	5.06E-09	2.97E-08
3424	624084.1	4265723.82	1.61E-07	5.55E-08	2.17E-07	1.35E-07	4.15E-08	1.76E-07	3.19E-08	1.06E-08	4.26E-08	2.49E-08	5.12E-09	3.00E-08
3425	624083.96	4265733.71	1.63E-07	5.62E-08	2.19E-07	1.36E-07	4.20E-08	1.79E-07	3.23E-08	1.08E-08	4.31E-08	2.52E-08	5.18E-09	3.04E-08
3426	624083.81	4265743.6	1.65E-07	5.68E-08	2.22E-07	1.38E-07	4.26E-08	1.81E-07	3.27E-08	1.09E-08	4.36E-08	2.55E-08	5.25E-09	3.07E-08
3427	624083.67	4265753.49	1.67E-07	5.75E-08	2.25E-07	1.40E-07	4.31E-08	1.83E-07	3.31E-08	1.10E-08	4.41E-08	2.58E-08	5.31E-09	3.11E-08
3428	624083.53	4265763.39	1.70E-07	5.83E-08	2.28E-07	1.42E-07	4.36E-08	1.85E-07	3.36E-08	1.12E-08	4.47E-08	2.62E-08	5.38E-09	3.15E-08
3429	624083.38	4265773.28	1.72E-07	5.91E-08	2.31E-07	1.44E-07	4.42E-08	1.88E-07	3.40E-08	1.13E-08	4.53E-08	2.65E-08	5.45E-09	3.20E-08
3430	624083.24	4265783.17	1.74E-07	5.99E-08	2.34E-07	1.46E-07	4.48E-08	1.90E-07	3.45E-08	1.15E-08	4.59E-08	2.69E-08	5.53E-09	3.24E-08
3431	624083.1	4265793.06	1.77E-07	6.07E-08	2.37E-07	1.48E-07	4.55E-08	1.93E-07	3.50E-08	1.16E-08	4.66E-08	2.72E-08	5.60E-09	3.29E-08
3432	624082.96	4265802.96	1.79E-07	6.16E-08	2.41E-07	1.50E-07	4.61E-08	1.96E-07	3.54E-08	1.18E-08	4.72E-08	2.76E-08	5.68E-09	3.33E-08
3433	624082.81	4265812.85	1.82E-07	6.24E-08	2.44E-07	1.52E-07	4.67E-08	1.99E-07	3.59E-08	1.20E-08	4.79E-08	2.80E-08	5.76E-09	3.38E-08
3434	624082.67	4265822.74	1.84E-07	6.33E-08	2.47E-07	1.54E-07	4.74E-08	2.01E-07	3.64E-08	1.21E-08	4.86E-08	2.84E-08	5.84E-09	3.42E-08
3435	624082.53	4265832.63	1.87E-07	6.41E-08	2.51E-07	1.56E-07	4.80E-08	2.04E-07	3.69E-08	1.23E-08	4.92E-08	2.88E-08	5.92E-09	3.47E-08
3436	624082.38	4265842.53	1.89E-07	6.50E-08	2.54E-07	1.58E-07	4.86E-08	2.07E-07	3.74E-08	1.24E-08	4.98E-08	2.91E-08	5.99E-09	3.51E-08
3437	624082.24	4265852.42	1.91E-07	6.58E-08	2.57E-07	1.60E-07	4.92E-08	2.09E-07	3.79E-08	1.26E-08	5.05E-08	2.95E-08	6.07E-09	3.56E-08
3438	624082.1	4265862.31	1.93E-07	6.65E-08	2.60E-07	1.62E-07	4.98E-08	2.12E-07	3.83E-08	1.27E-08	5.10E-08	2.99E-08	6.14E-09	3.60E-08
3439	624081.95	4265872.2	1.96E-07	6.73E-08	2.63E-07	1.64E-07	5.04E-08	2.14E-07	3.87E-08	1.29E-08	5.16E-08	3.02E-08	6.21E-09	3.64E-08
3440	624081.81	4265882.1	1.98E-07	6.80E-08	2.66E-07	1.65E-07	5.09E-08	2.16E-07	3.91E-08	1.30E-08	5.22E-08	3.05E-08	6.28E-09	3.68E-08
3441	624081.67	4265891.99	2.00E-07	6.87E-08	2.68E-07	1.67E-07	5.14E-08	2.18E-07	3.95E-08	1.32E-08	5.27E-08	3.08E-08	6.34E-09	3.72E-08
3442	624081.52	4265901.88	2.02E-07	6.93E-08	2.71E-07	1.69E-07	5.19E-08	2.20E-07	3.99E-08	1.33E-08	5.32E-08	3.11E-08	6.40E-09	3.75E-08
3443	624081.38	4265911.77	2.03E-07	7.00E-08	2.73E-07	1.70E-07	5.24E-08	2.22E-07	4.03E-08	1.34E-08	5.37E-08	3.14E-08	6.46E-09	3.79E-08
3444	624081.24	4265921.67	2.05E-07	7.06E-08	2.76E-07	1.72E-07	5.28E-08	2.24E-07	4.06E-08	1.35E-08	5.41E-08	3.17E-08	6.51E-09	3.82E-08
3445	624081.09	4265931.56	2.07E-07	7.11E-08	2.78E-07	1.73E-07	5.33E-08	2.26E-07	4.10E-08	1.36E-08	5.46E-08	3.19E-08	6.57E-09	3.85E-08
3446	624080.95	4265941.45	2.09E-07	7.17E-08	2.80E-07	1.74E-07	5.37E-08	2.28E-07	4.13E-08	1.37E-08	5.50E-08	3.22E-08	6.62E-09	3.88E-08
3447	624080.81	4265951.34	2.10E-07	7.22E-08	2.82E-07	1.76E-07	5.41E-08	2.30E-07	4.16E-08	1.38E-08	5.54E-08	3.24E-08	6.67E-09	3.91E-08
3448	624080.67	4265961.24	2.12E-07	7.28E-08	2.84E-07	1.77E-07	5.45E-08	2.31E-07	4.19E-08	1.39E-08	5.58E-08	3.26E-08	6.71E-09	3.94E-08
3449	624080.52	4265971.13	2.13E-07	7.33E-08	2.86E-07	1.78E-07	5.49E-08	2.33E-07	4.22E-08	1.40E-08	5.62E-08	3.29E-08	6.76E-09	3.96E-08
3450	624080.38	4265981.02	2.14E-07	7.38E-08	2.88E-07	1.79E-07	5.52E-08	2.35E-07	4.25E-08	1.41E-08	5.66E-08	3.31E-08	6.81E-09	3.99E-08
3451	624063.75	4265655.32	1.39E-07	4.78E-08	1.87E-07	1.16E-07	3.58E-08	1.52E-07	2.75E-08	9.16E-09	3.67E-08	2.15E-08	4.41E-09	2.59E-08
3452	624067.53	4265646.54	1.39E-07	4.77E-08	1.87E-07	1.16E-07	3.57E-08	1.52E-07	2.75E-08	9.15E-09	3.66E-08	2.14E-08	4.41E-09	2.58E-08

3453	624071.32	4265637.75	1.39E-07	4.77E-08	1.86E-07	1.16E-07	3.57E-08	1.52E-07	2.74E-08	9.13E-09	3.66E-08	2.14E-08	4.40E-09	2.58E-08
3454	624075.11	4265628.97	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.12E-09	3.65E-08	2.13E-08	4.39E-09	2.57E-08
3455	624078.89	4265620.19	1.38E-07	4.75E-08	1.86E-07	1.15E-07	3.56E-08	1.51E-07	2.73E-08	9.10E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
3456	624082.68	4265611.41	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.09E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
3457	624086.46	4265602.62	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.08E-09	3.64E-08	2.13E-08	4.37E-09	2.56E-08
3458	624090.25	4265593.84	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.07E-09	3.63E-08	2.12E-08	4.37E-09	2.56E-08
3459	624094.03	4265585.06	1.38E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.07E-09	3.63E-08	2.12E-08	4.37E-09	2.56E-08
3460	624097.82	4265576.28	1.38E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.07E-09	3.63E-08	2.12E-08	4.37E-09	2.56E-08
3461	624101.61	4265567.49	1.38E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.06E-09	3.63E-08	2.12E-08	4.37E-09	2.56E-08
3462	624105.39	4265558.71	1.38E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.06E-09	3.63E-08	2.12E-08	4.36E-09	2.56E-08
3463	624109.18	4265549.93	1.37E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.06E-09	3.63E-08	2.12E-08	4.36E-09	2.56E-08
3464	624112.96	4265541.15	1.37E-07	4.72E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.05E-09	3.62E-08	2.12E-08	4.36E-09	2.56E-08
3465	624116.75	4265532.37	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.72E-08	9.04E-09	3.62E-08	2.12E-08	4.36E-09	2.55E-08
3466	624120.54	4265523.58	1.37E-07	4.71E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.03E-09	3.62E-08	2.11E-08	4.35E-09	2.55E-08
3467	624124.32	4265514.8	1.37E-07	4.70E-08	1.84E-07	1.14E-07	3.52E-08	1.50E-07	2.71E-08	9.01E-09	3.61E-08	2.11E-08	4.34E-09	2.54E-08
3468	624128.11	4265506.02	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.99E-09	3.60E-08	2.11E-08	4.33E-09	2.54E-08
3469	624131.89	4265497.24	1.36E-07	4.68E-08	1.83E-07	1.14E-07	3.50E-08	1.49E-07	2.69E-08	8.97E-09	3.59E-08	2.10E-08	4.32E-09	2.53E-08
3470	624135.68	4265488.45	1.36E-07	4.67E-08	1.82E-07	1.13E-07	3.49E-08	1.48E-07	2.69E-08	8.94E-09	3.58E-08	2.09E-08	4.31E-09	2.52E-08
3471	624139.47	4265479.67	1.35E-07	4.65E-08	1.82E-07	1.13E-07	3.48E-08	1.48E-07	2.68E-08	8.91E-09	3.57E-08	2.09E-08	4.29E-09	2.52E-08
3472	624143.25	4265470.89	1.35E-07	4.63E-08	1.81E-07	1.13E-07	3.47E-08	1.47E-07	2.67E-08	8.88E-09	3.56E-08	2.08E-08	4.28E-09	2.51E-08
3473	624147.04	4265462.11	1.34E-07	4.62E-08	1.80E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.85E-09	3.54E-08	2.07E-08	4.26E-09	2.50E-08
3474	624159.71	4265449.79	1.36E-07	4.67E-08	1.83E-07	1.14E-07	3.50E-08	1.49E-07	2.69E-08	8.95E-09	3.58E-08	2.10E-08	4.31E-09	2.53E-08
3475	624168.6	4265446.25	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.09E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
3476	624177.48	4265442.72	1.40E-07	4.82E-08	1.88E-07	1.17E-07	3.61E-08	1.53E-07	2.77E-08	9.23E-09	3.69E-08	2.16E-08	4.44E-09	2.61E-08
3477	624186.37	4265439.18	1.42E-07	4.89E-08	1.91E-07	1.19E-07	3.66E-08	1.55E-07	2.81E-08	9.36E-09	3.75E-08	2.19E-08	4.51E-09	2.64E-08
3478	624195.25	4265435.65	1.44E-07	4.96E-08	1.94E-07	1.20E-07	3.71E-08	1.58E-07	2.85E-08	9.50E-09	3.80E-08	2.22E-08	4.57E-09	2.68E-08
3479	624204.14	4265432.11	1.46E-07	5.02E-08	1.96E-07	1.22E-07	3.76E-08	1.60E-07	2.89E-08	9.62E-09	3.85E-08	2.25E-08	4.64E-09	2.72E-08
3480	624213.03	4265428.57	1.48E-07	5.09E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.75E-09	3.90E-08	2.28E-08	4.70E-09	2.75E-08
3481	624221.91	4265425.04	1.50E-07	5.15E-08	2.01E-07	1.25E-07	3.86E-08	1.64E-07	2.96E-08	9.87E-09	3.95E-08	2.31E-08	4.75E-09	2.79E-08
3482	624230.8	4265421.5	1.51E-07	5.21E-08	2.03E-07	1.27E-07	3.90E-08	1.66E-07	3.00E-08	9.98E-09	3.99E-08	2.34E-08	4.81E-09	2.82E-08
3483	624239.68	4265417.97	1.53E-07	5.26E-08	2.06E-07	1.28E-07	3.94E-08	1.67E-07	3.03E-08	1.01E-08	4.04E-08	2.36E-08	4.86E-09	2.85E-08
3484	624248.57	4265414.43	1.55E-07	5.31E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.38E-08	4.90E-09	2.87E-08
3485	624257.46	4265410.9	1.56E-07	5.36E-08	2.10E-07	1.30E-07	4.01E-08	1.70E-07	3.09E-08	1.03E-08	4.11E-08	2.41E-08	4.95E-09	2.90E-08
3486	624266.34	4265407.36	1.57E-07	5.41E-08	2.11E-07	1.31E-07	4.05E-08	1.72E-07	3.11E-08	1.04E-08	4.15E-08	2.43E-08	4.99E-09	2.93E-08
3487	624275.23	4265403.83	1.59E-07	5.45E-08	2.13E-07	1.33E-07	4.08E-08	1.73E-07	3.14E-08	1.04E-08	4.18E-08	2.45E-08	5.03E-09	2.95E-08
3488	624284.12	4265400.29	1.60E-07	5.50E-08	2.15E-07	1.34E-07	4.12E-08	1.75E-07	3.16E-08	1.05E-08	4.22E-08	2.47E-08	5.07E-09	2.97E-08
3489	624293	4265396.75	1.61E-07	5.54E-08	2.17E-07	1.35E-07	4.15E-08	1.76E-07	3.19E-08	1.06E-08	4.25E-08	2.49E-08	5.11E-09	3.00E-08
3490	624301.89	4265393.22	1.62E-07	5.58E-08	2.18E-07	1.36E-07	4.18E-08	1.77E-07	3.21E-08	1.07E-08	4.28E-08	2.50E-08	5.15E-09	3.02E-08
3491	624310.77	4265389.68	1.64E-07	5.63E-08	2.20E-07	1.37E-07	4.21E-08	1.79E-07	3.24E-08	1.08E-08	4.32E-08	2.52E-08	5.19E-09	3.04E-08
3492	624319.66	4265386.15	1.65E-07	5.67E-08	2.22E-07	1.38E-07	4.25E-08	1.80E-07	3.27E-08	1.09E-08	4.35E-08	2.55E-08	5.24E-09	3.07E-08
3493	624328.55	4265382.61	1.67E-07	5.73E-08	2.24E-07	1.39E-07	4.29E-08	1.82E-07	3.30E-08	1.10E-08	4.39E-08	2.57E-08	5.28E-09	3.10E-08
3494	624337.43	4265379.08	1.68E-07	5.78E-08	2.26E-07	1.41E-07	4.33E-08	1.84E-07	3.33E-08	1.11E-08	4.44E-08	2.59E-08	5.34E-09	3.13E-08
3495	624346.32	4265375.54	1.70E-07	5.84E-08	2.28E-07	1.42E-07	4.37E-08	1.86E-07	3.36E-08	1.12E-08	4.48E-08	2.62E-08	5.39E-09	3.16E-08
3496	624355.2	4265372	1.71E-07	5.90E-08	2.30E-07	1.43E-07	4.42E-08	1.87E-07	3.39E-08	1.13E-08	4.52E-08	2.65E-08	5.44E-09	3.19E-08
3497	624059.96	4265664.1	1.39E-07	4.79E-08	1.87E-07	1.16E-07	3.59E-08	1.52E-07	2.76E-08	9.18E-09	3.67E-08	2.15E-08	4.42E-09	2.59E-08
3498	624059.82	4265673.99	1.41E-07	4.85E-08	1.90E-07	1.18E-07	3.63E-08	1.54E-07	2.79E-08	9.29E-09	3.72E-08	2.18E-08	4.48E-09	2.62E-08
3499	624059.68	4265683.89	1.43E-07	4.91E-08	1.92E-07	1.19E-07	3.68E-08	1.56E-07	2.83E-08	9.41E-09	3.77E-08	2.20E-08	4.53E-09	2.66E-08
3500	624059.53	4265693.78	1.44E-07	4.97E-08	1.94E-07	1.21E-07	3.72E-08	1.58E-07	2.86E-08	9.52E-09	3.81E-08	2.23E-08	4.59E-09	2.69E-08
3501	624059.39	4265703.67	1.46E-07	5.03E-08	1.96E-07	1.22E-07	3.76E-08	1.60E-07	2.89E-08	9.63E-09	3.86E-08	2.26E-08	4.64E-09	2.72E-08
3502	624059.25	4265713.56	1.48E-07	5.08E-08	1.99E-07	1.24E-07	3.80E-08	1.62E-07	2.92E-08	9.74E-09	3.90E-08	2.28E-08	4.69E-09	2.75E-08
3503	624059.1	4265723.46	1.49E-07	5.14E-08	2.01E-07	1.25E-07	3.85E-08	1.63E-07	2.96E-08	9.84E-09	3.94E-08	2.31E-08	4.74E-09	2.78E-08
3504	624058.96	4265733.35	1.51E-07	5.19E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.95E-09	3.98E-08	2.33E-08	4.79E-09	2.81E-08
3505	624058.82	4265743.24	1.53E-07	5.25E-08	2.05E-07	1.28E-07	3.93E-08	1.67E-07	3.02E-08	1.01E-08	4.03E-08	2.36E-08	4.84E-09	2.84E-08
3506	624058.67	4265753.13	1.54E-07	5.31E-08	2.07E-07	1.29E-07	3.97E-08	1.69E-07	3.06E-08	1.02E-08	4.07E-08	2.38E-08	4.90E-09	2.87E-08
3507	624058.53	4265763.03	1.56E-07	5.37E-08	2.10E-07	1.31E-07	4.02E-08	1.71E-07	3.09E-08	1.03E-08	4.12E-08	2.41E-08	4.96E-09	2.91E-08
3508	624058.39	4265772.92	1.58E-07	5.44E-08	2.12E-07	1.32E-07	4.07E-08	1.73E-07	3.13E-08	1.04E-08	4.17E-08	2.44E-08	5.02E-09	2.94E-08
3509	624058.24	4265782.81	1.60E-07	5.50E-08	2.15E-07	1.34E-07	4.12E-08	1.75E-07	3.17E-08	1.05E-08	4.22E-08	2.47E-08	5.08E-09	2.98E-08
3510	624058.1	4265792.7	1.62E-07	5.57E-08	2.18E-07	1.36E-07	4.17E-08	1.77E-07	3.21E-08	1.07E-08	4.28E-08	2.50E-08	5.15E-09	3.02E-08
3511	624057.96	4265802.6	1.64E-07	5.65E-08	2.21E-07	1.37E-07	4.23E-08	1.80E-07	3.25E-08	1.08E-08	4.33E-08	2.53E-08	5.21E-09	3.06E-08
3512	624057.81	4265812.49	1.66E-07	5.72E-08	2.24E-07	1.39E-07	4.28E-08	1.82E-07	3.29E-08	1.10E-08	4.39E-08	2.57E-08	5.28E-09	3.10E-08
3513	624057.67	4265822.38	1.69E-07	5.80E-08	2.27E-07	1.41E-07	4.34E-08	1.84E-07	3.34E-08	1.11E-08	4.45E-08	2.60E-08	5.35E-09	3.14E-08
3514	624057.53	4265832.27	1.71E-07	5.87E-08	2.29E-07	1.43E-07	4.40E-08	1.87E-07	3.38E-08	1.12E-08	4.50E-08	2.63E-08	5.42E-09	3.18E-08
3515	624057.39	4265842.17	1.73E-07	5.94E-08	2.32E-07	1.44E-07	4.45E-08	1.89E-07	3.42E-08	1.14E-08	4.56E-08	2.67E-08	5.49E-09	3.22E-08
3516	624057.24	4265852.06	1.75E-07	6.02E-08	2.35E-07	1.46E-07	4.50E-08	1.91E-07	3.46E-08	1.15E-08	4.62E-08	2.70E-08	5.55E-09	3.25E-08
3517	624057.1	4265861.95	1.77E-07	6.09E-08	2.38E-07	1.48E-07	4.56E-08	1.94E-07	3.50E-08	1.17E-08	4.67E-08	2.73E-08	5.62E-09	3.29E-08
3518	624056.96	4265871.84	1.79E-07	6.15E-08	2.40E-07	1.50E-07	4.61E-08	1.96E-07	3.54E-08	1.18E-08	4.72E-08	2.76E-08	5.68E-09	3.33E-08
3519	624056.81	4265881.74	1.81E-07	6.22E-08	2.43E-07	1.51E-07	4.66E-08	1.98E-07	3.58E-08	1.19E-08	4.77E-08	2.79E-08	5.74E-09	3.36E-08
3520	624056.67	4265891.63	1.83E-07	6.28E-08	2.45E-07	1.53E-07	4.70E-08	2.00E-07	3.62E-08	1.20E-08	4.82E-08	2.82E-08	5.80E-09	3.40E-08
3521	624056.53	4265901.52	1.84E-07	6.34E-08	2.48E-07	1.54E-07	4.75E-08	2.02E-07	3.65E-08	1.22E-08	4.87E-08	2.85E-08	5.85E-09	3.43E-08
3522	624056.38	4265911.41	1.86E-07	6.40E-08	2.50E-07	1.56E-07	4.79E-08	2.03E-07	3.68E-08	1.23E-08	4.91E-08	2.87E-08	5.91E-09	3.46E-08
3523	624056.24	4265921.31	1.88E-07	6.46E-08	2.52E-07	1.57E-07	4.83E-08	2.05E-07	3.72E-08	1.24E-08	4.95E-08	2.90E-08	5.96E-09	3.49E-08
3524	624056.1	4265931.2	1.89E-07	6.51E-08	2.54E-07	1.58E-07	4.87E-08	2.07E-07	3.75E-08	1.25E-08	4.99E-08	2.92E-08	6.01E-09	3.52E-08

3525	624055.95	4265941.09	1.91E-07	6.56E-08	2.56E-07	1.59E-07	4.91E-08	2.09E-07	3.78E-08	1.26E-08	5.03E-08	2.94E-08	6.06E-09	3.55E-08
3526	624055.81	4265950.98	1.92E-07	6.61E-08	2.58E-07	1.61E-07	4.95E-08	2.10E-07	3.81E-08	1.27E-08	5.07E-08	2.97E-08	6.10E-09	3.58E-08
3527	624055.67	4265960.88	1.94E-07	6.66E-08	2.60E-07	1.62E-07	4.99E-08	2.12E-07	3.83E-08	1.28E-08	5.11E-08	2.99E-08	6.15E-09	3.60E-08
3528	624055.52	4265970.77	1.95E-07	6.71E-08	2.62E-07	1.63E-07	5.02E-08	2.13E-07	3.86E-08	1.28E-08	5.14E-08	3.01E-08	6.19E-09	3.63E-08
3529	624055.38	4265980.66	1.96E-07	6.75E-08	2.64E-07	1.64E-07	5.05E-08	2.15E-07	3.89E-08	1.29E-08	5.18E-08	3.03E-08	6.23E-09	3.65E-08
3530	624013.75	4265654.59	1.22E-07	4.19E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.41E-08	8.02E-09	3.21E-08	1.88E-08	3.87E-09	2.27E-08
3531	624017.54	4265645.81	1.22E-07	4.18E-08	1.63E-07	1.02E-07	3.13E-08	1.33E-07	2.41E-08	8.01E-09	3.21E-08	1.88E-08	3.86E-09	2.26E-08
3532	624021.32	4265637.03	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.12E-08	1.33E-07	2.40E-08	7.99E-09	3.20E-08	1.87E-08	3.85E-09	2.26E-08
3533	624025.11	4265628.25	1.21E-07	4.16E-08	1.63E-07	1.01E-07	3.12E-08	1.32E-07	2.40E-08	7.98E-09	3.19E-08	1.87E-08	3.84E-09	2.25E-08
3534	624028.9	4265619.47	1.21E-07	4.16E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.96E-09	3.19E-08	1.87E-08	3.84E-09	2.25E-08
3535	624032.68	4265610.68	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.95E-09	3.19E-08	1.86E-08	3.83E-09	2.25E-08
3536	624036.47	4265601.9	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.95E-09	3.18E-08	1.86E-08	3.83E-09	2.24E-08
3537	624040.25	4265593.12	1.21E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.39E-08	7.94E-09	3.18E-08	1.86E-08	3.83E-09	2.24E-08
3538	624044.04	4265584.34	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.94E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
3539	624047.83	4265575.55	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.93E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
3540	624051.61	4265566.77	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.93E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
3541	624055.4	4265557.99	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.93E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
3542	624059.18	4265549.21	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.94E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
3543	624062.97	4265540.42	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.94E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
3544	624066.76	4265531.64	1.21E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.39E-08	7.94E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
3545	624070.54	4265522.86	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.94E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
3546	624074.33	4265514.08	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.93E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
3547	624078.11	4265505.29	1.20E-07	4.13E-08	1.62E-07	1.01E-07	3.10E-08	1.31E-07	2.38E-08	7.92E-09	3.17E-08	1.86E-08	3.82E-09	2.24E-08
3548	624081.9	4265496.51	1.20E-07	4.13E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.38E-08	7.91E-09	3.17E-08	1.85E-08	3.81E-09	2.23E-08
3549	624085.69	4265487.73	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.37E-08	7.90E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
3550	624089.47	4265478.95	1.20E-07	4.11E-08	1.61E-07	1.00E-07	3.08E-08	1.31E-07	2.37E-08	7.88E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
3551	624093.26	4265470.17	1.19E-07	4.11E-08	1.60E-07	9.98E-08	3.07E-08	1.31E-07	2.36E-08	7.87E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
3552	624097.04	4265461.38	1.19E-07	4.10E-08	1.60E-07	9.95E-08	3.07E-08	1.30E-07	2.36E-08	7.85E-09	3.14E-08	1.84E-08	3.78E-09	2.22E-08
3553	624100.83	4265452.6	1.19E-07	4.08E-08	1.60E-07	9.93E-08	3.06E-08	1.30E-07	2.35E-08	7.83E-09	3.13E-08	1.83E-08	3.77E-09	2.21E-08
3554	624104.62	4265443.82	1.18E-07	4.07E-08	1.59E-07	9.90E-08	3.05E-08	1.29E-07	2.34E-08	7.80E-09	3.12E-08	1.83E-08	3.76E-09	2.20E-08
3555	624108.4	4265435.04	1.18E-07	4.06E-08	1.59E-07	9.86E-08	3.04E-08	1.29E-07	2.34E-08	7.77E-09	3.11E-08	1.82E-08	3.74E-09	2.20E-08
3556	624112.19	4265426.25	1.18E-07	4.04E-08	1.58E-07	9.83E-08	3.03E-08	1.29E-07	2.33E-08	7.74E-09	3.10E-08	1.81E-08	3.73E-09	2.19E-08
3557	624124.86	4265413.94	1.19E-07	4.09E-08	1.60E-07	9.93E-08	3.06E-08	1.30E-07	2.35E-08	7.83E-09	3.14E-08	1.83E-08	3.77E-09	2.21E-08
3558	624133.75	4265410.4	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.95E-09	3.18E-08	1.86E-08	3.83E-09	2.24E-08
3559	624142.63	4265406.86	1.22E-07	4.21E-08	1.65E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.07E-09	3.23E-08	1.89E-08	3.89E-09	2.28E-08
3560	624151.52	4265403.33	1.24E-07	4.27E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.18E-09	3.28E-08	1.92E-08	3.94E-09	2.31E-08
3561	624160.4	4265399.79	1.26E-07	4.33E-08	1.69E-07	1.05E-07	3.24E-08	1.38E-07	2.49E-08	8.30E-09	3.32E-08	1.94E-08	4.00E-09	2.34E-08
3562	624169.29	4265396.26	1.28E-07	4.39E-08	1.71E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.41E-09	3.37E-08	1.97E-08	4.05E-09	2.37E-08
3563	624178.18	4265392.72	1.29E-07	4.44E-08	1.74E-07	1.08E-07	3.33E-08	1.41E-07	2.56E-08	8.51E-09	3.41E-08	1.99E-08	4.10E-09	2.40E-08
3564	624187.06	4265389.19	1.31E-07	4.50E-08	1.76E-07	1.09E-07	3.37E-08	1.43E-07	2.59E-08	8.62E-09	3.45E-08	2.02E-08	4.15E-09	2.43E-08
3565	624195.95	4265385.65	1.32E-07	4.55E-08	1.78E-07	1.11E-07	3.41E-08	1.45E-07	2.62E-08	8.72E-09	3.49E-08	2.04E-08	4.20E-09	2.46E-08
3566	624204.83	4265382.12	1.34E-07	4.60E-08	1.80E-07	1.12E-07	3.44E-08	1.46E-07	2.65E-08	8.81E-09	3.53E-08	2.06E-08	4.24E-09	2.49E-08
3567	624213.72	4265378.58	1.35E-07	4.64E-08	1.81E-07	1.13E-07	3.48E-08	1.48E-07	2.67E-08	8.90E-09	3.56E-08	2.08E-08	4.29E-09	2.51E-08
3568	624222.61	4265375.04	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.98E-09	3.59E-08	2.10E-08	4.32E-09	2.53E-08
3569	624231.49	4265371.51	1.37E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.05E-09	3.63E-08	2.12E-08	4.36E-09	2.56E-08
3570	624240.38	4265367.97	1.39E-07	4.76E-08	1.86E-07	1.16E-07	3.57E-08	1.51E-07	2.74E-08	9.12E-09	3.65E-08	2.14E-08	4.40E-09	2.58E-08
3571	624249.26	4265364.44	1.39E-07	4.80E-08	1.87E-07	1.17E-07	3.59E-08	1.53E-07	2.76E-08	9.19E-09	3.68E-08	2.15E-08	4.43E-09	2.60E-08
3572	624258.15	4265360.9	1.40E-07	4.83E-08	1.89E-07	1.17E-07	3.62E-08	1.54E-07	2.78E-08	9.25E-09	3.70E-08	2.17E-08	4.46E-09	2.61E-08
3573	624267.04	4265357.37	1.41E-07	4.86E-08	1.90E-07	1.18E-07	3.64E-08	1.55E-07	2.80E-08	9.31E-09	3.73E-08	2.18E-08	4.48E-09	2.63E-08
3574	624275.92	4265353.83	1.42E-07	4.89E-08	1.91E-07	1.19E-07	3.66E-08	1.55E-07	2.81E-08	9.37E-09	3.75E-08	2.19E-08	4.51E-09	2.65E-08
3575	624284.81	4265350.29	1.43E-07	4.92E-08	1.92E-07	1.20E-07	3.68E-08	1.56E-07	2.83E-08	9.42E-09	3.77E-08	2.21E-08	4.54E-09	2.66E-08
3576	624293.69	4265346.76	1.44E-07	4.95E-08	1.93E-07	1.20E-07	3.71E-08	1.57E-07	2.85E-08	9.48E-09	3.80E-08	2.22E-08	4.57E-09	2.68E-08
3577	624302.58	4265343.22	1.45E-07	4.98E-08	1.95E-07	1.21E-07	3.73E-08	1.58E-07	2.87E-08	9.55E-09	3.82E-08	2.24E-08	4.60E-09	2.70E-08
3578	624311.47	4265339.69	1.46E-07	5.02E-08	1.96E-07	1.22E-07	3.76E-08	1.60E-07	2.89E-08	9.62E-09	3.85E-08	2.25E-08	4.63E-09	2.72E-08
3579	624320.35	4265336.15	1.47E-07	5.06E-08	1.98E-07	1.23E-07	3.79E-08	1.61E-07	2.91E-08	9.69E-09	3.88E-08	2.27E-08	4.67E-09	2.74E-08
3580	624329.24	4265332.62	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.94E-08	9.77E-09	3.91E-08	2.29E-08	4.71E-09	2.76E-08
3581	624338.12	4265329.08	1.50E-07	5.15E-08	2.01E-07	1.25E-07	3.85E-08	1.64E-07	2.96E-08	9.86E-09	3.95E-08	2.31E-08	4.75E-09	2.78E-08
3582	624347.01	4265325.54	1.51E-07	5.19E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.95E-09	3.98E-08	2.33E-08	4.79E-09	2.81E-08
3583	624355.9	4265322.01	1.52E-07	5.24E-08	2.05E-07	1.27E-07	3.92E-08	1.67E-07	3.02E-08	1.00E-08	4.02E-08	2.35E-08	4.84E-09	2.83E-08
3584	624009.97	4265663.38	1.22E-07	4.19E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.41E-08	8.03E-09	3.22E-08	1.88E-08	3.87E-09	2.27E-08
3585	624009.82	4265673.27	1.23E-07	4.24E-08	1.66E-07	1.03E-07	3.17E-08	1.35E-07	2.44E-08	8.12E-09	3.25E-08	1.90E-08	3.91E-09	2.29E-08
3586	624009.68	4265683.16	1.25E-07	4.29E-08	1.67E-07	1.04E-07	3.21E-08	1.36E-07	2.47E-08	8.21E-09	3.29E-08	1.92E-08	3.96E-09	2.32E-08
3587	624009.54	4265693.05	1.26E-07	4.33E-08	1.69E-07	1.05E-07	3.24E-08	1.38E-07	2.49E-08	8.30E-09	3.32E-08	1.94E-08	4.00E-09	2.34E-08
3588	624009.39	4265702.95	1.27E-07	4.37E-08	1.71E-07	1.06E-07	3.27E-08	1.39E-07	2.52E-08	8.38E-09	3.35E-08	1.96E-08	4.04E-09	2.37E-08
3589	624009.25	4265712.84	1.28E-07	4.41E-08	1.73E-07	1.07E-07	3.30E-08	1.40E-07	2.54E-08	8.46E-09	3.39E-08	1.98E-08	4.07E-09	2.39E-08
3590	624009.11	4265722.73	1.30E-07	4.46E-08	1.74E-07	1.08E-07	3.34E-08	1.42E-07	2.56E-08	8.54E-09	3.42E-08	2.00E-08	4.11E-09	2.41E-08
3591	624008.96	4265732.62	1.31E-07	4.50E-08	1.76E-07	1.09E-07	3.37E-08	1.43E-07	2.59E-08	8.62E-09	3.45E-08	2.02E-08	4.15E-09	2.43E-08
3592	624008.82	4265742.52	1.32E-07	4.54E-08	1.77E-07	1.10E-07	3.40E-08	1.44E-07	2.61E-08	8.69E-09	3.48E-08	2.04E-08	4.19E-09	2.46E-08
3593	624008.68	4265752.41	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.77E-09	3.51E-08	2.05E-08	4.23E-09	2.48E-08
3594	624008.54	4265762.3	1.34E-07	4.62E-08	1.81E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.86E-09	3.55E-08	2.07E-08	4.27E-09	2.50E-08
3595	624008.39	4265772.19	1.36E-07	4.67E-08	1.82E-07	1.13E-07	3.49E-08	1.48E-07	2.69E-08	8.94E-09	3.58E-08	2.09E-08	4.31E-09	2.52E-08
3596	624008.25	4265782.09	1.37E-07	4.71E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.03E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08

3597	624008.11	4265791.98	1.39E-07	4.76E-08	1.86E-07	1.16E-07	3.57E-08	1.51E-07	2.74E-08	9.13E-09	3.66E-08	2.14E-08	4.40E-09	2.58E-08
3598	624007.96	4265801.87	1.40E-07	4.82E-08	1.88E-07	1.17E-07	3.61E-08	1.53E-07	2.77E-08	9.23E-09	3.70E-08	2.16E-08	4.45E-09	2.61E-08
3599	624007.82	4265811.76	1.42E-07	4.87E-08	1.90E-07	1.18E-07	3.65E-08	1.55E-07	2.80E-08	9.33E-09	3.74E-08	2.19E-08	4.50E-09	2.64E-08
3600	624007.68	4265821.66	1.43E-07	4.93E-08	1.93E-07	1.20E-07	3.69E-08	1.57E-07	2.84E-08	9.44E-09	3.78E-08	2.21E-08	4.55E-09	2.67E-08
3601	624007.53	4265831.55	1.45E-07	4.99E-08	1.95E-07	1.21E-07	3.73E-08	1.59E-07	2.87E-08	9.55E-09	3.83E-08	2.24E-08	4.60E-09	2.70E-08
3602	624007.39	4265841.44	1.47E-07	5.04E-08	1.97E-07	1.23E-07	3.78E-08	1.60E-07	2.90E-08	9.67E-09	3.87E-08	2.26E-08	4.66E-09	2.73E-08
3603	624007.25	4265851.33	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.94E-08	9.78E-09	3.92E-08	2.29E-08	4.71E-09	2.76E-08
3604	624007.1	4265861.23	1.50E-07	5.16E-08	2.02E-07	1.25E-07	3.86E-08	1.64E-07	2.97E-08	9.89E-09	3.96E-08	2.32E-08	4.76E-09	2.79E-08
3605	624006.96	4265871.12	1.52E-07	5.22E-08	2.04E-07	1.27E-07	3.91E-08	1.66E-07	3.00E-08	1.00E-08	4.00E-08	2.34E-08	4.82E-09	2.82E-08
3606	624006.82	4265881.01	1.53E-07	5.28E-08	2.06E-07	1.28E-07	3.95E-08	1.68E-07	3.04E-08	1.01E-08	4.05E-08	2.37E-08	4.87E-09	2.85E-08
3607	624006.67	4265890.9	1.55E-07	5.33E-08	2.08E-07	1.30E-07	3.99E-08	1.69E-07	3.07E-08	1.02E-08	4.09E-08	2.39E-08	4.92E-09	2.88E-08
3608	624006.53	4265900.8	1.57E-07	5.38E-08	2.10E-07	1.31E-07	4.03E-08	1.71E-07	3.10E-08	1.03E-08	4.13E-08	2.42E-08	4.97E-09	2.91E-08
3609	624006.39	4265910.69	1.58E-07	5.44E-08	2.12E-07	1.32E-07	4.07E-08	1.73E-07	3.13E-08	1.04E-08	4.17E-08	2.44E-08	5.02E-09	2.94E-08
3610	624006.25	4265920.58	1.60E-07	5.49E-08	2.14E-07	1.33E-07	4.11E-08	1.74E-07	3.16E-08	1.05E-08	4.21E-08	2.46E-08	5.06E-09	2.97E-08
3611	624006.1	4265930.47	1.61E-07	5.54E-08	2.16E-07	1.35E-07	4.14E-08	1.76E-07	3.19E-08	1.06E-08	4.25E-08	2.48E-08	5.11E-09	2.99E-08
3612	624005.96	4265940.37	1.62E-07	5.58E-08	2.18E-07	1.36E-07	4.18E-08	1.78E-07	3.21E-08	1.07E-08	4.28E-08	2.51E-08	5.15E-09	3.02E-08
3613	624005.82	4265950.26	1.64E-07	5.63E-08	2.20E-07	1.37E-07	4.21E-08	1.79E-07	3.24E-08	1.08E-08	4.32E-08	2.53E-08	5.20E-09	3.05E-08
3614	624005.67	4265960.15	1.65E-07	5.67E-08	2.22E-07	1.38E-07	4.25E-08	1.80E-07	3.27E-08	1.09E-08	4.35E-08	2.55E-08	5.24E-09	3.07E-08
3615	624005.53	4265970.04	1.66E-07	5.72E-08	2.23E-07	1.39E-07	4.28E-08	1.82E-07	3.29E-08	1.10E-08	4.38E-08	2.56E-08	5.27E-09	3.09E-08
3616	624005.39	4265979.94	1.67E-07	5.76E-08	2.25E-07	1.40E-07	4.31E-08	1.83E-07	3.31E-08	1.10E-08	4.42E-08	2.58E-08	5.31E-09	3.11E-08
3617	624005.24	4265989.83	1.68E-07	5.79E-08	2.26E-07	1.41E-07	4.34E-08	1.84E-07	3.33E-08	1.11E-08	4.44E-08	2.60E-08	5.35E-09	3.13E-08
3618	624005.1	4265999.72	1.69E-07	5.83E-08	2.28E-07	1.42E-07	4.36E-08	1.85E-07	3.35E-08	1.12E-08	4.47E-08	2.62E-08	5.38E-09	3.15E-08
3619	624004.96	4266009.61	1.70E-07	5.86E-08	2.29E-07	1.42E-07	4.39E-08	1.86E-07	3.37E-08	1.12E-08	4.50E-08	2.63E-08	5.41E-09	3.17E-08
3620	624004.81	4266019.51	1.71E-07	5.89E-08	2.30E-07	1.43E-07	4.41E-08	1.87E-07	3.39E-08	1.13E-08	4.52E-08	2.64E-08	5.44E-09	3.19E-08
3621	624004.67	4266029.4	1.72E-07	5.91E-08	2.31E-07	1.44E-07	4.43E-08	1.88E-07	3.40E-08	1.13E-08	4.54E-08	2.65E-08	5.46E-09	3.20E-08
3622	624004.53	4266039.29	1.73E-07	5.94E-08	2.32E-07	1.44E-07	4.44E-08	1.89E-07	3.42E-08	1.14E-08	4.55E-08	2.66E-08	5.48E-09	3.21E-08
3623	624004.38	4266049.18	1.73E-07	5.95E-08	2.33E-07	1.45E-07	4.46E-08	1.89E-07	3.43E-08	1.14E-08	4.57E-08	2.67E-08	5.49E-09	3.22E-08
3624	624004.24	4266059.08	1.73E-07	5.96E-08	2.33E-07	1.45E-07	4.47E-08	1.90E-07	3.43E-08	1.14E-08	4.58E-08	2.68E-08	5.50E-09	3.23E-08
3625	624004.1	4266068.97	1.74E-07	5.97E-08	2.33E-07	1.45E-07	4.47E-08	1.90E-07	3.44E-08	1.14E-08	4.58E-08	2.68E-08	5.51E-09	3.23E-08
3626	623963.88	4265653.59	1.08E-07	3.71E-08	1.45E-07	9.02E-08	2.78E-08	1.18E-07	2.14E-08	7.11E-09	2.85E-08	1.66E-08	3.42E-09	2.01E-08
3627	623967.79	4265644.52	1.08E-07	3.71E-08	1.45E-07	9.01E-08	2.77E-08	1.18E-07	2.13E-08	7.10E-09	2.84E-08	1.66E-08	3.42E-09	2.00E-08
3628	623971.7	4265635.46	1.08E-07	3.70E-08	1.45E-07	8.99E-08	2.77E-08	1.18E-07	2.13E-08	7.09E-09	2.84E-08	1.66E-08	3.41E-09	2.00E-08
3629	623975.6	4265626.39	1.07E-07	3.69E-08	1.44E-07	8.98E-08	2.77E-08	1.17E-07	2.13E-08	7.08E-09	2.83E-08	1.66E-08	3.41E-09	2.00E-08
3630	623979.51	4265617.33	1.07E-07	3.69E-08	1.44E-07	8.96E-08	2.76E-08	1.17E-07	2.12E-08	7.06E-09	2.83E-08	1.65E-08	3.40E-09	1.99E-08
3631	623983.42	4265608.26	1.07E-07	3.68E-08	1.44E-07	8.95E-08	2.76E-08	1.17E-07	2.12E-08	7.05E-09	2.82E-08	1.65E-08	3.40E-09	1.99E-08
3632	623987.33	4265599.19	1.07E-07	3.68E-08	1.44E-07	8.94E-08	2.75E-08	1.17E-07	2.12E-08	7.04E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3633	623991.24	4265590.13	1.07E-07	3.67E-08	1.44E-07	8.93E-08	2.75E-08	1.17E-07	2.11E-08	7.04E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3634	623995.14	4265581.06	1.07E-07	3.67E-08	1.43E-07	8.92E-08	2.75E-08	1.17E-07	2.11E-08	7.03E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3635	623999.05	4265572	1.07E-07	3.67E-08	1.43E-07	8.92E-08	2.75E-08	1.17E-07	2.11E-08	7.03E-09	2.81E-08	1.65E-08	3.39E-09	1.98E-08
3636	624002.96	4265562.93	1.07E-07	3.67E-08	1.43E-07	8.92E-08	2.75E-08	1.17E-07	2.11E-08	7.03E-09	2.81E-08	1.65E-08	3.39E-09	1.98E-08
3637	624006.87	4265553.87	1.07E-07	3.67E-08	1.43E-07	8.92E-08	2.75E-08	1.17E-07	2.11E-08	7.03E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3638	624010.78	4265544.8	1.07E-07	3.67E-08	1.43E-07	8.92E-08	2.75E-08	1.17E-07	2.11E-08	7.03E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3639	624014.68	4265535.73	1.07E-07	3.67E-08	1.44E-07	8.93E-08	2.75E-08	1.17E-07	2.11E-08	7.04E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3640	624018.59	4265526.67	1.07E-07	3.68E-08	1.44E-07	8.93E-08	2.75E-08	1.17E-07	2.12E-08	7.04E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3641	624022.5	4265517.6	1.07E-07	3.68E-08	1.44E-07	8.94E-08	2.75E-08	1.17E-07	2.12E-08	7.05E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3642	624026.41	4265508.54	1.07E-07	3.68E-08	1.44E-07	8.94E-08	2.75E-08	1.17E-07	2.12E-08	7.05E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3643	624030.32	4265499.47	1.07E-07	3.68E-08	1.44E-07	8.94E-08	2.75E-08	1.17E-07	2.12E-08	7.05E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3644	624034.23	4265490.41	1.07E-07	3.68E-08	1.44E-07	8.94E-08	2.75E-08	1.17E-07	2.12E-08	7.04E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3645	624038.13	4265481.34	1.07E-07	3.67E-08	1.44E-07	8.93E-08	2.75E-08	1.17E-07	2.11E-08	7.04E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3646	624042.04	4265472.28	1.07E-07	3.67E-08	1.43E-07	8.92E-08	2.75E-08	1.17E-07	2.11E-08	7.03E-09	2.81E-08	1.65E-08	3.39E-09	1.98E-08
3647	624045.95	4265463.21	1.06E-07	3.66E-08	1.43E-07	8.90E-08	2.74E-08	1.16E-07	2.11E-08	7.02E-09	2.81E-08	1.64E-08	3.38E-09	1.98E-08
3648	624049.86	4265454.14	1.06E-07	3.65E-08	1.43E-07	8.88E-08	2.74E-08	1.16E-07	2.10E-08	7.00E-09	2.80E-08	1.64E-08	3.37E-09	1.98E-08
3649	624053.77	4265445.08	1.06E-07	3.65E-08	1.42E-07	8.86E-08	2.73E-08	1.16E-07	2.10E-08	6.99E-09	2.80E-08	1.64E-08	3.36E-09	1.97E-08
3650	624057.67	4265436.01	1.06E-07	3.64E-08	1.42E-07	8.84E-08	2.72E-08	1.16E-07	2.09E-08	6.97E-09	2.79E-08	1.63E-08	3.36E-09	1.97E-08
3651	624061.58	4265426.95	1.05E-07	3.63E-08	1.42E-07	8.81E-08	2.71E-08	1.15E-07	2.09E-08	6.95E-09	2.78E-08	1.63E-08	3.35E-09	1.96E-08
3652	624065.49	4265417.88	1.05E-07	3.61E-08	1.41E-07	8.78E-08	2.71E-08	1.15E-07	2.08E-08	6.92E-09	2.77E-08	1.62E-08	3.34E-09	1.96E-08
3653	624069.4	4265408.82	1.05E-07	3.60E-08	1.41E-07	8.76E-08	2.70E-08	1.15E-07	2.07E-08	6.90E-09	2.76E-08	1.62E-08	3.32E-09	1.95E-08
3654	624073.31	4265399.75	1.04E-07	3.59E-08	1.40E-07	8.73E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
3655	624077.21	4265390.68	1.04E-07	3.58E-08	1.40E-07	8.70E-08	2.68E-08	1.14E-07	2.06E-08	6.86E-09	2.75E-08	1.61E-08	3.30E-09	1.94E-08
3656	624090.3	4265377.97	1.05E-07	3.62E-08	1.41E-07	8.79E-08	2.71E-08	1.15E-07	2.08E-08	6.93E-09	2.77E-08	1.62E-08	3.34E-09	1.96E-08
3657	624099.47	4265374.32	1.07E-07	3.67E-08	1.43E-07	8.92E-08	2.75E-08	1.17E-07	2.11E-08	7.03E-09	2.81E-08	1.65E-08	3.39E-09	1.98E-08
3658	624108.64	4265370.67	1.08E-07	3.72E-08	1.45E-07	9.04E-08	2.79E-08	1.18E-07	2.14E-08	7.13E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08
3659	624117.81	4265367.02	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.83E-08	1.20E-07	2.17E-08	7.23E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
3660	624126.99	4265363.37	1.11E-07	3.83E-08	1.50E-07	9.30E-08	2.87E-08	1.22E-07	2.20E-08	7.33E-09	2.94E-08	1.72E-08	3.53E-09	2.07E-08
3661	624136.16	4265359.72	1.13E-07	3.88E-08	1.52E-07	9.43E-08	2.91E-08	1.23E-07	2.23E-08	7.44E-09	2.98E-08	1.74E-08	3.58E-09	2.10E-08
3662	624145.33	4265356.07	1.14E-07	3.93E-08	1.54E-07	9.56E-08	2.95E-08	1.25E-07	2.26E-08	7.54E-09	3.02E-08	1.77E-08	3.63E-09	2.13E-08
3663	624154.5	4265352.42	1.16E-07	3.98E-08	1.56E-07	9.68E-08	2.98E-08	1.27E-07	2.29E-08	7.63E-09	3.06E-08	1.79E-08	3.68E-09	2.15E-08
3664	624163.68	4265348.77	1.17E-07	4.03E-08	1.58E-07	9.80E-08	3.02E-08	1.28E-07	2.32E-08	7.72E-09	3.09E-08	1.81E-08	3.72E-09	2.18E-08
3665	624172.85	4265345.12	1.19E-07	4.08E-08	1.59E-07	9.91E-08	3.05E-08	1.30E-07	2.35E-08	7.81E-09	3.13E-08	1.83E-08	3.76E-09	2.20E-08
3666	624182.02	4265341.47	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.08E-08	1.31E-07	2.37E-08	7.89E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
3667	624191.19	4265337.82	1.21E-07	4.16E-08	1.63E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.97E-09	3.19E-08	1.87E-08	3.84E-09	2.25E-08
3668	624200.37	4265334.17	1.22E-07	4.20E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.42E-08	8.04E-09	3.22E-08	1.88E-08	3.87E-09	2.27E-08

3669	624209.54	4265330.52	1.23E-07	4.23E-08	1.65E-07	1.03E-07	3.17E-08	1.34E-07	2.43E-08	8.10E-09	3.25E-08	1.90E-08	3.90E-09	2.29E-08
3670	624218.71	4265326.87	1.24E-07	4.26E-08	1.67E-07	1.04E-07	3.19E-08	1.35E-07	2.45E-08	8.17E-09	3.27E-08	1.91E-08	3.93E-09	2.31E-08
3671	624227.89	4265323.22	1.25E-07	4.29E-08	1.68E-07	1.04E-07	3.21E-08	1.36E-07	2.47E-08	8.22E-09	3.29E-08	1.93E-08	3.96E-09	2.32E-08
3672	624237.06	4265319.57	1.26E-07	4.32E-08	1.69E-07	1.05E-07	3.23E-08	1.37E-07	2.49E-08	8.27E-09	3.31E-08	1.94E-08	3.98E-09	2.34E-08
3673	624246.23	4265315.92	1.26E-07	4.34E-08	1.70E-07	1.06E-07	3.25E-08	1.38E-07	2.50E-08	8.32E-09	3.33E-08	1.95E-08	4.01E-09	2.35E-08
3674	624255.4	4265312.27	1.27E-07	4.36E-08	1.71E-07	1.06E-07	3.27E-08	1.39E-07	2.51E-08	8.36E-09	3.35E-08	1.96E-08	4.03E-09	2.36E-08
3675	624264.58	4265308.63	1.28E-07	4.39E-08	1.71E-07	1.07E-07	3.28E-08	1.39E-07	2.53E-08	8.41E-09	3.37E-08	1.97E-08	4.05E-09	2.37E-08
3676	624273.75	4265304.98	1.28E-07	4.41E-08	1.72E-07	1.07E-07	3.30E-08	1.40E-07	2.54E-08	8.45E-09	3.38E-08	1.98E-08	4.07E-09	2.39E-08
3677	624282.92	4265301.33	1.29E-07	4.43E-08	1.73E-07	1.08E-07	3.32E-08	1.41E-07	2.55E-08	8.49E-09	3.40E-08	1.99E-08	4.09E-09	2.40E-08
3678	624292.09	4265297.68	1.30E-07	4.46E-08	1.74E-07	1.08E-07	3.34E-08	1.42E-07	2.57E-08	8.54E-09	3.42E-08	2.00E-08	4.11E-09	2.41E-08
3679	624301.27	4265294.03	1.30E-07	4.48E-08	1.75E-07	1.09E-07	3.36E-08	1.43E-07	2.58E-08	8.59E-09	3.44E-08	2.01E-08	4.14E-09	2.43E-08
3680	624310.44	4265290.38	1.31E-07	4.51E-08	1.76E-07	1.10E-07	3.38E-08	1.43E-07	2.60E-08	8.65E-09	3.46E-08	2.03E-08	4.17E-09	2.44E-08
3681	624319.61	4265286.73	1.32E-07	4.54E-08	1.78E-07	1.10E-07	3.40E-08	1.44E-07	2.62E-08	8.71E-09	3.49E-08	2.04E-08	4.19E-09	2.46E-08
3682	624328.79	4265283.08	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.77E-09	3.51E-08	2.05E-08	4.23E-09	2.48E-08
3683	624337.96	4265279.43	1.34E-07	4.61E-08	1.80E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.84E-09	3.54E-08	2.07E-08	4.26E-09	2.50E-08
3684	624347.13	4265275.78	1.35E-07	4.65E-08	1.82E-07	1.13E-07	3.48E-08	1.48E-07	2.68E-08	8.91E-09	3.57E-08	2.09E-08	4.29E-09	2.52E-08
3685	624356.3	4265272.13	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.98E-09	3.60E-08	2.10E-08	4.33E-09	2.54E-08
3686	623959.97	4265662.65	1.08E-07	3.71E-08	1.45E-07	9.03E-08	2.78E-08	1.18E-07	2.14E-08	7.11E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08
3687	623959.83	4265672.55	1.09E-07	3.75E-08	1.47E-07	9.12E-08	2.81E-08	1.19E-07	2.16E-08	7.19E-09	2.88E-08	1.68E-08	3.46E-09	2.03E-08
3688	623959.69	4265682.44	1.10E-07	3.79E-08	1.48E-07	9.20E-08	2.83E-08	1.20E-07	2.18E-08	7.25E-09	2.90E-08	1.70E-08	3.49E-09	2.05E-08
3689	623959.54	4265692.33	1.11E-07	3.82E-08	1.49E-07	9.28E-08	2.86E-08	1.21E-07	2.20E-08	7.32E-09	2.93E-08	1.71E-08	3.53E-09	2.07E-08
3690	623959.4	4265702.22	1.12E-07	3.85E-08	1.51E-07	9.36E-08	2.88E-08	1.22E-07	2.22E-08	7.38E-09	2.96E-08	1.73E-08	3.56E-09	2.08E-08
3691	623959.26	4265712.12	1.13E-07	3.88E-08	1.52E-07	9.44E-08	2.91E-08	1.23E-07	2.23E-08	7.44E-09	2.98E-08	1.74E-08	3.58E-09	2.10E-08
3692	623959.11	4265722.01	1.14E-07	3.91E-08	1.53E-07	9.51E-08	2.93E-08	1.24E-07	2.25E-08	7.50E-09	3.00E-08	1.76E-08	3.61E-09	2.12E-08
3693	623958.97	4265731.9	1.15E-07	3.94E-08	1.54E-07	9.58E-08	2.95E-08	1.25E-07	2.27E-08	7.55E-09	3.02E-08	1.77E-08	3.64E-09	2.13E-08
3694	623958.83	4265741.79	1.15E-07	3.97E-08	1.55E-07	9.65E-08	2.97E-08	1.26E-07	2.28E-08	7.60E-09	3.04E-08	1.78E-08	3.66E-09	2.15E-08
3695	623958.68	4265751.69	1.16E-07	4.00E-08	1.56E-07	9.71E-08	2.99E-08	1.27E-07	2.30E-08	7.66E-09	3.07E-08	1.79E-08	3.69E-09	2.16E-08
3696	623958.54	4265761.58	1.17E-07	4.03E-08	1.57E-07	9.79E-08	3.01E-08	1.28E-07	2.32E-08	7.71E-09	3.09E-08	1.81E-08	3.72E-09	2.18E-08
3697	623958.4	4265771.47	1.18E-07	4.06E-08	1.59E-07	9.86E-08	3.04E-08	1.29E-07	2.33E-08	7.77E-09	3.11E-08	1.82E-08	3.74E-09	2.19E-08
3698	623958.25	4265781.36	1.19E-07	4.09E-08	1.60E-07	9.94E-08	3.06E-08	1.30E-07	2.35E-08	7.83E-09	3.14E-08	1.83E-08	3.77E-09	2.21E-08
3699	623958.11	4265791.26	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.37E-08	7.90E-09	3.16E-08	1.85E-08	3.81E-09	2.23E-08
3700	623957.97	4265801.15	1.21E-07	4.16E-08	1.63E-07	1.01E-07	3.12E-08	1.32E-07	2.40E-08	7.97E-09	3.19E-08	1.87E-08	3.84E-09	2.25E-08
3701	623957.82	4265811.04	1.22E-07	4.20E-08	1.64E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.05E-09	3.22E-08	1.89E-08	3.88E-09	2.27E-08
3702	623957.68	4265820.93	1.23E-07	4.25E-08	1.66E-07	1.03E-07	3.18E-08	1.35E-07	2.44E-08	8.13E-09	3.26E-08	1.90E-08	3.92E-09	2.30E-08
3703	623957.54	4265830.83	1.25E-07	4.29E-08	1.68E-07	1.04E-07	3.21E-08	1.36E-07	2.47E-08	8.22E-09	3.29E-08	1.93E-08	3.96E-09	2.32E-08
3704	623957.4	4265840.72	1.26E-07	4.34E-08	1.70E-07	1.05E-07	3.25E-08	1.38E-07	2.50E-08	8.31E-09	3.33E-08	1.95E-08	4.00E-09	2.35E-08
3705	623957.25	4265850.61	1.28E-07	4.39E-08	1.71E-07	1.07E-07	3.28E-08	1.39E-07	2.52E-08	8.40E-09	3.36E-08	1.97E-08	4.05E-09	2.37E-08
3706	623957.11	4265860.5	1.29E-07	4.43E-08	1.73E-07	1.08E-07	3.32E-08	1.41E-07	2.55E-08	8.50E-09	3.40E-08	1.99E-08	4.09E-09	2.40E-08
3707	623956.97	4265870.4	1.30E-07	4.49E-08	1.75E-07	1.09E-07	3.36E-08	1.43E-07	2.58E-08	8.60E-09	3.44E-08	2.01E-08	4.14E-09	2.43E-08
3708	623956.82	4265880.29	1.32E-07	4.54E-08	1.77E-07	1.10E-07	3.40E-08	1.44E-07	2.61E-08	8.70E-09	3.48E-08	2.04E-08	4.19E-09	2.46E-08
3709	623956.68	4265890.18	1.34E-07	4.59E-08	1.79E-07	1.12E-07	3.44E-08	1.46E-07	2.64E-08	8.80E-09	3.52E-08	2.06E-08	4.24E-09	2.48E-08
3710	623956.54	4265900.07	1.35E-07	4.64E-08	1.81E-07	1.13E-07	3.48E-08	1.48E-07	2.67E-08	8.89E-09	3.56E-08	2.08E-08	4.28E-09	2.51E-08
3711	623956.39	4265909.97	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.99E-09	3.60E-08	2.10E-08	4.33E-09	2.54E-08
3712	623956.25	4265919.86	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.08E-09	3.63E-08	2.13E-08	4.37E-09	2.56E-08
3713	623956.11	4265929.75	1.39E-07	4.78E-08	1.87E-07	1.16E-07	3.58E-08	1.52E-07	2.75E-08	9.17E-09	3.67E-08	2.15E-08	4.42E-09	2.59E-08
3714	623955.96	4265939.64	1.40E-07	4.83E-08	1.89E-07	1.17E-07	3.62E-08	1.54E-07	2.78E-08	9.25E-09	3.71E-08	2.17E-08	4.46E-09	2.61E-08
3715	623955.82	4265949.54	1.42E-07	4.87E-08	1.90E-07	1.18E-07	3.65E-08	1.55E-07	2.81E-08	9.34E-09	3.74E-08	2.19E-08	4.50E-09	2.64E-08
3716	623955.68	4265959.43	1.43E-07	4.92E-08	1.92E-07	1.19E-07	3.68E-08	1.56E-07	2.83E-08	9.42E-09	3.77E-08	2.21E-08	4.54E-09	2.66E-08
3717	623955.53	4265969.32	1.44E-07	4.95E-08	1.94E-07	1.20E-07	3.71E-08	1.58E-07	2.85E-08	9.49E-09	3.80E-08	2.22E-08	4.57E-09	2.68E-08
3718	623955.39	4265979.21	1.45E-07	4.99E-08	1.95E-07	1.21E-07	3.74E-08	1.59E-07	2.87E-08	9.56E-09	3.83E-08	2.24E-08	4.61E-09	2.70E-08
3719	623955.25	4265989.11	1.46E-07	5.02E-08	1.96E-07	1.22E-07	3.76E-08	1.60E-07	2.89E-08	9.63E-09	3.85E-08	2.25E-08	4.64E-09	2.72E-08
3720	623955.11	4265999	1.47E-07	5.05E-08	1.98E-07	1.23E-07	3.78E-08	1.61E-07	2.91E-08	9.68E-09	3.88E-08	2.27E-08	4.66E-09	2.73E-08
3721	623954.96	4266008.89	1.48E-07	5.08E-08	1.99E-07	1.24E-07	3.80E-08	1.62E-07	2.93E-08	9.74E-09	3.90E-08	2.28E-08	4.69E-09	2.75E-08
3722	623954.82	4266018.78	1.49E-07	5.11E-08	2.00E-07	1.24E-07	3.82E-08	1.62E-07	2.94E-08	9.78E-09	3.92E-08	2.29E-08	4.71E-09	2.76E-08
3723	623954.68	4266028.68	1.49E-07	5.13E-08	2.00E-07	1.25E-07	3.84E-08	1.63E-07	2.95E-08	9.83E-09	3.94E-08	2.30E-08	4.73E-09	2.77E-08
3724	623954.53	4266038.57	1.50E-07	5.15E-08	2.01E-07	1.25E-07	3.85E-08	1.64E-07	2.96E-08	9.86E-09	3.95E-08	2.31E-08	4.75E-09	2.79E-08
3725	623954.39	4266048.46	1.50E-07	5.16E-08	2.02E-07	1.25E-07	3.87E-08	1.64E-07	2.97E-08	9.89E-09	3.96E-08	2.32E-08	4.76E-09	2.79E-08
3726	623954.25	4266058.35	1.50E-07	5.17E-08	2.02E-07	1.26E-07	3.87E-08	1.65E-07	2.98E-08	9.91E-09	3.97E-08	2.32E-08	4.78E-09	2.80E-08
3727	623954.1	4266068.25	1.51E-07	5.18E-08	2.03E-07	1.26E-07	3.88E-08	1.65E-07	2.98E-08	9.93E-09	3.98E-08	2.33E-08	4.78E-09	2.80E-08
3728	623913.87	4265652.9	9.66E-08	3.32E-08	1.30E-07	8.07E-08	2.49E-08	1.06E-07	1.91E-08	6.36E-09	2.55E-08	1.49E-08	3.06E-09	1.80E-08
3729	623917.77	4265643.86	9.65E-08	3.32E-08	1.30E-07	8.06E-08	2.48E-08	1.05E-07	1.91E-08	6.36E-09	2.54E-08	1.49E-08	3.06E-09	1.79E-08
3730	623921.66	4265634.83	9.63E-08	3.31E-08	1.29E-07	8.05E-08	2.48E-08	1.05E-07	1.91E-08	6.35E-09	2.54E-08	1.49E-08	3.06E-09	1.79E-08
3731	623925.55	4265625.8	9.62E-08	3.31E-08	1.29E-07	8.04E-08	2.48E-08	1.05E-07	1.90E-08	6.34E-09	2.54E-08	1.48E-08	3.05E-09	1.79E-08
3732	623929.45	4265616.76	9.61E-08	3.30E-08	1.29E-07	8.03E-08	2.47E-08	1.05E-07	1.90E-08	6.33E-09	2.54E-08	1.48E-08	3.05E-09	1.79E-08
3733	623933.34	4265607.73	9.60E-08	3.30E-08	1.29E-07	8.02E-08	2.47E-08	1.05E-07	1.90E-08	6.32E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
3734	623937.24	4265598.7	9.59E-08	3.30E-08	1.29E-07	8.01E-08	2.47E-08	1.05E-07	1.90E-08	6.32E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
3735	623941.13	4265589.66	9.58E-08	3.29E-08	1.29E-07	8.00E-08	2.47E-08	1.05E-07	1.90E-08	6.31E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
3736	623945.02	4265580.63	9.57E-08	3.29E-08	1.29E-07	8.00E-08	2.46E-08	1.05E-07	1.89E-08	6.30E-09	2.52E-08	1.48E-08	3.04E-09	1.78E-08
3737	623948.92	4265571.6	9.56E-08	3.29E-08	1.29E-07	7.99E-08	2.46E-08	1.05E-07	1.89E-08	6.30E-09	2.52E-08	1.48E-08	3.03E-09	1.78E-08
3738	623952.81	4265562.56	9.56E-08	3.29E-08	1.28E-07	7.99E-08	2.46E-08	1.05E-07	1.89E-08	6.30E-09	2.52E-08	1.48E-08	3.03E-09	1.78E-08
3739	623956.71	4265553.53	9.56E-08	3.29E-08	1.28E-07	7.99E-08	2.46E-08	1.05E-07	1.89E-08	6.30E-09	2.52E-08	1.48E-08	3.03E-09	1.78E-08
3740	623960.6	4265544.5	9.56E-08	3.29E-08	1.29E-07	7.99E-08	2.46E-08	1.05E-07	1.89E-08	6.30E-09	2.52E-08	1.48E-08	3.03E-09	1.78E-08

3741	623964.49	4265535.46	9.57E-08	3.29E-08	1.29E-07	8.00E-08	2.46E-08	1.05E-07	1.89E-08	6.30E-09	2.52E-08	1.48E-08	3.04E-09	1.78E-08
3742	623968.39	4265526.43	9.57E-08	3.29E-08	1.29E-07	8.00E-08	2.46E-08	1.05E-07	1.90E-08	6.31E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
3743	623972.28	4265517.4	9.58E-08	3.29E-08	1.29E-07	8.01E-08	2.47E-08	1.05E-07	1.90E-08	6.31E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
3744	623976.18	4265508.36	9.59E-08	3.30E-08	1.29E-07	8.01E-08	2.47E-08	1.05E-07	1.90E-08	6.32E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
3745	623980.07	4265499.33	9.59E-08	3.30E-08	1.29E-07	8.02E-08	2.47E-08	1.05E-07	1.90E-08	6.32E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
3746	623983.97	4265490.3	9.60E-08	3.30E-08	1.29E-07	8.02E-08	2.47E-08	1.05E-07	1.90E-08	6.32E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
3747	623987.86	4265481.27	9.60E-08	3.30E-08	1.29E-07	8.02E-08	2.47E-08	1.05E-07	1.90E-08	6.32E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
3748	623991.75	4265472.23	9.59E-08	3.30E-08	1.29E-07	8.02E-08	2.47E-08	1.05E-07	1.90E-08	6.32E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
3749	623995.65	4265463.2	9.59E-08	3.30E-08	1.29E-07	8.01E-08	2.47E-08	1.05E-07	1.90E-08	6.32E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
3750	623999.54	4265454.17	9.58E-08	3.29E-08	1.29E-07	8.01E-08	2.47E-08	1.05E-07	1.90E-08	6.31E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
3751	624003.44	4265445.13	9.56E-08	3.29E-08	1.29E-07	7.99E-08	2.46E-08	1.05E-07	1.89E-08	6.30E-09	2.52E-08	1.48E-08	3.04E-09	1.78E-08
3752	624007.33	4265436.1	9.55E-08	3.28E-08	1.28E-07	7.98E-08	2.46E-08	1.04E-07	1.89E-08	6.29E-09	2.52E-08	1.47E-08	3.03E-09	1.78E-08
3753	624011.22	4265427.07	9.52E-08	3.28E-08	1.28E-07	7.96E-08	2.45E-08	1.04E-07	1.89E-08	6.28E-09	2.51E-08	1.47E-08	3.02E-09	1.77E-08
3754	624015.12	4265418.03	9.50E-08	3.27E-08	1.28E-07	7.94E-08	2.45E-08	1.04E-07	1.88E-08	6.26E-09	2.51E-08	1.47E-08	3.02E-09	1.77E-08
3755	624019.01	4265409	9.47E-08	3.26E-08	1.27E-07	7.92E-08	2.44E-08	1.04E-07	1.88E-08	6.24E-09	2.50E-08	1.46E-08	3.01E-09	1.76E-08
3756	624022.91	4265399.97	9.45E-08	3.25E-08	1.27E-07	7.90E-08	2.43E-08	1.03E-07	1.87E-08	6.22E-09	2.49E-08	1.46E-08	3.00E-09	1.76E-08
3757	624026.8	4265390.93	9.42E-08	3.24E-08	1.27E-07	7.87E-08	2.42E-08	1.03E-07	1.86E-08	6.20E-09	2.48E-08	1.45E-08	2.99E-09	1.75E-08
3758	624030.69	4265381.9	9.39E-08	3.23E-08	1.26E-07	7.85E-08	2.42E-08	1.03E-07	1.86E-08	6.18E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
3759	624034.59	4265372.87	9.36E-08	3.22E-08	1.26E-07	7.82E-08	2.41E-08	1.02E-07	1.85E-08	6.16E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08
3760	624038.48	4265363.83	9.33E-08	3.21E-08	1.25E-07	7.80E-08	2.40E-08	1.02E-07	1.85E-08	6.14E-09	2.46E-08	1.44E-08	2.96E-09	1.73E-08
3761	624042.38	4265354.8	9.30E-08	3.20E-08	1.25E-07	7.77E-08	2.39E-08	1.02E-07	1.84E-08	6.12E-09	2.45E-08	1.43E-08	2.95E-09	1.73E-08
3762	624055.41	4265342.13	9.39E-08	3.23E-08	1.26E-07	7.85E-08	2.42E-08	1.03E-07	1.86E-08	6.19E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
3763	624064.55	4265338.49	9.51E-08	3.27E-08	1.28E-07	7.95E-08	2.45E-08	1.04E-07	1.88E-08	6.27E-09	2.51E-08	1.47E-08	3.02E-09	1.77E-08
3764	624073.69	4265334.86	9.64E-08	3.32E-08	1.30E-07	8.06E-08	2.48E-08	1.05E-07	1.91E-08	6.35E-09	2.54E-08	1.49E-08	3.06E-09	1.79E-08
3765	624082.83	4265331.22	9.77E-08	3.36E-08	1.31E-07	8.17E-08	2.52E-08	1.07E-07	1.93E-08	6.44E-09	2.58E-08	1.51E-08	3.10E-09	1.82E-08
3766	624091.97	4265327.58	9.91E-08	3.41E-08	1.33E-07	8.28E-08	2.55E-08	1.08E-07	1.96E-08	6.53E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
3767	624101.11	4265323.95	1.00E-07	3.45E-08	1.35E-07	8.40E-08	2.59E-08	1.10E-07	1.99E-08	6.62E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
3768	624110.25	4265320.31	1.02E-07	3.50E-08	1.37E-07	8.51E-08	2.62E-08	1.11E-07	2.01E-08	6.71E-09	2.69E-08	1.57E-08	3.23E-09	1.89E-08
3769	624119.39	4265316.67	1.03E-07	3.55E-08	1.39E-07	8.62E-08	2.65E-08	1.13E-07	2.04E-08	6.79E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
3770	624128.53	4265313.04	1.04E-07	3.59E-08	1.40E-07	8.72E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
3771	624137.67	4265309.4	1.06E-07	3.63E-08	1.42E-07	8.82E-08	2.72E-08	1.15E-07	2.09E-08	6.96E-09	2.78E-08	1.63E-08	3.35E-09	1.96E-08
3772	624146.81	4265305.76	1.07E-07	3.67E-08	1.43E-07	8.92E-08	2.75E-08	1.17E-07	2.11E-08	7.03E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3773	624155.95	4265302.13	1.08E-07	3.71E-08	1.45E-07	9.01E-08	2.78E-08	1.18E-07	2.13E-08	7.10E-09	2.85E-08	1.66E-08	3.42E-09	2.01E-08
3774	624165.09	4265298.49	1.09E-07	3.74E-08	1.46E-07	9.10E-08	2.80E-08	1.19E-07	2.16E-08	7.17E-09	2.87E-08	1.68E-08	3.46E-09	2.03E-08
3775	624174.23	4265294.85	1.10E-07	3.78E-08	1.48E-07	9.18E-08	2.83E-08	1.20E-07	2.17E-08	7.24E-09	2.90E-08	1.70E-08	3.49E-09	2.04E-08
3776	624183.37	4265291.22	1.11E-07	3.81E-08	1.49E-07	9.26E-08	2.85E-08	1.21E-07	2.19E-08	7.30E-09	2.92E-08	1.71E-08	3.52E-09	2.06E-08
3777	624192.51	4265287.58	1.12E-07	3.84E-08	1.50E-07	9.33E-08	2.87E-08	1.22E-07	2.21E-08	7.35E-09	2.94E-08	1.72E-08	3.54E-09	2.08E-08
3778	624201.65	4265283.94	1.12E-07	3.86E-08	1.51E-07	9.39E-08	2.89E-08	1.23E-07	2.22E-08	7.40E-09	2.96E-08	1.73E-08	3.57E-09	2.09E-08
3779	624210.79	4265280.31	1.13E-07	3.89E-08	1.52E-07	9.45E-08	2.91E-08	1.24E-07	2.24E-08	7.45E-09	2.98E-08	1.74E-08	3.59E-09	2.10E-08
3780	624219.93	4265276.67	1.14E-07	3.91E-08	1.53E-07	9.50E-08	2.93E-08	1.24E-07	2.25E-08	7.49E-09	3.00E-08	1.75E-08	3.61E-09	2.11E-08
3781	624229.07	4265273.03	1.14E-07	3.93E-08	1.53E-07	9.55E-08	2.94E-08	1.25E-07	2.26E-08	7.52E-09	3.01E-08	1.76E-08	3.62E-09	2.12E-08
3782	624238.21	4265269.4	1.15E-07	3.94E-08	1.54E-07	9.59E-08	2.95E-08	1.25E-07	2.27E-08	7.56E-09	3.03E-08	1.77E-08	3.64E-09	2.13E-08
3783	624247.35	4265265.76	1.15E-07	3.96E-08	1.55E-07	9.62E-08	2.96E-08	1.26E-07	2.28E-08	7.59E-09	3.04E-08	1.78E-08	3.65E-09	2.14E-08
3784	624256.49	4265262.12	1.16E-07	3.98E-08	1.55E-07	9.66E-08	2.98E-08	1.26E-07	2.29E-08	7.62E-09	3.05E-08	1.78E-08	3.67E-09	2.15E-08
3785	624265.63	4265258.49	1.16E-07	3.99E-08	1.56E-07	9.70E-08	2.99E-08	1.27E-07	2.30E-08	7.65E-09	3.06E-08	1.79E-08	3.68E-09	2.16E-08
3786	624274.77	4265254.85	1.17E-07	4.01E-08	1.57E-07	9.74E-08	3.00E-08	1.27E-07	2.31E-08	7.68E-09	3.07E-08	1.80E-08	3.70E-09	2.17E-08
3787	624283.91	4265251.21	1.17E-07	4.02E-08	1.57E-07	9.78E-08	3.01E-08	1.28E-07	2.32E-08	7.71E-09	3.09E-08	1.81E-08	3.71E-09	2.18E-08
3788	624293.05	4265247.58	1.18E-07	4.04E-08	1.58E-07	9.83E-08	3.03E-08	1.29E-07	2.33E-08	7.75E-09	3.10E-08	1.81E-08	3.73E-09	2.19E-08
3789	624302.19	4265243.94	1.18E-07	4.07E-08	1.59E-07	9.88E-08	3.04E-08	1.29E-07	2.34E-08	7.79E-09	3.12E-08	1.82E-08	3.75E-09	2.20E-08
3790	624311.33	4265240.3	1.19E-07	4.09E-08	1.60E-07	9.94E-08	3.06E-08	1.30E-07	2.35E-08	7.84E-09	3.14E-08	1.84E-08	3.77E-09	2.21E-08
3791	624320.47	4265236.67	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.08E-08	1.31E-07	2.37E-08	7.88E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
3792	624329.61	4265233.03	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.94E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
3793	624338.75	4265229.39	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.12E-08	1.33E-07	2.40E-08	7.99E-09	3.20E-08	1.87E-08	3.85E-09	2.26E-08
3794	624347.89	4265225.76	1.22E-07	4.20E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.42E-08	8.04E-09	3.22E-08	1.88E-08	3.87E-09	2.27E-08
3795	624357.03	4265222.12	1.23E-07	4.22E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.09E-09	3.24E-08	1.90E-08	3.90E-09	2.29E-08
3796	623909.98	4265661.93	9.66E-08	3.32E-08	1.30E-07	8.07E-08	2.49E-08	1.06E-07	1.91E-08	6.37E-09	2.55E-08	1.49E-08	3.07E-09	1.80E-08
3797	623909.83	4265671.82	9.74E-08	3.35E-08	1.31E-07	8.15E-08	2.51E-08	1.07E-07	1.93E-08	6.42E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
3798	623909.69	4265681.72	9.83E-08	3.38E-08	1.32E-07	8.21E-08	2.53E-08	1.07E-07	1.94E-08	6.47E-09	2.59E-08	1.52E-08	3.12E-09	1.83E-08
3799	623909.55	4265691.61	9.90E-08	3.40E-08	1.33E-07	8.28E-08	2.55E-08	1.08E-07	1.96E-08	6.52E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
3800	623909.4	4265701.5	9.97E-08	3.43E-08	1.34E-07	8.33E-08	2.57E-08	1.09E-07	1.97E-08	6.57E-09	2.63E-08	1.54E-08	3.16E-09	1.86E-08
3801	623909.26	4265711.39	1.00E-07	3.45E-08	1.35E-07	8.39E-08	2.58E-08	1.10E-07	1.99E-08	6.61E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
3802	623909.12	4265721.29	1.01E-07	3.47E-08	1.36E-07	8.44E-08	2.60E-08	1.10E-07	2.00E-08	6.65E-09	2.66E-08	1.56E-08	3.20E-09	1.88E-08
3803	623908.98	4265731.18	1.02E-07	3.49E-08	1.37E-07	8.49E-08	2.62E-08	1.11E-07	2.01E-08	6.69E-09	2.68E-08	1.57E-08	3.22E-09	1.89E-08
3804	623908.83	4265741.07	1.02E-07	3.51E-08	1.37E-07	8.54E-08	2.63E-08	1.12E-07	2.02E-08	6.73E-09	2.70E-08	1.58E-08	3.24E-09	1.90E-08
3805	623908.69	4265750.96	1.03E-07	3.53E-08	1.38E-07	8.59E-08	2.65E-08	1.12E-07	2.03E-08	6.77E-09	2.71E-08	1.59E-08	3.26E-09	1.91E-08
3806	623908.55	4265760.86	1.03E-07	3.55E-08	1.39E-07	8.64E-08	2.66E-08	1.13E-07	2.05E-08	6.81E-09	2.73E-08	1.59E-08	3.28E-09	1.92E-08
3807	623908.4	4265770.75	1.04E-07	3.57E-08	1.40E-07	8.69E-08	2.68E-08	1.14E-07	2.06E-08	6.85E-09	2.74E-08	1.60E-08	3.30E-09	1.93E-08
3808	623908.26	4265780.64	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
3809	623908.12	4265790.53	1.05E-07	3.62E-08	1.42E-07	8.80E-08	2.71E-08	1.15E-07	2.09E-08	6.94E-09	2.78E-08	1.63E-08	3.34E-09	1.96E-08
3810	623907.97	4265800.43	1.06E-07	3.65E-08	1.43E-07	8.87E-08	2.73E-08	1.16E-07	2.10E-08	6.99E-09	2.80E-08	1.64E-08	3.37E-09	1.97E-08
3811	623907.83	4265810.32	1.07E-07	3.68E-08	1.44E-07	8.95E-08	2.76E-08	1.17E-07	2.12E-08	7.05E-09	2.82E-08	1.65E-08	3.40E-09	1.99E-08
3812	623907.69	4265820.21	1.08E-07	3.71E-08	1.45E-07	9.02E-08	2.78E-08	1.18E-07	2.14E-08	7.11E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08

3813	623907.54	4265830.1	1.09E-07	3.75E-08	1.46E-07	9.11E-08	2.81E-08	1.19E-07	2.16E-08	7.18E-09	2.88E-08	1.68E-08	3.46E-09	2.03E-08
3814	623907.4	4265840	1.10E-07	3.79E-08	1.48E-07	9.20E-08	2.84E-08	1.20E-07	2.18E-08	7.26E-09	2.91E-08	1.70E-08	3.49E-09	2.05E-08
3815	623907.26	4265849.89	1.11E-07	3.83E-08	1.50E-07	9.30E-08	2.87E-08	1.22E-07	2.20E-08	7.33E-09	2.94E-08	1.72E-08	3.53E-09	2.07E-08
3816	623907.11	4265859.78	1.13E-07	3.87E-08	1.51E-07	9.40E-08	2.90E-08	1.23E-07	2.23E-08	7.41E-09	2.97E-08	1.74E-08	3.57E-09	2.09E-08
3817	623906.97	4265869.67	1.14E-07	3.91E-08	1.53E-07	9.51E-08	2.93E-08	1.24E-07	2.25E-08	7.50E-09	3.00E-08	1.76E-08	3.61E-09	2.12E-08
3818	623906.83	4265879.57	1.15E-07	3.96E-08	1.55E-07	9.62E-08	2.96E-08	1.26E-07	2.28E-08	7.58E-09	3.04E-08	1.78E-08	3.65E-09	2.14E-08
3819	623906.69	4265889.46	1.16E-07	4.00E-08	1.56E-07	9.73E-08	3.00E-08	1.27E-07	2.30E-08	7.67E-09	3.07E-08	1.80E-08	3.70E-09	2.17E-08
3820	623906.54	4265899.35	1.18E-07	4.05E-08	1.58E-07	9.84E-08	3.03E-08	1.29E-07	2.33E-08	7.76E-09	3.11E-08	1.82E-08	3.74E-09	2.19E-08
3821	623906.4	4265909.24	1.19E-07	4.10E-08	1.60E-07	9.95E-08	3.07E-08	1.30E-07	2.36E-08	7.85E-09	3.14E-08	1.84E-08	3.78E-09	2.22E-08
3822	623906.26	4265919.14	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.93E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
3823	623906.11	4265929.03	1.22E-07	4.18E-08	1.64E-07	1.02E-07	3.13E-08	1.33E-07	2.41E-08	8.02E-09	3.21E-08	1.88E-08	3.86E-09	2.26E-08
3824	623905.97	4265938.92	1.23E-07	4.23E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.10E-09	3.24E-08	1.90E-08	3.90E-09	2.29E-08
3825	623905.83	4265948.81	1.24E-07	4.27E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.18E-09	3.27E-08	1.91E-08	3.94E-09	2.31E-08
3826	623905.68	4265958.71	1.25E-07	4.31E-08	1.68E-07	1.05E-07	3.22E-08	1.37E-07	2.48E-08	8.25E-09	3.30E-08	1.93E-08	3.97E-09	2.33E-08
3827	623905.54	4265968.6	1.26E-07	4.35E-08	1.70E-07	1.06E-07	3.25E-08	1.38E-07	2.50E-08	8.33E-09	3.33E-08	1.95E-08	4.01E-09	2.35E-08
3828	623905.4	4265978.49	1.27E-07	4.38E-08	1.71E-07	1.06E-07	3.28E-08	1.39E-07	2.52E-08	8.39E-09	3.36E-08	1.97E-08	4.04E-09	2.37E-08
3829	623905.25	4265988.38	1.28E-07	4.41E-08	1.72E-07	1.07E-07	3.30E-08	1.40E-07	2.54E-08	8.46E-09	3.39E-08	1.98E-08	4.07E-09	2.39E-08
3830	623905.11	4265998.28	1.29E-07	4.44E-08	1.74E-07	1.08E-07	3.32E-08	1.41E-07	2.56E-08	8.51E-09	3.41E-08	1.99E-08	4.10E-09	2.40E-08
3831	623904.97	4266008.17	1.30E-07	4.47E-08	1.75E-07	1.09E-07	3.34E-08	1.42E-07	2.57E-08	8.56E-09	3.43E-08	2.00E-08	4.12E-09	2.42E-08
3832	623904.82	4266018.06	1.30E-07	4.49E-08	1.75E-07	1.09E-07	3.36E-08	1.43E-07	2.58E-08	8.60E-09	3.44E-08	2.01E-08	4.14E-09	2.43E-08
3833	623904.68	4266027.95	1.31E-07	4.51E-08	1.76E-07	1.10E-07	3.37E-08	1.43E-07	2.59E-08	8.63E-09	3.46E-08	2.02E-08	4.16E-09	2.44E-08
3834	623904.54	4266037.85	1.31E-07	4.52E-08	1.77E-07	1.10E-07	3.38E-08	1.44E-07	2.60E-08	8.66E-09	3.47E-08	2.03E-08	4.17E-09	2.45E-08
3835	623904.4	4266047.74	1.32E-07	4.53E-08	1.77E-07	1.10E-07	3.39E-08	1.44E-07	2.61E-08	8.69E-09	3.48E-08	2.03E-08	4.18E-09	2.45E-08
3836	623904.25	4266057.63	1.32E-07	4.55E-08	1.78E-07	1.10E-07	3.40E-08	1.45E-07	2.62E-08	8.71E-09	3.49E-08	2.04E-08	4.20E-09	2.46E-08
3837	623904.11	4266067.52	1.32E-07	4.56E-08	1.78E-07	1.11E-07	3.41E-08	1.45E-07	2.62E-08	8.73E-09	3.49E-08	2.04E-08	4.20E-09	2.46E-08
3838	623863.87	4265652.2	8.69E-08	2.99E-08	1.17E-07	7.26E-08	2.24E-08	9.50E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
3839	623867.75	4265643.19	8.68E-08	2.99E-08	1.17E-07	7.26E-08	2.24E-08	9.49E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
3840	623871.63	4265634.18	8.68E-08	2.98E-08	1.17E-07	7.25E-08	2.23E-08	9.49E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
3841	623875.51	4265625.18	8.67E-08	2.98E-08	1.17E-07	7.25E-08	2.23E-08	9.48E-08	1.72E-08	5.71E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
3842	623879.4	4265616.17	8.67E-08	2.98E-08	1.16E-07	7.24E-08	2.23E-08	9.47E-08	1.72E-08	5.71E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
3843	623883.28	4265607.16	8.66E-08	2.98E-08	1.16E-07	7.23E-08	2.23E-08	9.46E-08	1.71E-08	5.70E-09	2.28E-08	1.34E-08	2.75E-09	1.61E-08
3844	623887.16	4265598.15	8.65E-08	2.97E-08	1.16E-07	7.23E-08	2.23E-08	9.45E-08	1.71E-08	5.70E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
3845	623891.05	4265589.15	8.64E-08	2.97E-08	1.16E-07	7.22E-08	2.22E-08	9.44E-08	1.71E-08	5.69E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
3846	623894.93	4265580.14	8.63E-08	2.97E-08	1.16E-07	7.21E-08	2.22E-08	9.44E-08	1.71E-08	5.69E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
3847	623898.81	4265571.13	8.63E-08	2.97E-08	1.16E-07	7.21E-08	2.22E-08	9.43E-08	1.71E-08	5.68E-09	2.28E-08	1.33E-08	2.74E-09	1.60E-08
3848	623902.7	4265562.12	8.62E-08	2.97E-08	1.16E-07	7.21E-08	2.22E-08	9.43E-08	1.71E-08	5.68E-09	2.28E-08	1.33E-08	2.74E-09	1.60E-08
3849	623906.58	4265553.12	8.62E-08	2.97E-08	1.16E-07	7.21E-08	2.22E-08	9.43E-08	1.71E-08	5.68E-09	2.28E-08	1.33E-08	2.74E-09	1.60E-08
3850	623910.46	4265544.11	8.63E-08	2.97E-08	1.16E-07	7.21E-08	2.22E-08	9.43E-08	1.71E-08	5.68E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
3851	623914.34	4265535.1	8.63E-08	2.97E-08	1.16E-07	7.22E-08	2.22E-08	9.44E-08	1.71E-08	5.69E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
3852	623918.23	4265526.09	8.64E-08	2.97E-08	1.16E-07	7.22E-08	2.22E-08	9.45E-08	1.71E-08	5.69E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
3853	623922.11	4265517.09	8.65E-08	2.97E-08	1.16E-07	7.23E-08	2.23E-08	9.46E-08	1.71E-08	5.70E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
3854	623925.99	4265508.08	8.66E-08	2.98E-08	1.16E-07	7.24E-08	2.23E-08	9.47E-08	1.71E-08	5.71E-09	2.28E-08	1.34E-08	2.75E-09	1.61E-08
3855	623929.88	4265499.07	8.67E-08	2.98E-08	1.16E-07	7.25E-08	2.23E-08	9.48E-08	1.72E-08	5.71E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
3856	623933.76	4265490.06	8.68E-08	2.98E-08	1.17E-07	7.25E-08	2.23E-08	9.49E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
3857	623937.64	4265481.06	8.68E-08	2.99E-08	1.17E-07	7.26E-08	2.24E-08	9.49E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
3858	623941.53	4265472.05	8.69E-08	2.99E-08	1.17E-07	7.26E-08	2.24E-08	9.50E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
3859	623945.41	4265463.04	8.69E-08	2.99E-08	1.17E-07	7.26E-08	2.24E-08	9.50E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
3860	623949.29	4265454.03	8.69E-08	2.99E-08	1.17E-07	7.26E-08	2.24E-08	9.50E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
3861	623953.18	4265445.03	8.68E-08	2.98E-08	1.17E-07	7.26E-08	2.23E-08	9.49E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
3862	623957.06	4265436.02	8.67E-08	2.98E-08	1.17E-07	7.25E-08	2.23E-08	9.48E-08	1.72E-08	5.71E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
3863	623960.94	4265427.01	8.66E-08	2.98E-08	1.16E-07	7.24E-08	2.23E-08	9.47E-08	1.71E-08	5.71E-09	2.28E-08	1.34E-08	2.75E-09	1.61E-08
3864	623964.82	4265418	8.64E-08	2.97E-08	1.16E-07	7.22E-08	2.23E-08	9.45E-08	1.71E-08	5.70E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
3865	623968.71	4265409	8.63E-08	2.97E-08	1.16E-07	7.21E-08	2.22E-08	9.43E-08	1.71E-08	5.68E-09	2.28E-08	1.33E-08	2.74E-09	1.60E-08
3866	623972.59	4265399.99	8.60E-08	2.96E-08	1.16E-07	7.19E-08	2.22E-08	9.41E-08	1.70E-08	5.67E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
3867	623976.47	4265390.98	8.58E-08	2.95E-08	1.15E-07	7.17E-08	2.21E-08	9.38E-08	1.70E-08	5.65E-09	2.26E-08	1.32E-08	2.72E-09	1.60E-08
3868	623980.36	4265381.97	8.56E-08	2.94E-08	1.15E-07	7.15E-08	2.20E-08	9.35E-08	1.69E-08	5.64E-09	2.26E-08	1.32E-08	2.72E-09	1.59E-08
3869	623984.24	4265372.97	8.53E-08	2.93E-08	1.15E-07	7.13E-08	2.20E-08	9.33E-08	1.69E-08	5.62E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08
3870	623988.12	4265363.96	8.50E-08	2.92E-08	1.14E-07	7.11E-08	2.19E-08	9.30E-08	1.68E-08	5.60E-09	2.24E-08	1.31E-08	2.70E-09	1.58E-08
3871	623992.01	4265354.95	8.47E-08	2.91E-08	1.14E-07	7.08E-08	2.18E-08	9.27E-08	1.68E-08	5.58E-09	2.24E-08	1.31E-08	2.69E-09	1.58E-08
3872	623995.89	4265345.94	8.45E-08	2.90E-08	1.14E-07	7.06E-08	2.17E-08	9.24E-08	1.67E-08	5.57E-09	2.23E-08	1.30E-08	2.68E-09	1.57E-08
3873	623999.77	4265336.94	8.42E-08	2.90E-08	1.13E-07	7.04E-08	2.17E-08	9.21E-08	1.67E-08	5.55E-09	2.22E-08	1.30E-08	2.67E-09	1.57E-08
3874	624003.65	4265327.93	8.39E-08	2.89E-08	1.13E-07	7.01E-08	2.16E-08	9.18E-08	1.66E-08	5.53E-09	2.21E-08	1.30E-08	2.66E-09	1.56E-08
3875	624007.54	4265318.92	8.37E-08	2.88E-08	1.12E-07	6.99E-08	2.15E-08	9.15E-08	1.66E-08	5.51E-09	2.21E-08	1.29E-08	2.66E-09	1.56E-08
3876	624020.53	4265306.29	8.45E-08	2.90E-08	1.13E-07	7.06E-08	2.17E-08	9.23E-08	1.67E-08	5.56E-09	2.23E-08	1.30E-08	2.68E-09	1.57E-08
3877	624029.65	4265302.66	8.55E-08	2.94E-08	1.15E-07	7.15E-08	2.20E-08	9.35E-08	1.69E-08	5.63E-09	2.26E-08	1.32E-08	2.71E-09	1.59E-08
3878	624038.76	4265299.03	8.66E-08	2.98E-08	1.16E-07	7.24E-08	2.23E-08	9.47E-08	1.71E-08	5.71E-09	2.28E-08	1.34E-08	2.75E-09	1.61E-08
3879	624047.88	4265295.41	8.77E-08	3.02E-08	1.18E-07	7.33E-08	2.26E-08	9.59E-08	1.74E-08	5.78E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
3880	624056.99	4265291.78	8.88E-08	3.06E-08	1.19E-07	7.43E-08	2.29E-08	9.71E-08	1.76E-08	5.85E-09	2.34E-08	1.37E-08	2.82E-09	1.65E-08
3881	624066.1	4265288.16	9.00E-08	3.09E-08	1.21E-07	7.52E-08	2.32E-08	9.84E-08	1.78E-08	5.93E-09	2.37E-08	1.39E-08	2.86E-09	1.67E-08
3882	624075.22	4265284.53	9.11E-08	3.13E-08	1.22E-07	7.62E-08	2.35E-08	9.96E-08	1.80E-08	6.00E-09	2.40E-08	1.41E-08	2.89E-09	1.70E-08
3883	624084.33	4265280.9	9.23E-08	3.17E-08	1.24E-07	7.71E-08	2.38E-08	1.01E-07	1.83E-08	6.08E-09	2.43E-08	1.42E-08	2.93E-09	1.72E-08
3884	624093.45	4265277.28	9.35E-08	3.21E-08	1.26E-07	7.81E-08	2.41E-08	1.02E-07	1.85E-08	6.16E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08

3885	624102.56	4265273.65	9.46E-08	3.25E-08	1.27E-07	7.91E-08	2.44E-08	1.03E-07	1.87E-08	6.24E-09	2.50E-08	1.46E-08	3.00E-09	1.76E-08
3886	624111.67	4265270.02	9.58E-08	3.29E-08	1.29E-07	8.01E-08	2.47E-08	1.05E-07	1.90E-08	6.31E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
3887	624120.79	4265266.4	9.68E-08	3.33E-08	1.30E-07	8.09E-08	2.49E-08	1.06E-07	1.92E-08	6.38E-09	2.55E-08	1.49E-08	3.07E-09	1.80E-08
3888	624129.9	4265262.77	9.78E-08	3.36E-08	1.31E-07	8.18E-08	2.52E-08	1.07E-07	1.94E-08	6.45E-09	2.58E-08	1.51E-08	3.11E-09	1.82E-08
3889	624139.02	4265259.15	9.88E-08	3.40E-08	1.33E-07	8.26E-08	2.54E-08	1.08E-07	1.96E-08	6.51E-09	2.61E-08	1.52E-08	3.14E-09	1.84E-08
3890	624148.13	4265255.52	9.97E-08	3.43E-08	1.34E-07	8.33E-08	2.57E-08	1.09E-07	1.97E-08	6.57E-09	2.63E-08	1.54E-08	3.16E-09	1.85E-08
3891	624157.24	4265251.89	1.01E-07	3.46E-08	1.35E-07	8.40E-08	2.59E-08	1.10E-07	1.99E-08	6.62E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
3892	624166.36	4265248.27	1.01E-07	3.48E-08	1.36E-07	8.47E-08	2.61E-08	1.11E-07	2.01E-08	6.67E-09	2.67E-08	1.56E-08	3.22E-09	1.88E-08
3893	624175.47	4265244.64	1.02E-07	3.51E-08	1.37E-07	8.53E-08	2.63E-08	1.12E-07	2.02E-08	6.72E-09	2.69E-08	1.57E-08	3.24E-09	1.90E-08
3894	624184.58	4265241.01	1.03E-07	3.53E-08	1.38E-07	8.58E-08	2.64E-08	1.12E-07	2.03E-08	6.76E-09	2.71E-08	1.58E-08	3.26E-09	1.91E-08
3895	624193.7	4265237.39	1.03E-07	3.55E-08	1.39E-07	8.63E-08	2.66E-08	1.13E-07	2.04E-08	6.80E-09	2.72E-08	1.59E-08	3.28E-09	1.92E-08
3896	624202.81	4265233.76	1.04E-07	3.57E-08	1.39E-07	8.67E-08	2.67E-08	1.13E-07	2.05E-08	6.83E-09	2.74E-08	1.60E-08	3.29E-09	1.93E-08
3897	624211.93	4265230.14	1.04E-07	3.58E-08	1.40E-07	8.70E-08	2.68E-08	1.14E-07	2.06E-08	6.86E-09	2.75E-08	1.61E-08	3.30E-09	1.94E-08
3898	624221.04	4265226.51	1.04E-07	3.59E-08	1.40E-07	8.73E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.76E-08	1.61E-08	3.32E-09	1.94E-08
3899	624230.15	4265222.88	1.05E-07	3.60E-08	1.41E-07	8.76E-08	2.70E-08	1.15E-07	2.07E-08	6.91E-09	2.76E-08	1.62E-08	3.33E-09	1.95E-08
3900	624239.27	4265219.26	1.05E-07	3.61E-08	1.41E-07	8.79E-08	2.71E-08	1.15E-07	2.08E-08	6.93E-09	2.77E-08	1.62E-08	3.34E-09	1.96E-08
3901	624248.38	4265215.63	1.05E-07	3.62E-08	1.42E-07	8.81E-08	2.71E-08	1.15E-07	2.09E-08	6.94E-09	2.78E-08	1.63E-08	3.34E-09	1.96E-08
3902	624257.5	4265212	1.06E-07	3.63E-08	1.42E-07	8.83E-08	2.72E-08	1.16E-07	2.09E-08	6.96E-09	2.79E-08	1.63E-08	3.35E-09	1.97E-08
3903	624266.61	4265208.38	1.06E-07	3.65E-08	1.42E-07	8.86E-08	2.73E-08	1.16E-07	2.10E-08	6.99E-09	2.80E-08	1.64E-08	3.36E-09	1.97E-08
3904	624275.72	4265204.75	1.06E-07	3.66E-08	1.43E-07	8.89E-08	2.74E-08	1.16E-07	2.11E-08	7.01E-09	2.81E-08	1.64E-08	3.38E-09	1.98E-08
3905	624284.84	4265201.12	1.07E-07	3.67E-08	1.44E-07	8.93E-08	2.75E-08	1.17E-07	2.11E-08	7.04E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
3906	624293.95	4265197.5	1.07E-07	3.69E-08	1.44E-07	8.96E-08	2.76E-08	1.17E-07	2.12E-08	7.07E-09	2.83E-08	1.65E-08	3.40E-09	2.00E-08
3907	624303.07	4265193.87	1.08E-07	3.71E-08	1.45E-07	9.01E-08	2.77E-08	1.18E-07	2.13E-08	7.10E-09	2.84E-08	1.66E-08	3.42E-09	2.00E-08
3908	624312.18	4265190.25	1.08E-07	3.72E-08	1.46E-07	9.05E-08	2.79E-08	1.18E-07	2.14E-08	7.14E-09	2.86E-08	1.67E-08	3.44E-09	2.01E-08
3909	624321.29	4265186.62	1.09E-07	3.74E-08	1.46E-07	9.10E-08	2.80E-08	1.19E-07	2.16E-08	7.17E-09	2.87E-08	1.68E-08	3.46E-09	2.03E-08
3910	624330.41	4265182.99	1.09E-07	3.76E-08	1.47E-07	9.15E-08	2.82E-08	1.20E-07	2.17E-08	7.21E-09	2.89E-08	1.69E-08	3.47E-09	2.04E-08
3911	624339.52	4265179.37	1.10E-07	3.79E-08	1.48E-07	9.20E-08	2.83E-08	1.20E-07	2.18E-08	7.25E-09	2.90E-08	1.70E-08	3.49E-09	2.05E-08
3912	624348.63	4265175.74	1.11E-07	3.81E-08	1.49E-07	9.25E-08	2.85E-08	1.21E-07	2.19E-08	7.29E-09	2.92E-08	1.71E-08	3.51E-09	2.06E-08
3913	624357.75	4265172.11	1.11E-07	3.83E-08	1.50E-07	9.31E-08	2.87E-08	1.22E-07	2.20E-08	7.34E-09	2.94E-08	1.72E-08	3.53E-09	2.07E-08
3914	623859.98	4265661.21	8.68E-08	2.99E-08	1.17E-07	7.26E-08	2.24E-08	9.49E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
3915	623859.84	4265671.1	8.75E-08	3.01E-08	1.18E-07	7.31E-08	2.25E-08	9.56E-08	1.73E-08	5.76E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
3916	623859.7	4265680.99	8.81E-08	3.03E-08	1.18E-07	7.36E-08	2.27E-08	9.63E-08	1.74E-08	5.80E-09	2.32E-08	1.36E-08	2.80E-09	1.64E-08
3917	623859.55	4265690.88	8.87E-08	3.05E-08	1.19E-07	7.41E-08	2.28E-08	9.70E-08	1.76E-08	5.84E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
3918	623859.41	4265700.78	8.92E-08	3.07E-08	1.20E-07	7.46E-08	2.30E-08	9.75E-08	1.77E-08	5.88E-09	2.35E-08	1.38E-08	2.83E-09	1.66E-08
3919	623859.27	4265710.67	8.97E-08	3.08E-08	1.21E-07	7.50E-08	2.31E-08	9.81E-08	1.78E-08	5.91E-09	2.37E-08	1.38E-08	2.85E-09	1.67E-08
3920	623859.12	4265720.56	9.02E-08	3.10E-08	1.21E-07	7.54E-08	2.32E-08	9.86E-08	1.79E-08	5.94E-09	2.38E-08	1.39E-08	2.86E-09	1.68E-08
3921	623858.98	4265730.45	9.07E-08	3.12E-08	1.22E-07	7.58E-08	2.33E-08	9.91E-08	1.79E-08	5.97E-09	2.39E-08	1.40E-08	2.88E-09	1.69E-08
3922	623858.84	4265740.35	9.11E-08	3.13E-08	1.22E-07	7.62E-08	2.35E-08	9.96E-08	1.80E-08	6.00E-09	2.40E-08	1.41E-08	2.89E-09	1.70E-08
3923	623858.69	4265750.24	9.15E-08	3.15E-08	1.23E-07	7.65E-08	2.36E-08	1.00E-07	1.81E-08	6.03E-09	2.42E-08	1.41E-08	2.91E-09	1.70E-08
3924	623858.55	4265760.13	9.20E-08	3.16E-08	1.24E-07	7.69E-08	2.37E-08	1.01E-07	1.82E-08	6.06E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
3925	623858.41	4265770.02	9.24E-08	3.18E-08	1.24E-07	7.72E-08	2.38E-08	1.01E-07	1.83E-08	6.09E-09	2.44E-08	1.43E-08	2.93E-09	1.72E-08
3926	623858.26	4265779.92	9.29E-08	3.20E-08	1.25E-07	7.77E-08	2.39E-08	1.02E-07	1.84E-08	6.12E-09	2.45E-08	1.43E-08	2.95E-09	1.73E-08
3927	623858.12	4265789.81	9.35E-08	3.21E-08	1.26E-07	7.81E-08	2.41E-08	1.02E-07	1.85E-08	6.16E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08
3928	623857.98	4265799.7	9.41E-08	3.24E-08	1.26E-07	7.87E-08	2.42E-08	1.03E-07	1.86E-08	6.20E-09	2.48E-08	1.45E-08	2.99E-09	1.75E-08
3929	623857.84	4265809.59	9.48E-08	3.26E-08	1.27E-07	7.93E-08	2.44E-08	1.04E-07	1.88E-08	6.25E-09	2.50E-08	1.46E-08	3.01E-09	1.76E-08
3930	623857.69	4265819.49	9.56E-08	3.29E-08	1.28E-07	7.99E-08	2.46E-08	1.04E-07	1.89E-08	6.30E-09	2.52E-08	1.47E-08	3.03E-09	1.78E-08
3931	623857.55	4265829.38	9.64E-08	3.32E-08	1.30E-07	8.06E-08	2.48E-08	1.05E-07	1.91E-08	6.35E-09	2.54E-08	1.49E-08	3.06E-09	1.79E-08
3932	623857.41	4265839.27	9.73E-08	3.35E-08	1.31E-07	8.13E-08	2.51E-08	1.06E-07	1.93E-08	6.41E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
3933	623857.26	4265849.16	9.83E-08	3.38E-08	1.32E-07	8.22E-08	2.53E-08	1.07E-07	1.95E-08	6.48E-09	2.59E-08	1.52E-08	3.12E-09	1.83E-08
3934	623857.12	4265859.06	9.94E-08	3.42E-08	1.34E-07	8.31E-08	2.56E-08	1.09E-07	1.97E-08	6.55E-09	2.62E-08	1.53E-08	3.15E-09	1.85E-08
3935	623856.98	4265868.95	1.00E-07	3.46E-08	1.35E-07	8.40E-08	2.59E-08	1.10E-07	1.99E-08	6.62E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
3936	623856.83	4265878.84	1.02E-07	3.50E-08	1.37E-07	8.50E-08	2.62E-08	1.11E-07	2.01E-08	6.70E-09	2.68E-08	1.57E-08	3.23E-09	1.89E-08
3937	623856.69	4265888.73	1.03E-07	3.54E-08	1.38E-07	8.60E-08	2.65E-08	1.12E-07	2.04E-08	6.78E-09	2.71E-08	1.59E-08	3.26E-09	1.91E-08
3938	623856.55	4265898.63	1.04E-07	3.58E-08	1.40E-07	8.70E-08	2.68E-08	1.14E-07	2.06E-08	6.86E-09	2.75E-08	1.61E-08	3.30E-09	1.94E-08
3939	623856.4	4265908.52	1.05E-07	3.62E-08	1.41E-07	8.80E-08	2.71E-08	1.15E-07	2.08E-08	6.94E-09	2.78E-08	1.62E-08	3.34E-09	1.96E-08
3940	623856.26	4265918.41	1.06E-07	3.66E-08	1.43E-07	8.90E-08	2.74E-08	1.16E-07	2.11E-08	7.02E-09	2.81E-08	1.64E-08	3.38E-09	1.98E-08
3941	623856.12	4265928.3	1.08E-07	3.70E-08	1.45E-07	9.00E-08	2.77E-08	1.18E-07	2.13E-08	7.09E-09	2.84E-08	1.66E-08	3.42E-09	2.00E-08
3942	623855.97	4265938.2	1.09E-07	3.74E-08	1.46E-07	9.09E-08	2.80E-08	1.19E-07	2.15E-08	7.17E-09	2.87E-08	1.68E-08	3.45E-09	2.02E-08
3943	623855.83	4265948.09	1.10E-07	3.78E-08	1.48E-07	9.19E-08	2.83E-08	1.20E-07	2.18E-08	7.24E-09	2.90E-08	1.70E-08	3.49E-09	2.04E-08
3944	623855.69	4265957.98	1.11E-07	3.81E-08	1.49E-07	9.27E-08	2.86E-08	1.21E-07	2.20E-08	7.31E-09	2.93E-08	1.71E-08	3.52E-09	2.06E-08
3945	623855.55	4265967.87	1.12E-07	3.85E-08	1.50E-07	9.35E-08	2.88E-08	1.22E-07	2.22E-08	7.37E-09	2.95E-08	1.73E-08	3.55E-09	2.08E-08
3946	623855.4	4265977.77	1.13E-07	3.88E-08	1.52E-07	9.43E-08	2.90E-08	1.23E-07	2.23E-08	7.43E-09	2.98E-08	1.74E-08	3.58E-09	2.10E-08
3947	623855.26	4265987.66	1.14E-07	3.91E-08	1.53E-07	9.50E-08	2.93E-08	1.24E-07	2.25E-08	7.49E-09	3.00E-08	1.75E-08	3.61E-09	2.11E-08
3948	623855.12	4265997.55	1.14E-07	3.93E-08	1.54E-07	9.56E-08	2.95E-08	1.25E-07	2.26E-08	7.54E-09	3.02E-08	1.77E-08	3.63E-09	2.13E-08
3949	623854.97	4266007.44	1.15E-07	3.96E-08	1.55E-07	9.62E-08	2.96E-08	1.26E-07	2.28E-08	7.58E-09	3.04E-08	1.78E-08	3.65E-09	2.14E-08
3950	623854.83	4266017.34	1.16E-07	3.98E-08	1.55E-07	9.67E-08	2.98E-08	1.27E-07	2.29E-08	7.62E-09	3.05E-08	1.79E-08	3.67E-09	2.15E-08
3951	623854.69	4266027.23	1.16E-07	4.00E-08	1.56E-07	9.72E-08	2.99E-08	1.27E-07	2.30E-08	7.66E-09	3.07E-08	1.79E-08	3.69E-09	2.16E-08
3952	623854.54	4266037.12	1.17E-07	4.01E-08	1.57E-07	9.75E-08	3.00E-08	1.28E-07	2.31E-08	7.69E-09	3.08E-08	1.80E-08	3.70E-09	2.17E-08
3953	623854.4	4266047.01	1.17E-07	4.03E-08	1.57E-07	9.79E-08	3.01E-08	1.28E-07	2.32E-08	7.71E-09	3.09E-08	1.81E-08	3.72E-09	2.18E-08
3954	623854.26	4266056.91	1.17E-07	4.04E-08	1.58E-07	9.81E-08	3.02E-08	1.28E-07	2.32E-08	7.73E-09	3.10E-08	1.81E-08	3.72E-09	2.18E-08
3955	623854.11	4266066.8	1.18E-07	4.04E-08	1.58E-07	9.83E-08	3.03E-08	1.29E-07	2.33E-08	7.75E-09	3.10E-08	1.81E-08	3.73E-09	2.19E-08
3956	623813.86	4265651.5	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.60E-08	1.56E-08	5.19E-09	2.08E-08	1.21E-08	2.50E-09	1.46E-08

3957	623817.74	4265642.51	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.61E-08	1.56E-08	5.19E-09	2.08E-08	1.21E-08	2.50E-09	1.46E-08
3958	623821.61	4265633.52	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.61E-08	1.56E-08	5.19E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
3959	623825.48	4265624.54	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.61E-08	1.56E-08	5.19E-09	2.08E-08	1.21E-08	2.50E-09	1.46E-08
3960	623829.36	4265615.55	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.60E-08	1.56E-08	5.19E-09	2.08E-08	1.21E-08	2.50E-09	1.46E-08
3961	623833.23	4265606.56	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.60E-08	1.56E-08	5.18E-09	2.08E-08	1.21E-08	2.50E-09	1.46E-08
3962	623837.11	4265597.58	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.60E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.50E-09	1.46E-08
3963	623840.98	4265588.59	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.59E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
3964	623844.85	4265579.6	7.85E-08	2.70E-08	1.06E-07	6.56E-08	2.02E-08	8.59E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
3965	623848.73	4265570.62	7.85E-08	2.70E-08	1.05E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
3966	623852.6	4265561.63	7.85E-08	2.70E-08	1.05E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
3967	623856.48	4265552.64	7.85E-08	2.70E-08	1.05E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
3968	623860.35	4265543.66	7.85E-08	2.70E-08	1.05E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
3969	623864.22	4265534.67	7.85E-08	2.70E-08	1.06E-07	6.56E-08	2.02E-08	8.59E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
3970	623868.1	4265525.68	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.59E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
3971	623871.97	4265516.7	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.60E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.50E-09	1.46E-08
3972	623875.85	4265507.71	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.60E-08	1.56E-08	5.18E-09	2.08E-08	1.21E-08	2.50E-09	1.46E-08
3973	623879.72	4265498.73	7.88E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.61E-08	1.56E-08	5.19E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
3974	623883.59	4265489.74	7.88E-08	2.71E-08	1.06E-07	6.59E-08	2.03E-08	8.62E-08	1.56E-08	5.19E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
3975	623887.47	4265480.75	7.89E-08	2.71E-08	1.06E-07	6.60E-08	2.03E-08	8.63E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
3976	623891.34	4265471.77	7.90E-08	2.72E-08	1.06E-07	6.60E-08	2.03E-08	8.63E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
3977	623895.22	4265462.78	7.90E-08	2.72E-08	1.06E-07	6.61E-08	2.03E-08	8.64E-08	1.56E-08	5.21E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
3978	623899.09	4265453.79	7.91E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.64E-08	1.56E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
3979	623902.96	4265444.81	7.91E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.64E-08	1.57E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
3980	623906.84	4265435.82	7.91E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.64E-08	1.57E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
3981	623910.71	4265426.83	7.90E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.64E-08	1.56E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
3982	623914.59	4265417.85	7.90E-08	2.72E-08	1.06E-07	6.60E-08	2.03E-08	8.64E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
3983	623918.46	4265408.86	7.89E-08	2.71E-08	1.06E-07	6.59E-08	2.03E-08	8.63E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
3984	623922.33	4265399.87	7.88E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.61E-08	1.56E-08	5.19E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
3985	623926.21	4265390.89	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.60E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.50E-09	1.46E-08
3986	623930.08	4265381.9	7.85E-08	2.70E-08	1.05E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
3987	623933.96	4265372.91	7.83E-08	2.69E-08	1.05E-07	6.54E-08	2.02E-08	8.56E-08	1.55E-08	5.16E-09	2.06E-08	1.21E-08	2.48E-09	1.46E-08
3988	623937.83	4265363.93	7.80E-08	2.68E-08	1.05E-07	6.52E-08	2.01E-08	8.53E-08	1.54E-08	5.14E-09	2.06E-08	1.20E-08	2.48E-09	1.45E-08
3989	623941.7	4265354.94	7.78E-08	2.67E-08	1.05E-07	6.50E-08	2.00E-08	8.50E-08	1.54E-08	5.13E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
3990	623945.58	4265345.95	7.75E-08	2.67E-08	1.04E-07	6.48E-08	2.00E-08	8.48E-08	1.53E-08	5.11E-09	2.05E-08	1.20E-08	2.46E-09	1.44E-08
3991	623949.45	4265336.97	7.73E-08	2.66E-08	1.04E-07	6.46E-08	1.99E-08	8.45E-08	1.53E-08	5.09E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
3992	623953.33	4265327.98	7.70E-08	2.65E-08	1.04E-07	6.44E-08	1.98E-08	8.42E-08	1.52E-08	5.07E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
3993	623957.2	4265318.99	7.68E-08	2.64E-08	1.03E-07	6.42E-08	1.98E-08	8.39E-08	1.52E-08	5.06E-09	2.02E-08	1.18E-08	2.44E-09	1.43E-08
3994	623961.07	4265310.01	7.65E-08	2.63E-08	1.03E-07	6.39E-08	1.97E-08	8.36E-08	1.51E-08	5.04E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
3995	623964.95	4265301.02	7.63E-08	2.62E-08	1.02E-07	6.37E-08	1.96E-08	8.34E-08	1.51E-08	5.02E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
3996	623968.82	4265292.03	7.60E-08	2.61E-08	1.02E-07	6.35E-08	1.96E-08	8.31E-08	1.50E-08	5.01E-09	2.01E-08	1.17E-08	2.41E-09	1.41E-08
3997	623972.7	4265283.05	7.58E-08	2.61E-08	1.02E-07	6.34E-08	1.95E-08	8.29E-08	1.50E-08	4.99E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
3998	623985.66	4265270.44	7.65E-08	2.63E-08	1.03E-07	6.39E-08	1.97E-08	8.36E-08	1.51E-08	5.04E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
3999	623994.75	4265266.83	7.74E-08	2.66E-08	1.04E-07	6.47E-08	1.99E-08	8.46E-08	1.53E-08	5.10E-09	2.04E-08	1.19E-08	2.46E-09	1.44E-08
4000	624003.85	4265263.21	7.83E-08	2.69E-08	1.05E-07	6.55E-08	2.02E-08	8.56E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
4001	624012.94	4265259.59	7.93E-08	2.73E-08	1.07E-07	6.63E-08	2.04E-08	8.67E-08	1.57E-08	5.22E-09	2.09E-08	1.22E-08	2.52E-09	1.48E-08
4002	624022.03	4265255.97	8.03E-08	2.76E-08	1.08E-07	6.71E-08	2.07E-08	8.78E-08	1.59E-08	5.29E-09	2.12E-08	1.24E-08	2.55E-09	1.49E-08
4003	624031.13	4265252.35	8.13E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.89E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
4004	624040.22	4265248.74	8.23E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	9.00E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
4005	624049.31	4265245.12	8.33E-08	2.86E-08	1.12E-07	6.96E-08	2.14E-08	9.11E-08	1.65E-08	5.49E-09	2.20E-08	1.29E-08	2.64E-09	1.55E-08
4006	624058.4	4265241.5	8.43E-08	2.90E-08	1.13E-07	7.05E-08	2.17E-08	9.22E-08	1.67E-08	5.56E-09	2.22E-08	1.30E-08	2.68E-09	1.57E-08
4007	624067.5	4265237.88	8.53E-08	2.93E-08	1.15E-07	7.13E-08	2.20E-08	9.33E-08	1.69E-08	5.62E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08
4008	624076.59	4265234.26	8.63E-08	2.97E-08	1.16E-07	7.22E-08	2.22E-08	9.44E-08	1.71E-08	5.69E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
4009	624085.68	4265230.65	8.73E-08	3.00E-08	1.17E-07	7.30E-08	2.25E-08	9.55E-08	1.73E-08	5.75E-09	2.30E-08	1.35E-08	2.77E-09	1.62E-08
4010	624094.77	4265227.03	8.83E-08	3.04E-08	1.19E-07	7.38E-08	2.27E-08	9.66E-08	1.75E-08	5.82E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
4011	624103.87	4265223.41	8.93E-08	3.07E-08	1.20E-07	7.46E-08	2.30E-08	9.76E-08	1.77E-08	5.88E-09	2.35E-08	1.38E-08	2.83E-09	1.66E-08
4012	624112.96	4265219.79	9.02E-08	3.10E-08	1.21E-07	7.54E-08	2.32E-08	9.86E-08	1.78E-08	5.94E-09	2.38E-08	1.39E-08	2.86E-09	1.68E-08
4013	624122.05	4265216.18	9.10E-08	3.13E-08	1.22E-07	7.61E-08	2.34E-08	9.95E-08	1.80E-08	6.00E-09	2.40E-08	1.40E-08	2.89E-09	1.69E-08
4014	624131.15	4265212.56	9.18E-08	3.16E-08	1.23E-07	7.67E-08	2.36E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
4015	624140.24	4265208.94	9.26E-08	3.18E-08	1.24E-07	7.74E-08	2.38E-08	1.01E-07	1.83E-08	6.10E-09	2.44E-08	1.43E-08	2.94E-09	1.72E-08
4016	624149.33	4265205.32	9.32E-08	3.21E-08	1.25E-07	7.79E-08	2.40E-08	1.02E-07	1.85E-08	6.14E-09	2.46E-08	1.44E-08	2.96E-09	1.73E-08
4017	624158.42	4265201.7	9.38E-08	3.23E-08	1.26E-07	7.84E-08	2.42E-08	1.03E-07	1.86E-08	6.18E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
4018	624167.52	4265198.09	9.44E-08	3.24E-08	1.27E-07	7.89E-08	2.43E-08	1.03E-07	1.87E-08	6.22E-09	2.49E-08	1.46E-08	2.99E-09	1.76E-08
4019	624176.61	4265194.47	9.48E-08	3.26E-08	1.27E-07	7.93E-08	2.44E-08	1.04E-07	1.88E-08	6.25E-09	2.50E-08	1.46E-08	3.01E-09	1.76E-08
4020	624185.7	4265190.85	9.52E-08	3.27E-08	1.28E-07	7.96E-08	2.45E-08	1.04E-07	1.88E-08	6.27E-09	2.51E-08	1.47E-08	3.02E-09	1.77E-08
4021	624194.79	4265187.23	9.55E-08	3.29E-08	1.28E-07	7.99E-08	2.46E-08	1.04E-07	1.89E-08	6.30E-09	2.52E-08	1.47E-08	3.03E-09	1.78E-08
4022	624203.89	4265183.61	9.58E-08	3.29E-08	1.29E-07	8.01E-08	2.47E-08	1.05E-07	1.90E-08	6.31E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
4023	624212.98	4265180	9.60E-08	3.30E-08	1.29E-07	8.03E-08	2.47E-08	1.05E-07	1.90E-08	6.33E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
4024	624222.07	4265176.38	9.62E-08	3.31E-08	1.29E-07	8.04E-08	2.48E-08	1.05E-07	1.90E-08	6.34E-09	2.54E-08	1.48E-08	3.05E-09	1.79E-08
4025	624231.17	4265172.76	9.64E-08	3.32E-08	1.30E-07	8.06E-08	2.48E-08	1.05E-07	1.91E-08	6.35E-09	2.54E-08	1.49E-08	3.06E-09	1.79E-08
4026	624240.26	4265169.14	9.66E-08	3.32E-08	1.30E-07	8.07E-08	2.49E-08	1.06E-07	1.91E-08	6.36E-09	2.55E-08	1.49E-08	3.06E-09	1.80E-08
4027	624249.35	4265165.53	9.68E-08	3.33E-08	1.30E-07	8.09E-08	2.49E-08	1.06E-07	1.92E-08	6.37E-09	2.55E-08	1.49E-08	3.07E-09	1.80E-08
4028	624258.44	4265161.91	9.70E-08	3.33E-08	1.30E-07	8.10E-08	2.50E-08	1.06E-07	1.92E-08	6.39E-09	2.56E-08	1.50E-08	3.08E-09	1.80E-08

4029	624267.54	4265158.29	9.72E-08	3.34E-08	1.31E-07	8.12E-08	2.50E-08	1.06E-07	1.92E-08	6.40E-09	2.56E-08	1.50E-08	3.08E-09	1.81E-08
4030	624276.63	4265154.67	9.75E-08	3.35E-08	1.31E-07	8.15E-08	2.51E-08	1.07E-07	1.93E-08	6.42E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
4031	624285.72	4265151.05	9.78E-08	3.36E-08	1.31E-07	8.17E-08	2.52E-08	1.07E-07	1.94E-08	6.44E-09	2.58E-08	1.51E-08	3.10E-09	1.82E-08
4032	624294.81	4265147.44	9.82E-08	3.38E-08	1.32E-07	8.20E-08	2.53E-08	1.07E-07	1.94E-08	6.47E-09	2.59E-08	1.51E-08	3.12E-09	1.83E-08
4033	624303.91	4265143.82	9.86E-08	3.39E-08	1.32E-07	8.24E-08	2.54E-08	1.08E-07	1.95E-08	6.49E-09	2.60E-08	1.52E-08	3.13E-09	1.83E-08
4034	624313	4265140.2	9.90E-08	3.40E-08	1.33E-07	8.27E-08	2.55E-08	1.08E-07	1.96E-08	6.52E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
4035	624322.09	4265136.58	9.94E-08	3.42E-08	1.34E-07	8.31E-08	2.56E-08	1.09E-07	1.97E-08	6.55E-09	2.62E-08	1.53E-08	3.16E-09	1.85E-08
4036	624331.19	4265132.96	1.00E-07	3.44E-08	1.34E-07	8.35E-08	2.57E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.17E-09	1.86E-08
4037	624340.28	4265129.35	1.00E-07	3.46E-08	1.35E-07	8.40E-08	2.59E-08	1.10E-07	1.99E-08	6.62E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
4038	624349.37	4265125.73	1.01E-07	3.47E-08	1.36E-07	8.44E-08	2.60E-08	1.10E-07	2.00E-08	6.66E-09	2.67E-08	1.56E-08	3.21E-09	1.88E-08
4039	624358.46	4265122.11	1.02E-07	3.49E-08	1.36E-07	8.49E-08	2.61E-08	1.11E-07	2.01E-08	6.69E-09	2.68E-08	1.57E-08	3.22E-09	1.89E-08
4040	623809.99	4265660.48	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.60E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.50E-09	1.46E-08
4041	623809.84	4265670.38	7.92E-08	2.72E-08	1.06E-07	6.62E-08	2.04E-08	8.65E-08	1.57E-08	5.22E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
4042	623809.7	4265680.27	7.96E-08	2.74E-08	1.07E-07	6.66E-08	2.05E-08	8.71E-08	1.58E-08	5.25E-09	2.10E-08	1.23E-08	2.53E-09	1.48E-08
4043	623809.56	4265690.16	8.01E-08	2.75E-08	1.08E-07	6.69E-08	2.06E-08	8.76E-08	1.59E-08	5.28E-09	2.11E-08	1.24E-08	2.54E-09	1.49E-08
4044	623809.42	4265700.05	8.05E-08	2.77E-08	1.08E-07	6.73E-08	2.07E-08	8.80E-08	1.59E-08	5.30E-09	2.12E-08	1.24E-08	2.55E-09	1.50E-08
4045	623809.27	4265709.95	8.09E-08	2.78E-08	1.09E-07	6.76E-08	2.08E-08	8.84E-08	1.60E-08	5.33E-09	2.13E-08	1.25E-08	2.57E-09	1.50E-08
4046	623809.13	4265719.84	8.12E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.88E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
4047	623808.99	4265729.73	8.16E-08	2.81E-08	1.10E-07	6.82E-08	2.10E-08	8.92E-08	1.61E-08	5.38E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
4048	623808.84	4265739.62	8.19E-08	2.82E-08	1.10E-07	6.85E-08	2.11E-08	8.96E-08	1.62E-08	5.40E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
4049	623808.7	4265749.52	8.22E-08	2.83E-08	1.11E-07	6.87E-08	2.12E-08	8.99E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
4050	623808.56	4265759.41	8.26E-08	2.84E-08	1.11E-07	6.90E-08	2.13E-08	9.03E-08	1.63E-08	5.44E-09	2.18E-08	1.27E-08	2.62E-09	1.54E-08
4051	623808.41	4265769.3	8.29E-08	2.85E-08	1.11E-07	6.93E-08	2.13E-08	9.06E-08	1.64E-08	5.46E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
4052	623808.27	4265779.19	8.33E-08	2.86E-08	1.12E-07	6.96E-08	2.14E-08	9.11E-08	1.65E-08	5.49E-09	2.20E-08	1.29E-08	2.64E-09	1.55E-08
4053	623808.13	4265789.09	8.37E-08	2.88E-08	1.13E-07	7.00E-08	2.16E-08	9.15E-08	1.66E-08	5.52E-09	2.21E-08	1.29E-08	2.66E-09	1.56E-08
4054	623807.98	4265798.98	8.42E-08	2.90E-08	1.13E-07	7.04E-08	2.17E-08	9.21E-08	1.67E-08	5.55E-09	2.22E-08	1.30E-08	2.67E-09	1.57E-08
4055	623807.84	4265808.87	8.47E-08	2.91E-08	1.14E-07	7.08E-08	2.18E-08	9.26E-08	1.68E-08	5.58E-09	2.24E-08	1.31E-08	2.69E-09	1.58E-08
4056	623807.7	4265818.76	8.54E-08	2.94E-08	1.15E-07	7.13E-08	2.20E-08	9.33E-08	1.69E-08	5.62E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08
4057	623807.55	4265828.66	8.60E-08	2.96E-08	1.16E-07	7.19E-08	2.22E-08	9.41E-08	1.70E-08	5.67E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
4058	623807.41	4265838.55	8.68E-08	2.99E-08	1.17E-07	7.26E-08	2.24E-08	9.49E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
4059	623807.27	4265848.44	8.77E-08	3.02E-08	1.18E-07	7.33E-08	2.26E-08	9.59E-08	1.74E-08	5.78E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
4060	623807.13	4265858.33	8.86E-08	3.05E-08	1.19E-07	7.41E-08	2.28E-08	9.69E-08	1.75E-08	5.84E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
4061	623806.98	4265868.23	8.96E-08	3.08E-08	1.20E-07	7.49E-08	2.31E-08	9.80E-08	1.77E-08	5.91E-09	2.36E-08	1.38E-08	2.84E-09	1.67E-08
4062	623806.84	4265878.12	9.06E-08	3.12E-08	1.22E-07	7.58E-08	2.33E-08	9.91E-08	1.79E-08	5.97E-09	2.39E-08	1.40E-08	2.88E-09	1.69E-08
4063	623806.7	4265888.01	9.17E-08	3.15E-08	1.23E-07	7.66E-08	2.36E-08	1.00E-07	1.82E-08	6.04E-09	2.42E-08	1.41E-08	2.91E-09	1.71E-08
4064	623806.55	4265897.9	9.28E-08	3.19E-08	1.25E-07	7.75E-08	2.39E-08	1.01E-07	1.84E-08	6.11E-09	2.45E-08	1.43E-08	2.94E-09	1.73E-08
4065	623806.41	4265907.8	9.39E-08	3.23E-08	1.26E-07	7.85E-08	2.42E-08	1.03E-07	1.86E-08	6.18E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
4066	623806.27	4265917.69	9.50E-08	3.27E-08	1.28E-07	7.94E-08	2.45E-08	1.04E-07	1.88E-08	6.26E-09	2.51E-08	1.47E-08	3.01E-09	1.77E-08
4067	623806.12	4265927.58	9.61E-08	3.30E-08	1.29E-07	8.03E-08	2.47E-08	1.05E-07	1.90E-08	6.33E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
4068	623805.98	4265937.47	9.71E-08	3.34E-08	1.30E-07	8.12E-08	2.50E-08	1.06E-07	1.92E-08	6.40E-09	2.56E-08	1.50E-08	3.08E-09	1.81E-08
4069	623805.84	4265947.37	9.81E-08	3.37E-08	1.32E-07	8.20E-08	2.53E-08	1.07E-07	1.94E-08	6.46E-09	2.59E-08	1.51E-08	3.11E-09	1.83E-08
4070	623805.69	4265957.26	9.91E-08	3.41E-08	1.33E-07	8.28E-08	2.55E-08	1.08E-07	1.96E-08	6.53E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
4071	623763.86	4265650.79	7.16E-08	2.46E-08	9.63E-08	5.99E-08	1.84E-08	7.83E-08	1.42E-08	4.72E-09	1.89E-08	1.11E-08	2.27E-09	1.33E-08
4072	623767.73	4265641.82	7.17E-08	2.47E-08	9.64E-08	5.99E-08	1.85E-08	7.84E-08	1.42E-08	4.72E-09	1.89E-08	1.11E-08	2.28E-09	1.33E-08
4073	623771.59	4265632.85	7.18E-08	2.47E-08	9.64E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.33E-08
4074	623775.46	4265623.88	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
4075	623779.33	4265614.91	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
4076	623783.19	4265605.94	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
4077	623787.06	4265596.98	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
4078	623790.92	4265588.01	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
4079	623794.79	4265579.04	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
4080	623798.66	4265570.07	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
4081	623802.52	4265561.1	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
4082	623806.39	4265552.13	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
4083	623810.26	4265543.16	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
4084	623814.12	4265534.19	7.19E-08	2.47E-08	9.66E-08	6.01E-08	1.85E-08	7.86E-08	1.42E-08	4.74E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
4085	623817.99	4265525.22	7.19E-08	2.47E-08	9.67E-08	6.01E-08	1.85E-08	7.86E-08	1.42E-08	4.74E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
4086	623821.86	4265516.25	7.20E-08	2.48E-08	9.67E-08	6.02E-08	1.85E-08	7.87E-08	1.42E-08	4.74E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
4087	623825.72	4265507.28	7.21E-08	2.48E-08	9.68E-08	6.02E-08	1.86E-08	7.88E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
4088	623829.59	4265498.31	7.21E-08	2.48E-08	9.69E-08	6.03E-08	1.86E-08	7.89E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
4089	623833.46	4265489.35	7.22E-08	2.48E-08	9.71E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.11E-08	2.29E-09	1.34E-08
4090	623837.32	4265480.38	7.23E-08	2.49E-08	9.72E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.12E-08	2.29E-09	1.35E-08
4091	623841.19	4265471.41	7.24E-08	2.49E-08	9.73E-08	6.05E-08	1.86E-08	7.91E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
4092	623845.06	4265462.44	7.25E-08	2.49E-08	9.74E-08	6.06E-08	1.87E-08	7.92E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
4093	623848.92	4265453.47	7.25E-08	2.49E-08	9.75E-08	6.06E-08	1.87E-08	7.93E-08	1.44E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
4094	623852.79	4265444.5	7.26E-08	2.50E-08	9.75E-08	6.07E-08	1.87E-08	7.93E-08	1.44E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
4095	623856.66	4265435.53	7.26E-08	2.50E-08	9.76E-08	6.07E-08	1.87E-08	7.94E-08	1.44E-08	4.78E-09	1.92E-08	1.12E-08	2.30E-09	1.35E-08
4096	623860.52	4265426.56	7.26E-08	2.50E-08	9.76E-08	6.07E-08	1.87E-08	7.94E-08	1.44E-08	4.78E-09	1.92E-08	1.12E-08	2.30E-09	1.35E-08
4097	623864.39	4265417.59	7.26E-08	2.50E-08	9.75E-08	6.07E-08	1.87E-08	7.94E-08	1.44E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
4098	623868.25	4265408.62	7.25E-08	2.49E-08	9.75E-08	6.06E-08	1.87E-08	7.93E-08	1.44E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
4099	623872.12	4265399.65	7.25E-08	2.49E-08	9.74E-08	6.06E-08	1.87E-08	7.92E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
4100	623875.99	4265390.68	7.24E-08	2.49E-08	9.72E-08	6.05E-08	1.86E-08	7.91E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08

4101	623879.85	4265381.72	7.22E-08	2.48E-08	9.71E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.11E-08	2.29E-09	1.34E-08
4102	623883.72	4265372.75	7.21E-08	2.48E-08	9.69E-08	6.02E-08	1.86E-08	7.88E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
4103	623887.59	4265363.78	7.19E-08	2.47E-08	9.66E-08	6.01E-08	1.85E-08	7.86E-08	1.42E-08	4.74E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
4104	623891.45	4265354.81	7.17E-08	2.47E-08	9.63E-08	5.99E-08	1.85E-08	7.84E-08	1.42E-08	4.72E-09	1.89E-08	1.11E-08	2.28E-09	1.33E-08
4105	623895.32	4265345.84	7.15E-08	2.46E-08	9.60E-08	5.97E-08	1.84E-08	7.81E-08	1.41E-08	4.71E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
4106	623899.19	4265336.87	7.12E-08	2.45E-08	9.57E-08	5.95E-08	1.83E-08	7.79E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
4107	623903.05	4265327.9	7.10E-08	2.44E-08	9.54E-08	5.93E-08	1.83E-08	7.76E-08	1.41E-08	4.68E-09	1.87E-08	1.10E-08	2.25E-09	1.32E-08
4108	623906.92	4265318.93	7.08E-08	2.43E-08	9.51E-08	5.91E-08	1.82E-08	7.74E-08	1.40E-08	4.66E-09	1.87E-08	1.09E-08	2.25E-09	1.32E-08
4109	623910.79	4265309.96	7.05E-08	2.43E-08	9.48E-08	5.90E-08	1.82E-08	7.71E-08	1.40E-08	4.65E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
4110	623914.65	4265300.99	7.03E-08	2.42E-08	9.45E-08	5.88E-08	1.81E-08	7.69E-08	1.39E-08	4.63E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
4111	623918.52	4265292.02	7.01E-08	2.41E-08	9.42E-08	5.86E-08	1.80E-08	7.66E-08	1.39E-08	4.62E-09	1.85E-08	1.08E-08	2.22E-09	1.30E-08
4112	623922.39	4265283.05	6.99E-08	2.40E-08	9.39E-08	5.84E-08	1.80E-08	7.64E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.22E-09	1.30E-08
4113	623926.25	4265274.09	6.96E-08	2.39E-08	9.36E-08	5.82E-08	1.79E-08	7.61E-08	1.38E-08	4.59E-09	1.84E-08	1.07E-08	2.21E-09	1.30E-08
4114	623930.12	4265265.12	6.94E-08	2.39E-08	9.33E-08	5.80E-08	1.79E-08	7.59E-08	1.37E-08	4.58E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
4115	623933.99	4265256.15	6.92E-08	2.38E-08	9.31E-08	5.79E-08	1.78E-08	7.57E-08	1.37E-08	4.56E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
4116	623937.85	4265247.18	6.91E-08	2.37E-08	9.28E-08	5.77E-08	1.78E-08	7.55E-08	1.37E-08	4.55E-09	1.82E-08	1.07E-08	2.19E-09	1.28E-08
4117	623950.79	4265234.6	6.97E-08	2.40E-08	9.36E-08	5.82E-08	1.79E-08	7.62E-08	1.38E-08	4.59E-09	1.84E-08	1.07E-08	2.21E-09	1.30E-08
4118	623959.87	4265230.99	7.04E-08	2.42E-08	9.47E-08	5.89E-08	1.81E-08	7.70E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
4119	623968.94	4265227.38	7.13E-08	2.45E-08	9.58E-08	5.96E-08	1.83E-08	7.79E-08	1.41E-08	4.70E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
4120	623978.02	4265223.76	7.21E-08	2.48E-08	9.69E-08	6.03E-08	1.86E-08	7.88E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
4121	623987.09	4265220.15	7.30E-08	2.51E-08	9.81E-08	6.10E-08	1.88E-08	7.98E-08	1.44E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
4122	623996.17	4265216.54	7.39E-08	2.54E-08	9.93E-08	6.17E-08	1.90E-08	8.07E-08	1.46E-08	4.87E-09	1.95E-08	1.14E-08	2.34E-09	1.37E-08
4123	624005.24	4265212.93	7.47E-08	2.57E-08	1.00E-07	6.25E-08	1.92E-08	8.17E-08	1.48E-08	4.92E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
4124	624014.32	4265209.32	7.57E-08	2.60E-08	1.02E-07	6.32E-08	1.95E-08	8.27E-08	1.50E-08	4.98E-09	2.00E-08	1.17E-08	2.40E-09	1.41E-08
4125	624023.39	4265205.71	7.66E-08	2.63E-08	1.03E-07	6.40E-08	1.97E-08	8.37E-08	1.52E-08	5.04E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
4126	624032.47	4265202.1	7.75E-08	2.66E-08	1.04E-07	6.48E-08	1.99E-08	8.47E-08	1.53E-08	5.11E-09	2.04E-08	1.20E-08	2.46E-09	1.44E-08
4127	624041.54	4265198.49	7.84E-08	2.70E-08	1.05E-07	6.55E-08	2.02E-08	8.57E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
4128	624050.62	4265194.88	7.93E-08	2.73E-08	1.07E-07	6.63E-08	2.04E-08	8.67E-08	1.57E-08	5.23E-09	2.09E-08	1.22E-08	2.52E-09	1.48E-08
4129	624059.7	4265191.27	8.02E-08	2.76E-08	1.08E-07	6.70E-08	2.06E-08	8.77E-08	1.59E-08	5.28E-09	2.12E-08	1.24E-08	2.55E-09	1.49E-08
4130	624068.77	4265187.66	8.11E-08	2.79E-08	1.09E-07	6.78E-08	2.09E-08	8.86E-08	1.60E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
4131	624077.85	4265184.05	8.19E-08	2.82E-08	1.10E-07	6.85E-08	2.11E-08	8.96E-08	1.62E-08	5.40E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
4132	624086.92	4265180.43	8.27E-08	2.84E-08	1.11E-07	6.91E-08	2.13E-08	9.04E-08	1.64E-08	5.45E-09	2.18E-08	1.28E-08	2.63E-09	1.54E-08
4133	624096	4265176.82	8.35E-08	2.87E-08	1.12E-07	6.98E-08	2.15E-08	9.13E-08	1.65E-08	5.50E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
4134	624105.07	4265173.21	8.42E-08	2.90E-08	1.13E-07	7.04E-08	2.17E-08	9.21E-08	1.67E-08	5.55E-09	2.22E-08	1.30E-08	2.67E-09	1.57E-08
4135	624114.15	4265169.6	8.49E-08	2.92E-08	1.14E-07	7.10E-08	2.19E-08	9.28E-08	1.68E-08	5.59E-09	2.24E-08	1.31E-08	2.69E-09	1.58E-08
4136	624123.22	4265165.99	8.56E-08	2.94E-08	1.15E-07	7.15E-08	2.20E-08	9.36E-08	1.69E-08	5.64E-09	2.26E-08	1.32E-08	2.72E-09	1.59E-08
4137	624132.3	4265162.38	8.62E-08	2.96E-08	1.16E-07	7.21E-08	2.22E-08	9.42E-08	1.71E-08	5.68E-09	2.27E-08	1.33E-08	2.74E-09	1.60E-08
4138	624141.37	4265158.77	8.68E-08	2.98E-08	1.17E-07	7.25E-08	2.23E-08	9.49E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
4139	624150.45	4265155.16	8.72E-08	3.00E-08	1.17E-07	7.29E-08	2.25E-08	9.54E-08	1.73E-08	5.75E-09	2.30E-08	1.35E-08	2.77E-09	1.62E-08
4140	624159.52	4265151.55	8.76E-08	3.01E-08	1.18E-07	7.32E-08	2.26E-08	9.58E-08	1.73E-08	5.77E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
4141	624168.6	4265147.94	8.79E-08	3.02E-08	1.18E-07	7.35E-08	2.26E-08	9.61E-08	1.74E-08	5.79E-09	2.32E-08	1.36E-08	2.79E-09	1.64E-08
4142	624177.67	4265144.33	8.82E-08	3.03E-08	1.18E-07	7.37E-08	2.27E-08	9.64E-08	1.75E-08	5.81E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
4143	624186.75	4265140.72	8.84E-08	3.04E-08	1.19E-07	7.39E-08	2.28E-08	9.66E-08	1.75E-08	5.82E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
4144	624195.82	4265137.1	8.85E-08	3.04E-08	1.19E-07	7.40E-08	2.28E-08	9.68E-08	1.75E-08	5.83E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
4145	624204.9	4265133.49	8.86E-08	3.05E-08	1.19E-07	7.41E-08	2.28E-08	9.69E-08	1.75E-08	5.84E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
4146	624213.97	4265129.88	8.87E-08	3.05E-08	1.19E-07	7.42E-08	2.28E-08	9.70E-08	1.76E-08	5.85E-09	2.34E-08	1.37E-08	2.82E-09	1.65E-08
4147	624223.05	4265126.27	8.88E-08	3.05E-08	1.19E-07	7.42E-08	2.29E-08	9.71E-08	1.76E-08	5.85E-09	2.34E-08	1.37E-08	2.82E-09	1.65E-08
4148	624232.12	4265122.66	8.89E-08	3.06E-08	1.19E-07	7.43E-08	2.29E-08	9.71E-08	1.76E-08	5.85E-09	2.34E-08	1.37E-08	2.82E-09	1.65E-08
4149	624241.2	4265119.05	8.89E-08	3.06E-08	1.20E-07	7.43E-08	2.29E-08	9.72E-08	1.76E-08	5.86E-09	2.35E-08	1.37E-08	2.82E-09	1.65E-08
4150	624250.27	4265115.44	8.91E-08	3.06E-08	1.20E-07	7.44E-08	2.29E-08	9.74E-08	1.76E-08	5.87E-09	2.35E-08	1.37E-08	2.83E-09	1.66E-08
4151	624259.35	4265111.83	8.92E-08	3.07E-08	1.20E-07	7.46E-08	2.30E-08	9.75E-08	1.77E-08	5.88E-09	2.35E-08	1.38E-08	2.83E-09	1.66E-08
4152	624268.42	4265108.22	8.94E-08	3.07E-08	1.20E-07	7.47E-08	2.30E-08	9.77E-08	1.77E-08	5.89E-09	2.36E-08	1.38E-08	2.84E-09	1.66E-08
4153	624277.5	4265104.61	8.96E-08	3.08E-08	1.20E-07	7.49E-08	2.31E-08	9.79E-08	1.77E-08	5.90E-09	2.36E-08	1.38E-08	2.84E-09	1.67E-08
4154	624286.57	4265101	8.98E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
4155	624295.65	4265097.38	9.01E-08	3.10E-08	1.21E-07	7.53E-08	2.32E-08	9.85E-08	1.78E-08	5.94E-09	2.38E-08	1.39E-08	2.86E-09	1.68E-08
4156	624304.72	4265093.77	9.04E-08	3.11E-08	1.22E-07	7.56E-08	2.33E-08	9.89E-08	1.79E-08	5.96E-09	2.39E-08	1.40E-08	2.87E-09	1.68E-08
4157	624313.8	4265090.16	9.08E-08	3.12E-08	1.22E-07	7.59E-08	2.34E-08	9.93E-08	1.80E-08	5.98E-09	2.40E-08	1.40E-08	2.88E-09	1.69E-08
4158	624322.87	4265086.55	9.11E-08	3.13E-08	1.22E-07	7.62E-08	2.35E-08	9.97E-08	1.80E-08	6.01E-09	2.40E-08	1.41E-08	2.89E-09	1.70E-08
4159	624331.95	4265082.94	9.16E-08	3.15E-08	1.23E-07	7.65E-08	2.36E-08	1.00E-07	1.81E-08	6.03E-09	2.42E-08	1.41E-08	2.91E-09	1.70E-08
4160	624341.02	4265079.33	9.20E-08	3.16E-08	1.24E-07	7.69E-08	2.37E-08	1.01E-07	1.82E-08	6.06E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
4161	624350.1	4265075.72	9.24E-08	3.18E-08	1.24E-07	7.73E-08	2.38E-08	1.01E-07	1.83E-08	6.09E-09	2.44E-08	1.43E-08	2.93E-09	1.72E-08
4162	624359.17	4265072.11	9.28E-08	3.19E-08	1.25E-07	7.76E-08	2.39E-08	1.01E-07	1.84E-08	6.12E-09	2.45E-08	1.43E-08	2.95E-09	1.73E-08
4163	623759.99	4265659.76	7.16E-08	2.46E-08	9.62E-08	5.98E-08	1.84E-08	7.82E-08	1.42E-08	4.71E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
4164	623759.85	4265669.65	7.20E-08	2.47E-08	9.67E-08	6.02E-08	1.85E-08	7.87E-08	1.42E-08	4.74E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
4165	623759.71	4265679.55	7.24E-08	2.49E-08	9.72E-08	6.05E-08	1.86E-08	7.91E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
4166	623759.56	4265689.44	7.27E-08	2.50E-08	9.77E-08	6.08E-08	1.87E-08	7.95E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
4167	623759.42	4265699.33	7.31E-08	2.51E-08	9.82E-08	6.11E-08	1.88E-08	7.99E-08	1.45E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
4168	623759.28	4265709.22	7.34E-08	2.52E-08	9.86E-08	6.13E-08	1.89E-08	8.02E-08	1.45E-08	4.84E-09	1.94E-08	1.13E-08	2.33E-09	1.37E-08
4169	623759.13	4265719.12	7.37E-08	2.53E-08	9.90E-08	6.16E-08	1.90E-08	8.06E-08	1.46E-08	4.85E-09	1.94E-08	1.14E-08	2.34E-09	1.37E-08
4170	623758.99	4265729.01	7.40E-08	2.54E-08	9.94E-08	6.18E-08	1.90E-08	8.09E-08	1.46E-08	4.87E-09	1.95E-08	1.14E-08	2.35E-09	1.38E-08
4171	623758.85	4265738.9	7.42E-08	2.55E-08	9.98E-08	6.21E-08	1.91E-08	8.12E-08	1.47E-08	4.89E-09	1.96E-08	1.15E-08	2.36E-09	1.38E-08
4172	623758.7	4265748.79	7.45E-08	2.56E-08	1.00E-07	6.23E-08	1.92E-08	8.15E-08	1.47E-08	4.91E-09	1.97E-08	1.15E-08	2.36E-09	1.39E-08

4173	623758.56	4265758.69	7.48E-08	2.57E-08	1.01E-07	6.25E-08	1.93E-08	8.18E-08	1.48E-08	4.93E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
4174	623758.42	4265768.58	7.51E-08	2.58E-08	1.01E-07	6.28E-08	1.93E-08	8.21E-08	1.49E-08	4.95E-09	1.98E-08	1.16E-08	2.38E-09	1.40E-08
4175	623758.28	4265778.47	7.54E-08	2.59E-08	1.01E-07	6.30E-08	1.94E-08	8.25E-08	1.49E-08	4.97E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
4176	623758.13	4265788.36	7.58E-08	2.61E-08	1.02E-07	6.33E-08	1.95E-08	8.28E-08	1.50E-08	4.99E-09	2.00E-08	1.17E-08	2.40E-09	1.41E-08
4177	623757.99	4265798.26	7.62E-08	2.62E-08	1.02E-07	6.37E-08	1.96E-08	8.33E-08	1.51E-08	5.02E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
4178	623757.85	4265808.15	7.66E-08	2.64E-08	1.03E-07	6.41E-08	1.97E-08	8.38E-08	1.52E-08	5.05E-09	2.02E-08	1.18E-08	2.43E-09	1.43E-08
4179	623757.7	4265818.04	7.71E-08	2.65E-08	1.04E-07	6.45E-08	1.99E-08	8.43E-08	1.53E-08	5.08E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
4180	623757.56	4265827.93	7.77E-08	2.67E-08	1.04E-07	6.50E-08	2.00E-08	8.50E-08	1.54E-08	5.12E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
4181	623757.42	4265837.83	7.84E-08	2.69E-08	1.05E-07	6.55E-08	2.02E-08	8.57E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
4182	623757.27	4265847.72	7.91E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.64E-08	1.56E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
4183	623757.13	4265857.61	7.98E-08	2.74E-08	1.07E-07	6.67E-08	2.05E-08	8.73E-08	1.58E-08	5.26E-09	2.11E-08	1.23E-08	2.53E-09	1.48E-08
4184	623756.99	4265867.5	8.06E-08	2.77E-08	1.08E-07	6.74E-08	2.08E-08	8.81E-08	1.60E-08	5.31E-09	2.13E-08	1.24E-08	2.56E-09	1.50E-08
4185	623756.84	4265877.4	8.15E-08	2.80E-08	1.10E-07	6.81E-08	2.10E-08	8.91E-08	1.61E-08	5.37E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
4186	623756.7	4265887.29	8.24E-08	2.83E-08	1.11E-07	6.89E-08	2.12E-08	9.01E-08	1.63E-08	5.43E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
4187	623756.56	4265897.18	8.33E-08	2.87E-08	1.12E-07	6.96E-08	2.15E-08	9.11E-08	1.65E-08	5.49E-09	2.20E-08	1.29E-08	2.64E-09	1.55E-08
4188	623756.41	4265907.07	8.43E-08	2.90E-08	1.13E-07	7.04E-08	2.17E-08	9.21E-08	1.67E-08	5.55E-09	2.22E-08	1.30E-08	2.67E-09	1.57E-08
4189	623756.27	4265916.97	8.52E-08	2.93E-08	1.15E-07	7.12E-08	2.19E-08	9.32E-08	1.69E-08	5.62E-09	2.25E-08	1.32E-08	2.70E-09	1.59E-08
4190	623756.13	4265926.86	8.62E-08	2.96E-08	1.16E-07	7.20E-08	2.22E-08	9.42E-08	1.71E-08	5.68E-09	2.27E-08	1.33E-08	2.74E-09	1.60E-08
4191	623755.99	4265936.75	8.72E-08	3.00E-08	1.17E-07	7.29E-08	2.24E-08	9.53E-08	1.73E-08	5.74E-09	2.30E-08	1.35E-08	2.77E-09	1.62E-08
4192	623755.84	4265946.64	8.81E-08	3.03E-08	1.18E-07	7.37E-08	2.27E-08	9.64E-08	1.74E-08	5.81E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
4193	623755.7	4265956.54	8.91E-08	3.06E-08	1.20E-07	7.44E-08	2.29E-08	9.74E-08	1.76E-08	5.87E-09	2.35E-08	1.37E-08	2.83E-09	1.66E-08
4194	623713.86	4265650.08	6.54E-08	2.25E-08	8.78E-08	5.46E-08	1.68E-08	7.15E-08	1.29E-08	4.31E-09	1.72E-08	1.01E-08	2.07E-09	1.22E-08
4195	623717.72	4265641.13	6.54E-08	2.25E-08	8.79E-08	5.47E-08	1.68E-08	7.15E-08	1.30E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4196	623721.58	4265632.17	6.55E-08	2.25E-08	8.80E-08	5.47E-08	1.69E-08	7.16E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4197	623725.44	4265623.22	6.56E-08	2.25E-08	8.81E-08	5.48E-08	1.69E-08	7.17E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4198	623729.3	4265614.26	6.56E-08	2.26E-08	8.82E-08	5.48E-08	1.69E-08	7.17E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4199	623733.16	4265605.31	6.57E-08	2.26E-08	8.82E-08	5.49E-08	1.69E-08	7.18E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4200	623737.02	4265596.36	6.57E-08	2.26E-08	8.83E-08	5.49E-08	1.69E-08	7.18E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.09E-09	1.22E-08
4201	623740.88	4265587.4	6.58E-08	2.26E-08	8.84E-08	5.50E-08	1.69E-08	7.19E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.09E-09	1.22E-08
4202	623744.74	4265578.45	6.58E-08	2.26E-08	8.84E-08	5.50E-08	1.69E-08	7.19E-08	1.30E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.22E-08
4203	623748.6	4265569.49	6.59E-08	2.26E-08	8.85E-08	5.50E-08	1.70E-08	7.20E-08	1.30E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
4204	623752.46	4265560.54	6.59E-08	2.27E-08	8.86E-08	5.51E-08	1.70E-08	7.21E-08	1.30E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
4205	623756.32	4265551.58	6.60E-08	2.27E-08	8.86E-08	5.51E-08	1.70E-08	7.21E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
4206	623760.18	4265542.63	6.60E-08	2.27E-08	8.87E-08	5.52E-08	1.70E-08	7.22E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
4207	623764.04	4265533.67	6.61E-08	2.27E-08	8.88E-08	5.52E-08	1.70E-08	7.22E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
4208	623767.9	4265524.72	6.61E-08	2.27E-08	8.89E-08	5.53E-08	1.70E-08	7.23E-08	1.31E-08	4.36E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
4209	623771.76	4265515.76	6.62E-08	2.28E-08	8.90E-08	5.53E-08	1.70E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
4210	623775.62	4265506.81	6.63E-08	2.28E-08	8.91E-08	5.54E-08	1.71E-08	7.25E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
4211	623779.48	4265497.86	6.64E-08	2.28E-08	8.92E-08	5.55E-08	1.71E-08	7.26E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.11E-09	1.23E-08
4212	623783.34	4265488.9	6.65E-08	2.29E-08	8.93E-08	5.56E-08	1.71E-08	7.27E-08	1.32E-08	4.38E-09	1.75E-08	1.03E-08	2.11E-09	1.24E-08
4213	623787.2	4265479.95	6.66E-08	2.29E-08	8.94E-08	5.56E-08	1.71E-08	7.28E-08	1.32E-08	4.38E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
4214	623791.06	4265470.99	6.67E-08	2.29E-08	8.96E-08	5.57E-08	1.72E-08	7.29E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
4215	623794.92	4265462.04	6.67E-08	2.30E-08	8.97E-08	5.58E-08	1.72E-08	7.30E-08	1.32E-08	4.40E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
4216	623798.78	4265453.08	6.68E-08	2.30E-08	8.98E-08	5.59E-08	1.72E-08	7.31E-08	1.32E-08	4.40E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
4217	623802.64	4265444.13	6.69E-08	2.30E-08	8.99E-08	5.59E-08	1.72E-08	7.31E-08	1.32E-08	4.41E-09	1.77E-08	1.03E-08	2.12E-09	1.24E-08
4218	623806.5	4265435.17	6.70E-08	2.30E-08	9.00E-08	5.60E-08	1.72E-08	7.32E-08	1.33E-08	4.41E-09	1.77E-08	1.03E-08	2.13E-09	1.25E-08
4219	623810.36	4265426.22	6.70E-08	2.30E-08	9.01E-08	5.60E-08	1.73E-08	7.33E-08	1.33E-08	4.42E-09	1.77E-08	1.03E-08	2.13E-09	1.25E-08
4220	623814.22	4265417.26	6.70E-08	2.31E-08	9.01E-08	5.60E-08	1.73E-08	7.33E-08	1.33E-08	4.42E-09	1.77E-08	1.03E-08	2.13E-09	1.25E-08
4221	623818.08	4265408.31	6.71E-08	2.31E-08	9.01E-08	5.60E-08	1.73E-08	7.33E-08	1.33E-08	4.42E-09	1.77E-08	1.03E-08	2.13E-09	1.25E-08
4222	623821.94	4265399.36	6.70E-08	2.31E-08	9.01E-08	5.60E-08	1.73E-08	7.33E-08	1.33E-08	4.42E-09	1.77E-08	1.03E-08	2.13E-09	1.25E-08
4223	623825.8	4265390.4	6.70E-08	2.30E-08	9.00E-08	5.60E-08	1.72E-08	7.32E-08	1.33E-08	4.41E-09	1.77E-08	1.03E-08	2.13E-09	1.25E-08
4224	623829.66	4265381.45	6.69E-08	2.30E-08	8.99E-08	5.59E-08	1.72E-08	7.32E-08	1.32E-08	4.41E-09	1.77E-08	1.03E-08	2.12E-09	1.24E-08
4225	623833.52	4265372.49	6.68E-08	2.30E-08	8.98E-08	5.59E-08	1.72E-08	7.31E-08	1.32E-08	4.40E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
4226	623837.38	4265363.54	6.67E-08	2.29E-08	8.96E-08	5.58E-08	1.72E-08	7.29E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
4227	623841.24	4265354.58	6.66E-08	2.29E-08	8.94E-08	5.56E-08	1.71E-08	7.28E-08	1.32E-08	4.38E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
4228	623845.1	4265345.63	6.64E-08	2.28E-08	8.92E-08	5.55E-08	1.71E-08	7.26E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.11E-09	1.23E-08
4229	623848.96	4265336.67	6.62E-08	2.28E-08	8.89E-08	5.53E-08	1.70E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
4230	623852.82	4265327.72	6.60E-08	2.27E-08	8.87E-08	5.51E-08	1.70E-08	7.21E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
4231	623856.69	4265318.76	6.57E-08	2.26E-08	8.84E-08	5.50E-08	1.69E-08	7.19E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.09E-09	1.22E-08
4232	623860.55	4265309.81	6.55E-08	2.25E-08	8.80E-08	5.48E-08	1.69E-08	7.16E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4233	623864.41	4265300.86	6.53E-08	2.24E-08	8.77E-08	5.46E-08	1.68E-08	7.14E-08	1.29E-08	4.30E-09	1.72E-08	1.01E-08	2.07E-09	1.21E-08
4234	623868.27	4265291.9	6.50E-08	2.24E-08	8.74E-08	5.44E-08	1.67E-08	7.11E-08	1.29E-08	4.28E-09	1.72E-08	1.00E-08	2.06E-09	1.21E-08
4235	623872.13	4265282.95	6.48E-08	2.23E-08	8.71E-08	5.41E-08	1.67E-08	7.08E-08	1.28E-08	4.27E-09	1.71E-08	1.00E-08	2.06E-09	1.21E-08
4236	623875.99	4265273.99	6.45E-08	2.22E-08	8.67E-08	5.39E-08	1.66E-08	7.06E-08	1.28E-08	4.25E-09	1.70E-08	9.96E-09	2.05E-09	1.20E-08
4237	623879.85	4265265.04	6.43E-08	2.21E-08	8.64E-08	5.37E-08	1.66E-08	7.03E-08	1.27E-08	4.24E-09	1.70E-08	9.92E-09	2.04E-09	1.20E-08
4238	623883.71	4265256.08	6.41E-08	2.20E-08	8.61E-08	5.36E-08	1.65E-08	7.00E-08	1.27E-08	4.22E-09	1.69E-08	9.89E-09	2.03E-09	1.19E-08
4239	623887.57	4265247.13	6.39E-08	2.20E-08	8.58E-08	5.34E-08	1.64E-08	6.98E-08	1.26E-08	4.21E-09	1.68E-08	9.85E-09	2.03E-09	1.19E-08
4240	623891.43	4265238.17	6.37E-08	2.19E-08	8.55E-08	5.32E-08	1.64E-08	6.96E-08	1.26E-08	4.19E-09	1.68E-08	9.82E-09	2.02E-09	1.18E-08
4241	623895.29	4265229.22	6.35E-08	2.18E-08	8.53E-08	5.30E-08	1.63E-08	6.94E-08	1.26E-08	4.18E-09	1.67E-08	9.79E-09	2.01E-09	1.18E-08
4242	623899.15	4265220.26	6.33E-08	2.18E-08	8.51E-08	5.29E-08	1.63E-08	6.92E-08	1.25E-08	4.17E-09	1.67E-08	9.77E-09	2.01E-09	1.18E-08
4243	623903.01	4265211.31	6.31E-08	2.17E-08	8.48E-08	5.28E-08	1.63E-08	6.90E-08	1.25E-08	4.16E-09	1.67E-08	9.74E-09	2.00E-09	1.17E-08
4244	623915.93	4265198.75	6.37E-08	2.19E-08	8.56E-08	5.32E-08	1.64E-08	6.97E-08	1.26E-08	4.20E-09	1.68E-08	9.83E-09	2.02E-09	1.19E-08

4245	623924.99	4265195.15	6.44E-08	2.22E-08	8.66E-08	5.39E-08	1.66E-08	7.05E-08	1.28E-08	4.25E-09	1.70E-08	9.94E-09	2.05E-09	1.20E-08
4246	623934.05	4265191.54	6.52E-08	2.24E-08	8.76E-08	5.45E-08	1.68E-08	7.13E-08	1.29E-08	4.30E-09	1.72E-08	1.01E-08	2.07E-09	1.21E-08
4247	623943.11	4265187.94	6.59E-08	2.27E-08	8.86E-08	5.51E-08	1.70E-08	7.21E-08	1.31E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
4248	623952.17	4265184.33	6.67E-08	2.29E-08	8.96E-08	5.58E-08	1.72E-08	7.29E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
4249	623961.23	4265180.73	6.75E-08	2.32E-08	9.07E-08	5.64E-08	1.74E-08	7.38E-08	1.34E-08	4.45E-09	1.78E-08	1.04E-08	2.14E-09	1.26E-08
4250	623970.29	4265177.12	6.83E-08	2.35E-08	9.18E-08	5.71E-08	1.76E-08	7.47E-08	1.35E-08	4.50E-09	1.80E-08	1.05E-08	2.17E-09	1.27E-08
4251	623979.35	4265173.52	6.91E-08	2.38E-08	9.28E-08	5.77E-08	1.78E-08	7.55E-08	1.37E-08	4.55E-09	1.82E-08	1.07E-08	2.19E-09	1.29E-08
4252	623988.41	4265169.91	6.99E-08	2.40E-08	9.40E-08	5.84E-08	1.80E-08	7.64E-08	1.38E-08	4.61E-09	1.84E-08	1.08E-08	2.22E-09	1.30E-08
4253	623997.47	4265166.31	7.07E-08	2.43E-08	9.51E-08	5.91E-08	1.82E-08	7.73E-08	1.40E-08	4.66E-09	1.87E-08	1.09E-08	2.24E-09	1.32E-08
4254	624006.53	4265162.7	7.16E-08	2.46E-08	9.62E-08	5.98E-08	1.84E-08	7.82E-08	1.42E-08	4.72E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
4255	624015.59	4265159.1	7.24E-08	2.49E-08	9.73E-08	6.05E-08	1.86E-08	7.91E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
4256	624024.65	4265155.49	7.32E-08	2.52E-08	9.84E-08	6.12E-08	1.88E-08	8.00E-08	1.45E-08	4.82E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
4257	624033.71	4265151.89	7.40E-08	2.55E-08	9.95E-08	6.19E-08	1.91E-08	8.09E-08	1.47E-08	4.88E-09	1.95E-08	1.14E-08	2.35E-09	1.38E-08
4258	624042.77	4265148.28	7.48E-08	2.57E-08	1.01E-07	6.25E-08	1.93E-08	8.18E-08	1.48E-08	4.93E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
4259	624051.83	4265144.68	7.56E-08	2.60E-08	1.02E-07	6.32E-08	1.95E-08	8.27E-08	1.50E-08	4.98E-09	1.99E-08	1.17E-08	2.40E-09	1.41E-08
4260	624060.89	4265141.07	7.63E-08	2.63E-08	1.03E-07	6.38E-08	1.97E-08	8.35E-08	1.51E-08	5.03E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
4261	624069.95	4265137.47	7.71E-08	2.65E-08	1.04E-07	6.44E-08	1.98E-08	8.43E-08	1.53E-08	5.08E-09	2.03E-08	1.19E-08	2.45E-09	1.43E-08
4262	624079.01	4265133.86	7.77E-08	2.67E-08	1.04E-07	6.50E-08	2.00E-08	8.50E-08	1.54E-08	5.12E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
4263	624088.07	4265130.26	7.84E-08	2.70E-08	1.05E-07	6.55E-08	2.02E-08	8.57E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
4264	624097.13	4265126.65	7.90E-08	2.72E-08	1.06E-07	6.60E-08	2.03E-08	8.64E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
4265	624106.19	4265123.05	7.95E-08	2.74E-08	1.07E-07	6.65E-08	2.05E-08	8.70E-08	1.57E-08	5.24E-09	2.10E-08	1.23E-08	2.52E-09	1.48E-08
4266	624115.25	4265119.44	8.00E-08	2.75E-08	1.08E-07	6.69E-08	2.06E-08	8.75E-08	1.58E-08	5.27E-09	2.11E-08	1.24E-08	2.54E-09	1.49E-08
4267	624124.31	4265115.84	8.05E-08	2.77E-08	1.08E-07	6.73E-08	2.07E-08	8.80E-08	1.59E-08	5.31E-09	2.12E-08	1.24E-08	2.56E-09	1.50E-08
4268	624133.37	4265112.23	8.09E-08	2.78E-08	1.09E-07	6.77E-08	2.08E-08	8.85E-08	1.60E-08	5.33E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
4269	624142.44	4265108.63	8.13E-08	2.80E-08	1.09E-07	6.80E-08	2.09E-08	8.89E-08	1.61E-08	5.36E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
4270	624151.5	4265105.02	8.16E-08	2.80E-08	1.10E-07	6.82E-08	2.10E-08	8.92E-08	1.61E-08	5.37E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
4271	624160.56	4265101.42	8.18E-08	2.81E-08	1.10E-07	6.83E-08	2.10E-08	8.94E-08	1.62E-08	5.39E-09	2.16E-08	1.26E-08	2.59E-09	1.52E-08
4272	624169.62	4265097.81	8.19E-08	2.82E-08	1.10E-07	6.85E-08	2.11E-08	8.95E-08	1.62E-08	5.40E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
4273	624178.68	4265094.21	8.20E-08	2.82E-08	1.10E-07	6.85E-08	2.11E-08	8.96E-08	1.62E-08	5.40E-09	2.16E-08	1.27E-08	2.60E-09	1.53E-08
4274	624187.74	4265090.6	8.20E-08	2.82E-08	1.10E-07	6.86E-08	2.11E-08	8.97E-08	1.62E-08	5.40E-09	2.16E-08	1.27E-08	2.60E-09	1.53E-08
4275	624196.8	4265087	8.21E-08	2.82E-08	1.10E-07	6.86E-08	2.11E-08	8.97E-08	1.62E-08	5.41E-09	2.16E-08	1.27E-08	2.60E-09	1.53E-08
4276	624205.86	4265083.39	8.21E-08	2.82E-08	1.10E-07	6.86E-08	2.11E-08	8.97E-08	1.62E-08	5.41E-09	2.16E-08	1.27E-08	2.60E-09	1.53E-08
4277	624214.92	4265079.79	8.20E-08	2.82E-08	1.10E-07	6.86E-08	2.11E-08	8.97E-08	1.62E-08	5.41E-09	2.16E-08	1.27E-08	2.60E-09	1.53E-08
4278	624223.98	4265076.18	8.20E-08	2.82E-08	1.10E-07	6.86E-08	2.11E-08	8.97E-08	1.62E-08	5.41E-09	2.16E-08	1.27E-08	2.60E-09	1.53E-08
4279	624233.04	4265072.58	8.21E-08	2.82E-08	1.10E-07	6.86E-08	2.11E-08	8.97E-08	1.62E-08	5.41E-09	2.16E-08	1.27E-08	2.60E-09	1.53E-08
4280	624242.1	4265068.97	8.21E-08	2.82E-08	1.10E-07	6.86E-08	2.11E-08	8.98E-08	1.62E-08	5.41E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
4281	624251.16	4265065.37	8.22E-08	2.83E-08	1.10E-07	6.87E-08	2.12E-08	8.98E-08	1.63E-08	5.41E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
4282	624260.22	4265061.76	8.23E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	8.99E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
4283	624269.28	4265058.16	8.24E-08	2.83E-08	1.11E-07	6.89E-08	2.12E-08	9.01E-08	1.63E-08	5.43E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
4284	624278.34	4265054.55	8.26E-08	2.84E-08	1.11E-07	6.90E-08	2.13E-08	9.03E-08	1.63E-08	5.44E-09	2.18E-08	1.27E-08	2.62E-09	1.54E-08
4285	624287.4	4265050.95	8.28E-08	2.85E-08	1.11E-07	6.92E-08	2.13E-08	9.05E-08	1.64E-08	5.45E-09	2.18E-08	1.28E-08	2.63E-09	1.54E-08
4286	624296.46	4265047.34	8.30E-08	2.85E-08	1.12E-07	6.94E-08	2.14E-08	9.07E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
4287	624305.52	4265043.74	8.33E-08	2.86E-08	1.12E-07	6.96E-08	2.14E-08	9.10E-08	1.65E-08	5.48E-09	2.20E-08	1.28E-08	2.64E-09	1.55E-08
4288	624314.58	4265040.13	8.35E-08	2.87E-08	1.12E-07	6.98E-08	2.15E-08	9.13E-08	1.65E-08	5.50E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
4289	624323.64	4265036.53	8.38E-08	2.88E-08	1.13E-07	7.01E-08	2.16E-08	9.17E-08	1.66E-08	5.52E-09	2.21E-08	1.29E-08	2.66E-09	1.56E-08
4290	624332.7	4265032.92	8.42E-08	2.89E-08	1.13E-07	7.04E-08	2.17E-08	9.20E-08	1.67E-08	5.55E-09	2.22E-08	1.30E-08	2.67E-09	1.57E-08
4291	624341.76	4265029.32	8.45E-08	2.91E-08	1.14E-07	7.07E-08	2.18E-08	9.24E-08	1.67E-08	5.57E-09	2.23E-08	1.30E-08	2.68E-09	1.57E-08
4292	624350.82	4265025.71	8.49E-08	2.92E-08	1.14E-07	7.10E-08	2.19E-08	9.28E-08	1.68E-08	5.59E-09	2.24E-08	1.31E-08	2.69E-09	1.58E-08
4293	624359.88	4265022.11	8.52E-08	2.93E-08	1.15E-07	7.13E-08	2.19E-08	9.32E-08	1.69E-08	5.62E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08
4294	623710	4265659.04	6.53E-08	2.24E-08	8.77E-08	5.46E-08	1.68E-08	7.14E-08	1.29E-08	4.30E-09	1.72E-08	1.01E-08	2.07E-09	1.21E-08
4295	623709.85	4265668.93	6.56E-08	2.26E-08	8.82E-08	5.48E-08	1.69E-08	7.17E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4296	623709.71	4265678.82	6.59E-08	2.27E-08	8.86E-08	5.51E-08	1.70E-08	7.21E-08	1.31E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
4297	623709.57	4265688.71	6.63E-08	2.28E-08	8.90E-08	5.54E-08	1.71E-08	7.24E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
4298	623709.43	4265698.61	6.66E-08	2.29E-08	8.94E-08	5.56E-08	1.71E-08	7.28E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
4299	623709.28	4265708.5	6.68E-08	2.30E-08	8.98E-08	5.59E-08	1.72E-08	7.31E-08	1.32E-08	4.40E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
4300	623709.14	4265718.39	6.71E-08	2.31E-08	9.02E-08	5.61E-08	1.73E-08	7.34E-08	1.33E-08	4.42E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
4301	623709	4265728.28	6.74E-08	2.32E-08	9.05E-08	5.63E-08	1.73E-08	7.36E-08	1.33E-08	4.44E-09	1.78E-08	1.04E-08	2.14E-09	1.25E-08
4302	623708.85	4265738.18	6.76E-08	2.32E-08	9.09E-08	5.65E-08	1.74E-08	7.39E-08	1.34E-08	4.45E-09	1.78E-08	1.04E-08	2.15E-09	1.26E-08
4303	623708.71	4265748.07	6.79E-08	2.33E-08	9.12E-08	5.67E-08	1.75E-08	7.42E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
4304	623708.57	4265757.96	6.81E-08	2.34E-08	9.15E-08	5.69E-08	1.75E-08	7.45E-08	1.35E-08	4.49E-09	1.80E-08	1.05E-08	2.16E-09	1.27E-08
4305	623708.42	4265767.85	6.84E-08	2.35E-08	9.19E-08	5.72E-08	1.76E-08	7.48E-08	1.35E-08	4.51E-09	1.80E-08	1.06E-08	2.17E-09	1.27E-08
4306	623708.28	4265777.75	6.87E-08	2.36E-08	9.23E-08	5.74E-08	1.77E-08	7.51E-08	1.36E-08	4.53E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
4307	623708.14	4265787.64	6.90E-08	2.37E-08	9.27E-08	5.77E-08	1.78E-08	7.54E-08	1.37E-08	4.55E-09	1.82E-08	1.06E-08	2.19E-09	1.28E-08
4308	623707.99	4265797.53	6.94E-08	2.38E-08	9.32E-08	5.80E-08	1.79E-08	7.58E-08	1.37E-08	4.57E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
4309	623707.85	4265807.42	6.98E-08	2.40E-08	9.37E-08	5.83E-08	1.80E-08	7.63E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.21E-09	1.30E-08
4310	623707.71	4265817.32	7.02E-08	2.41E-08	9.44E-08	5.87E-08	1.81E-08	7.68E-08	1.39E-08	4.63E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
4311	623707.56	4265827.21	7.07E-08	2.43E-08	9.50E-08	5.91E-08	1.82E-08	7.73E-08	1.40E-08	4.66E-09	1.87E-08	1.09E-08	2.24E-09	1.32E-08
4312	623707.42	4265837.1	7.13E-08	2.45E-08	9.58E-08	5.96E-08	1.83E-08	7.79E-08	1.41E-08	4.70E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
4313	623707.28	4265846.99	7.18E-08	2.47E-08	9.66E-08	6.01E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
4314	623707.14	4265856.89	7.25E-08	2.49E-08	9.74E-08	6.06E-08	1.87E-08	7.92E-08	1.43E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
4315	623706.99	4265866.78	7.32E-08	2.52E-08	9.83E-08	6.11E-08	1.88E-08	8.00E-08	1.45E-08	4.82E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
4316	623706.85	4265876.67	7.39E-08	2.54E-08	9.93E-08	6.17E-08	1.90E-08	8.08E-08	1.46E-08	4.87E-09	1.95E-08	1.14E-08	2.34E-09	1.37E-08

4317	623706.71	4265886.56	7.46E-08	2.57E-08	1.00E-07	6.24E-08	1.92E-08	8.16E-08	1.48E-08	4.92E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
4318	623706.56	4265896.46	7.54E-08	2.59E-08	1.01E-07	6.30E-08	1.94E-08	8.24E-08	1.49E-08	4.97E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
4319	623706.42	4265906.35	7.62E-08	2.62E-08	1.02E-07	6.37E-08	1.96E-08	8.33E-08	1.51E-08	5.02E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
4320	623706.28	4265916.24	7.70E-08	2.65E-08	1.04E-07	6.44E-08	1.98E-08	8.42E-08	1.52E-08	5.08E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
4321	623706.13	4265926.13	7.79E-08	2.68E-08	1.05E-07	6.51E-08	2.00E-08	8.51E-08	1.54E-08	5.13E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
4322	623705.99	4265936.03	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.60E-08	1.56E-08	5.18E-09	2.08E-08	1.21E-08	2.50E-09	1.46E-08
4323	623705.85	4265945.92	7.95E-08	2.73E-08	1.07E-07	6.64E-08	2.05E-08	8.69E-08	1.57E-08	5.24E-09	2.10E-08	1.23E-08	2.52E-09	1.48E-08
4324	623705.7	4265955.81	8.03E-08	2.76E-08	1.08E-07	6.71E-08	2.07E-08	8.77E-08	1.59E-08	5.29E-09	2.12E-08	1.24E-08	2.55E-09	1.49E-08
4325	623705.56	4265965.7	8.10E-08	2.79E-08	1.09E-07	6.77E-08	2.09E-08	8.86E-08	1.60E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
4326	623663.86	4265649.37	6.00E-08	2.06E-08	8.07E-08	5.02E-08	1.55E-08	6.56E-08	1.19E-08	3.95E-09	1.58E-08	9.26E-09	1.90E-09	1.12E-08
4327	623667.71	4265640.43	6.01E-08	2.07E-08	8.08E-08	5.02E-08	1.55E-08	6.57E-08	1.19E-08	3.96E-09	1.59E-08	9.27E-09	1.91E-09	1.12E-08
4328	623671.57	4265631.49	6.02E-08	2.07E-08	8.08E-08	5.03E-08	1.55E-08	6.58E-08	1.19E-08	3.96E-09	1.59E-08	9.28E-09	1.91E-09	1.12E-08
4329	623675.42	4265622.55	6.02E-08	2.07E-08	8.09E-08	5.03E-08	1.55E-08	6.58E-08	1.19E-08	3.97E-09	1.59E-08	9.29E-09	1.91E-09	1.12E-08
4330	623679.28	4265613.6	6.03E-08	2.07E-08	8.10E-08	5.04E-08	1.55E-08	6.59E-08	1.19E-08	3.97E-09	1.59E-08	9.30E-09	1.91E-09	1.12E-08
4331	623683.13	4265604.66	6.03E-08	2.07E-08	8.11E-08	5.04E-08	1.55E-08	6.59E-08	1.19E-08	3.97E-09	1.59E-08	9.31E-09	1.91E-09	1.12E-08
4332	623686.99	4265595.72	6.04E-08	2.08E-08	8.11E-08	5.04E-08	1.55E-08	6.60E-08	1.19E-08	3.98E-09	1.59E-08	9.31E-09	1.92E-09	1.12E-08
4333	623690.84	4265586.78	6.04E-08	2.08E-08	8.12E-08	5.05E-08	1.56E-08	6.60E-08	1.20E-08	3.98E-09	1.59E-08	9.32E-09	1.92E-09	1.12E-08
4334	623694.7	4265577.84	6.05E-08	2.08E-08	8.12E-08	5.05E-08	1.56E-08	6.61E-08	1.20E-08	3.98E-09	1.59E-08	9.33E-09	1.92E-09	1.12E-08
4335	623698.55	4265568.89	6.05E-08	2.08E-08	8.13E-08	5.06E-08	1.56E-08	6.62E-08	1.20E-08	3.99E-09	1.60E-08	9.34E-09	1.92E-09	1.13E-08
4336	623702.41	4265559.95	6.06E-08	2.08E-08	8.14E-08	5.06E-08	1.56E-08	6.62E-08	1.20E-08	3.99E-09	1.60E-08	9.35E-09	1.92E-09	1.13E-08
4337	623706.26	4265551.01	6.06E-08	2.08E-08	8.15E-08	5.07E-08	1.56E-08	6.63E-08	1.20E-08	3.99E-09	1.60E-08	9.36E-09	1.92E-09	1.13E-08
4338	623710.12	4265542.07	6.07E-08	2.09E-08	8.16E-08	5.07E-08	1.56E-08	6.64E-08	1.20E-08	4.00E-09	1.60E-08	9.37E-09	1.93E-09	1.13E-08
4339	623713.97	4265533.13	6.08E-08	2.09E-08	8.17E-08	5.08E-08	1.56E-08	6.65E-08	1.20E-08	4.00E-09	1.60E-08	9.38E-09	1.93E-09	1.13E-08
4340	623717.83	4265524.18	6.09E-08	2.09E-08	8.18E-08	5.09E-08	1.57E-08	6.65E-08	1.20E-08	4.01E-09	1.61E-08	9.39E-09	1.93E-09	1.13E-08
4341	623721.68	4265515.24	6.09E-08	2.10E-08	8.19E-08	5.09E-08	1.57E-08	6.66E-08	1.21E-08	4.02E-09	1.61E-08	9.40E-09	1.93E-09	1.13E-08
4342	623725.53	4265506.3	6.11E-08	2.10E-08	8.20E-08	5.10E-08	1.57E-08	6.68E-08	1.21E-08	4.02E-09	1.61E-08	9.42E-09	1.94E-09	1.14E-08
4343	623729.39	4265497.36	6.12E-08	2.10E-08	8.22E-08	5.11E-08	1.57E-08	6.69E-08	1.21E-08	4.03E-09	1.61E-08	9.44E-09	1.94E-09	1.14E-08
4344	623733.24	4265488.42	6.13E-08	2.11E-08	8.24E-08	5.12E-08	1.58E-08	6.70E-08	1.21E-08	4.04E-09	1.62E-08	9.46E-09	1.95E-09	1.14E-08
4345	623737.1	4265479.47	6.14E-08	2.11E-08	8.25E-08	5.13E-08	1.58E-08	6.71E-08	1.22E-08	4.05E-09	1.62E-08	9.48E-09	1.95E-09	1.14E-08
4346	623740.95	4265470.53	6.15E-08	2.12E-08	8.27E-08	5.14E-08	1.58E-08	6.73E-08	1.22E-08	4.06E-09	1.62E-08	9.50E-09	1.95E-09	1.14E-08
4347	623744.81	4265461.59	6.17E-08	2.12E-08	8.29E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.52E-09	1.96E-09	1.15E-08
4348	623748.66	4265452.65	6.18E-08	2.12E-08	8.30E-08	5.16E-08	1.59E-08	6.76E-08	1.22E-08	4.07E-09	1.63E-08	9.53E-09	1.96E-09	1.15E-08
4349	623752.52	4265443.71	6.19E-08	2.13E-08	8.32E-08	5.17E-08	1.59E-08	6.77E-08	1.23E-08	4.08E-09	1.63E-08	9.55E-09	1.96E-09	1.15E-08
4350	623756.37	4265434.76	6.20E-08	2.13E-08	8.33E-08	5.18E-08	1.60E-08	6.78E-08	1.23E-08	4.09E-09	1.64E-08	9.57E-09	1.97E-09	1.15E-08
4351	623760.23	4265425.82	6.21E-08	2.13E-08	8.34E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.58E-09	1.97E-09	1.15E-08
4352	623764.08	4265416.88	6.21E-08	2.14E-08	8.35E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.59E-09	1.97E-09	1.16E-08
4353	623767.94	4265407.94	6.22E-08	2.14E-08	8.36E-08	5.20E-08	1.60E-08	6.80E-08	1.23E-08	4.10E-09	1.64E-08	9.59E-09	1.97E-09	1.16E-08
4354	623771.79	4265399	6.22E-08	2.14E-08	8.36E-08	5.20E-08	1.60E-08	6.80E-08	1.23E-08	4.10E-09	1.64E-08	9.60E-09	1.97E-09	1.16E-08
4355	623775.65	4265390.05	6.22E-08	2.14E-08	8.36E-08	5.20E-08	1.60E-08	6.80E-08	1.23E-08	4.10E-09	1.64E-08	9.60E-09	1.97E-09	1.16E-08
4356	623779.5	4265381.11	6.22E-08	2.14E-08	8.36E-08	5.20E-08	1.60E-08	6.80E-08	1.23E-08	4.10E-09	1.64E-08	9.60E-09	1.97E-09	1.16E-08
4357	623783.36	4265372.17	6.22E-08	2.14E-08	8.36E-08	5.20E-08	1.60E-08	6.80E-08	1.23E-08	4.10E-09	1.64E-08	9.59E-09	1.97E-09	1.16E-08
4358	623787.21	4265363.23	6.21E-08	2.14E-08	8.35E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.59E-09	1.97E-09	1.16E-08
4359	623791.07	4265354.29	6.20E-08	2.13E-08	8.34E-08	5.18E-08	1.60E-08	6.78E-08	1.23E-08	4.09E-09	1.64E-08	9.57E-09	1.97E-09	1.15E-08
4360	623794.92	4265345.34	6.19E-08	2.13E-08	8.32E-08	5.18E-08	1.59E-08	6.77E-08	1.23E-08	4.08E-09	1.63E-08	9.55E-09	1.96E-09	1.15E-08
4361	623798.78	4265336.4	6.18E-08	2.12E-08	8.30E-08	5.16E-08	1.59E-08	6.75E-08	1.22E-08	4.07E-09	1.63E-08	9.53E-09	1.96E-09	1.15E-08
4362	623802.63	4265327.46	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.51E-09	1.96E-09	1.15E-08
4363	623806.49	4265318.52	6.14E-08	2.11E-08	8.25E-08	5.13E-08	1.58E-08	6.72E-08	1.22E-08	4.05E-09	1.62E-08	9.48E-09	1.95E-09	1.14E-08
4364	623810.34	4265309.58	6.12E-08	2.11E-08	8.23E-08	5.12E-08	1.58E-08	6.69E-08	1.21E-08	4.03E-09	1.62E-08	9.45E-09	1.94E-09	1.14E-08
4365	623814.19	4265300.63	6.10E-08	2.10E-08	8.20E-08	5.10E-08	1.57E-08	6.67E-08	1.21E-08	4.02E-09	1.61E-08	9.41E-09	1.94E-09	1.13E-08
4366	623818.05	4265291.69	6.08E-08	2.09E-08	8.17E-08	5.08E-08	1.56E-08	6.64E-08	1.20E-08	4.00E-09	1.60E-08	9.38E-09	1.93E-09	1.13E-08
4367	623821.9	4265282.75	6.05E-08	2.08E-08	8.13E-08	5.06E-08	1.56E-08	6.62E-08	1.20E-08	3.99E-09	1.60E-08	9.34E-09	1.92E-09	1.13E-08
4368	623825.76	4265273.81	6.03E-08	2.07E-08	8.10E-08	5.04E-08	1.55E-08	6.59E-08	1.19E-08	3.97E-09	1.59E-08	9.30E-09	1.91E-09	1.12E-08
4369	623829.61	4265264.87	6.00E-08	2.06E-08	8.07E-08	5.02E-08	1.55E-08	6.56E-08	1.19E-08	3.96E-09	1.58E-08	9.26E-09	1.91E-09	1.12E-08
4370	623833.47	4265255.92	5.98E-08	2.06E-08	8.04E-08	5.00E-08	1.54E-08	6.54E-08	1.18E-08	3.94E-09	1.58E-08	9.23E-09	1.90E-09	1.11E-08
4371	623837.32	4265246.98	5.96E-08	2.05E-08	8.00E-08	4.98E-08	1.53E-08	6.51E-08	1.18E-08	3.92E-09	1.57E-08	9.19E-09	1.89E-09	1.11E-08
4372	623841.18	4265238.04	5.93E-08	2.04E-08	7.97E-08	4.96E-08	1.53E-08	6.49E-08	1.17E-08	3.91E-09	1.57E-08	9.16E-09	1.88E-09	1.10E-08
4373	623845.03	4265229.1	5.91E-08	2.03E-08	7.94E-08	4.94E-08	1.52E-08	6.46E-08	1.17E-08	3.89E-09	1.56E-08	9.12E-09	1.88E-09	1.10E-08
4374	623848.89	4265220.16	5.89E-08	2.03E-08	7.92E-08	4.92E-08	1.52E-08	6.44E-08	1.17E-08	3.88E-09	1.55E-08	9.09E-09	1.87E-09	1.10E-08
4375	623852.74	4265211.21	5.87E-08	2.02E-08	7.89E-08	4.91E-08	1.51E-08	6.42E-08	1.16E-08	3.87E-09	1.55E-08	9.06E-09	1.86E-09	1.09E-08
4376	623856.6	4265202.27	5.85E-08	2.01E-08	7.87E-08	4.89E-08	1.51E-08	6.40E-08	1.16E-08	3.86E-09	1.54E-08	9.03E-09	1.86E-09	1.09E-08
4377	623860.45	4265193.33	5.84E-08	2.01E-08	7.84E-08	4.88E-08	1.50E-08	6.38E-08	1.16E-08	3.85E-09	1.54E-08	9.01E-09	1.85E-09	1.09E-08
4378	623864.31	4265184.39	5.82E-08	2.00E-08	7.82E-08	4.87E-08	1.50E-08	6.36E-08	1.15E-08	3.84E-09	1.54E-08	8.98E-09	1.85E-09	1.08E-08
4379	623868.16	4265175.45	5.81E-08	2.00E-08	7.81E-08	4.86E-08	1.50E-08	6.35E-08	1.15E-08	3.83E-09	1.53E-08	8.96E-09	1.84E-09	1.08E-08
4380	623881.06	4265162.9	5.86E-08	2.01E-08	7.87E-08	4.90E-08	1.51E-08	6.40E-08	1.16E-08	3.86E-09	1.55E-08	9.04E-09	1.86E-09	1.09E-08
4381	623890.11	4265159.3	5.92E-08	2.04E-08	7.95E-08	4.95E-08	1.52E-08	6.47E-08	1.17E-08	3.90E-09	1.56E-08	9.13E-09	1.88E-09	1.10E-08
4382	623899.16	4265155.7	5.98E-08	2.06E-08	8.04E-08	5.00E-08	1.54E-08	6.54E-08	1.18E-08	3.94E-09	1.58E-08	9.23E-09	1.90E-09	1.11E-08
4383	623908.21	4265152.1	6.05E-08	2.08E-08	8.13E-08	5.06E-08	1.56E-08	6.62E-08	1.20E-08	3.99E-09	1.60E-08	9.34E-09	1.92E-09	1.13E-08
4384	623917.25	4265148.5	6.12E-08	2.11E-08	8.23E-08	5.12E-08	1.58E-08	6.69E-08	1.21E-08	4.03E-09	1.62E-08	9.45E-09	1.94E-09	1.14E-08
4385	623926.3	4265144.9	6.20E-08	2.13E-08	8.33E-08	5.18E-08	1.60E-08	6.77E-08	1.23E-08	4.08E-09	1.63E-08	9.56E-09	1.97E-09	1.15E-08
4386	623935.35	4265141.3	6.27E-08	2.16E-08	8.42E-08	5.24E-08	1.61E-08	6.85E-08	1.24E-08	4.13E-09	1.65E-08	9.67E-09	1.99E-09	1.17E-08
4387	623944.4	4265137.7	6.34E-08	2.18E-08	8.52E-08	5.30E-08	1.63E-08	6.93E-08	1.26E-08	4.18E-09	1.67E-08	9.79E-09	2.01E-09	1.18E-08
4388	623953.45	4265134.1	6.41E-08	2.21E-08	8.62E-08	5.36E-08	1.65E-08	7.01E-08	1.27E-08	4.23E-09	1.69E-08	9.90E-09	2.04E-09	1.19E-08

4389	623962.49	4265130.5	6.49E-08	2.23E-08	8.72E-08	5.42E-08	1.67E-08	7.09E-08	1.28E-08	4.28E-09	1.71E-08	1.00E-08	2.06E-09	1.21E-08
4390	623971.54	4265126.9	6.56E-08	2.26E-08	8.82E-08	5.49E-08	1.69E-08	7.18E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4391	623980.59	4265123.3	6.64E-08	2.28E-08	8.92E-08	5.55E-08	1.71E-08	7.26E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.11E-09	1.24E-08
4392	623989.64	4265119.7	6.71E-08	2.31E-08	9.02E-08	5.61E-08	1.73E-08	7.34E-08	1.33E-08	4.42E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
4393	623998.68	4265116.1	6.79E-08	2.33E-08	9.12E-08	5.68E-08	1.75E-08	7.42E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
4394	624007.73	4265112.5	6.86E-08	2.36E-08	9.22E-08	5.74E-08	1.77E-08	7.50E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
4395	624016.78	4265108.9	6.94E-08	2.39E-08	9.32E-08	5.80E-08	1.79E-08	7.58E-08	1.37E-08	4.57E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
4396	624025.83	4265105.3	7.01E-08	2.41E-08	9.42E-08	5.86E-08	1.80E-08	7.66E-08	1.39E-08	4.62E-09	1.85E-08	1.08E-08	2.22E-09	1.30E-08
4397	624034.87	4265101.7	7.08E-08	2.43E-08	9.51E-08	5.92E-08	1.82E-08	7.74E-08	1.40E-08	4.66E-09	1.87E-08	1.09E-08	2.25E-09	1.32E-08
4398	624043.92	4265098.1	7.14E-08	2.46E-08	9.60E-08	5.97E-08	1.84E-08	7.81E-08	1.41E-08	4.71E-09	1.88E-08	1.10E-08	2.27E-09	1.33E-08
4399	624052.97	4265094.5	7.21E-08	2.48E-08	9.69E-08	6.02E-08	1.86E-08	7.88E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
4400	624062.02	4265090.9	7.27E-08	2.50E-08	9.77E-08	6.08E-08	1.87E-08	7.95E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
4401	624071.06	4265087.3	7.32E-08	2.52E-08	9.84E-08	6.12E-08	1.89E-08	8.01E-08	1.45E-08	4.83E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
4402	624080.11	4265083.7	7.38E-08	2.54E-08	9.91E-08	6.17E-08	1.90E-08	8.07E-08	1.46E-08	4.86E-09	1.95E-08	1.14E-08	2.34E-09	1.37E-08
4403	624089.16	4265080.1	7.43E-08	2.55E-08	9.98E-08	6.21E-08	1.91E-08	8.12E-08	1.47E-08	4.89E-09	1.96E-08	1.15E-08	2.36E-09	1.38E-08
4404	624098.21	4265076.51	7.47E-08	2.57E-08	1.00E-07	6.24E-08	1.92E-08	8.16E-08	1.48E-08	4.92E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
4405	624107.25	4265072.91	7.51E-08	2.58E-08	1.01E-07	6.27E-08	1.93E-08	8.21E-08	1.49E-08	4.94E-09	1.98E-08	1.16E-08	2.38E-09	1.40E-08
4406	624116.3	4265069.31	7.54E-08	2.59E-08	1.01E-07	6.30E-08	1.94E-08	8.24E-08	1.49E-08	4.97E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
4407	624125.35	4265065.71	7.57E-08	2.60E-08	1.02E-07	6.32E-08	1.95E-08	8.27E-08	1.50E-08	4.98E-09	2.00E-08	1.17E-08	2.40E-09	1.41E-08
4408	624134.4	4265062.11	7.59E-08	2.61E-08	1.02E-07	6.34E-08	1.95E-08	8.29E-08	1.50E-08	5.00E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
4409	624143.45	4265058.51	7.60E-08	2.61E-08	1.02E-07	6.35E-08	1.96E-08	8.31E-08	1.50E-08	5.01E-09	2.01E-08	1.17E-08	2.41E-09	1.41E-08
4410	624152.49	4265054.91	7.61E-08	2.62E-08	1.02E-07	6.36E-08	1.96E-08	8.32E-08	1.51E-08	5.01E-09	2.01E-08	1.17E-08	2.42E-09	1.42E-08
4411	624161.54	4265051.31	7.62E-08	2.62E-08	1.02E-07	6.37E-08	1.96E-08	8.33E-08	1.51E-08	5.02E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
4412	624170.59	4265047.71	7.62E-08	2.62E-08	1.02E-07	6.37E-08	1.96E-08	8.34E-08	1.51E-08	5.02E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
4413	624179.64	4265044.11	7.62E-08	2.62E-08	1.02E-07	6.37E-08	1.96E-08	8.33E-08	1.51E-08	5.02E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
4414	624188.68	4265040.51	7.62E-08	2.62E-08	1.02E-07	6.37E-08	1.96E-08	8.33E-08	1.51E-08	5.02E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
4415	624197.73	4265036.91	7.61E-08	2.62E-08	1.02E-07	6.36E-08	1.96E-08	8.32E-08	1.51E-08	5.01E-09	2.01E-08	1.17E-08	2.42E-09	1.42E-08
4416	624206.78	4265033.31	7.60E-08	2.62E-08	1.02E-07	6.36E-08	1.96E-08	8.31E-08	1.51E-08	5.01E-09	2.01E-08	1.17E-08	2.41E-09	1.41E-08
4417	624215.83	4265029.71	7.60E-08	2.61E-08	1.02E-07	6.35E-08	1.96E-08	8.31E-08	1.50E-08	5.01E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
4418	624224.87	4265026.11	7.59E-08	2.61E-08	1.02E-07	6.35E-08	1.96E-08	8.30E-08	1.50E-08	5.00E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
4419	624233.92	4265022.51	7.59E-08	2.61E-08	1.02E-07	6.35E-08	1.95E-08	8.30E-08	1.50E-08	5.00E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
4420	624242.97	4265018.91	7.59E-08	2.61E-08	1.02E-07	6.35E-08	1.95E-08	8.30E-08	1.50E-08	5.00E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
4421	624252.02	4265015.31	7.60E-08	2.61E-08	1.02E-07	6.35E-08	1.96E-08	8.31E-08	1.50E-08	5.01E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
4422	624261.06	4265011.71	7.60E-08	2.61E-08	1.02E-07	6.36E-08	1.96E-08	8.31E-08	1.51E-08	5.01E-09	2.01E-08	1.17E-08	2.41E-09	1.41E-08
4423	624270.11	4265008.11	7.62E-08	2.62E-08	1.02E-07	6.37E-08	1.96E-08	8.33E-08	1.51E-08	5.02E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
4424	624279.16	4265004.51	7.63E-08	2.62E-08	1.03E-07	6.38E-08	1.96E-08	8.34E-08	1.51E-08	5.03E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
4425	624288.21	4265000.91	7.65E-08	2.63E-08	1.03E-07	6.39E-08	1.97E-08	8.36E-08	1.51E-08	5.04E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
4426	624297.25	4264997.31	7.67E-08	2.64E-08	1.03E-07	6.41E-08	1.97E-08	8.38E-08	1.52E-08	5.05E-09	2.02E-08	1.18E-08	2.43E-09	1.43E-08
4427	624306.3	4264993.71	7.69E-08	2.64E-08	1.03E-07	6.43E-08	1.98E-08	8.40E-08	1.52E-08	5.06E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
4428	624315.35	4264990.11	7.71E-08	2.65E-08	1.04E-07	6.45E-08	1.99E-08	8.43E-08	1.53E-08	5.08E-09	2.03E-08	1.19E-08	2.45E-09	1.43E-08
4429	624324.4	4264986.51	7.74E-08	2.66E-08	1.04E-07	6.47E-08	1.99E-08	8.46E-08	1.53E-08	5.10E-09	2.04E-08	1.19E-08	2.46E-09	1.44E-08
4430	624333.45	4264982.91	7.77E-08	2.67E-08	1.04E-07	6.49E-08	2.00E-08	8.49E-08	1.54E-08	5.12E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
4431	624342.49	4264979.31	7.80E-08	2.68E-08	1.05E-07	6.52E-08	2.01E-08	8.53E-08	1.54E-08	5.14E-09	2.06E-08	1.20E-08	2.48E-09	1.45E-08
4432	624351.54	4264975.71	7.83E-08	2.69E-08	1.05E-07	6.54E-08	2.02E-08	8.56E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
4433	624360.59	4264972.11	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.59E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
4434	623660	4265658.31	5.99E-08	2.06E-08	8.05E-08	5.01E-08	1.54E-08	6.55E-08	1.19E-08	3.95E-09	1.58E-08	9.25E-09	1.90E-09	1.11E-08
4435	623659.86	4265668.21	6.02E-08	2.07E-08	8.09E-08	5.03E-08	1.55E-08	6.59E-08	1.19E-08	3.97E-09	1.59E-08	9.29E-09	1.91E-09	1.12E-08
4436	623659.72	4265678.1	6.05E-08	2.08E-08	8.14E-08	5.06E-08	1.56E-08	6.62E-08	1.20E-08	3.99E-09	1.60E-08	9.34E-09	1.92E-09	1.13E-08
4437	623659.57	4265687.99	6.08E-08	2.09E-08	8.17E-08	5.08E-08	1.57E-08	6.65E-08	1.20E-08	4.01E-09	1.60E-08	9.38E-09	1.93E-09	1.13E-08
4438	623659.43	4265697.88	6.11E-08	2.10E-08	8.21E-08	5.11E-08	1.57E-08	6.68E-08	1.21E-08	4.03E-09	1.61E-08	9.43E-09	1.94E-09	1.14E-08
4439	623659.29	4265707.78	6.14E-08	2.11E-08	8.25E-08	5.13E-08	1.58E-08	6.71E-08	1.21E-08	4.04E-09	1.62E-08	9.47E-09	1.95E-09	1.14E-08
4440	623659.14	4265717.67	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.51E-09	1.96E-09	1.15E-08
4441	623659	4265727.56	6.19E-08	2.13E-08	8.31E-08	5.17E-08	1.59E-08	6.76E-08	1.22E-08	4.08E-09	1.63E-08	9.55E-09	1.96E-09	1.15E-08
4442	623658.86	4265737.45	6.21E-08	2.14E-08	8.35E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.58E-09	1.97E-09	1.16E-08
4443	623658.72	4265747.35	6.23E-08	2.14E-08	8.38E-08	5.21E-08	1.61E-08	6.82E-08	1.23E-08	4.11E-09	1.64E-08	9.62E-09	1.98E-09	1.16E-08
4444	623658.57	4265757.24	6.26E-08	2.15E-08	8.41E-08	5.23E-08	1.61E-08	6.84E-08	1.24E-08	4.12E-09	1.65E-08	9.66E-09	1.99E-09	1.16E-08
4445	623658.43	4265767.13	6.29E-08	2.16E-08	8.45E-08	5.25E-08	1.62E-08	6.87E-08	1.24E-08	4.14E-09	1.66E-08	9.70E-09	1.99E-09	1.17E-08
4446	623658.29	4265777.02	6.31E-08	2.17E-08	8.48E-08	5.28E-08	1.63E-08	6.90E-08	1.25E-08	4.16E-09	1.67E-08	9.74E-09	2.00E-09	1.17E-08
4447	623658.14	4265786.92	6.34E-08	2.18E-08	8.52E-08	5.30E-08	1.63E-08	6.93E-08	1.26E-08	4.18E-09	1.67E-08	9.78E-09	2.01E-09	1.18E-08
4448	623658	4265796.81	6.37E-08	2.19E-08	8.56E-08	5.33E-08	1.64E-08	6.97E-08	1.26E-08	4.20E-09	1.68E-08	9.83E-09	2.02E-09	1.19E-08
4449	623657.86	4265806.7	6.41E-08	2.20E-08	8.61E-08	5.35E-08	1.65E-08	7.00E-08	1.27E-08	4.22E-09	1.69E-08	9.89E-09	2.03E-09	1.19E-08
4450	623657.71	4265816.59	6.44E-08	2.22E-08	8.66E-08	5.39E-08	1.66E-08	7.05E-08	1.28E-08	4.25E-09	1.70E-08	9.94E-09	2.05E-09	1.20E-08
4451	623657.57	4265826.49	6.48E-08	2.23E-08	8.71E-08	5.42E-08	1.67E-08	7.09E-08	1.28E-08	4.27E-09	1.71E-08	1.00E-08	2.06E-09	1.21E-08
4452	623657.43	4265836.38	6.53E-08	2.25E-08	8.77E-08	5.46E-08	1.68E-08	7.14E-08	1.29E-08	4.30E-09	1.72E-08	1.01E-08	2.07E-09	1.21E-08
4453	623657.28	4265846.27	6.58E-08	2.26E-08	8.84E-08	5.50E-08	1.69E-08	7.19E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.09E-09	1.22E-08
4454	623657.14	4265856.16	6.63E-08	2.28E-08	8.91E-08	5.54E-08	1.71E-08	7.25E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
4455	623657	4265866.06	6.68E-08	2.30E-08	8.98E-08	5.59E-08	1.72E-08	7.31E-08	1.32E-08	4.40E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
4456	623656.85	4265875.95	6.74E-08	2.32E-08	9.06E-08	5.64E-08	1.74E-08	7.37E-08	1.33E-08	4.44E-09	1.78E-08	1.04E-08	2.14E-09	1.25E-08
4457	623656.71	4265885.84	6.80E-08	2.34E-08	9.14E-08	5.69E-08	1.75E-08	7.44E-08	1.35E-08	4.48E-09	1.80E-08	1.05E-08	2.16E-09	1.27E-08
4458	623656.57	4265895.73	6.87E-08	2.36E-08	9.23E-08	5.74E-08	1.77E-08	7.51E-08	1.36E-08	4.53E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
4459	623656.43	4265905.63	6.94E-08	2.39E-08	9.32E-08	5.80E-08	1.79E-08	7.58E-08	1.37E-08	4.57E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
4460	623656.28	4265915.52	7.01E-08	2.41E-08	9.41E-08	5.86E-08	1.80E-08	7.66E-08	1.39E-08	4.62E-09	1.85E-08	1.08E-08	2.22E-09	1.30E-08

4461	623656.14	4265925.41	7.08E-08	2.43E-08	9.51E-08	5.91E-08	1.82E-08	7.74E-08	1.40E-08	4.66E-09	1.87E-08	1.09E-08	2.25E-09	1.32E-08
4462	623656	4265935.3	7.15E-08	2.46E-08	9.60E-08	5.97E-08	1.84E-08	7.81E-08	1.41E-08	4.71E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
4463	623655.85	4265945.2	7.22E-08	2.48E-08	9.70E-08	6.03E-08	1.86E-08	7.89E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
4464	623655.71	4265955.09	7.28E-08	2.50E-08	9.79E-08	6.09E-08	1.88E-08	7.96E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.36E-08
4465	623655.57	4265964.98	7.35E-08	2.53E-08	9.88E-08	6.14E-08	1.89E-08	8.04E-08	1.45E-08	4.84E-09	1.94E-08	1.13E-08	2.33E-09	1.37E-08
4466	623655.42	4265974.87	7.41E-08	2.55E-08	9.96E-08	6.20E-08	1.91E-08	8.11E-08	1.47E-08	4.89E-09	1.96E-08	1.14E-08	2.35E-09	1.38E-08
4467	623638.18	4265475.55	5.27E-08	1.81E-08	7.08E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.13E-09	1.67E-09	9.80E-09
4468	623642.08	4265466.49	5.28E-08	1.82E-08	7.10E-08	4.42E-08	1.36E-08	5.78E-08	1.05E-08	3.48E-09	1.39E-08	8.15E-09	1.68E-09	9.83E-09
4469	623645.99	4265457.42	5.30E-08	1.82E-08	7.12E-08	4.43E-08	1.36E-08	5.79E-08	1.05E-08	3.49E-09	1.40E-08	8.17E-09	1.68E-09	9.85E-09
4470	623649.9	4265448.36	5.31E-08	1.83E-08	7.14E-08	4.44E-08	1.37E-08	5.81E-08	1.05E-08	3.50E-09	1.40E-08	8.20E-09	1.69E-09	9.88E-09
4471	623653.81	4265439.29	5.32E-08	1.83E-08	7.16E-08	4.45E-08	1.37E-08	5.82E-08	1.05E-08	3.51E-09	1.40E-08	8.22E-09	1.69E-09	9.91E-09
4472	623657.72	4265430.23	5.34E-08	1.84E-08	7.17E-08	4.46E-08	1.37E-08	5.84E-08	1.06E-08	3.52E-09	1.41E-08	8.24E-09	1.69E-09	9.93E-09
4473	623661.62	4265421.16	5.35E-08	1.84E-08	7.19E-08	4.47E-08	1.38E-08	5.85E-08	1.06E-08	3.53E-09	1.41E-08	8.26E-09	1.70E-09	9.95E-09
4474	623665.53	4265412.09	5.36E-08	1.84E-08	7.21E-08	4.48E-08	1.38E-08	5.86E-08	1.06E-08	3.53E-09	1.41E-08	8.27E-09	1.70E-09	9.98E-09
4475	623669.44	4265403.03	5.38E-08	1.85E-08	7.22E-08	4.49E-08	1.38E-08	5.88E-08	1.06E-08	3.54E-09	1.42E-08	8.29E-09	1.71E-09	1.00E-08
4476	623673.35	4265393.96	5.39E-08	1.85E-08	7.24E-08	4.50E-08	1.39E-08	5.89E-08	1.07E-08	3.55E-09	1.42E-08	8.31E-09	1.71E-09	1.00E-08
4477	623677.26	4265384.9	5.40E-08	1.86E-08	7.25E-08	4.51E-08	1.39E-08	5.90E-08	1.07E-08	3.56E-09	1.42E-08	8.33E-09	1.71E-09	1.00E-08
4478	623681.16	4265375.83	5.41E-08	1.86E-08	7.26E-08	4.52E-08	1.39E-08	5.91E-08	1.07E-08	3.56E-09	1.43E-08	8.34E-09	1.72E-09	1.01E-08
4479	623685.07	4265366.77	5.41E-08	1.86E-08	7.27E-08	4.52E-08	1.39E-08	5.92E-08	1.07E-08	3.57E-09	1.43E-08	8.35E-09	1.72E-09	1.01E-08
4480	623688.98	4265357.7	5.42E-08	1.86E-08	7.28E-08	4.53E-08	1.39E-08	5.92E-08	1.07E-08	3.57E-09	1.43E-08	8.36E-09	1.72E-09	1.01E-08
4481	623692.89	4265348.64	5.42E-08	1.86E-08	7.28E-08	4.53E-08	1.40E-08	5.92E-08	1.07E-08	3.57E-09	1.43E-08	8.36E-09	1.72E-09	1.01E-08
4482	623696.8	4265339.57	5.42E-08	1.86E-08	7.28E-08	4.53E-08	1.39E-08	5.92E-08	1.07E-08	3.57E-09	1.43E-08	8.36E-09	1.72E-09	1.01E-08
4483	623700.7	4265330.5	5.41E-08	1.86E-08	7.27E-08	4.52E-08	1.39E-08	5.92E-08	1.07E-08	3.57E-09	1.43E-08	8.35E-09	1.72E-09	1.01E-08
4484	623704.61	4265321.44	5.41E-08	1.86E-08	7.27E-08	4.52E-08	1.39E-08	5.91E-08	1.07E-08	3.56E-09	1.43E-08	8.34E-09	1.72E-09	1.01E-08
4485	623708.52	4265312.37	5.40E-08	1.86E-08	7.25E-08	4.51E-08	1.39E-08	5.90E-08	1.07E-08	3.56E-09	1.42E-08	8.33E-09	1.71E-09	1.00E-08
4486	623712.43	4265303.31	5.39E-08	1.85E-08	7.24E-08	4.50E-08	1.39E-08	5.89E-08	1.07E-08	3.55E-09	1.42E-08	8.31E-09	1.71E-09	1.00E-08
4487	623716.34	4265294.24	5.37E-08	1.85E-08	7.22E-08	4.49E-08	1.38E-08	5.87E-08	1.06E-08	3.54E-09	1.42E-08	8.29E-09	1.70E-09	9.99E-09
4488	623720.25	4265285.18	5.36E-08	1.84E-08	7.20E-08	4.48E-08	1.38E-08	5.86E-08	1.06E-08	3.53E-09	1.41E-08	8.26E-09	1.70E-09	9.96E-09
4489	623724.15	4265276.11	5.34E-08	1.84E-08	7.17E-08	4.46E-08	1.37E-08	5.84E-08	1.06E-08	3.52E-09	1.41E-08	8.24E-09	1.69E-09	9.93E-09
4490	623728.06	4265267.04	5.32E-08	1.83E-08	7.15E-08	4.44E-08	1.37E-08	5.81E-08	1.05E-08	3.50E-09	1.40E-08	8.20E-09	1.69E-09	9.89E-09
4491	623731.97	4265257.98	5.30E-08	1.82E-08	7.12E-08	4.43E-08	1.36E-08	5.79E-08	1.05E-08	3.49E-09	1.40E-08	8.17E-09	1.68E-09	9.85E-09
4492	623735.88	4265248.91	5.27E-08	1.81E-08	7.09E-08	4.41E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.14E-09	1.67E-09	9.81E-09
4493	623739.79	4265239.85	5.25E-08	1.81E-08	7.05E-08	4.39E-08	1.35E-08	5.74E-08	1.04E-08	3.46E-09	1.38E-08	8.10E-09	1.67E-09	9.77E-09
4494	623743.69	4265230.78	5.23E-08	1.80E-08	7.02E-08	4.37E-08	1.35E-08	5.71E-08	1.03E-08	3.44E-09	1.38E-08	8.06E-09	1.66E-09	9.72E-09
4495	623747.6	4265221.72	5.20E-08	1.79E-08	6.99E-08	4.35E-08	1.34E-08	5.69E-08	1.03E-08	3.43E-09	1.37E-08	8.02E-09	1.65E-09	9.68E-09
4496	623751.51	4265212.65	5.18E-08	1.78E-08	6.96E-08	4.33E-08	1.33E-08	5.66E-08	1.02E-08	3.41E-09	1.37E-08	7.99E-09	1.64E-09	9.63E-09
4497	623755.42	4265203.59	5.15E-08	1.77E-08	6.93E-08	4.31E-08	1.33E-08	5.63E-08	1.02E-08	3.40E-09	1.36E-08	7.95E-09	1.64E-09	9.59E-09
4498	623759.33	4265194.52	5.13E-08	1.76E-08	6.90E-08	4.29E-08	1.32E-08	5.61E-08	1.02E-08	3.38E-09	1.35E-08	7.92E-09	1.63E-09	9.55E-09
4499	623763.23	4265185.45	5.11E-08	1.76E-08	6.87E-08	4.27E-08	1.32E-08	5.59E-08	1.01E-08	3.37E-09	1.35E-08	7.89E-09	1.62E-09	9.51E-09
4500	623767.14	4265176.39	5.09E-08	1.75E-08	6.84E-08	4.25E-08	1.31E-08	5.57E-08	1.01E-08	3.35E-09	1.34E-08	7.85E-09	1.62E-09	9.47E-09
4501	623771.05	4265167.32	5.07E-08	1.74E-08	6.82E-08	4.24E-08	1.31E-08	5.54E-08	1.00E-08	3.34E-09	1.34E-08	7.83E-09	1.61E-09	9.44E-09
4502	623774.96	4265158.26	5.05E-08	1.74E-08	6.79E-08	4.22E-08	1.30E-08	5.53E-08	1.00E-08	3.33E-09	1.33E-08	7.80E-09	1.60E-09	9.40E-09
4503	623778.87	4265149.19	5.04E-08	1.73E-08	6.77E-08	4.21E-08	1.30E-08	5.51E-08	9.97E-09	3.32E-09	1.33E-08	7.77E-09	1.60E-09	9.37E-09
4504	623782.77	4265140.13	5.02E-08	1.73E-08	6.75E-08	4.20E-08	1.29E-08	5.49E-08	9.94E-09	3.31E-09	1.33E-08	7.75E-09	1.59E-09	9.35E-09
4505	623786.68	4265131.06	5.01E-08	1.72E-08	6.73E-08	4.19E-08	1.29E-08	5.48E-08	9.92E-09	3.30E-09	1.32E-08	7.73E-09	1.59E-09	9.32E-09
4506	623790.59	4265121.99	5.00E-08	1.72E-08	6.72E-08	4.18E-08	1.29E-08	5.46E-08	9.89E-09	3.29E-09	1.32E-08	7.71E-09	1.59E-09	9.30E-09
4507	623794.5	4265112.93	4.99E-08	1.72E-08	6.70E-08	4.17E-08	1.28E-08	5.45E-08	9.87E-09	3.29E-09	1.32E-08	7.70E-09	1.58E-09	9.28E-09
4508	623798.41	4265103.86	4.98E-08	1.71E-08	6.69E-08	4.16E-08	1.28E-08	5.44E-08	9.85E-09	3.28E-09	1.31E-08	7.68E-09	1.58E-09	9.26E-09
4509	623811.49	4265091.15	5.02E-08	1.73E-08	6.75E-08	4.20E-08	1.29E-08	5.49E-08	9.94E-09	3.31E-09	1.32E-08	7.75E-09	1.59E-09	9.34E-09
4510	623820.66	4265087.5	5.07E-08	1.74E-08	6.82E-08	4.24E-08	1.31E-08	5.54E-08	1.00E-08	3.34E-09	1.34E-08	7.83E-09	1.61E-09	9.44E-09
4511	623829.83	4265083.85	5.12E-08	1.76E-08	6.89E-08	4.28E-08	1.32E-08	5.60E-08	1.01E-08	3.38E-09	1.35E-08	7.91E-09	1.63E-09	9.53E-09
4512	623839.01	4265080.2	5.18E-08	1.78E-08	6.96E-08	4.33E-08	1.33E-08	5.66E-08	1.03E-08	3.41E-09	1.37E-08	7.99E-09	1.64E-09	9.64E-09
4513	623848.18	4265076.55	5.24E-08	1.80E-08	7.04E-08	4.38E-08	1.35E-08	5.72E-08	1.04E-08	3.45E-09	1.38E-08	8.08E-09	1.66E-09	9.74E-09
4514	623857.35	4265072.9	5.29E-08	1.82E-08	7.11E-08	4.42E-08	1.36E-08	5.79E-08	1.05E-08	3.49E-09	1.40E-08	8.17E-09	1.68E-09	9.85E-09
4515	623866.52	4265069.25	5.35E-08	1.84E-08	7.19E-08	4.47E-08	1.38E-08	5.85E-08	1.06E-08	3.53E-09	1.41E-08	8.26E-09	1.70E-09	9.96E-09
4516	623875.7	4265065.6	5.41E-08	1.86E-08	7.27E-08	4.52E-08	1.39E-08	5.92E-08	1.07E-08	3.57E-09	1.43E-08	8.35E-09	1.72E-09	1.01E-08
4517	623884.87	4265061.95	5.47E-08	1.88E-08	7.35E-08	4.57E-08	1.41E-08	5.98E-08	1.08E-08	3.61E-09	1.44E-08	8.44E-09	1.74E-09	1.02E-08
4518	623894.04	4265058.3	5.53E-08	1.90E-08	7.44E-08	4.63E-08	1.42E-08	6.05E-08	1.10E-08	3.65E-09	1.46E-08	8.54E-09	1.76E-09	1.03E-08
4519	623903.21	4265054.65	5.60E-08	1.92E-08	7.52E-08	4.68E-08	1.44E-08	6.12E-08	1.11E-08	3.69E-09	1.48E-08	8.64E-09	1.78E-09	1.04E-08
4520	623912.39	4265051	5.66E-08	1.95E-08	7.61E-08	4.73E-08	1.46E-08	6.19E-08	1.12E-08	3.73E-09	1.49E-08	8.73E-09	1.80E-09	1.05E-08
4521	623921.56	4265047.35	5.72E-08	1.97E-08	7.69E-08	4.78E-08	1.47E-08	6.26E-08	1.13E-08	3.77E-09	1.51E-08	8.83E-09	1.82E-09	1.06E-08
4522	623930.73	4265043.7	5.79E-08	1.99E-08	7.78E-08	4.84E-08	1.49E-08	6.33E-08	1.15E-08	3.81E-09	1.53E-08	8.93E-09	1.84E-09	1.08E-08
4523	623939.91	4265040.05	5.85E-08	2.01E-08	7.86E-08	4.89E-08	1.51E-08	6.40E-08	1.16E-08	3.86E-09	1.54E-08	9.03E-09	1.86E-09	1.09E-08
4524	623949.08	4265036.4	5.92E-08	2.04E-08	7.95E-08	4.95E-08	1.52E-08	6.47E-08	1.17E-08	3.90E-09	1.56E-08	9.13E-09	1.88E-09	1.10E-08
4525	623958.25	4265032.75	5.98E-08	2.06E-08	8.04E-08	5.00E-08	1.54E-08	6.54E-08	1.18E-08	3.94E-09	1.58E-08	9.23E-09	1.90E-09	1.11E-08
4526	623967.42	4265029.1	6.05E-08	2.08E-08	8.13E-08	5.06E-08	1.56E-08	6.61E-08	1.20E-08	3.98E-09	1.60E-08	9.33E-09	1.92E-09	1.13E-08
4527	623976.6	4265025.45	6.11E-08	2.10E-08	8.21E-08	5.11E-08	1.57E-08	6.68E-08	1.21E-08	4.02E-09	1.61E-08	9.43E-09	1.94E-09	1.14E-08
4528	623985.77	4265021.8	6.17E-08	2.12E-08	8.29E-08	5.16E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.52E-09	1.96E-09	1.15E-08
4529	623994.94	4265018.15	6.23E-08	2.14E-08	8.37E-08	5.20E-08	1.60E-08	6.81E-08	1.23E-08	4.10E-09	1.64E-08	9.61E-09	1.98E-09	1.16E-08
4530	624004.11	4265014.5	6.28E-08	2.16E-08	8.44E-08	5.25E-08	1.62E-08	6.87E-08	1.24E-08	4.14E-09	1.66E-08	9.69E-09	1.99E-09	1.17E-08
4531	624013.29	4265010.85	6.33E-08	2.18E-08	8.51E-08	5.29E-08	1.63E-08	6.92E-08	1.25E-08	4.17E-09	1.67E-08	9.77E-09	2.01E-09	1.18E-08
4532	624022.46	4265007.21	6.38E-08	2.20E-08	8.58E-08	5.34E-08	1.64E-08	6.98E-08	1.26E-08	4.21E-09	1.68E-08	9.85E-09	2.03E-09	1.19E-08

4533	624031.63	4265003.56	6.43E-08	2.21E-08	8.64E-08	5.37E-08	1.66E-08	7.03E-08	1.27E-08	4.24E-09	1.70E-08	9.92E-09	2.04E-09	1.20E-08
4534	624040.8	4264999.91	6.47E-08	2.23E-08	8.70E-08	5.41E-08	1.67E-08	7.08E-08	1.28E-08	4.27E-09	1.71E-08	9.99E-09	2.05E-09	1.20E-08
4535	624049.98	4264996.26	6.51E-08	2.24E-08	8.75E-08	5.44E-08	1.68E-08	7.12E-08	1.29E-08	4.29E-09	1.72E-08	1.01E-08	2.07E-09	1.21E-08
4536	624059.15	4264992.61	6.55E-08	2.25E-08	8.80E-08	5.47E-08	1.69E-08	7.16E-08	1.30E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4537	624068.32	4264988.96	6.58E-08	2.26E-08	8.84E-08	5.50E-08	1.69E-08	7.19E-08	1.30E-08	4.33E-09	1.74E-08	1.02E-08	2.09E-09	1.22E-08
4538	624077.5	4264985.31	6.61E-08	2.27E-08	8.88E-08	5.52E-08	1.70E-08	7.22E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
4539	624086.67	4264981.66	6.63E-08	2.28E-08	8.90E-08	5.54E-08	1.71E-08	7.24E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
4540	624095.84	4264978.01	6.64E-08	2.28E-08	8.93E-08	5.55E-08	1.71E-08	7.26E-08	1.31E-08	4.38E-09	1.75E-08	1.02E-08	2.11E-09	1.24E-08
4541	624105.01	4264974.36	6.65E-08	2.29E-08	8.94E-08	5.56E-08	1.71E-08	7.27E-08	1.32E-08	4.38E-09	1.75E-08	1.03E-08	2.11E-09	1.24E-08
4542	624114.19	4264970.71	6.66E-08	2.29E-08	8.95E-08	5.56E-08	1.71E-08	7.28E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
4543	624123.36	4264967.06	6.66E-08	2.29E-08	8.95E-08	5.57E-08	1.71E-08	7.28E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
4544	624132.53	4264963.41	6.66E-08	2.29E-08	8.95E-08	5.57E-08	1.71E-08	7.28E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
4545	624141.7	4264959.76	6.66E-08	2.29E-08	8.95E-08	5.56E-08	1.71E-08	7.28E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
4546	624150.88	4264956.11	6.65E-08	2.29E-08	8.93E-08	5.56E-08	1.71E-08	7.27E-08	1.32E-08	4.38E-09	1.75E-08	1.03E-08	2.11E-09	1.24E-08
4547	624160.05	4264952.46	6.63E-08	2.28E-08	8.91E-08	5.54E-08	1.71E-08	7.25E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.11E-09	1.23E-08
4548	624169.22	4264948.81	6.62E-08	2.28E-08	8.89E-08	5.53E-08	1.70E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
4549	624178.4	4264945.16	6.60E-08	2.27E-08	8.87E-08	5.52E-08	1.70E-08	7.22E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
4550	624187.57	4264941.51	6.59E-08	2.27E-08	8.85E-08	5.51E-08	1.70E-08	7.20E-08	1.30E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
4551	624196.74	4264937.86	6.58E-08	2.26E-08	8.84E-08	5.50E-08	1.69E-08	7.19E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.09E-09	1.22E-08
4552	624205.91	4264934.21	6.56E-08	2.26E-08	8.82E-08	5.49E-08	1.69E-08	7.18E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4553	624215.09	4264930.56	6.55E-08	2.25E-08	8.81E-08	5.48E-08	1.69E-08	7.16E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4554	624224.26	4264926.91	6.55E-08	2.25E-08	8.80E-08	5.47E-08	1.69E-08	7.16E-08	1.30E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4555	624233.43	4264923.26	6.54E-08	2.25E-08	8.79E-08	5.47E-08	1.68E-08	7.15E-08	1.29E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4556	624242.6	4264919.61	6.54E-08	2.25E-08	8.79E-08	5.47E-08	1.68E-08	7.15E-08	1.29E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4557	624251.78	4264915.96	6.54E-08	2.25E-08	8.79E-08	5.47E-08	1.68E-08	7.15E-08	1.29E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4558	624260.95	4264912.31	6.55E-08	2.25E-08	8.80E-08	5.47E-08	1.69E-08	7.16E-08	1.30E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4559	624270.12	4264908.66	6.56E-08	2.25E-08	8.81E-08	5.48E-08	1.69E-08	7.17E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4560	624279.3	4264905.01	6.57E-08	2.26E-08	8.82E-08	5.49E-08	1.69E-08	7.18E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
4561	624288.47	4264901.36	6.58E-08	2.26E-08	8.84E-08	5.50E-08	1.69E-08	7.19E-08	1.30E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.22E-08
4562	624297.64	4264897.71	6.60E-08	2.27E-08	8.86E-08	5.51E-08	1.70E-08	7.21E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
4563	624306.81	4264894.06	6.61E-08	2.27E-08	8.89E-08	5.53E-08	1.70E-08	7.23E-08	1.31E-08	4.36E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
4564	624315.99	4264890.42	6.63E-08	2.28E-08	8.92E-08	5.54E-08	1.71E-08	7.25E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.11E-09	1.23E-08
4565	624325.16	4264886.77	6.66E-08	2.29E-08	8.94E-08	5.56E-08	1.71E-08	7.28E-08	1.32E-08	4.38E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
4566	624334.33	4264883.12	6.68E-08	2.30E-08	8.98E-08	5.58E-08	1.72E-08	7.30E-08	1.32E-08	4.40E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
4567	624343.5	4264879.47	6.71E-08	2.31E-08	9.01E-08	5.61E-08	1.73E-08	7.33E-08	1.33E-08	4.42E-09	1.77E-08	1.03E-08	2.13E-09	1.25E-08
4568	624352.68	4264875.82	6.73E-08	2.32E-08	9.05E-08	5.63E-08	1.73E-08	7.36E-08	1.33E-08	4.44E-09	1.78E-08	1.04E-08	2.14E-09	1.25E-08
4569	624361.85	4264872.17	6.76E-08	2.32E-08	9.08E-08	5.65E-08	1.74E-08	7.39E-08	1.34E-08	4.45E-09	1.78E-08	1.04E-08	2.14E-09	1.26E-08
4570	623666.41	4265176.66	4.57E-08	1.57E-08	6.14E-08	3.82E-08	1.18E-08	5.00E-08	9.05E-09	3.01E-09	1.21E-08	7.05E-09	1.45E-09	8.50E-09
4571	623670.31	4265167.62	4.55E-08	1.56E-08	6.11E-08	3.80E-08	1.17E-08	4.97E-08	9.00E-09	3.00E-09	1.20E-08	7.02E-09	1.44E-09	8.46E-09
4572	623674.2	4265158.59	4.53E-08	1.56E-08	6.08E-08	3.78E-08	1.17E-08	4.95E-08	8.96E-09	2.98E-09	1.19E-08	6.98E-09	1.44E-09	8.42E-09
4573	623678.1	4265149.56	4.50E-08	1.55E-08	6.05E-08	3.76E-08	1.16E-08	4.92E-08	8.91E-09	2.97E-09	1.19E-08	6.95E-09	1.43E-09	8.38E-09
4574	623681.99	4265140.52	4.48E-08	1.54E-08	6.02E-08	3.75E-08	1.15E-08	4.90E-08	8.87E-09	2.95E-09	1.18E-08	6.92E-09	1.42E-09	8.34E-09
4575	623685.88	4265131.49	4.46E-08	1.53E-08	6.00E-08	3.73E-08	1.15E-08	4.88E-08	8.83E-09	2.94E-09	1.18E-08	6.89E-09	1.42E-09	8.30E-09
4576	623689.78	4265122.46	4.44E-08	1.53E-08	5.97E-08	3.71E-08	1.14E-08	4.86E-08	8.79E-09	2.93E-09	1.17E-08	6.86E-09	1.41E-09	8.27E-09
4577	623693.67	4265113.43	4.43E-08	1.52E-08	5.95E-08	3.70E-08	1.14E-08	4.84E-08	8.76E-09	2.92E-09	1.17E-08	6.83E-09	1.40E-09	8.23E-09
4578	623697.57	4265104.39	4.41E-08	1.52E-08	5.92E-08	3.68E-08	1.13E-08	4.82E-08	8.72E-09	2.90E-09	1.16E-08	6.80E-09	1.40E-09	8.20E-09
4579	623701.46	4265095.36	4.39E-08	1.51E-08	5.90E-08	3.67E-08	1.13E-08	4.80E-08	8.69E-09	2.89E-09	1.16E-08	6.78E-09	1.39E-09	8.17E-09
4580	623705.35	4265086.33	4.38E-08	1.50E-08	5.88E-08	3.66E-08	1.13E-08	4.78E-08	8.66E-09	2.88E-09	1.15E-08	6.75E-09	1.39E-09	8.14E-09
4581	623709.25	4265077.29	4.36E-08	1.50E-08	5.86E-08	3.65E-08	1.12E-08	4.77E-08	8.64E-09	2.87E-09	1.15E-08	6.73E-09	1.38E-09	8.12E-09
4582	623713.14	4265068.26	4.35E-08	1.50E-08	5.85E-08	3.64E-08	1.12E-08	4.76E-08	8.61E-09	2.87E-09	1.15E-08	6.71E-09	1.38E-09	8.09E-09
4583	623717.04	4265059.23	4.34E-08	1.49E-08	5.83E-08	3.63E-08	1.12E-08	4.75E-08	8.59E-09	2.86E-09	1.15E-08	6.70E-09	1.38E-09	8.08E-09
4584	623720.93	4265050.19	4.33E-08	1.49E-08	5.82E-08	3.62E-08	1.12E-08	4.74E-08	8.58E-09	2.85E-09	1.14E-08	6.69E-09	1.37E-09	8.06E-09
4585	623724.82	4265041.16	4.33E-08	1.49E-08	5.81E-08	3.62E-08	1.11E-08	4.73E-08	8.56E-09	2.85E-09	1.14E-08	6.67E-09	1.37E-09	8.05E-09
4586	623728.72	4265032.13	4.32E-08	1.49E-08	5.81E-08	3.61E-08	1.11E-08	4.72E-08	8.55E-09	2.85E-09	1.14E-08	6.67E-09	1.37E-09	8.04E-09
4587	623741.75	4265019.46	4.36E-08	1.50E-08	5.85E-08	3.64E-08	1.12E-08	4.76E-08	8.62E-09	2.87E-09	1.15E-08	6.72E-09	1.38E-09	8.10E-09
4588	623750.89	4265015.82	4.40E-08	1.51E-08	5.91E-08	3.68E-08	1.13E-08	4.81E-08	8.71E-09	2.90E-09	1.16E-08	6.79E-09	1.40E-09	8.18E-09
4589	623760.03	4265012.18	4.44E-08	1.53E-08	5.97E-08	3.71E-08	1.14E-08	4.86E-08	8.80E-09	2.93E-09	1.17E-08	6.86E-09	1.41E-09	8.27E-09
4590	623769.17	4265008.55	4.49E-08	1.54E-08	6.04E-08	3.75E-08	1.16E-08	4.91E-08	8.89E-09	2.96E-09	1.18E-08	6.93E-09	1.43E-09	8.36E-09
4591	623778.31	4265004.91	4.54E-08	1.56E-08	6.10E-08	3.80E-08	1.17E-08	4.96E-08	8.99E-09	2.99E-09	1.20E-08	7.01E-09	1.44E-09	8.45E-09
4592	623787.45	4265001.27	4.59E-08	1.58E-08	6.17E-08	3.84E-08	1.18E-08	5.02E-08	9.08E-09	3.02E-09	1.21E-08	7.08E-09	1.46E-09	8.54E-09
4593	623796.59	4264997.64	4.64E-08	1.59E-08	6.23E-08	3.88E-08	1.19E-08	5.07E-08	9.18E-09	3.06E-09	1.22E-08	7.16E-09	1.47E-09	8.63E-09
4594	623805.73	4264994	4.69E-08	1.61E-08	6.30E-08	3.92E-08	1.21E-08	5.13E-08	9.28E-09	3.09E-09	1.24E-08	7.23E-09	1.49E-09	8.72E-09
4595	623814.87	4264990.36	4.74E-08	1.63E-08	6.37E-08	3.96E-08	1.22E-08	5.18E-08	9.38E-09	3.12E-09	1.25E-08	7.31E-09	1.50E-09	8.82E-09
4596	623824.01	4264986.73	4.79E-08	1.65E-08	6.44E-08	4.00E-08	1.23E-08	5.24E-08	9.48E-09	3.16E-09	1.26E-08	7.39E-09	1.52E-09	8.91E-09
4597	623833.15	4264983.09	4.84E-08	1.67E-08	6.51E-08	4.05E-08	1.25E-08	5.29E-08	9.58E-09	3.19E-09	1.28E-08	7.47E-09	1.54E-09	9.01E-09
4598	623842.29	4264979.45	4.89E-08	1.68E-08	6.58E-08	4.09E-08	1.26E-08	5.35E-08	9.69E-09	3.22E-09	1.29E-08	7.55E-09	1.55E-09	9.11E-09
4599	623851.43	4264975.82	4.95E-08	1.70E-08	6.65E-08	4.13E-08	1.27E-08	5.41E-08	9.79E-09	3.26E-09	1.31E-08	7.63E-09	1.57E-09	9.20E-09
4600	623860.57	4264972.18	5.00E-08	1.72E-08	6.72E-08	4.18E-08	1.29E-08	5.47E-08	9.90E-09	3.29E-09	1.32E-08	7.72E-09	1.59E-09	9.30E-09
4601	623869.71	4264968.54	5.05E-08	1.74E-08	6.79E-08	4.22E-08	1.30E-08	5.52E-08	1.00E-08	3.33E-09	1.33E-08	7.80E-09	1.60E-09	9.40E-09
4602	623878.85	4264964.91	5.11E-08	1.76E-08	6.86E-08	4.27E-08	1.31E-08	5.58E-08	1.01E-08	3.36E-09	1.35E-08	7.88E-09	1.62E-09	9.50E-09
4603	623887.99	4264961.27	5.16E-08	1.77E-08	6.93E-08	4.31E-08	1.33E-08	5.64E-08	1.02E-08	3.40E-09	1.36E-08	7.96E-09	1.64E-09	9.60E-09
4604	623897.13	4264957.63	5.21E-08	1.79E-08	7.00E-08	4.36E-08	1.34E-08	5.70E-08	1.03E-08	3.43E-09	1.38E-08	8.04E-09	1.65E-09	9.70E-09

4605	623906.27	4264954	5.26E-08	1.81E-08	7.08E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.12E-09	1.67E-09	9.79E-09
4606	623915.41	4264950.36	5.32E-08	1.83E-08	7.14E-08	4.44E-08	1.37E-08	5.81E-08	1.05E-08	3.50E-09	1.40E-08	8.20E-09	1.69E-09	9.89E-09
4607	623924.55	4264946.72	5.37E-08	1.85E-08	7.21E-08	4.49E-08	1.38E-08	5.87E-08	1.06E-08	3.54E-09	1.42E-08	8.28E-09	1.70E-09	9.98E-09
4608	623933.69	4264943.09	5.42E-08	1.86E-08	7.28E-08	4.53E-08	1.39E-08	5.92E-08	1.07E-08	3.57E-09	1.43E-08	8.36E-09	1.72E-09	1.01E-08
4609	623942.83	4264939.45	5.47E-08	1.88E-08	7.35E-08	4.57E-08	1.41E-08	5.98E-08	1.08E-08	3.60E-09	1.44E-08	8.44E-09	1.74E-09	1.02E-08
4610	623951.97	4264935.81	5.52E-08	1.90E-08	7.42E-08	4.61E-08	1.42E-08	6.03E-08	1.09E-08	3.64E-09	1.46E-08	8.52E-09	1.75E-09	1.03E-08
4611	623961.11	4264932.18	5.57E-08	1.91E-08	7.48E-08	4.65E-08	1.43E-08	6.09E-08	1.10E-08	3.67E-09	1.47E-08	8.59E-09	1.77E-09	1.04E-08
4612	623970.25	4264928.54	5.61E-08	1.93E-08	7.54E-08	4.69E-08	1.45E-08	6.14E-08	1.11E-08	3.70E-09	1.48E-08	8.66E-09	1.78E-09	1.04E-08
4613	623979.39	4264924.9	5.65E-08	1.94E-08	7.60E-08	4.73E-08	1.46E-08	6.18E-08	1.12E-08	3.73E-09	1.49E-08	8.73E-09	1.79E-09	1.05E-08
4614	623988.53	4264921.27	5.69E-08	1.96E-08	7.65E-08	4.76E-08	1.47E-08	6.23E-08	1.13E-08	3.75E-09	1.50E-08	8.79E-09	1.81E-09	1.06E-08
4615	623997.67	4264917.63	5.73E-08	1.97E-08	7.70E-08	4.79E-08	1.48E-08	6.27E-08	1.13E-08	3.78E-09	1.51E-08	8.84E-09	1.82E-09	1.07E-08
4616	624006.81	4264913.99	5.76E-08	1.98E-08	7.75E-08	4.82E-08	1.48E-08	6.30E-08	1.14E-08	3.80E-09	1.52E-08	8.90E-09	1.83E-09	1.07E-08
4617	624015.95	4264910.36	5.79E-08	1.99E-08	7.79E-08	4.84E-08	1.49E-08	6.34E-08	1.15E-08	3.82E-09	1.53E-08	8.94E-09	1.84E-09	1.08E-08
4618	624025.09	4264906.72	5.82E-08	2.00E-08	7.82E-08	4.87E-08	1.50E-08	6.36E-08	1.15E-08	3.84E-09	1.54E-08	8.98E-09	1.85E-09	1.08E-08
4619	624034.23	4264903.08	5.84E-08	2.01E-08	7.85E-08	4.89E-08	1.50E-08	6.39E-08	1.16E-08	3.85E-09	1.54E-08	9.02E-09	1.85E-09	1.09E-08
4620	624043.37	4264899.45	5.86E-08	2.02E-08	7.88E-08	4.90E-08	1.51E-08	6.41E-08	1.16E-08	3.86E-09	1.55E-08	9.05E-09	1.86E-09	1.09E-08
4621	624052.51	4264895.81	5.88E-08	2.02E-08	7.90E-08	4.91E-08	1.51E-08	6.43E-08	1.16E-08	3.87E-09	1.55E-08	9.07E-09	1.87E-09	1.09E-08
4622	624061.65	4264892.17	5.89E-08	2.02E-08	7.91E-08	4.92E-08	1.52E-08	6.44E-08	1.17E-08	3.88E-09	1.55E-08	9.09E-09	1.87E-09	1.10E-08
4623	624070.79	4264888.54	5.89E-08	2.03E-08	7.92E-08	4.93E-08	1.52E-08	6.44E-08	1.17E-08	3.88E-09	1.55E-08	9.09E-09	1.87E-09	1.10E-08
4624	624079.93	4264884.9	5.89E-08	2.03E-08	7.92E-08	4.93E-08	1.52E-08	6.44E-08	1.17E-08	3.88E-09	1.56E-08	9.10E-09	1.87E-09	1.10E-08
4625	624089.07	4264881.26	5.89E-08	2.03E-08	7.92E-08	4.92E-08	1.52E-08	6.44E-08	1.17E-08	3.88E-09	1.55E-08	9.09E-09	1.87E-09	1.10E-08
4626	624098.21	4264877.63	5.88E-08	2.02E-08	7.91E-08	4.92E-08	1.52E-08	6.43E-08	1.16E-08	3.88E-09	1.55E-08	9.08E-09	1.87E-09	1.09E-08
4627	624107.35	4264873.99	5.87E-08	2.02E-08	7.89E-08	4.91E-08	1.51E-08	6.42E-08	1.16E-08	3.87E-09	1.55E-08	9.06E-09	1.86E-09	1.09E-08
4628	624116.49	4264870.35	5.86E-08	2.02E-08	7.88E-08	4.90E-08	1.51E-08	6.41E-08	1.16E-08	3.86E-09	1.55E-08	9.04E-09	1.86E-09	1.09E-08
4629	624125.63	4264866.72	5.85E-08	2.01E-08	7.86E-08	4.89E-08	1.51E-08	6.39E-08	1.16E-08	3.85E-09	1.54E-08	9.02E-09	1.86E-09	1.09E-08
4630	624134.77	4264863.08	5.83E-08	2.01E-08	7.84E-08	4.88E-08	1.50E-08	6.38E-08	1.15E-08	3.84E-09	1.54E-08	9.00E-09	1.85E-09	1.09E-08
4631	624143.91	4264859.44	5.82E-08	2.00E-08	7.82E-08	4.86E-08	1.50E-08	6.36E-08	1.15E-08	3.83E-09	1.53E-08	8.98E-09	1.85E-09	1.08E-08
4632	624153.05	4264855.81	5.80E-08	1.99E-08	7.79E-08	4.85E-08	1.49E-08	6.34E-08	1.15E-08	3.82E-09	1.53E-08	8.95E-09	1.84E-09	1.08E-08
4633	624162.19	4264852.17	5.78E-08	1.99E-08	7.77E-08	4.83E-08	1.49E-08	6.32E-08	1.14E-08	3.81E-09	1.52E-08	8.92E-09	1.83E-09	1.08E-08
4634	624171.33	4264848.53	5.76E-08	1.98E-08	7.74E-08	4.81E-08	1.48E-08	6.30E-08	1.14E-08	3.80E-09	1.52E-08	8.89E-09	1.83E-09	1.07E-08
4635	624180.47	4264844.9	5.74E-08	1.97E-08	7.72E-08	4.80E-08	1.48E-08	6.28E-08	1.14E-08	3.78E-09	1.52E-08	8.86E-09	1.82E-09	1.07E-08
4636	624189.61	4264841.26	5.73E-08	1.97E-08	7.70E-08	4.79E-08	1.47E-08	6.26E-08	1.13E-08	3.77E-09	1.51E-08	8.84E-09	1.82E-09	1.07E-08
4637	624198.75	4264837.62	5.71E-08	1.97E-08	7.68E-08	4.78E-08	1.47E-08	6.25E-08	1.13E-08	3.76E-09	1.51E-08	8.82E-09	1.81E-09	1.06E-08
4638	624207.89	4264833.99	5.70E-08	1.96E-08	7.67E-08	4.77E-08	1.47E-08	6.24E-08	1.13E-08	3.76E-09	1.50E-08	8.80E-09	1.81E-09	1.06E-08
4639	624217.03	4264830.35	5.70E-08	1.96E-08	7.65E-08	4.76E-08	1.47E-08	6.23E-08	1.13E-08	3.75E-09	1.50E-08	8.79E-09	1.81E-09	1.06E-08
4640	624226.17	4264826.71	5.69E-08	1.96E-08	7.65E-08	4.76E-08	1.47E-08	6.22E-08	1.13E-08	3.75E-09	1.50E-08	8.78E-09	1.81E-09	1.06E-08
4641	624235.31	4264823.08	5.69E-08	1.96E-08	7.64E-08	4.75E-08	1.46E-08	6.22E-08	1.13E-08	3.75E-09	1.50E-08	8.78E-09	1.81E-09	1.06E-08
4642	624244.45	4264819.44	5.69E-08	1.96E-08	7.65E-08	4.76E-08	1.46E-08	6.22E-08	1.13E-08	3.75E-09	1.50E-08	8.78E-09	1.81E-09	1.06E-08
4643	624253.59	4264815.8	5.69E-08	1.96E-08	7.65E-08	4.76E-08	1.47E-08	6.22E-08	1.13E-08	3.75E-09	1.50E-08	8.78E-09	1.81E-09	1.06E-08
4644	624262.73	4264812.17	5.70E-08	1.96E-08	7.66E-08	4.76E-08	1.47E-08	6.23E-08	1.13E-08	3.76E-09	1.50E-08	8.79E-09	1.81E-09	1.06E-08
4645	624271.87	4264808.53	5.71E-08	1.96E-08	7.67E-08	4.77E-08	1.47E-08	6.24E-08	1.13E-08	3.76E-09	1.51E-08	8.81E-09	1.81E-09	1.06E-08
4646	624281.01	4264804.89	5.72E-08	1.97E-08	7.69E-08	4.78E-08	1.47E-08	6.25E-08	1.13E-08	3.77E-09	1.51E-08	8.82E-09	1.81E-09	1.06E-08
4647	624290.15	4264801.26	5.73E-08	1.97E-08	7.70E-08	4.79E-08	1.48E-08	6.27E-08	1.13E-08	3.78E-09	1.51E-08	8.84E-09	1.82E-09	1.07E-08
4648	624299.29	4264797.62	5.75E-08	1.98E-08	7.72E-08	4.80E-08	1.48E-08	6.28E-08	1.14E-08	3.79E-09	1.52E-08	8.87E-09	1.82E-09	1.07E-08
4649	624308.43	4264793.98	5.76E-08	1.98E-08	7.74E-08	4.82E-08	1.48E-08	6.30E-08	1.14E-08	3.80E-09	1.52E-08	8.89E-09	1.83E-09	1.07E-08
4650	624317.57	4264790.35	5.78E-08	1.99E-08	7.77E-08	4.83E-08	1.49E-08	6.32E-08	1.14E-08	3.81E-09	1.52E-08	8.92E-09	1.83E-09	1.08E-08
4651	624326.71	4264786.71	5.80E-08	1.99E-08	7.79E-08	4.85E-08	1.49E-08	6.34E-08	1.15E-08	3.82E-09	1.53E-08	8.95E-09	1.84E-09	1.08E-08
4652	624335.85	4264783.07	5.82E-08	2.00E-08	7.82E-08	4.86E-08	1.50E-08	6.36E-08	1.15E-08	3.83E-09	1.53E-08	8.98E-09	1.85E-09	1.08E-08
4653	624344.99	4264779.44	5.84E-08	2.01E-08	7.85E-08	4.88E-08	1.50E-08	6.38E-08	1.16E-08	3.85E-09	1.54E-08	9.01E-09	1.85E-09	1.09E-08
4654	624354.13	4264775.8	5.86E-08	2.02E-08	7.88E-08	4.90E-08	1.51E-08	6.41E-08	1.16E-08	3.86E-09	1.55E-08	9.04E-09	1.86E-09	1.09E-08
4655	624363.27	4264772.16	5.88E-08	2.02E-08	7.91E-08	4.92E-08	1.51E-08	6.43E-08	1.16E-08	3.88E-09	1.55E-08	9.08E-09	1.87E-09	1.09E-08
4656	623690.25	4264940.51	3.90E-08	1.34E-08	5.25E-08	3.26E-08	1.01E-08	4.27E-08	7.73E-09	2.57E-09	1.03E-08	6.02E-09	1.24E-09	7.26E-09
4657	623699.37	4264936.88	3.94E-08	1.36E-08	5.30E-08	3.30E-08	1.02E-08	4.31E-08	7.80E-09	2.60E-09	1.04E-08	6.08E-09	1.25E-09	7.34E-09
4658	623708.48	4264933.26	3.98E-08	1.37E-08	5.35E-08	3.33E-08	1.03E-08	4.35E-08	7.88E-09	2.62E-09	1.05E-08	6.14E-09	1.26E-09	7.41E-09
4659	623717.59	4264929.63	4.02E-08	1.38E-08	5.40E-08	3.36E-08	1.04E-08	4.40E-08	7.96E-09	2.65E-09	1.06E-08	6.21E-09	1.28E-09	7.48E-09
4660	623726.71	4264926	4.06E-08	1.40E-08	5.46E-08	3.40E-08	1.05E-08	4.44E-08	8.04E-09	2.68E-09	1.07E-08	6.27E-09	1.29E-09	7.56E-09
4661	623735.82	4264922.38	4.10E-08	1.41E-08	5.52E-08	3.43E-08	1.06E-08	4.49E-08	8.12E-09	2.70E-09	1.08E-08	6.33E-09	1.30E-09	7.64E-09
4662	623744.94	4264918.75	4.15E-08	1.43E-08	5.57E-08	3.47E-08	1.07E-08	4.53E-08	8.21E-09	2.73E-09	1.09E-08	6.40E-09	1.32E-09	7.72E-09
4663	623754.05	4264915.12	4.19E-08	1.44E-08	5.63E-08	3.50E-08	1.08E-08	4.58E-08	8.30E-09	2.76E-09	1.11E-08	6.47E-09	1.33E-09	7.80E-09
4664	623763.16	4264911.5	4.24E-08	1.46E-08	5.69E-08	3.54E-08	1.09E-08	4.63E-08	8.39E-09	2.79E-09	1.12E-08	6.54E-09	1.34E-09	7.88E-09
4665	623772.28	4264907.87	4.28E-08	1.47E-08	5.76E-08	3.58E-08	1.10E-08	4.68E-08	8.48E-09	2.82E-09	1.13E-08	6.61E-09	1.36E-09	7.97E-09
4666	623781.39	4264904.25	4.33E-08	1.49E-08	5.82E-08	3.62E-08	1.11E-08	4.73E-08	8.57E-09	2.85E-09	1.14E-08	6.68E-09	1.37E-09	8.06E-09
4667	623790.51	4264900.62	4.38E-08	1.50E-08	5.88E-08	3.66E-08	1.13E-08	4.78E-08	8.66E-09	2.88E-09	1.15E-08	6.75E-09	1.39E-09	8.14E-09
4668	623799.62	4264896.99	4.42E-08	1.52E-08	5.94E-08	3.70E-08	1.14E-08	4.83E-08	8.75E-09	2.91E-09	1.17E-08	6.82E-09	1.40E-09	8.22E-09
4669	623808.73	4264893.37	4.47E-08	1.54E-08	6.00E-08	3.73E-08	1.15E-08	4.88E-08	8.84E-09	2.94E-09	1.18E-08	6.89E-09	1.42E-09	8.31E-09
4670	623817.85	4264889.74	4.51E-08	1.55E-08	6.06E-08	3.77E-08	1.16E-08	4.93E-08	8.93E-09	2.97E-09	1.19E-08	6.96E-09	1.43E-09	8.39E-09
4671	623826.96	4264886.11	4.56E-08	1.57E-08	6.12E-08	3.81E-08	1.17E-08	4.98E-08	9.02E-09	3.00E-09	1.20E-08	7.03E-09	1.45E-09	8.47E-09
4672	623836.08	4264882.49	4.60E-08	1.58E-08	6.18E-08	3.84E-08	1.18E-08	5.03E-08	9.11E-09	3.03E-09	1.21E-08	7.10E-09	1.46E-09	8.56E-09
4673	623845.19	4264878.86	4.64E-08	1.60E-08	6.24E-08	3.88E-08	1.20E-08	5.08E-08	9.19E-09	3.06E-09	1.23E-08	7.17E-09	1.47E-09	8.64E-09
4674	623854.3	4264875.24	4.69E-08	1.61E-08	6.30E-08	3.92E-08	1.21E-08	5.13E-08	9.28E-09	3.09E-09	1.24E-08	7.23E-09	1.49E-09	8.72E-09
4675	623863.42	4264871.61	4.73E-08	1.63E-08	6.36E-08	3.96E-08	1.22E-08	5.17E-08	9.37E-09	3.12E-09	1.25E-08	7.30E-09	1.50E-09	8.80E-09
4676	623872.53	4264867.98	4.77E-08	1.64E-08	6.42E-08	3.99E-08	1.23E-08	5.22E-08	9.45E-09	3.15E-09	1.26E-08	7.37E-09	1.52E-09	8.88E-09

4677	623881.64	4264864.36	4.82E-08	1.66E-08	6.47E-08	4.03E-08	1.24E-08	5.27E-08	9.53E-09	3.17E-09	1.27E-08	7.43E-09	1.53E-09	8.96E-09
4678	623890.76	4264860.73	4.86E-08	1.67E-08	6.53E-08	4.06E-08	1.25E-08	5.31E-08	9.62E-09	3.20E-09	1.28E-08	7.50E-09	1.54E-09	9.04E-09
4679	623899.87	4264857.1	4.90E-08	1.68E-08	6.58E-08	4.09E-08	1.26E-08	5.36E-08	9.70E-09	3.23E-09	1.29E-08	7.56E-09	1.55E-09	9.11E-09
4680	623908.99	4264853.48	4.94E-08	1.70E-08	6.64E-08	4.13E-08	1.27E-08	5.40E-08	9.77E-09	3.25E-09	1.30E-08	7.62E-09	1.57E-09	9.19E-09
4681	623918.1	4264849.85	4.98E-08	1.71E-08	6.69E-08	4.16E-08	1.28E-08	5.44E-08	9.85E-09	3.28E-09	1.31E-08	7.68E-09	1.58E-09	9.26E-09
4682	623927.21	4264846.22	5.01E-08	1.72E-08	6.74E-08	4.19E-08	1.29E-08	5.48E-08	9.92E-09	3.30E-09	1.32E-08	7.73E-09	1.59E-09	9.32E-09
4683	623936.33	4264842.6	5.05E-08	1.74E-08	6.78E-08	4.22E-08	1.30E-08	5.52E-08	9.99E-09	3.33E-09	1.33E-08	7.79E-09	1.60E-09	9.39E-09
4684	623945.44	4264838.97	5.08E-08	1.75E-08	6.83E-08	4.25E-08	1.31E-08	5.56E-08	1.01E-08	3.35E-09	1.34E-08	7.84E-09	1.61E-09	9.46E-09
4685	623954.56	4264835.35	5.12E-08	1.76E-08	6.88E-08	4.28E-08	1.32E-08	5.60E-08	1.01E-08	3.37E-09	1.35E-08	7.90E-09	1.62E-09	9.52E-09
4686	623963.67	4264831.72	5.15E-08	1.77E-08	6.92E-08	4.30E-08	1.33E-08	5.63E-08	1.02E-08	3.39E-09	1.36E-08	7.95E-09	1.63E-09	9.58E-09
4687	623972.78	4264828.09	5.18E-08	1.78E-08	6.96E-08	4.33E-08	1.33E-08	5.66E-08	1.02E-08	3.41E-09	1.37E-08	7.99E-09	1.64E-09	9.63E-09
4688	623981.9	4264824.47	5.20E-08	1.79E-08	6.99E-08	4.35E-08	1.34E-08	5.68E-08	1.03E-08	3.43E-09	1.37E-08	8.02E-09	1.65E-09	9.67E-09
4689	623991.01	4264820.84	5.22E-08	1.80E-08	7.02E-08	4.36E-08	1.34E-08	5.71E-08	1.03E-08	3.44E-09	1.38E-08	8.05E-09	1.66E-09	9.71E-09
4690	624000.13	4264817.21	5.24E-08	1.80E-08	7.04E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.45E-09	1.38E-08	8.08E-09	1.66E-09	9.74E-09
4691	624009.24	4264813.59	5.25E-08	1.81E-08	7.06E-08	4.39E-08	1.35E-08	5.74E-08	1.04E-08	3.46E-09	1.39E-08	8.10E-09	1.67E-09	9.77E-09
4692	624018.35	4264809.96	5.26E-08	1.81E-08	7.07E-08	4.40E-08	1.35E-08	5.75E-08	1.04E-08	3.47E-09	1.39E-08	8.12E-09	1.67E-09	9.79E-09
4693	624027.47	4264806.34	5.27E-08	1.81E-08	7.08E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.13E-09	1.67E-09	9.80E-09
4694	624036.58	4264802.71	5.27E-08	1.81E-08	7.08E-08	4.41E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.13E-09	1.67E-09	9.81E-09
4695	624045.69	4264799.08	5.27E-08	1.81E-08	7.08E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.13E-09	1.67E-09	9.80E-09
4696	624054.81	4264795.46	5.26E-08	1.81E-08	7.08E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.12E-09	1.67E-09	9.79E-09
4697	624063.92	4264791.83	5.26E-08	1.81E-08	7.06E-08	4.39E-08	1.35E-08	5.75E-08	1.04E-08	3.46E-09	1.39E-08	8.11E-09	1.67E-09	9.78E-09
4698	624073.04	4264788.2	5.25E-08	1.80E-08	7.05E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.46E-09	1.38E-08	8.09E-09	1.66E-09	9.76E-09
4699	624082.15	4264784.58	5.23E-08	1.80E-08	7.03E-08	4.37E-08	1.35E-08	5.72E-08	1.04E-08	3.45E-09	1.38E-08	8.07E-09	1.66E-09	9.73E-09
4700	624091.26	4264780.95	5.21E-08	1.79E-08	7.01E-08	4.36E-08	1.34E-08	5.70E-08	1.03E-08	3.44E-09	1.38E-08	8.05E-09	1.65E-09	9.70E-09
4701	624100.38	4264777.33	5.20E-08	1.79E-08	6.98E-08	4.34E-08	1.34E-08	5.68E-08	1.03E-08	3.42E-09	1.37E-08	8.02E-09	1.65E-09	9.66E-09
4702	624109.49	4264773.7	5.17E-08	1.78E-08	6.95E-08	4.33E-08	1.33E-08	5.66E-08	1.02E-08	3.41E-09	1.37E-08	7.99E-09	1.64E-09	9.63E-09
4703	624118.61	4264770.07	5.16E-08	1.77E-08	6.93E-08	4.31E-08	1.33E-08	5.64E-08	1.02E-08	3.40E-09	1.36E-08	7.95E-09	1.64E-09	9.59E-09
4704	624127.72	4264766.45	5.14E-08	1.77E-08	6.90E-08	4.29E-08	1.32E-08	5.62E-08	1.02E-08	3.38E-09	1.36E-08	7.93E-09	1.63E-09	9.56E-09
4705	624136.83	4264762.82	5.12E-08	1.76E-08	6.88E-08	4.28E-08	1.32E-08	5.59E-08	1.01E-08	3.37E-09	1.35E-08	7.90E-09	1.62E-09	9.52E-09
4706	624145.95	4264759.19	5.10E-08	1.75E-08	6.85E-08	4.26E-08	1.31E-08	5.57E-08	1.01E-08	3.36E-09	1.35E-08	7.87E-09	1.62E-09	9.48E-09
4707	624155.06	4264755.57	5.08E-08	1.75E-08	6.83E-08	4.25E-08	1.31E-08	5.55E-08	1.01E-08	3.35E-09	1.34E-08	7.84E-09	1.61E-09	9.45E-09
4708	624164.18	4264751.94	5.06E-08	1.74E-08	6.80E-08	4.23E-08	1.30E-08	5.53E-08	1.00E-08	3.33E-09	1.34E-08	7.81E-09	1.61E-09	9.41E-09
4709	624173.29	4264748.31	5.04E-08	1.73E-08	6.78E-08	4.22E-08	1.30E-08	5.51E-08	9.98E-09	3.32E-09	1.33E-08	7.78E-09	1.60E-09	9.38E-09
4710	624182.4	4264744.69	5.03E-08	1.73E-08	6.76E-08	4.20E-08	1.30E-08	5.50E-08	9.96E-09	3.31E-09	1.33E-08	7.76E-09	1.60E-09	9.36E-09
4711	624191.52	4264741.06	5.02E-08	1.73E-08	6.74E-08	4.19E-08	1.29E-08	5.49E-08	9.93E-09	3.31E-09	1.32E-08	7.74E-09	1.59E-09	9.34E-09
4712	624200.63	4264737.44	5.01E-08	1.72E-08	6.73E-08	4.19E-08	1.29E-08	5.48E-08	9.91E-09	3.30E-09	1.32E-08	7.73E-09	1.59E-09	9.32E-09
4713	624209.74	4264733.81	5.00E-08	1.72E-08	6.72E-08	4.18E-08	1.29E-08	5.47E-08	9.90E-09	3.30E-09	1.32E-08	7.72E-09	1.59E-09	9.31E-09
4714	624218.86	4264730.18	5.00E-08	1.72E-08	6.72E-08	4.18E-08	1.29E-08	5.46E-08	9.89E-09	3.29E-09	1.32E-08	7.71E-09	1.59E-09	9.30E-09
4715	624227.97	4264726.56	5.00E-08	1.72E-08	6.71E-08	4.18E-08	1.29E-08	5.46E-08	9.89E-09	3.29E-09	1.32E-08	7.71E-09	1.59E-09	9.29E-09
4716	624237.09	4264722.93	5.00E-08	1.72E-08	6.72E-08	4.18E-08	1.29E-08	5.46E-08	9.89E-09	3.29E-09	1.32E-08	7.71E-09	1.59E-09	9.30E-09
4717	624246.2	4264719.3	5.00E-08	1.72E-08	6.72E-08	4.18E-08	1.29E-08	5.47E-08	9.90E-09	3.29E-09	1.32E-08	7.72E-09	1.59E-09	9.30E-09
4718	624255.31	4264715.68	5.01E-08	1.72E-08	6.73E-08	4.18E-08	1.29E-08	5.47E-08	9.91E-09	3.30E-09	1.32E-08	7.72E-09	1.59E-09	9.31E-09
4719	624264.43	4264712.05	5.01E-08	1.72E-08	6.74E-08	4.19E-08	1.29E-08	5.48E-08	9.92E-09	3.30E-09	1.32E-08	7.74E-09	1.59E-09	9.33E-09
4720	624273.54	4264708.43	5.02E-08	1.73E-08	6.75E-08	4.20E-08	1.29E-08	5.49E-08	9.94E-09	3.31E-09	1.33E-08	7.75E-09	1.59E-09	9.34E-09
4721	624282.66	4264704.8	5.03E-08	1.73E-08	6.77E-08	4.21E-08	1.30E-08	5.50E-08	9.96E-09	3.32E-09	1.33E-08	7.77E-09	1.60E-09	9.37E-09
4722	624291.77	4264701.17	5.05E-08	1.74E-08	6.78E-08	4.22E-08	1.30E-08	5.52E-08	9.99E-09	3.33E-09	1.33E-08	7.79E-09	1.60E-09	9.39E-09
4723	624300.88	4264697.55	5.06E-08	1.74E-08	6.80E-08	4.23E-08	1.30E-08	5.54E-08	1.00E-08	3.34E-09	1.34E-08	7.81E-09	1.61E-09	9.42E-09
4724	624310	4264693.92	5.08E-08	1.75E-08	6.83E-08	4.25E-08	1.31E-08	5.55E-08	1.01E-08	3.35E-09	1.34E-08	7.84E-09	1.61E-09	9.45E-09
4725	624319.11	4264690.29	5.10E-08	1.75E-08	6.85E-08	4.26E-08	1.31E-08	5.57E-08	1.01E-08	3.36E-09	1.35E-08	7.87E-09	1.62E-09	9.48E-09
4726	624328.23	4264686.67	5.12E-08	1.76E-08	6.88E-08	4.28E-08	1.32E-08	5.59E-08	1.01E-08	3.37E-09	1.35E-08	7.89E-09	1.62E-09	9.52E-09
4727	624337.34	4264683.04	5.13E-08	1.77E-08	6.90E-08	4.29E-08	1.32E-08	5.61E-08	1.02E-08	3.38E-09	1.35E-08	7.92E-09	1.63E-09	9.55E-09
4728	624346.45	4264679.42	5.15E-08	1.77E-08	6.92E-08	4.31E-08	1.33E-08	5.63E-08	1.02E-08	3.39E-09	1.36E-08	7.95E-09	1.64E-09	9.58E-09
4729	624355.57	4264675.79	5.17E-08	1.78E-08	6.95E-08	4.32E-08	1.33E-08	5.65E-08	1.02E-08	3.41E-09	1.36E-08	7.98E-09	1.64E-09	9.62E-09
4730	624364.68	4264672.16	5.19E-08	1.78E-08	6.98E-08	4.34E-08	1.34E-08	5.67E-08	1.03E-08	3.42E-09	1.37E-08	8.01E-09	1.65E-09	9.66E-09
4731	623702.32	4264836.27	3.79E-08	1.30E-08	5.09E-08	3.17E-08	9.75E-09	4.14E-08	7.50E-09	2.50E-09	9.99E-09	5.84E-09	1.20E-09	7.05E-09
4732	623711.41	4264832.65	3.83E-08	1.32E-08	5.14E-08	3.20E-08	9.85E-09	4.18E-08	7.57E-09	2.52E-09	1.01E-08	5.90E-09	1.21E-09	7.12E-09
4733	623720.51	4264829.03	3.86E-08	1.33E-08	5.19E-08	3.23E-08	9.95E-09	4.22E-08	7.65E-09	2.55E-09	1.02E-08	5.96E-09	1.23E-09	7.19E-09
4734	623729.6	4264825.41	3.90E-08	1.34E-08	5.24E-08	3.26E-08	1.00E-08	4.27E-08	7.72E-09	2.57E-09	1.03E-08	6.02E-09	1.24E-09	7.26E-09
4735	623738.69	4264821.8	3.94E-08	1.36E-08	5.30E-08	3.29E-08	1.01E-08	4.31E-08	7.80E-09	2.60E-09	1.04E-08	6.08E-09	1.25E-09	7.33E-09
4736	623747.78	4264818.18	3.98E-08	1.37E-08	5.35E-08	3.33E-08	1.02E-08	4.35E-08	7.88E-09	2.62E-09	1.05E-08	6.14E-09	1.26E-09	7.40E-09
4737	623756.88	4264814.56	4.02E-08	1.38E-08	5.40E-08	3.36E-08	1.03E-08	4.39E-08	7.95E-09	2.65E-09	1.06E-08	6.20E-09	1.28E-09	7.48E-09
4738	623765.97	4264810.94	4.06E-08	1.40E-08	5.45E-08	3.39E-08	1.04E-08	4.44E-08	8.03E-09	2.67E-09	1.07E-08	6.26E-09	1.29E-09	7.55E-09
4739	623775.06	4264807.32	4.10E-08	1.41E-08	5.51E-08	3.43E-08	1.06E-08	4.48E-08	8.11E-09	2.70E-09	1.08E-08	6.33E-09	1.30E-09	7.63E-09
4740	623784.16	4264803.71	4.14E-08	1.42E-08	5.56E-08	3.46E-08	1.07E-08	4.53E-08	8.19E-09	2.73E-09	1.09E-08	6.39E-09	1.31E-09	7.70E-09
4741	623793.25	4264800.09	4.18E-08	1.44E-08	5.61E-08	3.49E-08	1.08E-08	4.57E-08	8.27E-09	2.75E-09	1.10E-08	6.44E-09	1.33E-09	7.77E-09
4742	623802.34	4264796.47	4.21E-08	1.45E-08	5.66E-08	3.52E-08	1.08E-08	4.61E-08	8.34E-09	2.78E-09	1.11E-08	6.50E-09	1.34E-09	7.84E-09
4743	623811.43	4264792.85	4.25E-08	1.46E-08	5.71E-08	3.55E-08	1.09E-08	4.65E-08	8.41E-09	2.80E-09	1.12E-08	6.56E-09	1.35E-09	7.91E-09
4744	623820.53	4264789.24	4.29E-08	1.47E-08	5.76E-08	3.58E-08	1.10E-08	4.69E-08	8.49E-09	2.82E-09	1.13E-08	6.61E-09	1.36E-09	7.98E-09
4745	623829.62	4264785.62	4.32E-08	1.49E-08	5.81E-08	3.61E-08	1.11E-08	4.73E-08	8.55E-09	2.85E-09	1.14E-08	6.67E-09	1.37E-09	8.04E-09
4746	623838.71	4264782	4.36E-08	1.50E-08	5.85E-08	3.64E-08	1.12E-08	4.76E-08	8.62E-09	2.87E-09	1.15E-08	6.72E-09	1.38E-09	8.11E-09
4747	623847.8	4264778.38	4.39E-08	1.51E-08	5.90E-08	3.67E-08	1.13E-08	4.80E-08	8.69E-09	2.89E-09	1.16E-08	6.78E-09	1.39E-09	8.17E-09
4748	623856.9	4264774.76	4.42E-08	1.52E-08	5.95E-08	3.70E-08	1.14E-08	4.84E-08	8.76E-09	2.92E-09	1.17E-08	6.83E-09	1.40E-09	8.23E-09

4749	623865.99	4264771.15	4.46E-08	1.53E-08	5.99E-08	3.73E-08	1.15E-08	4.87E-08	8.82E-09	2.94E-09	1.18E-08	6.88E-09	1.41E-09	8.29E-09
4750	623875.08	4264767.53	4.49E-08	1.54E-08	6.03E-08	3.75E-08	1.16E-08	4.91E-08	8.88E-09	2.96E-09	1.18E-08	6.93E-09	1.42E-09	8.35E-09
4751	623884.18	4264763.91	4.52E-08	1.55E-08	6.07E-08	3.78E-08	1.16E-08	4.94E-08	8.95E-09	2.98E-09	1.19E-08	6.97E-09	1.43E-09	8.41E-09
4752	623893.27	4264760.29	4.55E-08	1.56E-08	6.11E-08	3.80E-08	1.17E-08	4.97E-08	9.00E-09	3.00E-09	1.20E-08	7.02E-09	1.44E-09	8.46E-09
4753	623902.36	4264756.67	4.58E-08	1.57E-08	6.15E-08	3.83E-08	1.18E-08	5.00E-08	9.06E-09	3.02E-09	1.21E-08	7.06E-09	1.45E-09	8.51E-09
4754	623911.45	4264753.06	4.60E-08	1.58E-08	6.19E-08	3.85E-08	1.19E-08	5.03E-08	9.11E-09	3.03E-09	1.21E-08	7.10E-09	1.46E-09	8.56E-09
4755	623920.55	4264749.44	4.63E-08	1.59E-08	6.22E-08	3.87E-08	1.19E-08	5.06E-08	9.16E-09	3.05E-09	1.22E-08	7.14E-09	1.47E-09	8.61E-09
4756	623929.64	4264745.82	4.65E-08	1.60E-08	6.25E-08	3.89E-08	1.20E-08	5.08E-08	9.20E-09	3.06E-09	1.23E-08	7.18E-09	1.48E-09	8.65E-09
4757	623938.73	4264742.2	4.67E-08	1.61E-08	6.28E-08	3.91E-08	1.20E-08	5.11E-08	9.25E-09	3.08E-09	1.23E-08	7.21E-09	1.48E-09	8.69E-09
4758	623947.82	4264738.59	4.69E-08	1.61E-08	6.31E-08	3.92E-08	1.21E-08	5.13E-08	9.29E-09	3.09E-09	1.24E-08	7.24E-09	1.49E-09	8.73E-09
4759	623956.92	4264734.97	4.71E-08	1.62E-08	6.33E-08	3.94E-08	1.21E-08	5.15E-08	9.33E-09	3.10E-09	1.24E-08	7.27E-09	1.50E-09	8.77E-09
4760	623966.01	4264731.35	4.73E-08	1.63E-08	6.35E-08	3.95E-08	1.22E-08	5.17E-08	9.36E-09	3.11E-09	1.25E-08	7.29E-09	1.50E-09	8.80E-09
4761	623975.1	4264727.73	4.74E-08	1.63E-08	6.37E-08	3.96E-08	1.22E-08	5.18E-08	9.38E-09	3.12E-09	1.25E-08	7.31E-09	1.50E-09	8.81E-09
4762	623984.2	4264724.11	4.75E-08	1.63E-08	6.38E-08	3.97E-08	1.22E-08	5.19E-08	9.39E-09	3.13E-09	1.25E-08	7.32E-09	1.51E-09	8.83E-09
4763	623993.29	4264720.5	4.75E-08	1.63E-08	6.38E-08	3.97E-08	1.22E-08	5.19E-08	9.40E-09	3.13E-09	1.25E-08	7.33E-09	1.51E-09	8.84E-09
4764	624002.38	4264716.88	4.75E-08	1.63E-08	6.38E-08	3.97E-08	1.22E-08	5.19E-08	9.40E-09	3.13E-09	1.25E-08	7.33E-09	1.51E-09	8.84E-09
4765	624011.47	4264713.26	4.75E-08	1.63E-08	6.38E-08	3.97E-08	1.22E-08	5.19E-08	9.40E-09	3.13E-09	1.25E-08	7.33E-09	1.51E-09	8.83E-09
4766	624020.57	4264709.64	4.74E-08	1.63E-08	6.37E-08	3.96E-08	1.22E-08	5.19E-08	9.39E-09	3.13E-09	1.25E-08	7.32E-09	1.51E-09	8.82E-09
4767	624029.66	4264706.02	4.73E-08	1.63E-08	6.36E-08	3.96E-08	1.22E-08	5.18E-08	9.37E-09	3.12E-09	1.25E-08	7.31E-09	1.50E-09	8.81E-09
4768	624038.75	4264702.41	4.72E-08	1.62E-08	6.35E-08	3.95E-08	1.22E-08	5.16E-08	9.35E-09	3.11E-09	1.25E-08	7.29E-09	1.50E-09	8.79E-09
4769	624047.84	4264698.79	4.71E-08	1.62E-08	6.33E-08	3.94E-08	1.21E-08	5.15E-08	9.32E-09	3.10E-09	1.24E-08	7.27E-09	1.49E-09	8.76E-09
4770	624056.94	4264695.17	4.69E-08	1.61E-08	6.31E-08	3.92E-08	1.21E-08	5.13E-08	9.29E-09	3.09E-09	1.24E-08	7.24E-09	1.49E-09	8.73E-09
4771	624066.03	4264691.55	4.67E-08	1.61E-08	6.28E-08	3.91E-08	1.20E-08	5.11E-08	9.25E-09	3.08E-09	1.23E-08	7.21E-09	1.48E-09	8.70E-09
4772	624075.12	4264687.94	4.65E-08	1.60E-08	6.26E-08	3.89E-08	1.20E-08	5.09E-08	9.21E-09	3.07E-09	1.23E-08	7.18E-09	1.48E-09	8.66E-09
4773	624084.22	4264684.32	4.63E-08	1.59E-08	6.23E-08	3.87E-08	1.19E-08	5.07E-08	9.17E-09	3.05E-09	1.22E-08	7.15E-09	1.47E-09	8.62E-09
4774	624093.31	4264680.7	4.61E-08	1.59E-08	6.20E-08	3.86E-08	1.19E-08	5.04E-08	9.13E-09	3.04E-09	1.22E-08	7.12E-09	1.46E-09	8.58E-09
4775	624102.4	4264677.08	4.59E-08	1.58E-08	6.17E-08	3.84E-08	1.18E-08	5.02E-08	9.09E-09	3.03E-09	1.21E-08	7.09E-09	1.46E-09	8.54E-09
4776	624111.49	4264673.46	4.57E-08	1.57E-08	6.15E-08	3.82E-08	1.18E-08	5.00E-08	9.05E-09	3.01E-09	1.21E-08	7.06E-09	1.45E-09	8.51E-09
4777	624120.59	4264669.85	4.55E-08	1.57E-08	6.12E-08	3.81E-08	1.17E-08	4.98E-08	9.01E-09	3.00E-09	1.20E-08	7.02E-09	1.44E-09	8.47E-09
4778	624129.68	4264666.23	4.53E-08	1.56E-08	6.09E-08	3.79E-08	1.17E-08	4.96E-08	8.97E-09	2.99E-09	1.20E-08	6.99E-09	1.44E-09	8.43E-09
4779	624138.77	4264662.61	4.51E-08	1.55E-08	6.06E-08	3.77E-08	1.16E-08	4.93E-08	8.93E-09	2.97E-09	1.19E-08	6.96E-09	1.43E-09	8.40E-09
4780	624147.86	4264658.99	4.50E-08	1.55E-08	6.04E-08	3.76E-08	1.16E-08	4.91E-08	8.90E-09	2.96E-09	1.19E-08	6.94E-09	1.43E-09	8.36E-09
4781	624156.96	4264655.37	4.48E-08	1.54E-08	6.02E-08	3.74E-08	1.15E-08	4.90E-08	8.87E-09	2.95E-09	1.18E-08	6.91E-09	1.42E-09	8.33E-09
4782	624166.05	4264651.76	4.47E-08	1.54E-08	6.00E-08	3.73E-08	1.15E-08	4.88E-08	8.84E-09	2.94E-09	1.18E-08	6.89E-09	1.42E-09	8.31E-09
4783	624175.14	4264648.14	4.45E-08	1.53E-08	5.98E-08	3.72E-08	1.15E-08	4.87E-08	8.81E-09	2.93E-09	1.17E-08	6.87E-09	1.41E-09	8.28E-09
4784	624184.23	4264644.52	4.44E-08	1.53E-08	5.97E-08	3.71E-08	1.14E-08	4.86E-08	8.79E-09	2.93E-09	1.17E-08	6.86E-09	1.41E-09	8.27E-09
4785	624193.33	4264640.9	4.44E-08	1.53E-08	5.96E-08	3.71E-08	1.14E-08	4.85E-08	8.78E-09	2.92E-09	1.17E-08	6.84E-09	1.41E-09	8.25E-09
4786	624202.42	4264637.29	4.43E-08	1.52E-08	5.95E-08	3.70E-08	1.14E-08	4.84E-08	8.77E-09	2.92E-09	1.17E-08	6.84E-09	1.41E-09	8.24E-09
4787	624211.51	4264633.67	4.43E-08	1.52E-08	5.95E-08	3.70E-08	1.14E-08	4.84E-08	8.76E-09	2.92E-09	1.17E-08	6.83E-09	1.41E-09	8.24E-09
4788	624220.61	4264630.05	4.43E-08	1.52E-08	5.95E-08	3.70E-08	1.14E-08	4.84E-08	8.76E-09	2.92E-09	1.17E-08	6.83E-09	1.40E-09	8.23E-09
4789	624229.7	4264626.43	4.43E-08	1.52E-08	5.95E-08	3.70E-08	1.14E-08	4.84E-08	8.76E-09	2.92E-09	1.17E-08	6.83E-09	1.41E-09	8.24E-09
4790	624238.79	4264622.81	4.43E-08	1.52E-08	5.96E-08	3.70E-08	1.14E-08	4.84E-08	8.77E-09	2.92E-09	1.17E-08	6.84E-09	1.41E-09	8.24E-09
4791	624247.88	4264619.2	4.44E-08	1.53E-08	5.96E-08	3.71E-08	1.14E-08	4.85E-08	8.78E-09	2.92E-09	1.17E-08	6.85E-09	1.41E-09	8.25E-09
4792	624256.98	4264615.58	4.44E-08	1.53E-08	5.97E-08	3.71E-08	1.14E-08	4.86E-08	8.80E-09	2.93E-09	1.17E-08	6.86E-09	1.41E-09	8.27E-09
4793	624266.07	4264611.96	4.45E-08	1.53E-08	5.98E-08	3.72E-08	1.15E-08	4.87E-08	8.81E-09	2.93E-09	1.17E-08	6.87E-09	1.41E-09	8.28E-09
4794	624275.16	4264608.34	4.46E-08	1.53E-08	6.00E-08	3.73E-08	1.15E-08	4.88E-08	8.83E-09	2.94E-09	1.18E-08	6.89E-09	1.42E-09	8.30E-09
4795	624284.25	4264604.72	4.47E-08	1.54E-08	6.01E-08	3.74E-08	1.15E-08	4.89E-08	8.85E-09	2.95E-09	1.18E-08	6.90E-09	1.42E-09	8.32E-09
4796	624293.35	4264601.11	4.49E-08	1.54E-08	6.03E-08	3.75E-08	1.15E-08	4.90E-08	8.88E-09	2.96E-09	1.18E-08	6.92E-09	1.42E-09	8.35E-09
4797	624302.44	4264597.49	4.50E-08	1.55E-08	6.05E-08	3.76E-08	1.16E-08	4.92E-08	8.91E-09	2.97E-09	1.19E-08	6.95E-09	1.43E-09	8.37E-09
4798	624311.53	4264593.87	4.52E-08	1.55E-08	6.07E-08	3.78E-08	1.16E-08	4.94E-08	8.94E-09	2.98E-09	1.19E-08	6.97E-09	1.43E-09	8.41E-09
4799	624320.63	4264590.25	4.54E-08	1.56E-08	6.10E-08	3.79E-08	1.17E-08	4.96E-08	8.98E-09	2.99E-09	1.20E-08	7.00E-09	1.44E-09	8.44E-09
4800	624329.72	4264586.64	4.55E-08	1.57E-08	6.12E-08	3.81E-08	1.17E-08	4.98E-08	9.01E-09	3.00E-09	1.20E-08	7.03E-09	1.44E-09	8.47E-09
4801	624338.81	4264583.02	4.57E-08	1.57E-08	6.14E-08	3.82E-08	1.18E-08	5.00E-08	9.05E-09	3.01E-09	1.21E-08	7.05E-09	1.45E-09	8.50E-09
4802	624347.9	4264579.4	4.59E-08	1.58E-08	6.17E-08	3.84E-08	1.18E-08	5.02E-08	9.08E-09	3.02E-09	1.21E-08	7.08E-09	1.46E-09	8.54E-09
4803	624357	4264575.78	4.61E-08	1.58E-08	6.19E-08	3.85E-08	1.19E-08	5.04E-08	9.12E-09	3.04E-09	1.22E-08	7.11E-09	1.46E-09	8.57E-09
4804	624366.09	4264572.16	4.63E-08	1.59E-08	6.22E-08	3.87E-08	1.19E-08	5.06E-08	9.16E-09	3.05E-09	1.22E-08	7.14E-09	1.47E-09	8.61E-09
4805	624362.59	4266163.45	1.07E-06	3.66E-07	1.43E-06	8.91E-07	2.74E-07	1.17E-06	2.11E-07	7.02E-08	2.81E-07	1.64E-07	3.38E-08	1.98E-07
4806	624372.48	4266163.63	1.17E-06	4.02E-07	1.57E-06	9.78E-07	3.01E-07	1.28E-06	2.32E-07	7.71E-08	3.09E-07	1.81E-07	3.71E-08	2.18E-07
4807	624382.37	4266163.81	1.28E-06	4.39E-07	1.72E-06	1.07E-06	3.29E-07	1.40E-06	2.53E-07	8.42E-08	3.37E-07	1.97E-07	4.06E-08	2.38E-07
4808	624392.26	4266163.98	1.39E-06	4.79E-07	1.87E-06	1.17E-06	3.59E-07	1.52E-06	2.76E-07	9.19E-08	3.68E-07	2.15E-07	4.42E-08	2.59E-07
4809	624402.15	4266164.16	1.52E-06	5.23E-07	2.04E-06	1.27E-06	3.91E-07	1.66E-06	3.01E-07	1.00E-07	4.01E-07	2.35E-07	4.83E-08	2.83E-07
4810	624412.04	4266164.34	1.63E-06	5.60E-07	2.19E-06	1.36E-06	4.20E-07	1.78E-06	3.23E-07	1.07E-07	4.30E-07	2.51E-07	5.17E-08	3.03E-07
4811	624421.93	4266164.51	1.70E-06	5.84E-07	2.28E-06	1.42E-06	4.37E-07	1.86E-06	3.36E-07	1.12E-07	4.48E-07	2.62E-07	5.39E-08	3.16E-07
4812	624451.59	4266165.04	1.82E-06	6.26E-07	2.45E-06	1.52E-06	4.69E-07	1.99E-06	3.60E-07	1.20E-07	4.80E-07	2.81E-07	5.78E-08	3.39E-07
4813	624461.48	4266165.22	1.89E-06	6.49E-07	2.54E-06	1.58E-06	4.86E-07	2.06E-06	3.74E-07	1.24E-07	4.98E-07	2.91E-07	5.99E-08	3.51E-07
4814	624471.37	4266165.4	1.96E-06	6.74E-07	2.63E-06	1.64E-06	5.05E-07	2.14E-06	3.88E-07	1.29E-07	5.17E-07	3.02E-07	6.22E-08	3.65E-07
4815	624481.26	4266165.57	2.00E-06	6.86E-07	2.68E-06	1.67E-06	5.14E-07	2.18E-06	3.95E-07	1.32E-07	5.27E-07	3.08E-07	6.34E-08	3.71E-07
4816	624491.15	4266165.75	2.00E-06	6.87E-07	2.68E-06	1.67E-06	5.14E-07	2.18E-06	3.95E-07	1.32E-07	5.27E-07	3.08E-07	6.34E-08	3.72E-07
4817	624501.04	4266165.93	2.00E-06	6.86E-07	2.68E-06	1.67E-06	5.14E-07	2.18E-06	3.95E-07	1.32E-07	5.27E-07	3.08E-07	6.34E-08	3.71E-07
4818	624510.93	4266166.1	2.01E-06	6.91E-07	2.70E-06	1.68E-06	5.17E-07	2.20E-06	3.98E-07	1.32E-07	5.30E-07	3.10E-07	6.37E-08	3.74E-07
4819	624520.82	4266166.28	2.04E-06	7.02E-07	2.74E-06	1.71E-06	5.25E-07	2.23E-06	4.04E-07	1.34E-07	5.38E-07	3.15E-07	6.48E-08	3.80E-07
4820	624530.71	4266166.46	2.10E-06	7.22E-07	2.82E-06	1.76E-06	5.41E-07	2.30E-06	4.16E-07	1.38E-07	5.54E-07	3.24E-07	6.67E-08	3.91E-07

4821	624540.6	4266166.63	2.15E-06	7.39E-07	2.89E-06	1.80E-06	5.53E-07	2.35E-06	4.25E-07	1.42E-07	5.67E-07	3.32E-07	6.82E-08	4.00E-07
4822	624550.49	4266166.81	2.15E-06	7.39E-07	2.89E-06	1.80E-06	5.54E-07	2.35E-06	4.26E-07	1.42E-07	5.67E-07	3.32E-07	6.82E-08	4.00E-07
4823	624560.38	4266166.99	2.13E-06	7.32E-07	2.86E-06	1.78E-06	5.48E-07	2.33E-06	4.21E-07	1.40E-07	5.61E-07	3.28E-07	6.75E-08	3.96E-07
4824	624570.27	4266167.16	2.11E-06	7.26E-07	2.84E-06	1.76E-06	5.43E-07	2.31E-06	4.18E-07	1.39E-07	5.57E-07	3.26E-07	6.70E-08	3.93E-07
4825	624580.15	4266167.34	2.11E-06	7.27E-07	2.84E-06	1.77E-06	5.44E-07	2.31E-06	4.18E-07	1.39E-07	5.57E-07	3.26E-07	6.70E-08	3.93E-07
4826	624590.04	4266167.52	2.14E-06	7.37E-07	2.88E-06	1.79E-06	5.52E-07	2.34E-06	4.24E-07	1.41E-07	5.66E-07	3.31E-07	6.80E-08	3.99E-07
4827	624599.93	4266167.69	2.17E-06	7.48E-07	2.92E-06	1.82E-06	5.60E-07	2.38E-06	4.30E-07	1.43E-07	5.74E-07	3.36E-07	6.90E-08	4.05E-07
4828	624609.82	4266167.87	2.16E-06	7.44E-07	2.91E-06	1.81E-06	5.57E-07	2.36E-06	4.28E-07	1.42E-07	5.70E-07	3.34E-07	6.86E-08	4.02E-07
4829	624619.71	4266168.05	2.12E-06	7.30E-07	2.85E-06	1.77E-06	5.46E-07	2.32E-06	4.20E-07	1.40E-07	5.60E-07	3.27E-07	6.73E-08	3.95E-07
4830	624629.6	4266168.22	2.09E-06	7.17E-07	2.80E-06	1.74E-06	5.37E-07	2.28E-06	4.13E-07	1.37E-07	5.50E-07	3.22E-07	6.62E-08	3.88E-07
4831	624639.49	4266168.4	2.07E-06	7.11E-07	2.78E-06	1.73E-06	5.32E-07	2.26E-06	4.09E-07	1.36E-07	5.45E-07	3.19E-07	6.56E-08	3.85E-07
4832	624669.16	4266168.93	2.08E-06	7.15E-07	2.79E-06	1.74E-06	5.35E-07	2.27E-06	4.12E-07	1.37E-07	5.49E-07	3.21E-07	6.60E-08	3.87E-07
4833	624679.05	4266169.1	2.02E-06	6.96E-07	2.72E-06	1.69E-06	5.21E-07	2.21E-06	4.00E-07	1.33E-07	5.34E-07	3.12E-07	6.42E-08	3.76E-07
4834	624688.94	4266169.28	1.96E-06	6.75E-07	2.64E-06	1.64E-06	5.06E-07	2.15E-06	3.89E-07	1.29E-07	5.18E-07	3.03E-07	6.23E-08	3.65E-07
4835	624698.82	4266169.46	1.93E-06	6.63E-07	2.59E-06	1.61E-06	4.97E-07	2.11E-06	3.82E-07	1.27E-07	5.09E-07	2.98E-07	6.12E-08	3.59E-07
4836	624708.71	4266169.63	1.92E-06	6.59E-07	2.58E-06	1.60E-06	4.94E-07	2.10E-06	3.80E-07	1.26E-07	5.06E-07	2.96E-07	6.09E-08	3.57E-07
4837	624718.6	4266169.81	1.93E-06	6.64E-07	2.59E-06	1.61E-06	4.97E-07	2.11E-06	3.82E-07	1.27E-07	5.09E-07	2.98E-07	6.13E-08	3.59E-07
4838	624748.27	4266170.34	1.93E-06	6.65E-07	2.60E-06	1.62E-06	4.98E-07	2.12E-06	3.83E-07	1.27E-07	5.10E-07	2.99E-07	6.14E-08	3.60E-07
4839	624758.16	4266170.52	1.87E-06	6.41E-07	2.51E-06	1.56E-06	4.80E-07	2.04E-06	3.69E-07	1.23E-07	4.92E-07	2.88E-07	5.92E-08	3.47E-07
4840	624768.05	4266170.69	1.80E-06	6.20E-07	2.42E-06	1.51E-06	4.64E-07	1.97E-06	3.57E-07	1.19E-07	4.76E-07	2.78E-07	5.72E-08	3.35E-07
4841	624777.94	4266170.87	1.76E-06	6.04E-07	2.36E-06	1.47E-06	4.52E-07	1.92E-06	3.48E-07	1.16E-07	4.63E-07	2.71E-07	5.57E-08	3.27E-07
4842	624787.83	4266171.05	1.73E-06	5.95E-07	2.33E-06	1.45E-06	4.46E-07	1.89E-06	3.43E-07	1.14E-07	4.57E-07	2.67E-07	5.50E-08	3.22E-07
4843	624797.72	4266171.22	1.68E-06	5.79E-07	2.26E-06	1.41E-06	4.34E-07	1.84E-06	3.33E-07	1.11E-07	4.44E-07	2.60E-07	5.35E-08	3.13E-07
4844	624807.61	4266171.4	1.57E-06	5.39E-07	2.11E-06	1.31E-06	4.03E-07	1.71E-06	3.10E-07	1.03E-07	4.13E-07	2.42E-07	4.97E-08	2.91E-07
4845	624817.5	4266171.58	1.41E-06	4.84E-07	1.89E-06	1.18E-06	3.63E-07	1.54E-06	2.79E-07	9.28E-08	3.72E-07	2.17E-07	4.47E-08	2.62E-07
4846	624827.38	4266171.75	1.25E-06	4.31E-07	1.68E-06	1.05E-06	3.23E-07	1.37E-06	2.48E-07	8.25E-08	3.30E-07	1.93E-07	3.98E-08	2.33E-07
4847	624837.27	4266171.93	1.12E-06	3.84E-07	1.50E-06	9.33E-07	2.87E-07	1.22E-06	2.21E-07	7.35E-08	2.94E-07	1.72E-07	3.54E-08	2.08E-07
4848	624847.16	4266172.11	1.00E-06	3.44E-07	1.34E-06	8.36E-07	2.57E-07	1.09E-06	1.98E-07	6.59E-08	2.64E-07	1.54E-07	3.17E-08	1.86E-07
4849	624345.52	4266170.23	8.79E-07	3.02E-07	1.18E-06	7.35E-07	2.26E-07	9.61E-07	1.74E-07	5.79E-08	2.32E-07	1.36E-07	2.79E-08	1.64E-07
4850	624362.41	4266173.45	9.96E-07	3.42E-07	1.34E-06	8.32E-07	2.56E-07	1.09E-06	1.97E-07	6.56E-08	2.63E-07	1.54E-07	3.16E-08	1.85E-07
4851	624372.3	4266173.63	1.08E-06	3.70E-07	1.45E-06	9.00E-07	2.77E-07	1.18E-06	2.13E-07	7.10E-08	2.84E-07	1.66E-07	3.42E-08	2.00E-07
4852	624382.19	4266173.81	1.16E-06	3.99E-07	1.56E-06	9.70E-07	2.99E-07	1.27E-06	2.30E-07	7.65E-08	3.06E-07	1.79E-07	3.68E-08	2.16E-07
4853	624392.08	4266173.98	1.25E-06	4.31E-07	1.68E-06	1.05E-06	3.22E-07	1.37E-06	2.48E-07	8.25E-08	3.30E-07	1.93E-07	3.98E-08	2.33E-07
4854	624401.97	4266174.16	1.35E-06	4.65E-07	1.82E-06	1.13E-06	3.48E-07	1.48E-06	2.68E-07	8.91E-08	3.57E-07	2.09E-07	4.29E-08	2.52E-07
4855	624411.86	4266174.33	1.45E-06	4.97E-07	1.94E-06	1.21E-06	3.72E-07	1.58E-06	2.86E-07	9.53E-08	3.82E-07	2.23E-07	4.59E-08	2.69E-07
4856	624421.75	4266174.51	1.52E-06	5.22E-07	2.04E-06	1.27E-06	3.91E-07	1.66E-06	3.01E-07	1.00E-07	4.01E-07	2.34E-07	4.82E-08	2.82E-07
4857	624451.42	4266175.04	1.64E-06	5.65E-07	2.21E-06	1.37E-06	4.23E-07	1.79E-06	3.25E-07	1.08E-07	4.33E-07	2.53E-07	5.21E-08	3.05E-07
4858	624461.31	4266175.22	1.69E-06	5.82E-07	2.27E-06	1.41E-06	4.36E-07	1.85E-06	3.35E-07	1.11E-07	4.46E-07	2.61E-07	5.37E-08	3.15E-07
4859	624471.19	4266175.39	1.75E-06	6.01E-07	2.35E-06	1.46E-06	4.50E-07	1.91E-06	3.46E-07	1.15E-07	4.61E-07	2.70E-07	5.55E-08	3.25E-07
4860	624481.08	4266175.57	1.79E-06	6.16E-07	2.41E-06	1.50E-06	4.61E-07	1.96E-06	3.55E-07	1.18E-07	4.73E-07	2.76E-07	5.69E-08	3.33E-07
4861	624490.97	4266175.75	1.81E-06	6.23E-07	2.43E-06	1.51E-06	4.66E-07	1.98E-06	3.59E-07	1.19E-07	4.78E-07	2.80E-07	5.75E-08	3.37E-07
4862	624500.86	4266175.92	1.82E-06	6.26E-07	2.45E-06	1.52E-06	4.68E-07	1.99E-06	3.60E-07	1.20E-07	4.80E-07	2.81E-07	5.77E-08	3.38E-07
4863	624510.75	4266176.1	1.83E-06	6.28E-07	2.45E-06	1.53E-06	4.70E-07	2.00E-06	3.62E-07	1.20E-07	4.82E-07	2.82E-07	5.80E-08	3.40E-07
4864	624520.64	4266176.28	1.85E-06	6.35E-07	2.48E-06	1.54E-06	4.75E-07	2.02E-06	3.65E-07	1.22E-07	4.87E-07	2.85E-07	5.86E-08	3.43E-07
4865	624530.53	4266176.45	1.88E-06	6.48E-07	2.53E-06	1.57E-06	4.85E-07	2.06E-06	3.73E-07	1.24E-07	4.97E-07	2.91E-07	5.98E-08	3.51E-07
4866	624540.42	4266176.63	1.92E-06	6.61E-07	2.58E-06	1.61E-06	4.95E-07	2.10E-06	3.81E-07	1.27E-07	5.07E-07	2.97E-07	6.10E-08	3.58E-07
4867	624550.31	4266176.81	1.94E-06	6.67E-07	2.61E-06	1.62E-06	4.99E-07	2.12E-06	3.84E-07	1.28E-07	5.12E-07	2.99E-07	6.15E-08	3.61E-07
4868	624560.2	4266176.98	1.93E-06	6.65E-07	2.60E-06	1.62E-06	4.98E-07	2.11E-06	3.83E-07	1.27E-07	5.10E-07	2.98E-07	6.14E-08	3.60E-07
4869	624570.09	4266177.16	1.92E-06	6.60E-07	2.58E-06	1.60E-06	4.94E-07	2.10E-06	3.80E-07	1.27E-07	5.07E-07	2.96E-07	6.09E-08	3.57E-07
4870	624579.98	4266177.34	1.92E-06	6.59E-07	2.57E-06	1.60E-06	4.93E-07	2.09E-06	3.79E-07	1.26E-07	5.05E-07	2.96E-07	6.08E-08	3.56E-07
4871	624589.87	4266177.51	1.93E-06	6.63E-07	2.59E-06	1.61E-06	4.97E-07	2.11E-06	3.82E-07	1.27E-07	5.09E-07	2.98E-07	6.12E-08	3.59E-07
4872	624599.75	4266177.69	1.95E-06	6.70E-07	2.62E-06	1.63E-06	5.02E-07	2.13E-06	3.86E-07	1.28E-07	5.14E-07	3.01E-07	6.19E-08	3.63E-07
4873	624609.64	4266177.87	1.95E-06	6.71E-07	2.62E-06	1.63E-06	5.02E-07	2.13E-06	3.86E-07	1.29E-07	5.15E-07	3.01E-07	6.19E-08	3.63E-07
4874	624619.53	4266178.04	1.93E-06	6.64E-07	2.60E-06	1.61E-06	4.97E-07	2.11E-06	3.82E-07	1.27E-07	5.10E-07	2.98E-07	6.13E-08	3.59E-07
4875	624629.42	4266178.22	1.90E-06	6.54E-07	2.56E-06	1.59E-06	4.90E-07	2.08E-06	3.77E-07	1.25E-07	5.02E-07	2.94E-07	6.04E-08	3.54E-07
4876	624639.31	4266178.4	1.88E-06	6.46E-07	2.52E-06	1.57E-06	4.84E-07	2.05E-06	3.72E-07	1.24E-07	4.95E-07	2.90E-07	5.96E-08	3.49E-07
4877	624668.98	4266178.93	1.87E-06	6.44E-07	2.52E-06	1.57E-06	4.82E-07	2.05E-06	3.71E-07	1.23E-07	4.94E-07	2.89E-07	5.95E-08	3.49E-07
4878	624678.87	4266179.1	1.85E-06	6.35E-07	2.48E-06	1.54E-06	4.75E-07	2.02E-06	3.65E-07	1.22E-07	4.87E-07	2.85E-07	5.86E-08	3.43E-07
4879	624688.76	4266179.28	1.81E-06	6.21E-07	2.43E-06	1.51E-06	4.65E-07	1.98E-06	3.58E-07	1.19E-07	4.77E-07	2.79E-07	5.73E-08	3.36E-07
4880	624698.65	4266179.46	1.77E-06	6.09E-07	2.38E-06	1.48E-06	4.56E-07	1.94E-06	3.51E-07	1.17E-07	4.68E-07	2.73E-07	5.62E-08	3.30E-07
4881	624708.54	4266179.63	1.75E-06	6.01E-07	2.35E-06	1.46E-06	4.50E-07	1.91E-06	3.46E-07	1.15E-07	4.61E-07	2.70E-07	5.55E-08	3.25E-07
4882	624718.42	4266179.81	1.74E-06	5.99E-07	2.34E-06	1.45E-06	4.48E-07	1.90E-06	3.45E-07	1.15E-07	4.59E-07	2.69E-07	5.52E-08	3.24E-07
4883	624748.09	4266180.34	1.74E-06	5.97E-07	2.33E-06	1.45E-06	4.47E-07	1.90E-06	3.44E-07	1.14E-07	4.58E-07	2.68E-07	5.51E-08	3.23E-07
4884	624757.98	4266180.52	1.69E-06	5.80E-07	2.27E-06	1.41E-06	4.34E-07	1.84E-06	3.34E-07	1.11E-07	4.45E-07	2.60E-07	5.35E-08	3.14E-07
4885	624767.87	4266180.69	1.63E-06	5.59E-07	2.19E-06	1.36E-06	4.19E-07	1.78E-06	3.22E-07	1.07E-07	4.29E-07	2.51E-07	5.16E-08	3.03E-07
4886	624777.76	4266180.87	1.57E-06	5.41E-07	2.11E-06	1.31E-06	4.05E-07	1.72E-06	3.11E-07	1.04E-07	4.15E-07	2.43E-07	4.99E-08	2.93E-07
4887	624787.65	4266181.05	1.53E-06	5.27E-07	2.06E-06	1.28E-06	3.95E-07	1.68E-06	3.03E-07	1.01E-07	4.04E-07	2.37E-07	4.87E-08	2.85E-07
4888	624797.54	4266181.22	1.49E-06	5.12E-07	2.00E-06	1.24E-06	3.83E-07	1.63E-06	2.94E-07	9.80E-08	3.92E-07	2.30E-07	4.72E-08	2.77E-07
4889	624807.43	4266181.4	1.41E-06	4.84E-07	1.89E-06	1.18E-06	3.62E-07	1.54E-06	2.79E-07	9.27E-08	3.71E-07	2.17E-07	4.47E-08	2.62E-07
4890	624817.32	4266181.58	1.30E-06	4.46E-07	1.74E-06	1.08E-06	3.34E-07	1.42E-06	2.57E-07	8.54E-08	3.42E-07	2.00E-07	4.11E-08	2.41E-07
4891	624827.21	4266181.75	1.18E-06	4.04E-07	1.58E-06	9.83E-07	3.03E-07	1.29E-06	2.33E-07	7.75E-08	3.10E-07	1.81E-07	3.73E-08	2.19E-07
4892	624837.1	4266181.93	1.06E-06	3.65E-07	1.43E-06	8.87E-07	2.73E-07	1.16E-06	2.10E-07	7.00E-08	2.80E-07	1.64E-07	3.37E-08	1.98E-07

4893	624846.98	4266182.11	9.61E-07	3.30E-07	1.29E-06	8.03E-07	2.47E-07	1.05E-06	1.90E-07	6.33E-08	2.53E-07	1.48E-07	3.05E-08	1.79E-07
4894	624345.34	4266180.23	8.37E-07	2.88E-07	1.12E-06	6.99E-07	2.15E-07	9.15E-07	1.66E-07	5.51E-08	2.21E-07	1.29E-07	2.66E-08	1.56E-07
4895	624331.33	4266174.15	7.71E-07	2.65E-07	1.04E-06	6.44E-07	1.99E-07	8.43E-07	1.53E-07	5.08E-08	2.03E-07	1.19E-07	2.45E-08	1.43E-07
4896	624321.51	4266164	7.39E-07	2.54E-07	9.93E-07	6.18E-07	1.90E-07	8.08E-07	1.46E-07	4.87E-08	1.95E-07	1.14E-07	2.35E-08	1.37E-07
4897	624362.23	4266183.45	9.31E-07	3.20E-07	1.25E-06	7.78E-07	2.40E-07	1.02E-06	1.84E-07	6.13E-08	2.46E-07	1.44E-07	2.96E-08	1.73E-07
4898	624372.12	4266183.63	9.96E-07	3.43E-07	1.34E-06	8.33E-07	2.56E-07	1.09E-06	1.97E-07	6.56E-08	2.63E-07	1.54E-07	3.16E-08	1.85E-07
4899	624382.01	4266183.8	1.06E-06	3.66E-07	1.43E-06	8.89E-07	2.74E-07	1.16E-06	2.11E-07	7.01E-08	2.81E-07	1.64E-07	3.38E-08	1.98E-07
4900	624391.9	4266183.98	1.14E-06	3.91E-07	1.53E-06	9.52E-07	2.93E-07	1.24E-06	2.25E-07	7.50E-08	3.00E-07	1.76E-07	3.61E-08	2.12E-07
4901	624401.79	4266184.16	1.22E-06	4.19E-07	1.64E-06	1.02E-06	3.14E-07	1.33E-06	2.41E-07	8.03E-08	3.21E-07	1.88E-07	3.87E-08	2.27E-07
4902	624411.68	4266184.33	1.30E-06	4.46E-07	1.74E-06	1.08E-06	3.34E-07	1.42E-06	2.57E-07	8.55E-08	3.42E-07	2.00E-07	4.12E-08	2.41E-07
4903	624421.57	4266184.51	1.36E-06	4.69E-07	1.83E-06	1.14E-06	3.51E-07	1.49E-06	2.70E-07	8.99E-08	3.60E-07	2.11E-07	4.33E-08	2.54E-07
4904	624451.24	4266185.04	1.49E-06	5.12E-07	2.00E-06	1.24E-06	3.83E-07	1.63E-06	2.94E-07	9.80E-08	3.92E-07	2.30E-07	4.72E-08	2.77E-07
4905	624461.13	4266185.22	1.53E-06	5.26E-07	2.06E-06	1.28E-06	3.94E-07	1.67E-06	3.03E-07	1.01E-07	4.03E-07	2.36E-07	4.85E-08	2.84E-07
4906	624471.02	4266185.39	1.58E-06	5.42E-07	2.12E-06	1.32E-06	4.06E-07	1.72E-06	3.12E-07	1.04E-07	4.16E-07	2.43E-07	5.00E-08	2.93E-07
4907	624480.91	4266185.57	1.62E-06	5.56E-07	2.17E-06	1.35E-06	4.16E-07	1.77E-06	3.20E-07	1.06E-07	4.26E-07	2.49E-07	5.13E-08	3.01E-07
4908	624490.79	4266185.75	1.64E-06	5.65E-07	2.21E-06	1.37E-06	4.23E-07	1.80E-06	3.25E-07	1.08E-07	4.33E-07	2.53E-07	5.21E-08	3.05E-07
4909	624500.68	4266185.92	1.66E-06	5.69E-07	2.22E-06	1.38E-06	4.26E-07	1.81E-06	3.28E-07	1.09E-07	4.37E-07	2.55E-07	5.25E-08	3.08E-07
4910	624510.57	4266186.1	1.66E-06	5.72E-07	2.24E-06	1.39E-06	4.29E-07	1.82E-06	3.29E-07	1.10E-07	4.39E-07	2.57E-07	5.28E-08	3.10E-07
4911	624520.46	4266186.28	1.68E-06	5.78E-07	2.26E-06	1.40E-06	4.32E-07	1.84E-06	3.32E-07	1.11E-07	4.43E-07	2.59E-07	5.33E-08	3.12E-07
4912	624530.35	4266186.45	1.71E-06	5.86E-07	2.29E-06	1.43E-06	4.39E-07	1.86E-06	3.38E-07	1.12E-07	4.50E-07	2.63E-07	5.41E-08	3.17E-07
4913	624540.24	4266186.63	1.73E-06	5.96E-07	2.33E-06	1.45E-06	4.47E-07	1.90E-06	3.43E-07	1.14E-07	4.58E-07	2.68E-07	5.50E-08	3.23E-07
4914	624550.13	4266186.81	1.75E-06	6.03E-07	2.36E-06	1.47E-06	4.51E-07	1.92E-06	3.47E-07	1.15E-07	4.62E-07	2.70E-07	5.56E-08	3.26E-07
4915	624560.02	4266186.98	1.76E-06	6.04E-07	2.36E-06	1.47E-06	4.52E-07	1.92E-06	3.47E-07	1.16E-07	4.63E-07	2.71E-07	5.57E-08	3.27E-07
4916	624569.91	4266187.16	1.75E-06	6.01E-07	2.35E-06	1.46E-06	4.50E-07	1.91E-06	3.46E-07	1.15E-07	4.61E-07	2.70E-07	5.55E-08	3.25E-07
4917	624579.8	4266187.34	1.74E-06	6.00E-07	2.34E-06	1.46E-06	4.49E-07	1.91E-06	3.45E-07	1.15E-07	4.60E-07	2.69E-07	5.54E-08	3.24E-07
4918	624589.69	4266187.51	1.75E-06	6.02E-07	2.35E-06	1.46E-06	4.51E-07	1.91E-06	3.46E-07	1.15E-07	4.62E-07	2.70E-07	5.56E-08	3.26E-07
4919	624599.58	4266187.69	1.76E-06	6.06E-07	2.37E-06	1.47E-06	4.54E-07	1.93E-06	3.49E-07	1.16E-07	4.65E-07	2.72E-07	5.59E-08	3.28E-07
4920	624609.46	4266187.87	1.77E-06	6.07E-07	2.37E-06	1.48E-06	4.55E-07	1.93E-06	3.50E-07	1.16E-07	4.66E-07	2.73E-07	5.61E-08	3.29E-07
4921	624619.35	4266188.04	1.76E-06	6.04E-07	2.36E-06	1.47E-06	4.52E-07	1.92E-06	3.48E-07	1.16E-07	4.63E-07	2.71E-07	5.57E-08	3.27E-07
4922	624629.24	4266188.22	1.73E-06	5.96E-07	2.33E-06	1.45E-06	4.47E-07	1.90E-06	3.43E-07	1.14E-07	4.58E-07	2.68E-07	5.50E-08	3.23E-07
4923	624639.13	4266188.4	1.71E-06	5.89E-07	2.30E-06	1.43E-06	4.41E-07	1.87E-06	3.39E-07	1.13E-07	4.52E-07	2.64E-07	5.44E-08	3.19E-07
4924	624668.8	4266188.92	1.70E-06	5.84E-07	2.28E-06	1.42E-06	4.37E-07	1.86E-06	3.36E-07	1.12E-07	4.48E-07	2.62E-07	5.39E-08	3.16E-07
4925	624678.69	4266189.1	1.68E-06	5.78E-07	2.26E-06	1.41E-06	4.33E-07	1.84E-06	3.33E-07	1.11E-07	4.44E-07	2.60E-07	5.34E-08	3.13E-07
4926	624688.58	4266189.28	1.66E-06	5.69E-07	2.23E-06	1.38E-06	4.26E-07	1.81E-06	3.28E-07	1.09E-07	4.37E-07	2.55E-07	5.25E-08	3.08E-07
4927	624698.47	4266189.45	1.63E-06	5.59E-07	2.18E-06	1.36E-06	4.18E-07	1.78E-06	3.22E-07	1.07E-07	4.29E-07	2.51E-07	5.16E-08	3.02E-07
4928	624708.36	4266189.63	1.60E-06	5.49E-07	2.15E-06	1.34E-06	4.11E-07	1.75E-06	3.16E-07	1.05E-07	4.22E-07	2.47E-07	5.07E-08	2.97E-07
4929	624718.25	4266189.81	1.58E-06	5.44E-07	2.13E-06	1.32E-06	4.07E-07	1.73E-06	3.13E-07	1.04E-07	4.17E-07	2.44E-07	5.02E-08	2.94E-07
4930	624747.91	4266190.34	1.56E-06	5.36E-07	2.09E-06	1.30E-06	4.01E-07	1.70E-06	3.08E-07	1.03E-07	4.11E-07	2.40E-07	4.95E-08	2.90E-07
4931	624757.8	4266190.51	1.52E-06	5.23E-07	2.04E-06	1.27E-06	3.91E-07	1.66E-06	3.01E-07	1.00E-07	4.01E-07	2.35E-07	4.83E-08	2.83E-07
4932	624767.69	4266190.69	1.47E-06	5.05E-07	1.97E-06	1.23E-06	3.78E-07	1.61E-06	2.91E-07	9.68E-08	3.88E-07	2.27E-07	4.66E-08	2.73E-07
4933	624777.58	4266190.87	1.42E-06	4.88E-07	1.91E-06	1.19E-06	3.65E-07	1.55E-06	2.81E-07	9.34E-08	3.74E-07	2.19E-07	4.50E-08	2.64E-07
4934	624787.47	4266191.04	1.37E-06	4.73E-07	1.85E-06	1.15E-06	3.54E-07	1.50E-06	2.72E-07	9.06E-08	3.63E-07	2.12E-07	4.36E-08	2.56E-07
4935	624797.36	4266191.22	1.33E-06	4.57E-07	1.79E-06	1.11E-06	3.42E-07	1.45E-06	2.63E-07	8.76E-08	3.51E-07	2.05E-07	4.22E-08	2.47E-07
4936	624807.25	4266191.4	1.27E-06	4.37E-07	1.71E-06	1.06E-06	3.27E-07	1.39E-06	2.51E-07	8.36E-08	3.35E-07	1.96E-07	4.03E-08	2.36E-07
4937	624817.14	4266191.57	1.19E-06	4.09E-07	1.60E-06	9.94E-07	3.06E-07	1.30E-06	2.35E-07	7.84E-08	3.14E-07	1.84E-07	3.77E-08	2.21E-07
4938	624827.03	4266191.75	1.10E-06	3.77E-07	1.48E-06	9.17E-07	2.83E-07	1.20E-06	2.17E-07	7.23E-08	2.90E-07	1.69E-07	3.48E-08	2.04E-07
4939	624836.92	4266191.93	1.01E-06	3.46E-07	1.35E-06	8.40E-07	2.59E-07	1.10E-06	1.99E-07	6.62E-08	2.65E-07	1.55E-07	3.19E-08	1.87E-07
4940	624846.81	4266192.1	9.19E-07	3.16E-07	1.24E-06	7.68E-07	2.37E-07	1.00E-06	1.82E-07	6.06E-08	2.42E-07	1.42E-07	2.92E-08	1.71E-07
4941	624343.41	4266189.47	7.89E-07	2.71E-07	1.06E-06	6.60E-07	2.03E-07	8.63E-07	1.56E-07	5.20E-08	2.08E-07	1.22E-07	2.50E-08	1.47E-07
4942	624334.65	4266185.67	7.55E-07	2.60E-07	1.01E-06	6.31E-07	1.94E-07	8.26E-07	1.49E-07	4.98E-08	1.99E-07	1.17E-07	2.40E-08	1.40E-07
4943	624325.9	4266181.86	7.20E-07	2.48E-07	9.68E-07	6.02E-07	1.85E-07	7.87E-07	1.43E-07	4.75E-08	1.90E-07	1.11E-07	2.29E-08	1.34E-07
4944	624313.62	4266169.18	6.86E-07	2.36E-07	9.22E-07	5.73E-07	1.77E-07	7.50E-07	1.36E-07	4.52E-08	1.81E-07	1.06E-07	2.18E-08	1.28E-07
4945	624352.17	4266193.27	8.21E-07	2.82E-07	1.10E-06	6.86E-07	2.11E-07	8.97E-07	1.62E-07	5.41E-08	2.17E-07	1.27E-07	2.60E-08	1.53E-07
4946	624362.06	4266193.45	8.73E-07	3.00E-07	1.17E-06	7.30E-07	2.25E-07	9.54E-07	1.73E-07	5.75E-08	2.30E-07	1.35E-07	2.77E-08	1.62E-07
4947	624371.95	4266193.63	9.26E-07	3.19E-07	1.24E-06	7.74E-07	2.39E-07	1.01E-06	1.83E-07	6.10E-08	2.44E-07	1.43E-07	2.94E-08	1.72E-07
4948	624381.83	4266193.8	9.83E-07	3.38E-07	1.32E-06	8.22E-07	2.53E-07	1.07E-06	1.95E-07	6.48E-08	2.59E-07	1.52E-07	3.12E-08	1.83E-07
4949	624391.72	4266193.98	1.04E-06	3.59E-07	1.40E-06	8.73E-07	2.69E-07	1.14E-06	2.07E-07	6.88E-08	2.76E-07	1.61E-07	3.32E-08	1.94E-07
4950	624401.61	4266194.16	1.11E-06	3.82E-07	1.49E-06	9.28E-07	2.86E-07	1.21E-06	2.20E-07	7.31E-08	2.93E-07	1.71E-07	3.52E-08	2.07E-07
4951	624411.5	4266194.33	1.18E-06	4.04E-07	1.58E-06	9.83E-07	3.03E-07	1.29E-06	2.33E-07	7.75E-08	3.10E-07	1.81E-07	3.73E-08	2.19E-07
4952	624421.39	4266194.51	1.23E-06	4.25E-07	1.66E-06	1.03E-06	3.18E-07	1.35E-06	2.44E-07	8.14E-08	3.26E-07	1.91E-07	3.92E-08	2.30E-07
4953	624451.06	4266195.04	1.36E-06	4.66E-07	1.82E-06	1.13E-06	3.49E-07	1.48E-06	2.68E-07	8.93E-08	3.58E-07	2.09E-07	4.30E-08	2.52E-07
4954	624460.95	4266195.21	1.39E-06	4.79E-07	1.87E-06	1.16E-06	3.58E-07	1.52E-06	2.76E-07	9.17E-08	3.67E-07	2.15E-07	4.42E-08	2.59E-07
4955	624470.84	4266195.39	1.43E-06	4.92E-07	1.92E-06	1.20E-06	3.68E-07	1.56E-06	2.83E-07	9.43E-08	3.78E-07	2.21E-07	4.54E-08	2.66E-07
4956	624480.73	4266195.57	1.47E-06	5.04E-07	1.97E-06	1.23E-06	3.78E-07	1.60E-06	2.90E-07	9.66E-08	3.87E-07	2.26E-07	4.65E-08	2.73E-07
4957	624490.62	4266195.74	1.49E-06	5.14E-07	2.01E-06	1.25E-06	3.85E-07	1.63E-06	2.96E-07	9.84E-08	3.94E-07	2.30E-07	4.74E-08	2.78E-07
4958	624500.51	4266195.92	1.51E-06	5.19E-07	2.03E-06	1.26E-06	3.89E-07	1.65E-06	2.99E-07	9.95E-08	3.98E-07	2.33E-07	4.79E-08	2.81E-07
4959	624510.39	4266196.1	1.52E-06	5.23E-07	2.05E-06	1.27E-06	3.92E-07	1.66E-06	3.01E-07	1.00E-07	4.02E-07	2.35E-07	4.83E-08	2.83E-07
4960	624668.62	4266198.92	1.55E-06	5.33E-07	2.08E-06	1.29E-06	3.99E-07	1.69E-06	3.07E-07	1.02E-07	4.09E-07	2.39E-07	4.92E-08	2.88E-07
4961	624678.51	4266199.1	1.54E-06	5.29E-07	2.07E-06	1.29E-06	3.96E-07	1.68E-06	3.04E-07	1.01E-07	4.06E-07	2.37E-07	4.88E-08	2.86E-07
4962	624688.4	4266199.28	1.52E-06	5.22E-07	2.04E-06	1.27E-06	3.91E-07	1.66E-06	3.00E-07	1.00E-07	4.00E-07	2.34E-07	4.82E-08	2.82E-07
4963	624698.29	4266199.45	1.49E-06	5.13E-07	2.00E-06	1.25E-06	3.84E-07	1.63E-06	2.95E-07	9.83E-08	3.94E-07	2.30E-07	4.73E-08	2.78E-07
4964	624708.18	4266199.63	1.47E-06	5.04E-07	1.97E-06	1.23E-06	3.77E-07	1.60E-06	2.90E-07	9.66E-08	3.87E-07	2.26E-07	4.65E-08	2.73E-07

4965	624718.07	4266199.81	1.45E-06	4.98E-07	1.94E-06	1.21E-06	3.73E-07	1.58E-06	2.86E-07	9.53E-08	3.82E-07	2.23E-07	4.59E-08	2.69E-07
4966	624747.74	4266200.34	1.41E-06	4.84E-07	1.89E-06	1.18E-06	3.62E-07	1.54E-06	2.78E-07	9.27E-08	3.71E-07	2.17E-07	4.47E-08	2.62E-07
4967	624757.62	4266200.51	1.38E-06	4.73E-07	1.85E-06	1.15E-06	3.54E-07	1.50E-06	2.72E-07	9.06E-08	3.63E-07	2.12E-07	4.36E-08	2.56E-07
4968	624767.51	4266200.69	1.33E-06	4.58E-07	1.79E-06	1.11E-06	3.43E-07	1.46E-06	2.64E-07	8.78E-08	3.52E-07	2.06E-07	4.23E-08	2.48E-07
4969	624777.4	4266200.87	1.29E-06	4.43E-07	1.73E-06	1.08E-06	3.32E-07	1.41E-06	2.55E-07	8.49E-08	3.40E-07	1.99E-07	4.09E-08	2.40E-07
4970	624787.29	4266201.04	1.25E-06	4.28E-07	1.67E-06	1.04E-06	3.21E-07	1.36E-06	2.47E-07	8.21E-08	3.29E-07	1.92E-07	3.95E-08	2.32E-07
4971	624797.18	4266201.22	1.20E-06	4.14E-07	1.62E-06	1.01E-06	3.10E-07	1.32E-06	2.38E-07	7.93E-08	3.18E-07	1.86E-07	3.82E-08	2.24E-07
4972	624807.07	4266201.4	1.15E-06	3.97E-07	1.55E-06	9.65E-07	2.97E-07	1.26E-06	2.29E-07	7.61E-08	3.05E-07	1.78E-07	3.66E-08	2.15E-07
4973	624816.96	4266201.57	1.09E-06	3.76E-07	1.47E-06	9.14E-07	2.82E-07	1.20E-06	2.16E-07	7.20E-08	2.88E-07	1.69E-07	3.47E-08	2.03E-07
4974	624826.85	4266201.75	1.02E-06	3.52E-07	1.37E-06	8.55E-07	2.63E-07	1.12E-06	2.02E-07	6.74E-08	2.70E-07	1.58E-07	3.25E-08	1.90E-07
4975	624836.74	4266201.93	9.49E-07	3.26E-07	1.27E-06	7.93E-07	2.44E-07	1.04E-06	1.88E-07	6.25E-08	2.50E-07	1.46E-07	3.01E-08	1.76E-07
4976	624846.63	4266202.1	8.76E-07	3.01E-07	1.18E-06	7.33E-07	2.26E-07	9.58E-07	1.73E-07	5.77E-08	2.31E-07	1.35E-07	2.78E-08	1.63E-07
4977	624326.77	4266192.32	6.97E-07	2.40E-07	9.37E-07	5.83E-07	1.80E-07	7.62E-07	1.38E-07	4.59E-08	1.84E-07	1.08E-07	2.21E-08	1.30E-07
4978	624318.36	4266188.67	6.68E-07	2.30E-07	8.98E-07	5.59E-07	1.72E-07	7.31E-07	1.32E-07	4.40E-08	1.76E-07	1.03E-07	2.12E-08	1.24E-07
4979	624306.58	4266176.49	6.40E-07	2.20E-07	8.60E-07	5.35E-07	1.65E-07	7.00E-07	1.27E-07	4.22E-08	1.69E-07	9.88E-08	2.03E-08	1.19E-07
4980	624303.2	4266167.97	6.39E-07	2.20E-07	8.59E-07	5.34E-07	1.65E-07	6.99E-07	1.27E-07	4.21E-08	1.69E-07	9.87E-08	2.03E-08	1.19E-07
4981	624450.88	4266205.04	1.24E-06	4.27E-07	1.67E-06	1.04E-06	3.19E-07	1.36E-06	2.46E-07	8.18E-08	3.27E-07	1.91E-07	3.94E-08	2.31E-07
4982	624460.77	4266205.21	1.27E-06	4.38E-07	1.71E-06	1.07E-06	3.28E-07	1.39E-06	2.52E-07	8.40E-08	3.36E-07	1.97E-07	4.04E-08	2.37E-07
4983	624470.66	4266205.39	1.31E-06	4.50E-07	1.76E-06	1.09E-06	3.37E-07	1.43E-06	2.59E-07	8.62E-08	3.45E-07	2.02E-07	4.15E-08	2.43E-07
4984	624480.55	4266205.57	1.34E-06	4.61E-07	1.80E-06	1.12E-06	3.45E-07	1.46E-06	2.65E-07	8.83E-08	3.53E-07	2.07E-07	4.25E-08	2.49E-07
4985	624490.44	4266205.74	1.36E-06	4.69E-07	1.83E-06	1.14E-06	3.51E-07	1.49E-06	2.70E-07	8.99E-08	3.60E-07	2.11E-07	4.33E-08	2.54E-07
4986	624500.33	4266205.92	1.38E-06	4.76E-07	1.86E-06	1.16E-06	3.56E-07	1.51E-06	2.74E-07	9.11E-08	3.65E-07	2.13E-07	4.39E-08	2.57E-07
4987	624668.44	4266208.92	1.42E-06	4.89E-07	1.91E-06	1.19E-06	3.66E-07	1.55E-06	2.81E-07	9.37E-08	3.75E-07	2.19E-07	4.51E-08	2.65E-07
4988	624678.33	4266209.1	1.41E-06	4.86E-07	1.90E-06	1.18E-06	3.64E-07	1.54E-06	2.79E-07	9.30E-08	3.72E-07	2.18E-07	4.48E-08	2.63E-07
4989	624688.22	4266209.27	1.40E-06	4.80E-07	1.87E-06	1.17E-06	3.59E-07	1.53E-06	2.76E-07	9.19E-08	3.68E-07	2.15E-07	4.43E-08	2.60E-07
4990	624698.11	4266209.45	1.37E-06	4.72E-07	1.85E-06	1.15E-06	3.54E-07	1.50E-06	2.72E-07	9.05E-08	3.62E-07	2.12E-07	4.36E-08	2.55E-07
4991	624708	4266209.63	1.35E-06	4.64E-07	1.81E-06	1.13E-06	3.48E-07	1.48E-06	2.67E-07	8.90E-08	3.56E-07	2.08E-07	4.29E-08	2.51E-07
4992	624717.89	4266209.8	1.33E-06	4.58E-07	1.79E-06	1.11E-06	3.43E-07	1.45E-06	2.63E-07	8.77E-08	3.51E-07	2.05E-07	4.22E-08	2.48E-07
4993	624343.64	4266209.72	7.17E-07	2.47E-07	9.64E-07	6.00E-07	1.85E-07	7.84E-07	1.42E-07	4.73E-08	1.89E-07	1.11E-07	2.28E-08	1.33E-07
4994	624299.49	4266183.69	6.00E-07	2.06E-07	8.06E-07	5.02E-07	1.54E-07	6.56E-07	1.19E-07	3.95E-08	1.58E-07	9.26E-08	1.90E-08	1.12E-07
4995	624292.92	4266167.12	5.98E-07	2.06E-07	8.03E-07	5.00E-07	1.54E-07	6.54E-07	1.18E-07	3.94E-08	1.58E-07	9.23E-08	1.90E-08	1.11E-07
4996	624351.81	4266213.27	7.36E-07	2.53E-07	9.90E-07	6.16E-07	1.90E-07	8.05E-07	1.46E-07	4.85E-08	1.94E-07	1.14E-07	2.34E-08	1.37E-07
4997	624361.7	4266213.45	7.74E-07	2.66E-07	1.04E-06	6.47E-07	1.99E-07	8.47E-07	1.53E-07	5.10E-08	2.04E-07	1.19E-07	2.46E-08	1.44E-07
4998	624371.59	4266213.62	8.14E-07	2.80E-07	1.09E-06	6.80E-07	2.09E-07	8.90E-07	1.61E-07	5.36E-08	2.15E-07	1.26E-07	2.58E-08	1.51E-07
4999	624381.48	4266213.8	8.55E-07	2.94E-07	1.15E-06	7.15E-07	2.20E-07	9.35E-07	1.69E-07	5.64E-08	2.26E-07	1.32E-07	2.71E-08	1.59E-07
5000	624391.37	4266213.98	8.99E-07	3.09E-07	1.21E-06	7.51E-07	2.31E-07	9.83E-07	1.78E-07	5.92E-08	2.37E-07	1.39E-07	2.85E-08	1.67E-07
5001	624401.26	4266214.15	9.45E-07	3.25E-07	1.27E-06	7.90E-07	2.43E-07	1.03E-06	1.87E-07	6.22E-08	2.49E-07	1.46E-07	3.00E-08	1.76E-07
5002	624411.15	4266214.33	9.91E-07	3.41E-07	1.33E-06	8.28E-07	2.55E-07	1.08E-06	1.96E-07	6.53E-08	2.61E-07	1.53E-07	3.14E-08	1.84E-07
5003	624421.03	4266214.51	1.03E-06	3.56E-07	1.39E-06	8.65E-07	2.66E-07	1.13E-06	2.05E-07	6.82E-08	2.73E-07	1.60E-07	3.28E-08	1.92E-07
5004	624450.7	4266215.03	1.14E-06	3.93E-07	1.53E-06	9.54E-07	2.94E-07	1.25E-06	2.26E-07	7.52E-08	3.01E-07	1.76E-07	3.62E-08	2.12E-07
5005	624460.59	4266215.21	1.17E-06	4.03E-07	1.58E-06	9.80E-07	3.02E-07	1.28E-06	2.32E-07	7.73E-08	3.09E-07	1.81E-07	3.72E-08	2.18E-07
5006	624470.48	4266215.39	1.20E-06	4.13E-07	1.62E-06	1.01E-06	3.10E-07	1.31E-06	2.38E-07	7.92E-08	3.17E-07	1.86E-07	3.82E-08	2.24E-07
5007	624480.37	4266215.56	1.23E-06	4.23E-07	1.65E-06	1.03E-06	3.17E-07	1.34E-06	2.44E-07	8.11E-08	3.25E-07	1.90E-07	3.90E-08	2.29E-07
5008	624490.26	4266215.74	1.25E-06	4.31E-07	1.68E-06	1.05E-06	3.23E-07	1.37E-06	2.48E-07	8.26E-08	3.31E-07	1.93E-07	3.98E-08	2.33E-07
5009	624500.15	4266215.92	1.27E-06	4.37E-07	1.71E-06	1.06E-06	3.28E-07	1.39E-06	2.52E-07	8.38E-08	3.36E-07	1.96E-07	4.04E-08	2.37E-07
5010	624529.82	4266216.45	1.31E-06	4.52E-07	1.77E-06	1.10E-06	3.38E-07	1.44E-06	2.60E-07	8.66E-08	3.47E-07	2.03E-07	4.17E-08	2.45E-07
5011	624539.7	4266216.62	1.33E-06	4.57E-07	1.78E-06	1.11E-06	3.42E-07	1.45E-06	2.63E-07	8.75E-08	3.50E-07	2.05E-07	4.22E-08	2.47E-07
5012	624549.59	4266216.8	1.34E-06	4.61E-07	1.80E-06	1.12E-06	3.45E-07	1.46E-06	2.65E-07	8.82E-08	3.53E-07	2.07E-07	4.25E-08	2.49E-07
5013	624559.48	4266216.98	1.35E-06	4.63E-07	1.81E-06	1.13E-06	3.47E-07	1.47E-06	2.67E-07	8.87E-08	3.55E-07	2.08E-07	4.27E-08	2.51E-07
5014	624569.37	4266217.15	1.35E-06	4.65E-07	1.82E-06	1.13E-06	3.48E-07	1.48E-06	2.67E-07	8.90E-08	3.56E-07	2.08E-07	4.29E-08	2.51E-07
5015	624579.26	4266217.33	1.35E-06	4.65E-07	1.82E-06	1.13E-06	3.48E-07	1.48E-06	2.68E-07	8.91E-08	3.57E-07	2.09E-07	4.29E-08	2.52E-07
5016	624589.15	4266217.51	1.35E-06	4.66E-07	1.82E-06	1.13E-06	3.49E-07	1.48E-06	2.68E-07	8.92E-08	3.57E-07	2.09E-07	4.30E-08	2.52E-07
5017	624599.04	4266217.68	1.36E-06	4.66E-07	1.82E-06	1.13E-06	3.49E-07	1.48E-06	2.68E-07	8.93E-08	3.58E-07	2.09E-07	4.30E-08	2.52E-07
5018	624608.93	4266217.86	1.36E-06	4.66E-07	1.82E-06	1.13E-06	3.49E-07	1.48E-06	2.68E-07	8.93E-08	3.58E-07	2.09E-07	4.30E-08	2.52E-07
5019	624618.82	4266218.04	1.35E-06	4.65E-07	1.82E-06	1.13E-06	3.48E-07	1.48E-06	2.68E-07	8.91E-08	3.57E-07	2.09E-07	4.29E-08	2.51E-07
5020	624668.26	4266218.92	1.31E-06	4.51E-07	1.76E-06	1.10E-06	3.38E-07	1.43E-06	2.60E-07	8.65E-08	3.46E-07	2.02E-07	4.16E-08	2.44E-07
5021	624678.15	4266219.1	1.30E-06	4.48E-07	1.75E-06	1.09E-06	3.35E-07	1.42E-06	2.58E-07	8.58E-08	3.44E-07	2.01E-07	4.13E-08	2.42E-07
5022	624688.04	4266219.27	1.29E-06	4.43E-07	1.73E-06	1.08E-06	3.31E-07	1.41E-06	2.55E-07	8.48E-08	3.40E-07	1.99E-07	4.09E-08	2.40E-07
5023	624697.93	4266219.45	1.27E-06	4.36E-07	1.70E-06	1.06E-06	3.27E-07	1.39E-06	2.51E-07	8.36E-08	3.35E-07	1.96E-07	4.03E-08	2.36E-07
5024	624707.82	4266219.63	1.25E-06	4.29E-07	1.68E-06	1.04E-06	3.21E-07	1.37E-06	2.47E-07	8.23E-08	3.29E-07	1.93E-07	3.96E-08	2.32E-07
5025	624717.71	4266219.8	1.23E-06	4.23E-07	1.65E-06	1.03E-06	3.16E-07	1.34E-06	2.43E-07	8.10E-08	3.24E-07	1.90E-07	3.90E-08	2.29E-07
5026	624343.62	4266219.79	6.84E-07	2.35E-07	9.19E-07	5.72E-07	1.76E-07	7.48E-07	1.35E-07	4.51E-08	1.80E-07	1.06E-07	2.17E-08	1.27E-07
5027	624327.61	4266212.84	6.48E-07	2.23E-07	8.70E-07	5.41E-07	1.67E-07	7.08E-07	1.28E-07	4.27E-08	1.71E-07	9.99E-08	2.06E-08	1.20E-07
5028	624292.37	4266190.81	5.64E-07	1.94E-07	7.58E-07	4.72E-07	1.45E-07	6.17E-07	1.12E-07	3.72E-08	1.49E-07	8.71E-08	1.79E-08	1.05E-07
5029	624289.15	4266182.7	5.64E-07	1.94E-07	7.58E-07	4.72E-07	1.45E-07	6.17E-07	1.12E-07	3.72E-08	1.49E-07	8.70E-08	1.79E-08	1.05E-07
5030	624282.72	4266166.47	5.61E-07	1.93E-07	7.54E-07	4.69E-07	1.44E-07	6.13E-07	1.11E-07	3.70E-08	1.48E-07	8.65E-08	1.78E-08	1.04E-07
5031	624361.52	4266223.44	7.33E-07	2.52E-07	9.85E-07	6.13E-07	1.89E-07	8.01E-07	1.45E-07	4.83E-08	1.93E-07	1.13E-07	2.33E-08	1.36E-07
5032	624371.41	4266223.62	7.67E-07	2.64E-07	1.03E-06	6.41E-07	1.98E-07	8.39E-07	1.52E-07	5.06E-08	2.02E-07	1.18E-07	2.44E-08	1.43E-07
5033	624381.3	4266223.8	8.03E-07	2.76E-07	1.08E-06	6.72E-07	2.07E-07	8.78E-07	1.59E-07	5.29E-08	2.12E-07	1.24E-07	2.55E-08	1.49E-07
5034	624391.19	4266223.97	8.41E-07	2.89E-07	1.13E-06	7.03E-07	2.16E-07	9.19E-07	1.66E-07	5.54E-08	2.22E-07	1.30E-07	2.67E-08	1.56E-07
5035	624401.08	4266224.15	8.79E-07	3.02E-07	1.18E-06	7.35E-07	2.26E-07	9.62E-07	1.74E-07	5.79E-08	2.32E-07	1.36E-07	2.79E-08	1.64E-07
5036	624410.97	4266224.33	9.19E-07	3.16E-07	1.23E-06	7.68E-07	2.36E-07	1.00E-06	1.82E-07	6.05E-08	2.42E-07	1.42E-07	2.92E-08	1.71E-07

5037	624420.86	4266224.5	9.57E-07	3.29E-07	1.29E-06	8.00E-07	2.46E-07	1.05E-06	1.89E-07	6.30E-08	2.52E-07	1.48E-07	3.04E-08	1.78E-07
5038	624450.52	4266225.03	1.06E-06	3.63E-07	1.42E-06	8.82E-07	2.72E-07	1.15E-06	2.09E-07	6.95E-08	2.78E-07	1.63E-07	3.35E-08	1.96E-07
5039	624460.41	4266225.21	1.08E-06	3.73E-07	1.46E-06	9.06E-07	2.79E-07	1.18E-06	2.14E-07	7.14E-08	2.86E-07	1.67E-07	3.44E-08	2.02E-07
5040	624470.3	4266225.39	1.11E-06	3.82E-07	1.49E-06	9.28E-07	2.86E-07	1.21E-06	2.20E-07	7.32E-08	2.93E-07	1.71E-07	3.52E-08	2.07E-07
5041	624480.19	4266225.56	1.14E-06	3.90E-07	1.53E-06	9.49E-07	2.92E-07	1.24E-06	2.25E-07	7.48E-08	2.99E-07	1.75E-07	3.60E-08	2.11E-07
5042	624490.08	4266225.74	1.16E-06	3.98E-07	1.55E-06	9.67E-07	2.98E-07	1.26E-06	2.29E-07	7.62E-08	3.05E-07	1.79E-07	3.67E-08	2.15E-07
5043	624499.97	4266225.92	1.18E-06	4.04E-07	1.58E-06	9.82E-07	3.03E-07	1.28E-06	2.33E-07	7.74E-08	3.10E-07	1.81E-07	3.73E-08	2.19E-07
5044	624529.64	4266226.45	1.22E-06	4.18E-07	1.63E-06	1.02E-06	3.13E-07	1.33E-06	2.41E-07	8.01E-08	3.21E-07	1.88E-07	3.86E-08	2.26E-07
5045	624539.53	4266226.62	1.23E-06	4.22E-07	1.65E-06	1.03E-06	3.16E-07	1.34E-06	2.43E-07	8.09E-08	3.24E-07	1.89E-07	3.90E-08	2.28E-07
5046	624549.42	4266226.8	1.24E-06	4.26E-07	1.66E-06	1.03E-06	3.19E-07	1.35E-06	2.45E-07	8.15E-08	3.27E-07	1.91E-07	3.93E-08	2.30E-07
5047	624559.3	4266226.98	1.25E-06	4.28E-07	1.67E-06	1.04E-06	3.21E-07	1.36E-06	2.46E-07	8.20E-08	3.28E-07	1.92E-07	3.95E-08	2.32E-07
5048	624569.19	4266227.15	1.25E-06	4.30E-07	1.68E-06	1.04E-06	3.22E-07	1.37E-06	2.47E-07	8.24E-08	3.30E-07	1.93E-07	3.97E-08	2.33E-07
5049	624579.08	4266227.33	1.25E-06	4.31E-07	1.68E-06	1.05E-06	3.23E-07	1.37E-06	2.48E-07	8.25E-08	3.31E-07	1.93E-07	3.98E-08	2.33E-07
5050	624588.97	4266227.51	1.25E-06	4.31E-07	1.69E-06	1.05E-06	3.23E-07	1.37E-06	2.48E-07	8.26E-08	3.31E-07	1.94E-07	3.98E-08	2.33E-07
5051	624598.86	4266227.68	1.25E-06	4.32E-07	1.69E-06	1.05E-06	3.23E-07	1.37E-06	2.48E-07	8.27E-08	3.31E-07	1.94E-07	3.98E-08	2.33E-07
5052	624608.75	4266227.86	1.25E-06	4.31E-07	1.69E-06	1.05E-06	3.23E-07	1.37E-06	2.48E-07	8.26E-08	3.31E-07	1.94E-07	3.98E-08	2.33E-07
5053	624618.64	4266228.04	1.25E-06	4.30E-07	1.68E-06	1.05E-06	3.22E-07	1.37E-06	2.48E-07	8.24E-08	3.30E-07	1.93E-07	3.97E-08	2.33E-07
5054	624628.53	4266228.21	1.25E-06	4.29E-07	1.67E-06	1.04E-06	3.21E-07	1.36E-06	2.47E-07	8.21E-08	3.29E-07	1.92E-07	3.95E-08	2.32E-07
5055	624638.42	4266228.39	1.24E-06	4.26E-07	1.67E-06	1.04E-06	3.19E-07	1.35E-06	2.45E-07	8.16E-08	3.27E-07	1.91E-07	3.93E-08	2.31E-07
5056	624668.09	4266228.92	1.22E-06	4.18E-07	1.63E-06	1.02E-06	3.13E-07	1.33E-06	2.41E-07	8.01E-08	3.21E-07	1.88E-07	3.86E-08	2.26E-07
5057	624677.98	4266229.1	1.21E-06	4.15E-07	1.62E-06	1.01E-06	3.11E-07	1.32E-06	2.39E-07	7.95E-08	3.18E-07	1.86E-07	3.83E-08	2.24E-07
5058	624687.86	4266229.27	1.19E-06	4.10E-07	1.60E-06	9.97E-07	3.07E-07	1.30E-06	2.36E-07	7.86E-08	3.15E-07	1.84E-07	3.79E-08	2.22E-07
5059	624697.75	4266229.45	1.18E-06	4.05E-07	1.58E-06	9.83E-07	3.03E-07	1.29E-06	2.33E-07	7.75E-08	3.10E-07	1.82E-07	3.73E-08	2.19E-07
5060	624707.64	4266229.62	1.16E-06	3.98E-07	1.56E-06	9.68E-07	2.98E-07	1.27E-06	2.29E-07	7.63E-08	3.06E-07	1.79E-07	3.68E-08	2.16E-07
5061	624717.53	4266229.8	1.14E-06	3.92E-07	1.53E-06	9.53E-07	2.93E-07	1.25E-06	2.26E-07	7.51E-08	3.01E-07	1.76E-07	3.62E-08	2.12E-07
5062	624747.2	4266230.33	1.08E-06	3.72E-07	1.45E-06	9.04E-07	2.79E-07	1.18E-06	2.14E-07	7.13E-08	2.85E-07	1.67E-07	3.43E-08	2.01E-07
5063	624757.09	4266230.51	1.06E-06	3.64E-07	1.42E-06	8.85E-07	2.72E-07	1.16E-06	2.09E-07	6.97E-08	2.79E-07	1.63E-07	3.36E-08	1.97E-07
5064	624766.98	4266230.68	1.03E-06	3.55E-07	1.39E-06	8.62E-07	2.66E-07	1.13E-06	2.04E-07	6.80E-08	2.72E-07	1.59E-07	3.27E-08	1.92E-07
5065	624776.87	4266230.86	1.00E-06	3.45E-07	1.35E-06	8.38E-07	2.58E-07	1.10E-06	1.98E-07	6.61E-08	2.65E-07	1.55E-07	3.18E-08	1.87E-07
5066	624786.76	4266231.04	9.72E-07	3.34E-07	1.31E-06	8.13E-07	2.50E-07	1.06E-06	1.92E-07	6.41E-08	2.57E-07	1.50E-07	3.09E-08	1.81E-07
5067	624796.65	4266231.21	9.42E-07	3.24E-07	1.27E-06	7.87E-07	2.42E-07	1.03E-06	1.86E-07	6.20E-08	2.48E-07	1.45E-07	2.99E-08	1.75E-07
5068	624806.53	4266231.39	9.10E-07	3.13E-07	1.22E-06	7.60E-07	2.34E-07	9.95E-07	1.80E-07	5.99E-08	2.40E-07	1.40E-07	2.89E-08	1.69E-07
5069	624816.42	4266231.57	8.75E-07	3.01E-07	1.18E-06	7.31E-07	2.25E-07	9.57E-07	1.73E-07	5.77E-08	2.31E-07	1.35E-07	2.78E-08	1.63E-07
5070	624826.31	4266231.74	8.37E-07	2.88E-07	1.12E-06	7.00E-07	2.15E-07	9.15E-07	1.66E-07	5.51E-08	2.21E-07	1.29E-07	2.66E-08	1.56E-07
5071	624836.2	4266231.92	7.96E-07	2.74E-07	1.07E-06	6.65E-07	2.05E-07	8.70E-07	1.58E-07	5.24E-08	2.10E-07	1.23E-07	2.53E-08	1.48E-07
5072	624846.09	4266232.1	7.53E-07	2.59E-07	1.01E-06	6.29E-07	1.94E-07	8.23E-07	1.49E-07	4.96E-08	1.99E-07	1.16E-07	2.39E-08	1.40E-07
5073	624342.45	4266229.35	6.51E-07	2.24E-07	8.75E-07	5.44E-07	1.68E-07	7.12E-07	1.29E-07	4.29E-08	1.72E-07	1.00E-07	2.07E-08	1.21E-07
5074	624333.44	4266225.44	6.34E-07	2.18E-07	8.52E-07	5.30E-07	1.63E-07	6.93E-07	1.26E-07	4.18E-08	1.67E-07	9.79E-08	2.01E-08	1.18E-07
5075	624324.43	4266221.53	6.16E-07	2.12E-07	8.27E-07	5.15E-07	1.58E-07	6.73E-07	1.22E-07	4.06E-08	1.62E-07	9.50E-08	1.95E-08	1.15E-07
5076	624315.42	4266217.62	5.95E-07	2.05E-07	8.00E-07	4.98E-07	1.53E-07	6.51E-07	1.18E-07	3.92E-08	1.57E-07	9.19E-08	1.89E-08	1.11E-07
5077	624306.42	4266213.71	5.74E-07	1.98E-07	7.72E-07	4.80E-07	1.48E-07	6.28E-07	1.14E-07	3.78E-08	1.52E-07	8.86E-08	1.82E-08	1.07E-07
5078	624297.41	4266209.79	5.53E-07	1.90E-07	7.43E-07	4.62E-07	1.42E-07	6.05E-07	1.09E-07	3.64E-08	1.46E-07	8.53E-08	1.75E-08	1.03E-07
5079	624281.16	4266187.62	5.32E-07	1.83E-07	7.15E-07	4.45E-07	1.37E-07	5.82E-07	1.05E-07	3.51E-08	1.40E-07	8.21E-08	1.69E-08	9.90E-08
5080	624277.54	4266178.5	5.31E-07	1.83E-07	7.14E-07	4.44E-07	1.37E-07	5.81E-07	1.05E-07	3.50E-08	1.40E-07	8.19E-08	1.69E-08	9.88E-08
5081	624273.93	4266169.37	5.29E-07	1.82E-07	7.11E-07	4.42E-07	1.36E-07	5.78E-07	1.05E-07	3.48E-08	1.40E-07	8.16E-08	1.68E-08	9.84E-08
5082	624351.45	4266233.27	6.66E-07	2.29E-07	8.95E-07	5.57E-07	1.71E-07	7.28E-07	1.32E-07	4.39E-08	1.76E-07	1.03E-07	2.11E-08	1.24E-07
5083	624361.34	4266233.44	6.95E-07	2.39E-07	9.34E-07	5.81E-07	1.79E-07	7.60E-07	1.38E-07	4.58E-08	1.83E-07	1.07E-07	2.21E-08	1.29E-07
5084	624371.23	4266233.62	7.26E-07	2.49E-07	9.75E-07	6.06E-07	1.87E-07	7.93E-07	1.44E-07	4.78E-08	1.91E-07	1.12E-07	2.30E-08	1.35E-07
5085	624381.12	4266233.8	7.57E-07	2.60E-07	1.02E-06	6.33E-07	1.95E-07	8.28E-07	1.50E-07	4.99E-08	2.00E-07	1.17E-07	2.40E-08	1.41E-07
5086	624391.01	4266233.97	7.89E-07	2.71E-07	1.06E-06	6.60E-07	2.03E-07	8.63E-07	1.56E-07	5.20E-08	2.08E-07	1.22E-07	2.50E-08	1.47E-07
5087	624400.9	4266234.15	8.22E-07	2.83E-07	1.10E-06	6.87E-07	2.12E-07	8.99E-07	1.63E-07	5.42E-08	2.17E-07	1.27E-07	2.61E-08	1.53E-07
5088	624410.79	4266234.33	8.56E-07	2.94E-07	1.15E-06	7.15E-07	2.20E-07	9.36E-07	1.69E-07	5.64E-08	2.26E-07	1.32E-07	2.72E-08	1.59E-07
5089	624420.68	4266234.5	8.89E-07	3.06E-07	1.19E-06	7.43E-07	2.29E-07	9.72E-07	1.76E-07	5.86E-08	2.35E-07	1.37E-07	2.82E-08	1.65E-07
5090	624450.35	4266235.03	9.79E-07	3.37E-07	1.32E-06	8.18E-07	2.52E-07	1.07E-06	1.94E-07	6.45E-08	2.58E-07	1.51E-07	3.11E-08	1.82E-07
5091	624460.23	4266235.21	1.01E-06	3.46E-07	1.35E-06	8.40E-07	2.59E-07	1.10E-06	1.99E-07	6.62E-08	2.65E-07	1.55E-07	3.19E-08	1.87E-07
5092	624470.12	4266235.38	1.03E-06	3.54E-07	1.38E-06	8.60E-07	2.65E-07	1.13E-06	2.04E-07	6.78E-08	2.72E-07	1.59E-07	3.27E-08	1.92E-07
5093	624480.01	4266235.56	1.05E-06	3.62E-07	1.41E-06	8.79E-07	2.71E-07	1.15E-06	2.08E-07	6.93E-08	2.78E-07	1.62E-07	3.34E-08	1.96E-07
5094	624489.9	4266235.74	1.07E-06	3.69E-07	1.44E-06	8.96E-07	2.76E-07	1.17E-06	2.12E-07	7.06E-08	2.83E-07	1.65E-07	3.40E-08	1.99E-07
5095	624499.79	4266235.91	1.09E-06	3.75E-07	1.46E-06	9.11E-07	2.81E-07	1.19E-06	2.16E-07	7.18E-08	2.88E-07	1.68E-07	3.46E-08	2.03E-07
5096	624529.46	4266236.44	1.13E-06	3.88E-07	1.52E-06	9.44E-07	2.91E-07	1.23E-06	2.24E-07	7.44E-08	2.98E-07	1.74E-07	3.58E-08	2.10E-07
5097	624539.35	4266236.62	1.14E-06	3.92E-07	1.53E-06	9.52E-07	2.93E-07	1.25E-06	2.26E-07	7.51E-08	3.01E-07	1.76E-07	3.62E-08	2.12E-07
5098	624549.24	4266236.8	1.15E-06	3.95E-07	1.54E-06	9.60E-07	2.96E-07	1.26E-06	2.27E-07	7.57E-08	3.03E-07	1.77E-07	3.64E-08	2.14E-07
5099	624559.13	4266236.97	1.16E-06	3.97E-07	1.55E-06	9.66E-07	2.98E-07	1.26E-06	2.29E-07	7.62E-08	3.05E-07	1.78E-07	3.67E-08	2.15E-07
5100	624569.02	4266237.15	1.16E-06	3.99E-07	1.56E-06	9.71E-07	2.99E-07	1.27E-06	2.30E-07	7.65E-08	3.06E-07	1.79E-07	3.68E-08	2.16E-07
5101	624578.9	4266237.33	1.16E-06	4.00E-07	1.56E-06	9.73E-07	3.00E-07	1.27E-06	2.30E-07	7.67E-08	3.07E-07	1.80E-07	3.69E-08	2.17E-07
5102	624588.79	4266237.5	1.17E-06	4.01E-07	1.57E-06	9.74E-07	3.00E-07	1.27E-06	2.31E-07	7.68E-08	3.07E-07	1.80E-07	3.70E-08	2.17E-07
5103	624598.68	4266237.68	1.17E-06	4.01E-07	1.57E-06	9.74E-07	3.00E-07	1.27E-06	2.31E-07	7.68E-08	3.08E-07	1.80E-07	3.70E-08	2.17E-07
5104	624608.57	4266237.86	1.17E-06	4.01E-07	1.57E-06	9.74E-07	3.00E-07	1.27E-06	2.31E-07	7.68E-08	3.07E-07	1.80E-07	3.70E-08	2.17E-07
5105	624618.46	4266238.03	1.16E-06	4.00E-07	1.56E-06	9.72E-07	2.99E-07	1.27E-06	2.30E-07	7.66E-08	3.07E-07	1.79E-07	3.69E-08	2.16E-07
5106	624628.35	4266238.21	1.16E-06	3.99E-07	1.56E-06	9.69E-07	2.98E-07	1.27E-06	2.29E-07	7.64E-08	3.06E-07	1.79E-07	3.68E-08	2.16E-07
5107	624638.24	4266238.39	1.15E-06	3.97E-07	1.55E-06	9.64E-07	2.97E-07	1.26E-06	2.28E-07	7.60E-08	3.04E-07	1.78E-07	3.66E-08	2.15E-07
5108	624667.91	4266238.92	1.13E-06	3.89E-07	1.52E-06	9.45E-07	2.91E-07	1.24E-06	2.24E-07	7.45E-08	2.98E-07	1.75E-07	3.59E-08	2.10E-07

5109	624677.8	4266239.09	1.12E-06	3.86E-07	1.51E-06	9.37E-07	2.89E-07	1.23E-06	2.22E-07	7.39E-08	2.96E-07	1.73E-07	3.56E-08	2.09E-07
5110	624687.69	4266239.27	1.11E-06	3.81E-07	1.49E-06	9.27E-07	2.86E-07	1.21E-06	2.20E-07	7.31E-08	2.93E-07	1.71E-07	3.52E-08	2.06E-07
5111	624697.58	4266239.45	1.09E-06	3.76E-07	1.47E-06	9.15E-07	2.82E-07	1.20E-06	2.17E-07	7.21E-08	2.89E-07	1.69E-07	3.47E-08	2.04E-07
5112	624707.46	4266239.62	1.08E-06	3.71E-07	1.45E-06	9.01E-07	2.78E-07	1.18E-06	2.13E-07	7.10E-08	2.85E-07	1.66E-07	3.42E-08	2.01E-07
5113	624717.35	4266239.8	1.06E-06	3.65E-07	1.43E-06	8.87E-07	2.73E-07	1.16E-06	2.10E-07	6.99E-08	2.80E-07	1.64E-07	3.37E-08	1.97E-07
5114	624747.02	4266240.33	1.00E-06	3.45E-07	1.35E-06	8.39E-07	2.58E-07	1.10E-06	1.99E-07	6.61E-08	2.65E-07	1.55E-07	3.19E-08	1.87E-07
5115	624756.91	4266240.51	9.82E-07	3.38E-07	1.32E-06	8.21E-07	2.53E-07	1.07E-06	1.94E-07	6.47E-08	2.59E-07	1.52E-07	3.12E-08	1.83E-07
5116	624766.8	4266240.68	9.59E-07	3.30E-07	1.29E-06	8.01E-07	2.47E-07	1.05E-06	1.90E-07	6.32E-08	2.53E-07	1.48E-07	3.04E-08	1.78E-07
5117	624776.69	4266240.86	9.33E-07	3.21E-07	1.25E-06	7.80E-07	2.40E-07	1.02E-06	1.85E-07	6.15E-08	2.46E-07	1.44E-07	2.96E-08	1.74E-07
5118	624786.58	4266241.04	9.06E-07	3.11E-07	1.22E-06	7.57E-07	2.33E-07	9.90E-07	1.79E-07	5.97E-08	2.39E-07	1.40E-07	2.87E-08	1.69E-07
5119	624796.47	4266241.21	8.78E-07	3.02E-07	1.18E-06	7.34E-07	2.26E-07	9.60E-07	1.74E-07	5.79E-08	2.32E-07	1.36E-07	2.79E-08	1.63E-07
5120	624806.36	4266241.39	8.50E-07	2.92E-07	1.14E-06	7.11E-07	2.19E-07	9.30E-07	1.68E-07	5.60E-08	2.24E-07	1.31E-07	2.70E-08	1.58E-07
5121	624816.25	4266241.57	8.20E-07	2.82E-07	1.10E-06	6.86E-07	2.11E-07	8.97E-07	1.62E-07	5.40E-08	2.16E-07	1.27E-07	2.60E-08	1.53E-07
5122	624826.13	4266241.74	7.88E-07	2.71E-07	1.06E-06	6.58E-07	2.03E-07	8.61E-07	1.56E-07	5.19E-08	2.08E-07	1.22E-07	2.50E-08	1.47E-07
5123	624836.02	4266241.92	7.53E-07	2.59E-07	1.01E-06	6.29E-07	1.94E-07	8.23E-07	1.49E-07	4.96E-08	1.99E-07	1.16E-07	2.39E-08	1.40E-07
5124	624845.91	4266242.1	7.16E-07	2.46E-07	9.62E-07	5.99E-07	1.84E-07	7.83E-07	1.42E-07	4.72E-08	1.89E-07	1.10E-07	2.27E-08	1.33E-07
5125	624342.52	4266239.46	6.22E-07	2.14E-07	8.36E-07	5.20E-07	1.60E-07	6.80E-07	1.23E-07	4.10E-08	1.64E-07	9.60E-08	1.97E-08	1.16E-07
5126	624333.76	4266235.66	6.09E-07	2.09E-07	8.18E-07	5.09E-07	1.57E-07	6.65E-07	1.20E-07	4.01E-08	1.61E-07	9.39E-08	1.93E-08	1.13E-07
5127	624325	4266231.85	5.93E-07	2.04E-07	7.97E-07	4.96E-07	1.53E-07	6.49E-07	1.17E-07	3.91E-08	1.57E-07	9.15E-08	1.88E-08	1.10E-07
5128	624316.25	4266228.05	5.77E-07	1.98E-07	7.75E-07	4.82E-07	1.48E-07	6.30E-07	1.14E-07	3.80E-08	1.52E-07	8.90E-08	1.83E-08	1.07E-07
5129	624307.49	4266224.25	5.59E-07	1.92E-07	7.51E-07	4.67E-07	1.44E-07	6.11E-07	1.11E-07	3.68E-08	1.47E-07	8.62E-08	1.77E-08	1.04E-07
5130	624298.73	4266220.45	5.40E-07	1.86E-07	7.26E-07	4.52E-07	1.39E-07	5.91E-07	1.07E-07	3.56E-08	1.43E-07	8.34E-08	1.71E-08	1.01E-07
5131	624289.97	4266216.64	5.22E-07	1.79E-07	7.01E-07	4.36E-07	1.34E-07	5.70E-07	1.03E-07	3.44E-08	1.38E-07	8.05E-08	1.66E-08	9.70E-08
5132	624274.18	4266195.09	5.04E-07	1.73E-07	6.77E-07	4.21E-07	1.30E-07	5.51E-07	9.97E-08	3.32E-08	1.33E-07	7.77E-08	1.60E-08	9.37E-08
5133	624270.66	4266186.21	5.03E-07	1.73E-07	6.76E-07	4.20E-07	1.29E-07	5.50E-07	9.96E-08	3.31E-08	1.33E-07	7.76E-08	1.60E-08	9.36E-08
5134	624267.14	4266177.34	5.01E-07	1.72E-07	6.74E-07	4.19E-07	1.29E-07	5.48E-07	9.92E-08	3.30E-08	1.32E-07	7.73E-08	1.59E-08	9.32E-08
5135	624263.62	4266168.46	4.99E-07	1.71E-07	6.70E-07	4.17E-07	1.28E-07	5.45E-07	9.87E-08	3.29E-08	1.32E-07	7.70E-08	1.58E-08	9.28E-08
5136	624351.27	4266243.26	6.35E-07	2.18E-07	8.53E-07	5.31E-07	1.63E-07	6.94E-07	1.26E-07	4.18E-08	1.67E-07	9.80E-08	2.01E-08	1.18E-07
5137	624361.16	4266243.44	6.61E-07	2.27E-07	8.88E-07	5.52E-07	1.70E-07	7.23E-07	1.31E-07	4.35E-08	1.74E-07	1.02E-07	2.10E-08	1.23E-07
5138	624371.05	4266243.62	6.88E-07	2.37E-07	9.24E-07	5.75E-07	1.77E-07	7.52E-07	1.36E-07	4.53E-08	1.81E-07	1.06E-07	2.18E-08	1.28E-07
5139	624380.94	4266243.79	7.15E-07	2.46E-07	9.61E-07	5.98E-07	1.84E-07	7.82E-07	1.42E-07	4.71E-08	1.89E-07	1.10E-07	2.27E-08	1.33E-07
5140	624390.83	4266243.97	7.43E-07	2.56E-07	9.99E-07	6.21E-07	1.91E-07	8.13E-07	1.47E-07	4.90E-08	1.96E-07	1.15E-07	2.36E-08	1.38E-07
5141	624400.72	4266244.15	7.72E-07	2.65E-07	1.04E-06	6.45E-07	1.99E-07	8.44E-07	1.53E-07	5.08E-08	2.04E-07	1.19E-07	2.45E-08	1.44E-07
5142	624410.61	4266244.32	8.01E-07	2.75E-07	1.08E-06	6.69E-07	2.06E-07	8.76E-07	1.59E-07	5.28E-08	2.11E-07	1.24E-07	2.54E-08	1.49E-07
5143	624420.5	4266244.5	8.30E-07	2.86E-07	1.12E-06	6.94E-07	2.14E-07	9.08E-07	1.64E-07	5.47E-08	2.19E-07	1.28E-07	2.64E-08	1.54E-07
5144	624450.17	4266245.03	9.12E-07	3.14E-07	1.23E-06	7.62E-07	2.35E-07	9.97E-07	1.81E-07	6.01E-08	2.41E-07	1.41E-07	2.89E-08	1.70E-07
5145	624460.06	4266245.21	9.36E-07	3.22E-07	1.26E-06	7.82E-07	2.41E-07	1.02E-06	1.85E-07	6.16E-08	2.47E-07	1.44E-07	2.97E-08	1.74E-07
5146	624469.94	4266245.38	9.58E-07	3.29E-07	1.29E-06	8.01E-07	2.47E-07	1.05E-06	1.90E-07	6.31E-08	2.53E-07	1.48E-07	3.04E-08	1.78E-07
5147	624479.83	4266245.56	9.79E-07	3.37E-07	1.32E-06	8.18E-07	2.52E-07	1.07E-06	1.94E-07	6.45E-08	2.58E-07	1.51E-07	3.11E-08	1.82E-07
5148	624489.72	4266245.74	9.98E-07	3.43E-07	1.34E-06	8.34E-07	2.57E-07	1.09E-06	1.97E-07	6.57E-08	2.63E-07	1.54E-07	3.17E-08	1.86E-07
5149	624499.61	4266245.91	1.01E-06	3.49E-07	1.36E-06	8.48E-07	2.61E-07	1.11E-06	2.01E-07	6.69E-08	2.68E-07	1.57E-07	3.22E-08	1.89E-07
5150	624529.28	4266246.44	1.05E-06	3.62E-07	1.41E-06	8.79E-07	2.71E-07	1.15E-06	2.08E-07	6.93E-08	2.77E-07	1.62E-07	3.34E-08	1.96E-07
5151	624539.17	4266246.62	1.06E-06	3.65E-07	1.43E-06	8.87E-07	2.73E-07	1.16E-06	2.10E-07	6.99E-08	2.80E-07	1.64E-07	3.37E-08	1.97E-07
5152	624549.06	4266246.8	1.07E-06	3.68E-07	1.44E-06	8.94E-07	2.75E-07	1.17E-06	2.12E-07	7.05E-08	2.82E-07	1.65E-07	3.39E-08	1.99E-07
5153	624558.95	4266246.97	1.08E-06	3.70E-07	1.45E-06	9.00E-07	2.77E-07	1.18E-06	2.13E-07	7.09E-08	2.84E-07	1.66E-07	3.42E-08	2.00E-07
5154	624568.84	4266247.15	1.08E-06	3.72E-07	1.45E-06	9.04E-07	2.79E-07	1.18E-06	2.14E-07	7.13E-08	2.85E-07	1.67E-07	3.43E-08	2.01E-07
5155	624578.73	4266247.33	1.09E-06	3.73E-07	1.46E-06	9.07E-07	2.79E-07	1.19E-06	2.15E-07	7.15E-08	2.86E-07	1.67E-07	3.44E-08	2.02E-07
5156	624588.62	4266247.5	1.09E-06	3.74E-07	1.46E-06	9.08E-07	2.80E-07	1.19E-06	2.15E-07	7.16E-08	2.87E-07	1.68E-07	3.45E-08	2.02E-07
5157	624598.5	4266247.68	1.09E-06	3.74E-07	1.46E-06	9.08E-07	2.80E-07	1.19E-06	2.15E-07	7.16E-08	2.87E-07	1.68E-07	3.45E-08	2.02E-07
5158	624608.39	4266247.86	1.09E-06	3.74E-07	1.46E-06	9.08E-07	2.80E-07	1.19E-06	2.15E-07	7.16E-08	2.87E-07	1.68E-07	3.45E-08	2.02E-07
5159	624618.28	4266248.03	1.08E-06	3.73E-07	1.46E-06	9.07E-07	2.79E-07	1.19E-06	2.15E-07	7.15E-08	2.86E-07	1.67E-07	3.44E-08	2.02E-07
5160	624628.17	4266248.21	1.08E-06	3.72E-07	1.45E-06	9.04E-07	2.79E-07	1.18E-06	2.14E-07	7.13E-08	2.85E-07	1.67E-07	3.43E-08	2.01E-07
5161	624638.06	4266248.39	1.08E-06	3.70E-07	1.45E-06	9.00E-07	2.77E-07	1.18E-06	2.13E-07	7.10E-08	2.84E-07	1.66E-07	3.42E-08	2.00E-07
5162	624667.73	4266248.92	1.06E-06	3.63E-07	1.42E-06	8.82E-07	2.72E-07	1.15E-06	2.09E-07	6.95E-08	2.78E-07	1.63E-07	3.35E-08	1.96E-07
5163	624677.62	4266249.09	1.05E-06	3.60E-07	1.41E-06	8.74E-07	2.69E-07	1.14E-06	2.07E-07	6.89E-08	2.76E-07	1.61E-07	3.32E-08	1.95E-07
5164	624687.51	4266249.27	1.03E-06	3.56E-07	1.39E-06	8.65E-07	2.66E-07	1.13E-06	2.05E-07	6.82E-08	2.73E-07	1.60E-07	3.28E-08	1.93E-07
5165	624697.4	4266249.45	1.02E-06	3.51E-07	1.37E-06	8.54E-07	2.63E-07	1.12E-06	2.02E-07	6.73E-08	2.70E-07	1.58E-07	3.24E-08	1.90E-07
5166	624707.29	4266249.62	1.01E-06	3.46E-07	1.35E-06	8.42E-07	2.59E-07	1.10E-06	1.99E-07	6.63E-08	2.66E-07	1.55E-07	3.20E-08	1.87E-07
5167	624717.17	4266249.8	9.90E-07	3.40E-07	1.33E-06	8.28E-07	2.55E-07	1.08E-06	1.96E-07	6.52E-08	2.61E-07	1.53E-07	3.14E-08	1.84E-07
5168	624746.84	4266250.33	9.36E-07	3.22E-07	1.26E-06	7.82E-07	2.41E-07	1.02E-06	1.85E-07	6.16E-08	2.47E-07	1.44E-07	2.97E-08	1.74E-07
5169	624756.73	4266250.5	9.16E-07	3.15E-07	1.23E-06	7.66E-07	2.36E-07	1.00E-06	1.81E-07	6.03E-08	2.42E-07	1.41E-07	2.91E-08	1.70E-07
5170	624766.62	4266250.68	8.95E-07	3.08E-07	1.20E-06	7.48E-07	2.30E-07	9.78E-07	1.77E-07	5.89E-08	2.36E-07	1.38E-07	2.84E-08	1.66E-07
5171	624776.51	4266250.86	8.72E-07	3.00E-07	1.17E-06	7.29E-07	2.24E-07	9.53E-07	1.73E-07	5.74E-08	2.30E-07	1.34E-07	2.77E-08	1.62E-07
5172	624786.4	4266251.03	8.48E-07	2.91E-07	1.14E-06	7.08E-07	2.18E-07	9.27E-07	1.68E-07	5.58E-08	2.24E-07	1.31E-07	2.69E-08	1.58E-07
5173	624796.29	4266251.21	8.23E-07	2.83E-07	1.11E-06	6.88E-07	2.12E-07	9.00E-07	1.63E-07	5.42E-08	2.17E-07	1.27E-07	2.61E-08	1.53E-07
5174	624806.18	4266251.39	7.98E-07	2.74E-07	1.07E-06	6.67E-07	2.05E-07	8.72E-07	1.58E-07	5.26E-08	2.11E-07	1.23E-07	2.53E-08	1.48E-07
5175	624816.07	4266251.56	7.72E-07	2.65E-07	1.04E-06	6.45E-07	1.99E-07	8.44E-07	1.53E-07	5.08E-08	2.04E-07	1.19E-07	2.45E-08	1.44E-07
5176	624825.96	4266251.74	7.43E-07	2.56E-07	9.99E-07	6.21E-07	1.91E-07	8.13E-07	1.47E-07	4.90E-08	1.96E-07	1.15E-07	2.36E-08	1.38E-07
5177	624835.85	4266251.92	7.13E-07	2.45E-07	9.59E-07	5.96E-07	1.84E-07	7.80E-07	1.41E-07	4.70E-08	1.88E-07	1.10E-07	2.26E-08	1.33E-07
5178	624845.73	4266252.09	6.82E-07	2.34E-07	9.16E-07	5.70E-07	1.76E-07	7.45E-07	1.35E-07	4.49E-08	1.80E-07	1.05E-07	2.16E-08	1.27E-07
5179	624342.07	4266264.46	5.59E-07	1.92E-07	7.51E-07	4.67E-07	1.44E-07	6.11E-07	1.11E-07	3.68E-08	1.47E-07	8.62E-08	1.77E-08	1.04E-07
5180	624333.31	4266260.65	5.49E-07	1.89E-07	7.38E-07	4.59E-07	1.41E-07	6.00E-07	1.09E-07	3.62E-08	1.45E-07	8.47E-08	1.74E-08	1.02E-07

5181	624324.56	4266256.85	5.38E-07	1.85E-07	7.23E-07	4.50E-07	1.39E-07	5.88E-07	1.07E-07	3.55E-08	1.42E-07	8.30E-08	1.71E-08	1.00E-07
5182	624315.8	4266253.05	5.26E-07	1.81E-07	7.07E-07	4.40E-07	1.36E-07	5.76E-07	1.04E-07	3.47E-08	1.39E-07	8.12E-08	1.67E-08	9.79E-08
5183	624307.04	4266249.24	5.14E-07	1.77E-07	6.90E-07	4.29E-07	1.32E-07	5.62E-07	1.02E-07	3.38E-08	1.36E-07	7.93E-08	1.63E-08	9.56E-08
5184	624298.28	4266245.44	5.00E-07	1.72E-07	6.72E-07	4.18E-07	1.29E-07	5.47E-07	9.90E-08	3.30E-08	1.32E-07	7.72E-08	1.59E-08	9.31E-08
5185	624289.53	4266241.64	4.86E-07	1.67E-07	6.53E-07	4.06E-07	1.25E-07	5.31E-07	9.62E-08	3.20E-08	1.28E-07	7.50E-08	1.54E-08	9.04E-08
5186	624280.77	4266237.83	4.72E-07	1.62E-07	6.34E-07	3.94E-07	1.21E-07	5.16E-07	9.33E-08	3.11E-08	1.24E-07	7.28E-08	1.50E-08	8.77E-08
5187	624272.01	4266234.03	4.57E-07	1.57E-07	6.14E-07	3.82E-07	1.18E-07	5.00E-07	9.05E-08	3.01E-08	1.21E-07	7.05E-08	1.45E-08	8.50E-08
5188	624259.74	4266221.35	4.43E-07	1.52E-07	5.96E-07	3.71E-07	1.14E-07	4.85E-07	8.78E-08	2.92E-08	1.17E-07	6.84E-08	1.41E-08	8.25E-08
5189	624256.22	4266212.48	4.44E-07	1.53E-07	5.96E-07	3.71E-07	1.14E-07	4.85E-07	8.78E-08	2.92E-08	1.17E-07	6.84E-08	1.41E-08	8.25E-08
5190	624249.18	4266194.73	4.42E-07	1.52E-07	5.94E-07	3.70E-07	1.14E-07	4.83E-07	8.75E-08	2.91E-08	1.17E-07	6.82E-08	1.40E-08	8.22E-08
5191	624245.66	4266185.85	4.40E-07	1.51E-07	5.92E-07	3.68E-07	1.13E-07	4.82E-07	8.72E-08	2.90E-08	1.16E-07	6.80E-08	1.40E-08	8.19E-08
5192	624242.15	4266176.97	4.38E-07	1.51E-07	5.89E-07	3.66E-07	1.13E-07	4.79E-07	8.68E-08	2.89E-08	1.16E-07	6.76E-08	1.39E-08	8.15E-08
5193	624238.63	4266168.1	4.35E-07	1.50E-07	5.85E-07	3.64E-07	1.12E-07	4.76E-07	8.62E-08	2.87E-08	1.15E-07	6.72E-08	1.38E-08	8.10E-08
5194	624350.83	4266268.26	5.68E-07	1.95E-07	7.64E-07	4.75E-07	1.46E-07	6.21E-07	1.12E-07	3.74E-08	1.50E-07	8.77E-08	1.80E-08	1.06E-07
5195	624360.72	4266268.44	5.88E-07	2.02E-07	7.90E-07	4.92E-07	1.51E-07	6.43E-07	1.16E-07	3.87E-08	1.55E-07	9.07E-08	1.87E-08	1.09E-07
5196	624370.61	4266268.61	6.08E-07	2.09E-07	8.17E-07	5.08E-07	1.57E-07	6.65E-07	1.20E-07	4.01E-08	1.60E-07	9.38E-08	1.93E-08	1.13E-07
5197	624380.5	4266268.79	6.28E-07	2.16E-07	8.44E-07	5.25E-07	1.62E-07	6.87E-07	1.24E-07	4.14E-08	1.66E-07	9.69E-08	1.99E-08	1.17E-07
5198	624390.38	4266268.97	6.49E-07	2.23E-07	8.72E-07	5.42E-07	1.67E-07	7.09E-07	1.28E-07	4.27E-08	1.71E-07	1.00E-07	2.06E-08	1.21E-07
5199	624400.27	4266269.14	6.69E-07	2.30E-07	8.99E-07	5.59E-07	1.72E-07	7.32E-07	1.32E-07	4.41E-08	1.77E-07	1.03E-07	2.12E-08	1.25E-07
5200	624410.16	4266269.32	6.91E-07	2.38E-07	9.28E-07	5.77E-07	1.78E-07	7.55E-07	1.37E-07	4.55E-08	1.82E-07	1.07E-07	2.19E-08	1.29E-07
5201	624420.05	4266269.5	7.13E-07	2.45E-07	9.58E-07	5.96E-07	1.84E-07	7.79E-07	1.41E-07	4.70E-08	1.88E-07	1.10E-07	2.26E-08	1.33E-07
5202	624449.72	4266270.03	7.75E-07	2.67E-07	1.04E-06	6.48E-07	2.00E-07	8.48E-07	1.53E-07	5.11E-08	2.05E-07	1.20E-07	2.46E-08	1.44E-07
5203	624459.61	4266270.2	7.94E-07	2.73E-07	1.07E-06	6.63E-07	2.04E-07	8.68E-07	1.57E-07	5.23E-08	2.09E-07	1.22E-07	2.52E-08	1.48E-07
5204	624469.5	4266270.38	8.11E-07	2.79E-07	1.09E-06	6.78E-07	2.09E-07	8.87E-07	1.61E-07	5.35E-08	2.14E-07	1.25E-07	2.58E-08	1.51E-07
5205	624479.39	4266270.56	8.28E-07	2.85E-07	1.11E-06	6.92E-07	2.13E-07	9.06E-07	1.64E-07	5.46E-08	2.19E-07	1.28E-07	2.63E-08	1.54E-07
5206	624489.28	4266270.73	8.44E-07	2.90E-07	1.13E-06	7.05E-07	2.17E-07	9.23E-07	1.67E-07	5.56E-08	2.23E-07	1.30E-07	2.68E-08	1.57E-07
5207	624499.17	4266270.91	8.58E-07	2.95E-07	1.15E-06	7.17E-07	2.21E-07	9.38E-07	1.70E-07	5.65E-08	2.26E-07	1.32E-07	2.72E-08	1.60E-07
5208	624528.83	4266271.44	8.90E-07	3.06E-07	1.20E-06	7.44E-07	2.29E-07	9.73E-07	1.76E-07	5.86E-08	2.35E-07	1.37E-07	2.82E-08	1.66E-07
5209	624538.72	4266271.62	8.98E-07	3.09E-07	1.21E-06	7.51E-07	2.31E-07	9.82E-07	1.78E-07	5.92E-08	2.37E-07	1.39E-07	2.85E-08	1.67E-07
5210	624548.61	4266271.79	9.06E-07	3.11E-07	1.22E-06	7.57E-07	2.33E-07	9.90E-07	1.79E-07	5.97E-08	2.39E-07	1.40E-07	2.87E-08	1.68E-07
5211	624558.5	4266271.97	9.12E-07	3.14E-07	1.23E-06	7.62E-07	2.35E-07	9.97E-07	1.81E-07	6.01E-08	2.41E-07	1.41E-07	2.89E-08	1.70E-07
5212	624568.39	4266272.15	9.17E-07	3.15E-07	1.23E-06	7.66E-07	2.36E-07	1.00E-06	1.81E-07	6.04E-08	2.42E-07	1.41E-07	2.91E-08	1.71E-07
5213	624578.28	4266272.32	9.20E-07	3.16E-07	1.24E-06	7.69E-07	2.37E-07	1.01E-06	1.82E-07	6.06E-08	2.43E-07	1.42E-07	2.92E-08	1.71E-07
5214	624588.17	4266272.5	9.21E-07	3.17E-07	1.24E-06	7.70E-07	2.37E-07	1.01E-06	1.82E-07	6.07E-08	2.43E-07	1.42E-07	2.92E-08	1.71E-07
5215	624598.06	4266272.68	9.22E-07	3.17E-07	1.24E-06	7.70E-07	2.37E-07	1.01E-06	1.82E-07	6.07E-08	2.43E-07	1.42E-07	2.93E-08	1.71E-07
5216	624607.95	4266272.85	9.22E-07	3.17E-07	1.24E-06	7.71E-07	2.37E-07	1.01E-06	1.82E-07	6.07E-08	2.43E-07	1.42E-07	2.93E-08	1.72E-07
5217	624617.84	4266273.03	9.21E-07	3.17E-07	1.24E-06	7.70E-07	2.37E-07	1.01E-06	1.82E-07	6.07E-08	2.43E-07	1.42E-07	2.92E-08	1.71E-07
5218	624627.73	4266273.2	9.19E-07	3.16E-07	1.24E-06	7.68E-07	2.37E-07	1.00E-06	1.82E-07	6.06E-08	2.43E-07	1.42E-07	2.92E-08	1.71E-07
5219	624637.61	4266273.38	9.15E-07	3.15E-07	1.23E-06	7.65E-07	2.36E-07	1.00E-06	1.81E-07	6.03E-08	2.42E-07	1.41E-07	2.91E-08	1.70E-07
5220	624667.28	4266273.91	8.97E-07	3.09E-07	1.21E-06	7.50E-07	2.31E-07	9.81E-07	1.78E-07	5.91E-08	2.37E-07	1.38E-07	2.85E-08	1.67E-07
5221	624677.17	4266274.09	8.90E-07	3.06E-07	1.20E-06	7.44E-07	2.29E-07	9.73E-07	1.76E-07	5.86E-08	2.35E-07	1.37E-07	2.82E-08	1.66E-07
5222	624687.06	4266274.26	8.81E-07	3.03E-07	1.18E-06	7.36E-07	2.27E-07	9.63E-07	1.74E-07	5.80E-08	2.32E-07	1.36E-07	2.80E-08	1.64E-07
5223	624696.95	4266274.44	8.70E-07	2.99E-07	1.17E-06	7.27E-07	2.24E-07	9.52E-07	1.72E-07	5.73E-08	2.30E-07	1.34E-07	2.76E-08	1.62E-07
5224	624706.84	4266274.62	8.58E-07	2.95E-07	1.15E-06	7.17E-07	2.21E-07	9.38E-07	1.70E-07	5.65E-08	2.26E-07	1.32E-07	2.72E-08	1.60E-07
5225	624716.73	4266274.79	8.44E-07	2.90E-07	1.13E-06	7.05E-07	2.17E-07	9.22E-07	1.67E-07	5.56E-08	2.23E-07	1.30E-07	2.68E-08	1.57E-07
5226	624746.4	4266275.32	7.98E-07	2.74E-07	1.07E-06	6.67E-07	2.06E-07	8.73E-07	1.58E-07	5.26E-08	2.11E-07	1.23E-07	2.53E-08	1.48E-07
5227	624756.29	4266275.5	7.82E-07	2.69E-07	1.05E-06	6.54E-07	2.01E-07	8.55E-07	1.55E-07	5.15E-08	2.06E-07	1.21E-07	2.48E-08	1.46E-07
5228	624766.17	4266275.68	7.66E-07	2.63E-07	1.03E-06	6.40E-07	1.97E-07	8.37E-07	1.52E-07	5.04E-08	2.02E-07	1.18E-07	2.43E-08	1.42E-07
5229	624776.06	4266275.85	7.48E-07	2.57E-07	1.00E-06	6.25E-07	1.93E-07	8.17E-07	1.48E-07	4.93E-08	1.97E-07	1.15E-07	2.37E-08	1.39E-07
5230	624785.95	4266276.03	7.29E-07	2.51E-07	9.80E-07	6.09E-07	1.88E-07	7.97E-07	1.44E-07	4.80E-08	1.92E-07	1.13E-07	2.31E-08	1.36E-07
5231	624795.84	4266276.21	7.10E-07	2.44E-07	9.55E-07	5.94E-07	1.83E-07	7.77E-07	1.41E-07	4.68E-08	1.87E-07	1.10E-07	2.25E-08	1.32E-07
5232	624805.73	4266276.38	6.91E-07	2.38E-07	9.29E-07	5.78E-07	1.78E-07	7.56E-07	1.37E-07	4.55E-08	1.82E-07	1.07E-07	2.19E-08	1.29E-07
5233	624815.62	4266276.56	6.71E-07	2.31E-07	9.02E-07	5.61E-07	1.73E-07	7.34E-07	1.33E-07	4.42E-08	1.77E-07	1.04E-07	2.13E-08	1.25E-07
5234	624825.51	4266276.74	6.51E-07	2.24E-07	8.75E-07	5.44E-07	1.68E-07	7.12E-07	1.29E-07	4.29E-08	1.72E-07	1.00E-07	2.07E-08	1.21E-07
5235	624835.4	4266276.91	6.29E-07	2.16E-07	8.45E-07	5.26E-07	1.62E-07	6.88E-07	1.25E-07	4.14E-08	1.66E-07	9.71E-08	2.00E-08	1.17E-07
5236	624845.29	4266277.09	6.06E-07	2.08E-07	8.15E-07	5.07E-07	1.56E-07	6.63E-07	1.20E-07	3.99E-08	1.60E-07	9.35E-08	1.92E-08	1.13E-07
5237	624315.35	4266278.04	4.82E-07	1.66E-07	6.48E-07	4.03E-07	1.24E-07	5.27E-07	9.54E-08	3.18E-08	1.27E-07	7.44E-08	1.53E-08	8.97E-08
5238	624306.6	4266274.24	4.73E-07	1.63E-07	6.35E-07	3.95E-07	1.22E-07	5.17E-07	9.36E-08	3.11E-08	1.25E-07	7.29E-08	1.50E-08	8.79E-08
5239	624297.84	4266270.44	4.63E-07	1.59E-07	6.22E-07	3.87E-07	1.19E-07	5.06E-07	9.16E-08	3.05E-08	1.22E-07	7.14E-08	1.47E-08	8.61E-08
5240	624289.08	4266266.63	4.52E-07	1.55E-07	6.07E-07	3.78E-07	1.16E-07	4.94E-07	8.95E-08	2.98E-08	1.19E-07	6.97E-08	1.43E-08	8.41E-08
5241	624280.32	4266262.83	4.41E-07	1.52E-07	5.92E-07	3.68E-07	1.13E-07	4.82E-07	8.72E-08	2.90E-08	1.16E-07	6.80E-08	1.40E-08	8.20E-08
5242	624271.57	4266259.03	4.29E-07	1.48E-07	5.77E-07	3.59E-07	1.10E-07	4.69E-07	8.49E-08	2.83E-08	1.13E-07	6.62E-08	1.36E-08	7.98E-08
5243	624262.81	4266255.22	4.17E-07	1.43E-07	5.61E-07	3.49E-07	1.07E-07	4.56E-07	8.26E-08	2.75E-08	1.10E-07	6.44E-08	1.32E-08	7.76E-08
5244	624254.05	4266251.42	4.05E-07	1.39E-07	5.45E-07	3.39E-07	1.04E-07	4.43E-07	8.03E-08	2.67E-08	1.07E-07	6.26E-08	1.29E-08	7.54E-08
5245	624241.78	4266238.74	3.94E-07	1.36E-07	5.30E-07	3.30E-07	1.02E-07	4.31E-07	7.81E-08	2.60E-08	1.04E-07	6.09E-08	1.25E-08	7.34E-08
5246	624238.26	4266229.87	3.95E-07	1.36E-07	5.31E-07	3.30E-07	1.02E-07	4.32E-07	7.81E-08	2.60E-08	1.04E-07	6.09E-08	1.25E-08	7.34E-08
5247	624234.74	4266220.99	3.95E-07	1.36E-07	5.30E-07	3.30E-07	1.02E-07	4.31E-07	7.81E-08	2.60E-08	1.04E-07	6.09E-08	1.25E-08	7.34E-08
5248	624231.22	4266212.12	3.94E-07	1.36E-07	5.30E-07	3.29E-07	1.01E-07	4.31E-07	7.80E-08	2.60E-08	1.04E-07	6.08E-08	1.25E-08	7.33E-08
5249	624227.7	4266203.24	3.93E-07	1.35E-07	5.28E-07	3.29E-07	1.01E-07	4.30E-07	7.78E-08	2.59E-08	1.04E-07	6.07E-08	1.25E-08	7.31E-08
5250	624224.18	4266194.36	3.92E-07	1.35E-07	5.26E-07	3.27E-07	1.01E-07	4.28E-07	7.75E-08	2.58E-08	1.03E-07	6.04E-08	1.24E-08	7.29E-08
5251	624220.67	4266185.49	3.90E-07	1.34E-07	5.24E-07	3.26E-07	1.00E-07	4.26E-07	7.72E-08	2.57E-08	1.03E-07	6.01E-08	1.24E-08	7.25E-08
5252	624217.15	4266176.61	3.87E-07	1.33E-07	5.21E-07	3.24E-07	9.97E-08	4.23E-07	7.67E-08	2.55E-08	1.02E-07	5.98E-08	1.23E-08	7.21E-08

5253	624213.63	4266167.74	3.84E-07	1.32E-07	5.17E-07	3.21E-07	9.90E-08	4.20E-07	7.61E-08	2.53E-08	1.01E-07	5.93E-08	1.22E-08	7.15E-08
5254	624449.27	4266295.02	6.71E-07	2.31E-07	9.02E-07	5.61E-07	1.73E-07	7.34E-07	1.33E-07	4.42E-08	1.77E-07	1.04E-07	2.13E-08	1.25E-07
5255	624459.16	4266295.2	6.86E-07	2.36E-07	9.21E-07	5.73E-07	1.77E-07	7.50E-07	1.36E-07	4.52E-08	1.81E-07	1.06E-07	2.18E-08	1.28E-07
5256	624469.05	4266295.38	7.00E-07	2.41E-07	9.40E-07	5.85E-07	1.80E-07	7.65E-07	1.38E-07	4.61E-08	1.85E-07	1.08E-07	2.22E-08	1.30E-07
5257	624478.94	4266295.55	7.13E-07	2.45E-07	9.59E-07	5.96E-07	1.84E-07	7.80E-07	1.41E-07	4.70E-08	1.88E-07	1.10E-07	2.26E-08	1.33E-07
5258	624488.83	4266295.73	7.26E-07	2.50E-07	9.76E-07	6.07E-07	1.87E-07	7.94E-07	1.44E-07	4.78E-08	1.92E-07	1.12E-07	2.30E-08	1.35E-07
5259	624498.72	4266295.91	7.37E-07	2.54E-07	9.91E-07	6.16E-07	1.90E-07	8.06E-07	1.46E-07	4.86E-08	1.95E-07	1.14E-07	2.34E-08	1.37E-07
5260	624577.83	4266297.32	7.90E-07	2.72E-07	1.06E-06	6.60E-07	2.03E-07	8.64E-07	1.56E-07	5.21E-08	2.08E-07	1.22E-07	2.51E-08	1.47E-07
5261	624587.72	4266297.49	7.92E-07	2.72E-07	1.06E-06	6.62E-07	2.04E-07	8.66E-07	1.57E-07	5.22E-08	2.09E-07	1.22E-07	2.51E-08	1.47E-07
5262	624597.61	4266297.67	7.93E-07	2.73E-07	1.07E-06	6.63E-07	2.04E-07	8.67E-07	1.57E-07	5.23E-08	2.09E-07	1.22E-07	2.52E-08	1.48E-07
5263	624607.5	4266297.85	7.94E-07	2.73E-07	1.07E-06	6.63E-07	2.04E-07	8.68E-07	1.57E-07	5.23E-08	2.09E-07	1.22E-07	2.52E-08	1.48E-07
5264	624617.39	4266298.02	7.93E-07	2.73E-07	1.07E-06	6.63E-07	2.04E-07	8.67E-07	1.57E-07	5.23E-08	2.09E-07	1.22E-07	2.52E-08	1.48E-07
5265	624627.28	4266298.2	7.91E-07	2.72E-07	1.06E-06	6.61E-07	2.04E-07	8.65E-07	1.57E-07	5.21E-08	2.09E-07	1.22E-07	2.51E-08	1.47E-07
5266	624637.17	4266298.38	7.88E-07	2.71E-07	1.06E-06	6.59E-07	2.03E-07	8.62E-07	1.56E-07	5.19E-08	2.08E-07	1.22E-07	2.50E-08	1.47E-07
5267	624666.84	4266298.91	7.74E-07	2.66E-07	1.04E-06	6.47E-07	1.99E-07	8.46E-07	1.53E-07	5.10E-08	2.04E-07	1.19E-07	2.45E-08	1.44E-07
5268	624676.73	4266299.08	7.67E-07	2.64E-07	1.03E-06	6.41E-07	1.98E-07	8.39E-07	1.52E-07	5.06E-08	2.02E-07	1.18E-07	2.43E-08	1.43E-07
5269	624686.61	4266299.26	7.60E-07	2.61E-07	1.02E-06	6.35E-07	1.96E-07	8.31E-07	1.50E-07	5.01E-08	2.00E-07	1.17E-07	2.41E-08	1.41E-07
5270	624696.5	4266299.44	7.51E-07	2.58E-07	1.01E-06	6.28E-07	1.93E-07	8.21E-07	1.49E-07	4.95E-08	1.98E-07	1.16E-07	2.38E-08	1.40E-07
5271	624706.39	4266299.61	7.41E-07	2.55E-07	9.96E-07	6.20E-07	1.91E-07	8.10E-07	1.47E-07	4.88E-08	1.96E-07	1.14E-07	2.35E-08	1.38E-07
5272	624716.28	4266299.79	7.30E-07	2.51E-07	9.81E-07	6.10E-07	1.88E-07	7.98E-07	1.44E-07	4.81E-08	1.93E-07	1.13E-07	2.32E-08	1.36E-07
5273	624726.17	4266299.97	7.18E-07	2.47E-07	9.65E-07	6.00E-07	1.85E-07	7.85E-07	1.42E-07	4.73E-08	1.89E-07	1.11E-07	2.28E-08	1.34E-07
5274	624341.18	4266314.45	4.62E-07	1.59E-07	6.20E-07	3.86E-07	1.19E-07	5.05E-07	9.14E-08	3.04E-08	1.22E-07	7.12E-08	1.46E-08	8.59E-08
5275	624332.42	4266310.65	4.56E-07	1.57E-07	6.13E-07	3.81E-07	1.17E-07	4.98E-07	9.02E-08	3.00E-08	1.20E-07	7.03E-08	1.45E-08	8.48E-08
5276	624323.66	4266306.84	4.50E-07	1.55E-07	6.04E-07	3.76E-07	1.16E-07	4.92E-07	8.90E-08	2.96E-08	1.19E-07	6.94E-08	1.43E-08	8.36E-08
5277	624314.91	4266303.04	4.43E-07	1.52E-07	5.95E-07	3.70E-07	1.14E-07	4.84E-07	8.77E-08	2.92E-08	1.17E-07	6.84E-08	1.41E-08	8.24E-08
5278	624306.15	4266299.24	4.36E-07	1.50E-07	5.86E-07	3.64E-07	1.12E-07	4.77E-07	8.63E-08	2.87E-08	1.15E-07	6.73E-08	1.38E-08	8.11E-08
5279	624297.39	4266295.43	4.28E-07	1.47E-07	5.76E-07	3.58E-07	1.10E-07	4.68E-07	8.48E-08	2.82E-08	1.13E-07	6.61E-08	1.36E-08	7.97E-08
5280	624288.63	4266291.63	4.20E-07	1.44E-07	5.65E-07	3.51E-07	1.08E-07	4.59E-07	8.32E-08	2.77E-08	1.11E-07	6.48E-08	1.33E-08	7.82E-08
5281	624279.88	4266287.83	4.11E-07	1.41E-07	5.53E-07	3.44E-07	1.06E-07	4.50E-07	8.14E-08	2.71E-08	1.09E-07	6.35E-08	1.31E-08	7.65E-08
5282	624271.12	4266284.02	4.02E-07	1.38E-07	5.41E-07	3.36E-07	1.04E-07	4.40E-07	7.96E-08	2.65E-08	1.06E-07	6.21E-08	1.28E-08	7.49E-08
5283	624262.36	4266280.22	3.93E-07	1.35E-07	5.28E-07	3.28E-07	1.01E-07	4.30E-07	7.78E-08	2.59E-08	1.04E-07	6.06E-08	1.25E-08	7.31E-08
5284	624253.6	4266276.42	3.83E-07	1.32E-07	5.15E-07	3.20E-07	9.87E-08	4.19E-07	7.59E-08	2.53E-08	1.01E-07	5.91E-08	1.22E-08	7.13E-08
5285	624244.85	4266272.61	3.73E-07	1.28E-07	5.02E-07	3.12E-07	9.62E-08	4.08E-07	7.39E-08	2.46E-08	9.85E-08	5.76E-08	1.19E-08	6.95E-08
5286	624236.09	4266268.81	3.64E-07	1.25E-07	4.89E-07	3.04E-07	9.36E-08	3.98E-07	7.20E-08	2.40E-08	9.59E-08	5.61E-08	1.15E-08	6.77E-08
5287	624223.81	4266256.13	3.55E-07	1.22E-07	4.77E-07	2.96E-07	9.13E-08	3.88E-07	7.02E-08	2.34E-08	9.35E-08	5.47E-08	1.13E-08	6.60E-08
5288	624220.3	4266247.26	3.55E-07	1.22E-07	4.77E-07	2.97E-07	9.14E-08	3.88E-07	7.03E-08	2.34E-08	9.36E-08	5.48E-08	1.13E-08	6.60E-08
5289	624216.78	4266238.38	3.55E-07	1.22E-07	4.77E-07	2.97E-07	9.14E-08	3.88E-07	7.02E-08	2.34E-08	9.36E-08	5.48E-08	1.13E-08	6.60E-08
5290	624213.26	4266229.51	3.55E-07	1.22E-07	4.76E-07	2.96E-07	9.13E-08	3.88E-07	7.02E-08	2.34E-08	9.35E-08	5.47E-08	1.13E-08	6.60E-08
5291	624209.74	4266220.63	3.54E-07	1.22E-07	4.76E-07	2.96E-07	9.11E-08	3.87E-07	7.00E-08	2.33E-08	9.34E-08	5.46E-08	1.12E-08	6.58E-08
5292	624206.22	4266211.75	3.53E-07	1.21E-07	4.74E-07	2.95E-07	9.09E-08	3.86E-07	6.99E-08	2.33E-08	9.31E-08	5.45E-08	1.12E-08	6.57E-08
5293	624202.71	4266202.88	3.52E-07	1.21E-07	4.73E-07	2.94E-07	9.05E-08	3.84E-07	6.96E-08	2.32E-08	9.28E-08	5.43E-08	1.12E-08	6.54E-08
5294	624199.19	4266194	3.50E-07	1.20E-07	4.70E-07	2.92E-07	9.01E-08	3.83E-07	6.93E-08	2.31E-08	9.23E-08	5.40E-08	1.11E-08	6.51E-08
5295	624195.67	4266185.13	3.48E-07	1.20E-07	4.67E-07	2.91E-07	8.95E-08	3.80E-07	6.88E-08	2.29E-08	9.17E-08	5.37E-08	1.10E-08	6.47E-08
5296	624192.15	4266176.25	3.45E-07	1.19E-07	4.64E-07	2.88E-07	8.89E-08	3.77E-07	6.83E-08	2.27E-08	9.11E-08	5.33E-08	1.10E-08	6.42E-08
5297	624188.63	4266167.38	3.42E-07	1.18E-07	4.60E-07	2.86E-07	8.81E-08	3.74E-07	6.77E-08	2.25E-08	9.03E-08	5.28E-08	1.09E-08	6.36E-08
5298	624349.94	4266318.25	4.67E-07	1.60E-07	6.27E-07	3.90E-07	1.20E-07	5.10E-07	9.24E-08	3.07E-08	1.23E-07	7.20E-08	1.48E-08	8.68E-08
5299	624359.82	4266318.43	4.79E-07	1.65E-07	6.43E-07	4.00E-07	1.23E-07	5.23E-07	9.48E-08	3.15E-08	1.26E-07	7.39E-08	1.52E-08	8.91E-08
5300	624369.71	4266318.61	4.91E-07	1.69E-07	6.59E-07	4.10E-07	1.26E-07	5.36E-07	9.71E-08	3.23E-08	1.29E-07	7.57E-08	1.56E-08	9.13E-08
5301	624379.6	4266318.78	5.03E-07	1.73E-07	6.75E-07	4.20E-07	1.29E-07	5.50E-07	9.95E-08	3.31E-08	1.33E-07	7.76E-08	1.60E-08	9.35E-08
5302	624389.49	4266318.96	5.15E-07	1.77E-07	6.92E-07	4.30E-07	1.33E-07	5.63E-07	1.02E-07	3.39E-08	1.36E-07	7.94E-08	1.63E-08	9.58E-08
5303	624399.38	4266319.14	5.27E-07	1.81E-07	7.08E-07	4.41E-07	1.36E-07	5.76E-07	1.04E-07	3.47E-08	1.39E-07	8.13E-08	1.67E-08	9.81E-08
5304	624409.27	4266319.31	5.40E-07	1.86E-07	7.25E-07	4.51E-07	1.39E-07	5.90E-07	1.07E-07	3.56E-08	1.42E-07	8.33E-08	1.71E-08	1.00E-07
5305	624419.16	4266319.49	5.53E-07	1.90E-07	7.43E-07	4.62E-07	1.42E-07	6.04E-07	1.09E-07	3.64E-08	1.46E-07	8.53E-08	1.75E-08	1.03E-07
5306	624448.83	4266320.02	5.89E-07	2.03E-07	7.92E-07	4.93E-07	1.52E-07	6.44E-07	1.17E-07	3.88E-08	1.55E-07	9.09E-08	1.87E-08	1.10E-07
5307	624458.72	4266320.19	6.01E-07	2.07E-07	8.08E-07	5.02E-07	1.55E-07	6.57E-07	1.19E-07	3.96E-08	1.59E-07	9.27E-08	1.91E-08	1.12E-07
5308	624468.61	4266320.37	6.12E-07	2.11E-07	8.23E-07	5.12E-07	1.58E-07	6.69E-07	1.21E-07	4.03E-08	1.62E-07	9.45E-08	1.94E-08	1.14E-07
5309	624478.49	4266320.55	6.23E-07	2.14E-07	8.37E-07	5.21E-07	1.60E-07	6.81E-07	1.23E-07	4.11E-08	1.64E-07	9.62E-08	1.98E-08	1.16E-07
5310	624488.38	4266320.72	6.33E-07	2.18E-07	8.51E-07	5.29E-07	1.63E-07	6.92E-07	1.25E-07	4.17E-08	1.67E-07	9.77E-08	2.01E-08	1.18E-07
5311	624498.27	4266320.9	6.43E-07	2.21E-07	8.63E-07	5.37E-07	1.65E-07	7.02E-07	1.27E-07	4.23E-08	1.70E-07	9.91E-08	2.04E-08	1.20E-07
5312	624527.94	4266321.43	6.65E-07	2.29E-07	8.94E-07	5.56E-07	1.71E-07	7.27E-07	1.32E-07	4.38E-08	1.76E-07	1.03E-07	2.11E-08	1.24E-07
5313	624537.83	4266321.61	6.72E-07	2.31E-07	9.02E-07	5.61E-07	1.73E-07	7.34E-07	1.33E-07	4.42E-08	1.77E-07	1.04E-07	2.13E-08	1.25E-07
5314	624547.72	4266321.78	6.77E-07	2.33E-07	9.10E-07	5.66E-07	1.74E-07	7.40E-07	1.34E-07	4.46E-08	1.79E-07	1.04E-07	2.15E-08	1.26E-07
5315	624557.61	4266321.96	6.81E-07	2.34E-07	9.15E-07	5.69E-07	1.75E-07	7.45E-07	1.35E-07	4.49E-08	1.80E-07	1.05E-07	2.16E-08	1.27E-07
5316	624567.5	4266322.14	6.85E-07	2.35E-07	9.20E-07	5.72E-07	1.76E-07	7.49E-07	1.36E-07	4.51E-08	1.81E-07	1.06E-07	2.17E-08	1.27E-07
5317	624577.39	4266322.31	6.87E-07	2.36E-07	9.24E-07	5.74E-07	1.77E-07	7.51E-07	1.36E-07	4.53E-08	1.81E-07	1.06E-07	2.18E-08	1.28E-07
5318	624587.28	4266322.49	6.89E-07	2.37E-07	9.26E-07	5.76E-07	1.77E-07	7.54E-07	1.36E-07	4.54E-08	1.82E-07	1.06E-07	2.19E-08	1.28E-07
5319	624597.17	4266322.67	6.91E-07	2.37E-07	9.28E-07	5.77E-07	1.78E-07	7.55E-07	1.37E-07	4.55E-08	1.82E-07	1.07E-07	2.19E-08	1.28E-07
5320	624607.05	4266322.84	6.91E-07	2.38E-07	9.29E-07	5.78E-07	1.78E-07	7.55E-07	1.37E-07	4.55E-08	1.82E-07	1.07E-07	2.19E-08	1.29E-07
5321	624616.94	4266323.02	6.90E-07	2.37E-07	9.28E-07	5.77E-07	1.78E-07	7.55E-07	1.37E-07	4.55E-08	1.82E-07	1.07E-07	2.19E-08	1.28E-07
5322	624626.83	4266323.2	6.89E-07	2.37E-07	9.26E-07	5.76E-07	1.77E-07	7.53E-07	1.36E-07	4.54E-08	1.82E-07	1.06E-07	2.19E-08	1.28E-07
5323	624636.72	4266323.37	6.86E-07	2.36E-07	9.22E-07	5.74E-07	1.77E-07	7.50E-07	1.36E-07	4.52E-08	1.81E-07	1.06E-07	2.18E-08	1.28E-07
5324	624666.39	4266323.9	6.74E-07	2.32E-07	9.06E-07	5.64E-07	1.74E-07	7.37E-07	1.33E-07	4.44E-08	1.78E-07	1.04E-07	2.14E-08	1.25E-07

5325	624676.28	4266324.08	6.69E-07	2.30E-07	8.99E-07	5.59E-07	1.72E-07	7.31E-07	1.32E-07	4.41E-08	1.77E-07	1.03E-07	2.12E-08	1.24E-07
5326	624686.17	4266324.26	6.63E-07	2.28E-07	8.91E-07	5.54E-07	1.71E-07	7.25E-07	1.31E-07	4.37E-08	1.75E-07	1.02E-07	2.10E-08	1.23E-07
5327	624696.06	4266324.43	6.56E-07	2.25E-07	8.81E-07	5.48E-07	1.69E-07	7.17E-07	1.30E-07	4.32E-08	1.73E-07	1.01E-07	2.08E-08	1.22E-07
5328	624705.95	4266324.61	6.48E-07	2.23E-07	8.70E-07	5.41E-07	1.67E-07	7.08E-07	1.28E-07	4.27E-08	1.71E-07	9.99E-08	2.06E-08	1.21E-07
5329	624715.84	4266324.79	6.39E-07	2.20E-07	8.59E-07	5.34E-07	1.65E-07	6.99E-07	1.26E-07	4.21E-08	1.69E-07	9.86E-08	2.03E-08	1.19E-07
5330	624725.72	4266324.96	6.30E-07	2.17E-07	8.46E-07	5.26E-07	1.62E-07	6.89E-07	1.25E-07	4.15E-08	1.66E-07	9.72E-08	2.00E-08	1.17E-07
5331	624745.5	4266325.32	6.10E-07	2.10E-07	8.20E-07	5.10E-07	1.57E-07	6.67E-07	1.21E-07	4.02E-08	1.61E-07	9.41E-08	1.94E-08	1.14E-07
5332	624755.39	4266325.49	6.00E-07	2.06E-07	8.06E-07	5.01E-07	1.54E-07	6.56E-07	1.19E-07	3.95E-08	1.58E-07	9.25E-08	1.90E-08	1.12E-07
5333	624765.28	4266325.67	5.88E-07	2.02E-07	7.91E-07	4.92E-07	1.52E-07	6.43E-07	1.16E-07	3.88E-08	1.55E-07	9.08E-08	1.87E-08	1.09E-07
5334	624775.17	4266325.85	5.77E-07	1.98E-07	7.75E-07	4.82E-07	1.49E-07	6.31E-07	1.14E-07	3.80E-08	1.52E-07	8.90E-08	1.83E-08	1.07E-07
5335	624785.06	4266326.02	5.65E-07	1.94E-07	7.60E-07	4.73E-07	1.46E-07	6.18E-07	1.12E-07	3.73E-08	1.49E-07	8.72E-08	1.79E-08	1.05E-07
5336	624794.95	4266326.2	5.54E-07	1.90E-07	7.44E-07	4.63E-07	1.43E-07	6.05E-07	1.10E-07	3.65E-08	1.46E-07	8.54E-08	1.76E-08	1.03E-07
5337	624804.84	4266326.38	5.42E-07	1.86E-07	7.28E-07	4.53E-07	1.39E-07	5.92E-07	1.07E-07	3.57E-08	1.43E-07	8.36E-08	1.72E-08	1.01E-07
5338	624844.4	4266327.08	4.91E-07	1.69E-07	6.60E-07	4.10E-07	1.26E-07	5.37E-07	9.71E-08	3.23E-08	1.29E-07	7.57E-08	1.56E-08	9.13E-08
5339	624340.73	4266339.44	4.23E-07	1.45E-07	5.69E-07	3.54E-07	1.09E-07	4.63E-07	8.37E-08	2.79E-08	1.12E-07	6.53E-08	1.34E-08	7.87E-08
5340	624331.97	4266335.64	4.19E-07	1.44E-07	5.63E-07	3.50E-07	1.08E-07	4.58E-07	8.29E-08	2.76E-08	1.10E-07	6.46E-08	1.33E-08	7.79E-08
5341	624323.22	4266331.84	4.14E-07	1.42E-07	5.56E-07	3.46E-07	1.07E-07	4.53E-07	8.19E-08	2.73E-08	1.09E-07	6.39E-08	1.31E-08	7.70E-08
5342	624314.46	4266328.04	4.09E-07	1.41E-07	5.49E-07	3.42E-07	1.05E-07	4.47E-07	8.09E-08	2.69E-08	1.08E-07	6.31E-08	1.30E-08	7.60E-08
5343	624305.7	4266324.23	4.03E-07	1.39E-07	5.42E-07	3.37E-07	1.04E-07	4.41E-07	7.98E-08	2.66E-08	1.06E-07	6.22E-08	1.28E-08	7.50E-08
5344	624296.94	4266320.43	3.97E-07	1.37E-07	5.34E-07	3.32E-07	1.02E-07	4.34E-07	7.86E-08	2.62E-08	1.05E-07	6.13E-08	1.26E-08	7.39E-08
5345	624288.19	4266316.63	3.91E-07	1.34E-07	5.25E-07	3.27E-07	1.01E-07	4.27E-07	7.74E-08	2.58E-08	1.03E-07	6.03E-08	1.24E-08	7.27E-08
5346	624279.43	4266312.82	3.84E-07	1.32E-07	5.16E-07	3.21E-07	9.89E-08	4.20E-07	7.60E-08	2.53E-08	1.01E-07	5.93E-08	1.22E-08	7.15E-08
5347	624270.67	4266309.02	3.77E-07	1.30E-07	5.07E-07	3.15E-07	9.71E-08	4.12E-07	7.46E-08	2.48E-08	9.95E-08	5.82E-08	1.20E-08	7.01E-08
5348	624261.92	4266305.22	3.69E-07	1.27E-07	4.97E-07	3.09E-07	9.51E-08	4.04E-07	7.31E-08	2.43E-08	9.75E-08	5.70E-08	1.17E-08	6.87E-08
5349	624253.16	4266301.41	3.62E-07	1.24E-07	4.86E-07	3.02E-07	9.31E-08	3.95E-07	7.16E-08	2.38E-08	9.54E-08	5.58E-08	1.15E-08	6.73E-08
5350	624244.4	4266297.61	3.54E-07	1.22E-07	4.75E-07	2.96E-07	9.10E-08	3.87E-07	7.00E-08	2.33E-08	9.33E-08	5.46E-08	1.12E-08	6.58E-08
5351	624235.64	4266293.81	3.45E-07	1.19E-07	4.64E-07	2.89E-07	8.89E-08	3.78E-07	6.84E-08	2.28E-08	9.11E-08	5.33E-08	1.10E-08	6.43E-08
5352	624226.89	4266290	3.37E-07	1.16E-07	4.53E-07	2.82E-07	8.68E-08	3.69E-07	6.67E-08	2.22E-08	8.90E-08	5.20E-08	1.07E-08	6.27E-08
5353	624218.13	4266286.2	3.29E-07	1.13E-07	4.42E-07	2.75E-07	8.47E-08	3.60E-07	6.51E-08	2.17E-08	8.68E-08	5.08E-08	1.04E-08	6.12E-08
5354	624205.85	4266273.52	3.21E-07	1.10E-07	4.32E-07	2.69E-07	8.27E-08	3.51E-07	6.36E-08	2.12E-08	8.48E-08	4.96E-08	1.02E-08	5.98E-08
5355	624202.34	4266264.65	3.22E-07	1.11E-07	4.32E-07	2.69E-07	8.28E-08	3.52E-07	6.37E-08	2.12E-08	8.48E-08	4.96E-08	1.02E-08	5.98E-08
5356	624198.82	4266255.77	3.22E-07	1.11E-07	4.32E-07	2.69E-07	8.28E-08	3.52E-07	6.37E-08	2.12E-08	8.49E-08	4.96E-08	1.02E-08	5.98E-08
5357	624195.3	4266246.89	3.21E-07	1.11E-07	4.32E-07	2.69E-07	8.27E-08	3.51E-07	6.36E-08	2.12E-08	8.48E-08	4.96E-08	1.02E-08	5.98E-08
5358	624191.78	4266238.02	3.21E-07	1.10E-07	4.31E-07	2.68E-07	8.26E-08	3.51E-07	6.35E-08	2.11E-08	8.47E-08	4.95E-08	1.02E-08	5.97E-08
5359	624188.26	4266229.14	3.20E-07	1.10E-07	4.30E-07	2.68E-07	8.24E-08	3.50E-07	6.34E-08	2.11E-08	8.45E-08	4.94E-08	1.02E-08	5.96E-08
5360	624184.74	4266220.27	3.19E-07	1.10E-07	4.29E-07	2.67E-07	8.22E-08	3.49E-07	6.32E-08	2.10E-08	8.42E-08	4.92E-08	1.01E-08	5.94E-08
5361	624181.23	4266211.39	3.18E-07	1.09E-07	4.27E-07	2.66E-07	8.19E-08	3.48E-07	6.29E-08	2.09E-08	8.39E-08	4.91E-08	1.01E-08	5.92E-08
5362	624177.71	4266202.52	3.16E-07	1.09E-07	4.25E-07	2.64E-07	8.15E-08	3.46E-07	6.26E-08	2.08E-08	8.35E-08	4.88E-08	1.00E-08	5.89E-08
5363	624174.19	4266193.64	3.15E-07	1.08E-07	4.23E-07	2.63E-07	8.10E-08	3.44E-07	6.23E-08	2.07E-08	8.30E-08	4.85E-08	9.98E-09	5.85E-08
5364	624170.67	4266184.77	3.12E-07	1.07E-07	4.20E-07	2.61E-07	8.04E-08	3.41E-07	6.18E-08	2.06E-08	8.24E-08	4.82E-08	9.91E-09	5.81E-08
5365	624167.15	4266175.89	3.10E-07	1.06E-07	4.16E-07	2.59E-07	7.97E-08	3.38E-07	6.13E-08	2.04E-08	8.17E-08	4.78E-08	9.83E-09	5.76E-08
5366	624163.64	4266167.01	3.07E-07	1.05E-07	4.12E-07	2.56E-07	7.89E-08	3.35E-07	6.07E-08	2.02E-08	8.09E-08	4.73E-08	9.73E-09	5.70E-08
5367	624349.49	4266343.25	4.27E-07	1.47E-07	5.73E-07	3.57E-07	1.10E-07	4.67E-07	8.45E-08	2.81E-08	1.13E-07	6.58E-08	1.35E-08	7.94E-08
5368	624359.38	4266343.42	4.36E-07	1.50E-07	5.86E-07	3.65E-07	1.12E-07	4.77E-07	8.64E-08	2.88E-08	1.15E-07	6.73E-08	1.39E-08	8.12E-08
5369	624369.27	4266343.6	4.46E-07	1.53E-07	5.99E-07	3.73E-07	1.15E-07	4.88E-07	8.83E-08	2.94E-08	1.18E-07	6.88E-08	1.42E-08	8.30E-08
5370	624379.16	4266343.78	4.55E-07	1.57E-07	6.12E-07	3.81E-07	1.17E-07	4.98E-07	9.02E-08	3.00E-08	1.20E-07	7.03E-08	1.45E-08	8.47E-08
5371	624389.05	4266343.95	4.65E-07	1.60E-07	6.25E-07	3.89E-07	1.20E-07	5.09E-07	9.21E-08	3.06E-08	1.23E-07	7.18E-08	1.48E-08	8.65E-08
5372	624398.93	4266344.13	4.75E-07	1.63E-07	6.38E-07	3.97E-07	1.22E-07	5.19E-07	9.40E-08	3.13E-08	1.25E-07	7.33E-08	1.51E-08	8.84E-08
5373	624408.82	4266344.31	4.85E-07	1.67E-07	6.51E-07	4.05E-07	1.25E-07	5.30E-07	9.60E-08	3.19E-08	1.28E-07	7.48E-08	1.54E-08	9.02E-08
5374	624418.71	4266344.48	4.95E-07	1.70E-07	6.65E-07	4.13E-07	1.27E-07	5.41E-07	9.79E-08	3.26E-08	1.30E-07	7.63E-08	1.57E-08	9.20E-08
5375	624448.38	4266345.01	5.23E-07	1.80E-07	7.03E-07	4.37E-07	1.35E-07	5.72E-07	1.04E-07	3.45E-08	1.38E-07	8.08E-08	1.66E-08	9.74E-08
5376	624458.27	4266345.19	5.33E-07	1.83E-07	7.16E-07	4.45E-07	1.37E-07	5.82E-07	1.05E-07	3.51E-08	1.41E-07	8.22E-08	1.69E-08	9.91E-08
5377	624468.16	4266345.37	5.42E-07	1.86E-07	7.28E-07	4.53E-07	1.39E-07	5.92E-07	1.07E-07	3.57E-08	1.43E-07	8.36E-08	1.72E-08	1.01E-07
5378	624478.05	4266345.54	5.50E-07	1.89E-07	7.39E-07	4.60E-07	1.42E-07	6.02E-07	1.09E-07	3.63E-08	1.45E-07	8.49E-08	1.75E-08	1.02E-07
5379	624487.94	4266345.72	5.58E-07	1.92E-07	7.50E-07	4.67E-07	1.44E-07	6.10E-07	1.11E-07	3.68E-08	1.47E-07	8.62E-08	1.77E-08	1.04E-07
5380	624497.83	4266345.9	5.66E-07	1.95E-07	7.60E-07	4.73E-07	1.46E-07	6.19E-07	1.12E-07	3.73E-08	1.49E-07	8.73E-08	1.80E-08	1.05E-07
5381	624527.49	4266346.43	5.85E-07	2.01E-07	7.86E-07	4.89E-07	1.51E-07	6.39E-07	1.16E-07	3.85E-08	1.54E-07	9.02E-08	1.86E-08	1.09E-07
5382	624537.38	4266346.6	5.90E-07	2.03E-07	7.93E-07	4.93E-07	1.52E-07	6.45E-07	1.17E-07	3.89E-08	1.56E-07	9.10E-08	1.87E-08	1.10E-07
5383	624547.27	4266346.78	5.94E-07	2.04E-07	7.99E-07	4.97E-07	1.53E-07	6.50E-07	1.18E-07	3.91E-08	1.57E-07	9.17E-08	1.89E-08	1.11E-07
5384	624557.16	4266346.96	5.98E-07	2.06E-07	8.03E-07	5.00E-07	1.54E-07	6.54E-07	1.18E-07	3.94E-08	1.58E-07	9.22E-08	1.90E-08	1.11E-07
5385	624567.05	4266347.13	6.01E-07	2.07E-07	8.07E-07	5.02E-07	1.55E-07	6.57E-07	1.19E-07	3.96E-08	1.59E-07	9.27E-08	1.91E-08	1.12E-07
5386	624576.94	4266347.31	6.03E-07	2.07E-07	8.11E-07	5.04E-07	1.55E-07	6.60E-07	1.19E-07	3.97E-08	1.59E-07	9.31E-08	1.91E-08	1.12E-07
5387	624586.83	4266347.49	6.05E-07	2.08E-07	8.13E-07	5.06E-07	1.56E-07	6.62E-07	1.20E-07	3.99E-08	1.60E-07	9.34E-08	1.92E-08	1.13E-07
5388	624596.72	4266347.66	6.06E-07	2.08E-07	8.15E-07	5.07E-07	1.56E-07	6.63E-07	1.20E-07	3.99E-08	1.60E-07	9.35E-08	1.92E-08	1.13E-07
5389	624606.61	4266347.84	6.07E-07	2.09E-07	8.15E-07	5.07E-07	1.56E-07	6.63E-07	1.20E-07	4.00E-08	1.60E-07	9.36E-08	1.93E-08	1.13E-07
5390	624616.5	4266348.02	6.06E-07	2.08E-07	8.15E-07	5.07E-07	1.56E-07	6.63E-07	1.20E-07	3.99E-08	1.60E-07	9.35E-08	1.92E-08	1.13E-07
5391	624626.39	4266348.19	6.05E-07	2.08E-07	8.13E-07	5.06E-07	1.56E-07	6.61E-07	1.20E-07	3.99E-08	1.60E-07	9.33E-08	1.92E-08	1.13E-07
5392	624665.94	4266348.9	5.94E-07	2.04E-07	7.98E-07	4.96E-07	1.53E-07	6.49E-07	1.17E-07	3.91E-08	1.57E-07	9.16E-08	1.88E-08	1.10E-07
5393	624675.83	4266349.08	5.89E-07	2.03E-07	7.92E-07	4.92E-07	1.52E-07	6.44E-07	1.17E-07	3.88E-08	1.55E-07	9.09E-08	1.87E-08	1.10E-07
5394	624685.72	4266349.25	5.84E-07	2.01E-07	7.85E-07	4.88E-07	1.50E-07	6.39E-07	1.16E-07	3.85E-08	1.54E-07	9.01E-08	1.85E-08	1.09E-07
5395	624695.61	4266349.43	5.78E-07	1.99E-07	7.77E-07	4.83E-07	1.49E-07	6.32E-07	1.14E-07	3.81E-08	1.53E-07	8.92E-08	1.84E-08	1.08E-07
5396	624705.5	4266349.61	5.72E-07	1.97E-07	7.68E-07	4.78E-07	1.47E-07	6.25E-07	1.13E-07	3.77E-08	1.51E-07	8.82E-08	1.81E-08	1.06E-07

5397	624715.39	4266349.78	5.65E-07	1.94E-07	7.59E-07	4.72E-07	1.45E-07	6.17E-07	1.12E-07	3.72E-08	1.49E-07	8.71E-08	1.79E-08	1.05E-07
5398	624725.28	4266349.96	5.58E-07	1.92E-07	7.49E-07	4.66E-07	1.44E-07	6.10E-07	1.10E-07	3.67E-08	1.47E-07	8.60E-08	1.77E-08	1.04E-07
5399	624754.95	4266350.49	5.33E-07	1.83E-07	7.17E-07	4.46E-07	1.37E-07	5.83E-07	1.06E-07	3.51E-08	1.41E-07	8.23E-08	1.69E-08	9.92E-08
5400	624764.84	4266350.67	5.24E-07	1.80E-07	7.05E-07	4.38E-07	1.35E-07	5.73E-07	1.04E-07	3.45E-08	1.38E-07	8.09E-08	1.66E-08	9.76E-08
5401	624774.72	4266350.84	5.15E-07	1.77E-07	6.92E-07	4.31E-07	1.33E-07	5.63E-07	1.02E-07	3.39E-08	1.36E-07	7.95E-08	1.63E-08	9.58E-08
5402	624784.61	4266351.02	5.06E-07	1.74E-07	6.80E-07	4.23E-07	1.30E-07	5.53E-07	1.00E-07	3.33E-08	1.33E-07	7.80E-08	1.60E-08	9.41E-08
5403	624794.5	4266351.2	4.96E-07	1.71E-07	6.67E-07	4.15E-07	1.28E-07	5.42E-07	9.82E-08	3.27E-08	1.31E-07	7.66E-08	1.57E-08	9.23E-08
5404	624804.39	4266351.37	4.87E-07	1.67E-07	6.54E-07	4.07E-07	1.25E-07	5.32E-07	9.63E-08	3.21E-08	1.28E-07	7.51E-08	1.54E-08	9.05E-08
5405	624843.95	4266352.08	4.46E-07	1.53E-07	5.99E-07	3.73E-07	1.15E-07	4.87E-07	8.83E-08	2.94E-08	1.18E-07	6.88E-08	1.41E-08	8.30E-08
5406	624340.29	4266364.44	3.89E-07	1.34E-07	5.23E-07	3.26E-07	1.00E-07	4.26E-07	7.71E-08	2.57E-08	1.03E-07	6.01E-08	1.24E-08	7.25E-08
5407	624331.53	4266360.64	3.86E-07	1.33E-07	5.19E-07	3.23E-07	9.95E-08	4.22E-07	7.65E-08	2.55E-08	1.02E-07	5.96E-08	1.23E-08	7.19E-08
5408	624322.77	4266356.83	3.83E-07	1.32E-07	5.14E-07	3.20E-07	9.85E-08	4.18E-07	7.57E-08	2.52E-08	1.01E-07	5.90E-08	1.21E-08	7.12E-08
5409	624314.01	4266353.03	3.79E-07	1.30E-07	5.09E-07	3.16E-07	9.74E-08	4.14E-07	7.49E-08	2.49E-08	9.99E-08	5.84E-08	1.20E-08	7.04E-08
5410	624305.26	4266349.23	3.74E-07	1.29E-07	5.03E-07	3.13E-07	9.63E-08	4.09E-07	7.40E-08	2.46E-08	9.87E-08	5.77E-08	1.19E-08	6.96E-08
5411	624296.5	4266345.43	3.69E-07	1.27E-07	4.96E-07	3.09E-07	9.51E-08	4.04E-07	7.31E-08	2.43E-08	9.74E-08	5.70E-08	1.17E-08	6.87E-08
5412	624287.74	4266341.62	3.64E-07	1.25E-07	4.90E-07	3.04E-07	9.38E-08	3.98E-07	7.21E-08	2.40E-08	9.61E-08	5.62E-08	1.16E-08	6.78E-08
5413	624278.98	4266337.82	3.59E-07	1.23E-07	4.82E-07	3.00E-07	9.24E-08	3.92E-07	7.11E-08	2.36E-08	9.47E-08	5.54E-08	1.14E-08	6.68E-08
5414	624270.23	4266334.02	3.53E-07	1.21E-07	4.75E-07	2.95E-07	9.10E-08	3.86E-07	6.99E-08	2.33E-08	9.32E-08	5.45E-08	1.12E-08	6.57E-08
5415	624261.47	4266330.21	3.47E-07	1.19E-07	4.67E-07	2.90E-07	8.94E-08	3.80E-07	6.87E-08	2.29E-08	9.16E-08	5.36E-08	1.10E-08	6.46E-08
5416	624252.71	4266326.41	3.41E-07	1.17E-07	4.58E-07	2.85E-07	8.78E-08	3.73E-07	6.75E-08	2.25E-08	9.00E-08	5.26E-08	1.08E-08	6.34E-08
5417	624243.95	4266322.61	3.34E-07	1.15E-07	4.49E-07	2.80E-07	8.61E-08	3.66E-07	6.62E-08	2.20E-08	8.82E-08	5.16E-08	1.06E-08	6.22E-08
5418	624235.2	4266318.8	3.28E-07	1.13E-07	4.40E-07	2.74E-07	8.44E-08	3.58E-07	6.49E-08	2.16E-08	8.65E-08	5.06E-08	1.04E-08	6.10E-08
5419	624226.44	4266315	3.21E-07	1.10E-07	4.31E-07	2.68E-07	8.26E-08	3.51E-07	6.35E-08	2.11E-08	8.46E-08	4.95E-08	1.02E-08	5.97E-08
5420	624217.68	4266311.2	3.14E-07	1.08E-07	4.22E-07	2.62E-07	8.08E-08	3.43E-07	6.21E-08	2.07E-08	8.28E-08	4.84E-08	9.96E-09	5.84E-08
5421	624208.93	4266307.39	3.07E-07	1.05E-07	4.12E-07	2.56E-07	7.90E-08	3.35E-07	6.07E-08	2.02E-08	8.09E-08	4.73E-08	9.73E-09	5.71E-08
5422	624200.17	4266303.59	3.00E-07	1.03E-07	4.03E-07	2.50E-07	7.71E-08	3.28E-07	5.93E-08	1.97E-08	7.90E-08	4.62E-08	9.51E-09	5.57E-08
5423	624187.89	4266290.91	2.93E-07	1.01E-07	3.94E-07	2.45E-07	7.54E-08	3.20E-07	5.80E-08	1.93E-08	7.73E-08	4.52E-08	9.30E-09	5.45E-08
5424	624184.37	4266282.04	2.93E-07	1.01E-07	3.94E-07	2.45E-07	7.55E-08	3.21E-07	5.80E-08	1.93E-08	7.74E-08	4.52E-08	9.31E-09	5.46E-08
5425	624180.86	4266273.16	2.93E-07	1.01E-07	3.94E-07	2.45E-07	7.55E-08	3.21E-07	5.81E-08	1.93E-08	7.74E-08	4.53E-08	9.31E-09	5.46E-08
5426	624177.34	4266264.28	2.93E-07	1.01E-07	3.94E-07	2.45E-07	7.55E-08	3.21E-07	5.80E-08	1.93E-08	7.73E-08	4.52E-08	9.30E-09	5.45E-08
5427	624173.82	4266255.41	2.93E-07	1.01E-07	3.94E-07	2.45E-07	7.54E-08	3.20E-07	5.80E-08	1.93E-08	7.73E-08	4.52E-08	9.29E-09	5.45E-08
5428	624170.3	4266246.53	2.92E-07	1.01E-07	3.93E-07	2.44E-07	7.52E-08	3.20E-07	5.78E-08	1.93E-08	7.71E-08	4.51E-08	9.28E-09	5.44E-08
5429	624166.78	4266237.66	2.92E-07	1.00E-07	3.92E-07	2.44E-07	7.51E-08	3.19E-07	5.77E-08	1.92E-08	7.69E-08	4.50E-08	9.25E-09	5.42E-08
5430	624163.27	4266228.78	2.91E-07	9.99E-08	3.90E-07	2.43E-07	7.48E-08	3.18E-07	5.75E-08	1.91E-08	7.66E-08	4.48E-08	9.22E-09	5.40E-08
5431	624159.75	4266219.91	2.89E-07	9.95E-08	3.89E-07	2.42E-07	7.45E-08	3.16E-07	5.73E-08	1.91E-08	7.63E-08	4.46E-08	9.18E-09	5.38E-08
5432	624156.23	4266211.03	2.88E-07	9.90E-08	3.87E-07	2.41E-07	7.41E-08	3.15E-07	5.70E-08	1.90E-08	7.60E-08	4.44E-08	9.14E-09	5.36E-08
5433	624152.71	4266202.15	2.86E-07	9.84E-08	3.85E-07	2.39E-07	7.37E-08	3.13E-07	5.67E-08	1.89E-08	7.55E-08	4.42E-08	9.09E-09	5.33E-08
5434	624149.19	4266193.28	2.84E-07	9.78E-08	3.82E-07	2.38E-07	7.32E-08	3.11E-07	5.63E-08	1.87E-08	7.50E-08	4.39E-08	9.02E-09	5.29E-08
5435	624145.67	4266184.4	2.82E-07	9.70E-08	3.79E-07	2.36E-07	7.26E-08	3.08E-07	5.58E-08	1.86E-08	7.44E-08	4.35E-08	8.95E-09	5.25E-08
5436	624142.16	4266175.53	2.79E-07	9.61E-08	3.75E-07	2.34E-07	7.19E-08	3.05E-07	5.53E-08	1.84E-08	7.37E-08	4.31E-08	8.87E-09	5.20E-08
5437	624138.64	4266166.65	2.77E-07	9.51E-08	3.72E-07	2.31E-07	7.12E-08	3.02E-07	5.47E-08	1.82E-08	7.30E-08	4.27E-08	8.78E-09	5.14E-08
5438	624349.04	4266368.24	3.92E-07	1.35E-07	5.27E-07	3.28E-07	1.01E-07	4.29E-07	7.76E-08	2.58E-08	1.03E-07	6.05E-08	1.24E-08	7.29E-08
5439	624358.93	4266368.42	4.00E-07	1.38E-07	5.38E-07	3.34E-07	1.03E-07	4.37E-07	7.92E-08	2.64E-08	1.06E-07	6.17E-08	1.27E-08	7.44E-08
5440	624368.82	4266368.6	4.08E-07	1.40E-07	5.48E-07	3.41E-07	1.05E-07	4.46E-07	8.07E-08	2.69E-08	1.08E-07	6.29E-08	1.29E-08	7.58E-08
5441	624378.71	4266368.77	4.15E-07	1.43E-07	5.58E-07	3.47E-07	1.07E-07	4.54E-07	8.22E-08	2.74E-08	1.10E-07	6.41E-08	1.32E-08	7.73E-08
5442	624388.6	4266368.95	4.23E-07	1.46E-07	5.69E-07	3.54E-07	1.09E-07	4.63E-07	8.38E-08	2.79E-08	1.12E-07	6.53E-08	1.34E-08	7.87E-08
5443	624398.49	4266369.13	4.31E-07	1.48E-07	5.79E-07	3.60E-07	1.11E-07	4.71E-07	8.53E-08	2.84E-08	1.14E-07	6.65E-08	1.37E-08	8.02E-08
5444	624408.38	4266369.3	4.39E-07	1.51E-07	5.89E-07	3.67E-07	1.13E-07	4.80E-07	8.68E-08	2.89E-08	1.16E-07	6.77E-08	1.39E-08	8.16E-08
5445	624418.27	4266369.48	4.46E-07	1.53E-07	6.00E-07	3.73E-07	1.15E-07	4.88E-07	8.83E-08	2.94E-08	1.18E-07	6.89E-08	1.42E-08	8.30E-08
5446	624447.93	4266370.01	4.69E-07	1.61E-07	6.30E-07	3.92E-07	1.21E-07	5.13E-07	9.28E-08	3.09E-08	1.24E-07	7.23E-08	1.49E-08	8.72E-08
5447	624457.82	4266370.19	4.76E-07	1.64E-07	6.40E-07	3.98E-07	1.23E-07	5.21E-07	9.43E-08	3.14E-08	1.26E-07	7.35E-08	1.51E-08	8.86E-08
5448	624467.71	4266370.36	4.83E-07	1.66E-07	6.50E-07	4.04E-07	1.24E-07	5.29E-07	9.57E-08	3.18E-08	1.28E-07	7.46E-08	1.53E-08	8.99E-08
5449	624477.6	4266370.54	4.90E-07	1.69E-07	6.59E-07	4.10E-07	1.26E-07	5.36E-07	9.70E-08	3.23E-08	1.29E-07	7.56E-08	1.56E-08	9.12E-08
5450	624487.49	4266370.72	4.97E-07	1.71E-07	6.67E-07	4.15E-07	1.28E-07	5.43E-07	9.83E-08	3.27E-08	1.31E-07	7.66E-08	1.58E-08	9.24E-08
5451	624497.38	4266370.89	5.03E-07	1.73E-07	6.76E-07	4.20E-07	1.29E-07	5.50E-07	9.95E-08	3.31E-08	1.33E-07	7.76E-08	1.60E-08	9.35E-08
5452	624527.05	4266371.42	5.18E-07	1.78E-07	6.96E-07	4.33E-07	1.33E-07	5.67E-07	1.03E-07	3.41E-08	1.37E-07	8.00E-08	1.64E-08	9.64E-08
5453	624536.94	4266371.6	5.22E-07	1.80E-07	7.02E-07	4.37E-07	1.34E-07	5.71E-07	1.03E-07	3.44E-08	1.38E-07	8.06E-08	1.66E-08	9.72E-08
5454	624546.83	4266371.78	5.26E-07	1.81E-07	7.07E-07	4.40E-07	1.35E-07	5.75E-07	1.04E-07	3.47E-08	1.39E-07	8.12E-08	1.67E-08	9.79E-08
5455	624556.72	4266371.95	5.29E-07	1.82E-07	7.11E-07	4.42E-07	1.36E-07	5.78E-07	1.05E-07	3.49E-08	1.40E-07	8.16E-08	1.68E-08	9.84E-08
5456	624566.61	4266372.13	5.32E-07	1.83E-07	7.14E-07	4.44E-07	1.37E-07	5.81E-07	1.05E-07	3.50E-08	1.40E-07	8.20E-08	1.69E-08	9.89E-08
5457	624635.83	4266373.37	5.34E-07	1.84E-07	7.17E-07	4.46E-07	1.37E-07	5.83E-07	1.06E-07	3.52E-08	1.41E-07	8.23E-08	1.69E-08	9.93E-08
5458	624665.5	4266373.9	5.27E-07	1.81E-07	7.08E-07	4.40E-07	1.36E-07	5.76E-07	1.04E-07	3.47E-08	1.39E-07	8.12E-08	1.67E-08	9.80E-08
5459	624675.39	4266374.07	5.23E-07	1.80E-07	7.03E-07	4.37E-07	1.35E-07	5.72E-07	1.04E-07	3.45E-08	1.38E-07	8.07E-08	1.66E-08	9.73E-08
5460	624685.28	4266374.25	5.19E-07	1.78E-07	6.97E-07	4.34E-07	1.34E-07	5.67E-07	1.03E-07	3.42E-08	1.37E-07	8.01E-08	1.65E-08	9.65E-08
5461	624695.16	4266374.43	5.14E-07	1.77E-07	6.91E-07	4.30E-07	1.32E-07	5.62E-07	1.02E-07	3.39E-08	1.36E-07	7.94E-08	1.63E-08	9.57E-08
5462	624705.05	4266374.6	5.09E-07	1.75E-07	6.84E-07	4.26E-07	1.31E-07	5.57E-07	1.01E-07	3.35E-08	1.34E-07	7.86E-08	1.62E-08	9.47E-08
5463	624714.94	4266374.78	5.04E-07	1.73E-07	6.77E-07	4.21E-07	1.30E-07	5.51E-07	9.97E-08	3.32E-08	1.33E-07	7.77E-08	1.60E-08	9.37E-08
5464	624724.83	4266374.95	4.98E-07	1.71E-07	6.69E-07	4.16E-07	1.28E-07	5.44E-07	9.85E-08	3.28E-08	1.31E-07	7.68E-08	1.58E-08	9.26E-08
5465	624754.5	4266375.48	4.78E-07	1.64E-07	6.42E-07	3.99E-07	1.23E-07	5.22E-07	9.46E-08	3.15E-08	1.26E-07	7.37E-08	1.52E-08	8.89E-08
5466	624764.39	4266375.66	4.71E-07	1.62E-07	6.32E-07	3.93E-07	1.21E-07	5.15E-07	9.32E-08	3.10E-08	1.24E-07	7.26E-08	1.49E-08	8.76E-08
5467	624339.84	4266389.44	3.60E-07	1.24E-07	4.84E-07	3.01E-07	9.27E-08	3.94E-07	7.13E-08	2.37E-08	9.50E-08	5.55E-08	1.14E-08	6.70E-08
5468	624331.08	4266385.63	3.58E-07	1.23E-07	4.81E-07	2.99E-07	9.21E-08	3.91E-07	7.08E-08	2.36E-08	9.44E-08	5.52E-08	1.14E-08	6.65E-08

5469	624322.32	4266381.83	3.55E-07	1.22E-07	4.77E-07	2.97E-07	9.14E-08	3.88E-07	7.02E-08	2.34E-08	9.36E-08	5.48E-08	1.13E-08	6.60E-08
5470	624313.57	4266378.03	3.52E-07	1.21E-07	4.73E-07	2.94E-07	9.06E-08	3.85E-07	6.96E-08	2.32E-08	9.28E-08	5.43E-08	1.12E-08	6.54E-08
5471	624304.81	4266374.22	3.48E-07	1.20E-07	4.68E-07	2.91E-07	8.96E-08	3.81E-07	6.89E-08	2.29E-08	9.19E-08	5.37E-08	1.10E-08	6.48E-08
5472	624296.05	4266370.42	3.44E-07	1.18E-07	4.63E-07	2.88E-07	8.86E-08	3.76E-07	6.82E-08	2.27E-08	9.08E-08	5.31E-08	1.09E-08	6.41E-08
5473	624287.29	4266366.62	3.40E-07	1.17E-07	4.57E-07	2.84E-07	8.76E-08	3.72E-07	6.73E-08	2.24E-08	8.98E-08	5.25E-08	1.08E-08	6.33E-08
5474	624278.54	4266362.81	3.36E-07	1.16E-07	4.51E-07	2.81E-07	8.65E-08	3.67E-07	6.65E-08	2.21E-08	8.86E-08	5.18E-08	1.07E-08	6.25E-08
5475	624269.78	4266359.01	3.31E-07	1.14E-07	4.45E-07	2.77E-07	8.53E-08	3.62E-07	6.56E-08	2.18E-08	8.74E-08	5.11E-08	1.05E-08	6.17E-08
5476	624261.02	4266355.21	3.27E-07	1.12E-07	4.39E-07	2.73E-07	8.41E-08	3.57E-07	6.46E-08	2.15E-08	8.62E-08	5.04E-08	1.04E-08	6.08E-08
5477	624252.27	4266351.41	3.22E-07	1.11E-07	4.32E-07	2.69E-07	8.28E-08	3.52E-07	6.36E-08	2.12E-08	8.48E-08	4.96E-08	1.02E-08	5.98E-08
5478	624243.51	4266347.6	3.16E-07	1.09E-07	4.25E-07	2.64E-07	8.14E-08	3.46E-07	6.26E-08	2.08E-08	8.34E-08	4.88E-08	1.00E-08	5.88E-08
5479	624234.75	4266343.8	3.11E-07	1.07E-07	4.17E-07	2.60E-07	8.00E-08	3.40E-07	6.15E-08	2.05E-08	8.20E-08	4.79E-08	9.86E-09	5.78E-08
5480	624225.99	4266340	3.05E-07	1.05E-07	4.10E-07	2.55E-07	7.85E-08	3.33E-07	6.03E-08	2.01E-08	8.04E-08	4.70E-08	9.68E-09	5.67E-08
5481	624217.24	4266336.19	2.99E-07	1.03E-07	4.02E-07	2.50E-07	7.70E-08	3.27E-07	5.92E-08	1.97E-08	7.89E-08	4.61E-08	9.49E-09	5.56E-08
5482	624208.48	4266332.39	2.93E-07	1.01E-07	3.94E-07	2.45E-07	7.54E-08	3.20E-07	5.80E-08	1.93E-08	7.73E-08	4.52E-08	9.30E-09	5.45E-08
5483	624199.72	4266328.59	2.87E-07	9.86E-08	3.85E-07	2.40E-07	7.38E-08	3.14E-07	5.68E-08	1.89E-08	7.57E-08	4.43E-08	9.10E-09	5.34E-08
5484	624190.96	4266324.78	2.81E-07	9.65E-08	3.77E-07	2.35E-07	7.23E-08	3.07E-07	5.55E-08	1.85E-08	7.40E-08	4.33E-08	8.91E-09	5.22E-08
5485	624182.21	4266320.98	2.74E-07	9.44E-08	3.69E-07	2.29E-07	7.07E-08	3.00E-07	5.43E-08	1.81E-08	7.24E-08	4.24E-08	8.71E-09	5.11E-08
5486	624169.93	4266308.3	2.69E-07	9.24E-08	3.61E-07	2.25E-07	6.92E-08	2.94E-07	5.32E-08	1.77E-08	7.09E-08	4.15E-08	8.53E-09	5.00E-08
5487	624166.41	4266299.43	2.69E-07	9.25E-08	3.61E-07	2.25E-07	6.92E-08	2.94E-07	5.32E-08	1.77E-08	7.09E-08	4.15E-08	8.53E-09	5.00E-08
5488	624162.9	4266290.55	2.69E-07	9.25E-08	3.61E-07	2.25E-07	6.92E-08	2.94E-07	5.32E-08	1.77E-08	7.10E-08	4.15E-08	8.54E-09	5.00E-08
5489	624159.38	4266281.67	2.69E-07	9.24E-08	3.61E-07	2.25E-07	6.92E-08	2.94E-07	5.32E-08	1.77E-08	7.09E-08	4.15E-08	8.53E-09	5.00E-08
5490	624155.86	4266272.8	2.69E-07	9.24E-08	3.61E-07	2.24E-07	6.91E-08	2.94E-07	5.32E-08	1.77E-08	7.09E-08	4.14E-08	8.52E-09	5.00E-08
5491	624152.34	4266263.92	2.68E-07	9.22E-08	3.60E-07	2.24E-07	6.90E-08	2.93E-07	5.31E-08	1.77E-08	7.07E-08	4.14E-08	8.51E-09	4.99E-08
5492	624148.82	4266255.05	2.68E-07	9.20E-08	3.60E-07	2.24E-07	6.89E-08	2.93E-07	5.30E-08	1.76E-08	7.06E-08	4.13E-08	8.49E-09	4.98E-08
5493	624145.3	4266246.17	2.67E-07	9.17E-08	3.59E-07	2.23E-07	6.87E-08	2.92E-07	5.28E-08	1.76E-08	7.04E-08	4.12E-08	8.47E-09	4.96E-08
5494	624141.79	4266237.3	2.66E-07	9.14E-08	3.57E-07	2.22E-07	6.85E-08	2.91E-07	5.26E-08	1.75E-08	7.01E-08	4.10E-08	8.44E-09	4.95E-08
5495	624138.27	4266228.42	2.65E-07	9.10E-08	3.56E-07	2.21E-07	6.82E-08	2.89E-07	5.24E-08	1.74E-08	6.99E-08	4.09E-08	8.40E-09	4.93E-08
5496	624134.75	4266219.54	2.63E-07	9.06E-08	3.54E-07	2.20E-07	6.78E-08	2.88E-07	5.22E-08	1.74E-08	6.95E-08	4.07E-08	8.36E-09	4.90E-08
5497	624131.23	4266210.67	2.62E-07	9.01E-08	3.52E-07	2.19E-07	6.75E-08	2.86E-07	5.19E-08	1.73E-08	6.91E-08	4.04E-08	8.32E-09	4.87E-08
5498	624127.71	4266201.79	2.60E-07	8.95E-08	3.50E-07	2.18E-07	6.70E-08	2.85E-07	5.15E-08	1.71E-08	6.87E-08	4.02E-08	8.26E-09	4.84E-08
5499	624124.2	4266192.92	2.58E-07	8.88E-08	3.47E-07	2.16E-07	6.65E-08	2.82E-07	5.11E-08	1.70E-08	6.81E-08	3.99E-08	8.20E-09	4.80E-08
5500	624348.6	4266393.24	3.62E-07	1.24E-07	4.86E-07	3.02E-07	9.32E-08	3.96E-07	7.16E-08	2.38E-08	9.55E-08	5.58E-08	1.15E-08	6.73E-08
5501	624358.49	4266393.42	3.68E-07	1.27E-07	4.95E-07	3.08E-07	9.48E-08	4.03E-07	7.29E-08	2.43E-08	9.72E-08	5.68E-08	1.17E-08	6.85E-08
5502	624368.37	4266393.59	3.75E-07	1.29E-07	5.03E-07	3.13E-07	9.64E-08	4.10E-07	7.41E-08	2.47E-08	9.88E-08	5.78E-08	1.19E-08	6.97E-08
5503	624378.26	4266393.77	3.81E-07	1.31E-07	5.12E-07	3.18E-07	9.80E-08	4.16E-07	7.54E-08	2.51E-08	1.00E-07	5.88E-08	1.21E-08	7.08E-08
5504	624388.15	4266393.95	3.87E-07	1.33E-07	5.20E-07	3.23E-07	9.96E-08	4.23E-07	7.66E-08	2.55E-08	1.02E-07	5.97E-08	1.23E-08	7.20E-08
5505	624398.04	4266394.12	3.93E-07	1.35E-07	5.28E-07	3.29E-07	1.01E-07	4.30E-07	7.78E-08	2.59E-08	1.04E-07	6.07E-08	1.25E-08	7.31E-08
5506	624407.93	4266394.3	3.99E-07	1.37E-07	5.37E-07	3.34E-07	1.03E-07	4.37E-07	7.90E-08	2.63E-08	1.05E-07	6.16E-08	1.27E-08	7.43E-08
5507	624417.82	4266394.48	4.05E-07	1.39E-07	5.45E-07	3.39E-07	1.04E-07	4.43E-07	8.02E-08	2.67E-08	1.07E-07	6.25E-08	1.29E-08	7.54E-08
5508	624447.49	4266395.01	4.23E-07	1.46E-07	5.69E-07	3.54E-07	1.09E-07	4.63E-07	8.38E-08	2.79E-08	1.12E-07	6.53E-08	1.34E-08	7.87E-08
5509	624457.38	4266395.18	4.29E-07	1.48E-07	5.76E-07	3.59E-07	1.10E-07	4.69E-07	8.49E-08	2.83E-08	1.13E-07	6.62E-08	1.36E-08	7.98E-08
5510	624467.27	4266395.36	4.35E-07	1.49E-07	5.84E-07	3.63E-07	1.12E-07	4.75E-07	8.60E-08	2.86E-08	1.15E-07	6.71E-08	1.38E-08	8.09E-08
5511	624477.16	4266395.54	4.40E-07	1.51E-07	5.91E-07	3.68E-07	1.13E-07	4.81E-07	8.71E-08	2.90E-08	1.16E-07	6.79E-08	1.40E-08	8.19E-08
5512	624487.05	4266395.71	4.45E-07	1.53E-07	5.98E-07	3.72E-07	1.15E-07	4.87E-07	8.81E-08	2.93E-08	1.17E-07	6.87E-08	1.41E-08	8.28E-08
5513	624496.93	4266395.89	4.50E-07	1.55E-07	6.05E-07	3.76E-07	1.16E-07	4.92E-07	8.91E-08	2.97E-08	1.19E-07	6.95E-08	1.43E-08	8.37E-08
5514	624506.82	4266396.07	4.55E-07	1.56E-07	6.11E-07	3.80E-07	1.17E-07	4.97E-07	9.00E-08	3.00E-08	1.20E-07	7.02E-08	1.44E-08	8.46E-08
5515	624566.16	4266397.13	4.74E-07	1.63E-07	6.37E-07	3.96E-07	1.22E-07	5.18E-07	9.38E-08	3.12E-08	1.25E-07	7.31E-08	1.50E-08	8.81E-08
5516	624576.05	4266397.3	4.75E-07	1.63E-07	6.39E-07	3.97E-07	1.22E-07	5.20E-07	9.41E-08	3.13E-08	1.25E-07	7.34E-08	1.51E-08	8.84E-08
5517	624585.94	4266397.48	4.77E-07	1.64E-07	6.41E-07	3.98E-07	1.23E-07	5.21E-07	9.43E-08	3.14E-08	1.26E-07	7.35E-08	1.51E-08	8.87E-08
5518	624595.83	4266397.66	4.77E-07	1.64E-07	6.42E-07	3.99E-07	1.23E-07	5.22E-07	9.45E-08	3.15E-08	1.26E-07	7.37E-08	1.52E-08	8.88E-08
5519	624605.72	4266397.83	4.78E-07	1.64E-07	6.42E-07	3.99E-07	1.23E-07	5.22E-07	9.45E-08	3.15E-08	1.26E-07	7.37E-08	1.52E-08	8.89E-08
5520	624615.6	4266398.01	4.77E-07	1.64E-07	6.42E-07	3.99E-07	1.23E-07	5.22E-07	9.45E-08	3.15E-08	1.26E-07	7.37E-08	1.51E-08	8.88E-08
5521	624625.49	4266398.18	4.77E-07	1.64E-07	6.41E-07	3.98E-07	1.23E-07	5.21E-07	9.44E-08	3.14E-08	1.26E-07	7.36E-08	1.51E-08	8.87E-08
5522	624635.38	4266398.36	4.76E-07	1.64E-07	6.39E-07	3.98E-07	1.22E-07	5.20E-07	9.42E-08	3.13E-08	1.26E-07	7.34E-08	1.51E-08	8.85E-08
5523	624724.39	4266399.95	4.47E-07	1.54E-07	6.01E-07	3.74E-07	1.15E-07	4.89E-07	8.86E-08	2.95E-08	1.18E-07	6.90E-08	1.42E-08	8.33E-08
5524	624734.28	4266400.13	4.42E-07	1.52E-07	5.94E-07	3.70E-07	1.14E-07	4.84E-07	8.75E-08	2.91E-08	1.17E-07	6.82E-08	1.40E-08	8.23E-08
5525	624744.16	4266400.3	4.37E-07	1.50E-07	5.87E-07	3.65E-07	1.12E-07	4.77E-07	8.64E-08	2.88E-08	1.15E-07	6.74E-08	1.39E-08	8.12E-08
5526	624754.05	4266400.48	4.31E-07	1.48E-07	5.79E-07	3.60E-07	1.11E-07	4.71E-07	8.53E-08	2.84E-08	1.14E-07	6.65E-08	1.37E-08	8.02E-08
5527	624763.94	4266400.66	4.25E-07	1.46E-07	5.71E-07	3.55E-07	1.09E-07	4.65E-07	8.42E-08	2.80E-08	1.12E-07	6.56E-08	1.35E-08	7.91E-08
5528	624773.83	4266400.83	4.19E-07	1.44E-07	5.63E-07	3.50E-07	1.08E-07	4.58E-07	8.30E-08	2.76E-08	1.11E-07	6.47E-08	1.33E-08	7.80E-08
5529	624783.72	4266401.01	4.13E-07	1.42E-07	5.55E-07	3.45E-07	1.06E-07	4.51E-07	8.17E-08	2.72E-08	1.09E-07	6.37E-08	1.31E-08	7.68E-08
5530	624793.61	4266401.19	4.07E-07	1.40E-07	5.46E-07	3.40E-07	1.05E-07	4.45E-07	8.05E-08	2.68E-08	1.07E-07	6.27E-08	1.29E-08	7.57E-08
5531	624803.5	4266401.36	4.00E-07	1.38E-07	5.38E-07	3.35E-07	1.03E-07	4.38E-07	7.92E-08	2.64E-08	1.06E-07	6.18E-08	1.27E-08	7.45E-08
5532	624813.39	4266401.54	3.94E-07	1.35E-07	5.29E-07	3.29E-07	1.01E-07	4.30E-07	7.79E-08	2.59E-08	1.04E-07	6.08E-08	1.25E-08	7.33E-08
5533	624823.28	4266401.72	3.87E-07	1.33E-07	5.20E-07	3.24E-07	9.97E-08	4.23E-07	7.66E-08	2.55E-08	1.02E-07	5.97E-08	1.23E-08	7.20E-08
5534	624833.17	4266401.89	3.80E-07	1.31E-07	5.11E-07	3.18E-07	9.79E-08	4.16E-07	7.53E-08	2.51E-08	1.00E-07	5.87E-08	1.21E-08	7.08E-08
5535	624843.06	4266402.07	3.73E-07	1.28E-07	5.02E-07	3.12E-07	9.61E-08	4.08E-07	7.39E-08	2.46E-08	9.85E-08	5.76E-08	1.18E-08	6.95E-08
5536	624339.39	4266414.43	3.34E-07	1.15E-07	4.49E-07	2.79E-07	8.59E-08	3.65E-07	6.61E-08	2.20E-08	8.81E-08	5.15E-08	1.06E-08	6.21E-08
5537	624330.64	4266410.63	3.32E-07	1.14E-07	4.46E-07	2.78E-07	8.55E-08	3.63E-07	6.57E-08	2.19E-08	8.76E-08	5.13E-08	1.05E-08	6.18E-08
5538	624321.88	4266406.83	3.30E-07	1.14E-07	4.44E-07	2.76E-07	8.50E-08	3.61E-07	6.53E-08	2.18E-08	8.71E-08	5.09E-08	1.05E-08	6.14E-08
5539	624313.12	4266403.02	3.28E-07	1.13E-07	4.40E-07	2.74E-07	8.44E-08	3.58E-07	6.49E-08	2.16E-08	8.65E-08	5.06E-08	1.04E-08	6.10E-08
5540	624304.36	4266399.22	3.25E-07	1.12E-07	4.37E-07	2.72E-07	8.36E-08	3.55E-07	6.43E-08	2.14E-08	8.57E-08	5.01E-08	1.03E-08	6.04E-08

5541	624295.61	4266395.42	3.22E-07	1.11E-07	4.32E-07	2.69E-07	8.29E-08	3.52E-07	6.37E-08	2.12E-08	8.49E-08	4.97E-08	1.02E-08	5.99E-08
5542	624286.85	4266391.61	3.19E-07	1.10E-07	4.28E-07	2.66E-07	8.20E-08	3.48E-07	6.30E-08	2.10E-08	8.40E-08	4.91E-08	1.01E-08	5.93E-08
5543	624278.09	4266387.81	3.15E-07	1.08E-07	4.23E-07	2.63E-07	8.11E-08	3.44E-07	6.24E-08	2.08E-08	8.31E-08	4.86E-08	1.00E-08	5.86E-08
5544	624269.33	4266384.01	3.11E-07	1.07E-07	4.18E-07	2.60E-07	8.02E-08	3.40E-07	6.16E-08	2.05E-08	8.21E-08	4.80E-08	9.88E-09	5.79E-08
5545	624260.58	4266380.2	3.07E-07	1.06E-07	4.13E-07	2.57E-07	7.91E-08	3.36E-07	6.08E-08	2.03E-08	8.11E-08	4.74E-08	9.76E-09	5.72E-08
5546	624251.82	4266376.4	3.03E-07	1.04E-07	4.08E-07	2.54E-07	7.81E-08	3.32E-07	6.00E-08	2.00E-08	8.00E-08	4.68E-08	9.62E-09	5.64E-08
5547	624243.06	4266372.6	2.99E-07	1.03E-07	4.02E-07	2.50E-07	7.70E-08	3.27E-07	5.92E-08	1.97E-08	7.89E-08	4.61E-08	9.49E-09	5.56E-08
5548	624234.3	4266368.79	2.94E-07	1.01E-07	3.96E-07	2.46E-07	7.58E-08	3.22E-07	5.83E-08	1.94E-08	7.77E-08	4.54E-08	9.34E-09	5.48E-08
5549	624225.55	4266364.99	2.90E-07	9.96E-08	3.89E-07	2.42E-07	7.46E-08	3.17E-07	5.73E-08	1.91E-08	7.64E-08	4.47E-08	9.19E-09	5.39E-08
5550	624216.79	4266361.19	2.85E-07	9.79E-08	3.83E-07	2.38E-07	7.33E-08	3.11E-07	5.63E-08	1.88E-08	7.51E-08	4.39E-08	9.03E-09	5.30E-08
5551	624208.03	4266357.39	2.80E-07	9.61E-08	3.76E-07	2.34E-07	7.20E-08	3.06E-07	5.53E-08	1.84E-08	7.38E-08	4.31E-08	8.87E-09	5.20E-08
5552	624199.28	4266353.58	2.74E-07	9.43E-08	3.69E-07	2.29E-07	7.06E-08	3.00E-07	5.43E-08	1.81E-08	7.24E-08	4.23E-08	8.71E-09	5.10E-08
5553	624190.52	4266349.78	2.69E-07	9.25E-08	3.62E-07	2.25E-07	6.93E-08	2.94E-07	5.32E-08	1.77E-08	7.10E-08	4.15E-08	8.54E-09	5.00E-08
5554	624181.76	4266345.98	2.64E-07	9.07E-08	3.54E-07	2.20E-07	6.79E-08	2.88E-07	5.22E-08	1.74E-08	6.95E-08	4.07E-08	8.37E-09	4.90E-08
5555	624173	4266342.17	2.58E-07	8.88E-08	3.47E-07	2.16E-07	6.65E-08	2.82E-07	5.11E-08	1.70E-08	6.81E-08	3.98E-08	8.19E-09	4.80E-08
5556	624164.25	4266338.37	2.53E-07	8.69E-08	3.40E-07	2.11E-07	6.51E-08	2.76E-07	5.00E-08	1.67E-08	6.67E-08	3.90E-08	8.02E-09	4.70E-08
5557	624151.97	4266325.69	2.48E-07	8.52E-08	3.33E-07	2.07E-07	6.38E-08	2.71E-07	4.90E-08	1.63E-08	6.53E-08	3.82E-08	7.86E-09	4.61E-08
5558	624148.45	4266316.82	2.48E-07	8.52E-08	3.33E-07	2.07E-07	6.38E-08	2.71E-07	4.90E-08	1.63E-08	6.54E-08	3.82E-08	7.86E-09	4.61E-08
5559	624144.93	4266307.94	2.48E-07	8.52E-08	3.33E-07	2.07E-07	6.38E-08	2.71E-07	4.90E-08	1.63E-08	6.54E-08	3.82E-08	7.86E-09	4.61E-08
5560	624141.42	4266299.06	2.48E-07	8.52E-08	3.33E-07	2.07E-07	6.38E-08	2.71E-07	4.90E-08	1.63E-08	6.53E-08	3.82E-08	7.86E-09	4.61E-08
5561	624137.9	4266290.19	2.47E-07	8.51E-08	3.33E-07	2.07E-07	6.37E-08	2.71E-07	4.90E-08	1.63E-08	6.53E-08	3.82E-08	7.85E-09	4.60E-08
5562	624134.38	4266281.31	2.47E-07	8.50E-08	3.32E-07	2.07E-07	6.36E-08	2.70E-07	4.89E-08	1.63E-08	6.52E-08	3.81E-08	7.84E-09	4.60E-08
5563	624130.86	4266272.44	2.47E-07	8.48E-08	3.31E-07	2.06E-07	6.35E-08	2.70E-07	4.88E-08	1.63E-08	6.51E-08	3.81E-08	7.83E-09	4.59E-08
5564	624127.34	4266263.56	2.46E-07	8.46E-08	3.31E-07	2.06E-07	6.33E-08	2.69E-07	4.87E-08	1.62E-08	6.49E-08	3.80E-08	7.81E-09	4.58E-08
5565	624123.82	4266254.69	2.45E-07	8.44E-08	3.30E-07	2.05E-07	6.32E-08	2.68E-07	4.86E-08	1.62E-08	6.47E-08	3.79E-08	7.79E-09	4.56E-08
5566	624120.31	4266245.81	2.44E-07	8.41E-08	3.29E-07	2.04E-07	6.29E-08	2.67E-07	4.84E-08	1.61E-08	6.45E-08	3.77E-08	7.76E-09	4.55E-08
5567	624085.13	4266157.05	2.26E-07	7.78E-08	3.04E-07	1.89E-07	5.83E-08	2.47E-07	4.48E-08	1.49E-08	5.97E-08	3.49E-08	7.18E-09	4.21E-08
5568	624348.15	4266418.24	3.35E-07	1.15E-07	4.50E-07	2.80E-07	8.63E-08	3.66E-07	6.63E-08	2.21E-08	8.84E-08	5.17E-08	1.06E-08	6.23E-08
5569	624358.04	4266418.41	3.40E-07	1.17E-07	4.57E-07	2.84E-07	8.76E-08	3.72E-07	6.74E-08	2.24E-08	8.98E-08	5.25E-08	1.08E-08	6.33E-08
5570	624367.93	4266418.59	3.46E-07	1.19E-07	4.64E-07	2.89E-07	8.90E-08	3.78E-07	6.84E-08	2.28E-08	9.12E-08	5.33E-08	1.10E-08	6.43E-08
5571	624377.82	4266418.77	3.51E-07	1.21E-07	4.71E-07	2.93E-07	9.03E-08	3.83E-07	6.94E-08	2.31E-08	9.25E-08	5.41E-08	1.11E-08	6.52E-08
5572	624387.71	4266418.94	3.56E-07	1.22E-07	4.78E-07	2.97E-07	9.15E-08	3.89E-07	7.04E-08	2.34E-08	9.38E-08	5.49E-08	1.13E-08	6.61E-08
5573	624397.6	4266419.12	3.60E-07	1.24E-07	4.84E-07	3.01E-07	9.28E-08	3.94E-07	7.13E-08	2.37E-08	9.51E-08	5.56E-08	1.14E-08	6.71E-08
5574	624407.49	4266419.3	3.65E-07	1.26E-07	4.91E-07	3.05E-07	9.40E-08	3.99E-07	7.23E-08	2.41E-08	9.64E-08	5.64E-08	1.16E-08	6.80E-08
5575	624417.37	4266419.47	3.70E-07	1.27E-07	4.97E-07	3.09E-07	9.53E-08	4.05E-07	7.33E-08	2.44E-08	9.76E-08	5.71E-08	1.17E-08	6.89E-08
5576	624447.04	4266420	3.84E-07	1.32E-07	5.16E-07	3.21E-07	9.89E-08	4.20E-07	7.61E-08	2.53E-08	1.01E-07	5.93E-08	1.22E-08	7.15E-08
5577	624456.93	4266420.18	3.89E-07	1.34E-07	5.23E-07	3.25E-07	1.00E-07	4.25E-07	7.70E-08	2.56E-08	1.03E-07	6.00E-08	1.23E-08	7.23E-08
5578	624466.82	4266420.36	3.93E-07	1.35E-07	5.29E-07	3.29E-07	1.01E-07	4.30E-07	7.79E-08	2.59E-08	1.04E-07	6.07E-08	1.25E-08	7.32E-08
5579	624476.71	4266420.53	3.98E-07	1.37E-07	5.34E-07	3.32E-07	1.02E-07	4.35E-07	7.87E-08	2.62E-08	1.05E-07	6.14E-08	1.26E-08	7.40E-08
5580	624486.6	4266420.71	4.02E-07	1.38E-07	5.40E-07	3.36E-07	1.03E-07	4.39E-07	7.95E-08	2.65E-08	1.06E-07	6.20E-08	1.28E-08	7.47E-08
5581	624496.49	4266420.89	4.06E-07	1.39E-07	5.45E-07	3.39E-07	1.04E-07	4.44E-07	8.03E-08	2.67E-08	1.07E-07	6.26E-08	1.29E-08	7.55E-08
5582	624506.38	4266421.06	4.09E-07	1.41E-07	5.50E-07	3.42E-07	1.05E-07	4.48E-07	8.10E-08	2.70E-08	1.08E-07	6.32E-08	1.30E-08	7.62E-08
5583	624516.27	4266421.24	4.13E-07	1.42E-07	5.55E-07	3.45E-07	1.06E-07	4.51E-07	8.17E-08	2.72E-08	1.09E-07	6.37E-08	1.31E-08	7.68E-08
5584	624526.16	4266421.41	4.16E-07	1.43E-07	5.59E-07	3.48E-07	1.07E-07	4.55E-07	8.23E-08	2.74E-08	1.10E-07	6.42E-08	1.32E-08	7.74E-08
5585	624536.04	4266421.59	4.19E-07	1.44E-07	5.62E-07	3.50E-07	1.08E-07	4.58E-07	8.28E-08	2.76E-08	1.10E-07	6.46E-08	1.33E-08	7.79E-08
5586	624545.93	4266421.77	4.21E-07	1.45E-07	5.66E-07	3.52E-07	1.08E-07	4.60E-07	8.33E-08	2.77E-08	1.11E-07	6.50E-08	1.34E-08	7.83E-08
5587	624555.82	4266421.94	4.23E-07	1.45E-07	5.69E-07	3.54E-07	1.09E-07	4.63E-07	8.37E-08	2.79E-08	1.12E-07	6.53E-08	1.34E-08	7.87E-08
5588	624565.71	4266422.12	4.25E-07	1.46E-07	5.71E-07	3.55E-07	1.09E-07	4.64E-07	8.41E-08	2.80E-08	1.12E-07	6.55E-08	1.35E-08	7.90E-08
5589	624575.6	4266422.3	4.26E-07	1.47E-07	5.73E-07	3.56E-07	1.10E-07	4.66E-07	8.43E-08	2.81E-08	1.12E-07	6.57E-08	1.35E-08	7.93E-08
5590	624644.83	4266423.53	4.26E-07	1.46E-07	5.72E-07	3.56E-07	1.10E-07	4.65E-07	8.43E-08	2.80E-08	1.12E-07	6.57E-08	1.35E-08	7.92E-08
5591	624654.72	4266423.71	4.24E-07	1.46E-07	5.70E-07	3.55E-07	1.09E-07	4.64E-07	8.40E-08	2.80E-08	1.12E-07	6.55E-08	1.35E-08	7.90E-08
5592	624664.6	4266423.89	4.23E-07	1.45E-07	5.68E-07	3.53E-07	1.09E-07	4.62E-07	8.37E-08	2.78E-08	1.12E-07	6.52E-08	1.34E-08	7.86E-08
5593	624674.49	4266424.06	4.21E-07	1.45E-07	5.65E-07	3.52E-07	1.08E-07	4.60E-07	8.32E-08	2.77E-08	1.11E-07	6.49E-08	1.33E-08	7.82E-08
5594	624684.38	4266424.24	4.18E-07	1.44E-07	5.62E-07	3.49E-07	1.08E-07	4.57E-07	8.28E-08	2.75E-08	1.10E-07	6.45E-08	1.33E-08	7.78E-08
5595	624694.27	4266424.42	4.15E-07	1.43E-07	5.58E-07	3.47E-07	1.07E-07	4.54E-07	8.22E-08	2.74E-08	1.10E-07	6.41E-08	1.32E-08	7.72E-08
5596	624704.16	4266424.59	4.12E-07	1.42E-07	5.54E-07	3.44E-07	1.06E-07	4.50E-07	8.16E-08	2.71E-08	1.09E-07	6.36E-08	1.31E-08	7.67E-08
5597	624714.05	4266424.77	4.08E-07	1.40E-07	5.49E-07	3.41E-07	1.05E-07	4.47E-07	8.09E-08	2.69E-08	1.08E-07	6.30E-08	1.30E-08	7.60E-08
5598	624723.94	4266424.95	4.05E-07	1.39E-07	5.44E-07	3.38E-07	1.04E-07	4.42E-07	8.01E-08	2.67E-08	1.07E-07	6.24E-08	1.28E-08	7.53E-08
5599	624733.83	4266425.12	4.00E-07	1.38E-07	5.38E-07	3.35E-07	1.03E-07	4.38E-07	7.92E-08	2.64E-08	1.06E-07	6.18E-08	1.27E-08	7.45E-08
5600	624743.72	4266425.3	3.96E-07	1.36E-07	5.32E-07	3.31E-07	1.02E-07	4.33E-07	7.83E-08	2.61E-08	1.04E-07	6.10E-08	1.26E-08	7.36E-08
5601	624753.61	4266425.48	3.91E-07	1.34E-07	5.25E-07	3.27E-07	1.01E-07	4.27E-07	7.74E-08	2.58E-08	1.03E-07	6.03E-08	1.24E-08	7.27E-08
5602	624763.5	4266425.65	3.86E-07	1.33E-07	5.19E-07	3.23E-07	9.94E-08	4.22E-07	7.64E-08	2.54E-08	1.02E-07	5.95E-08	1.22E-08	7.18E-08
5603	624773.39	4266425.83	3.81E-07	1.31E-07	5.12E-07	3.18E-07	9.81E-08	4.16E-07	7.54E-08	2.51E-08	1.00E-07	5.88E-08	1.21E-08	7.09E-08
5604	624783.27	4266426.01	3.76E-07	1.29E-07	5.05E-07	3.14E-07	9.68E-08	4.11E-07	7.44E-08	2.48E-08	9.92E-08	5.80E-08	1.19E-08	6.99E-08
5605	624793.16	4266426.18	3.71E-07	1.28E-07	4.98E-07	3.10E-07	9.55E-08	4.05E-07	7.34E-08	2.44E-08	9.78E-08	5.72E-08	1.18E-08	6.90E-08
5606	624803.05	4266426.36	3.66E-07	1.26E-07	4.91E-07	3.06E-07	9.42E-08	4.00E-07	7.24E-08	2.41E-08	9.65E-08	5.64E-08	1.16E-08	6.80E-08
5607	624812.94	4266426.54	3.60E-07	1.24E-07	4.84E-07	3.01E-07	9.28E-08	3.94E-07	7.13E-08	2.37E-08	9.51E-08	5.56E-08	1.14E-08	6.70E-08
5608	624822.83	4266426.71	3.55E-07	1.22E-07	4.77E-07	2.97E-07	9.14E-08	3.88E-07	7.03E-08	2.34E-08	9.36E-08	5.48E-08	1.13E-08	6.60E-08
5609	624832.72	4266426.89	3.49E-07	1.20E-07	4.69E-07	2.92E-07	8.99E-08	3.82E-07	6.91E-08	2.30E-08	9.22E-08	5.39E-08	1.11E-08	6.50E-08
5610	624842.61	4266427.07	3.44E-07	1.18E-07	4.62E-07	2.87E-07	8.84E-08	3.76E-07	6.80E-08	2.26E-08	9.06E-08	5.30E-08	1.09E-08	6.39E-08
5611	624338.95	4266439.43	3.10E-07	1.07E-07	4.17E-07	2.59E-07	7.99E-08	3.39E-07	6.15E-08	2.05E-08	8.19E-08	4.79E-08	9.85E-09	5.78E-08
5612	624330.19	4266435.63	3.09E-07	1.06E-07	4.16E-07	2.59E-07	7.96E-08	3.38E-07	6.12E-08	2.04E-08	8.16E-08	4.77E-08	9.82E-09	5.75E-08

5613	624321.43	4266431.82	3.08E-07	1.06E-07	4.14E-07	2.57E-07	7.93E-08	3.37E-07	6.09E-08	2.03E-08	8.12E-08	4.75E-08	9.77E-09	5.73E-08
5614	624312.67	4266428.02	3.06E-07	1.05E-07	4.11E-07	2.56E-07	7.88E-08	3.35E-07	6.06E-08	2.02E-08	8.07E-08	4.72E-08	9.71E-09	5.69E-08
5615	624303.92	4266424.22	3.04E-07	1.05E-07	4.08E-07	2.54E-07	7.82E-08	3.32E-07	6.02E-08	2.00E-08	8.02E-08	4.69E-08	9.64E-09	5.65E-08
5616	624295.16	4266420.41	3.01E-07	1.04E-07	4.05E-07	2.52E-07	7.76E-08	3.30E-07	5.97E-08	1.99E-08	7.95E-08	4.65E-08	9.57E-09	5.61E-08
5617	624286.4	4266416.61	2.99E-07	1.03E-07	4.02E-07	2.50E-07	7.69E-08	3.27E-07	5.91E-08	1.97E-08	7.88E-08	4.61E-08	9.48E-09	5.56E-08
5618	624277.64	4266412.81	2.96E-07	1.02E-07	3.98E-07	2.47E-07	7.62E-08	3.24E-07	5.86E-08	1.95E-08	7.81E-08	4.57E-08	9.39E-09	5.50E-08
5619	624268.89	4266409	2.93E-07	1.01E-07	3.94E-07	2.45E-07	7.54E-08	3.20E-07	5.80E-08	1.93E-08	7.73E-08	4.52E-08	9.29E-09	5.45E-08
5620	624260.13	4266405.2	2.90E-07	9.96E-08	3.89E-07	2.42E-07	7.46E-08	3.17E-07	5.73E-08	1.91E-08	7.64E-08	4.47E-08	9.19E-09	5.39E-08
5621	624251.37	4266401.4	2.86E-07	9.84E-08	3.85E-07	2.39E-07	7.37E-08	3.13E-07	5.67E-08	1.89E-08	7.55E-08	4.42E-08	9.09E-09	5.33E-08
5622	624242.62	4266397.59	2.83E-07	9.72E-08	3.80E-07	2.36E-07	7.28E-08	3.09E-07	5.60E-08	1.86E-08	7.46E-08	4.36E-08	8.97E-09	5.26E-08
5623	624233.86	4266393.79	2.79E-07	9.59E-08	3.75E-07	2.33E-07	7.18E-08	3.05E-07	5.52E-08	1.84E-08	7.36E-08	4.31E-08	8.85E-09	5.19E-08
5624	624225.1	4266389.99	2.75E-07	9.46E-08	3.70E-07	2.30E-07	7.08E-08	3.01E-07	5.44E-08	1.81E-08	7.26E-08	4.24E-08	8.73E-09	5.12E-08
5625	624216.34	4266386.18	2.71E-07	9.32E-08	3.64E-07	2.26E-07	6.98E-08	2.96E-07	5.36E-08	1.79E-08	7.15E-08	4.18E-08	8.60E-09	5.04E-08
5626	624207.59	4266382.38	2.67E-07	9.17E-08	3.58E-07	2.23E-07	6.87E-08	2.92E-07	5.28E-08	1.76E-08	7.04E-08	4.11E-08	8.46E-09	4.96E-08
5627	624198.83	4266378.58	2.62E-07	9.02E-08	3.52E-07	2.19E-07	6.75E-08	2.87E-07	5.19E-08	1.73E-08	6.92E-08	4.05E-08	8.32E-09	4.88E-08
5628	624190.07	4266374.78	2.58E-07	8.86E-08	3.46E-07	2.15E-07	6.63E-08	2.82E-07	5.10E-08	1.70E-08	6.80E-08	3.98E-08	8.18E-09	4.79E-08
5629	624181.31	4266370.97	2.53E-07	8.70E-08	3.40E-07	2.11E-07	6.51E-08	2.77E-07	5.01E-08	1.67E-08	6.68E-08	3.90E-08	8.03E-09	4.71E-08
5630	624172.56	4266367.17	2.48E-07	8.54E-08	3.34E-07	2.08E-07	6.39E-08	2.71E-07	4.91E-08	1.64E-08	6.55E-08	3.83E-08	7.88E-09	4.62E-08
5631	624163.8	4266363.37	2.43E-07	8.37E-08	3.27E-07	2.04E-07	6.27E-08	2.66E-07	4.82E-08	1.60E-08	6.42E-08	3.76E-08	7.73E-09	4.53E-08
5632	624155.04	4266359.56	2.39E-07	8.21E-08	3.21E-07	1.99E-07	6.14E-08	2.61E-07	4.72E-08	1.57E-08	6.30E-08	3.68E-08	7.57E-09	4.44E-08
5633	624146.28	4266355.76	2.34E-07	8.04E-08	3.14E-07	1.95E-07	6.02E-08	2.56E-07	4.63E-08	1.54E-08	6.17E-08	3.61E-08	7.42E-09	4.35E-08
5634	624134.01	4266343.08	2.29E-07	7.88E-08	3.08E-07	1.92E-07	5.90E-08	2.51E-07	4.54E-08	1.51E-08	6.05E-08	3.54E-08	7.27E-09	4.26E-08
5635	624130.49	4266334.2	2.29E-07	7.88E-08	3.08E-07	1.92E-07	5.90E-08	2.51E-07	4.54E-08	1.51E-08	6.05E-08	3.54E-08	7.28E-09	4.27E-08
5636	624126.97	4266325.33	2.29E-07	7.88E-08	3.08E-07	1.92E-07	5.90E-08	2.51E-07	4.54E-08	1.51E-08	6.05E-08	3.54E-08	7.28E-09	4.26E-08
5637	624123.45	4266316.45	2.29E-07	7.88E-08	3.08E-07	1.92E-07	5.90E-08	2.51E-07	4.54E-08	1.51E-08	6.05E-08	3.54E-08	7.27E-09	4.26E-08
5638	624119.94	4266307.58	2.29E-07	7.87E-08	3.08E-07	1.91E-07	5.89E-08	2.50E-07	4.53E-08	1.51E-08	6.04E-08	3.53E-08	7.27E-09	4.26E-08
5639	624081.24	4266209.95	2.20E-07	7.56E-08	2.95E-07	1.84E-07	5.66E-08	2.40E-07	4.35E-08	1.45E-08	5.80E-08	3.39E-08	6.97E-09	4.09E-08
5640	624077.72	4266201.07	2.18E-07	7.50E-08	2.93E-07	1.82E-07	5.61E-08	2.38E-07	4.32E-08	1.44E-08	5.75E-08	3.36E-08	6.92E-09	4.06E-08
5641	624074.2	4266192.19	2.16E-07	7.43E-08	2.91E-07	1.81E-07	5.57E-08	2.36E-07	4.28E-08	1.42E-08	5.70E-08	3.34E-08	6.86E-09	4.02E-08
5642	624070.68	4266183.32	2.14E-07	7.36E-08	2.88E-07	1.79E-07	5.51E-08	2.34E-07	4.24E-08	1.41E-08	5.65E-08	3.30E-08	6.80E-09	3.98E-08
5643	624067.16	4266174.44	2.12E-07	7.29E-08	2.85E-07	1.77E-07	5.46E-08	2.32E-07	4.20E-08	1.40E-08	5.59E-08	3.27E-08	6.73E-09	3.94E-08
5644	624063.65	4266165.57	2.10E-07	7.21E-08	2.82E-07	1.75E-07	5.40E-08	2.29E-07	4.15E-08	1.38E-08	5.54E-08	3.24E-08	6.66E-09	3.90E-08
5645	624347.7	4266443.23	3.11E-07	1.07E-07	4.18E-07	2.60E-07	8.01E-08	3.40E-07	6.16E-08	2.05E-08	8.21E-08	4.80E-08	9.88E-09	5.79E-08
5646	624357.59	4266443.41	3.16E-07	1.09E-07	4.24E-07	2.64E-07	8.13E-08	3.45E-07	6.25E-08	2.08E-08	8.33E-08	4.87E-08	1.00E-08	5.87E-08
5647	624367.48	4266443.59	3.20E-07	1.10E-07	4.30E-07	2.67E-07	8.23E-08	3.50E-07	6.33E-08	2.11E-08	8.44E-08	4.93E-08	1.01E-08	5.95E-08
5648	624377.37	4266443.76	3.24E-07	1.11E-07	4.35E-07	2.71E-07	8.34E-08	3.54E-07	6.41E-08	2.13E-08	8.55E-08	5.00E-08	1.03E-08	6.03E-08
5649	624387.26	4266443.94	3.28E-07	1.13E-07	4.41E-07	2.74E-07	8.44E-08	3.59E-07	6.49E-08	2.16E-08	8.65E-08	5.06E-08	1.04E-08	6.10E-08
5650	624397.15	4266444.12	3.32E-07	1.14E-07	4.46E-07	2.77E-07	8.54E-08	3.63E-07	6.57E-08	2.19E-08	8.75E-08	5.12E-08	1.05E-08	6.17E-08
5651	624407.04	4266444.29	3.36E-07	1.15E-07	4.51E-07	2.81E-07	8.64E-08	3.67E-07	6.65E-08	2.21E-08	8.86E-08	5.18E-08	1.07E-08	6.25E-08
5652	624416.93	4266444.47	3.40E-07	1.17E-07	4.56E-07	2.84E-07	8.74E-08	3.71E-07	6.72E-08	2.24E-08	8.96E-08	5.24E-08	1.08E-08	6.32E-08
5653	624426.82	4266444.64	3.43E-07	1.18E-07	4.61E-07	2.87E-07	8.84E-08	3.75E-07	6.79E-08	2.26E-08	9.06E-08	5.30E-08	1.09E-08	6.39E-08
5654	624436.71	4266444.82	3.47E-07	1.19E-07	4.66E-07	2.90E-07	8.93E-08	3.79E-07	6.87E-08	2.29E-08	9.16E-08	5.35E-08	1.10E-08	6.46E-08
5655	624446.6	4266445	3.51E-07	1.21E-07	4.71E-07	2.93E-07	9.03E-08	3.83E-07	6.94E-08	2.31E-08	9.25E-08	5.41E-08	1.11E-08	6.52E-08
5656	624456.48	4266445.17	3.54E-07	1.22E-07	4.76E-07	2.96E-07	9.12E-08	3.87E-07	7.01E-08	2.33E-08	9.35E-08	5.47E-08	1.12E-08	6.59E-08
5657	624466.37	4266445.35	3.58E-07	1.23E-07	4.81E-07	2.99E-07	9.22E-08	3.91E-07	7.08E-08	2.36E-08	9.44E-08	5.52E-08	1.14E-08	6.66E-08
5658	624476.26	4266445.53	3.61E-07	1.24E-07	4.86E-07	3.02E-07	9.30E-08	3.95E-07	7.15E-08	2.38E-08	9.53E-08	5.58E-08	1.15E-08	6.72E-08
5659	624486.15	4266445.7	3.65E-07	1.25E-07	4.90E-07	3.05E-07	9.39E-08	3.99E-07	7.22E-08	2.40E-08	9.62E-08	5.63E-08	1.16E-08	6.78E-08
5660	624496.04	4266445.88	3.68E-07	1.26E-07	4.94E-07	3.07E-07	9.47E-08	4.02E-07	7.28E-08	2.42E-08	9.70E-08	5.67E-08	1.17E-08	6.84E-08
5661	624505.93	4266446.06	3.71E-07	1.27E-07	4.98E-07	3.10E-07	9.54E-08	4.05E-07	7.34E-08	2.44E-08	9.78E-08	5.72E-08	1.18E-08	6.90E-08
5662	624515.82	4266446.23	3.73E-07	1.28E-07	5.02E-07	3.12E-07	9.61E-08	4.08E-07	7.39E-08	2.46E-08	9.85E-08	5.76E-08	1.18E-08	6.95E-08
5663	624525.71	4266446.41	3.76E-07	1.29E-07	5.05E-07	3.14E-07	9.68E-08	4.11E-07	7.44E-08	2.48E-08	9.91E-08	5.80E-08	1.19E-08	6.99E-08
5664	624594.93	4266447.65	3.85E-07	1.33E-07	5.18E-07	3.22E-07	9.92E-08	4.21E-07	7.63E-08	2.54E-08	1.02E-07	5.95E-08	1.22E-08	7.17E-08
5665	624604.82	4266447.82	3.86E-07	1.33E-07	5.18E-07	3.22E-07	9.93E-08	4.22E-07	7.63E-08	2.54E-08	1.02E-07	5.95E-08	1.22E-08	7.18E-08
5666	624614.71	4266448	3.86E-07	1.33E-07	5.18E-07	3.22E-07	9.93E-08	4.22E-07	7.63E-08	2.54E-08	1.02E-07	5.95E-08	1.22E-08	7.18E-08
5667	624624.6	4266448.18	3.85E-07	1.33E-07	5.18E-07	3.22E-07	9.92E-08	4.21E-07	7.63E-08	2.54E-08	1.02E-07	5.95E-08	1.22E-08	7.17E-08
5668	624634.49	4266448.35	3.85E-07	1.32E-07	5.17E-07	3.22E-07	9.91E-08	4.21E-07	7.62E-08	2.54E-08	1.02E-07	5.94E-08	1.22E-08	7.16E-08
5669	624644.38	4266448.53	3.84E-07	1.32E-07	5.16E-07	3.21E-07	9.89E-08	4.20E-07	7.61E-08	2.53E-08	1.01E-07	5.93E-08	1.22E-08	7.15E-08
5670	624654.27	4266448.71	3.83E-07	1.32E-07	5.15E-07	3.20E-07	9.87E-08	4.19E-07	7.59E-08	2.53E-08	1.01E-07	5.92E-08	1.22E-08	7.13E-08
5671	624664.16	4266448.88	3.82E-07	1.31E-07	5.13E-07	3.19E-07	9.84E-08	4.18E-07	7.56E-08	2.52E-08	1.01E-07	5.90E-08	1.21E-08	7.11E-08
5672	624674.05	4266449.06	3.80E-07	1.31E-07	5.11E-07	3.18E-07	9.80E-08	4.16E-07	7.53E-08	2.51E-08	1.00E-07	5.87E-08	1.21E-08	7.08E-08
5673	624683.94	4266449.24	3.78E-07	1.30E-07	5.09E-07	3.16E-07	9.74E-08	4.14E-07	7.49E-08	2.49E-08	9.99E-08	5.84E-08	1.20E-08	7.04E-08
5674	624693.83	4266449.41	3.76E-07	1.29E-07	5.06E-07	3.14E-07	9.69E-08	4.11E-07	7.45E-08	2.48E-08	9.93E-08	5.81E-08	1.19E-08	7.00E-08
5675	624703.71	4266449.59	3.74E-07	1.28E-07	5.02E-07	3.12E-07	9.62E-08	4.08E-07	7.40E-08	2.46E-08	9.86E-08	5.77E-08	1.19E-08	6.95E-08
5676	624713.6	4266449.77	3.71E-07	1.27E-07	4.98E-07	3.10E-07	9.54E-08	4.05E-07	7.34E-08	2.44E-08	9.78E-08	5.72E-08	1.18E-08	6.90E-08
5677	624723.49	4266449.94	3.67E-07	1.26E-07	4.94E-07	3.07E-07	9.46E-08	4.02E-07	7.27E-08	2.42E-08	9.70E-08	5.67E-08	1.17E-08	6.84E-08
5678	624733.38	4266450.12	3.64E-07	1.25E-07	4.89E-07	3.04E-07	9.37E-08	3.98E-07	7.20E-08	2.40E-08	9.60E-08	5.62E-08	1.15E-08	6.77E-08
5679	624743.27	4266450.3	3.60E-07	1.24E-07	4.84E-07	3.01E-07	9.27E-08	3.94E-07	7.13E-08	2.37E-08	9.50E-08	5.56E-08	1.14E-08	6.70E-08
5680	624753.16	4266450.47	3.56E-07	1.22E-07	4.79E-07	2.98E-07	9.17E-08	3.89E-07	7.05E-08	2.35E-08	9.40E-08	5.49E-08	1.13E-08	6.63E-08
5681	624763.05	4266450.65	3.52E-07	1.21E-07	4.73E-07	2.94E-07	9.06E-08	3.85E-07	6.97E-08	2.32E-08	9.29E-08	5.43E-08	1.12E-08	6.55E-08
5682	624772.94	4266450.83	3.48E-07	1.20E-07	4.67E-07	2.91E-07	8.95E-08	3.80E-07	6.88E-08	2.29E-08	9.18E-08	5.37E-08	1.10E-08	6.47E-08
5683	624782.83	4266451	3.44E-07	1.18E-07	4.62E-07	2.87E-07	8.85E-08	3.76E-07	6.80E-08	2.26E-08	9.07E-08	5.30E-08	1.09E-08	6.39E-08
5684	624792.72	4266451.18	3.40E-07	1.17E-07	4.56E-07	2.84E-07	8.74E-08	3.71E-07	6.72E-08	2.24E-08	8.96E-08	5.24E-08	1.08E-08	6.32E-08

5685	624802.61	4266451.36	3.35E-07	1.15E-07	4.51E-07	2.80E-07	8.64E-08	3.67E-07	6.64E-08	2.21E-08	8.85E-08	5.18E-08	1.06E-08	6.24E-08
5686	624812.5	4266451.53	3.31E-07	1.14E-07	4.45E-07	2.77E-07	8.52E-08	3.62E-07	6.55E-08	2.18E-08	8.73E-08	5.11E-08	1.05E-08	6.16E-08
5687	624822.39	4266451.71	3.27E-07	1.12E-07	4.39E-07	2.73E-07	8.41E-08	3.57E-07	6.46E-08	2.15E-08	8.62E-08	5.04E-08	1.04E-08	6.08E-08
5688	624832.27	4266451.89	3.22E-07	1.11E-07	4.33E-07	2.69E-07	8.29E-08	3.52E-07	6.37E-08	2.12E-08	8.49E-08	4.97E-08	1.02E-08	5.99E-08
5689	624842.16	4266452.06	3.17E-07	1.09E-07	4.26E-07	2.65E-07	8.17E-08	3.47E-07	6.28E-08	2.09E-08	8.37E-08	4.89E-08	1.01E-08	5.90E-08
5690	624338.05	4266489.42	2.71E-07	9.30E-08	3.64E-07	2.26E-07	6.96E-08	2.96E-07	5.35E-08	1.78E-08	7.14E-08	4.17E-08	8.58E-09	5.03E-08
5691	624329.3	4266485.62	2.70E-07	9.29E-08	3.63E-07	2.26E-07	6.95E-08	2.95E-07	5.35E-08	1.78E-08	7.13E-08	4.17E-08	8.57E-09	5.03E-08
5692	624320.54	4266481.81	2.69E-07	9.27E-08	3.62E-07	2.25E-07	6.94E-08	2.95E-07	5.33E-08	1.78E-08	7.11E-08	4.16E-08	8.55E-09	5.01E-08
5693	624311.78	4266478.01	2.69E-07	9.24E-08	3.61E-07	2.24E-07	6.91E-08	2.94E-07	5.32E-08	1.77E-08	7.09E-08	4.14E-08	8.52E-09	5.00E-08
5694	624303.02	4266474.21	2.67E-07	9.19E-08	3.59E-07	2.23E-07	6.88E-08	2.92E-07	5.29E-08	1.76E-08	7.05E-08	4.13E-08	8.49E-09	4.97E-08
5695	624294.27	4266470.41	2.66E-07	9.14E-08	3.57E-07	2.22E-07	6.85E-08	2.91E-07	5.26E-08	1.75E-08	7.02E-08	4.10E-08	8.44E-09	4.95E-08
5696	624285.51	4266466.6	2.64E-07	9.09E-08	3.55E-07	2.21E-07	6.80E-08	2.89E-07	5.23E-08	1.74E-08	6.97E-08	4.08E-08	8.39E-09	4.92E-08
5697	624276.75	4266462.8	2.62E-07	9.02E-08	3.53E-07	2.19E-07	6.75E-08	2.87E-07	5.19E-08	1.73E-08	6.92E-08	4.05E-08	8.33E-09	4.88E-08
5698	624267.99	4266459	2.60E-07	8.95E-08	3.50E-07	2.18E-07	6.70E-08	2.85E-07	5.15E-08	1.72E-08	6.87E-08	4.02E-08	8.26E-09	4.84E-08
5699	624259.24	4266455.19	2.58E-07	8.88E-08	3.47E-07	2.16E-07	6.65E-08	2.82E-07	5.11E-08	1.70E-08	6.81E-08	3.98E-08	8.19E-09	4.80E-08
5700	624250.48	4266451.39	2.56E-07	8.80E-08	3.44E-07	2.14E-07	6.59E-08	2.80E-07	5.06E-08	1.69E-08	6.75E-08	3.95E-08	8.12E-09	4.76E-08
5701	624241.72	4266447.59	2.53E-07	8.71E-08	3.41E-07	2.12E-07	6.52E-08	2.77E-07	5.02E-08	1.67E-08	6.69E-08	3.91E-08	8.04E-09	4.71E-08
5702	624232.97	4266443.78	2.51E-07	8.63E-08	3.37E-07	2.10E-07	6.46E-08	2.74E-07	4.97E-08	1.65E-08	6.62E-08	3.87E-08	7.96E-09	4.67E-08
5703	624224.21	4266439.98	2.48E-07	8.53E-08	3.34E-07	2.07E-07	6.39E-08	2.71E-07	4.91E-08	1.64E-08	6.55E-08	3.83E-08	7.88E-09	4.62E-08
5704	624215.45	4266436.18	2.45E-07	8.44E-08	3.30E-07	2.05E-07	6.32E-08	2.68E-07	4.86E-08	1.62E-08	6.47E-08	3.79E-08	7.79E-09	4.56E-08
5705	624206.69	4266432.37	2.42E-07	8.34E-08	3.26E-07	2.03E-07	6.24E-08	2.65E-07	4.80E-08	1.60E-08	6.40E-08	3.74E-08	7.69E-09	4.51E-08
5706	624197.94	4266428.57	2.39E-07	8.23E-08	3.22E-07	2.00E-07	6.16E-08	2.62E-07	4.74E-08	1.58E-08	6.31E-08	3.69E-08	7.59E-09	4.45E-08
5707	624189.18	4266424.77	2.36E-07	8.12E-08	3.17E-07	1.97E-07	6.08E-08	2.58E-07	4.67E-08	1.56E-08	6.23E-08	3.64E-08	7.49E-09	4.39E-08
5708	624180.42	4266420.96	2.33E-07	8.00E-08	3.13E-07	1.94E-07	5.99E-08	2.54E-07	4.61E-08	1.53E-08	6.14E-08	3.59E-08	7.38E-09	4.33E-08
5709	624171.66	4266417.16	2.29E-07	7.88E-08	3.08E-07	1.92E-07	5.90E-08	2.51E-07	4.54E-08	1.51E-08	6.05E-08	3.54E-08	7.27E-09	4.26E-08
5710	624162.91	4266413.36	2.26E-07	7.75E-08	3.03E-07	1.88E-07	5.81E-08	2.47E-07	4.46E-08	1.49E-08	5.95E-08	3.48E-08	7.16E-09	4.20E-08
5711	624154.15	4266409.55	2.22E-07	7.63E-08	2.98E-07	1.85E-07	5.71E-08	2.42E-07	4.39E-08	1.46E-08	5.85E-08	3.42E-08	7.04E-09	4.13E-08
5712	624145.39	4266405.75	2.18E-07	7.50E-08	2.93E-07	1.82E-07	5.61E-08	2.38E-07	4.32E-08	1.44E-08	5.75E-08	3.36E-08	6.92E-09	4.06E-08
5713	624136.63	4266401.95	2.14E-07	7.36E-08	2.88E-07	1.79E-07	5.51E-08	2.34E-07	4.24E-08	1.41E-08	5.65E-08	3.30E-08	6.79E-09	3.98E-08
5714	624127.88	4266398.14	2.10E-07	7.23E-08	2.82E-07	1.76E-07	5.41E-08	2.30E-07	4.16E-08	1.38E-08	5.55E-08	3.24E-08	6.67E-09	3.91E-08
5715	624119.12	4266394.34	2.06E-07	7.09E-08	2.77E-07	1.72E-07	5.31E-08	2.25E-07	4.08E-08	1.36E-08	5.44E-08	3.18E-08	6.55E-09	3.84E-08
5716	624080.5	4266333.48	1.98E-07	6.80E-08	2.66E-07	1.65E-07	5.09E-08	2.16E-07	3.91E-08	1.30E-08	5.22E-08	3.05E-08	6.28E-09	3.68E-08
5717	624076.98	4266324.61	1.97E-07	6.79E-08	2.65E-07	1.65E-07	5.08E-08	2.16E-07	3.91E-08	1.30E-08	5.21E-08	3.05E-08	6.27E-09	3.67E-08
5718	624073.46	4266315.73	1.97E-07	6.78E-08	2.65E-07	1.65E-07	5.08E-08	2.16E-07	3.90E-08	1.30E-08	5.20E-08	3.04E-08	6.26E-09	3.67E-08
5719	624069.94	4266306.85	1.97E-07	6.77E-08	2.64E-07	1.64E-07	5.07E-08	2.15E-07	3.89E-08	1.30E-08	5.19E-08	3.04E-08	6.24E-09	3.66E-08
5720	624066.42	4266297.98	1.96E-07	6.75E-08	2.64E-07	1.64E-07	5.05E-08	2.15E-07	3.89E-08	1.29E-08	5.18E-08	3.03E-08	6.23E-09	3.65E-08
5721	624062.91	4266289.1	1.96E-07	6.73E-08	2.63E-07	1.64E-07	5.04E-08	2.14E-07	3.88E-08	1.29E-08	5.17E-08	3.02E-08	6.22E-09	3.64E-08
5722	624059.39	4266280.23	1.95E-07	6.72E-08	2.62E-07	1.63E-07	5.03E-08	2.14E-07	3.87E-08	1.29E-08	5.15E-08	3.01E-08	6.20E-09	3.63E-08
5723	624055.87	4266271.35	1.95E-07	6.69E-08	2.62E-07	1.63E-07	5.01E-08	2.13E-07	3.85E-08	1.28E-08	5.14E-08	3.00E-08	6.18E-09	3.62E-08
5724	624052.35	4266262.48	1.94E-07	6.67E-08	2.61E-07	1.62E-07	4.99E-08	2.12E-07	3.84E-08	1.28E-08	5.12E-08	2.99E-08	6.16E-09	3.61E-08
5725	624048.83	4266253.6	1.93E-07	6.64E-08	2.60E-07	1.61E-07	4.97E-08	2.11E-07	3.82E-08	1.27E-08	5.10E-08	2.98E-08	6.13E-09	3.59E-08
5726	624045.31	4266244.72	1.92E-07	6.61E-08	2.58E-07	1.61E-07	4.95E-08	2.10E-07	3.81E-08	1.27E-08	5.07E-08	2.97E-08	6.10E-09	3.58E-08
5727	624041.8	4266235.85	1.91E-07	6.58E-08	2.57E-07	1.60E-07	4.92E-08	2.09E-07	3.79E-08	1.26E-08	5.05E-08	2.95E-08	6.07E-09	3.56E-08
5728	624038.28	4266226.97	1.90E-07	6.54E-08	2.55E-07	1.59E-07	4.89E-08	2.08E-07	3.76E-08	1.25E-08	5.02E-08	2.93E-08	6.03E-09	3.54E-08
5729	624034.76	4266218.1	1.89E-07	6.49E-08	2.54E-07	1.58E-07	4.86E-08	2.06E-07	3.74E-08	1.24E-08	4.98E-08	2.91E-08	5.99E-09	3.51E-08
5730	624031.24	4266209.22	1.87E-07	6.44E-08	2.52E-07	1.57E-07	4.82E-08	2.05E-07	3.71E-08	1.23E-08	4.94E-08	2.89E-08	5.95E-09	3.49E-08
5731	624027.72	4266200.35	1.86E-07	6.39E-08	2.50E-07	1.55E-07	4.78E-08	2.03E-07	3.68E-08	1.22E-08	4.90E-08	2.87E-08	5.90E-09	3.46E-08
5732	624024.21	4266191.47	1.84E-07	6.33E-08	2.48E-07	1.54E-07	4.74E-08	2.01E-07	3.65E-08	1.21E-08	4.86E-08	2.84E-08	5.85E-09	3.43E-08
5733	624020.69	4266182.6	1.83E-07	6.28E-08	2.45E-07	1.53E-07	4.70E-08	2.00E-07	3.61E-08	1.20E-08	4.82E-08	2.82E-08	5.79E-09	3.40E-08
5734	624017.17	4266173.72	1.81E-07	6.22E-08	2.43E-07	1.51E-07	4.65E-08	1.98E-07	3.58E-08	1.19E-08	4.77E-08	2.79E-08	5.74E-09	3.36E-08
5735	624013.65	4266164.84	1.79E-07	6.16E-08	2.41E-07	1.50E-07	4.61E-08	1.96E-07	3.54E-08	1.18E-08	4.72E-08	2.76E-08	5.68E-09	3.33E-08
5736	624346.81	4266493.22	2.71E-07	9.31E-08	3.64E-07	2.26E-07	6.97E-08	2.96E-07	5.36E-08	1.78E-08	7.14E-08	4.18E-08	8.59E-09	5.03E-08
5737	624356.7	4266493.4	2.74E-07	9.41E-08	3.68E-07	2.29E-07	7.04E-08	2.99E-07	5.42E-08	1.80E-08	7.22E-08	4.22E-08	8.68E-09	5.09E-08
5738	624366.59	4266493.58	2.76E-07	9.50E-08	3.71E-07	2.31E-07	7.12E-08	3.02E-07	5.47E-08	1.82E-08	7.29E-08	4.26E-08	8.77E-09	5.14E-08
5739	624376.48	4266493.75	2.79E-07	9.60E-08	3.75E-07	2.33E-07	7.19E-08	3.05E-07	5.52E-08	1.84E-08	7.36E-08	4.31E-08	8.86E-09	5.19E-08
5740	624386.37	4266493.93	2.82E-07	9.69E-08	3.79E-07	2.35E-07	7.25E-08	3.08E-07	5.58E-08	1.86E-08	7.43E-08	4.35E-08	8.94E-09	5.24E-08
5741	624396.26	4266494.11	2.84E-07	9.78E-08	3.82E-07	2.38E-07	7.32E-08	3.11E-07	5.63E-08	1.87E-08	7.50E-08	4.39E-08	9.02E-09	5.29E-08
5742	624406.15	4266494.28	2.87E-07	9.86E-08	3.85E-07	2.40E-07	7.38E-08	3.14E-07	5.68E-08	1.89E-08	7.57E-08	4.42E-08	9.10E-09	5.33E-08
5743	624416.04	4266494.46	2.89E-07	9.94E-08	3.89E-07	2.42E-07	7.45E-08	3.16E-07	5.72E-08	1.91E-08	7.63E-08	4.46E-08	9.18E-09	5.38E-08
5744	624485.26	4266495.7	3.05E-07	1.05E-07	4.09E-07	2.55E-07	7.85E-08	3.33E-07	6.03E-08	2.01E-08	8.04E-08	4.70E-08	9.67E-09	5.67E-08
5745	624495.15	4266495.87	3.07E-07	1.05E-07	4.12E-07	2.56E-07	7.89E-08	3.35E-07	6.07E-08	2.02E-08	8.09E-08	4.73E-08	9.73E-09	5.70E-08
5746	624505.04	4266496.05	3.08E-07	1.06E-07	4.14E-07	2.58E-07	7.94E-08	3.37E-07	6.10E-08	2.03E-08	8.14E-08	4.76E-08	9.79E-09	5.74E-08
5747	624514.93	4266496.23	3.10E-07	1.07E-07	4.17E-07	2.59E-07	7.98E-08	3.39E-07	6.14E-08	2.04E-08	8.18E-08	4.78E-08	9.84E-09	5.77E-08
5748	624524.82	4266496.4	3.12E-07	1.07E-07	4.19E-07	2.60E-07	8.02E-08	3.41E-07	6.17E-08	2.05E-08	8.22E-08	4.81E-08	9.89E-09	5.80E-08
5749	624534.71	4266496.58	3.13E-07	1.08E-07	4.21E-07	2.62E-07	8.06E-08	3.42E-07	6.20E-08	2.06E-08	8.26E-08	4.83E-08	9.94E-09	5.82E-08
5750	624544.59	4266496.76	3.14E-07	1.08E-07	4.22E-07	2.63E-07	8.09E-08	3.44E-07	6.22E-08	2.07E-08	8.29E-08	4.85E-08	9.97E-09	5.85E-08
5751	624554.48	4266496.93	3.15E-07	1.08E-07	4.24E-07	2.64E-07	8.12E-08	3.45E-07	6.24E-08	2.08E-08	8.32E-08	4.87E-08	1.00E-08	5.87E-08
5752	624564.37	4266497.11	3.16E-07	1.09E-07	4.25E-07	2.64E-07	8.14E-08	3.46E-07	6.26E-08	2.08E-08	8.35E-08	4.88E-08	1.00E-08	5.89E-08
5753	624574.26	4266497.29	3.17E-07	1.09E-07	4.26E-07	2.65E-07	8.16E-08	3.47E-07	6.28E-08	2.09E-08	8.37E-08	4.89E-08	1.01E-08	5.90E-08
5754	624584.15	4266497.46	3.18E-07	1.09E-07	4.27E-07	2.66E-07	8.18E-08	3.47E-07	6.29E-08	2.09E-08	8.38E-08	4.90E-08	1.01E-08	5.91E-08
5755	624594.04	4266497.64	3.18E-07	1.09E-07	4.28E-07	2.66E-07	8.19E-08	3.48E-07	6.30E-08	2.10E-08	8.39E-08	4.91E-08	1.01E-08	5.92E-08
5756	624603.93	4266497.82	3.18E-07	1.10E-07	4.28E-07	2.66E-07	8.20E-08	3.48E-07	6.30E-08	2.10E-08	8.40E-08	4.91E-08	1.01E-08	5.93E-08

5757	624613.82	4266497.99	3.19E-07	1.10E-07	4.28E-07	2.66E-07	8.20E-08	3.48E-07	6.31E-08	2.10E-08	8.41E-08	4.92E-08	1.01E-08	5.93E-08
5758	624623.71	4266498.17	3.19E-07	1.10E-07	4.28E-07	2.66E-07	8.20E-08	3.48E-07	6.31E-08	2.10E-08	8.41E-08	4.92E-08	1.01E-08	5.93E-08
5759	624633.6	4266498.35	3.19E-07	1.10E-07	4.28E-07	2.66E-07	8.20E-08	3.48E-07	6.30E-08	2.10E-08	8.40E-08	4.91E-08	1.01E-08	5.93E-08
5760	624643.49	4266498.52	3.18E-07	1.09E-07	4.28E-07	2.66E-07	8.19E-08	3.48E-07	6.30E-08	2.10E-08	8.40E-08	4.91E-08	1.01E-08	5.92E-08
5761	624653.38	4266498.7	3.18E-07	1.09E-07	4.27E-07	2.66E-07	8.18E-08	3.47E-07	6.29E-08	2.09E-08	8.38E-08	4.90E-08	1.01E-08	5.91E-08
5762	624663.27	4266498.88	3.17E-07	1.09E-07	4.26E-07	2.65E-07	8.16E-08	3.47E-07	6.27E-08	2.09E-08	8.36E-08	4.89E-08	1.01E-08	5.90E-08
5763	624673.15	4266499.05	3.16E-07	1.09E-07	4.25E-07	2.64E-07	8.13E-08	3.45E-07	6.25E-08	2.08E-08	8.34E-08	4.87E-08	1.00E-08	5.88E-08
5764	624683.04	4266499.23	3.15E-07	1.08E-07	4.23E-07	2.63E-07	8.10E-08	3.44E-07	6.23E-08	2.07E-08	8.30E-08	4.86E-08	9.99E-09	5.85E-08
5765	624692.93	4266499.41	3.13E-07	1.08E-07	4.21E-07	2.62E-07	8.06E-08	3.42E-07	6.20E-08	2.06E-08	8.26E-08	4.83E-08	9.94E-09	5.83E-08
5766	624702.82	4266499.58	3.11E-07	1.07E-07	4.18E-07	2.60E-07	8.02E-08	3.40E-07	6.16E-08	2.05E-08	8.21E-08	4.80E-08	9.88E-09	5.79E-08
5767	624712.71	4266499.76	3.09E-07	1.06E-07	4.16E-07	2.59E-07	7.96E-08	3.38E-07	6.12E-08	2.04E-08	8.16E-08	4.77E-08	9.82E-09	5.75E-08
5768	624722.6	4266499.94	3.07E-07	1.06E-07	4.13E-07	2.57E-07	7.90E-08	3.36E-07	6.08E-08	2.02E-08	8.10E-08	4.74E-08	9.74E-09	5.71E-08
5769	624732.49	4266500.11	3.05E-07	1.05E-07	4.09E-07	2.55E-07	7.84E-08	3.33E-07	6.03E-08	2.01E-08	8.04E-08	4.70E-08	9.67E-09	5.67E-08
5770	624742.38	4266500.29	3.02E-07	1.04E-07	4.06E-07	2.52E-07	7.77E-08	3.30E-07	5.98E-08	1.99E-08	7.97E-08	4.66E-08	9.58E-09	5.62E-08
5771	624752.27	4266500.46	2.99E-07	1.03E-07	4.02E-07	2.50E-07	7.70E-08	3.27E-07	5.92E-08	1.97E-08	7.89E-08	4.62E-08	9.50E-09	5.57E-08
5772	624762.16	4266500.64	2.96E-07	1.02E-07	3.98E-07	2.48E-07	7.63E-08	3.24E-07	5.87E-08	1.95E-08	7.82E-08	4.57E-08	9.41E-09	5.51E-08
5773	624772.05	4266500.82	2.94E-07	1.01E-07	3.95E-07	2.45E-07	7.56E-08	3.21E-07	5.81E-08	1.93E-08	7.75E-08	4.53E-08	9.32E-09	5.46E-08
5774	624781.94	4266500.99	2.91E-07	1.00E-07	3.91E-07	2.43E-07	7.49E-08	3.18E-07	5.76E-08	1.92E-08	7.67E-08	4.49E-08	9.23E-09	5.41E-08
5775	624791.82	4266501.17	2.88E-07	9.90E-08	3.87E-07	2.41E-07	7.42E-08	3.15E-07	5.70E-08	1.90E-08	7.60E-08	4.44E-08	9.14E-09	5.36E-08
5776	624801.71	4266501.35	2.85E-07	9.81E-08	3.83E-07	2.38E-07	7.34E-08	3.12E-07	5.64E-08	1.88E-08	7.52E-08	4.40E-08	9.05E-09	5.31E-08
5777	624811.6	4266501.52	2.82E-07	9.70E-08	3.79E-07	2.36E-07	7.26E-08	3.08E-07	5.59E-08	1.86E-08	7.44E-08	4.35E-08	8.95E-09	5.25E-08
5778	624821.49	4266501.7	2.79E-07	9.60E-08	3.75E-07	2.33E-07	7.18E-08	3.05E-07	5.52E-08	1.84E-08	7.36E-08	4.31E-08	8.86E-09	5.19E-08
5779	624831.38	4266501.88	2.76E-07	9.49E-08	3.71E-07	2.31E-07	7.10E-08	3.02E-07	5.46E-08	1.82E-08	7.28E-08	4.26E-08	8.75E-09	5.13E-08
5780	624841.27	4266502.05	2.73E-07	9.37E-08	3.66E-07	2.28E-07	7.02E-08	2.98E-07	5.39E-08	1.80E-08	7.19E-08	4.21E-08	8.65E-09	5.07E-08
5781	624318.8	4266531.44	2.38E-07	8.17E-08	3.19E-07	1.99E-07	6.12E-08	2.60E-07	4.70E-08	1.57E-08	6.27E-08	3.67E-08	7.54E-09	4.42E-08
5782	624309.76	4266527.51	2.37E-07	8.16E-08	3.19E-07	1.98E-07	6.11E-08	2.59E-07	4.70E-08	1.56E-08	6.26E-08	3.66E-08	7.53E-09	4.42E-08
5783	624300.72	4266523.59	2.37E-07	8.14E-08	3.18E-07	1.98E-07	6.09E-08	2.59E-07	4.69E-08	1.56E-08	6.24E-08	3.65E-08	7.51E-09	4.40E-08
5784	624291.68	4266519.66	2.36E-07	8.11E-08	3.17E-07	1.97E-07	6.07E-08	2.58E-07	4.67E-08	1.55E-08	6.22E-08	3.64E-08	7.49E-09	4.39E-08
5785	624282.64	4266515.74	2.35E-07	8.07E-08	3.16E-07	1.96E-07	6.05E-08	2.57E-07	4.65E-08	1.55E-08	6.19E-08	3.62E-08	7.45E-09	4.37E-08
5786	624273.6	4266511.81	2.34E-07	8.03E-08	3.14E-07	1.95E-07	6.01E-08	2.55E-07	4.62E-08	1.54E-08	6.16E-08	3.60E-08	7.41E-09	4.35E-08
5787	624264.56	4266507.88	2.32E-07	7.98E-08	3.12E-07	1.94E-07	5.98E-08	2.54E-07	4.60E-08	1.53E-08	6.12E-08	3.58E-08	7.37E-09	4.32E-08
5788	624255.52	4266503.96	2.31E-07	7.93E-08	3.10E-07	1.93E-07	5.94E-08	2.52E-07	4.56E-08	1.52E-08	6.08E-08	3.56E-08	7.32E-09	4.29E-08
5789	624246.48	4266500.03	2.29E-07	7.87E-08	3.08E-07	1.91E-07	5.89E-08	2.50E-07	4.53E-08	1.51E-08	6.04E-08	3.53E-08	7.26E-09	4.26E-08
5790	624237.44	4266496.11	2.27E-07	7.81E-08	3.05E-07	1.90E-07	5.85E-08	2.48E-07	4.50E-08	1.50E-08	5.99E-08	3.51E-08	7.21E-09	4.23E-08
5791	624228.4	4266492.18	2.25E-07	7.75E-08	3.03E-07	1.88E-07	5.80E-08	2.46E-07	4.46E-08	1.48E-08	5.94E-08	3.48E-08	7.15E-09	4.19E-08
5792	624219.36	4266488.25	2.23E-07	7.68E-08	3.00E-07	1.87E-07	5.75E-08	2.44E-07	4.42E-08	1.47E-08	5.89E-08	3.45E-08	7.09E-09	4.15E-08
5793	624210.32	4266484.33	2.21E-07	7.61E-08	2.97E-07	1.85E-07	5.69E-08	2.42E-07	4.38E-08	1.46E-08	5.84E-08	3.41E-08	7.02E-09	4.12E-08
5794	624201.28	4266480.4	2.19E-07	7.53E-08	2.94E-07	1.83E-07	5.64E-08	2.39E-07	4.34E-08	1.44E-08	5.78E-08	3.38E-08	6.95E-09	4.07E-08
5795	624192.24	4266476.48	2.17E-07	7.45E-08	2.91E-07	1.81E-07	5.58E-08	2.37E-07	4.29E-08	1.43E-08	5.72E-08	3.34E-08	6.88E-09	4.03E-08
5796	624183.2	4266472.55	2.14E-07	7.37E-08	2.88E-07	1.79E-07	5.52E-08	2.34E-07	4.24E-08	1.41E-08	5.65E-08	3.31E-08	6.80E-09	3.99E-08
5797	624174.16	4266468.63	2.12E-07	7.28E-08	2.85E-07	1.77E-07	5.45E-08	2.31E-07	4.19E-08	1.39E-08	5.59E-08	3.27E-08	6.72E-09	3.94E-08
5798	624165.12	4266464.7	2.09E-07	7.19E-08	2.81E-07	1.75E-07	5.38E-08	2.29E-07	4.14E-08	1.38E-08	5.52E-08	3.23E-08	6.63E-09	3.89E-08
5799	624156.08	4266460.77	2.06E-07	7.09E-08	2.77E-07	1.72E-07	5.31E-08	2.26E-07	4.08E-08	1.36E-08	5.44E-08	3.18E-08	6.55E-09	3.84E-08
5800	624147.04	4266456.85	2.03E-07	6.99E-08	2.73E-07	1.70E-07	5.24E-08	2.22E-07	4.03E-08	1.34E-08	5.37E-08	3.14E-08	6.45E-09	3.78E-08
5801	624138	4266452.92	2.00E-07	6.89E-08	2.69E-07	1.67E-07	5.16E-08	2.19E-07	3.97E-08	1.32E-08	5.29E-08	3.09E-08	6.36E-09	3.73E-08
5802	624128.96	4266449	1.97E-07	6.78E-08	2.65E-07	1.65E-07	5.08E-08	2.16E-07	3.90E-08	1.30E-08	5.20E-08	3.04E-08	6.26E-09	3.67E-08
5803	624119.92	4266445.07	1.94E-07	6.67E-08	2.61E-07	1.62E-07	5.00E-08	2.12E-07	3.84E-08	1.28E-08	5.12E-08	2.99E-08	6.16E-09	3.61E-08
5804	624074.72	4266425.44	1.77E-07	6.10E-08	2.38E-07	1.48E-07	4.57E-08	1.94E-07	3.51E-08	1.17E-08	4.68E-08	2.74E-08	5.63E-09	3.30E-08
5805	624062.05	4266412.35	1.74E-07	5.98E-08	2.34E-07	1.45E-07	4.48E-08	1.90E-07	3.44E-08	1.15E-08	4.59E-08	2.68E-08	5.52E-09	3.24E-08
5806	624058.42	4266403.19	1.74E-07	5.98E-08	2.34E-07	1.45E-07	4.48E-08	1.90E-07	3.44E-08	1.15E-08	4.59E-08	2.68E-08	5.52E-09	3.23E-08
5807	624054.79	4266394.03	1.74E-07	5.97E-08	2.33E-07	1.45E-07	4.47E-08	1.90E-07	3.44E-08	1.14E-08	4.58E-08	2.68E-08	5.51E-09	3.23E-08
5808	624051.16	4266384.87	1.74E-07	5.97E-08	2.33E-07	1.45E-07	4.47E-08	1.90E-07	3.43E-08	1.14E-08	4.58E-08	2.68E-08	5.51E-09	3.23E-08
5809	624047.52	4266375.7	1.73E-07	5.96E-08	2.33E-07	1.45E-07	4.46E-08	1.89E-07	3.43E-08	1.14E-08	4.57E-08	2.67E-08	5.50E-09	3.22E-08
5810	624043.89	4266366.54	1.73E-07	5.95E-08	2.33E-07	1.45E-07	4.45E-08	1.89E-07	3.42E-08	1.14E-08	4.56E-08	2.67E-08	5.49E-09	3.22E-08
5811	624040.26	4266357.38	1.73E-07	5.94E-08	2.32E-07	1.44E-07	4.45E-08	1.89E-07	3.42E-08	1.14E-08	4.56E-08	2.67E-08	5.48E-09	3.21E-08
5812	624036.63	4266348.22	1.72E-07	5.93E-08	2.32E-07	1.44E-07	4.44E-08	1.89E-07	3.41E-08	1.14E-08	4.55E-08	2.66E-08	5.47E-09	3.21E-08
5813	624033	4266339.06	1.72E-07	5.92E-08	2.31E-07	1.44E-07	4.43E-08	1.88E-07	3.41E-08	1.13E-08	4.54E-08	2.66E-08	5.46E-09	3.20E-08
5814	624029.37	4266329.9	1.72E-07	5.91E-08	2.31E-07	1.44E-07	4.42E-08	1.88E-07	3.40E-08	1.13E-08	4.53E-08	2.65E-08	5.45E-09	3.20E-08
5815	624025.74	4266320.73	1.71E-07	5.90E-08	2.30E-07	1.43E-07	4.41E-08	1.87E-07	3.39E-08	1.13E-08	4.52E-08	2.65E-08	5.44E-09	3.19E-08
5816	624022.1	4266311.57	1.71E-07	5.88E-08	2.30E-07	1.43E-07	4.40E-08	1.87E-07	3.39E-08	1.13E-08	4.51E-08	2.64E-08	5.43E-09	3.18E-08
5817	624018.47	4266302.41	1.71E-07	5.87E-08	2.29E-07	1.43E-07	4.40E-08	1.87E-07	3.38E-08	1.12E-08	4.50E-08	2.63E-08	5.42E-09	3.18E-08
5818	624014.84	4266293.25	1.70E-07	5.86E-08	2.29E-07	1.42E-07	4.38E-08	1.86E-07	3.37E-08	1.12E-08	4.49E-08	2.63E-08	5.41E-09	3.17E-08
5819	624011.21	4266284.09	1.70E-07	5.84E-08	2.28E-07	1.42E-07	4.37E-08	1.86E-07	3.36E-08	1.12E-08	4.48E-08	2.62E-08	5.39E-09	3.16E-08
5820	624007.58	4266274.92	1.69E-07	5.82E-08	2.28E-07	1.42E-07	4.36E-08	1.85E-07	3.35E-08	1.12E-08	4.47E-08	2.61E-08	5.37E-09	3.15E-08
5821	624003.95	4266265.76	1.69E-07	5.80E-08	2.27E-07	1.41E-07	4.34E-08	1.84E-07	3.34E-08	1.11E-08	4.45E-08	2.60E-08	5.35E-09	3.14E-08
5822	624000.31	4266256.6	1.68E-07	5.78E-08	2.26E-07	1.40E-07	4.32E-08	1.84E-07	3.33E-08	1.11E-08	4.43E-08	2.59E-08	5.33E-09	3.13E-08
5823	623996.68	4266247.44	1.67E-07	5.75E-08	2.25E-07	1.40E-07	4.30E-08	1.83E-07	3.31E-08	1.10E-08	4.41E-08	2.58E-08	5.30E-09	3.11E-08
5824	623993.05	4266238.28	1.66E-07	5.72E-08	2.23E-07	1.39E-07	4.28E-08	1.82E-07	3.29E-08	1.10E-08	4.39E-08	2.56E-08	5.27E-09	3.09E-08
5825	623989.42	4266229.11	1.65E-07	5.68E-08	2.22E-07	1.38E-07	4.25E-08	1.81E-07	3.27E-08	1.09E-08	4.36E-08	2.55E-08	5.24E-09	3.07E-08
5826	623985.79	4266219.95	1.64E-07	5.64E-08	2.20E-07	1.37E-07	4.22E-08	1.79E-07	3.25E-08	1.08E-08	4.33E-08	2.53E-08	5.20E-09	3.05E-08
5827	623982.16	4266210.79	1.63E-07	5.59E-08	2.19E-07	1.36E-07	4.19E-08	1.78E-07	3.22E-08	1.07E-08	4.29E-08	2.51E-08	5.16E-09	3.03E-08
5828	623978.52	4266201.63	1.61E-07	5.55E-08	2.17E-07	1.35E-07	4.15E-08	1.76E-07	3.19E-08	1.06E-08	4.26E-08	2.49E-08	5.12E-09	3.00E-08

5829	623974.89	4266192.47	1.60E-07	5.50E-08	2.15E-07	1.34E-07	4.12E-08	1.75E-07	3.16E-08	1.05E-08	4.22E-08	2.47E-08	5.07E-09	2.97E-08
5830	623971.26	4266183.3	1.58E-07	5.45E-08	2.13E-07	1.32E-07	4.08E-08	1.73E-07	3.14E-08	1.04E-08	4.18E-08	2.44E-08	5.03E-09	2.95E-08
5831	623967.63	4266174.14	1.57E-07	5.40E-08	2.11E-07	1.31E-07	4.04E-08	1.72E-07	3.11E-08	1.03E-08	4.14E-08	2.42E-08	4.98E-09	2.92E-08
5832	623964	4266164.98	1.55E-07	5.35E-08	2.09E-07	1.30E-07	4.00E-08	1.70E-07	3.08E-08	1.02E-08	4.10E-08	2.40E-08	4.93E-09	2.89E-08
5833	624365.7	4266543.57	2.41E-07	8.30E-08	3.24E-07	2.02E-07	6.21E-08	2.64E-07	4.78E-08	1.59E-08	6.37E-08	3.72E-08	7.66E-09	4.49E-08
5834	624375.59	4266543.75	2.43E-07	8.36E-08	3.27E-07	2.03E-07	6.26E-08	2.66E-07	4.81E-08	1.60E-08	6.41E-08	3.75E-08	7.72E-09	4.52E-08
5835	624385.47	4266543.92	2.45E-07	8.42E-08	3.29E-07	2.05E-07	6.30E-08	2.68E-07	4.85E-08	1.61E-08	6.46E-08	3.78E-08	7.77E-09	4.55E-08
5836	624395.36	4266544.1	2.46E-07	8.47E-08	3.31E-07	2.06E-07	6.35E-08	2.69E-07	4.88E-08	1.62E-08	6.50E-08	3.80E-08	7.82E-09	4.59E-08
5837	624405.25	4266544.28	2.48E-07	8.53E-08	3.33E-07	2.07E-07	6.39E-08	2.71E-07	4.91E-08	1.63E-08	6.54E-08	3.83E-08	7.87E-09	4.61E-08
5838	624415.14	4266544.45	2.50E-07	8.58E-08	3.35E-07	2.09E-07	6.42E-08	2.73E-07	4.94E-08	1.64E-08	6.58E-08	3.85E-08	7.92E-09	4.64E-08
5839	624425.03	4266544.63	2.51E-07	8.63E-08	3.37E-07	2.10E-07	6.46E-08	2.74E-07	4.97E-08	1.65E-08	6.62E-08	3.87E-08	7.96E-09	4.67E-08
5840	624434.92	4266544.81	2.52E-07	8.68E-08	3.39E-07	2.11E-07	6.50E-08	2.76E-07	5.00E-08	1.66E-08	6.66E-08	3.89E-08	8.01E-09	4.69E-08
5841	624444.81	4266544.98	2.54E-07	8.73E-08	3.41E-07	2.12E-07	6.53E-08	2.77E-07	5.02E-08	1.67E-08	6.69E-08	3.92E-08	8.05E-09	4.72E-08
5842	624454.7	4266545.16	2.55E-07	8.77E-08	3.43E-07	2.13E-07	6.57E-08	2.79E-07	5.05E-08	1.68E-08	6.73E-08	3.94E-08	8.09E-09	4.75E-08
5843	624464.59	4266545.34	2.56E-07	8.82E-08	3.45E-07	2.14E-07	6.60E-08	2.80E-07	5.07E-08	1.69E-08	6.76E-08	3.96E-08	8.14E-09	4.77E-08
5844	624474.48	4266545.51	2.58E-07	8.86E-08	3.46E-07	2.15E-07	6.63E-08	2.82E-07	5.10E-08	1.70E-08	6.80E-08	3.97E-08	8.18E-09	4.79E-08
5845	624484.37	4266545.69	2.59E-07	8.90E-08	3.48E-07	2.16E-07	6.66E-08	2.83E-07	5.12E-08	1.71E-08	6.83E-08	3.99E-08	8.21E-09	4.81E-08
5846	624494.26	4266545.87	2.60E-07	8.94E-08	3.49E-07	2.17E-07	6.69E-08	2.84E-07	5.15E-08	1.71E-08	6.86E-08	4.01E-08	8.25E-09	4.84E-08
5847	624504.15	4266546.04	2.61E-07	8.98E-08	3.51E-07	2.18E-07	6.72E-08	2.85E-07	5.17E-08	1.72E-08	6.89E-08	4.03E-08	8.28E-09	4.86E-08
5848	624514.03	4266546.22	2.62E-07	9.01E-08	3.52E-07	2.19E-07	6.75E-08	2.87E-07	5.19E-08	1.73E-08	6.91E-08	4.04E-08	8.32E-09	4.88E-08
5849	624523.92	4266546.4	2.63E-07	9.04E-08	3.53E-07	2.20E-07	6.77E-08	2.88E-07	5.21E-08	1.73E-08	6.94E-08	4.06E-08	8.35E-09	4.89E-08
5850	624533.81	4266546.57	2.64E-07	9.08E-08	3.55E-07	2.21E-07	6.80E-08	2.89E-07	5.22E-08	1.74E-08	6.96E-08	4.07E-08	8.38E-09	4.91E-08
5851	624543.7	4266546.75	2.65E-07	9.10E-08	3.56E-07	2.21E-07	6.82E-08	2.89E-07	5.24E-08	1.74E-08	6.98E-08	4.09E-08	8.40E-09	4.93E-08
5852	624553.59	4266546.92	2.65E-07	9.13E-08	3.57E-07	2.22E-07	6.84E-08	2.90E-07	5.26E-08	1.75E-08	7.00E-08	4.10E-08	8.43E-09	4.94E-08
5853	624563.48	4266547.1	2.66E-07	9.15E-08	3.58E-07	2.22E-07	6.85E-08	2.91E-07	5.27E-08	1.75E-08	7.02E-08	4.11E-08	8.45E-09	4.95E-08
5854	624573.37	4266547.28	2.67E-07	9.17E-08	3.58E-07	2.23E-07	6.87E-08	2.92E-07	5.28E-08	1.76E-08	7.04E-08	4.12E-08	8.47E-09	4.96E-08
5855	624583.26	4266547.45	2.67E-07	9.19E-08	3.59E-07	2.23E-07	6.88E-08	2.92E-07	5.29E-08	1.76E-08	7.05E-08	4.12E-08	8.48E-09	4.97E-08
5856	624593.15	4266547.63	2.68E-07	9.21E-08	3.60E-07	2.24E-07	6.89E-08	2.93E-07	5.30E-08	1.76E-08	7.06E-08	4.13E-08	8.50E-09	4.98E-08
5857	624603.04	4266547.81	2.68E-07	9.22E-08	3.60E-07	2.24E-07	6.90E-08	2.93E-07	5.31E-08	1.77E-08	7.07E-08	4.14E-08	8.51E-09	4.99E-08
5858	624612.93	4266547.98	2.68E-07	9.23E-08	3.61E-07	2.24E-07	6.91E-08	2.93E-07	5.31E-08	1.77E-08	7.08E-08	4.14E-08	8.52E-09	4.99E-08
5859	624622.82	4266548.16	2.68E-07	9.23E-08	3.61E-07	2.24E-07	6.91E-08	2.94E-07	5.31E-08	1.77E-08	7.08E-08	4.14E-08	8.52E-09	4.99E-08
5860	624632.7	4266548.34	2.68E-07	9.23E-08	3.61E-07	2.24E-07	6.91E-08	2.94E-07	5.31E-08	1.77E-08	7.08E-08	4.14E-08	8.52E-09	4.99E-08
5861	624642.59	4266548.51	2.68E-07	9.23E-08	3.61E-07	2.24E-07	6.91E-08	2.93E-07	5.31E-08	1.77E-08	7.08E-08	4.14E-08	8.52E-09	4.99E-08
5862	624652.48	4266548.69	2.68E-07	9.22E-08	3.60E-07	2.24E-07	6.90E-08	2.93E-07	5.31E-08	1.77E-08	7.07E-08	4.14E-08	8.51E-09	4.99E-08
5863	624662.37	4266548.87	2.68E-07	9.20E-08	3.60E-07	2.24E-07	6.89E-08	2.92E-07	5.30E-08	1.76E-08	7.06E-08	4.13E-08	8.49E-09	4.98E-08
5864	624672.26	4266549.04	2.67E-07	9.17E-08	3.59E-07	2.23E-07	6.87E-08	2.92E-07	5.28E-08	1.76E-08	7.04E-08	4.12E-08	8.47E-09	4.96E-08
5865	624682.15	4266549.22	2.66E-07	9.14E-08	3.57E-07	2.22E-07	6.85E-08	2.91E-07	5.26E-08	1.75E-08	7.01E-08	4.10E-08	8.44E-09	4.95E-08
5866	624692.04	4266549.4	2.65E-07	9.10E-08	3.56E-07	2.21E-07	6.82E-08	2.89E-07	5.24E-08	1.74E-08	6.98E-08	4.08E-08	8.40E-09	4.93E-08
5867	624701.93	4266549.57	2.63E-07	9.06E-08	3.54E-07	2.20E-07	6.78E-08	2.88E-07	5.21E-08	1.74E-08	6.95E-08	4.06E-08	8.36E-09	4.90E-08
5868	624711.82	4266549.75	2.62E-07	9.01E-08	3.52E-07	2.19E-07	6.74E-08	2.86E-07	5.18E-08	1.73E-08	6.91E-08	4.04E-08	8.31E-09	4.87E-08
5869	624721.71	4266549.93	2.60E-07	8.95E-08	3.50E-07	2.18E-07	6.70E-08	2.85E-07	5.15E-08	1.72E-08	6.87E-08	4.02E-08	8.26E-09	4.84E-08
5870	624731.6	4266550.1	2.59E-07	8.89E-08	3.48E-07	2.16E-07	6.66E-08	2.83E-07	5.12E-08	1.70E-08	6.82E-08	3.99E-08	8.21E-09	4.81E-08
5871	624741.49	4266550.28	2.57E-07	8.83E-08	3.45E-07	2.15E-07	6.61E-08	2.81E-07	5.08E-08	1.69E-08	6.77E-08	3.96E-08	8.15E-09	4.78E-08
5872	624751.38	4266550.46	2.55E-07	8.76E-08	3.43E-07	2.13E-07	6.56E-08	2.79E-07	5.05E-08	1.68E-08	6.72E-08	3.93E-08	8.09E-09	4.74E-08
5873	624761.26	4266550.63	2.53E-07	8.70E-08	3.40E-07	2.11E-07	6.51E-08	2.77E-07	5.01E-08	1.67E-08	6.67E-08	3.90E-08	8.03E-09	4.71E-08
5874	624771.15	4266550.81	2.51E-07	8.63E-08	3.37E-07	2.10E-07	6.46E-08	2.74E-07	4.97E-08	1.65E-08	6.62E-08	3.87E-08	7.97E-09	4.67E-08
5875	624781.04	4266550.99	2.49E-07	8.57E-08	3.35E-07	2.08E-07	6.41E-08	2.72E-07	4.93E-08	1.64E-08	6.57E-08	3.84E-08	7.91E-09	4.63E-08
5876	624790.93	4266551.16	2.47E-07	8.50E-08	3.32E-07	2.07E-07	6.36E-08	2.70E-07	4.89E-08	1.63E-08	6.52E-08	3.81E-08	7.85E-09	4.60E-08
5877	624800.82	4266551.34	2.45E-07	8.43E-08	3.30E-07	2.05E-07	6.31E-08	2.68E-07	4.85E-08	1.62E-08	6.47E-08	3.78E-08	7.78E-09	4.56E-08
5878	624810.71	4266551.52	2.43E-07	8.36E-08	3.27E-07	2.03E-07	6.26E-08	2.66E-07	4.81E-08	1.60E-08	6.42E-08	3.75E-08	7.72E-09	4.52E-08
5879	624820.6	4266551.69	2.41E-07	8.29E-08	3.24E-07	2.01E-07	6.21E-08	2.64E-07	4.77E-08	1.59E-08	6.36E-08	3.72E-08	7.65E-09	4.48E-08
5880	624830.49	4266551.87	2.39E-07	8.21E-08	3.21E-07	2.00E-07	6.15E-08	2.61E-07	4.73E-08	1.57E-08	6.30E-08	3.68E-08	7.58E-09	4.44E-08
5881	624840.38	4266552.05	2.36E-07	8.13E-08	3.18E-07	1.98E-07	6.09E-08	2.59E-07	4.68E-08	1.56E-08	6.24E-08	3.65E-08	7.50E-09	4.40E-08
5882	624336.02	4266589.3	2.11E-07	7.24E-08	2.83E-07	1.76E-07	5.42E-08	2.30E-07	4.17E-08	1.39E-08	5.55E-08	3.25E-08	6.68E-09	3.92E-08
5883	624327.01	4266585.38	2.11E-07	7.25E-08	2.83E-07	1.76E-07	5.43E-08	2.31E-07	4.17E-08	1.39E-08	5.56E-08	3.25E-08	6.69E-09	3.92E-08
5884	624318	4266581.47	2.11E-07	7.26E-08	2.84E-07	1.76E-07	5.44E-08	2.31E-07	4.18E-08	1.39E-08	5.57E-08	3.26E-08	6.70E-09	3.93E-08
5885	624309	4266577.56	2.11E-07	7.26E-08	2.84E-07	1.76E-07	5.44E-08	2.31E-07	4.18E-08	1.39E-08	5.57E-08	3.26E-08	6.70E-09	3.93E-08
5886	624299.99	4266573.65	2.11E-07	7.26E-08	2.84E-07	1.76E-07	5.43E-08	2.31E-07	4.18E-08	1.39E-08	5.57E-08	3.26E-08	6.70E-09	3.93E-08
5887	624245.94	4266550.18	2.06E-07	7.09E-08	2.77E-07	1.72E-07	5.31E-08	2.25E-07	4.08E-08	1.36E-08	5.44E-08	3.18E-08	6.54E-09	3.84E-08
5888	624236.93	4266546.27	2.05E-07	7.05E-08	2.75E-07	1.71E-07	5.27E-08	2.24E-07	4.06E-08	1.35E-08	5.41E-08	3.16E-08	6.50E-09	3.81E-08
5889	624227.93	4266542.35	2.04E-07	7.00E-08	2.74E-07	1.70E-07	5.24E-08	2.23E-07	4.03E-08	1.34E-08	5.37E-08	3.14E-08	6.46E-09	3.79E-08
5890	624218.92	4266538.44	2.02E-07	6.95E-08	2.72E-07	1.69E-07	5.21E-08	2.21E-07	4.00E-08	1.33E-08	5.34E-08	3.12E-08	6.42E-09	3.76E-08
5891	624209.91	4266534.53	2.01E-07	6.91E-08	2.70E-07	1.68E-07	5.17E-08	2.20E-07	3.98E-08	1.32E-08	5.30E-08	3.10E-08	6.37E-09	3.74E-08
5892	624200.9	4266530.62	1.99E-07	6.86E-08	2.68E-07	1.67E-07	5.13E-08	2.18E-07	3.95E-08	1.31E-08	5.26E-08	3.08E-08	6.33E-09	3.71E-08
5893	624191.9	4266526.71	1.98E-07	6.80E-08	2.66E-07	1.65E-07	5.09E-08	2.16E-07	3.92E-08	1.30E-08	5.22E-08	3.05E-08	6.28E-09	3.68E-08
5894	624182.89	4266522.8	1.96E-07	6.75E-08	2.64E-07	1.64E-07	5.05E-08	2.14E-07	3.88E-08	1.29E-08	5.18E-08	3.03E-08	6.23E-09	3.65E-08
5895	624173.88	4266518.88	1.94E-07	6.69E-08	2.61E-07	1.63E-07	5.01E-08	2.13E-07	3.85E-08	1.28E-08	5.13E-08	3.00E-08	6.17E-09	3.62E-08
5896	624164.87	4266514.97	1.93E-07	6.62E-08	2.59E-07	1.61E-07	4.96E-08	2.11E-07	3.81E-08	1.27E-08	5.08E-08	2.97E-08	6.11E-09	3.58E-08
5897	624155.87	4266511.06	1.91E-07	6.56E-08	2.56E-07	1.59E-07	4.91E-08	2.08E-07	3.77E-08	1.26E-08	5.03E-08	2.94E-08	6.05E-09	3.55E-08
5898	624146.86	4266507.15	1.89E-07	6.49E-08	2.53E-07	1.58E-07	4.86E-08	2.06E-07	3.73E-08	1.24E-08	4.98E-08	2.91E-08	5.99E-09	3.51E-08
5899	624137.85	4266503.24	1.86E-07	6.41E-08	2.51E-07	1.56E-07	4.80E-08	2.04E-07	3.69E-08	1.23E-08	4.92E-08	2.88E-08	5.92E-09	3.47E-08
5900	624128.84	4266499.32	1.84E-07	6.33E-08	2.47E-07	1.54E-07	4.74E-08	2.01E-07	3.65E-08	1.21E-08	4.86E-08	2.84E-08	5.84E-09	3.43E-08

5901	624119.84	4266495.41	1.82E-07	6.25E-08	2.44E-07	1.52E-07	4.68E-08	1.99E-07	3.60E-08	1.20E-08	4.80E-08	2.80E-08	5.77E-09	3.38E-08
5902	624074.8	4266475.85	1.69E-07	5.80E-08	2.27E-07	1.41E-07	4.34E-08	1.84E-07	3.34E-08	1.11E-08	4.45E-08	2.60E-08	5.35E-09	3.14E-08
5903	624065.79	4266471.94	1.66E-07	5.70E-08	2.23E-07	1.39E-07	4.27E-08	1.81E-07	3.28E-08	1.09E-08	4.37E-08	2.56E-08	5.26E-09	3.08E-08
5904	624056.78	4266468.03	1.63E-07	5.60E-08	2.19E-07	1.36E-07	4.19E-08	1.78E-07	3.22E-08	1.07E-08	4.30E-08	2.51E-08	5.17E-09	3.03E-08
5905	624047.78	4266464.12	1.60E-07	5.50E-08	2.15E-07	1.34E-07	4.12E-08	1.75E-07	3.17E-08	1.05E-08	4.22E-08	2.47E-08	5.08E-09	2.98E-08
5906	624038.77	4266460.21	1.57E-07	5.41E-08	2.11E-07	1.31E-07	4.05E-08	1.72E-07	3.11E-08	1.04E-08	4.15E-08	2.43E-08	4.99E-09	2.92E-08
5907	624026.14	4266447.16	1.54E-07	5.30E-08	2.07E-07	1.29E-07	3.97E-08	1.69E-07	3.05E-08	1.02E-08	4.07E-08	2.38E-08	4.89E-09	2.87E-08
5908	624022.52	4266438.04	1.54E-07	5.30E-08	2.07E-07	1.29E-07	3.97E-08	1.68E-07	3.05E-08	1.02E-08	4.06E-08	2.38E-08	4.89E-09	2.87E-08
5909	624018.91	4266428.91	1.54E-07	5.29E-08	2.07E-07	1.29E-07	3.96E-08	1.68E-07	3.05E-08	1.01E-08	4.06E-08	2.37E-08	4.88E-09	2.86E-08
5910	624015.29	4266419.78	1.54E-07	5.28E-08	2.06E-07	1.28E-07	3.96E-08	1.68E-07	3.04E-08	1.01E-08	4.05E-08	2.37E-08	4.88E-09	2.86E-08
5911	624011.67	4266410.65	1.53E-07	5.27E-08	2.06E-07	1.28E-07	3.95E-08	1.68E-07	3.04E-08	1.01E-08	4.05E-08	2.37E-08	4.87E-09	2.85E-08
5912	624008.05	4266401.52	1.53E-07	5.27E-08	2.06E-07	1.28E-07	3.94E-08	1.67E-07	3.03E-08	1.01E-08	4.04E-08	2.36E-08	4.86E-09	2.85E-08
5913	624004.43	4266392.39	1.53E-07	5.26E-08	2.05E-07	1.28E-07	3.94E-08	1.67E-07	3.03E-08	1.01E-08	4.03E-08	2.36E-08	4.85E-09	2.84E-08
5914	624000.81	4266383.26	1.53E-07	5.25E-08	2.05E-07	1.28E-07	3.93E-08	1.67E-07	3.02E-08	1.01E-08	4.03E-08	2.35E-08	4.84E-09	2.84E-08
5915	623997.19	4266374.13	1.52E-07	5.24E-08	2.05E-07	1.27E-07	3.92E-08	1.67E-07	3.02E-08	1.00E-08	4.02E-08	2.35E-08	4.83E-09	2.83E-08
5916	623993.57	4266365	1.52E-07	5.23E-08	2.04E-07	1.27E-07	3.92E-08	1.66E-07	3.01E-08	1.00E-08	4.01E-08	2.35E-08	4.83E-09	2.83E-08
5917	623989.96	4266355.87	1.52E-07	5.22E-08	2.04E-07	1.27E-07	3.91E-08	1.66E-07	3.00E-08	1.00E-08	4.01E-08	2.34E-08	4.82E-09	2.82E-08
5918	623986.34	4266346.74	1.52E-07	5.21E-08	2.04E-07	1.27E-07	3.90E-08	1.66E-07	3.00E-08	9.98E-09	4.00E-08	2.34E-08	4.81E-09	2.82E-08
5919	623982.72	4266337.61	1.51E-07	5.20E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.97E-09	3.99E-08	2.33E-08	4.80E-09	2.81E-08
5920	623979.1	4266328.48	1.51E-07	5.19E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.95E-09	3.98E-08	2.33E-08	4.79E-09	2.81E-08
5921	623975.48	4266319.36	1.51E-07	5.18E-08	2.03E-07	1.26E-07	3.88E-08	1.65E-07	2.98E-08	9.93E-09	3.98E-08	2.33E-08	4.78E-09	2.80E-08
5922	623971.86	4266310.23	1.50E-07	5.17E-08	2.02E-07	1.26E-07	3.87E-08	1.64E-07	2.98E-08	9.91E-09	3.97E-08	2.32E-08	4.77E-09	2.80E-08
5923	623968.24	4266301.1	1.50E-07	5.16E-08	2.02E-07	1.25E-07	3.86E-08	1.64E-07	2.97E-08	9.89E-09	3.96E-08	2.32E-08	4.76E-09	2.79E-08
5924	623964.62	4266291.97	1.50E-07	5.15E-08	2.01E-07	1.25E-07	3.85E-08	1.64E-07	2.96E-08	9.86E-09	3.95E-08	2.31E-08	4.75E-09	2.79E-08
5925	623961.01	4266282.84	1.49E-07	5.13E-08	2.01E-07	1.25E-07	3.84E-08	1.63E-07	2.96E-08	9.84E-09	3.94E-08	2.30E-08	4.74E-09	2.78E-08
5926	623957.39	4266273.71	1.49E-07	5.12E-08	2.00E-07	1.24E-07	3.83E-08	1.63E-07	2.95E-08	9.81E-09	3.93E-08	2.30E-08	4.72E-09	2.77E-08
5927	623953.77	4266264.58	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.93E-08	9.77E-09	3.91E-08	2.29E-08	4.71E-09	2.76E-08
5928	623950.15	4266255.45	1.48E-07	5.08E-08	1.98E-07	1.23E-07	3.80E-08	1.61E-07	2.92E-08	9.72E-09	3.89E-08	2.28E-08	4.68E-09	2.75E-08
5929	623946.53	4266246.32	1.47E-07	5.05E-08	1.97E-07	1.23E-07	3.78E-08	1.61E-07	2.91E-08	9.67E-09	3.87E-08	2.27E-08	4.66E-09	2.73E-08
5930	623942.91	4266237.19	1.46E-07	5.02E-08	1.96E-07	1.22E-07	3.76E-08	1.60E-07	2.89E-08	9.62E-09	3.85E-08	2.25E-08	4.63E-09	2.72E-08
5931	623939.29	4266228.06	1.45E-07	4.99E-08	1.95E-07	1.21E-07	3.73E-08	1.59E-07	2.87E-08	9.56E-09	3.83E-08	2.24E-08	4.60E-09	2.70E-08
5932	623935.68	4266218.93	1.44E-07	4.95E-08	1.94E-07	1.20E-07	3.71E-08	1.57E-07	2.85E-08	9.49E-09	3.80E-08	2.22E-08	4.57E-09	2.68E-08
5933	623932.06	4266209.8	1.43E-07	4.91E-08	1.92E-07	1.19E-07	3.68E-08	1.56E-07	2.83E-08	9.41E-09	3.77E-08	2.20E-08	4.53E-09	2.66E-08
5934	623928.44	4266200.67	1.42E-07	4.87E-08	1.90E-07	1.18E-07	3.65E-08	1.55E-07	2.80E-08	9.33E-09	3.74E-08	2.19E-08	4.50E-09	2.64E-08
5935	623924.82	4266191.55	1.40E-07	4.83E-08	1.89E-07	1.17E-07	3.62E-08	1.54E-07	2.78E-08	9.25E-09	3.71E-08	2.17E-08	4.46E-09	2.61E-08
5936	623921.2	4266182.42	1.39E-07	4.79E-08	1.87E-07	1.16E-07	3.59E-08	1.52E-07	2.76E-08	9.17E-09	3.67E-08	2.15E-08	4.42E-09	2.59E-08
5937	623917.58	4266173.29	1.38E-07	4.75E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.09E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
5938	623913.96	4266164.16	1.37E-07	4.70E-08	1.84E-07	1.14E-07	3.52E-08	1.50E-07	2.71E-08	9.01E-09	3.61E-08	2.11E-08	4.34E-09	2.54E-08
5939	623910.34	4266155.03	1.36E-07	4.66E-08	1.82E-07	1.13E-07	3.49E-08	1.48E-07	2.68E-08	8.93E-09	3.57E-08	2.09E-08	4.30E-09	2.52E-08
5940	624345.03	4266593.21	2.10E-07	7.22E-08	2.82E-07	1.75E-07	5.41E-08	2.30E-07	4.16E-08	1.38E-08	5.54E-08	3.24E-08	6.66E-09	3.91E-08
5941	624354.91	4266593.38	2.11E-07	7.27E-08	2.84E-07	1.77E-07	5.44E-08	2.31E-07	4.18E-08	1.39E-08	5.57E-08	3.26E-08	6.71E-09	3.93E-08
5942	624364.8	4266593.56	2.13E-07	7.31E-08	2.86E-07	1.78E-07	5.47E-08	2.32E-07	4.21E-08	1.40E-08	5.61E-08	3.28E-08	6.74E-09	3.95E-08
5943	624374.69	4266593.74	2.14E-07	7.35E-08	2.87E-07	1.79E-07	5.50E-08	2.34E-07	4.23E-08	1.41E-08	5.64E-08	3.30E-08	6.78E-09	3.97E-08
5944	624384.58	4266593.91	2.15E-07	7.38E-08	2.89E-07	1.79E-07	5.53E-08	2.35E-07	4.25E-08	1.41E-08	5.67E-08	3.31E-08	6.81E-09	4.00E-08
5945	624394.47	4266594.09	2.16E-07	7.42E-08	2.90E-07	1.80E-07	5.55E-08	2.36E-07	4.27E-08	1.42E-08	5.69E-08	3.33E-08	6.85E-09	4.01E-08
5946	624404.36	4266594.27	2.17E-07	7.45E-08	2.91E-07	1.81E-07	5.58E-08	2.37E-07	4.29E-08	1.43E-08	5.72E-08	3.34E-08	6.88E-09	4.03E-08
5947	624414.25	4266594.44	2.18E-07	7.48E-08	2.92E-07	1.82E-07	5.60E-08	2.38E-07	4.31E-08	1.43E-08	5.74E-08	3.36E-08	6.91E-09	4.05E-08
5948	624424.14	4266594.62	2.18E-07	7.51E-08	2.94E-07	1.83E-07	5.62E-08	2.39E-07	4.32E-08	1.44E-08	5.76E-08	3.37E-08	6.93E-09	4.06E-08
5949	624434.03	4266594.8	2.19E-07	7.54E-08	2.95E-07	1.83E-07	5.64E-08	2.40E-07	4.34E-08	1.44E-08	5.78E-08	3.38E-08	6.96E-09	4.08E-08
5950	624443.92	4266594.97	2.20E-07	7.57E-08	2.96E-07	1.84E-07	5.66E-08	2.41E-07	4.35E-08	1.45E-08	5.80E-08	3.39E-08	6.98E-09	4.09E-08
5951	624453.81	4266595.15	2.21E-07	7.59E-08	2.97E-07	1.85E-07	5.68E-08	2.41E-07	4.37E-08	1.45E-08	5.82E-08	3.41E-08	7.01E-09	4.11E-08
5952	624463.7	4266595.33	2.21E-07	7.62E-08	2.98E-07	1.85E-07	5.70E-08	2.42E-07	4.38E-08	1.46E-08	5.84E-08	3.42E-08	7.03E-09	4.12E-08
5953	624473.58	4266595.5	2.22E-07	7.64E-08	2.99E-07	1.86E-07	5.72E-08	2.43E-07	4.40E-08	1.46E-08	5.86E-08	3.43E-08	7.05E-09	4.13E-08
5954	624483.47	4266595.68	2.23E-07	7.66E-08	3.00E-07	1.86E-07	5.74E-08	2.44E-07	4.41E-08	1.47E-08	5.88E-08	3.44E-08	7.07E-09	4.15E-08
5955	624493.36	4266595.86	2.24E-07	7.69E-08	3.00E-07	1.87E-07	5.76E-08	2.44E-07	4.43E-08	1.47E-08	5.90E-08	3.45E-08	7.10E-09	4.16E-08
5956	624503.25	4266596.03	2.24E-07	7.71E-08	3.01E-07	1.87E-07	5.77E-08	2.45E-07	4.44E-08	1.48E-08	5.92E-08	3.46E-08	7.12E-09	4.17E-08
5957	624513.14	4266596.21	2.25E-07	7.73E-08	3.02E-07	1.88E-07	5.79E-08	2.46E-07	4.45E-08	1.48E-08	5.93E-08	3.47E-08	7.14E-09	4.18E-08
5958	624523.03	4266596.39	2.25E-07	7.75E-08	3.03E-07	1.88E-07	5.81E-08	2.47E-07	4.46E-08	1.49E-08	5.95E-08	3.48E-08	7.16E-09	4.19E-08
5959	624532.92	4266596.56	2.26E-07	7.77E-08	3.04E-07	1.89E-07	5.82E-08	2.47E-07	4.47E-08	1.49E-08	5.96E-08	3.49E-08	7.17E-09	4.21E-08
5960	624542.81	4266596.74	2.27E-07	7.79E-08	3.05E-07	1.89E-07	5.83E-08	2.48E-07	4.49E-08	1.49E-08	5.98E-08	3.50E-08	7.19E-09	4.22E-08
5961	624552.7	4266596.92	2.27E-07	7.81E-08	3.05E-07	1.90E-07	5.85E-08	2.48E-07	4.50E-08	1.50E-08	5.99E-08	3.51E-08	7.21E-09	4.23E-08
5962	624562.59	4266597.09	2.28E-07	7.83E-08	3.06E-07	1.90E-07	5.86E-08	2.49E-07	4.51E-08	1.50E-08	6.01E-08	3.51E-08	7.23E-09	4.24E-08
5963	624572.48	4266597.27	2.28E-07	7.84E-08	3.07E-07	1.91E-07	5.87E-08	2.49E-07	4.52E-08	1.50E-08	6.02E-08	3.52E-08	7.24E-09	4.24E-08
5964	624582.37	4266597.45	2.29E-07	7.86E-08	3.07E-07	1.91E-07	5.89E-08	2.50E-07	4.52E-08	1.51E-08	6.03E-08	3.53E-08	7.25E-09	4.25E-08
5965	624592.26	4266597.62	2.29E-07	7.87E-08	3.08E-07	1.91E-07	5.90E-08	2.50E-07	4.53E-08	1.51E-08	6.04E-08	3.53E-08	7.27E-09	4.26E-08
5966	624602.14	4266597.8	2.29E-07	7.89E-08	3.08E-07	1.92E-07	5.90E-08	2.51E-07	4.54E-08	1.51E-08	6.05E-08	3.54E-08	7.28E-09	4.27E-08
5967	624612.03	4266597.98	2.30E-07	7.90E-08	3.09E-07	1.92E-07	5.91E-08	2.51E-07	4.54E-08	1.51E-08	6.06E-08	3.54E-08	7.29E-09	4.27E-08
5968	624621.92	4266598.15	2.30E-07	7.90E-08	3.09E-07	1.92E-07	5.92E-08	2.51E-07	4.55E-08	1.51E-08	6.06E-08	3.55E-08	7.29E-09	4.27E-08
5969	624631.81	4266598.33	2.30E-07	7.90E-08	3.09E-07	1.92E-07	5.92E-08	2.51E-07	4.55E-08	1.51E-08	6.06E-08	3.55E-08	7.29E-09	4.28E-08
5970	624641.7	4266598.51	2.30E-07	7.90E-08	3.09E-07	1.92E-07	5.91E-08	2.51E-07	4.55E-08	1.51E-08	6.06E-08	3.54E-08	7.29E-09	4.27E-08
5971	624651.59	4266598.68	2.30E-07	7.89E-08	3.08E-07	1.92E-07	5.91E-08	2.51E-07	4.54E-08	1.51E-08	6.05E-08	3.54E-08	7.28E-09	4.27E-08
5972	624661.48	4266598.86	2.29E-07	7.88E-08	3.08E-07	1.91E-07	5.90E-08	2.50E-07	4.53E-08	1.51E-08	6.04E-08	3.53E-08	7.27E-09	4.26E-08

5973	624671.37	4266599.04	2.29E-07	7.86E-08	3.07E-07	1.91E-07	5.88E-08	2.50E-07	4.52E-08	1.51E-08	6.03E-08	3.53E-08	7.25E-09	4.25E-08
5974	624681.26	4266599.21	2.28E-07	7.83E-08	3.06E-07	1.90E-07	5.86E-08	2.49E-07	4.51E-08	1.50E-08	6.01E-08	3.51E-08	7.23E-09	4.24E-08
5975	624691.15	4266599.39	2.27E-07	7.80E-08	3.05E-07	1.90E-07	5.84E-08	2.48E-07	4.49E-08	1.49E-08	5.99E-08	3.50E-08	7.20E-09	4.22E-08
5976	624701.04	4266599.57	2.26E-07	7.77E-08	3.04E-07	1.89E-07	5.82E-08	2.47E-07	4.47E-08	1.49E-08	5.96E-08	3.49E-08	7.17E-09	4.20E-08
5977	624710.93	4266599.74	2.25E-07	7.73E-08	3.02E-07	1.88E-07	5.79E-08	2.46E-07	4.45E-08	1.48E-08	5.93E-08	3.47E-08	7.13E-09	4.18E-08
5978	624720.81	4266599.92	2.24E-07	7.69E-08	3.00E-07	1.87E-07	5.76E-08	2.44E-07	4.43E-08	1.47E-08	5.90E-08	3.45E-08	7.09E-09	4.16E-08
5979	624730.7	4266600.1	2.22E-07	7.64E-08	2.99E-07	1.86E-07	5.72E-08	2.43E-07	4.40E-08	1.46E-08	5.87E-08	3.43E-08	7.06E-09	4.14E-08
5980	624740.59	4266600.27	2.21E-07	7.60E-08	2.97E-07	1.85E-07	5.69E-08	2.42E-07	4.37E-08	1.46E-08	5.83E-08	3.41E-08	7.01E-09	4.11E-08
5981	624750.48	4266600.45	2.20E-07	7.56E-08	2.95E-07	1.84E-07	5.66E-08	2.40E-07	4.35E-08	1.45E-08	5.80E-08	3.39E-08	6.97E-09	4.09E-08
5982	624760.37	4266600.63	2.18E-07	7.51E-08	2.93E-07	1.83E-07	5.62E-08	2.39E-07	4.32E-08	1.44E-08	5.76E-08	3.37E-08	6.93E-09	4.06E-08
5983	624770.26	4266600.8	2.17E-07	7.46E-08	2.92E-07	1.81E-07	5.59E-08	2.37E-07	4.30E-08	1.43E-08	5.73E-08	3.35E-08	6.89E-09	4.04E-08
5984	624780.15	4266600.98	2.16E-07	7.42E-08	2.90E-07	1.80E-07	5.55E-08	2.36E-07	4.27E-08	1.42E-08	5.69E-08	3.33E-08	6.85E-09	4.01E-08
5985	624790.04	4266601.16	2.14E-07	7.37E-08	2.88E-07	1.79E-07	5.52E-08	2.34E-07	4.24E-08	1.41E-08	5.66E-08	3.31E-08	6.80E-09	3.99E-08
5986	624799.93	4266601.33	2.13E-07	7.33E-08	2.86E-07	1.78E-07	5.49E-08	2.33E-07	4.22E-08	1.40E-08	5.62E-08	3.29E-08	6.76E-09	3.96E-08
5987	624809.82	4266601.51	2.12E-07	7.28E-08	2.84E-07	1.77E-07	5.45E-08	2.31E-07	4.19E-08	1.39E-08	5.58E-08	3.27E-08	6.72E-09	3.94E-08
5988	624819.71	4266601.69	2.10E-07	7.23E-08	2.82E-07	1.76E-07	5.41E-08	2.30E-07	4.16E-08	1.38E-08	5.54E-08	3.24E-08	6.67E-09	3.91E-08
5989	624829.6	4266601.86	2.09E-07	7.17E-08	2.80E-07	1.74E-07	5.37E-08	2.28E-07	4.13E-08	1.37E-08	5.50E-08	3.22E-08	6.62E-09	3.88E-08
5990	624839.49	4266602.04	2.07E-07	7.12E-08	2.78E-07	1.73E-07	5.33E-08	2.26E-07	4.10E-08	1.36E-08	5.46E-08	3.19E-08	6.57E-09	3.85E-08
5991	624335.15	4266639.3	1.88E-07	6.45E-08	2.52E-07	1.57E-07	4.83E-08	2.05E-07	3.71E-08	1.24E-08	4.95E-08	2.89E-08	5.95E-09	3.49E-08
5992	624326.17	4266635.4	1.88E-07	6.47E-08	2.53E-07	1.57E-07	4.84E-08	2.06E-07	3.72E-08	1.24E-08	4.96E-08	2.90E-08	5.97E-09	3.50E-08
5993	624317.19	4266631.5	1.89E-07	6.49E-08	2.53E-07	1.58E-07	4.86E-08	2.06E-07	3.73E-08	1.24E-08	4.98E-08	2.91E-08	5.99E-09	3.51E-08
5994	624308.2	4266627.6	1.89E-07	6.50E-08	2.54E-07	1.58E-07	4.86E-08	2.07E-07	3.74E-08	1.24E-08	4.98E-08	2.91E-08	6.00E-09	3.51E-08
5995	624299.22	4266623.7	1.89E-07	6.50E-08	2.54E-07	1.58E-07	4.87E-08	2.07E-07	3.74E-08	1.25E-08	4.99E-08	2.92E-08	6.00E-09	3.52E-08
5996	624290.24	4266619.8	1.89E-07	6.50E-08	2.54E-07	1.58E-07	4.87E-08	2.07E-07	3.74E-08	1.25E-08	4.99E-08	2.92E-08	6.00E-09	3.52E-08
5997	624281.26	4266615.9	1.89E-07	6.49E-08	2.54E-07	1.58E-07	4.86E-08	2.06E-07	3.74E-08	1.24E-08	4.98E-08	2.91E-08	5.99E-09	3.51E-08
5998	624272.28	4266611.99	1.88E-07	6.48E-08	2.53E-07	1.57E-07	4.85E-08	2.06E-07	3.73E-08	1.24E-08	4.97E-08	2.91E-08	5.98E-09	3.50E-08
5999	624263.3	4266608.09	1.88E-07	6.46E-08	2.52E-07	1.57E-07	4.83E-08	2.05E-07	3.72E-08	1.24E-08	4.95E-08	2.90E-08	5.96E-09	3.49E-08
6000	624254.31	4266604.19	1.87E-07	6.44E-08	2.51E-07	1.56E-07	4.82E-08	2.05E-07	3.70E-08	1.23E-08	4.94E-08	2.89E-08	5.94E-09	3.48E-08
6001	624245.33	4266600.29	1.86E-07	6.41E-08	2.51E-07	1.56E-07	4.80E-08	2.04E-07	3.69E-08	1.23E-08	4.92E-08	2.88E-08	5.92E-09	3.47E-08
6002	624236.35	4266596.39	1.86E-07	6.38E-08	2.49E-07	1.55E-07	4.78E-08	2.03E-07	3.67E-08	1.22E-08	4.90E-08	2.86E-08	5.89E-09	3.45E-08
6003	624227.37	4266592.49	1.85E-07	6.35E-08	2.48E-07	1.54E-07	4.76E-08	2.02E-07	3.66E-08	1.22E-08	4.87E-08	2.85E-08	5.86E-09	3.44E-08
6004	624218.39	4266588.59	1.84E-07	6.32E-08	2.47E-07	1.54E-07	4.73E-08	2.01E-07	3.64E-08	1.21E-08	4.85E-08	2.84E-08	5.83E-09	3.42E-08
6005	624209.4	4266584.69	1.83E-07	6.29E-08	2.46E-07	1.53E-07	4.71E-08	2.00E-07	3.62E-08	1.20E-08	4.82E-08	2.82E-08	5.80E-09	3.40E-08
6006	624155.51	4266561.29	1.76E-07	6.05E-08	2.36E-07	1.47E-07	4.53E-08	1.92E-07	3.48E-08	1.16E-08	4.64E-08	2.71E-08	5.58E-09	3.27E-08
6007	624146.53	4266557.39	1.74E-07	6.00E-08	2.34E-07	1.46E-07	4.49E-08	1.91E-07	3.45E-08	1.15E-08	4.60E-08	2.69E-08	5.54E-09	3.24E-08
6008	624137.55	4266553.48	1.73E-07	5.95E-08	2.32E-07	1.45E-07	4.45E-08	1.89E-07	3.42E-08	1.14E-08	4.56E-08	2.67E-08	5.49E-09	3.22E-08
6009	624128.57	4266549.58	1.71E-07	5.89E-08	2.30E-07	1.43E-07	4.41E-08	1.87E-07	3.39E-08	1.13E-08	4.52E-08	2.64E-08	5.44E-09	3.19E-08
6010	624119.59	4266545.68	1.70E-07	5.83E-08	2.28E-07	1.42E-07	4.37E-08	1.85E-07	3.36E-08	1.12E-08	4.47E-08	2.62E-08	5.38E-09	3.15E-08
6011	624065.69	4266522.28	1.57E-07	5.41E-08	2.11E-07	1.32E-07	4.05E-08	1.72E-07	3.11E-08	1.04E-08	4.15E-08	2.43E-08	4.99E-09	2.93E-08
6012	624056.71	4266518.38	1.55E-07	5.33E-08	2.08E-07	1.30E-07	3.99E-08	1.69E-07	3.07E-08	1.02E-08	4.09E-08	2.39E-08	4.92E-09	2.88E-08
6013	624047.73	4266514.48	1.53E-07	5.25E-08	2.05E-07	1.28E-07	3.93E-08	1.67E-07	3.02E-08	1.01E-08	4.03E-08	2.36E-08	4.84E-09	2.84E-08
6014	624038.75	4266510.58	1.50E-07	5.17E-08	2.02E-07	1.26E-07	3.87E-08	1.64E-07	2.97E-08	9.90E-09	3.96E-08	2.32E-08	4.77E-09	2.80E-08
6015	624029.77	4266506.68	1.48E-07	5.08E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.74E-09	3.90E-08	2.28E-08	4.69E-09	2.75E-08
6016	624020.78	4266502.78	1.45E-07	5.00E-08	1.95E-07	1.22E-07	3.74E-08	1.59E-07	2.88E-08	9.58E-09	3.84E-08	2.24E-08	4.61E-09	2.71E-08
6017	624011.8	4266498.87	1.43E-07	4.92E-08	1.92E-07	1.20E-07	3.68E-08	1.56E-07	2.83E-08	9.42E-09	3.77E-08	2.21E-08	4.54E-09	2.66E-08
6018	624002.82	4266494.97	1.41E-07	4.83E-08	1.89E-07	1.17E-07	3.62E-08	1.54E-07	2.78E-08	9.26E-09	3.71E-08	2.17E-08	4.46E-09	2.61E-08
6019	623990.23	4266481.97	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.09E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
6020	623986.62	4266472.87	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.08E-09	3.63E-08	2.13E-08	4.37E-09	2.56E-08
6021	623983.01	4266463.76	1.38E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.06E-09	3.63E-08	2.12E-08	4.36E-09	2.56E-08
6022	623979.41	4266454.66	1.37E-07	4.72E-08	1.85E-07	1.15E-07	3.53E-08	1.50E-07	2.72E-08	9.05E-09	3.62E-08	2.12E-08	4.36E-09	2.55E-08
6023	623975.8	4266445.56	1.37E-07	4.71E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.03E-09	3.62E-08	2.11E-08	4.35E-09	2.55E-08
6024	623972.19	4266436.45	1.37E-07	4.70E-08	1.84E-07	1.14E-07	3.52E-08	1.50E-07	2.71E-08	9.01E-09	3.61E-08	2.11E-08	4.34E-09	2.54E-08
6025	623968.58	4266427.35	1.37E-07	4.70E-08	1.83E-07	1.14E-07	3.52E-08	1.49E-07	2.70E-08	9.00E-09	3.60E-08	2.11E-08	4.33E-09	2.54E-08
6026	623964.97	4266418.25	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.98E-09	3.60E-08	2.10E-08	4.33E-09	2.54E-08
6027	623961.36	4266409.14	1.36E-07	4.68E-08	1.83E-07	1.14E-07	3.50E-08	1.49E-07	2.69E-08	8.96E-09	3.59E-08	2.10E-08	4.32E-09	2.53E-08
6028	623957.76	4266400.04	1.36E-07	4.67E-08	1.83E-07	1.14E-07	3.50E-08	1.48E-07	2.69E-08	8.95E-09	3.58E-08	2.10E-08	4.31E-09	2.53E-08
6029	623954.15	4266390.94	1.36E-07	4.66E-08	1.82E-07	1.13E-07	3.49E-08	1.48E-07	2.68E-08	8.93E-09	3.58E-08	2.09E-08	4.30E-09	2.52E-08
6030	623950.54	4266381.83	1.35E-07	4.65E-08	1.82E-07	1.13E-07	3.49E-08	1.48E-07	2.68E-08	8.92E-09	3.57E-08	2.09E-08	4.30E-09	2.52E-08
6031	623946.93	4266372.73	1.35E-07	4.65E-08	1.82E-07	1.13E-07	3.48E-08	1.48E-07	2.68E-08	8.91E-09	3.57E-08	2.09E-08	4.29E-09	2.51E-08
6032	623943.32	4266363.63	1.35E-07	4.64E-08	1.81E-07	1.13E-07	3.47E-08	1.48E-07	2.67E-08	8.89E-09	3.56E-08	2.08E-08	4.28E-09	2.51E-08
6033	623939.71	4266354.52	1.35E-07	4.64E-08	1.81E-07	1.13E-07	3.47E-08	1.47E-07	2.67E-08	8.88E-09	3.56E-08	2.08E-08	4.28E-09	2.51E-08
6034	623936.11	4266345.42	1.35E-07	4.63E-08	1.81E-07	1.13E-07	3.47E-08	1.47E-07	2.66E-08	8.87E-09	3.55E-08	2.08E-08	4.27E-09	2.50E-08
6035	623932.5	4266336.32	1.34E-07	4.62E-08	1.81E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.86E-09	3.55E-08	2.07E-08	4.27E-09	2.50E-08
6036	623928.89	4266327.22	1.34E-07	4.62E-08	1.80E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.85E-09	3.54E-08	2.07E-08	4.26E-09	2.50E-08
6037	623925.28	4266318.11	1.34E-07	4.61E-08	1.80E-07	1.12E-07	3.45E-08	1.47E-07	2.65E-08	8.83E-09	3.54E-08	2.07E-08	4.25E-09	2.49E-08
6038	623921.67	4266309.01	1.34E-07	4.60E-08	1.80E-07	1.12E-07	3.45E-08	1.46E-07	2.65E-08	8.82E-09	3.53E-08	2.07E-08	4.25E-09	2.49E-08
6039	623918.06	4266299.91	1.34E-07	4.59E-08	1.79E-07	1.12E-07	3.44E-08	1.46E-07	2.64E-08	8.80E-09	3.52E-08	2.06E-08	4.24E-09	2.48E-08
6040	623914.45	4266290.8	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.78E-09	3.51E-08	2.06E-08	4.23E-09	2.48E-08
6041	623910.85	4266281.7	1.33E-07	4.57E-08	1.78E-07	1.11E-07	3.42E-08	1.45E-07	2.63E-08	8.75E-09	3.50E-08	2.05E-08	4.21E-09	2.47E-08
6042	623907.24	4266272.6	1.32E-07	4.55E-08	1.78E-07	1.11E-07	3.41E-08	1.45E-07	2.62E-08	8.72E-09	3.49E-08	2.04E-08	4.20E-09	2.46E-08
6043	623903.63	4266263.49	1.32E-07	4.53E-08	1.77E-07	1.10E-07	3.39E-08	1.44E-07	2.61E-08	8.68E-09	3.48E-08	2.03E-08	4.18E-09	2.45E-08
6044	623900.02	4266254.39	1.31E-07	4.51E-08	1.76E-07	1.10E-07	3.38E-08	1.43E-07	2.60E-08	8.64E-09	3.46E-08	2.02E-08	4.16E-09	2.44E-08

6045	623896.41	4266245.29	1.30E-07	4.49E-08	1.75E-07	1.09E-07	3.36E-08	1.43E-07	2.58E-08	8.60E-09	3.44E-08	2.01E-08	4.14E-09	2.43E-08
6046	623892.8	4266236.18	1.30E-07	4.46E-08	1.74E-07	1.08E-07	3.34E-08	1.42E-07	2.57E-08	8.55E-09	3.42E-08	2.00E-08	4.12E-09	2.41E-08
6047	623889.2	4266227.08	1.29E-07	4.43E-08	1.73E-07	1.08E-07	3.32E-08	1.41E-07	2.55E-08	8.49E-09	3.40E-08	1.99E-08	4.09E-09	2.40E-08
6048	623885.59	4266217.98	1.28E-07	4.40E-08	1.72E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.43E-09	3.37E-08	1.97E-08	4.06E-09	2.38E-08
6049	623881.98	4266208.87	1.27E-07	4.36E-08	1.71E-07	1.06E-07	3.27E-08	1.39E-07	2.51E-08	8.36E-09	3.35E-08	1.96E-08	4.03E-09	2.36E-08
6050	623878.37	4266199.77	1.26E-07	4.33E-08	1.69E-07	1.05E-07	3.24E-08	1.38E-07	2.49E-08	8.29E-09	3.32E-08	1.94E-08	3.99E-09	2.34E-08
6051	623874.76	4266190.67	1.25E-07	4.29E-08	1.68E-07	1.04E-07	3.21E-08	1.36E-07	2.47E-08	8.22E-09	3.29E-08	1.93E-08	3.96E-09	2.32E-08
6052	623871.15	4266181.56	1.24E-07	4.26E-08	1.66E-07	1.03E-07	3.19E-08	1.35E-07	2.45E-08	8.15E-09	3.27E-08	1.91E-08	3.93E-09	2.30E-08
6053	623867.55	4266172.46	1.23E-07	4.22E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.08E-09	3.24E-08	1.89E-08	3.89E-09	2.28E-08
6054	623863.94	4266163.36	1.22E-07	4.18E-08	1.63E-07	1.02E-07	3.13E-08	1.33E-07	2.41E-08	8.01E-09	3.21E-08	1.88E-08	3.86E-09	2.26E-08
6055	623860.33	4266154.25	1.21E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.39E-08	7.94E-09	3.18E-08	1.86E-08	3.83E-09	2.24E-08
6056	624344.13	4266643.2	1.87E-07	6.43E-08	2.51E-07	1.56E-07	4.81E-08	2.04E-07	3.70E-08	1.23E-08	4.93E-08	2.88E-08	5.93E-09	3.48E-08
6057	624354.02	4266643.38	1.88E-07	6.45E-08	2.52E-07	1.57E-07	4.83E-08	2.05E-07	3.72E-08	1.24E-08	4.95E-08	2.90E-08	5.96E-09	3.49E-08
6058	624363.91	4266643.55	1.88E-07	6.48E-08	2.53E-07	1.58E-07	4.85E-08	2.06E-07	3.73E-08	1.24E-08	4.97E-08	2.91E-08	5.98E-09	3.51E-08
6059	624373.8	4266643.73	1.89E-07	6.51E-08	2.54E-07	1.58E-07	4.87E-08	2.07E-07	3.74E-08	1.25E-08	4.99E-08	2.92E-08	6.00E-09	3.52E-08
6060	624383.69	4266643.91	1.90E-07	6.53E-08	2.55E-07	1.59E-07	4.89E-08	2.08E-07	3.76E-08	1.25E-08	5.01E-08	2.93E-08	6.02E-09	3.53E-08
6061	624393.58	4266644.08	1.90E-07	6.55E-08	2.56E-07	1.59E-07	4.90E-08	2.08E-07	3.77E-08	1.25E-08	5.02E-08	2.94E-08	6.04E-09	3.54E-08
6062	624403.47	4266644.26	1.91E-07	6.57E-08	2.57E-07	1.60E-07	4.92E-08	2.09E-07	3.78E-08	1.26E-08	5.04E-08	2.95E-08	6.06E-09	3.55E-08
6063	624413.36	4266644.44	1.91E-07	6.58E-08	2.57E-07	1.60E-07	4.93E-08	2.09E-07	3.79E-08	1.26E-08	5.05E-08	2.95E-08	6.08E-09	3.56E-08
6064	624423.25	4266644.61	1.92E-07	6.60E-08	2.58E-07	1.60E-07	4.94E-08	2.10E-07	3.80E-08	1.26E-08	5.06E-08	2.96E-08	6.09E-09	3.57E-08
6065	624433.14	4266644.79	1.92E-07	6.62E-08	2.59E-07	1.61E-07	4.95E-08	2.10E-07	3.81E-08	1.27E-08	5.08E-08	2.97E-08	6.11E-09	3.58E-08
6066	624443.02	4266644.97	1.93E-07	6.63E-08	2.59E-07	1.61E-07	4.96E-08	2.11E-07	3.82E-08	1.27E-08	5.09E-08	2.98E-08	6.12E-09	3.59E-08
6067	624452.91	4266645.14	1.93E-07	6.64E-08	2.60E-07	1.61E-07	4.97E-08	2.11E-07	3.82E-08	1.27E-08	5.10E-08	2.98E-08	6.13E-09	3.59E-08
6068	624462.8	4266645.32	1.94E-07	6.66E-08	2.60E-07	1.62E-07	4.98E-08	2.12E-07	3.83E-08	1.28E-08	5.11E-08	2.99E-08	6.14E-09	3.60E-08
6069	624472.69	4266645.5	1.94E-07	6.67E-08	2.61E-07	1.62E-07	4.99E-08	2.12E-07	3.84E-08	1.28E-08	5.12E-08	2.99E-08	6.16E-09	3.61E-08
6070	624482.58	4266645.67	1.94E-07	6.68E-08	2.61E-07	1.62E-07	5.00E-08	2.13E-07	3.85E-08	1.28E-08	5.13E-08	3.00E-08	6.17E-09	3.62E-08
6071	624492.47	4266645.85	1.95E-07	6.70E-08	2.62E-07	1.63E-07	5.01E-08	2.13E-07	3.86E-08	1.28E-08	5.14E-08	3.01E-08	6.18E-09	3.62E-08
6072	624502.36	4266646.03	1.95E-07	6.71E-08	2.62E-07	1.63E-07	5.02E-08	2.13E-07	3.86E-08	1.29E-08	5.15E-08	3.01E-08	6.19E-09	3.63E-08
6073	624512.25	4266646.2	1.96E-07	6.73E-08	2.63E-07	1.63E-07	5.04E-08	2.14E-07	3.87E-08	1.29E-08	5.16E-08	3.02E-08	6.21E-09	3.64E-08
6074	624522.14	4266646.38	1.96E-07	6.74E-08	2.63E-07	1.64E-07	5.05E-08	2.14E-07	3.88E-08	1.29E-08	5.17E-08	3.02E-08	6.22E-09	3.65E-08
6075	624532.03	4266646.56	1.96E-07	6.75E-08	2.64E-07	1.64E-07	5.06E-08	2.15E-07	3.89E-08	1.29E-08	5.18E-08	3.03E-08	6.23E-09	3.65E-08
6076	624541.92	4266646.73	1.97E-07	6.77E-08	2.64E-07	1.64E-07	5.07E-08	2.15E-07	3.90E-08	1.30E-08	5.19E-08	3.04E-08	6.25E-09	3.66E-08
6077	624551.81	4266646.91	1.97E-07	6.78E-08	2.65E-07	1.65E-07	5.08E-08	2.16E-07	3.90E-08	1.30E-08	5.20E-08	3.04E-08	6.26E-09	3.67E-08
6078	624561.69	4266647.09	1.98E-07	6.79E-08	2.66E-07	1.65E-07	5.09E-08	2.16E-07	3.91E-08	1.30E-08	5.21E-08	3.05E-08	6.27E-09	3.68E-08
6079	624571.58	4266647.26	1.98E-07	6.81E-08	2.66E-07	1.65E-07	5.10E-08	2.16E-07	3.92E-08	1.30E-08	5.22E-08	3.05E-08	6.28E-09	3.68E-08
6080	624581.47	4266647.44	1.98E-07	6.82E-08	2.67E-07	1.66E-07	5.11E-08	2.17E-07	3.93E-08	1.31E-08	5.23E-08	3.06E-08	6.29E-09	3.69E-08
6081	624591.36	4266647.62	1.99E-07	6.83E-08	2.67E-07	1.66E-07	5.11E-08	2.17E-07	3.93E-08	1.31E-08	5.24E-08	3.07E-08	6.30E-09	3.70E-08
6082	624601.25	4266647.79	1.99E-07	6.84E-08	2.67E-07	1.66E-07	5.12E-08	2.17E-07	3.94E-08	1.31E-08	5.25E-08	3.07E-08	6.31E-09	3.70E-08
6083	624611.14	4266647.97	1.99E-07	6.85E-08	2.68E-07	1.66E-07	5.13E-08	2.18E-07	3.94E-08	1.31E-08	5.25E-08	3.07E-08	6.32E-09	3.70E-08
6084	624621.03	4266648.15	1.99E-07	6.85E-08	2.68E-07	1.67E-07	5.13E-08	2.18E-07	3.94E-08	1.31E-08	5.26E-08	3.07E-08	6.32E-09	3.71E-08
6085	624630.92	4266648.32	1.99E-07	6.85E-08	2.68E-07	1.67E-07	5.13E-08	2.18E-07	3.94E-08	1.31E-08	5.26E-08	3.07E-08	6.32E-09	3.71E-08
6086	624640.81	4266648.5	1.99E-07	6.85E-08	2.68E-07	1.66E-07	5.13E-08	2.18E-07	3.94E-08	1.31E-08	5.25E-08	3.07E-08	6.32E-09	3.70E-08
6087	624650.7	4266648.67	1.99E-07	6.84E-08	2.67E-07	1.66E-07	5.12E-08	2.17E-07	3.94E-08	1.31E-08	5.25E-08	3.07E-08	6.31E-09	3.70E-08
6088	624660.59	4266648.85	1.99E-07	6.83E-08	2.67E-07	1.66E-07	5.11E-08	2.17E-07	3.93E-08	1.31E-08	5.24E-08	3.06E-08	6.30E-09	3.69E-08
6089	624670.48	4266649.03	1.98E-07	6.81E-08	2.66E-07	1.66E-07	5.10E-08	2.17E-07	3.92E-08	1.30E-08	5.23E-08	3.06E-08	6.29E-09	3.68E-08
6090	624680.37	4266649.2	1.97E-07	6.79E-08	2.65E-07	1.65E-07	5.08E-08	2.16E-07	3.91E-08	1.30E-08	5.21E-08	3.05E-08	6.27E-09	3.67E-08
6091	624690.25	4266649.38	1.97E-07	6.76E-08	2.64E-07	1.64E-07	5.07E-08	2.15E-07	3.89E-08	1.30E-08	5.19E-08	3.04E-08	6.24E-09	3.66E-08
6092	624700.14	4266649.56	1.96E-07	6.74E-08	2.63E-07	1.64E-07	5.04E-08	2.14E-07	3.88E-08	1.29E-08	5.17E-08	3.02E-08	6.22E-09	3.65E-08
6093	624710.03	4266649.73	1.95E-07	6.71E-08	2.62E-07	1.63E-07	5.02E-08	2.13E-07	3.86E-08	1.29E-08	5.15E-08	3.01E-08	6.19E-09	3.63E-08
6094	624719.92	4266649.91	1.94E-07	6.68E-08	2.61E-07	1.62E-07	5.00E-08	2.12E-07	3.84E-08	1.28E-08	5.12E-08	3.00E-08	6.16E-09	3.61E-08
6095	624729.81	4266650.09	1.93E-07	6.65E-08	2.60E-07	1.62E-07	4.98E-08	2.11E-07	3.83E-08	1.27E-08	5.10E-08	2.98E-08	6.13E-09	3.60E-08
6096	624739.7	4266650.26	1.92E-07	6.62E-08	2.59E-07	1.61E-07	4.95E-08	2.10E-07	3.81E-08	1.27E-08	5.08E-08	2.97E-08	6.11E-09	3.58E-08
6097	624749.59	4266650.44	1.91E-07	6.58E-08	2.57E-07	1.60E-07	4.93E-08	2.09E-07	3.79E-08	1.26E-08	5.05E-08	2.95E-08	6.08E-09	3.56E-08
6098	624759.48	4266650.62	1.91E-07	6.55E-08	2.56E-07	1.59E-07	4.91E-08	2.08E-07	3.77E-08	1.26E-08	5.03E-08	2.94E-08	6.05E-09	3.54E-08
6099	624769.37	4266650.79	1.90E-07	6.52E-08	2.55E-07	1.58E-07	4.88E-08	2.07E-07	3.75E-08	1.25E-08	5.00E-08	2.93E-08	6.02E-09	3.53E-08
6100	624779.26	4266650.97	1.89E-07	6.49E-08	2.54E-07	1.58E-07	4.86E-08	2.06E-07	3.73E-08	1.24E-08	4.98E-08	2.91E-08	5.99E-09	3.51E-08
6101	624789.15	4266651.15	1.88E-07	6.46E-08	2.52E-07	1.57E-07	4.83E-08	2.05E-07	3.72E-08	1.24E-08	4.95E-08	2.90E-08	5.96E-09	3.49E-08
6102	624799.04	4266651.32	1.87E-07	6.42E-08	2.51E-07	1.56E-07	4.81E-08	2.04E-07	3.70E-08	1.23E-08	4.93E-08	2.88E-08	5.93E-09	3.48E-08
6103	624808.92	4266651.5	1.86E-07	6.39E-08	2.50E-07	1.55E-07	4.78E-08	2.03E-07	3.68E-08	1.22E-08	4.90E-08	2.87E-08	5.90E-09	3.46E-08
6104	624818.81	4266651.68	1.85E-07	6.35E-08	2.48E-07	1.54E-07	4.76E-08	2.02E-07	3.66E-08	1.22E-08	4.87E-08	2.85E-08	5.86E-09	3.44E-08
6105	624828.7	4266651.85	1.84E-07	6.32E-08	2.47E-07	1.54E-07	4.73E-08	2.01E-07	3.64E-08	1.21E-08	4.85E-08	2.83E-08	5.83E-09	3.42E-08
6106	624838.59	4266652.03	1.82E-07	6.28E-08	2.45E-07	1.53E-07	4.70E-08	2.00E-07	3.61E-08	1.20E-08	4.81E-08	2.82E-08	5.79E-09	3.40E-08
6107	624334.28	4266689.3	1.68E-07	5.78E-08	2.26E-07	1.40E-07	4.33E-08	1.84E-07	3.33E-08	1.11E-08	4.43E-08	2.59E-08	5.33E-09	3.13E-08
6108	624325.32	4266685.41	1.69E-07	5.80E-08	2.27E-07	1.41E-07	4.35E-08	1.85E-07	3.34E-08	1.11E-08	4.45E-08	2.60E-08	5.36E-09	3.14E-08
6109	624316.36	4266681.52	1.69E-07	5.82E-08	2.28E-07	1.42E-07	4.36E-08	1.85E-07	3.35E-08	1.12E-08	4.47E-08	2.61E-08	5.38E-09	3.15E-08
6110	624307.4	4266677.63	1.70E-07	5.84E-08	2.28E-07	1.42E-07	4.37E-08	1.86E-07	3.36E-08	1.12E-08	4.48E-08	2.62E-08	5.39E-09	3.16E-08
6111	624298.43	4266673.73	1.70E-07	5.85E-08	2.29E-07	1.42E-07	4.38E-08	1.86E-07	3.37E-08	1.12E-08	4.49E-08	2.63E-08	5.40E-09	3.17E-08
6112	624289.47	4266669.84	1.70E-07	5.86E-08	2.29E-07	1.42E-07	4.39E-08	1.86E-07	3.37E-08	1.12E-08	4.50E-08	2.63E-08	5.41E-09	3.17E-08
6113	624280.51	4266665.95	1.70E-07	5.86E-08	2.29E-07	1.42E-07	4.39E-08	1.86E-07	3.37E-08	1.12E-08	4.50E-08	2.63E-08	5.41E-09	3.17E-08
6114	624271.55	4266662.06	1.70E-07	5.85E-08	2.29E-07	1.42E-07	4.38E-08	1.86E-07	3.37E-08	1.12E-08	4.49E-08	2.63E-08	5.40E-09	3.17E-08
6115	624262.59	4266658.17	1.70E-07	5.85E-08	2.28E-07	1.42E-07	4.38E-08	1.86E-07	3.36E-08	1.12E-08	4.49E-08	2.62E-08	5.40E-09	3.16E-08
6116	624253.63	4266654.28	1.70E-07	5.84E-08	2.28E-07	1.42E-07	4.37E-08	1.86E-07	3.36E-08	1.12E-08	4.48E-08	2.62E-08	5.39E-09	3.16E-08

6117	624244.67	4266650.38	1.69E-07	5.82E-08	2.27E-07	1.41E-07	4.36E-08	1.85E-07	3.35E-08	1.12E-08	4.47E-08	2.61E-08	5.37E-09	3.15E-08
6118	624235.71	4266646.49	1.69E-07	5.80E-08	2.27E-07	1.41E-07	4.35E-08	1.85E-07	3.34E-08	1.11E-08	4.45E-08	2.60E-08	5.36E-09	3.14E-08
6119	624226.75	4266642.6	1.68E-07	5.78E-08	2.26E-07	1.41E-07	4.33E-08	1.84E-07	3.33E-08	1.11E-08	4.44E-08	2.60E-08	5.34E-09	3.13E-08
6120	624217.79	4266638.71	1.68E-07	5.76E-08	2.25E-07	1.40E-07	4.31E-08	1.83E-07	3.32E-08	1.10E-08	4.42E-08	2.58E-08	5.32E-09	3.12E-08
6121	624208.82	4266634.82	1.67E-07	5.74E-08	2.24E-07	1.39E-07	4.30E-08	1.82E-07	3.30E-08	1.10E-08	4.40E-08	2.57E-08	5.29E-09	3.10E-08
6122	624199.86	4266630.93	1.66E-07	5.71E-08	2.23E-07	1.39E-07	4.28E-08	1.82E-07	3.29E-08	1.09E-08	4.38E-08	2.56E-08	5.27E-09	3.09E-08
6123	624190.9	4266627.03	1.65E-07	5.69E-08	2.22E-07	1.38E-07	4.26E-08	1.81E-07	3.27E-08	1.09E-08	4.36E-08	2.55E-08	5.25E-09	3.08E-08
6124	624181.94	4266623.14	1.65E-07	5.66E-08	2.21E-07	1.38E-07	4.24E-08	1.80E-07	3.26E-08	1.08E-08	4.34E-08	2.54E-08	5.22E-09	3.06E-08
6125	624172.98	4266619.25	1.64E-07	5.63E-08	2.20E-07	1.37E-07	4.22E-08	1.79E-07	3.24E-08	1.08E-08	4.32E-08	2.53E-08	5.20E-09	3.05E-08
6126	624164.02	4266615.36	1.63E-07	5.60E-08	2.19E-07	1.36E-07	4.19E-08	1.78E-07	3.22E-08	1.07E-08	4.30E-08	2.51E-08	5.17E-09	3.03E-08
6127	624155.06	4266611.47	1.62E-07	5.57E-08	2.18E-07	1.35E-07	4.17E-08	1.77E-07	3.21E-08	1.07E-08	4.27E-08	2.50E-08	5.14E-09	3.01E-08
6128	624146.1	4266607.58	1.61E-07	5.54E-08	2.16E-07	1.35E-07	4.15E-08	1.76E-07	3.19E-08	1.06E-08	4.25E-08	2.48E-08	5.11E-09	3.00E-08
6129	624137.14	4266603.69	1.60E-07	5.50E-08	2.15E-07	1.34E-07	4.12E-08	1.75E-07	3.17E-08	1.05E-08	4.22E-08	2.47E-08	5.08E-09	2.98E-08
6130	624128.18	4266599.79	1.59E-07	5.46E-08	2.14E-07	1.33E-07	4.09E-08	1.74E-07	3.15E-08	1.05E-08	4.19E-08	2.45E-08	5.04E-09	2.96E-08
6131	624119.21	4266595.9	1.58E-07	5.42E-08	2.12E-07	1.32E-07	4.06E-08	1.72E-07	3.12E-08	1.04E-08	4.16E-08	2.43E-08	5.01E-09	2.93E-08
6132	624029.6	4266556.99	1.41E-07	4.86E-08	1.90E-07	1.18E-07	3.64E-08	1.54E-07	2.80E-08	9.30E-09	3.73E-08	2.18E-08	4.48E-09	2.63E-08
6133	624020.64	4266553.09	1.39E-07	4.79E-08	1.87E-07	1.16E-07	3.58E-08	1.52E-07	2.76E-08	9.17E-09	3.67E-08	2.15E-08	4.42E-09	2.59E-08
6134	624011.68	4266549.2	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.03E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
6135	624002.72	4266545.31	1.35E-07	4.64E-08	1.81E-07	1.13E-07	3.48E-08	1.48E-07	2.67E-08	8.90E-09	3.56E-08	2.08E-08	4.29E-09	2.51E-08
6136	623993.76	4266541.42	1.33E-07	4.57E-08	1.79E-07	1.11E-07	3.42E-08	1.45E-07	2.63E-08	8.76E-09	3.51E-08	2.05E-08	4.22E-09	2.47E-08
6137	623984.8	4266537.53	1.31E-07	4.50E-08	1.76E-07	1.09E-07	3.37E-08	1.43E-07	2.59E-08	8.62E-09	3.45E-08	2.02E-08	4.15E-09	2.43E-08
6138	623975.84	4266533.64	1.29E-07	4.43E-08	1.73E-07	1.08E-07	3.31E-08	1.41E-07	2.55E-08	8.48E-09	3.40E-08	1.99E-08	4.08E-09	2.39E-08
6139	623966.88	4266529.74	1.27E-07	4.35E-08	1.70E-07	1.06E-07	3.26E-08	1.38E-07	2.51E-08	8.34E-09	3.34E-08	1.95E-08	4.02E-09	2.36E-08
6140	623954.32	4266516.77	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.19E-09	3.28E-08	1.92E-08	3.95E-09	2.31E-08
6141	623950.72	4266507.69	1.24E-07	4.27E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.18E-09	3.27E-08	1.92E-08	3.94E-09	2.31E-08
6142	623947.12	4266498.61	1.24E-07	4.26E-08	1.67E-07	1.04E-07	3.19E-08	1.35E-07	2.45E-08	8.16E-09	3.27E-08	1.91E-08	3.93E-09	2.31E-08
6143	623943.52	4266489.52	1.24E-07	4.25E-08	1.66E-07	1.03E-07	3.18E-08	1.35E-07	2.45E-08	8.15E-09	3.26E-08	1.91E-08	3.92E-09	2.30E-08
6144	623939.92	4266480.44	1.23E-07	4.24E-08	1.66E-07	1.03E-07	3.18E-08	1.35E-07	2.44E-08	8.13E-09	3.26E-08	1.90E-08	3.92E-09	2.30E-08
6145	623936.32	4266471.36	1.23E-07	4.24E-08	1.66E-07	1.03E-07	3.17E-08	1.35E-07	2.44E-08	8.12E-09	3.25E-08	1.90E-08	3.91E-09	2.29E-08
6146	623932.72	4266462.28	1.23E-07	4.23E-08	1.65E-07	1.03E-07	3.17E-08	1.34E-07	2.43E-08	8.10E-09	3.24E-08	1.90E-08	3.90E-09	2.29E-08
6147	623929.12	4266453.2	1.23E-07	4.22E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.08E-09	3.24E-08	1.89E-08	3.89E-09	2.28E-08
6148	623925.52	4266444.11	1.22E-07	4.21E-08	1.65E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.07E-09	3.23E-08	1.89E-08	3.89E-09	2.28E-08
6149	623921.92	4266435.03	1.22E-07	4.20E-08	1.64E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.05E-09	3.23E-08	1.89E-08	3.88E-09	2.27E-08
6150	623918.32	4266425.95	1.22E-07	4.20E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.42E-08	8.04E-09	3.22E-08	1.88E-08	3.87E-09	2.27E-08
6151	623914.72	4266416.87	1.22E-07	4.19E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.41E-08	8.03E-09	3.21E-08	1.88E-08	3.87E-09	2.27E-08
6152	623911.12	4266407.79	1.22E-07	4.18E-08	1.64E-07	1.02E-07	3.13E-08	1.33E-07	2.41E-08	8.02E-09	3.21E-08	1.88E-08	3.86E-09	2.26E-08
6153	623907.52	4266398.7	1.22E-07	4.18E-08	1.63E-07	1.02E-07	3.13E-08	1.33E-07	2.41E-08	8.01E-09	3.21E-08	1.88E-08	3.86E-09	2.26E-08
6154	623903.92	4266389.62	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.13E-08	1.33E-07	2.40E-08	8.00E-09	3.20E-08	1.87E-08	3.85E-09	2.26E-08
6155	623900.32	4266380.54	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.12E-08	1.33E-07	2.40E-08	7.99E-09	3.20E-08	1.87E-08	3.85E-09	2.26E-08
6156	623896.72	4266371.46	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.12E-08	1.32E-07	2.40E-08	7.98E-09	3.20E-08	1.87E-08	3.84E-09	2.25E-08
6157	623893.12	4266362.38	1.21E-07	4.16E-08	1.63E-07	1.01E-07	3.12E-08	1.32E-07	2.40E-08	7.98E-09	3.19E-08	1.87E-08	3.84E-09	2.25E-08
6158	623889.52	4266353.29	1.21E-07	4.16E-08	1.63E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.97E-09	3.19E-08	1.87E-08	3.84E-09	2.25E-08
6159	623885.92	4266344.21	1.21E-07	4.16E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.96E-09	3.19E-08	1.87E-08	3.84E-09	2.25E-08
6160	623882.32	4266335.13	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.96E-09	3.19E-08	1.86E-08	3.83E-09	2.25E-08
6161	623878.72	4266326.05	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.95E-09	3.18E-08	1.86E-08	3.83E-09	2.24E-08
6162	623875.12	4266316.97	1.21E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.39E-08	7.94E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
6163	623871.52	4266307.88	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.93E-09	3.17E-08	1.86E-08	3.82E-09	2.24E-08
6164	623867.92	4266298.8	1.20E-07	4.13E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.38E-08	7.91E-09	3.17E-08	1.85E-08	3.81E-09	2.23E-08
6165	623864.32	4266289.72	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.08E-08	1.31E-07	2.37E-08	7.89E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
6166	623860.72	4266280.64	1.19E-07	4.10E-08	1.60E-07	9.98E-08	3.07E-08	1.30E-07	2.36E-08	7.86E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
6167	623857.12	4266271.55	1.19E-07	4.09E-08	1.60E-07	9.94E-08	3.06E-08	1.30E-07	2.35E-08	7.83E-09	3.14E-08	1.83E-08	3.77E-09	2.21E-08
6168	623853.52	4266262.47	1.18E-07	4.07E-08	1.59E-07	9.89E-08	3.05E-08	1.29E-07	2.34E-08	7.80E-09	3.12E-08	1.83E-08	3.76E-09	2.20E-08
6169	623849.92	4266253.39	1.18E-07	4.05E-08	1.58E-07	9.84E-08	3.03E-08	1.29E-07	2.33E-08	7.76E-09	3.11E-08	1.82E-08	3.74E-09	2.19E-08
6170	623846.32	4266244.31	1.17E-07	4.02E-08	1.57E-07	9.78E-08	3.01E-08	1.28E-07	2.32E-08	7.71E-09	3.09E-08	1.81E-08	3.71E-09	2.18E-08
6171	623842.72	4266235.23	1.16E-07	4.00E-08	1.56E-07	9.72E-08	2.99E-08	1.27E-07	2.30E-08	7.66E-09	3.07E-08	1.79E-08	3.69E-09	2.16E-08
6172	623839.12	4266226.14	1.15E-07	3.97E-08	1.55E-07	9.65E-08	2.97E-08	1.26E-07	2.28E-08	7.61E-09	3.05E-08	1.78E-08	3.66E-09	2.15E-08
6173	623835.52	4266217.06	1.15E-07	3.94E-08	1.54E-07	9.58E-08	2.95E-08	1.25E-07	2.27E-08	7.55E-09	3.02E-08	1.77E-08	3.64E-09	2.13E-08
6174	623831.92	4266207.98	1.14E-07	3.91E-08	1.53E-07	9.51E-08	2.93E-08	1.24E-07	2.25E-08	7.49E-09	3.00E-08	1.75E-08	3.61E-09	2.12E-08
6175	623828.32	4266198.9	1.13E-07	3.88E-08	1.52E-07	9.43E-08	2.90E-08	1.23E-07	2.23E-08	7.43E-09	2.98E-08	1.74E-08	3.58E-09	2.10E-08
6176	623824.72	4266189.82	1.12E-07	3.85E-08	1.50E-07	9.35E-08	2.88E-08	1.22E-07	2.21E-08	7.37E-09	2.95E-08	1.73E-08	3.55E-09	2.08E-08
6177	623821.12	4266180.73	1.11E-07	3.81E-08	1.49E-07	9.27E-08	2.86E-08	1.21E-07	2.20E-08	7.31E-09	2.93E-08	1.71E-08	3.52E-09	2.06E-08
6178	623817.52	4266171.65	1.10E-07	3.78E-08	1.48E-07	9.19E-08	2.83E-08	1.20E-07	2.18E-08	7.24E-09	2.90E-08	1.70E-08	3.49E-09	2.05E-08
6179	623813.92	4266162.57	1.09E-07	3.75E-08	1.46E-07	9.11E-08	2.81E-08	1.19E-07	2.16E-08	7.18E-09	2.88E-08	1.68E-08	3.46E-09	2.03E-08
6180	623810.32	4266153.49	1.08E-07	3.72E-08	1.45E-07	9.04E-08	2.78E-08	1.18E-07	2.14E-08	7.12E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08
6181	624343.24	4266693.19	1.67E-07	5.75E-08	2.25E-07	1.40E-07	4.31E-08	1.83E-07	3.31E-08	1.10E-08	4.41E-08	2.58E-08	5.31E-09	3.11E-08
6182	624353.13	4266693.37	1.68E-07	5.77E-08	2.26E-07	1.40E-07	4.32E-08	1.83E-07	3.32E-08	1.11E-08	4.43E-08	2.59E-08	5.33E-09	3.12E-08
6183	624363.02	4266693.55	1.68E-07	5.79E-08	2.26E-07	1.41E-07	4.33E-08	1.84E-07	3.33E-08	1.11E-08	4.44E-08	2.60E-08	5.34E-09	3.13E-08
6184	624372.91	4266693.72	1.69E-07	5.80E-08	2.27E-07	1.41E-07	4.34E-08	1.84E-07	3.34E-08	1.11E-08	4.45E-08	2.60E-08	5.35E-09	3.14E-08
6185	624382.8	4266693.9	1.69E-07	5.81E-08	2.27E-07	1.41E-07	4.35E-08	1.85E-07	3.35E-08	1.11E-08	4.46E-08	2.61E-08	5.37E-09	3.15E-08
6186	624392.69	4266694.08	1.69E-07	5.82E-08	2.28E-07	1.42E-07	4.36E-08	1.85E-07	3.35E-08	1.12E-08	4.47E-08	2.61E-08	5.38E-09	3.15E-08
6187	624402.57	4266694.25	1.70E-07	5.84E-08	2.28E-07	1.42E-07	4.37E-08	1.86E-07	3.36E-08	1.12E-08	4.48E-08	2.62E-08	5.39E-09	3.16E-08
6188	624412.46	4266694.43	1.70E-07	5.84E-08	2.28E-07	1.42E-07	4.38E-08	1.86E-07	3.36E-08	1.12E-08	4.48E-08	2.62E-08	5.39E-09	3.16E-08

6189	624422.35	4266694.61	1.70E-07	5.85E-08	2.29E-07	1.42E-07	4.38E-08	1.86E-07	3.37E-08	1.12E-08	4.49E-08	2.63E-08	5.40E-09	3.17E-08
6190	624432.24	4266694.78	1.70E-07	5.86E-08	2.29E-07	1.42E-07	4.39E-08	1.86E-07	3.37E-08	1.12E-08	4.50E-08	2.63E-08	5.41E-09	3.17E-08
6191	624442.13	4266694.96	1.71E-07	5.87E-08	2.29E-07	1.43E-07	4.39E-08	1.87E-07	3.38E-08	1.12E-08	4.50E-08	2.63E-08	5.41E-09	3.17E-08
6192	624452.02	4266695.13	1.71E-07	5.87E-08	2.30E-07	1.43E-07	4.40E-08	1.87E-07	3.38E-08	1.13E-08	4.51E-08	2.64E-08	5.42E-09	3.18E-08
6193	624461.91	4266695.31	1.71E-07	5.88E-08	2.30E-07	1.43E-07	4.40E-08	1.87E-07	3.38E-08	1.13E-08	4.51E-08	2.64E-08	5.43E-09	3.18E-08
6194	624471.8	4266695.49	1.71E-07	5.89E-08	2.30E-07	1.43E-07	4.41E-08	1.87E-07	3.39E-08	1.13E-08	4.52E-08	2.64E-08	5.43E-09	3.19E-08
6195	624481.69	4266695.66	1.71E-07	5.89E-08	2.30E-07	1.43E-07	4.41E-08	1.87E-07	3.39E-08	1.13E-08	4.52E-08	2.65E-08	5.44E-09	3.19E-08
6196	624491.58	4266695.84	1.72E-07	5.90E-08	2.31E-07	1.43E-07	4.42E-08	1.88E-07	3.40E-08	1.13E-08	4.53E-08	2.65E-08	5.45E-09	3.19E-08
6197	624501.47	4266696.02	1.72E-07	5.91E-08	2.31E-07	1.44E-07	4.43E-08	1.88E-07	3.40E-08	1.13E-08	4.54E-08	2.65E-08	5.46E-09	3.20E-08
6198	624511.36	4266696.19	1.72E-07	5.92E-08	2.31E-07	1.44E-07	4.43E-08	1.88E-07	3.41E-08	1.13E-08	4.54E-08	2.66E-08	5.46E-09	3.20E-08
6199	624521.25	4266696.37	1.72E-07	5.93E-08	2.32E-07	1.44E-07	4.44E-08	1.89E-07	3.41E-08	1.14E-08	4.55E-08	2.66E-08	5.47E-09	3.21E-08
6200	624531.13	4266696.55	1.73E-07	5.94E-08	2.32E-07	1.44E-07	4.45E-08	1.89E-07	3.42E-08	1.14E-08	4.56E-08	2.67E-08	5.48E-09	3.21E-08
6201	624541.02	4266696.72	1.73E-07	5.95E-08	2.33E-07	1.45E-07	4.46E-08	1.89E-07	3.43E-08	1.14E-08	4.57E-08	2.67E-08	5.49E-09	3.22E-08
6202	624550.91	4266696.9	1.73E-07	5.96E-08	2.33E-07	1.45E-07	4.46E-08	1.90E-07	3.43E-08	1.14E-08	4.57E-08	2.68E-08	5.50E-09	3.23E-08
6203	624560.8	4266697.08	1.74E-07	5.97E-08	2.33E-07	1.45E-07	4.47E-08	1.90E-07	3.44E-08	1.14E-08	4.58E-08	2.68E-08	5.51E-09	3.23E-08
6204	624570.69	4266697.25	1.74E-07	5.98E-08	2.34E-07	1.45E-07	4.48E-08	1.90E-07	3.44E-08	1.15E-08	4.59E-08	2.68E-08	5.52E-09	3.24E-08
6205	624580.58	4266697.43	1.74E-07	5.99E-08	2.34E-07	1.46E-07	4.49E-08	1.90E-07	3.45E-08	1.15E-08	4.60E-08	2.69E-08	5.53E-09	3.24E-08
6206	624590.47	4266697.61	1.74E-07	6.00E-08	2.34E-07	1.46E-07	4.49E-08	1.91E-07	3.45E-08	1.15E-08	4.60E-08	2.69E-08	5.54E-09	3.25E-08
6207	624600.36	4266697.78	1.75E-07	6.00E-08	2.35E-07	1.46E-07	4.50E-08	1.91E-07	3.46E-08	1.15E-08	4.61E-08	2.69E-08	5.54E-09	3.25E-08
6208	624610.25	4266697.96	1.75E-07	6.01E-08	2.35E-07	1.46E-07	4.50E-08	1.91E-07	3.46E-08	1.15E-08	4.61E-08	2.70E-08	5.54E-09	3.25E-08
6209	624620.14	4266698.14	1.75E-07	6.01E-08	2.35E-07	1.46E-07	4.50E-08	1.91E-07	3.46E-08	1.15E-08	4.61E-08	2.70E-08	5.54E-09	3.25E-08
6210	624630.03	4266698.31	1.75E-07	6.00E-08	2.35E-07	1.46E-07	4.50E-08	1.91E-07	3.46E-08	1.15E-08	4.61E-08	2.69E-08	5.54E-09	3.25E-08
6211	624639.92	4266698.49	1.74E-07	6.00E-08	2.34E-07	1.46E-07	4.49E-08	1.91E-07	3.45E-08	1.15E-08	4.60E-08	2.69E-08	5.54E-09	3.25E-08
6212	624649.8	4266698.67	1.74E-07	5.99E-08	2.34E-07	1.46E-07	4.48E-08	1.90E-07	3.45E-08	1.15E-08	4.60E-08	2.69E-08	5.53E-09	3.24E-08
6213	624659.69	4266698.84	1.74E-07	5.98E-08	2.34E-07	1.45E-07	4.48E-08	1.90E-07	3.44E-08	1.15E-08	4.59E-08	2.68E-08	5.52E-09	3.23E-08
6214	624669.58	4266699.02	1.73E-07	5.96E-08	2.33E-07	1.45E-07	4.46E-08	1.90E-07	3.43E-08	1.14E-08	4.57E-08	2.68E-08	5.50E-09	3.23E-08
6215	624679.47	4266699.2	1.73E-07	5.94E-08	2.32E-07	1.44E-07	4.45E-08	1.89E-07	3.42E-08	1.14E-08	4.56E-08	2.67E-08	5.49E-09	3.22E-08
6216	624689.36	4266699.37	1.72E-07	5.93E-08	2.32E-07	1.44E-07	4.44E-08	1.88E-07	3.41E-08	1.14E-08	4.55E-08	2.66E-08	5.47E-09	3.21E-08
6217	624699.25	4266699.55	1.72E-07	5.90E-08	2.31E-07	1.44E-07	4.42E-08	1.88E-07	3.40E-08	1.13E-08	4.53E-08	2.65E-08	5.45E-09	3.19E-08
6218	624709.14	4266699.73	1.71E-07	5.88E-08	2.30E-07	1.43E-07	4.40E-08	1.87E-07	3.39E-08	1.13E-08	4.51E-08	2.64E-08	5.43E-09	3.18E-08
6219	624719.03	4266699.9	1.70E-07	5.86E-08	2.29E-07	1.42E-07	4.39E-08	1.86E-07	3.37E-08	1.12E-08	4.50E-08	2.63E-08	5.41E-09	3.17E-08
6220	624728.92	4266700.08	1.70E-07	5.84E-08	2.28E-07	1.42E-07	4.37E-08	1.86E-07	3.36E-08	1.12E-08	4.48E-08	2.62E-08	5.39E-09	3.16E-08
6221	624738.81	4266700.26	1.69E-07	5.81E-08	2.27E-07	1.41E-07	4.35E-08	1.85E-07	3.35E-08	1.11E-08	4.46E-08	2.61E-08	5.37E-09	3.15E-08
6222	624748.7	4266700.43	1.68E-07	5.79E-08	2.26E-07	1.41E-07	4.34E-08	1.84E-07	3.33E-08	1.11E-08	4.44E-08	2.60E-08	5.35E-09	3.13E-08
6223	624758.59	4266700.61	1.68E-07	5.77E-08	2.26E-07	1.40E-07	4.32E-08	1.84E-07	3.32E-08	1.11E-08	4.43E-08	2.59E-08	5.33E-09	3.12E-08
6224	624768.48	4266700.79	1.67E-07	5.75E-08	2.25E-07	1.40E-07	4.31E-08	1.83E-07	3.31E-08	1.10E-08	4.41E-08	2.58E-08	5.31E-09	3.11E-08
6225	624778.36	4266700.96	1.67E-07	5.73E-08	2.24E-07	1.39E-07	4.29E-08	1.82E-07	3.30E-08	1.10E-08	4.40E-08	2.57E-08	5.29E-09	3.10E-08
6226	624788.25	4266701.14	1.66E-07	5.71E-08	2.23E-07	1.39E-07	4.27E-08	1.81E-07	3.28E-08	1.09E-08	4.38E-08	2.56E-08	5.27E-09	3.09E-08
6227	624798.14	4266701.32	1.65E-07	5.68E-08	2.22E-07	1.38E-07	4.25E-08	1.81E-07	3.27E-08	1.09E-08	4.36E-08	2.55E-08	5.24E-09	3.07E-08
6228	624808.03	4266701.49	1.65E-07	5.66E-08	2.21E-07	1.38E-07	4.24E-08	1.80E-07	3.26E-08	1.08E-08	4.34E-08	2.54E-08	5.22E-09	3.06E-08
6229	624817.92	4266701.67	1.64E-07	5.63E-08	2.20E-07	1.37E-07	4.22E-08	1.79E-07	3.24E-08	1.08E-08	4.32E-08	2.53E-08	5.20E-09	3.05E-08
6230	624827.81	4266701.85	1.63E-07	5.60E-08	2.19E-07	1.36E-07	4.20E-08	1.78E-07	3.23E-08	1.07E-08	4.30E-08	2.51E-08	5.17E-09	3.03E-08
6231	624837.7	4266702.02	1.62E-07	5.57E-08	2.18E-07	1.36E-07	4.17E-08	1.77E-07	3.21E-08	1.07E-08	4.28E-08	2.50E-08	5.15E-09	3.02E-08
6232	624333.4	4266739.3	1.51E-07	5.21E-08	2.03E-07	1.27E-07	3.90E-08	1.66E-07	3.00E-08	9.98E-09	3.99E-08	2.34E-08	4.80E-09	2.82E-08
6233	624324.46	4266735.42	1.52E-07	5.23E-08	2.04E-07	1.27E-07	3.92E-08	1.66E-07	3.01E-08	1.00E-08	4.01E-08	2.35E-08	4.83E-09	2.83E-08
6234	624315.52	4266731.53	1.53E-07	5.25E-08	2.05E-07	1.28E-07	3.93E-08	1.67E-07	3.02E-08	1.01E-08	4.03E-08	2.36E-08	4.85E-09	2.84E-08
6235	624306.57	4266727.65	1.53E-07	5.27E-08	2.06E-07	1.28E-07	3.95E-08	1.68E-07	3.04E-08	1.01E-08	4.05E-08	2.37E-08	4.87E-09	2.85E-08
6236	624297.63	4266723.76	1.54E-07	5.29E-08	2.07E-07	1.29E-07	3.96E-08	1.68E-07	3.05E-08	1.01E-08	4.06E-08	2.37E-08	4.88E-09	2.86E-08
6237	624288.69	4266719.88	1.54E-07	5.30E-08	2.07E-07	1.29E-07	3.97E-08	1.69E-07	3.05E-08	1.02E-08	4.07E-08	2.38E-08	4.89E-09	2.87E-08
6238	624279.74	4266716	1.54E-07	5.31E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.07E-08	2.38E-08	4.90E-09	2.87E-08
6239	624270.8	4266712.11	1.54E-07	5.31E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.38E-08	4.90E-09	2.87E-08
6240	624261.85	4266708.23	1.54E-07	5.31E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.38E-08	4.90E-09	2.87E-08
6241	624252.91	4266704.34	1.54E-07	5.31E-08	2.07E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.07E-08	2.38E-08	4.90E-09	2.87E-08
6242	624243.97	4266700.46	1.54E-07	5.30E-08	2.07E-07	1.29E-07	3.97E-08	1.69E-07	3.05E-08	1.02E-08	4.07E-08	2.38E-08	4.89E-09	2.87E-08
6243	624235.02	4266696.58	1.54E-07	5.29E-08	2.07E-07	1.29E-07	3.96E-08	1.68E-07	3.05E-08	1.01E-08	4.06E-08	2.38E-08	4.89E-09	2.86E-08
6244	624226.08	4266692.69	1.54E-07	5.28E-08	2.06E-07	1.28E-07	3.95E-08	1.68E-07	3.04E-08	1.01E-08	4.05E-08	2.37E-08	4.87E-09	2.86E-08
6245	624217.14	4266688.81	1.53E-07	5.27E-08	2.06E-07	1.28E-07	3.94E-08	1.67E-07	3.03E-08	1.01E-08	4.04E-08	2.36E-08	4.86E-09	2.85E-08
6246	624208.19	4266684.92	1.53E-07	5.25E-08	2.05E-07	1.28E-07	3.93E-08	1.67E-07	3.02E-08	1.01E-08	4.03E-08	2.36E-08	4.85E-09	2.84E-08
6247	624199.25	4266681.04	1.52E-07	5.23E-08	2.04E-07	1.27E-07	3.92E-08	1.66E-07	3.01E-08	1.00E-08	4.01E-08	2.35E-08	4.83E-09	2.83E-08
6248	624190.3	4266677.15	1.52E-07	5.21E-08	2.04E-07	1.27E-07	3.90E-08	1.66E-07	3.00E-08	9.99E-09	4.00E-08	2.34E-08	4.81E-09	2.82E-08
6249	624181.36	4266673.27	1.51E-07	5.19E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.95E-09	3.99E-08	2.33E-08	4.79E-09	2.81E-08
6250	624172.42	4266669.39	1.50E-07	5.17E-08	2.02E-07	1.26E-07	3.87E-08	1.65E-07	2.98E-08	9.91E-09	3.97E-08	2.32E-08	4.78E-09	2.80E-08
6251	624163.47	4266665.5	1.50E-07	5.15E-08	2.01E-07	1.25E-07	3.86E-08	1.64E-07	2.97E-08	9.87E-09	3.95E-08	2.31E-08	4.76E-09	2.79E-08
6252	624154.53	4266661.62	1.49E-07	5.13E-08	2.01E-07	1.25E-07	3.84E-08	1.63E-07	2.95E-08	9.83E-09	3.94E-08	2.30E-08	4.74E-09	2.78E-08
6253	624145.59	4266657.73	1.49E-07	5.11E-08	2.00E-07	1.24E-07	3.83E-08	1.62E-07	2.94E-08	9.79E-09	3.92E-08	2.29E-08	4.72E-09	2.76E-08
6254	624136.64	4266653.85	1.48E-07	5.09E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.75E-09	3.90E-08	2.28E-08	4.69E-09	2.75E-08
6255	624127.7	4266649.97	1.47E-07	5.06E-08	1.98E-07	1.23E-07	3.79E-08	1.61E-07	2.91E-08	9.70E-09	3.88E-08	2.27E-08	4.67E-09	2.74E-08
6256	624118.76	4266646.08	1.46E-07	5.03E-08	1.97E-07	1.22E-07	3.77E-08	1.60E-07	2.90E-08	9.65E-09	3.86E-08	2.26E-08	4.65E-09	2.72E-08
6257	624074.04	4266626.66	1.41E-07	4.86E-08	1.90E-07	1.18E-07	3.64E-08	1.55E-07	2.80E-08	9.32E-09	3.73E-08	2.18E-08	4.49E-09	2.63E-08
6258	624065.09	4266622.78	1.40E-07	4.82E-08	1.88E-07	1.17E-07	3.61E-08	1.53E-07	2.77E-08	9.23E-09	3.70E-08	2.16E-08	4.45E-09	2.61E-08
6259	624056.15	4266618.89	1.39E-07	4.77E-08	1.87E-07	1.16E-07	3.57E-08	1.52E-07	2.75E-08	9.15E-09	3.66E-08	2.14E-08	4.41E-09	2.58E-08
6260	624047.21	4266615.01	1.37E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.05E-09	3.63E-08	2.12E-08	4.36E-09	2.56E-08

6261	624038.26	4266611.13	1.36E-07	4.67E-08	1.83E-07	1.14E-07	3.50E-08	1.49E-07	2.69E-08	8.96E-09	3.59E-08	2.10E-08	4.31E-09	2.53E-08
6262	624029.32	4266607.24	1.34E-07	4.62E-08	1.81E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.85E-09	3.55E-08	2.07E-08	4.27E-09	2.50E-08
6263	624020.38	4266603.36	1.33E-07	4.57E-08	1.78E-07	1.11E-07	3.42E-08	1.45E-07	2.63E-08	8.75E-09	3.50E-08	2.05E-08	4.21E-09	2.47E-08
6264	624011.43	4266599.47	1.31E-07	4.51E-08	1.76E-07	1.10E-07	3.38E-08	1.43E-07	2.59E-08	8.64E-09	3.46E-08	2.02E-08	4.16E-09	2.44E-08
6265	624002.49	4266595.59	1.29E-07	4.45E-08	1.74E-07	1.08E-07	3.33E-08	1.41E-07	2.56E-08	8.52E-09	3.41E-08	2.00E-08	4.11E-09	2.41E-08
6266	623993.54	4266591.7	1.28E-07	4.39E-08	1.71E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.41E-09	3.37E-08	1.97E-08	4.05E-09	2.37E-08
6267	623984.6	4266587.82	1.26E-07	4.33E-08	1.69E-07	1.05E-07	3.24E-08	1.38E-07	2.49E-08	8.29E-09	3.32E-08	1.94E-08	3.99E-09	2.34E-08
6268	623975.66	4266583.94	1.24E-07	4.26E-08	1.67E-07	1.04E-07	3.19E-08	1.36E-07	2.45E-08	8.17E-09	3.27E-08	1.91E-08	3.93E-09	2.31E-08
6269	623966.71	4266580.05	1.22E-07	4.20E-08	1.64E-07	1.02E-07	3.14E-08	1.34E-07	2.42E-08	8.05E-09	3.22E-08	1.88E-08	3.88E-09	2.27E-08
6270	623957.77	4266576.17	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.93E-09	3.17E-08	1.86E-08	3.82E-09	2.24E-08
6271	623948.83	4266572.28	1.18E-07	4.07E-08	1.59E-07	9.90E-08	3.05E-08	1.29E-07	2.34E-08	7.80E-09	3.12E-08	1.83E-08	3.76E-09	2.20E-08
6272	623939.88	4266568.4	1.17E-07	4.01E-08	1.57E-07	9.75E-08	3.00E-08	1.27E-07	2.31E-08	7.68E-09	3.08E-08	1.80E-08	3.70E-09	2.17E-08
6273	623930.94	4266564.52	1.15E-07	3.95E-08	1.54E-07	9.59E-08	2.96E-08	1.26E-07	2.27E-08	7.56E-09	3.03E-08	1.77E-08	3.64E-09	2.14E-08
6274	623918.4	4266551.57	1.13E-07	3.88E-08	1.52E-07	9.43E-08	2.90E-08	1.23E-07	2.23E-08	7.43E-09	2.98E-08	1.74E-08	3.58E-09	2.10E-08
6275	623914.81	4266542.5	1.13E-07	3.87E-08	1.51E-07	9.41E-08	2.90E-08	1.23E-07	2.23E-08	7.42E-09	2.97E-08	1.74E-08	3.57E-09	2.09E-08
6276	623911.22	4266533.44	1.12E-07	3.86E-08	1.51E-07	9.39E-08	2.89E-08	1.23E-07	2.22E-08	7.40E-09	2.96E-08	1.73E-08	3.56E-09	2.09E-08
6277	623907.62	4266524.37	1.12E-07	3.85E-08	1.51E-07	9.37E-08	2.89E-08	1.23E-07	2.22E-08	7.39E-09	2.96E-08	1.73E-08	3.56E-09	2.09E-08
6278	623904.03	4266515.31	1.12E-07	3.85E-08	1.50E-07	9.35E-08	2.88E-08	1.22E-07	2.21E-08	7.37E-09	2.95E-08	1.73E-08	3.55E-09	2.08E-08
6279	623900.44	4266506.25	1.12E-07	3.84E-08	1.50E-07	9.33E-08	2.88E-08	1.22E-07	2.21E-08	7.36E-09	2.95E-08	1.72E-08	3.54E-09	2.08E-08
6280	623896.84	4266497.18	1.11E-07	3.83E-08	1.50E-07	9.32E-08	2.87E-08	1.22E-07	2.21E-08	7.34E-09	2.94E-08	1.72E-08	3.54E-09	2.07E-08
6281	623893.25	4266488.12	1.11E-07	3.83E-08	1.49E-07	9.30E-08	2.86E-08	1.22E-07	2.20E-08	7.33E-09	2.93E-08	1.72E-08	3.53E-09	2.07E-08
6282	623889.66	4266479.05	1.11E-07	3.82E-08	1.49E-07	9.28E-08	2.86E-08	1.21E-07	2.20E-08	7.31E-09	2.93E-08	1.71E-08	3.52E-09	2.07E-08
6283	623886.06	4266469.99	1.11E-07	3.81E-08	1.49E-07	9.26E-08	2.85E-08	1.21E-07	2.19E-08	7.30E-09	2.92E-08	1.71E-08	3.52E-09	2.06E-08
6284	623882.47	4266460.92	1.11E-07	3.80E-08	1.49E-07	9.24E-08	2.85E-08	1.21E-07	2.19E-08	7.29E-09	2.92E-08	1.71E-08	3.51E-09	2.06E-08
6285	623878.88	4266451.86	1.10E-07	3.80E-08	1.48E-07	9.23E-08	2.84E-08	1.21E-07	2.19E-08	7.27E-09	2.91E-08	1.70E-08	3.50E-09	2.05E-08
6286	623875.29	4266442.79	1.10E-07	3.79E-08	1.48E-07	9.22E-08	2.84E-08	1.21E-07	2.18E-08	7.27E-09	2.91E-08	1.70E-08	3.50E-09	2.05E-08
6287	623871.69	4266433.73	1.10E-07	3.79E-08	1.48E-07	9.21E-08	2.84E-08	1.20E-07	2.18E-08	7.26E-09	2.91E-08	1.70E-08	3.50E-09	2.05E-08
6288	623868.1	4266424.66	1.10E-07	3.78E-08	1.48E-07	9.19E-08	2.83E-08	1.20E-07	2.18E-08	7.25E-09	2.90E-08	1.70E-08	3.49E-09	2.05E-08
6289	623864.51	4266415.6	1.10E-07	3.78E-08	1.48E-07	9.19E-08	2.83E-08	1.20E-07	2.18E-08	7.24E-09	2.90E-08	1.70E-08	3.49E-09	2.04E-08
6290	623860.91	4266406.54	1.10E-07	3.78E-08	1.48E-07	9.18E-08	2.83E-08	1.20E-07	2.17E-08	7.23E-09	2.90E-08	1.69E-08	3.48E-09	2.04E-08
6291	623857.32	4266397.47	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.83E-08	1.20E-07	2.17E-08	7.23E-09	2.90E-08	1.69E-08	3.48E-09	2.04E-08
6292	623853.73	4266388.41	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.82E-08	1.20E-07	2.17E-08	7.23E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
6293	623850.13	4266379.34	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.82E-08	1.20E-07	2.17E-08	7.23E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
6294	623846.54	4266370.28	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.82E-08	1.20E-07	2.17E-08	7.23E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
6295	623842.95	4266361.21	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.82E-08	1.20E-07	2.17E-08	7.23E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
6296	623839.36	4266352.15	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.82E-08	1.20E-07	2.17E-08	7.22E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
6297	623835.76	4266343.08	1.10E-07	3.77E-08	1.47E-07	9.16E-08	2.82E-08	1.20E-07	2.17E-08	7.22E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
6298	623832.17	4266334.02	1.10E-07	3.77E-08	1.47E-07	9.16E-08	2.82E-08	1.20E-07	2.17E-08	7.22E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
6299	623828.58	4266324.95	1.09E-07	3.76E-08	1.47E-07	9.15E-08	2.82E-08	1.20E-07	2.17E-08	7.21E-09	2.89E-08	1.69E-08	3.47E-09	2.04E-08
6300	623824.98	4266315.89	1.09E-07	3.76E-08	1.47E-07	9.14E-08	2.81E-08	1.19E-07	2.16E-08	7.20E-09	2.88E-08	1.69E-08	3.47E-09	2.03E-08
6301	623821.39	4266306.83	1.09E-07	3.75E-08	1.47E-07	9.12E-08	2.81E-08	1.19E-07	2.16E-08	7.19E-09	2.88E-08	1.68E-08	3.46E-09	2.03E-08
6302	623817.8	4266297.76	1.09E-07	3.74E-08	1.46E-07	9.10E-08	2.80E-08	1.19E-07	2.15E-08	7.17E-09	2.87E-08	1.68E-08	3.45E-09	2.02E-08
6303	623814.2	4266288.7	1.09E-07	3.73E-08	1.46E-07	9.07E-08	2.79E-08	1.19E-07	2.15E-08	7.15E-09	2.86E-08	1.67E-08	3.44E-09	2.02E-08
6304	623810.61	4266279.63	1.08E-07	3.72E-08	1.45E-07	9.03E-08	2.78E-08	1.18E-07	2.14E-08	7.12E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08
6305	623807.02	4266270.57	1.08E-07	3.70E-08	1.45E-07	9.00E-08	2.77E-08	1.18E-07	2.13E-08	7.09E-09	2.84E-08	1.66E-08	3.42E-09	2.00E-08
6306	623803.43	4266261.5	1.07E-07	3.68E-08	1.44E-07	8.95E-08	2.76E-08	1.17E-07	2.12E-08	7.05E-09	2.82E-08	1.65E-08	3.40E-09	1.99E-08
6307	623799.83	4266252.44	1.06E-07	3.66E-08	1.43E-07	8.90E-08	2.74E-08	1.16E-07	2.11E-08	7.01E-09	2.81E-08	1.64E-08	3.38E-09	1.98E-08
6308	623796.24	4266243.37	1.06E-07	3.64E-08	1.42E-07	8.84E-08	2.72E-08	1.16E-07	2.09E-08	6.97E-09	2.79E-08	1.63E-08	3.36E-09	1.97E-08
6309	623792.65	4266234.31	1.05E-07	3.61E-08	1.41E-07	8.78E-08	2.70E-08	1.15E-07	2.08E-08	6.92E-09	2.77E-08	1.62E-08	3.33E-09	1.95E-08
6310	623789.05	4266225.25	1.04E-07	3.59E-08	1.40E-07	8.72E-08	2.68E-08	1.14E-07	2.06E-08	6.87E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
6311	623785.46	4266216.18	1.04E-07	3.56E-08	1.39E-07	8.65E-08	2.67E-08	1.13E-07	2.05E-08	6.82E-09	2.73E-08	1.60E-08	3.29E-09	1.93E-08
6312	623781.87	4266207.12	1.03E-07	3.53E-08	1.38E-07	8.59E-08	2.65E-08	1.12E-07	2.03E-08	6.77E-09	2.71E-08	1.59E-08	3.26E-09	1.91E-08
6313	623778.27	4266198.05	1.02E-07	3.51E-08	1.37E-07	8.52E-08	2.62E-08	1.11E-07	2.02E-08	6.72E-09	2.69E-08	1.57E-08	3.23E-09	1.90E-08
6314	623774.68	4266188.99	1.01E-07	3.48E-08	1.36E-07	8.45E-08	2.60E-08	1.11E-07	2.00E-08	6.66E-09	2.67E-08	1.56E-08	3.21E-09	1.88E-08
6315	623771.09	4266179.92	1.00E-07	3.45E-08	1.35E-07	8.38E-08	2.58E-08	1.10E-07	1.98E-08	6.60E-09	2.64E-08	1.55E-08	3.18E-09	1.86E-08
6316	623767.49	4266170.86	9.94E-08	3.42E-08	1.34E-07	8.31E-08	2.56E-08	1.09E-07	1.97E-08	6.55E-09	2.62E-08	1.53E-08	3.15E-09	1.85E-08
6317	623763.9	4266161.79	9.85E-08	3.39E-08	1.32E-07	8.24E-08	2.54E-08	1.08E-07	1.95E-08	6.49E-09	2.60E-08	1.52E-08	3.13E-09	1.83E-08
6318	623760.31	4266152.73	9.77E-08	3.36E-08	1.31E-07	8.17E-08	2.52E-08	1.07E-07	1.93E-08	6.44E-09	2.58E-08	1.51E-08	3.10E-09	1.82E-08
6319	624342.35	4266743.18	1.51E-07	5.18E-08	2.02E-07	1.26E-07	3.88E-08	1.65E-07	2.98E-08	9.92E-09	3.97E-08	2.32E-08	4.78E-09	2.80E-08
6320	624352.24	4266743.36	1.51E-07	5.19E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.94E-09	3.98E-08	2.33E-08	4.79E-09	2.81E-08
6321	624362.13	4266743.54	1.51E-07	5.20E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.96E-09	3.99E-08	2.33E-08	4.80E-09	2.81E-08
6322	624372.01	4266743.71	1.51E-07	5.21E-08	2.03E-07	1.27E-07	3.90E-08	1.66E-07	3.00E-08	9.98E-09	3.99E-08	2.34E-08	4.81E-09	2.82E-08
6323	624381.9	4266743.89	1.52E-07	5.21E-08	2.04E-07	1.27E-07	3.90E-08	1.66E-07	3.00E-08	9.99E-09	4.00E-08	2.34E-08	4.81E-09	2.82E-08
6324	624391.79	4266744.07	1.52E-07	5.22E-08	2.04E-07	1.27E-07	3.91E-08	1.66E-07	3.00E-08	1.00E-08	4.00E-08	2.34E-08	4.82E-09	2.82E-08
6325	624401.68	4266744.24	1.52E-07	5.22E-08	2.04E-07	1.27E-07	3.91E-08	1.66E-07	3.01E-08	1.00E-08	4.01E-08	2.34E-08	4.82E-09	2.83E-08
6326	624411.57	4266744.42	1.52E-07	5.23E-08	2.04E-07	1.27E-07	3.92E-08	1.66E-07	3.01E-08	1.00E-08	4.01E-08	2.35E-08	4.83E-09	2.83E-08
6327	624421.46	4266744.6	1.52E-07	5.23E-08	2.04E-07	1.27E-07	3.92E-08	1.66E-07	3.01E-08	1.00E-08	4.01E-08	2.35E-08	4.83E-09	2.83E-08
6328	624431.35	4266744.77	1.52E-07	5.24E-08	2.05E-07	1.27E-07	3.92E-08	1.66E-07	3.01E-08	1.00E-08	4.02E-08	2.35E-08	4.83E-09	2.83E-08
6329	624441.24	4266744.95	1.52E-07	5.24E-08	2.05E-07	1.27E-07	3.92E-08	1.67E-07	3.02E-08	1.00E-08	4.02E-08	2.35E-08	4.83E-09	2.83E-08
6330	624451.13	4266745.13	1.52E-07	5.24E-08	2.05E-07	1.27E-07	3.92E-08	1.67E-07	3.02E-08	1.00E-08	4.02E-08	2.35E-08	4.84E-09	2.84E-08
6331	624461.02	4266745.3	1.53E-07	5.24E-08	2.05E-07	1.27E-07	3.93E-08	1.67E-07	3.02E-08	1.00E-08	4.02E-08	2.35E-08	4.84E-09	2.84E-08
6332	624470.91	4266745.48	1.53E-07	5.25E-08	2.05E-07	1.28E-07	3.93E-08	1.67E-07	3.02E-08	1.01E-08	4.03E-08	2.35E-08	4.84E-09	2.84E-08

6333	624480.8	4266745.66	1.53E-07	5.25E-08	2.05E-07	1.28E-07	3.93E-08	1.67E-07	3.02E-08	1.01E-08	4.03E-08	2.36E-08	4.85E-09	2.84E-08
6334	624490.68	4266745.83	1.53E-07	5.26E-08	2.05E-07	1.28E-07	3.94E-08	1.67E-07	3.03E-08	1.01E-08	4.03E-08	2.36E-08	4.85E-09	2.84E-08
6335	624500.57	4266746.01	1.53E-07	5.26E-08	2.06E-07	1.28E-07	3.94E-08	1.67E-07	3.03E-08	1.01E-08	4.04E-08	2.36E-08	4.86E-09	2.85E-08
6336	624510.46	4266746.19	1.53E-07	5.27E-08	2.06E-07	1.28E-07	3.94E-08	1.67E-07	3.03E-08	1.01E-08	4.04E-08	2.36E-08	4.86E-09	2.85E-08
6337	624520.35	4266746.36	1.53E-07	5.28E-08	2.06E-07	1.28E-07	3.95E-08	1.68E-07	3.04E-08	1.01E-08	4.05E-08	2.37E-08	4.87E-09	2.85E-08
6338	624530.24	4266746.54	1.54E-07	5.28E-08	2.06E-07	1.28E-07	3.96E-08	1.68E-07	3.04E-08	1.01E-08	4.05E-08	2.37E-08	4.88E-09	2.86E-08
6339	624540.13	4266746.72	1.54E-07	5.29E-08	2.07E-07	1.29E-07	3.96E-08	1.68E-07	3.05E-08	1.01E-08	4.06E-08	2.37E-08	4.88E-09	2.86E-08
6340	624550.02	4266746.89	1.54E-07	5.30E-08	2.07E-07	1.29E-07	3.97E-08	1.68E-07	3.05E-08	1.02E-08	4.07E-08	2.38E-08	4.89E-09	2.87E-08
6341	624559.91	4266747.07	1.54E-07	5.31E-08	2.07E-07	1.29E-07	3.97E-08	1.69E-07	3.05E-08	1.02E-08	4.07E-08	2.38E-08	4.90E-09	2.87E-08
6342	624569.8	4266747.25	1.54E-07	5.31E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.38E-08	4.90E-09	2.87E-08
6343	624579.69	4266747.42	1.55E-07	5.32E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.39E-08	4.91E-09	2.88E-08
6344	624589.58	4266747.6	1.55E-07	5.32E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.39E-08	4.91E-09	2.88E-08
6345	624599.47	4266747.78	1.55E-07	5.32E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.39E-08	4.91E-09	2.88E-08
6346	624609.36	4266747.95	1.55E-07	5.32E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.39E-08	4.91E-09	2.88E-08
6347	624619.24	4266748.13	1.55E-07	5.32E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.39E-08	4.91E-09	2.88E-08
6348	624629.13	4266748.31	1.54E-07	5.31E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.38E-08	4.90E-09	2.87E-08
6349	624639.02	4266748.48	1.54E-07	5.30E-08	2.07E-07	1.29E-07	3.97E-08	1.69E-07	3.05E-08	1.02E-08	4.07E-08	2.38E-08	4.89E-09	2.87E-08
6350	624648.91	4266748.66	1.54E-07	5.29E-08	2.07E-07	1.29E-07	3.96E-08	1.68E-07	3.05E-08	1.01E-08	4.06E-08	2.38E-08	4.89E-09	2.86E-08
6351	624658.8	4266748.84	1.54E-07	5.28E-08	2.06E-07	1.28E-07	3.95E-08	1.68E-07	3.04E-08	1.01E-08	4.05E-08	2.37E-08	4.87E-09	2.86E-08
6352	624668.69	4266749.01	1.53E-07	5.27E-08	2.06E-07	1.28E-07	3.94E-08	1.67E-07	3.03E-08	1.01E-08	4.04E-08	2.36E-08	4.86E-09	2.85E-08
6353	624678.58	4266749.19	1.53E-07	5.25E-08	2.05E-07	1.28E-07	3.93E-08	1.67E-07	3.02E-08	1.01E-08	4.03E-08	2.36E-08	4.85E-09	2.84E-08
6354	624688.47	4266749.37	1.52E-07	5.23E-08	2.05E-07	1.27E-07	3.92E-08	1.66E-07	3.01E-08	1.00E-08	4.02E-08	2.35E-08	4.83E-09	2.83E-08
6355	624698.36	4266749.54	1.52E-07	5.22E-08	2.04E-07	1.27E-07	3.91E-08	1.66E-07	3.00E-08	1.00E-08	4.00E-08	2.34E-08	4.82E-09	2.82E-08
6356	624708.25	4266749.72	1.51E-07	5.20E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.97E-09	3.99E-08	2.33E-08	4.80E-09	2.81E-08
6357	624718.14	4266749.9	1.51E-07	5.19E-08	2.03E-07	1.26E-07	3.88E-08	1.65E-07	2.98E-08	9.93E-09	3.98E-08	2.33E-08	4.79E-09	2.81E-08
6358	624728.03	4266750.07	1.50E-07	5.17E-08	2.02E-07	1.26E-07	3.87E-08	1.64E-07	2.98E-08	9.90E-09	3.97E-08	2.32E-08	4.77E-09	2.80E-08
6359	624737.91	4266750.25	1.50E-07	5.15E-08	2.01E-07	1.25E-07	3.86E-08	1.64E-07	2.97E-08	9.87E-09	3.95E-08	2.31E-08	4.76E-09	2.79E-08
6360	624747.8	4266750.42	1.49E-07	5.14E-08	2.01E-07	1.25E-07	3.85E-08	1.63E-07	2.96E-08	9.85E-09	3.94E-08	2.31E-08	4.74E-09	2.78E-08
6361	624757.69	4266750.6	1.49E-07	5.12E-08	2.00E-07	1.25E-07	3.84E-08	1.63E-07	2.95E-08	9.82E-09	3.93E-08	2.30E-08	4.73E-09	2.77E-08
6362	624767.58	4266750.78	1.49E-07	5.11E-08	2.00E-07	1.24E-07	3.83E-08	1.62E-07	2.94E-08	9.79E-09	3.92E-08	2.29E-08	4.72E-09	2.77E-08
6363	624777.47	4266750.95	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.93E-08	9.76E-09	3.91E-08	2.29E-08	4.70E-09	2.76E-08
6364	624787.36	4266751.13	1.48E-07	5.08E-08	1.99E-07	1.23E-07	3.80E-08	1.62E-07	2.92E-08	9.73E-09	3.90E-08	2.28E-08	4.69E-09	2.75E-08
6365	624797.25	4266751.31	1.47E-07	5.06E-08	1.98E-07	1.23E-07	3.79E-08	1.61E-07	2.91E-08	9.70E-09	3.88E-08	2.27E-08	4.67E-09	2.74E-08
6366	624807.14	4266751.48	1.47E-07	5.05E-08	1.97E-07	1.23E-07	3.78E-08	1.60E-07	2.90E-08	9.67E-09	3.87E-08	2.26E-08	4.66E-09	2.73E-08
6367	624817.03	4266751.66	1.46E-07	5.03E-08	1.96E-07	1.22E-07	3.76E-08	1.60E-07	2.89E-08	9.63E-09	3.86E-08	2.26E-08	4.64E-09	2.72E-08
6368	624826.92	4266751.84	1.46E-07	5.01E-08	1.96E-07	1.22E-07	3.75E-08	1.59E-07	2.88E-08	9.60E-09	3.84E-08	2.25E-08	4.62E-09	2.71E-08
6369	624836.81	4266752.01	1.45E-07	4.99E-08	1.95E-07	1.21E-07	3.73E-08	1.59E-07	2.87E-08	9.56E-09	3.83E-08	2.24E-08	4.60E-09	2.70E-08
6370	624332.53	4266789.3	1.37E-07	4.71E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.03E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
6371	624323.6	4266785.42	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.08E-09	3.64E-08	2.13E-08	4.37E-09	2.56E-08
6372	624314.67	4266781.54	1.39E-07	4.76E-08	1.86E-07	1.16E-07	3.57E-08	1.51E-07	2.74E-08	9.13E-09	3.65E-08	2.14E-08	4.40E-09	2.58E-08
6373	624305.74	4266777.67	1.39E-07	4.78E-08	1.87E-07	1.16E-07	3.58E-08	1.52E-07	2.75E-08	9.17E-09	3.67E-08	2.15E-08	4.42E-09	2.59E-08
6374	624296.81	4266773.79	1.40E-07	4.80E-08	1.88E-07	1.17E-07	3.60E-08	1.53E-07	2.77E-08	9.20E-09	3.69E-08	2.16E-08	4.43E-09	2.60E-08
6375	624287.88	4266769.91	1.40E-07	4.82E-08	1.88E-07	1.17E-07	3.61E-08	1.53E-07	2.77E-08	9.23E-09	3.70E-08	2.16E-08	4.45E-09	2.61E-08
6376	624278.95	4266766.03	1.40E-07	4.83E-08	1.89E-07	1.17E-07	3.62E-08	1.54E-07	2.78E-08	9.25E-09	3.70E-08	2.17E-08	4.46E-09	2.61E-08
6377	624270.02	4266762.15	1.41E-07	4.84E-08	1.89E-07	1.18E-07	3.62E-08	1.54E-07	2.78E-08	9.27E-09	3.71E-08	2.17E-08	4.46E-09	2.62E-08
6378	624261.09	4266758.28	1.41E-07	4.84E-08	1.89E-07	1.18E-07	3.63E-08	1.54E-07	2.79E-08	9.28E-09	3.71E-08	2.17E-08	4.47E-09	2.62E-08
6379	624252.16	4266754.4	1.41E-07	4.85E-08	1.89E-07	1.18E-07	3.63E-08	1.54E-07	2.79E-08	9.28E-09	3.72E-08	2.17E-08	4.47E-09	2.62E-08
6380	624243.23	4266750.52	1.41E-07	4.85E-08	1.89E-07	1.18E-07	3.63E-08	1.54E-07	2.79E-08	9.28E-09	3.72E-08	2.17E-08	4.47E-09	2.62E-08
6381	624234.31	4266746.64	1.41E-07	4.84E-08	1.89E-07	1.18E-07	3.63E-08	1.54E-07	2.79E-08	9.28E-09	3.71E-08	2.17E-08	4.47E-09	2.62E-08
6382	624225.38	4266742.77	1.41E-07	4.84E-08	1.89E-07	1.18E-07	3.62E-08	1.54E-07	2.78E-08	9.27E-09	3.71E-08	2.17E-08	4.46E-09	2.62E-08
6383	624216.45	4266738.89	1.40E-07	4.83E-08	1.89E-07	1.17E-07	3.62E-08	1.54E-07	2.78E-08	9.25E-09	3.70E-08	2.17E-08	4.46E-09	2.61E-08
6384	624207.52	4266735.01	1.40E-07	4.82E-08	1.88E-07	1.17E-07	3.61E-08	1.53E-07	2.77E-08	9.23E-09	3.70E-08	2.16E-08	4.45E-09	2.61E-08
6385	624198.59	4266731.13	1.40E-07	4.81E-08	1.88E-07	1.17E-07	3.60E-08	1.53E-07	2.77E-08	9.21E-09	3.69E-08	2.16E-08	4.44E-09	2.60E-08
6386	624189.66	4266727.25	1.39E-07	4.79E-08	1.87E-07	1.17E-07	3.59E-08	1.52E-07	2.76E-08	9.18E-09	3.68E-08	2.15E-08	4.42E-09	2.59E-08
6387	624180.73	4266723.38	1.39E-07	4.78E-08	1.87E-07	1.16E-07	3.58E-08	1.52E-07	2.75E-08	9.16E-09	3.67E-08	2.14E-08	4.41E-09	2.59E-08
6388	624171.8	4266719.5	1.39E-07	4.77E-08	1.86E-07	1.16E-07	3.57E-08	1.52E-07	2.74E-08	9.13E-09	3.66E-08	2.14E-08	4.40E-09	2.58E-08
6389	624162.87	4266715.62	1.38E-07	4.75E-08	1.86E-07	1.15E-07	3.56E-08	1.51E-07	2.73E-08	9.10E-09	3.65E-08	2.13E-08	4.38E-09	2.57E-08
6390	624153.94	4266711.74	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.07E-09	3.63E-08	2.13E-08	4.37E-09	2.56E-08
6391	624145.02	4266707.87	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.72E-08	9.04E-09	3.62E-08	2.12E-08	4.36E-09	2.55E-08
6392	624136.09	4266703.99	1.37E-07	4.70E-08	1.84E-07	1.14E-07	3.52E-08	1.50E-07	2.71E-08	9.01E-09	3.61E-08	2.11E-08	4.34E-09	2.55E-08
6393	624127.16	4266700.11	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.98E-09	3.60E-08	2.10E-08	4.33E-09	2.54E-08
6394	624118.23	4266696.23	1.36E-07	4.67E-08	1.82E-07	1.14E-07	3.50E-08	1.48E-07	2.69E-08	8.95E-09	3.58E-08	2.10E-08	4.31E-09	2.53E-08
6395	624073.58	4266676.84	1.32E-07	4.56E-08	1.78E-07	1.11E-07	3.41E-08	1.45E-07	2.62E-08	8.73E-09	3.49E-08	2.04E-08	4.20E-09	2.46E-08
6396	624064.65	4266672.97	1.32E-07	4.53E-08	1.77E-07	1.10E-07	3.39E-08	1.44E-07	2.60E-08	8.67E-09	3.47E-08	2.03E-08	4.18E-09	2.45E-08
6397	624055.72	4266669.09	1.31E-07	4.49E-08	1.76E-07	1.09E-07	3.36E-08	1.43E-07	2.59E-08	8.61E-09	3.45E-08	2.02E-08	4.15E-09	2.43E-08
6398	624046.8	4266665.21	1.30E-07	4.46E-08	1.74E-07	1.08E-07	3.34E-08	1.42E-07	2.57E-08	8.54E-09	3.42E-08	2.00E-08	4.11E-09	2.41E-08
6399	624037.87	4266661.33	1.29E-07	4.42E-08	1.73E-07	1.07E-07	3.31E-08	1.41E-07	2.54E-08	8.47E-09	3.39E-08	1.98E-08	4.08E-09	2.39E-08
6400	624028.94	4266657.46	1.27E-07	4.38E-08	1.71E-07	1.06E-07	3.28E-08	1.39E-07	2.52E-08	8.39E-09	3.36E-08	1.97E-08	4.04E-09	2.37E-08
6401	624020.01	4266653.58	1.26E-07	4.34E-08	1.70E-07	1.05E-07	3.25E-08	1.38E-07	2.50E-08	8.31E-09	3.33E-08	1.95E-08	4.00E-09	2.35E-08
6402	624011.08	4266649.7	1.25E-07	4.29E-08	1.68E-07	1.04E-07	3.21E-08	1.37E-07	2.47E-08	8.23E-09	3.29E-08	1.93E-08	3.96E-09	2.32E-08
6403	624002.15	4266645.82	1.24E-07	4.25E-08	1.66E-07	1.03E-07	3.18E-08	1.35E-07	2.44E-08	8.14E-09	3.26E-08	1.91E-08	3.92E-09	2.30E-08
6404	623993.22	4266641.94	1.22E-07	4.20E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.42E-08	8.04E-09	3.22E-08	1.88E-08	3.87E-09	2.27E-08

6405	623984.29	4266638.07	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.39E-08	7.95E-09	3.18E-08	1.86E-08	3.83E-09	2.24E-08
6406	623975.36	4266634.19	1.19E-07	4.09E-08	1.60E-07	9.95E-08	3.06E-08	1.30E-07	2.36E-08	7.84E-09	3.14E-08	1.84E-08	3.78E-09	2.21E-08
6407	623966.43	4266630.31	1.17E-07	4.04E-08	1.58E-07	9.82E-08	3.02E-08	1.28E-07	2.32E-08	7.74E-09	3.10E-08	1.81E-08	3.73E-09	2.19E-08
6408	623957.51	4266626.43	1.16E-07	3.98E-08	1.56E-07	9.68E-08	2.98E-08	1.27E-07	2.29E-08	7.63E-09	3.06E-08	1.79E-08	3.68E-09	2.16E-08
6409	623948.58	4266622.56	1.14E-07	3.93E-08	1.54E-07	9.55E-08	2.94E-08	1.25E-07	2.26E-08	7.53E-09	3.01E-08	1.76E-08	3.63E-09	2.13E-08
6410	623939.65	4266618.68	1.13E-07	3.87E-08	1.51E-07	9.42E-08	2.90E-08	1.23E-07	2.23E-08	7.42E-09	2.97E-08	1.74E-08	3.58E-09	2.10E-08
6411	623930.72	4266614.8	1.11E-07	3.82E-08	1.49E-07	9.28E-08	2.86E-08	1.21E-07	2.20E-08	7.32E-09	2.93E-08	1.71E-08	3.52E-09	2.07E-08
6412	623921.79	4266610.92	1.09E-07	3.76E-08	1.47E-07	9.15E-08	2.82E-08	1.20E-07	2.17E-08	7.21E-09	2.89E-08	1.69E-08	3.47E-09	2.04E-08
6413	623912.86	4266607.04	1.08E-07	3.71E-08	1.45E-07	9.01E-08	2.78E-08	1.18E-07	2.13E-08	7.10E-09	2.84E-08	1.66E-08	3.42E-09	2.01E-08
6414	623903.93	4266603.17	1.06E-07	3.65E-08	1.43E-07	8.88E-08	2.73E-08	1.16E-07	2.10E-08	7.00E-09	2.80E-08	1.64E-08	3.37E-09	1.98E-08
6415	623895	4266599.29	1.05E-07	3.60E-08	1.41E-07	8.75E-08	2.69E-08	1.14E-07	2.07E-08	6.90E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
6416	623882.49	4266586.36	1.03E-07	3.54E-08	1.38E-07	8.60E-08	2.65E-08	1.13E-07	2.04E-08	6.78E-09	2.71E-08	1.59E-08	3.27E-09	1.91E-08
6417	623878.9	4266577.31	1.03E-07	3.53E-08	1.38E-07	8.58E-08	2.64E-08	1.12E-07	2.03E-08	6.77E-09	2.71E-08	1.58E-08	3.26E-09	1.91E-08
6418	623875.31	4266568.26	1.02E-07	3.52E-08	1.38E-07	8.57E-08	2.64E-08	1.12E-07	2.03E-08	6.75E-09	2.70E-08	1.58E-08	3.25E-09	1.91E-08
6419	623871.72	4266559.21	1.02E-07	3.52E-08	1.37E-07	8.55E-08	2.63E-08	1.12E-07	2.02E-08	6.74E-09	2.70E-08	1.58E-08	3.25E-09	1.90E-08
6420	623868.14	4266550.16	1.02E-07	3.51E-08	1.37E-07	8.53E-08	2.63E-08	1.12E-07	2.02E-08	6.73E-09	2.69E-08	1.57E-08	3.24E-09	1.90E-08
6421	623864.55	4266541.11	1.02E-07	3.50E-08	1.37E-07	8.51E-08	2.62E-08	1.11E-07	2.02E-08	6.71E-09	2.69E-08	1.57E-08	3.23E-09	1.90E-08
6422	623860.96	4266532.06	1.02E-07	3.50E-08	1.37E-07	8.50E-08	2.62E-08	1.11E-07	2.01E-08	6.70E-09	2.68E-08	1.57E-08	3.23E-09	1.89E-08
6423	623857.38	4266523.01	1.01E-07	3.49E-08	1.36E-07	8.48E-08	2.61E-08	1.11E-07	2.01E-08	6.68E-09	2.68E-08	1.57E-08	3.22E-09	1.89E-08
6424	623853.79	4266513.96	1.01E-07	3.48E-08	1.36E-07	8.46E-08	2.61E-08	1.11E-07	2.00E-08	6.67E-09	2.67E-08	1.56E-08	3.21E-09	1.88E-08
6425	623850.2	4266504.91	1.01E-07	3.47E-08	1.36E-07	8.45E-08	2.60E-08	1.10E-07	2.00E-08	6.66E-09	2.67E-08	1.56E-08	3.21E-09	1.88E-08
6426	623846.61	4266495.86	1.01E-07	3.47E-08	1.36E-07	8.43E-08	2.60E-08	1.10E-07	2.00E-08	6.65E-09	2.66E-08	1.56E-08	3.20E-09	1.88E-08
6427	623843.03	4266486.82	1.01E-07	3.46E-08	1.35E-07	8.42E-08	2.59E-08	1.10E-07	1.99E-08	6.63E-09	2.66E-08	1.55E-08	3.20E-09	1.87E-08
6428	623839.44	4266477.77	1.01E-07	3.46E-08	1.35E-07	8.40E-08	2.59E-08	1.10E-07	1.99E-08	6.62E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
6429	623835.85	4266468.72	1.00E-07	3.45E-08	1.35E-07	8.39E-08	2.58E-08	1.10E-07	1.99E-08	6.61E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
6430	623832.27	4266459.67	1.00E-07	3.45E-08	1.35E-07	8.38E-08	2.58E-08	1.10E-07	1.98E-08	6.61E-09	2.65E-08	1.55E-08	3.18E-09	1.87E-08
6431	623828.68	4266450.62	1.00E-07	3.44E-08	1.35E-07	8.37E-08	2.58E-08	1.10E-07	1.98E-08	6.60E-09	2.64E-08	1.55E-08	3.18E-09	1.86E-08
6432	623825.09	4266441.57	1.00E-07	3.44E-08	1.34E-07	8.37E-08	2.58E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.18E-09	1.86E-08
6433	623821.5	4266432.52	1.00E-07	3.44E-08	1.34E-07	8.36E-08	2.58E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.17E-09	1.86E-08
6434	623817.92	4266423.47	1.00E-07	3.44E-08	1.34E-07	8.36E-08	2.57E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.17E-09	1.86E-08
6435	623814.33	4266414.42	1.00E-07	3.44E-08	1.34E-07	8.36E-08	2.57E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.17E-09	1.86E-08
6436	623810.74	4266405.37	1.00E-07	3.44E-08	1.34E-07	8.36E-08	2.57E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.17E-09	1.86E-08
6437	623807.16	4266396.32	1.00E-07	3.44E-08	1.34E-07	8.36E-08	2.58E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.17E-09	1.86E-08
6438	623803.57	4266387.27	1.00E-07	3.44E-08	1.34E-07	8.36E-08	2.58E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.18E-09	1.86E-08
6439	623799.98	4266378.22	1.00E-07	3.44E-08	1.35E-07	8.37E-08	2.58E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.18E-09	1.86E-08
6440	623796.39	4266369.17	1.00E-07	3.44E-08	1.35E-07	8.37E-08	2.58E-08	1.09E-07	1.98E-08	6.60E-09	2.64E-08	1.55E-08	3.18E-09	1.86E-08
6441	623792.81	4266360.12	1.00E-07	3.44E-08	1.35E-07	8.37E-08	2.58E-08	1.09E-07	1.98E-08	6.60E-09	2.64E-08	1.55E-08	3.18E-09	1.86E-08
6442	623789.22	4266351.07	1.00E-07	3.44E-08	1.35E-07	8.37E-08	2.58E-08	1.09E-07	1.98E-08	6.60E-09	2.64E-08	1.55E-08	3.18E-09	1.86E-08
6443	623785.63	4266342.02	1.00E-07	3.44E-08	1.35E-07	8.37E-08	2.58E-08	1.09E-07	1.98E-08	6.60E-09	2.64E-08	1.54E-08	3.18E-09	1.86E-08
6444	623782.05	4266332.97	1.00E-07	3.44E-08	1.34E-07	8.36E-08	2.58E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.18E-09	1.86E-08
6445	623778.46	4266323.92	1.00E-07	3.44E-08	1.34E-07	8.36E-08	2.57E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.17E-09	1.86E-08
6446	623774.87	4266314.87	9.98E-08	3.43E-08	1.34E-07	8.34E-08	2.57E-08	1.09E-07	1.98E-08	6.58E-09	2.63E-08	1.54E-08	3.17E-09	1.86E-08
6447	623771.28	4266305.82	9.96E-08	3.42E-08	1.34E-07	8.32E-08	2.56E-08	1.09E-07	1.97E-08	6.56E-09	2.63E-08	1.54E-08	3.16E-09	1.85E-08
6448	623767.7	4266296.77	9.93E-08	3.41E-08	1.33E-07	8.30E-08	2.56E-08	1.09E-07	1.97E-08	6.54E-09	2.62E-08	1.53E-08	3.15E-09	1.85E-08
6449	623764.11	4266287.72	9.89E-08	3.40E-08	1.33E-07	8.27E-08	2.55E-08	1.08E-07	1.96E-08	6.52E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
6450	623760.52	4266278.67	9.85E-08	3.39E-08	1.32E-07	8.23E-08	2.54E-08	1.08E-07	1.95E-08	6.49E-09	2.60E-08	1.52E-08	3.13E-09	1.83E-08
6451	623756.94	4266269.62	9.80E-08	3.37E-08	1.32E-07	8.19E-08	2.52E-08	1.07E-07	1.94E-08	6.46E-09	2.59E-08	1.51E-08	3.11E-09	1.82E-08
6452	623753.35	4266260.57	9.75E-08	3.35E-08	1.31E-07	8.15E-08	2.51E-08	1.07E-07	1.93E-08	6.42E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
6453	623749.76	4266251.52	9.69E-08	3.33E-08	1.30E-07	8.10E-08	2.49E-08	1.06E-07	1.92E-08	6.38E-09	2.56E-08	1.49E-08	3.07E-09	1.80E-08
6454	623746.17	4266242.47	9.62E-08	3.31E-08	1.29E-07	8.04E-08	2.48E-08	1.05E-07	1.90E-08	6.34E-09	2.54E-08	1.48E-08	3.05E-09	1.79E-08
6455	623742.59	4266233.42	9.55E-08	3.29E-08	1.28E-07	7.99E-08	2.46E-08	1.04E-07	1.89E-08	6.29E-09	2.52E-08	1.47E-08	3.03E-09	1.78E-08
6456	623739	4266224.37	9.48E-08	3.26E-08	1.27E-07	7.93E-08	2.44E-08	1.04E-07	1.88E-08	6.25E-09	2.50E-08	1.46E-08	3.01E-09	1.76E-08
6457	623735.41	4266215.32	9.41E-08	3.24E-08	1.26E-07	7.87E-08	2.42E-08	1.03E-07	1.86E-08	6.20E-09	2.48E-08	1.45E-08	2.99E-09	1.75E-08
6458	623731.83	4266206.27	9.34E-08	3.21E-08	1.26E-07	7.81E-08	2.40E-08	1.02E-07	1.85E-08	6.15E-09	2.46E-08	1.44E-08	2.96E-09	1.74E-08
6459	623728.24	4266197.22	9.27E-08	3.19E-08	1.25E-07	7.75E-08	2.39E-08	1.01E-07	1.83E-08	6.11E-09	2.45E-08	1.43E-08	2.94E-09	1.72E-08
6460	623724.65	4266188.17	9.19E-08	3.16E-08	1.24E-07	7.68E-08	2.37E-08	1.01E-07	1.82E-08	6.06E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
6461	623721.06	4266179.13	9.12E-08	3.14E-08	1.23E-07	7.62E-08	2.35E-08	9.97E-08	1.80E-08	6.01E-09	2.41E-08	1.41E-08	2.89E-09	1.70E-08
6462	623717.48	4266170.08	9.04E-08	3.11E-08	1.22E-07	7.56E-08	2.33E-08	9.89E-08	1.79E-08	5.96E-09	2.39E-08	1.40E-08	2.87E-09	1.68E-08
6463	623713.89	4266161.03	8.97E-08	3.09E-08	1.21E-07	7.50E-08	2.31E-08	9.81E-08	1.78E-08	5.91E-09	2.37E-08	1.38E-08	2.85E-09	1.67E-08
6464	623710.3	4266151.98	8.90E-08	3.06E-08	1.20E-07	7.44E-08	2.29E-08	9.73E-08	1.76E-08	5.86E-09	2.35E-08	1.37E-08	2.82E-09	1.66E-08
6465	624341.45	4266793.18	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.98E-09	3.60E-08	2.10E-08	4.33E-09	2.54E-08
6466	624351.34	4266793.35	1.37E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.99E-09	3.60E-08	2.11E-08	4.33E-09	2.54E-08
6467	624361.23	4266793.53	1.37E-07	4.70E-08	1.84E-07	1.14E-07	3.52E-08	1.49E-07	2.71E-08	9.00E-09	3.61E-08	2.11E-08	4.34E-09	2.54E-08
6468	624371.12	4266793.71	1.37E-07	4.70E-08	1.84E-07	1.14E-07	3.52E-08	1.50E-07	2.71E-08	9.01E-09	3.61E-08	2.11E-08	4.34E-09	2.54E-08
6469	624381.01	4266793.88	1.37E-07	4.71E-08	1.84E-07	1.14E-07	3.52E-08	1.50E-07	2.71E-08	9.02E-09	3.61E-08	2.11E-08	4.34E-09	2.55E-08
6470	624390.9	4266794.06	1.37E-07	4.71E-08	1.84E-07	1.14E-07	3.53E-08	1.50E-07	2.71E-08	9.02E-09	3.61E-08	2.11E-08	4.35E-09	2.55E-08
6471	624400.79	4266794.24	1.37E-07	4.71E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.03E-09	3.62E-08	2.11E-08	4.35E-09	2.55E-08
6472	624410.68	4266794.41	1.37E-07	4.71E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.03E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
6473	624420.57	4266794.59	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.03E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
6474	624430.46	4266794.77	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.04E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
6475	624440.35	4266794.94	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.72E-08	9.04E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
6476	624450.24	4266795.12	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.72E-08	9.04E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08

6477	624460.12	4266795.3	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.72E-08	9.04E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
6478	624470.01	4266795.47	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.72E-08	9.04E-09	3.62E-08	2.12E-08	4.36E-09	2.55E-08
6479	624479.9	4266795.65	1.37E-07	4.72E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.05E-09	3.62E-08	2.12E-08	4.36E-09	2.55E-08
6480	624489.79	4266795.83	1.37E-07	4.72E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.05E-09	3.62E-08	2.12E-08	4.36E-09	2.56E-08
6481	624499.68	4266796	1.38E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.06E-09	3.63E-08	2.12E-08	4.36E-09	2.56E-08
6482	624509.57	4266796.18	1.38E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.07E-09	3.63E-08	2.12E-08	4.37E-09	2.56E-08
6483	624519.46	4266796.36	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.08E-09	3.63E-08	2.13E-08	4.37E-09	2.56E-08
6484	624529.35	4266796.53	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.09E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
6485	624539.24	4266796.71	1.38E-07	4.75E-08	1.86E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.10E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
6486	624549.13	4266796.88	1.38E-07	4.75E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.11E-09	3.65E-08	2.13E-08	4.39E-09	2.57E-08
6487	624559.02	4266797.06	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.11E-09	3.65E-08	2.13E-08	4.39E-09	2.57E-08
6488	624568.91	4266797.24	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.12E-09	3.65E-08	2.14E-08	4.39E-09	2.57E-08
6489	624578.8	4266797.41	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.12E-09	3.65E-08	2.14E-08	4.39E-09	2.58E-08
6490	624588.68	4266797.59	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.12E-09	3.65E-08	2.14E-08	4.39E-09	2.58E-08
6491	624598.57	4266797.77	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.12E-09	3.65E-08	2.13E-08	4.39E-09	2.57E-08
6492	624608.46	4266797.94	1.38E-07	4.75E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.11E-09	3.65E-08	2.13E-08	4.39E-09	2.57E-08
6493	624618.35	4266798.12	1.38E-07	4.75E-08	1.86E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.10E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
6494	624628.24	4266798.3	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.08E-09	3.64E-08	2.13E-08	4.37E-09	2.56E-08
6495	624638.13	4266798.47	1.38E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.06E-09	3.63E-08	2.12E-08	4.36E-09	2.56E-08
6496	624648.02	4266798.65	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.72E-08	9.04E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
6497	624657.91	4266798.83	1.37E-07	4.70E-08	1.84E-07	1.14E-07	3.52E-08	1.50E-07	2.71E-08	9.01E-09	3.61E-08	2.11E-08	4.34E-09	2.54E-08
6498	624667.8	4266799	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.99E-09	3.60E-08	2.10E-08	4.33E-09	2.54E-08
6499	624677.69	4266799.18	1.36E-07	4.68E-08	1.83E-07	1.14E-07	3.50E-08	1.49E-07	2.69E-08	8.96E-09	3.59E-08	2.10E-08	4.32E-09	2.53E-08
6500	624687.58	4266799.36	1.36E-07	4.66E-08	1.82E-07	1.13E-07	3.49E-08	1.48E-07	2.68E-08	8.93E-09	3.58E-08	2.09E-08	4.30E-09	2.52E-08
6501	624697.47	4266799.53	1.35E-07	4.65E-08	1.82E-07	1.13E-07	3.48E-08	1.48E-07	2.68E-08	8.91E-09	3.57E-08	2.09E-08	4.29E-09	2.52E-08
6502	624707.35	4266799.71	1.35E-07	4.64E-08	1.81E-07	1.13E-07	3.47E-08	1.47E-07	2.67E-08	8.88E-09	3.56E-08	2.08E-08	4.28E-09	2.51E-08
6503	624717.24	4266799.89	1.34E-07	4.62E-08	1.81E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.86E-09	3.55E-08	2.07E-08	4.27E-09	2.50E-08
6504	624727.13	4266800.06	1.34E-07	4.61E-08	1.80E-07	1.12E-07	3.45E-08	1.47E-07	2.65E-08	8.84E-09	3.54E-08	2.07E-08	4.26E-09	2.50E-08
6505	624737.02	4266800.24	1.34E-07	4.60E-08	1.80E-07	1.12E-07	3.44E-08	1.46E-07	2.65E-08	8.82E-09	3.53E-08	2.06E-08	4.25E-09	2.49E-08
6506	624746.91	4266800.42	1.34E-07	4.59E-08	1.79E-07	1.12E-07	3.44E-08	1.46E-07	2.64E-08	8.80E-09	3.52E-08	2.06E-08	4.24E-09	2.48E-08
6507	624756.8	4266800.59	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.78E-09	3.52E-08	2.06E-08	4.23E-09	2.48E-08
6508	624766.69	4266800.77	1.33E-07	4.57E-08	1.79E-07	1.11E-07	3.42E-08	1.45E-07	2.63E-08	8.76E-09	3.51E-08	2.05E-08	4.22E-09	2.47E-08
6509	624776.58	4266800.95	1.33E-07	4.57E-08	1.78E-07	1.11E-07	3.42E-08	1.45E-07	2.63E-08	8.75E-09	3.50E-08	2.05E-08	4.21E-09	2.47E-08
6510	624786.47	4266801.12	1.32E-07	4.55E-08	1.78E-07	1.11E-07	3.41E-08	1.45E-07	2.62E-08	8.73E-09	3.49E-08	2.04E-08	4.20E-09	2.46E-08
6511	624796.36	4266801.3	1.32E-07	4.54E-08	1.78E-07	1.10E-07	3.40E-08	1.44E-07	2.62E-08	8.71E-09	3.49E-08	2.04E-08	4.19E-09	2.46E-08
6512	624806.25	4266801.48	1.32E-07	4.53E-08	1.77E-07	1.10E-07	3.39E-08	1.44E-07	2.61E-08	8.68E-09	3.48E-08	2.03E-08	4.18E-09	2.45E-08
6513	624816.14	4266801.65	1.31E-07	4.52E-08	1.77E-07	1.10E-07	3.38E-08	1.44E-07	2.60E-08	8.66E-09	3.47E-08	2.03E-08	4.17E-09	2.44E-08
6514	624826.03	4266801.83	1.31E-07	4.51E-08	1.76E-07	1.10E-07	3.37E-08	1.43E-07	2.59E-08	8.63E-09	3.46E-08	2.02E-08	4.16E-09	2.44E-08
6515	624835.91	4266802.01	1.31E-07	4.49E-08	1.75E-07	1.09E-07	3.36E-08	1.43E-07	2.58E-08	8.60E-09	3.45E-08	2.02E-08	4.14E-09	2.43E-08
6516	624331.64	4266839.3	1.25E-07	4.29E-08	1.68E-07	1.04E-07	3.21E-08	1.36E-07	2.47E-08	8.22E-09	3.29E-08	1.93E-08	3.96E-09	2.32E-08
6517	624322.73	4266835.42	1.26E-07	4.32E-08	1.69E-07	1.05E-07	3.23E-08	1.37E-07	2.48E-08	8.27E-09	3.31E-08	1.94E-08	3.98E-09	2.34E-08
6518	624313.81	4266831.55	1.26E-07	4.34E-08	1.70E-07	1.05E-07	3.25E-08	1.38E-07	2.50E-08	8.31E-09	3.33E-08	1.95E-08	4.00E-09	2.35E-08
6519	624304.9	4266827.68	1.27E-07	4.36E-08	1.70E-07	1.06E-07	3.26E-08	1.39E-07	2.51E-08	8.35E-09	3.34E-08	1.96E-08	4.02E-09	2.36E-08
6520	624295.98	4266823.81	1.27E-07	4.38E-08	1.71E-07	1.06E-07	3.28E-08	1.39E-07	2.52E-08	8.39E-09	3.36E-08	1.97E-08	4.04E-09	2.37E-08
6521	624287.06	4266819.93	1.28E-07	4.40E-08	1.72E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.42E-09	3.37E-08	1.97E-08	4.06E-09	2.38E-08
6522	624278.15	4266816.06	1.28E-07	4.41E-08	1.72E-07	1.07E-07	3.30E-08	1.40E-07	2.54E-08	8.45E-09	3.38E-08	1.98E-08	4.07E-09	2.39E-08
6523	624269.23	4266812.19	1.29E-07	4.42E-08	1.73E-07	1.08E-07	3.31E-08	1.41E-07	2.55E-08	8.48E-09	3.39E-08	1.99E-08	4.08E-09	2.39E-08
6524	624260.31	4266808.32	1.29E-07	4.43E-08	1.73E-07	1.08E-07	3.32E-08	1.41E-07	2.55E-08	8.49E-09	3.40E-08	1.99E-08	4.09E-09	2.40E-08
6525	624251.4	4266804.45	1.29E-07	4.44E-08	1.73E-07	1.08E-07	3.32E-08	1.41E-07	2.55E-08	8.50E-09	3.40E-08	1.99E-08	4.10E-09	2.40E-08
6526	624242.48	4266800.57	1.29E-07	4.44E-08	1.74E-07	1.08E-07	3.32E-08	1.41E-07	2.56E-08	8.51E-09	3.41E-08	1.99E-08	4.10E-09	2.40E-08
6527	624233.56	4266796.7	1.29E-07	4.44E-08	1.74E-07	1.08E-07	3.32E-08	1.41E-07	2.56E-08	8.51E-09	3.41E-08	1.99E-08	4.10E-09	2.40E-08
6528	624224.65	4266792.83	1.29E-07	4.44E-08	1.74E-07	1.08E-07	3.32E-08	1.41E-07	2.56E-08	8.51E-09	3.41E-08	1.99E-08	4.10E-09	2.40E-08
6529	624215.73	4266788.96	1.29E-07	4.44E-08	1.73E-07	1.08E-07	3.32E-08	1.41E-07	2.55E-08	8.50E-09	3.40E-08	1.99E-08	4.09E-09	2.40E-08
6530	624206.81	4266785.08	1.29E-07	4.43E-08	1.73E-07	1.08E-07	3.32E-08	1.41E-07	2.55E-08	8.49E-09	3.40E-08	1.99E-08	4.09E-09	2.40E-08
6531	624197.9	4266781.21	1.29E-07	4.43E-08	1.73E-07	1.08E-07	3.31E-08	1.41E-07	2.55E-08	8.48E-09	3.40E-08	1.99E-08	4.08E-09	2.39E-08
6532	624188.98	4266777.34	1.28E-07	4.42E-08	1.73E-07	1.07E-07	3.31E-08	1.40E-07	2.54E-08	8.46E-09	3.39E-08	1.98E-08	4.08E-09	2.39E-08
6533	624180.06	4266773.47	1.28E-07	4.41E-08	1.72E-07	1.07E-07	3.30E-08	1.40E-07	2.54E-08	8.45E-09	3.38E-08	1.98E-08	4.07E-09	2.38E-08
6534	624171.15	4266769.59	1.28E-07	4.40E-08	1.72E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.43E-09	3.37E-08	1.97E-08	4.06E-09	2.38E-08
6535	624162.23	4266765.72	1.28E-07	4.39E-08	1.71E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.41E-09	3.37E-08	1.97E-08	4.05E-09	2.37E-08
6536	624153.31	4266761.85	1.27E-07	4.38E-08	1.71E-07	1.06E-07	3.28E-08	1.39E-07	2.52E-08	8.39E-09	3.36E-08	1.96E-08	4.04E-09	2.37E-08
6537	624144.4	4266757.98	1.27E-07	4.37E-08	1.71E-07	1.06E-07	3.27E-08	1.39E-07	2.51E-08	8.37E-09	3.35E-08	1.96E-08	4.03E-09	2.36E-08
6538	624135.48	4266754.11	1.27E-07	4.36E-08	1.70E-07	1.06E-07	3.26E-08	1.38E-07	2.51E-08	8.35E-09	3.34E-08	1.95E-08	4.02E-09	2.36E-08
6539	624126.56	4266750.23	1.26E-07	4.34E-08	1.70E-07	1.06E-07	3.25E-08	1.38E-07	2.50E-08	8.32E-09	3.33E-08	1.95E-08	4.01E-09	2.35E-08
6540	624117.65	4266746.36	1.26E-07	4.33E-08	1.69E-07	1.05E-07	3.24E-08	1.38E-07	2.49E-08	8.30E-09	3.32E-08	1.94E-08	4.00E-09	2.34E-08
6541	624073.06	4266727	1.24E-07	4.26E-08	1.66E-07	1.04E-07	3.19E-08	1.35E-07	2.45E-08	8.16E-09	3.27E-08	1.91E-08	3.93E-09	2.30E-08
6542	624064.15	4266723.13	1.23E-07	4.24E-08	1.66E-07	1.03E-07	3.17E-08	1.35E-07	2.44E-08	8.12E-09	3.25E-08	1.90E-08	3.91E-09	2.29E-08
6543	624055.23	4266719.25	1.23E-07	4.22E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.08E-09	3.24E-08	1.89E-08	3.89E-09	2.28E-08
6544	624046.32	4266715.38	1.22E-07	4.19E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.41E-08	8.04E-09	3.22E-08	1.88E-08	3.87E-09	2.27E-08
6545	624037.4	4266711.51	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.12E-08	1.33E-07	2.40E-08	7.99E-09	3.20E-08	1.87E-08	3.85E-09	2.25E-08
6546	624028.48	4266707.64	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.93E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
6547	624019.57	4266703.76	1.19E-07	4.11E-08	1.61E-07	9.99E-08	3.08E-08	1.31E-07	2.36E-08	7.87E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
6548	624010.65	4266699.89	1.18E-07	4.07E-08	1.59E-07	9.90E-08	3.05E-08	1.30E-07	2.34E-08	7.81E-09	3.13E-08	1.83E-08	3.76E-09	2.20E-08

6549	624001.73	4266696.02	1.17E-07	4.04E-08	1.58E-07	9.81E-08	3.02E-08	1.28E-07	2.32E-08	7.73E-09	3.10E-08	1.81E-08	3.73E-09	2.18E-08
6550	623992.82	4266692.15	1.16E-07	4.00E-08	1.56E-07	9.72E-08	2.99E-08	1.27E-07	2.30E-08	7.66E-09	3.07E-08	1.79E-08	3.69E-09	2.16E-08
6551	623983.9	4266688.28	1.15E-07	3.96E-08	1.55E-07	9.62E-08	2.96E-08	1.26E-07	2.28E-08	7.59E-09	3.04E-08	1.78E-08	3.65E-09	2.14E-08
6552	623974.98	4266684.4	1.14E-07	3.92E-08	1.53E-07	9.52E-08	2.93E-08	1.25E-07	2.25E-08	7.51E-09	3.01E-08	1.76E-08	3.62E-09	2.12E-08
6553	623966.07	4266680.53	1.13E-07	3.87E-08	1.51E-07	9.42E-08	2.90E-08	1.23E-07	2.23E-08	7.42E-09	2.97E-08	1.74E-08	3.58E-09	2.10E-08
6554	623957.15	4266676.66	1.11E-07	3.83E-08	1.50E-07	9.31E-08	2.87E-08	1.22E-07	2.20E-08	7.34E-09	2.94E-08	1.72E-08	3.53E-09	2.07E-08
6555	623948.23	4266672.79	1.10E-07	3.78E-08	1.48E-07	9.20E-08	2.83E-08	1.20E-07	2.18E-08	7.25E-09	2.90E-08	1.70E-08	3.49E-09	2.05E-08
6556	623939.32	4266668.91	1.09E-07	3.74E-08	1.46E-07	9.08E-08	2.80E-08	1.19E-07	2.15E-08	7.16E-09	2.87E-08	1.68E-08	3.45E-09	2.02E-08
6557	623930.4	4266665.04	1.07E-07	3.69E-08	1.44E-07	8.97E-08	2.76E-08	1.17E-07	2.12E-08	7.07E-09	2.83E-08	1.66E-08	3.40E-09	2.00E-08
6558	623921.48	4266661.17	1.06E-07	3.64E-08	1.42E-07	8.85E-08	2.73E-08	1.16E-07	2.10E-08	6.98E-09	2.79E-08	1.63E-08	3.36E-09	1.97E-08
6559	623912.57	4266657.3	1.04E-07	3.59E-08	1.40E-07	8.73E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.76E-08	1.61E-08	3.31E-09	1.94E-08
6560	623903.65	4266653.42	1.03E-07	3.54E-08	1.38E-07	8.61E-08	2.65E-08	1.13E-07	2.04E-08	6.79E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
6561	623894.73	4266649.55	1.02E-07	3.49E-08	1.37E-07	8.49E-08	2.62E-08	1.11E-07	2.01E-08	6.69E-09	2.68E-08	1.57E-08	3.22E-09	1.89E-08
6562	623885.82	4266645.68	1.00E-07	3.44E-08	1.35E-07	8.37E-08	2.58E-08	1.10E-07	1.98E-08	6.60E-09	2.64E-08	1.55E-08	3.18E-09	1.86E-08
6563	623876.9	4266641.81	9.88E-08	3.40E-08	1.33E-07	8.25E-08	2.54E-08	1.08E-07	1.95E-08	6.51E-09	2.61E-08	1.52E-08	3.13E-09	1.84E-08
6564	623867.98	4266637.94	9.74E-08	3.35E-08	1.31E-07	8.14E-08	2.51E-08	1.06E-07	1.93E-08	6.41E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
6565	623859.07	4266634.06	9.60E-08	3.30E-08	1.29E-07	8.02E-08	2.47E-08	1.05E-07	1.90E-08	6.32E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
6566	623846.57	4266621.15	9.44E-08	3.25E-08	1.27E-07	7.89E-08	2.43E-08	1.03E-07	1.87E-08	6.22E-09	2.49E-08	1.46E-08	3.00E-09	1.76E-08
6567	623842.99	4266612.12	9.42E-08	3.24E-08	1.27E-07	7.88E-08	2.43E-08	1.03E-07	1.87E-08	6.21E-09	2.49E-08	1.45E-08	2.99E-09	1.75E-08
6568	623839.4	4266603.08	9.40E-08	3.23E-08	1.26E-07	7.86E-08	2.42E-08	1.03E-07	1.86E-08	6.20E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
6569	623835.82	4266594.04	9.39E-08	3.23E-08	1.26E-07	7.84E-08	2.42E-08	1.03E-07	1.86E-08	6.18E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
6570	623832.24	4266585.01	9.37E-08	3.22E-08	1.26E-07	7.83E-08	2.41E-08	1.02E-07	1.85E-08	6.17E-09	2.47E-08	1.45E-08	2.97E-09	1.74E-08
6571	623828.66	4266575.97	9.35E-08	3.21E-08	1.26E-07	7.81E-08	2.41E-08	1.02E-07	1.85E-08	6.16E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08
6572	623825.08	4266566.93	9.33E-08	3.21E-08	1.25E-07	7.80E-08	2.40E-08	1.02E-07	1.85E-08	6.15E-09	2.46E-08	1.44E-08	2.96E-09	1.74E-08
6573	623821.49	4266557.89	9.31E-08	3.20E-08	1.25E-07	7.78E-08	2.40E-08	1.02E-07	1.84E-08	6.13E-09	2.46E-08	1.44E-08	2.95E-09	1.73E-08
6574	623817.91	4266548.86	9.29E-08	3.19E-08	1.25E-07	7.76E-08	2.39E-08	1.02E-07	1.84E-08	6.12E-09	2.45E-08	1.43E-08	2.95E-09	1.73E-08
6575	623814.33	4266539.82	9.27E-08	3.19E-08	1.25E-07	7.75E-08	2.39E-08	1.01E-07	1.84E-08	6.11E-09	2.45E-08	1.43E-08	2.94E-09	1.72E-08
6576	623810.75	4266530.78	9.25E-08	3.18E-08	1.24E-07	7.74E-08	2.38E-08	1.01E-07	1.83E-08	6.10E-09	2.44E-08	1.43E-08	2.94E-09	1.72E-08
6577	623807.17	4266521.75	9.24E-08	3.18E-08	1.24E-07	7.72E-08	2.38E-08	1.01E-07	1.83E-08	6.09E-09	2.44E-08	1.43E-08	2.93E-09	1.72E-08
6578	623803.58	4266512.71	9.22E-08	3.17E-08	1.24E-07	7.71E-08	2.37E-08	1.01E-07	1.83E-08	6.08E-09	2.43E-08	1.42E-08	2.93E-09	1.72E-08
6579	623800	4266503.67	9.21E-08	3.17E-08	1.24E-07	7.70E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
6580	623796.42	4266494.64	9.20E-08	3.16E-08	1.24E-07	7.69E-08	2.37E-08	1.01E-07	1.82E-08	6.06E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
6581	623792.84	4266485.6	9.19E-08	3.16E-08	1.23E-07	7.68E-08	2.37E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.92E-09	1.71E-08
6582	623789.25	4266476.56	9.18E-08	3.16E-08	1.23E-07	7.67E-08	2.36E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
6583	623785.67	4266467.52	9.17E-08	3.15E-08	1.23E-07	7.67E-08	2.36E-08	1.00E-07	1.82E-08	6.04E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
6584	623782.09	4266458.49	9.17E-08	3.15E-08	1.23E-07	7.66E-08	2.36E-08	1.00E-07	1.82E-08	6.04E-09	2.42E-08	1.41E-08	2.91E-09	1.71E-08
6585	623778.51	4266449.45	9.17E-08	3.15E-08	1.23E-07	7.66E-08	2.36E-08	1.00E-07	1.81E-08	6.04E-09	2.42E-08	1.41E-08	2.91E-09	1.71E-08
6586	623774.93	4266440.41	9.17E-08	3.15E-08	1.23E-07	7.66E-08	2.36E-08	1.00E-07	1.82E-08	6.04E-09	2.42E-08	1.41E-08	2.91E-09	1.71E-08
6587	623771.34	4266431.38	9.17E-08	3.15E-08	1.23E-07	7.67E-08	2.36E-08	1.00E-07	1.82E-08	6.04E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
6588	623767.76	4266422.34	9.18E-08	3.16E-08	1.23E-07	7.67E-08	2.36E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
6589	623764.18	4266413.3	9.18E-08	3.16E-08	1.23E-07	7.68E-08	2.36E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
6590	623760.6	4266404.26	9.19E-08	3.16E-08	1.24E-07	7.68E-08	2.37E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.92E-09	1.71E-08
6591	623757.02	4266395.23	9.20E-08	3.16E-08	1.24E-07	7.69E-08	2.37E-08	1.01E-07	1.82E-08	6.06E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
6592	623753.43	4266386.19	9.20E-08	3.17E-08	1.24E-07	7.69E-08	2.37E-08	1.01E-07	1.82E-08	6.06E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
6593	623749.85	4266377.15	9.21E-08	3.17E-08	1.24E-07	7.70E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
6594	623746.27	4266368.12	9.21E-08	3.17E-08	1.24E-07	7.70E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
6595	623742.69	4266359.08	9.21E-08	3.17E-08	1.24E-07	7.70E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
6596	623739.1	4266350.04	9.21E-08	3.17E-08	1.24E-07	7.70E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
6597	623735.52	4266341.01	9.21E-08	3.17E-08	1.24E-07	7.69E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
6598	623731.94	4266331.97	9.19E-08	3.16E-08	1.24E-07	7.69E-08	2.37E-08	1.01E-07	1.82E-08	6.06E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
6599	623728.36	4266322.93	9.18E-08	3.16E-08	1.23E-07	7.67E-08	2.36E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
6600	623724.78	4266313.89	9.16E-08	3.15E-08	1.23E-07	7.65E-08	2.36E-08	1.00E-07	1.81E-08	6.03E-09	2.42E-08	1.41E-08	2.91E-09	1.70E-08
6601	623721.19	4266304.86	9.13E-08	3.14E-08	1.23E-07	7.63E-08	2.35E-08	9.98E-08	1.81E-08	6.01E-09	2.41E-08	1.41E-08	2.90E-09	1.70E-08
6602	623717.61	4266295.82	9.10E-08	3.13E-08	1.22E-07	7.60E-08	2.34E-08	9.94E-08	1.80E-08	5.99E-09	2.40E-08	1.40E-08	2.89E-09	1.69E-08
6603	623714.03	4266286.78	9.06E-08	3.11E-08	1.22E-07	7.57E-08	2.33E-08	9.90E-08	1.79E-08	5.97E-09	2.39E-08	1.40E-08	2.87E-09	1.68E-08
6604	623710.45	4266277.75	9.01E-08	3.10E-08	1.21E-07	7.53E-08	2.32E-08	9.85E-08	1.78E-08	5.94E-09	2.38E-08	1.39E-08	2.86E-09	1.68E-08
6605	623706.87	4266268.71	8.97E-08	3.08E-08	1.20E-07	7.49E-08	2.31E-08	9.80E-08	1.77E-08	5.91E-09	2.37E-08	1.38E-08	2.85E-09	1.67E-08
6606	623703.28	4266259.67	8.91E-08	3.06E-08	1.20E-07	7.45E-08	2.29E-08	9.74E-08	1.76E-08	5.87E-09	2.35E-08	1.38E-08	2.83E-09	1.66E-08
6607	623699.7	4266250.64	8.85E-08	3.04E-08	1.19E-07	7.40E-08	2.28E-08	9.68E-08	1.75E-08	5.83E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
6608	623696.12	4266241.6	8.79E-08	3.02E-08	1.18E-07	7.35E-08	2.26E-08	9.61E-08	1.74E-08	5.79E-09	2.32E-08	1.36E-08	2.79E-09	1.64E-08
6609	623692.54	4266232.56	8.73E-08	3.00E-08	1.17E-07	7.30E-08	2.25E-08	9.55E-08	1.73E-08	5.75E-09	2.30E-08	1.35E-08	2.77E-09	1.62E-08
6610	623688.95	4266223.52	8.67E-08	2.98E-08	1.16E-07	7.25E-08	2.23E-08	9.48E-08	1.72E-08	5.71E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
6611	623685.37	4266214.49	8.61E-08	2.96E-08	1.16E-07	7.19E-08	2.22E-08	9.41E-08	1.70E-08	5.67E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
6612	623681.79	4266205.45	8.54E-08	2.94E-08	1.15E-07	7.14E-08	2.20E-08	9.34E-08	1.69E-08	5.63E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08
6613	623678.21	4266196.41	8.48E-08	2.92E-08	1.14E-07	7.09E-08	2.18E-08	9.27E-08	1.68E-08	5.59E-09	2.24E-08	1.31E-08	2.69E-09	1.58E-08
6614	623674.63	4266187.38	8.42E-08	2.89E-08	1.13E-07	7.04E-08	2.17E-08	9.20E-08	1.67E-08	5.55E-09	2.22E-08	1.30E-08	2.67E-09	1.57E-08
6615	623671.04	4266178.34	8.35E-08	2.87E-08	1.12E-07	6.98E-08	2.15E-08	9.13E-08	1.65E-08	5.50E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
6616	623667.46	4266169.3	8.28E-08	2.85E-08	1.11E-07	6.92E-08	2.13E-08	9.06E-08	1.64E-08	5.46E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
6617	623663.88	4266160.26	8.22E-08	2.83E-08	1.10E-07	6.87E-08	2.12E-08	8.99E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
6618	623660.3	4266151.23	8.16E-08	2.81E-08	1.10E-07	6.82E-08	2.10E-08	8.93E-08	1.62E-08	5.38E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
6619	624340.56	4266843.17	1.24E-07	4.27E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.18E-09	3.27E-08	1.92E-08	3.94E-09	2.31E-08
6620	624350.45	4266843.35	1.24E-07	4.27E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.18E-09	3.28E-08	1.92E-08	3.94E-09	2.31E-08

6621	624360.34	4266843.52	1.24E-07	4.27E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.19E-09	3.28E-08	1.92E-08	3.94E-09	2.31E-08
6622	624370.23	4266843.7	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.19E-09	3.28E-08	1.92E-08	3.95E-09	2.31E-08
6623	624380.12	4266843.87	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.31E-08
6624	624390.01	4266844.05	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.31E-08
6625	624399.9	4266844.23	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.32E-08
6626	624409.79	4266844.4	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.32E-08
6627	624419.68	4266844.58	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.32E-08
6628	624429.56	4266844.76	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.32E-08
6629	624439.45	4266844.93	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.32E-08
6630	624449.34	4266845.11	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.32E-08
6631	624459.23	4266845.29	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.32E-08
6632	624469.12	4266845.46	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.32E-08
6633	624479.01	4266845.64	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.21E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.32E-08
6634	624488.9	4266845.82	1.25E-07	4.28E-08	1.67E-07	1.04E-07	3.21E-08	1.36E-07	2.46E-08	8.20E-09	3.29E-08	1.92E-08	3.95E-09	2.32E-08
6635	624498.79	4266845.99	1.25E-07	4.28E-08	1.67E-07	1.04E-07	3.21E-08	1.36E-07	2.47E-08	8.21E-09	3.29E-08	1.92E-08	3.95E-09	2.32E-08
6636	624508.68	4266846.17	1.25E-07	4.29E-08	1.68E-07	1.04E-07	3.21E-08	1.36E-07	2.47E-08	8.21E-09	3.29E-08	1.92E-08	3.96E-09	2.32E-08
6637	624518.57	4266846.35	1.25E-07	4.29E-08	1.68E-07	1.04E-07	3.21E-08	1.36E-07	2.47E-08	8.22E-09	3.29E-08	1.92E-08	3.96E-09	2.32E-08
6638	624528.46	4266846.52	1.25E-07	4.29E-08	1.68E-07	1.04E-07	3.21E-08	1.36E-07	2.47E-08	8.22E-09	3.29E-08	1.93E-08	3.96E-09	2.32E-08
6639	624538.35	4266846.7	1.25E-07	4.29E-08	1.68E-07	1.04E-07	3.21E-08	1.37E-07	2.47E-08	8.23E-09	3.29E-08	1.93E-08	3.96E-09	2.32E-08
6640	624548.23	4266846.88	1.25E-07	4.30E-08	1.68E-07	1.04E-07	3.22E-08	1.37E-07	2.47E-08	8.23E-09	3.30E-08	1.93E-08	3.96E-09	2.32E-08
6641	624558.12	4266847.05	1.25E-07	4.30E-08	1.68E-07	1.04E-07	3.22E-08	1.37E-07	2.47E-08	8.23E-09	3.30E-08	1.93E-08	3.96E-09	2.32E-08
6642	624568.01	4266847.23	1.25E-07	4.30E-08	1.68E-07	1.04E-07	3.22E-08	1.37E-07	2.47E-08	8.23E-09	3.30E-08	1.93E-08	3.96E-09	2.32E-08
6643	624577.9	4266847.41	1.25E-07	4.30E-08	1.68E-07	1.04E-07	3.22E-08	1.37E-07	2.47E-08	8.23E-09	3.30E-08	1.93E-08	3.96E-09	2.32E-08
6644	624587.79	4266847.58	1.25E-07	4.29E-08	1.68E-07	1.04E-07	3.21E-08	1.37E-07	2.47E-08	8.23E-09	3.29E-08	1.93E-08	3.96E-09	2.32E-08
6645	624597.68	4266847.76	1.25E-07	4.29E-08	1.68E-07	1.04E-07	3.21E-08	1.36E-07	2.47E-08	8.22E-09	3.29E-08	1.92E-08	3.96E-09	2.32E-08
6646	624607.57	4266847.94	1.25E-07	4.28E-08	1.67E-07	1.04E-07	3.21E-08	1.36E-07	2.46E-08	8.20E-09	3.29E-08	1.92E-08	3.95E-09	2.32E-08
6647	624617.46	4266848.11	1.24E-07	4.27E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.19E-09	3.28E-08	1.92E-08	3.94E-09	2.31E-08
6648	624627.35	4266848.29	1.24E-07	4.26E-08	1.67E-07	1.04E-07	3.19E-08	1.36E-07	2.45E-08	8.17E-09	3.27E-08	1.91E-08	3.93E-09	2.31E-08
6649	624637.24	4266848.47	1.24E-07	4.25E-08	1.66E-07	1.03E-07	3.18E-08	1.35E-07	2.45E-08	8.15E-09	3.26E-08	1.91E-08	3.92E-09	2.30E-08
6650	624647.13	4266848.64	1.23E-07	4.24E-08	1.66E-07	1.03E-07	3.17E-08	1.35E-07	2.44E-08	8.12E-09	3.25E-08	1.90E-08	3.91E-09	2.29E-08
6651	624657.02	4266848.82	1.23E-07	4.23E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.10E-09	3.24E-08	1.90E-08	3.90E-09	2.29E-08
6652	624666.91	4266849	1.22E-07	4.21E-08	1.65E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.07E-09	3.23E-08	1.89E-08	3.89E-09	2.28E-08
6653	624676.79	4266849.17	1.22E-07	4.20E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.42E-08	8.04E-09	3.22E-08	1.88E-08	3.87E-09	2.27E-08
6654	624686.68	4266849.35	1.22E-07	4.18E-08	1.64E-07	1.02E-07	3.13E-08	1.33E-07	2.41E-08	8.02E-09	3.21E-08	1.88E-08	3.86E-09	2.26E-08
6655	624696.57	4266849.53	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.12E-08	1.33E-07	2.40E-08	7.99E-09	3.20E-08	1.87E-08	3.85E-09	2.26E-08
6656	624706.46	4266849.7	1.21E-07	4.16E-08	1.63E-07	1.01E-07	3.12E-08	1.32E-07	2.40E-08	7.97E-09	3.19E-08	1.87E-08	3.84E-09	2.25E-08
6657	624716.35	4266849.88	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.96E-09	3.19E-08	1.86E-08	3.83E-09	2.25E-08
6658	624726.24	4266850.06	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.94E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
6659	624736.13	4266850.23	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.31E-07	2.38E-08	7.92E-09	3.17E-08	1.86E-08	3.82E-09	2.24E-08
6660	624746.02	4266850.41	1.20E-07	4.13E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.38E-08	7.91E-09	3.17E-08	1.85E-08	3.81E-09	2.23E-08
6661	624755.91	4266850.59	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.37E-08	7.90E-09	3.16E-08	1.85E-08	3.81E-09	2.23E-08
6662	624765.8	4266850.76	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.08E-08	1.31E-07	2.37E-08	7.89E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
6663	624775.69	4266850.94	1.20E-07	4.11E-08	1.61E-07	1.00E-07	3.08E-08	1.31E-07	2.37E-08	7.88E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
6664	624785.58	4266851.12	1.19E-07	4.11E-08	1.61E-07	9.98E-08	3.08E-08	1.31E-07	2.36E-08	7.87E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
6665	624795.46	4266851.29	1.19E-07	4.10E-08	1.60E-07	9.97E-08	3.07E-08	1.30E-07	2.36E-08	7.86E-09	3.15E-08	1.84E-08	3.78E-09	2.22E-08
6666	624805.35	4266851.47	1.19E-07	4.09E-08	1.60E-07	9.95E-08	3.06E-08	1.30E-07	2.36E-08	7.84E-09	3.14E-08	1.84E-08	3.78E-09	2.21E-08
6667	624815.24	4266851.65	1.19E-07	4.08E-08	1.60E-07	9.93E-08	3.06E-08	1.30E-07	2.35E-08	7.83E-09	3.13E-08	1.83E-08	3.77E-09	2.21E-08
6668	624825.13	4266851.82	1.19E-07	4.08E-08	1.59E-07	9.91E-08	3.05E-08	1.30E-07	2.35E-08	7.81E-09	3.13E-08	1.83E-08	3.76E-09	2.21E-08
6669	624835.02	4266852	1.18E-07	4.07E-08	1.59E-07	9.88E-08	3.04E-08	1.29E-07	2.34E-08	7.79E-09	3.12E-08	1.82E-08	3.75E-09	2.20E-08
6670	624329.74	4266939.23	1.05E-07	3.61E-08	1.41E-07	8.79E-08	2.71E-08	1.15E-07	2.08E-08	6.93E-09	2.77E-08	1.62E-08	3.34E-09	1.96E-08
6671	624320.7	4266935.3	1.06E-07	3.63E-08	1.42E-07	8.83E-08	2.72E-08	1.16E-07	2.09E-08	6.96E-09	2.79E-08	1.63E-08	3.35E-09	1.97E-08
6672	624311.66	4266931.37	1.06E-07	3.65E-08	1.43E-07	8.88E-08	2.74E-08	1.16E-07	2.10E-08	7.00E-09	2.80E-08	1.64E-08	3.37E-09	1.98E-08
6673	624302.62	4266927.45	1.07E-07	3.67E-08	1.44E-07	8.93E-08	2.75E-08	1.17E-07	2.11E-08	7.04E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
6674	624293.58	4266923.52	1.07E-07	3.69E-08	1.44E-07	8.97E-08	2.76E-08	1.17E-07	2.12E-08	7.07E-09	2.83E-08	1.66E-08	3.41E-09	2.00E-08
6675	624284.54	4266919.6	1.08E-07	3.70E-08	1.45E-07	9.00E-08	2.77E-08	1.18E-07	2.13E-08	7.10E-09	2.84E-08	1.66E-08	3.42E-09	2.00E-08
6676	624275.5	4266915.67	1.08E-07	3.72E-08	1.45E-07	9.04E-08	2.78E-08	1.18E-07	2.14E-08	7.12E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08
6677	624266.46	4266911.75	1.08E-07	3.73E-08	1.46E-07	9.07E-08	2.79E-08	1.19E-07	2.15E-08	7.15E-09	2.86E-08	1.67E-08	3.44E-09	2.02E-08
6678	624257.42	4266907.82	1.09E-07	3.74E-08	1.46E-07	9.10E-08	2.80E-08	1.19E-07	2.15E-08	7.17E-09	2.87E-08	1.68E-08	3.45E-09	2.02E-08
6679	624248.38	4266903.89	1.09E-07	3.75E-08	1.47E-07	9.12E-08	2.81E-08	1.19E-07	2.16E-08	7.19E-09	2.88E-08	1.68E-08	3.46E-09	2.03E-08
6680	624239.34	4266899.97	1.09E-07	3.76E-08	1.47E-07	9.14E-08	2.82E-08	1.20E-07	2.16E-08	7.20E-09	2.88E-08	1.69E-08	3.47E-09	2.03E-08
6681	624230.3	4266896.04	1.10E-07	3.77E-08	1.47E-07	9.15E-08	2.82E-08	1.20E-07	2.17E-08	7.22E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
6682	624221.26	4266892.12	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.82E-08	1.20E-07	2.17E-08	7.22E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
6683	624212.22	4266888.19	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.83E-08	1.20E-07	2.17E-08	7.23E-09	2.90E-08	1.69E-08	3.48E-09	2.04E-08
6684	624203.18	4266884.26	1.10E-07	3.78E-08	1.48E-07	9.18E-08	2.83E-08	1.20E-07	2.17E-08	7.23E-09	2.90E-08	1.69E-08	3.48E-09	2.04E-08
6685	624194.14	4266880.34	1.10E-07	3.78E-08	1.48E-07	9.18E-08	2.83E-08	1.20E-07	2.17E-08	7.23E-09	2.90E-08	1.69E-08	3.48E-09	2.04E-08
6686	624185.1	4266876.41	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.83E-08	1.20E-07	2.17E-08	7.23E-09	2.90E-08	1.69E-08	3.48E-09	2.04E-08
6687	624176.06	4266872.49	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.82E-08	1.20E-07	2.17E-08	7.22E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
6688	624167.02	4266868.56	1.10E-07	3.77E-08	1.47E-07	9.16E-08	2.82E-08	1.20E-07	2.17E-08	7.22E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
6689	624157.98	4266864.64	1.09E-07	3.76E-08	1.47E-07	9.15E-08	2.82E-08	1.20E-07	2.17E-08	7.21E-09	2.89E-08	1.69E-08	3.47E-09	2.04E-08
6690	624148.94	4266860.71	1.09E-07	3.76E-08	1.47E-07	9.14E-08	2.81E-08	1.19E-07	2.16E-08	7.20E-09	2.88E-08	1.69E-08	3.47E-09	2.03E-08
6691	624139.9	4266856.78	1.09E-07	3.75E-08	1.47E-07	9.12E-08	2.81E-08	1.19E-07	2.16E-08	7.19E-09	2.88E-08	1.68E-08	3.46E-09	2.03E-08
6692	624130.86	4266852.86	1.09E-07	3.75E-08	1.47E-07	9.11E-08	2.81E-08	1.19E-07	2.16E-08	7.18E-09	2.88E-08	1.68E-08	3.46E-09	2.03E-08

6693	624121.82	4266848.93	1.09E-07	3.74E-08	1.46E-07	9.10E-08	2.80E-08	1.19E-07	2.16E-08	7.17E-09	2.87E-08	1.68E-08	3.46E-09	2.03E-08
6694	624112.78	4266845.01	1.09E-07	3.74E-08	1.46E-07	9.09E-08	2.80E-08	1.19E-07	2.15E-08	7.16E-09	2.87E-08	1.68E-08	3.45E-09	2.02E-08
6695	623986.22	4266790.04	1.04E-07	3.59E-08	1.40E-07	8.72E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
6696	623977.18	4266786.12	1.04E-07	3.57E-08	1.39E-07	8.67E-08	2.67E-08	1.13E-07	2.05E-08	6.83E-09	2.74E-08	1.60E-08	3.29E-09	1.93E-08
6697	623968.14	4266782.19	1.03E-07	3.54E-08	1.38E-07	8.61E-08	2.65E-08	1.13E-07	2.04E-08	6.79E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
6698	623959.1	4266778.27	1.02E-07	3.51E-08	1.37E-07	8.54E-08	2.63E-08	1.12E-07	2.02E-08	6.73E-09	2.70E-08	1.58E-08	3.24E-09	1.90E-08
6699	623950.06	4266774.34	1.01E-07	3.49E-08	1.36E-07	8.47E-08	2.61E-08	1.11E-07	2.01E-08	6.68E-09	2.67E-08	1.56E-08	3.22E-09	1.89E-08
6700	623941.02	4266770.41	1.00E-07	3.46E-08	1.35E-07	8.40E-08	2.59E-08	1.10E-07	1.99E-08	6.62E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
6701	623931.98	4266766.49	9.96E-08	3.42E-08	1.34E-07	8.32E-08	2.56E-08	1.09E-07	1.97E-08	6.56E-09	2.63E-08	1.54E-08	3.16E-09	1.85E-08
6702	623922.94	4266762.56	9.86E-08	3.39E-08	1.32E-07	8.24E-08	2.54E-08	1.08E-07	1.95E-08	6.50E-09	2.60E-08	1.52E-08	3.13E-09	1.83E-08
6703	623913.9	4266758.64	9.76E-08	3.36E-08	1.31E-07	8.16E-08	2.51E-08	1.07E-07	1.93E-08	6.43E-09	2.57E-08	1.51E-08	3.10E-09	1.82E-08
6704	623904.86	4266754.71	9.65E-08	3.32E-08	1.30E-07	8.07E-08	2.49E-08	1.06E-07	1.91E-08	6.36E-09	2.55E-08	1.49E-08	3.06E-09	1.80E-08
6705	623895.82	4266750.79	9.54E-08	3.28E-08	1.28E-07	7.98E-08	2.46E-08	1.04E-07	1.89E-08	6.29E-09	2.52E-08	1.47E-08	3.03E-09	1.78E-08
6706	623886.78	4266746.86	9.43E-08	3.24E-08	1.27E-07	7.89E-08	2.43E-08	1.03E-07	1.87E-08	6.22E-09	2.49E-08	1.46E-08	2.99E-09	1.76E-08
6707	623877.74	4266742.93	9.32E-08	3.21E-08	1.25E-07	7.79E-08	2.40E-08	1.02E-07	1.84E-08	6.14E-09	2.46E-08	1.44E-08	2.96E-09	1.73E-08
6708	623868.7	4266739.01	9.21E-08	3.17E-08	1.24E-07	7.70E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
6709	623859.66	4266735.08	9.09E-08	3.13E-08	1.22E-07	7.60E-08	2.34E-08	9.94E-08	1.80E-08	5.99E-09	2.40E-08	1.40E-08	2.89E-09	1.69E-08
6710	623850.63	4266731.16	8.98E-08	3.09E-08	1.21E-07	7.50E-08	2.31E-08	9.81E-08	1.78E-08	5.91E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
6711	623841.59	4266727.23	8.86E-08	3.05E-08	1.19E-07	7.41E-08	2.28E-08	9.69E-08	1.75E-08	5.84E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
6712	623832.55	4266723.3	8.74E-08	3.01E-08	1.18E-07	7.31E-08	2.25E-08	9.56E-08	1.73E-08	5.76E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
6713	623823.51	4266719.38	8.63E-08	2.97E-08	1.16E-07	7.21E-08	2.22E-08	9.43E-08	1.71E-08	5.69E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
6714	623814.47	4266715.45	8.52E-08	2.93E-08	1.14E-07	7.12E-08	2.19E-08	9.31E-08	1.69E-08	5.61E-09	2.25E-08	1.31E-08	2.70E-09	1.58E-08
6715	623805.43	4266711.53	8.40E-08	2.89E-08	1.13E-07	7.02E-08	2.16E-08	9.19E-08	1.66E-08	5.54E-09	2.22E-08	1.30E-08	2.67E-09	1.56E-08
6716	623796.39	4266707.6	8.29E-08	2.85E-08	1.11E-07	6.93E-08	2.13E-08	9.07E-08	1.64E-08	5.46E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
6717	623787.35	4266703.68	8.18E-08	2.81E-08	1.10E-07	6.84E-08	2.11E-08	8.94E-08	1.62E-08	5.39E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
6718	623774.67	4266690.59	8.06E-08	2.77E-08	1.08E-07	6.73E-08	2.07E-08	8.81E-08	1.59E-08	5.31E-09	2.13E-08	1.24E-08	2.56E-09	1.50E-08
6719	623771.04	4266681.43	8.04E-08	2.76E-08	1.08E-07	6.72E-08	2.07E-08	8.79E-08	1.59E-08	5.30E-09	2.12E-08	1.24E-08	2.55E-09	1.50E-08
6720	623767.41	4266672.26	8.02E-08	2.76E-08	1.08E-07	6.71E-08	2.07E-08	8.77E-08	1.59E-08	5.29E-09	2.12E-08	1.24E-08	2.55E-09	1.49E-08
6721	623763.78	4266663.1	8.01E-08	2.75E-08	1.08E-07	6.69E-08	2.06E-08	8.75E-08	1.58E-08	5.27E-09	2.11E-08	1.24E-08	2.54E-09	1.49E-08
6722	623760.15	4266653.94	7.99E-08	2.75E-08	1.07E-07	6.68E-08	2.06E-08	8.73E-08	1.58E-08	5.26E-09	2.11E-08	1.23E-08	2.54E-09	1.49E-08
6723	623756.52	4266644.78	7.97E-08	2.74E-08	1.07E-07	6.66E-08	2.05E-08	8.72E-08	1.58E-08	5.25E-09	2.10E-08	1.23E-08	2.53E-09	1.48E-08
6724	623752.88	4266635.62	7.96E-08	2.74E-08	1.07E-07	6.65E-08	2.05E-08	8.70E-08	1.57E-08	5.24E-09	2.10E-08	1.23E-08	2.52E-09	1.48E-08
6725	623749.25	4266626.45	7.94E-08	2.73E-08	1.07E-07	6.64E-08	2.04E-08	8.68E-08	1.57E-08	5.23E-09	2.09E-08	1.23E-08	2.52E-09	1.48E-08
6726	623745.62	4266617.29	7.93E-08	2.73E-08	1.07E-07	6.62E-08	2.04E-08	8.66E-08	1.57E-08	5.22E-09	2.09E-08	1.22E-08	2.52E-09	1.47E-08
6727	623741.99	4266608.13	7.91E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.65E-08	1.57E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
6728	623738.36	4266598.97	7.90E-08	2.72E-08	1.06E-07	6.60E-08	2.03E-08	8.63E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
6729	623734.73	4266589.81	7.88E-08	2.71E-08	1.06E-07	6.59E-08	2.03E-08	8.62E-08	1.56E-08	5.19E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
6730	623731.09	4266580.64	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.60E-08	1.56E-08	5.18E-09	2.08E-08	1.21E-08	2.50E-09	1.46E-08
6731	623727.46	4266571.48	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.59E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6732	623723.83	4266562.32	7.85E-08	2.70E-08	1.05E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6733	623720.2	4266553.16	7.84E-08	2.69E-08	1.05E-07	6.55E-08	2.02E-08	8.57E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6734	623716.57	4266544	7.83E-08	2.69E-08	1.05E-07	6.54E-08	2.02E-08	8.56E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.48E-09	1.46E-08
6735	623712.94	4266534.83	7.82E-08	2.69E-08	1.05E-07	6.54E-08	2.01E-08	8.55E-08	1.55E-08	5.15E-09	2.06E-08	1.21E-08	2.48E-09	1.45E-08
6736	623709.31	4266525.67	7.82E-08	2.69E-08	1.05E-07	6.53E-08	2.01E-08	8.54E-08	1.55E-08	5.15E-09	2.06E-08	1.21E-08	2.48E-09	1.45E-08
6737	623705.67	4266516.51	7.81E-08	2.69E-08	1.05E-07	6.53E-08	2.01E-08	8.54E-08	1.55E-08	5.15E-09	2.06E-08	1.21E-08	2.48E-09	1.45E-08
6738	623702.04	4266507.35	7.81E-08	2.69E-08	1.05E-07	6.53E-08	2.01E-08	8.54E-08	1.55E-08	5.15E-09	2.06E-08	1.21E-08	2.48E-09	1.45E-08
6739	623698.41	4266498.19	7.81E-08	2.69E-08	1.05E-07	6.53E-08	2.01E-08	8.54E-08	1.55E-08	5.15E-09	2.06E-08	1.21E-08	2.48E-09	1.45E-08
6740	623694.78	4266489.02	7.82E-08	2.69E-08	1.05E-07	6.53E-08	2.01E-08	8.54E-08	1.55E-08	5.15E-09	2.06E-08	1.21E-08	2.48E-09	1.45E-08
6741	623691.15	4266479.86	7.82E-08	2.69E-08	1.05E-07	6.54E-08	2.01E-08	8.55E-08	1.55E-08	5.15E-09	2.06E-08	1.21E-08	2.48E-09	1.45E-08
6742	623687.52	4266470.7	7.83E-08	2.69E-08	1.05E-07	6.54E-08	2.01E-08	8.56E-08	1.55E-08	5.16E-09	2.06E-08	1.21E-08	2.48E-09	1.46E-08
6743	623683.88	4266461.54	7.83E-08	2.69E-08	1.05E-07	6.55E-08	2.02E-08	8.57E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6744	623680.25	4266452.38	7.84E-08	2.70E-08	1.05E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6745	623676.62	4266443.21	7.85E-08	2.70E-08	1.06E-07	6.56E-08	2.02E-08	8.59E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6746	623672.99	4266434.05	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.60E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.50E-09	1.46E-08
6747	623669.36	4266424.89	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.61E-08	1.56E-08	5.19E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
6748	623665.73	4266415.73	7.88E-08	2.71E-08	1.06E-07	6.59E-08	2.03E-08	8.62E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
6749	623662.09	4266406.57	7.89E-08	2.71E-08	1.06E-07	6.60E-08	2.03E-08	8.63E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
6750	623658.46	4266397.4	7.90E-08	2.72E-08	1.06E-07	6.60E-08	2.03E-08	8.64E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
6751	623654.83	4266388.24	7.90E-08	2.72E-08	1.06E-07	6.61E-08	2.03E-08	8.64E-08	1.56E-08	5.21E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
6752	623651.2	4266379.08	7.90E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.64E-08	1.56E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
6753	623647.57	4266369.92	7.90E-08	2.72E-08	1.06E-07	6.60E-08	2.03E-08	8.64E-08	1.56E-08	5.21E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
6754	623643.94	4266360.76	7.90E-08	2.72E-08	1.06E-07	6.60E-08	2.03E-08	8.63E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
6755	623640.3	4266351.59	7.89E-08	2.71E-08	1.06E-07	6.59E-08	2.03E-08	8.62E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
6756	623636.67	4266342.43	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.60E-08	1.56E-08	5.19E-09	2.08E-08	1.21E-08	2.50E-09	1.46E-08
6757	623633.04	4266333.27	7.85E-08	2.70E-08	1.06E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6758	623629.41	4266324.11	7.83E-08	2.69E-08	1.05E-07	6.54E-08	2.02E-08	8.56E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.48E-09	1.46E-08
6759	623625.78	4266314.95	7.80E-08	2.68E-08	1.05E-07	6.52E-08	2.01E-08	8.53E-08	1.54E-08	5.14E-09	2.06E-08	1.20E-08	2.48E-09	1.45E-08
6760	624338.78	4266943.15	1.05E-07	3.59E-08	1.40E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.94E-08
6761	624348.67	4266943.33	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
6762	624358.55	4266943.51	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
6763	624368.44	4266943.68	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
6764	624378.33	4266943.86	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08

6765	624388.22	4266944.04	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
6766	624398.11	4266944.21	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
6767	624408	4266944.39	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
6768	624417.89	4266944.57	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
6769	624427.78	4266944.74	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
6770	624437.67	4266944.92	1.05E-07	3.59E-08	1.40E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.94E-08
6771	624447.56	4266945.1	1.05E-07	3.59E-08	1.40E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.94E-08
6772	624457.45	4266945.27	1.05E-07	3.59E-08	1.40E-07	8.73E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.94E-08
6773	624467.34	4266945.45	1.04E-07	3.59E-08	1.40E-07	8.73E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.76E-08	1.61E-08	3.32E-09	1.94E-08
6774	624477.22	4266945.62	1.04E-07	3.59E-08	1.40E-07	8.73E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.76E-08	1.61E-08	3.31E-09	1.94E-08
6775	624487.11	4266945.8	1.04E-07	3.59E-08	1.40E-07	8.73E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
6776	624497	4266945.98	1.04E-07	3.59E-08	1.40E-07	8.72E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
6777	624506.89	4266946.15	1.04E-07	3.59E-08	1.40E-07	8.72E-08	2.69E-08	1.14E-07	2.06E-08	6.87E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
6778	624516.78	4266946.33	1.04E-07	3.59E-08	1.40E-07	8.71E-08	2.68E-08	1.14E-07	2.06E-08	6.87E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
6779	624526.67	4266946.51	1.04E-07	3.58E-08	1.40E-07	8.71E-08	2.68E-08	1.14E-07	2.06E-08	6.86E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
6780	624536.56	4266946.68	1.04E-07	3.58E-08	1.40E-07	8.70E-08	2.68E-08	1.14E-07	2.06E-08	6.86E-09	2.75E-08	1.61E-08	3.30E-09	1.94E-08
6781	624546.45	4266946.86	1.04E-07	3.57E-08	1.40E-07	8.69E-08	2.68E-08	1.14E-07	2.06E-08	6.85E-09	2.74E-08	1.60E-08	3.30E-09	1.93E-08
6782	624556.34	4266947.04	1.04E-07	3.57E-08	1.39E-07	8.68E-08	2.67E-08	1.13E-07	2.05E-08	6.84E-09	2.74E-08	1.60E-08	3.29E-09	1.93E-08
6783	624566.23	4266947.21	1.04E-07	3.56E-08	1.39E-07	8.66E-08	2.67E-08	1.13E-07	2.05E-08	6.83E-09	2.73E-08	1.60E-08	3.29E-09	1.93E-08
6784	624576.12	4266947.39	1.03E-07	3.56E-08	1.39E-07	8.64E-08	2.66E-08	1.13E-07	2.05E-08	6.81E-09	2.73E-08	1.60E-08	3.28E-09	1.92E-08
6785	624586.01	4266947.57	1.03E-07	3.55E-08	1.39E-07	8.62E-08	2.66E-08	1.13E-07	2.04E-08	6.80E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
6786	624595.9	4266947.74	1.03E-07	3.54E-08	1.38E-07	8.60E-08	2.65E-08	1.12E-07	2.04E-08	6.78E-09	2.71E-08	1.59E-08	3.27E-09	1.91E-08
6787	624605.78	4266947.92	1.03E-07	3.53E-08	1.38E-07	8.58E-08	2.64E-08	1.12E-07	2.03E-08	6.76E-09	2.71E-08	1.58E-08	3.26E-09	1.91E-08
6788	624615.67	4266948.1	1.02E-07	3.52E-08	1.38E-07	8.56E-08	2.64E-08	1.12E-07	2.03E-08	6.74E-09	2.70E-08	1.58E-08	3.25E-09	1.90E-08
6789	624625.56	4266948.27	1.02E-07	3.51E-08	1.37E-07	8.53E-08	2.63E-08	1.12E-07	2.02E-08	6.72E-09	2.69E-08	1.57E-08	3.24E-09	1.90E-08
6790	624635.45	4266948.45	1.02E-07	3.50E-08	1.37E-07	8.50E-08	2.62E-08	1.11E-07	2.01E-08	6.70E-09	2.68E-08	1.57E-08	3.23E-09	1.89E-08
6791	624645.34	4266948.63	1.01E-07	3.49E-08	1.36E-07	8.47E-08	2.61E-08	1.11E-07	2.01E-08	6.68E-09	2.67E-08	1.56E-08	3.22E-09	1.89E-08
6792	624655.23	4266948.8	1.01E-07	3.47E-08	1.36E-07	8.44E-08	2.60E-08	1.10E-07	2.00E-08	6.66E-09	2.66E-08	1.56E-08	3.21E-09	1.88E-08
6793	624665.12	4266948.98	1.01E-07	3.46E-08	1.35E-07	8.42E-08	2.59E-08	1.10E-07	1.99E-08	6.63E-09	2.66E-08	1.55E-08	3.20E-09	1.87E-08
6794	624675.01	4266949.16	1.00E-07	3.45E-08	1.35E-07	8.39E-08	2.58E-08	1.10E-07	1.99E-08	6.61E-09	2.65E-08	1.55E-08	3.18E-09	1.87E-08
6795	624684.9	4266949.33	1.00E-07	3.44E-08	1.34E-07	8.36E-08	2.58E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.18E-09	1.86E-08
6796	624694.79	4266949.51	9.98E-08	3.43E-08	1.34E-07	8.34E-08	2.57E-08	1.09E-07	1.98E-08	6.58E-09	2.63E-08	1.54E-08	3.17E-09	1.86E-08
6797	624704.68	4266949.69	9.96E-08	3.42E-08	1.34E-07	8.32E-08	2.56E-08	1.09E-07	1.97E-08	6.56E-09	2.63E-08	1.54E-08	3.16E-09	1.85E-08
6798	624714.57	4266949.86	9.94E-08	3.42E-08	1.34E-07	8.31E-08	2.56E-08	1.09E-07	1.97E-08	6.55E-09	2.62E-08	1.53E-08	3.15E-09	1.85E-08
6799	624724.45	4266950.04	9.92E-08	3.41E-08	1.33E-07	8.29E-08	2.55E-08	1.08E-07	1.96E-08	6.54E-09	2.62E-08	1.53E-08	3.15E-09	1.85E-08
6800	624734.34	4266950.22	9.91E-08	3.41E-08	1.33E-07	8.28E-08	2.55E-08	1.08E-07	1.96E-08	6.53E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
6801	624744.23	4266950.39	9.90E-08	3.40E-08	1.33E-07	8.27E-08	2.55E-08	1.08E-07	1.96E-08	6.52E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
6802	624754.12	4266950.57	9.89E-08	3.40E-08	1.33E-07	8.26E-08	2.55E-08	1.08E-07	1.96E-08	6.51E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
6803	624764.01	4266950.75	9.88E-08	3.40E-08	1.33E-07	8.26E-08	2.54E-08	1.08E-07	1.96E-08	6.51E-09	2.61E-08	1.52E-08	3.14E-09	1.84E-08
6804	624773.9	4266950.92	9.87E-08	3.40E-08	1.33E-07	8.25E-08	2.54E-08	1.08E-07	1.95E-08	6.51E-09	2.60E-08	1.52E-08	3.13E-09	1.84E-08
6805	624783.79	4266951.1	9.87E-08	3.39E-08	1.33E-07	8.25E-08	2.54E-08	1.08E-07	1.95E-08	6.50E-09	2.60E-08	1.52E-08	3.13E-09	1.84E-08
6806	624793.68	4266951.28	9.86E-08	3.39E-08	1.33E-07	8.24E-08	2.54E-08	1.08E-07	1.95E-08	6.50E-09	2.60E-08	1.52E-08	3.13E-09	1.83E-08
6807	624803.57	4266951.45	9.86E-08	3.39E-08	1.32E-07	8.24E-08	2.54E-08	1.08E-07	1.95E-08	6.49E-09	2.60E-08	1.52E-08	3.13E-09	1.83E-08
6808	624813.46	4266951.63	9.85E-08	3.39E-08	1.32E-07	8.23E-08	2.54E-08	1.08E-07	1.95E-08	6.49E-09	2.60E-08	1.52E-08	3.13E-09	1.83E-08
6809	624823.35	4266951.81	9.84E-08	3.38E-08	1.32E-07	8.23E-08	2.53E-08	1.08E-07	1.95E-08	6.48E-09	2.60E-08	1.52E-08	3.12E-09	1.83E-08
6810	624833.24	4266951.98	9.83E-08	3.38E-08	1.32E-07	8.22E-08	2.53E-08	1.07E-07	1.95E-08	6.48E-09	2.59E-08	1.52E-08	3.12E-09	1.83E-08
6811	624327.98	4267039.22	9.02E-08	3.10E-08	1.21E-07	7.54E-08	2.32E-08	9.87E-08	1.79E-08	5.95E-09	2.38E-08	1.39E-08	2.86E-09	1.68E-08
6812	624318.98	4267035.31	9.07E-08	3.12E-08	1.22E-07	7.58E-08	2.33E-08	9.91E-08	1.79E-08	5.97E-09	2.39E-08	1.40E-08	2.88E-09	1.69E-08
6813	624309.97	4267031.4	9.11E-08	3.13E-08	1.22E-07	7.62E-08	2.35E-08	9.96E-08	1.80E-08	6.00E-09	2.40E-08	1.41E-08	2.89E-09	1.70E-08
6814	624300.96	4267027.49	9.16E-08	3.15E-08	1.23E-07	7.65E-08	2.36E-08	1.00E-07	1.81E-08	6.03E-09	2.42E-08	1.41E-08	2.91E-09	1.70E-08
6815	624291.95	4267023.58	9.20E-08	3.16E-08	1.24E-07	7.69E-08	2.37E-08	1.01E-07	1.82E-08	6.06E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
6816	624282.95	4267019.67	9.23E-08	3.17E-08	1.24E-07	7.72E-08	2.38E-08	1.01E-07	1.83E-08	6.08E-09	2.44E-08	1.42E-08	2.93E-09	1.72E-08
6817	624273.94	4267015.75	9.27E-08	3.19E-08	1.25E-07	7.75E-08	2.39E-08	1.01E-07	1.83E-08	6.11E-09	2.44E-08	1.43E-08	2.94E-09	1.72E-08
6818	624264.93	4267011.84	9.30E-08	3.20E-08	1.25E-07	7.77E-08	2.39E-08	1.02E-07	1.84E-08	6.12E-09	2.45E-08	1.43E-08	2.95E-09	1.73E-08
6819	624255.92	4267007.93	9.33E-08	3.21E-08	1.25E-07	7.80E-08	2.40E-08	1.02E-07	1.85E-08	6.15E-09	2.46E-08	1.44E-08	2.96E-09	1.74E-08
6820	624246.92	4267004.02	9.36E-08	3.22E-08	1.26E-07	7.82E-08	2.41E-08	1.02E-07	1.85E-08	6.17E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08
6821	624237.91	4267000.11	9.38E-08	3.23E-08	1.26E-07	7.84E-08	2.42E-08	1.03E-07	1.86E-08	6.18E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
6822	624228.9	4266996.19	9.40E-08	3.23E-08	1.26E-07	7.86E-08	2.42E-08	1.03E-07	1.86E-08	6.20E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
6823	624219.89	4266992.28	9.42E-08	3.24E-08	1.27E-07	7.88E-08	2.43E-08	1.03E-07	1.87E-08	6.21E-09	2.49E-08	1.45E-08	2.99E-09	1.75E-08
6824	624210.88	4266988.37	9.44E-08	3.25E-08	1.27E-07	7.89E-08	2.43E-08	1.03E-07	1.87E-08	6.22E-09	2.49E-08	1.46E-08	3.00E-09	1.76E-08
6825	624201.88	4266984.46	9.45E-08	3.25E-08	1.27E-07	7.90E-08	2.43E-08	1.03E-07	1.87E-08	6.23E-09	2.49E-08	1.46E-08	3.00E-09	1.76E-08
6826	624192.87	4266980.55	9.46E-08	3.25E-08	1.27E-07	7.91E-08	2.43E-08	1.03E-07	1.87E-08	6.23E-09	2.50E-08	1.46E-08	3.00E-09	1.76E-08
6827	624183.86	4266976.64	9.46E-08	3.25E-08	1.27E-07	7.91E-08	2.44E-08	1.03E-07	1.87E-08	6.23E-09	2.50E-08	1.46E-08	3.00E-09	1.76E-08
6828	624174.85	4266972.72	9.47E-08	3.25E-08	1.27E-07	7.91E-08	2.44E-08	1.03E-07	1.87E-08	6.24E-09	2.50E-08	1.46E-08	3.00E-09	1.76E-08
6829	624165.85	4266968.81	9.47E-08	3.25E-08	1.27E-07	7.91E-08	2.44E-08	1.03E-07	1.87E-08	6.24E-09	2.50E-08	1.46E-08	3.00E-09	1.76E-08
6830	624156.84	4266964.9	9.46E-08	3.25E-08	1.27E-07	7.91E-08	2.44E-08	1.03E-07	1.87E-08	6.23E-09	2.50E-08	1.46E-08	3.00E-09	1.76E-08
6831	624147.83	4266960.99	9.46E-08	3.25E-08	1.27E-07	7.91E-08	2.44E-08	1.03E-07	1.87E-08	6.23E-09	2.50E-08	1.46E-08	3.00E-09	1.76E-08
6832	624138.82	4266957.08	9.46E-08	3.25E-08	1.27E-07	7.90E-08	2.43E-08	1.03E-07	1.87E-08	6.23E-09	2.49E-08	1.46E-08	3.00E-09	1.76E-08
6833	624129.82	4266953.16	9.45E-08	3.25E-08	1.27E-07	7.90E-08	2.43E-08	1.03E-07	1.87E-08	6.23E-09	2.49E-08	1.46E-08	3.00E-09	1.76E-08
6834	624120.81	4266949.25	9.45E-08	3.25E-08	1.27E-07	7.90E-08	2.43E-08	1.03E-07	1.87E-08	6.22E-09	2.49E-08	1.46E-08	3.00E-09	1.76E-08
6835	623742.49	4266784.96	7.34E-08	2.52E-08	9.86E-08	6.13E-08	1.89E-08	8.02E-08	1.45E-08	4.83E-09	1.94E-08	1.13E-08	2.33E-09	1.36E-08
6836	623733.48	4266781.04	7.25E-08	2.49E-08	9.74E-08	6.06E-08	1.87E-08	7.92E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08

6837	623724.48	4266777.13	7.16E-08	2.46E-08	9.62E-08	5.98E-08	1.84E-08	7.83E-08	1.42E-08	4.72E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
6838	623715.47	4266773.22	7.07E-08	2.43E-08	9.50E-08	5.91E-08	1.82E-08	7.73E-08	1.40E-08	4.66E-09	1.87E-08	1.09E-08	2.24E-09	1.32E-08
6839	623702.84	4266760.18	6.97E-08	2.40E-08	9.37E-08	5.83E-08	1.80E-08	7.62E-08	1.38E-08	4.59E-09	1.84E-08	1.08E-08	2.21E-09	1.30E-08
6840	623699.22	4266751.05	6.96E-08	2.39E-08	9.36E-08	5.82E-08	1.79E-08	7.61E-08	1.38E-08	4.59E-09	1.84E-08	1.07E-08	2.21E-09	1.30E-08
6841	623695.61	4266741.92	6.95E-08	2.39E-08	9.34E-08	5.81E-08	1.79E-08	7.60E-08	1.38E-08	4.58E-09	1.83E-08	1.07E-08	2.21E-09	1.29E-08
6842	623691.99	4266732.79	6.94E-08	2.39E-08	9.32E-08	5.80E-08	1.79E-08	7.58E-08	1.37E-08	4.57E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
6843	623688.37	4266723.66	6.93E-08	2.38E-08	9.31E-08	5.79E-08	1.78E-08	7.57E-08	1.37E-08	4.56E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
6844	623684.75	4266714.53	6.91E-08	2.38E-08	9.29E-08	5.78E-08	1.78E-08	7.56E-08	1.37E-08	4.55E-09	1.82E-08	1.07E-08	2.19E-09	1.29E-08
6845	623681.13	4266705.4	6.90E-08	2.37E-08	9.27E-08	5.77E-08	1.78E-08	7.55E-08	1.37E-08	4.55E-09	1.82E-08	1.06E-08	2.19E-09	1.28E-08
6846	623677.51	4266696.27	6.89E-08	2.37E-08	9.26E-08	5.76E-08	1.77E-08	7.53E-08	1.36E-08	4.54E-09	1.82E-08	1.06E-08	2.19E-09	1.28E-08
6847	623673.89	4266687.14	6.88E-08	2.37E-08	9.24E-08	5.75E-08	1.77E-08	7.52E-08	1.36E-08	4.53E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
6848	623670.28	4266678.02	6.87E-08	2.36E-08	9.23E-08	5.74E-08	1.77E-08	7.51E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
6849	623666.66	4266668.89	6.86E-08	2.36E-08	9.21E-08	5.73E-08	1.77E-08	7.50E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
6850	623663.04	4266659.76	6.85E-08	2.35E-08	9.20E-08	5.72E-08	1.76E-08	7.48E-08	1.35E-08	4.51E-09	1.81E-08	1.06E-08	2.17E-09	1.27E-08
6851	623659.42	4266650.63	6.83E-08	2.35E-08	9.18E-08	5.71E-08	1.76E-08	7.47E-08	1.35E-08	4.50E-09	1.80E-08	1.05E-08	2.17E-09	1.27E-08
6852	623655.8	4266641.5	6.82E-08	2.35E-08	9.17E-08	5.70E-08	1.76E-08	7.46E-08	1.35E-08	4.50E-09	1.80E-08	1.05E-08	2.17E-09	1.27E-08
6853	623652.18	4266632.37	6.81E-08	2.34E-08	9.16E-08	5.70E-08	1.75E-08	7.45E-08	1.35E-08	4.49E-09	1.80E-08	1.05E-08	2.16E-09	1.27E-08
6854	623648.56	4266623.24	6.80E-08	2.34E-08	9.14E-08	5.69E-08	1.75E-08	7.44E-08	1.35E-08	4.48E-09	1.80E-08	1.05E-08	2.16E-09	1.27E-08
6855	623644.94	4266614.11	6.80E-08	2.34E-08	9.13E-08	5.68E-08	1.75E-08	7.43E-08	1.35E-08	4.48E-09	1.79E-08	1.05E-08	2.16E-09	1.26E-08
6856	623641.33	4266604.98	6.79E-08	2.33E-08	9.12E-08	5.67E-08	1.75E-08	7.42E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
6857	623637.71	4266595.85	6.78E-08	2.33E-08	9.11E-08	5.67E-08	1.75E-08	7.41E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
6858	623634.09	4266586.72	6.77E-08	2.33E-08	9.10E-08	5.66E-08	1.74E-08	7.41E-08	1.34E-08	4.46E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
6859	623630.47	4266577.59	6.77E-08	2.33E-08	9.10E-08	5.66E-08	1.74E-08	7.40E-08	1.34E-08	4.46E-09	1.79E-08	1.04E-08	2.15E-09	1.26E-08
6860	623626.85	4266568.46	6.77E-08	2.33E-08	9.10E-08	5.66E-08	1.74E-08	7.40E-08	1.34E-08	4.46E-09	1.79E-08	1.04E-08	2.15E-09	1.26E-08
6861	623623.23	4266559.34	6.77E-08	2.33E-08	9.09E-08	5.66E-08	1.74E-08	7.40E-08	1.34E-08	4.46E-09	1.79E-08	1.04E-08	2.15E-09	1.26E-08
6862	623619.61	4266550.21	6.77E-08	2.33E-08	9.09E-08	5.66E-08	1.74E-08	7.40E-08	1.34E-08	4.46E-09	1.79E-08	1.04E-08	2.15E-09	1.26E-08
6863	624336.99	4267043.14	8.98E-08	3.09E-08	1.21E-07	7.50E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
6864	624346.88	4267043.31	8.98E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
6865	624356.77	4267043.49	8.98E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
6866	624366.66	4267043.67	8.98E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
6867	624376.55	4267043.84	8.99E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
6868	624386.44	4267044.02	8.99E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
6869	624396.33	4267044.2	8.99E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
6870	624406.21	4267044.37	8.99E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
6871	624416.1	4267044.55	8.99E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
6872	624425.99	4267044.73	8.98E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
6873	624435.88	4267044.9	8.98E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
6874	624445.77	4267045.08	8.98E-08	3.09E-08	1.21E-07	7.50E-08	2.31E-08	9.81E-08	1.78E-08	5.91E-09	2.37E-08	1.38E-08	2.85E-09	1.67E-08
6875	624455.66	4267045.26	8.97E-08	3.08E-08	1.21E-07	7.50E-08	2.31E-08	9.81E-08	1.78E-08	5.91E-09	2.37E-08	1.38E-08	2.85E-09	1.67E-08
6876	624465.55	4267045.43	8.96E-08	3.08E-08	1.20E-07	7.49E-08	2.31E-08	9.80E-08	1.77E-08	5.90E-09	2.36E-08	1.38E-08	2.84E-09	1.67E-08
6877	624475.44	4267045.61	8.95E-08	3.08E-08	1.20E-07	7.48E-08	2.30E-08	9.79E-08	1.77E-08	5.90E-09	2.36E-08	1.38E-08	2.84E-09	1.67E-08
6878	624485.33	4267045.79	8.94E-08	3.07E-08	1.20E-07	7.47E-08	2.30E-08	9.77E-08	1.77E-08	5.89E-09	2.36E-08	1.38E-08	2.84E-09	1.66E-08
6879	624495.22	4267045.96	8.93E-08	3.07E-08	1.20E-07	7.46E-08	2.30E-08	9.76E-08	1.77E-08	5.88E-09	2.35E-08	1.38E-08	2.83E-09	1.66E-08
6880	624505.11	4267046.14	8.91E-08	3.06E-08	1.20E-07	7.45E-08	2.29E-08	9.74E-08	1.76E-08	5.87E-09	2.35E-08	1.37E-08	2.83E-09	1.66E-08
6881	624515	4267046.32	8.89E-08	3.06E-08	1.19E-07	7.43E-08	2.29E-08	9.72E-08	1.76E-08	5.86E-09	2.35E-08	1.37E-08	2.82E-09	1.65E-08
6882	624524.89	4267046.49	8.87E-08	3.05E-08	1.19E-07	7.41E-08	2.28E-08	9.70E-08	1.76E-08	5.84E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
6883	624534.77	4267046.67	8.85E-08	3.04E-08	1.19E-07	7.39E-08	2.28E-08	9.67E-08	1.75E-08	5.83E-09	2.33E-08	1.37E-08	2.81E-09	1.65E-08
6884	624544.66	4267046.85	8.82E-08	3.03E-08	1.19E-07	7.37E-08	2.27E-08	9.64E-08	1.75E-08	5.81E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
6885	624554.55	4267047.02	8.79E-08	3.02E-08	1.18E-07	7.35E-08	2.26E-08	9.61E-08	1.74E-08	5.79E-09	2.32E-08	1.36E-08	2.79E-09	1.64E-08
6886	624564.44	4267047.2	8.76E-08	3.01E-08	1.18E-07	7.33E-08	2.26E-08	9.58E-08	1.73E-08	5.77E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
6887	624574.33	4267047.37	8.73E-08	3.00E-08	1.17E-07	7.30E-08	2.25E-08	9.55E-08	1.73E-08	5.75E-09	2.30E-08	1.35E-08	2.77E-09	1.62E-08
6888	624584.22	4267047.55	8.70E-08	2.99E-08	1.17E-07	7.27E-08	2.24E-08	9.51E-08	1.72E-08	5.73E-09	2.30E-08	1.34E-08	2.76E-09	1.62E-08
6889	624594.11	4267047.73	8.67E-08	2.98E-08	1.17E-07	7.25E-08	2.23E-08	9.48E-08	1.72E-08	5.71E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
6890	624604	4267047.9	8.64E-08	2.97E-08	1.16E-07	7.22E-08	2.22E-08	9.44E-08	1.71E-08	5.69E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
6891	624613.89	4267048.08	8.60E-08	2.96E-08	1.16E-07	7.19E-08	2.21E-08	9.40E-08	1.70E-08	5.67E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
6892	624623.78	4267048.26	8.57E-08	2.95E-08	1.15E-07	7.16E-08	2.21E-08	9.37E-08	1.70E-08	5.65E-09	2.26E-08	1.32E-08	2.72E-09	1.59E-08
6893	624633.67	4267048.43	8.54E-08	2.94E-08	1.15E-07	7.14E-08	2.20E-08	9.34E-08	1.69E-08	5.63E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08
6894	624643.56	4267048.61	8.51E-08	2.93E-08	1.14E-07	7.11E-08	2.19E-08	9.30E-08	1.68E-08	5.61E-09	2.24E-08	1.31E-08	2.70E-09	1.58E-08
6895	624653.44	4267048.79	8.48E-08	2.92E-08	1.14E-07	7.09E-08	2.18E-08	9.27E-08	1.68E-08	5.59E-09	2.24E-08	1.31E-08	2.69E-09	1.58E-08
6896	624663.33	4267048.96	8.45E-08	2.91E-08	1.14E-07	7.07E-08	2.18E-08	9.24E-08	1.67E-08	5.57E-09	2.23E-08	1.30E-08	2.68E-09	1.57E-08
6897	624673.22	4267049.14	8.43E-08	2.90E-08	1.13E-07	7.05E-08	2.17E-08	9.22E-08	1.67E-08	5.55E-09	2.22E-08	1.30E-08	2.68E-09	1.57E-08
6898	624683.11	4267049.32	8.41E-08	2.89E-08	1.13E-07	7.03E-08	2.16E-08	9.19E-08	1.66E-08	5.54E-09	2.22E-08	1.30E-08	2.67E-09	1.56E-08
6899	624693	4267049.49	8.39E-08	2.88E-08	1.13E-07	7.01E-08	2.16E-08	9.17E-08	1.66E-08	5.53E-09	2.21E-08	1.29E-08	2.66E-09	1.56E-08
6900	624702.89	4267049.67	8.37E-08	2.88E-08	1.12E-07	7.00E-08	2.15E-08	9.15E-08	1.66E-08	5.51E-09	2.21E-08	1.29E-08	2.66E-09	1.56E-08
6901	624712.78	4267049.85	8.35E-08	2.87E-08	1.12E-07	6.98E-08	2.15E-08	9.13E-08	1.65E-08	5.50E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
6902	624722.67	4267050.02	8.34E-08	2.87E-08	1.12E-07	6.97E-08	2.15E-08	9.12E-08	1.65E-08	5.50E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
6903	624732.56	4267050.2	8.33E-08	2.86E-08	1.12E-07	6.96E-08	2.14E-08	9.11E-08	1.65E-08	5.49E-09	2.20E-08	1.29E-08	2.64E-09	1.55E-08
6904	624742.45	4267050.38	8.32E-08	2.86E-08	1.12E-07	6.96E-08	2.14E-08	9.10E-08	1.65E-08	5.48E-09	2.20E-08	1.28E-08	2.64E-09	1.55E-08
6905	624752.34	4267050.55	8.32E-08	2.86E-08	1.12E-07	6.95E-08	2.14E-08	9.09E-08	1.65E-08	5.48E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
6906	624762.23	4267050.73	8.31E-08	2.86E-08	1.12E-07	6.95E-08	2.14E-08	9.09E-08	1.65E-08	5.48E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
6907	624772.12	4267050.91	8.31E-08	2.86E-08	1.12E-07	6.95E-08	2.14E-08	9.09E-08	1.64E-08	5.48E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
6908	624782	4267051.08	8.31E-08	2.86E-08	1.12E-07	6.95E-08	2.14E-08	9.08E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08

6909	624791.89	4267051.26	8.31E-08	2.86E-08	1.12E-07	6.94E-08	2.14E-08	9.08E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
6910	624801.78	4267051.44	8.31E-08	2.86E-08	1.12E-07	6.94E-08	2.14E-08	9.08E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
6911	624811.67	4267051.61	8.31E-08	2.86E-08	1.12E-07	6.94E-08	2.14E-08	9.08E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
6912	624821.56	4267051.79	8.31E-08	2.86E-08	1.12E-07	6.94E-08	2.14E-08	9.08E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
6913	624831.45	4267051.97	8.31E-08	2.86E-08	1.12E-07	6.94E-08	2.14E-08	9.08E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
6914	624326.22	4267139.22	7.88E-08	2.71E-08	1.06E-07	6.59E-08	2.03E-08	8.62E-08	1.56E-08	5.19E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
6915	624317.24	4267135.32	7.92E-08	2.72E-08	1.06E-07	6.62E-08	2.04E-08	8.66E-08	1.57E-08	5.22E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
6916	624308.26	4267131.42	7.95E-08	2.73E-08	1.07E-07	6.65E-08	2.05E-08	8.69E-08	1.57E-08	5.24E-09	2.10E-08	1.23E-08	2.52E-09	1.48E-08
6917	624299.28	4267127.52	7.98E-08	2.75E-08	1.07E-07	6.67E-08	2.06E-08	8.73E-08	1.58E-08	5.26E-09	2.11E-08	1.23E-08	2.53E-09	1.49E-08
6918	624290.3	4267123.62	8.02E-08	2.76E-08	1.08E-07	6.70E-08	2.06E-08	8.76E-08	1.59E-08	5.28E-09	2.11E-08	1.24E-08	2.54E-09	1.49E-08
6919	624281.31	4267119.72	8.05E-08	2.77E-08	1.08E-07	6.72E-08	2.07E-08	8.80E-08	1.59E-08	5.30E-09	2.12E-08	1.24E-08	2.55E-09	1.50E-08
6920	624272.33	4267115.82	8.07E-08	2.78E-08	1.09E-07	6.75E-08	2.08E-08	8.83E-08	1.60E-08	5.32E-09	2.13E-08	1.25E-08	2.56E-09	1.50E-08
6921	624263.35	4267111.92	8.10E-08	2.79E-08	1.09E-07	6.77E-08	2.09E-08	8.86E-08	1.60E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
6922	624254.37	4267108.01	8.12E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.88E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
6923	624245.39	4267104.11	8.15E-08	2.80E-08	1.09E-07	6.81E-08	2.10E-08	8.91E-08	1.61E-08	5.37E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
6924	624236.4	4267100.21	8.17E-08	2.81E-08	1.10E-07	6.83E-08	2.10E-08	8.93E-08	1.62E-08	5.38E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
6925	624227.42	4267096.31	8.19E-08	2.82E-08	1.10E-07	6.84E-08	2.11E-08	8.95E-08	1.62E-08	5.39E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
6926	624218.44	4267092.41	8.20E-08	2.82E-08	1.10E-07	6.86E-08	2.11E-08	8.97E-08	1.62E-08	5.41E-09	2.16E-08	1.27E-08	2.60E-09	1.53E-08
6927	624209.46	4267088.51	8.22E-08	2.83E-08	1.10E-07	6.87E-08	2.12E-08	8.99E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
6928	624200.48	4267084.61	8.23E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	9.00E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
6929	624191.49	4267080.71	8.24E-08	2.83E-08	1.11E-07	6.89E-08	2.12E-08	9.01E-08	1.63E-08	5.43E-09	2.17E-08	1.27E-08	2.62E-09	1.53E-08
6930	624182.51	4267076.81	8.25E-08	2.84E-08	1.11E-07	6.89E-08	2.12E-08	9.02E-08	1.63E-08	5.43E-09	2.18E-08	1.27E-08	2.62E-09	1.53E-08
6931	624173.53	4267072.91	8.25E-08	2.84E-08	1.11E-07	6.90E-08	2.13E-08	9.02E-08	1.63E-08	5.44E-09	2.18E-08	1.27E-08	2.62E-09	1.54E-08
6932	624164.55	4267069.01	8.26E-08	2.84E-08	1.11E-07	6.90E-08	2.13E-08	9.03E-08	1.63E-08	5.44E-09	2.18E-08	1.27E-08	2.62E-09	1.54E-08
6933	624335.2	4267143.12	7.85E-08	2.70E-08	1.06E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6934	624345.09	4267143.3	7.85E-08	2.70E-08	1.06E-07	6.56E-08	2.02E-08	8.59E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6935	624354.98	4267143.47	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.59E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6936	624364.87	4267143.65	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.59E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6937	624374.76	4267143.83	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.59E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6938	624384.65	4267144	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.60E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.50E-09	1.46E-08
6939	624394.54	4267144.18	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.59E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6940	624404.43	4267144.36	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.59E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6941	624414.32	4267144.53	7.86E-08	2.70E-08	1.06E-07	6.57E-08	2.02E-08	8.59E-08	1.56E-08	5.18E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6942	624424.21	4267144.71	7.85E-08	2.70E-08	1.06E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6943	624434.1	4267144.89	7.84E-08	2.70E-08	1.05E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6944	624443.99	4267145.06	7.84E-08	2.69E-08	1.05E-07	6.55E-08	2.02E-08	8.57E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
6945	624453.88	4267145.24	7.82E-08	2.69E-08	1.05E-07	6.54E-08	2.01E-08	8.55E-08	1.55E-08	5.15E-09	2.06E-08	1.21E-08	2.48E-09	1.46E-08
6946	624463.76	4267145.42	7.81E-08	2.69E-08	1.05E-07	6.53E-08	2.01E-08	8.54E-08	1.55E-08	5.14E-09	2.06E-08	1.20E-08	2.48E-09	1.45E-08
6947	624473.65	4267145.59	7.79E-08	2.68E-08	1.05E-07	6.51E-08	2.01E-08	8.52E-08	1.54E-08	5.13E-09	2.06E-08	1.20E-08	2.47E-09	1.45E-08
6948	624483.54	4267145.77	7.77E-08	2.67E-08	1.04E-07	6.50E-08	2.00E-08	8.50E-08	1.54E-08	5.12E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
6949	624493.43	4267145.95	7.75E-08	2.66E-08	1.04E-07	6.48E-08	1.99E-08	8.47E-08	1.53E-08	5.11E-09	2.04E-08	1.20E-08	2.46E-09	1.44E-08
6950	624503.32	4267146.12	7.72E-08	2.66E-08	1.04E-07	6.46E-08	1.99E-08	8.44E-08	1.53E-08	5.09E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
6951	624513.21	4267146.3	7.70E-08	2.65E-08	1.03E-07	6.43E-08	1.98E-08	8.41E-08	1.52E-08	5.07E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
6952	624523.1	4267146.48	7.67E-08	2.64E-08	1.03E-07	6.41E-08	1.97E-08	8.38E-08	1.52E-08	5.05E-09	2.02E-08	1.18E-08	2.43E-09	1.43E-08
6953	624532.99	4267146.65	7.63E-08	2.63E-08	1.03E-07	6.38E-08	1.97E-08	8.35E-08	1.51E-08	5.03E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
6954	624542.88	4267146.83	7.60E-08	2.61E-08	1.02E-07	6.35E-08	1.96E-08	8.31E-08	1.50E-08	5.01E-09	2.01E-08	1.17E-08	2.41E-09	1.41E-08
6955	624552.77	4267147.01	7.57E-08	2.60E-08	1.02E-07	6.33E-08	1.95E-08	8.27E-08	1.50E-08	4.99E-09	2.00E-08	1.17E-08	2.40E-09	1.41E-08
6956	624562.66	4267147.18	7.53E-08	2.59E-08	1.01E-07	6.30E-08	1.94E-08	8.24E-08	1.49E-08	4.96E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
6957	624572.55	4267147.36	7.50E-08	2.58E-08	1.01E-07	6.27E-08	1.93E-08	8.20E-08	1.48E-08	4.94E-09	1.98E-08	1.16E-08	2.38E-09	1.40E-08
6958	624582.43	4267147.54	7.46E-08	2.57E-08	1.00E-07	6.24E-08	1.92E-08	8.16E-08	1.48E-08	4.92E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
6959	624592.32	4267147.71	7.43E-08	2.55E-08	9.98E-08	6.21E-08	1.91E-08	8.12E-08	1.47E-08	4.90E-09	1.96E-08	1.15E-08	2.36E-09	1.38E-08
6960	624602.21	4267147.89	7.40E-08	2.54E-08	9.94E-08	6.18E-08	1.90E-08	8.09E-08	1.46E-08	4.87E-09	1.95E-08	1.14E-08	2.35E-09	1.38E-08
6961	624612.1	4267148.07	7.36E-08	2.53E-08	9.90E-08	6.16E-08	1.90E-08	8.05E-08	1.46E-08	4.85E-09	1.94E-08	1.14E-08	2.34E-09	1.37E-08
6962	624621.99	4267148.24	7.33E-08	2.52E-08	9.86E-08	6.13E-08	1.89E-08	8.02E-08	1.45E-08	4.83E-09	1.93E-08	1.13E-08	2.33E-09	1.36E-08
6963	624631.88	4267148.42	7.30E-08	2.51E-08	9.82E-08	6.11E-08	1.88E-08	7.99E-08	1.45E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
6964	624641.77	4267148.6	7.28E-08	2.50E-08	9.78E-08	6.08E-08	1.87E-08	7.96E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
6965	624651.66	4267148.77	7.25E-08	2.49E-08	9.75E-08	6.06E-08	1.87E-08	7.93E-08	1.44E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
6966	624661.55	4267148.95	7.23E-08	2.49E-08	9.72E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.12E-08	2.29E-09	1.34E-08
6967	624671.44	4267149.12	7.21E-08	2.48E-08	9.69E-08	6.03E-08	1.86E-08	7.88E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
6968	624681.33	4267149.3	7.19E-08	2.47E-08	9.66E-08	6.01E-08	1.85E-08	7.86E-08	1.42E-08	4.74E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
6969	624691.22	4267149.48	7.17E-08	2.47E-08	9.64E-08	6.00E-08	1.85E-08	7.84E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.33E-08
6970	624701.11	4267149.65	7.16E-08	2.46E-08	9.62E-08	5.99E-08	1.84E-08	7.83E-08	1.42E-08	4.72E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
6971	624710.99	4267149.83	7.15E-08	2.46E-08	9.61E-08	5.98E-08	1.84E-08	7.82E-08	1.42E-08	4.71E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
6972	624720.88	4267150.01	7.14E-08	2.46E-08	9.60E-08	5.97E-08	1.84E-08	7.81E-08	1.41E-08	4.71E-09	1.88E-08	1.10E-08	2.27E-09	1.33E-08
6973	624730.77	4267150.18	7.14E-08	2.45E-08	9.59E-08	5.96E-08	1.84E-08	7.80E-08	1.41E-08	4.70E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
6974	624740.66	4267150.36	7.13E-08	2.45E-08	9.58E-08	5.96E-08	1.84E-08	7.80E-08	1.41E-08	4.70E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
6975	624750.55	4267150.54	7.13E-08	2.45E-08	9.58E-08	5.96E-08	1.84E-08	7.79E-08	1.41E-08	4.70E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
6976	624760.44	4267150.71	7.12E-08	2.45E-08	9.57E-08	5.96E-08	1.83E-08	7.79E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
6977	624770.33	4267150.89	7.12E-08	2.45E-08	9.57E-08	5.95E-08	1.83E-08	7.79E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
6978	624780.22	4267151.07	7.12E-08	2.45E-08	9.57E-08	5.95E-08	1.83E-08	7.79E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.32E-08
6979	624790.11	4267151.24	7.12E-08	2.45E-08	9.57E-08	5.95E-08	1.83E-08	7.79E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.32E-08
6980	624800	4267151.42	7.12E-08	2.45E-08	9.57E-08	5.95E-08	1.83E-08	7.79E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.32E-08

6981	624809.89	4267151.6	7.12E-08	2.45E-08	9.57E-08	5.95E-08	1.83E-08	7.79E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.32E-08
6982	624819.78	4267151.77	7.12E-08	2.45E-08	9.57E-08	5.95E-08	1.83E-08	7.79E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
6983	624829.66	4267151.95	7.12E-08	2.45E-08	9.57E-08	5.95E-08	1.83E-08	7.79E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
6984	624070.49	4267128.92	7.28E-08	2.50E-08	9.78E-08	6.08E-08	1.87E-08	7.96E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
6985	624061.43	4267124.98	7.28E-08	2.50E-08	9.79E-08	6.09E-08	1.88E-08	7.96E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
6986	624052.36	4267121.05	7.29E-08	2.51E-08	9.79E-08	6.09E-08	1.88E-08	7.97E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.36E-08
6987	624043.29	4267117.11	7.29E-08	2.51E-08	9.80E-08	6.10E-08	1.88E-08	7.98E-08	1.44E-08	4.81E-09	1.92E-08	1.13E-08	2.32E-09	1.36E-08
6988	624034.23	4267113.17	7.30E-08	2.51E-08	9.81E-08	6.10E-08	1.88E-08	7.98E-08	1.45E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
6989	624025.16	4267109.23	7.31E-08	2.51E-08	9.83E-08	6.11E-08	1.88E-08	7.99E-08	1.45E-08	4.82E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
6990	624016.09	4267105.3	7.32E-08	2.52E-08	9.84E-08	6.12E-08	1.89E-08	8.01E-08	1.45E-08	4.82E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
6991	624007.03	4267101.36	7.34E-08	2.52E-08	9.86E-08	6.13E-08	1.89E-08	8.02E-08	1.45E-08	4.83E-09	1.94E-08	1.13E-08	2.33E-09	1.36E-08
6992	623997.96	4267097.42	7.35E-08	2.53E-08	9.87E-08	6.14E-08	1.89E-08	8.03E-08	1.45E-08	4.84E-09	1.94E-08	1.13E-08	2.33E-09	1.37E-08
6993	623988.9	4267093.48	7.36E-08	2.53E-08	9.89E-08	6.15E-08	1.90E-08	8.05E-08	1.46E-08	4.85E-09	1.94E-08	1.14E-08	2.34E-09	1.37E-08
6994	623979.83	4267089.55	7.37E-08	2.54E-08	9.91E-08	6.16E-08	1.90E-08	8.06E-08	1.46E-08	4.86E-09	1.95E-08	1.14E-08	2.34E-09	1.37E-08
6995	623970.76	4267085.61	7.39E-08	2.54E-08	9.93E-08	6.18E-08	1.90E-08	8.08E-08	1.46E-08	4.87E-09	1.95E-08	1.14E-08	2.34E-09	1.37E-08
6996	623961.7	4267081.67	7.40E-08	2.54E-08	9.94E-08	6.18E-08	1.90E-08	8.09E-08	1.46E-08	4.87E-09	1.95E-08	1.14E-08	2.35E-09	1.38E-08
6997	623952.63	4267077.73	7.41E-08	2.55E-08	9.95E-08	6.19E-08	1.91E-08	8.10E-08	1.47E-08	4.88E-09	1.95E-08	1.14E-08	2.35E-09	1.38E-08
6998	623943.56	4267073.8	7.41E-08	2.55E-08	9.96E-08	6.20E-08	1.91E-08	8.11E-08	1.47E-08	4.88E-09	1.96E-08	1.14E-08	2.35E-09	1.38E-08
6999	623934.5	4267069.86	7.42E-08	2.55E-08	9.97E-08	6.20E-08	1.91E-08	8.11E-08	1.47E-08	4.89E-09	1.96E-08	1.14E-08	2.35E-09	1.38E-08
7000	623925.43	4267065.92	7.42E-08	2.55E-08	9.97E-08	6.20E-08	1.91E-08	8.11E-08	1.47E-08	4.89E-09	1.96E-08	1.15E-08	2.36E-09	1.38E-08
7001	623916.36	4267061.98	7.42E-08	2.55E-08	9.97E-08	6.20E-08	1.91E-08	8.11E-08	1.47E-08	4.89E-09	1.96E-08	1.15E-08	2.36E-09	1.38E-08
7002	623907.3	4267058.05	7.42E-08	2.55E-08	9.97E-08	6.20E-08	1.91E-08	8.11E-08	1.47E-08	4.89E-09	1.96E-08	1.14E-08	2.35E-09	1.38E-08
7003	623898.23	4267054.11	7.41E-08	2.55E-08	9.96E-08	6.19E-08	1.91E-08	8.10E-08	1.47E-08	4.88E-09	1.96E-08	1.14E-08	2.35E-09	1.38E-08
7004	623889.17	4267050.17	7.40E-08	2.54E-08	9.94E-08	6.19E-08	1.91E-08	8.09E-08	1.46E-08	4.88E-09	1.95E-08	1.14E-08	2.35E-09	1.38E-08
7005	623880.1	4267046.23	7.39E-08	2.54E-08	9.92E-08	6.17E-08	1.90E-08	8.07E-08	1.46E-08	4.87E-09	1.95E-08	1.14E-08	2.34E-09	1.37E-08
7006	623871.03	4267042.3	7.37E-08	2.53E-08	9.90E-08	6.16E-08	1.90E-08	8.05E-08	1.46E-08	4.85E-09	1.94E-08	1.14E-08	2.34E-09	1.37E-08
7007	623861.97	4267038.36	7.34E-08	2.52E-08	9.87E-08	6.14E-08	1.89E-08	8.03E-08	1.45E-08	4.84E-09	1.94E-08	1.13E-08	2.33E-09	1.37E-08
7008	623852.9	4267034.42	7.32E-08	2.52E-08	9.83E-08	6.11E-08	1.88E-08	8.00E-08	1.45E-08	4.82E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
7009	623843.83	4267030.49	7.28E-08	2.50E-08	9.79E-08	6.09E-08	1.88E-08	7.96E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.36E-08
7010	623834.77	4267026.55	7.25E-08	2.49E-08	9.74E-08	6.06E-08	1.87E-08	7.93E-08	1.43E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
7011	624620.21	4267248.23	6.37E-08	2.19E-08	8.56E-08	5.33E-08	1.64E-08	6.97E-08	1.26E-08	4.20E-09	1.68E-08	9.83E-09	2.02E-09	1.19E-08
7012	624630.1	4267248.4	6.35E-08	2.18E-08	8.53E-08	5.30E-08	1.63E-08	6.94E-08	1.26E-08	4.18E-09	1.67E-08	9.79E-09	2.01E-09	1.18E-08
7013	624639.98	4267248.58	6.32E-08	2.17E-08	8.50E-08	5.28E-08	1.63E-08	6.91E-08	1.25E-08	4.17E-09	1.67E-08	9.76E-09	2.01E-09	1.18E-08
7014	624649.87	4267248.76	6.30E-08	2.17E-08	8.47E-08	5.27E-08	1.62E-08	6.89E-08	1.25E-08	4.15E-09	1.66E-08	9.72E-09	2.00E-09	1.17E-08
7015	624659.76	4267248.93	6.28E-08	2.16E-08	8.44E-08	5.25E-08	1.62E-08	6.87E-08	1.24E-08	4.14E-09	1.66E-08	9.69E-09	1.99E-09	1.17E-08
7016	624669.65	4267249.11	6.27E-08	2.15E-08	8.42E-08	5.24E-08	1.61E-08	6.85E-08	1.24E-08	4.13E-09	1.65E-08	9.67E-09	1.99E-09	1.17E-08
7017	624679.54	4267249.29	6.25E-08	2.15E-08	8.40E-08	5.23E-08	1.61E-08	6.83E-08	1.24E-08	4.12E-09	1.65E-08	9.65E-09	1.98E-09	1.16E-08
7018	624689.43	4267249.46	6.24E-08	2.15E-08	8.38E-08	5.21E-08	1.61E-08	6.82E-08	1.23E-08	4.11E-09	1.65E-08	9.63E-09	1.98E-09	1.16E-08
7019	624699.32	4267249.64	6.23E-08	2.14E-08	8.37E-08	5.21E-08	1.60E-08	6.81E-08	1.23E-08	4.10E-09	1.64E-08	9.61E-09	1.98E-09	1.16E-08
7020	624709.21	4267249.82	6.22E-08	2.14E-08	8.36E-08	5.20E-08	1.60E-08	6.80E-08	1.23E-08	4.10E-09	1.64E-08	9.60E-09	1.97E-09	1.16E-08
7021	624719.1	4267249.99	6.21E-08	2.14E-08	8.35E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.59E-09	1.97E-09	1.16E-08
7022	624728.99	4267250.17	6.21E-08	2.13E-08	8.34E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.58E-09	1.97E-09	1.15E-08
7023	624738.88	4267250.35	6.20E-08	2.13E-08	8.33E-08	5.18E-08	1.60E-08	6.78E-08	1.23E-08	4.09E-09	1.64E-08	9.57E-09	1.97E-09	1.15E-08
7024	624748.77	4267250.52	6.20E-08	2.13E-08	8.33E-08	5.18E-08	1.60E-08	6.78E-08	1.23E-08	4.08E-09	1.64E-08	9.57E-09	1.97E-09	1.15E-08
7025	624758.66	4267250.7	6.20E-08	2.13E-08	8.33E-08	5.18E-08	1.60E-08	6.78E-08	1.23E-08	4.08E-09	1.64E-08	9.56E-09	1.97E-09	1.15E-08
7026	624768.54	4267250.88	6.20E-08	2.13E-08	8.33E-08	5.18E-08	1.60E-08	6.78E-08	1.23E-08	4.08E-09	1.64E-08	9.56E-09	1.97E-09	1.15E-08
7027	624778.43	4267251.05	6.20E-08	2.13E-08	8.33E-08	5.18E-08	1.60E-08	6.78E-08	1.23E-08	4.08E-09	1.64E-08	9.56E-09	1.97E-09	1.15E-08
7028	624788.32	4267251.23	6.20E-08	2.13E-08	8.33E-08	5.18E-08	1.60E-08	6.78E-08	1.23E-08	4.08E-09	1.64E-08	9.56E-09	1.97E-09	1.15E-08
7029	624798.21	4267251.4	6.20E-08	2.13E-08	8.33E-08	5.18E-08	1.60E-08	6.78E-08	1.23E-08	4.08E-09	1.64E-08	9.56E-09	1.97E-09	1.15E-08
7030	624808.1	4267251.58	6.20E-08	2.13E-08	8.33E-08	5.18E-08	1.60E-08	6.78E-08	1.23E-08	4.08E-09	1.64E-08	9.56E-09	1.97E-09	1.15E-08
7031	624817.99	4267251.76	6.20E-08	2.13E-08	8.33E-08	5.18E-08	1.60E-08	6.78E-08	1.23E-08	4.08E-09	1.64E-08	9.56E-09	1.97E-09	1.15E-08
7032	624827.88	4267251.93	6.20E-08	2.13E-08	8.33E-08	5.18E-08	1.60E-08	6.78E-08	1.23E-08	4.08E-09	1.64E-08	9.56E-09	1.97E-09	1.15E-08
7033	624867.68	4266142.51	8.85E-07	3.04E-07	1.19E-06	7.40E-07	2.28E-07	9.68E-07	1.75E-07	5.83E-08	2.33E-07	1.37E-07	2.81E-08	1.65E-07
7034	624867.84	4266132.57	9.08E-07	3.12E-07	1.22E-06	7.59E-07	2.34E-07	9.92E-07	1.80E-07	5.98E-08	2.39E-07	1.40E-07	2.88E-08	1.69E-07
7035	624868.01	4266122.64	9.31E-07	3.20E-07	1.25E-06	7.78E-07	2.40E-07	1.02E-06	1.84E-07	6.13E-08	2.46E-07	1.44E-07	2.95E-08	1.73E-07
7036	624868.17	4266112.71	9.56E-07	3.29E-07	1.28E-06	7.99E-07	2.46E-07	1.04E-06	1.89E-07	6.30E-08	2.52E-07	1.47E-07	3.03E-08	1.78E-07
7037	624868.33	4266102.77	9.81E-07	3.37E-07	1.32E-06	8.20E-07	2.52E-07	1.07E-06	1.94E-07	6.46E-08	2.59E-07	1.51E-07	3.11E-08	1.82E-07
7038	624868.5	4266092.84	1.01E-06	3.46E-07	1.35E-06	8.41E-07	2.59E-07	1.10E-06	1.99E-07	6.63E-08	2.65E-07	1.55E-07	3.19E-08	1.87E-07
7039	624868.66	4266082.91	1.03E-06	3.54E-07	1.38E-06	8.61E-07	2.65E-07	1.13E-06	2.04E-07	6.79E-08	2.72E-07	1.59E-07	3.27E-08	1.92E-07
7040	624868.83	4266072.97	1.05E-06	3.62E-07	1.42E-06	8.81E-07	2.71E-07	1.15E-06	2.09E-07	6.94E-08	2.78E-07	1.63E-07	3.34E-08	1.96E-07
7041	624868.99	4266063.04	1.08E-06	3.70E-07	1.45E-06	9.00E-07	2.77E-07	1.18E-06	2.13E-07	7.09E-08	2.84E-07	1.66E-07	3.42E-08	2.00E-07
7042	624869.15	4266053.11	1.10E-06	3.77E-07	1.48E-06	9.17E-07	2.83E-07	1.20E-06	2.17E-07	7.23E-08	2.90E-07	1.69E-07	3.48E-08	2.04E-07
7043	624869.32	4266043.17	1.12E-06	3.84E-07	1.50E-06	9.34E-07	2.88E-07	1.22E-06	2.21E-07	7.36E-08	2.95E-07	1.72E-07	3.55E-08	2.08E-07
7044	624869.48	4266033.24	1.14E-06	3.91E-07	1.53E-06	9.50E-07	2.93E-07	1.24E-06	2.25E-07	7.49E-08	3.00E-07	1.75E-07	3.61E-08	2.11E-07
7045	624869.64	4266023.31	1.15E-06	3.97E-07	1.55E-06	9.65E-07	2.97E-07	1.26E-06	2.29E-07	7.61E-08	3.05E-07	1.78E-07	3.66E-08	2.15E-07
7046	624869.81	4266013.37	1.17E-06	4.02E-07	1.57E-06	9.78E-07	3.01E-07	1.28E-06	2.32E-07	7.71E-08	3.09E-07	1.81E-07	3.71E-08	2.18E-07
7047	624869.97	4266003.44	1.18E-06	4.07E-07	1.59E-06	9.89E-07	3.05E-07	1.29E-06	2.34E-07	7.79E-08	3.12E-07	1.83E-07	3.75E-08	2.20E-07
7048	624870.13	4265993.51	1.19E-06	4.11E-07	1.60E-06	9.98E-07	3.07E-07	1.31E-06	2.36E-07	7.87E-08	3.15E-07	1.84E-07	3.79E-08	2.22E-07
7049	624870.3	4265983.57	1.20E-06	4.14E-07	1.62E-06	1.01E-06	3.10E-07	1.32E-06	2.38E-07	7.93E-08	3.18E-07	1.86E-07	3.82E-08	2.24E-07
7050	624870.46	4265973.64	1.21E-06	4.17E-07	1.63E-06	1.01E-06	3.12E-07	1.32E-06	2.40E-07	7.98E-08	3.20E-07	1.87E-07	3.85E-08	2.25E-07
7051	624870.62	4265963.71	1.22E-06	4.19E-07	1.64E-06	1.02E-06	3.14E-07	1.33E-06	2.41E-07	8.02E-08	3.21E-07	1.88E-07	3.87E-08	2.27E-07
7052	624870.79	4265953.77	1.22E-06	4.20E-07	1.64E-06	1.02E-06	3.15E-07	1.34E-06	2.42E-07	8.05E-08	3.23E-07	1.89E-07	3.88E-08	2.27E-07

7053	624870.95	4265943.84	1.23E-06	4.21E-07	1.65E-06	1.02E-06	3.16E-07	1.34E-06	2.43E-07	8.08E-08	3.23E-07	1.89E-07	3.89E-08	2.28E-07
7054	624871.12	4265933.91	1.23E-06	4.22E-07	1.65E-06	1.03E-06	3.16E-07	1.34E-06	2.43E-07	8.09E-08	3.24E-07	1.89E-07	3.89E-08	2.28E-07
7055	624871.28	4265923.97	1.23E-06	4.22E-07	1.65E-06	1.03E-06	3.16E-07	1.34E-06	2.43E-07	8.09E-08	3.24E-07	1.89E-07	3.90E-08	2.28E-07
7056	624871.44	4265914.04	1.23E-06	4.22E-07	1.65E-06	1.03E-06	3.16E-07	1.34E-06	2.43E-07	8.08E-08	3.24E-07	1.89E-07	3.89E-08	2.28E-07
7057	624871.61	4265904.11	1.22E-06	4.21E-07	1.64E-06	1.02E-06	3.15E-07	1.34E-06	2.42E-07	8.06E-08	3.23E-07	1.89E-07	3.88E-08	2.28E-07
7058	624871.77	4265894.17	1.22E-06	4.19E-07	1.64E-06	1.02E-06	3.14E-07	1.33E-06	2.41E-07	8.03E-08	3.22E-07	1.88E-07	3.87E-08	2.27E-07
7059	624871.93	4265884.24	1.21E-06	4.17E-07	1.63E-06	1.01E-06	3.13E-07	1.33E-06	2.40E-07	8.00E-08	3.20E-07	1.87E-07	3.85E-08	2.26E-07
7060	624872.1	4265874.31	1.21E-06	4.15E-07	1.62E-06	1.01E-06	3.11E-07	1.32E-06	2.39E-07	7.95E-08	3.18E-07	1.86E-07	3.83E-08	2.25E-07
7061	624872.26	4265864.37	1.20E-06	4.12E-07	1.61E-06	1.00E-06	3.09E-07	1.31E-06	2.37E-07	7.90E-08	3.16E-07	1.85E-07	3.80E-08	2.23E-07
7062	624872.42	4265854.44	1.19E-06	4.09E-07	1.60E-06	9.93E-07	3.06E-07	1.30E-06	2.35E-07	7.83E-08	3.14E-07	1.83E-07	3.77E-08	2.21E-07
7063	624872.59	4265844.51	1.18E-06	4.05E-07	1.58E-06	9.84E-07	3.03E-07	1.29E-06	2.33E-07	7.75E-08	3.10E-07	1.82E-07	3.73E-08	2.19E-07
7064	624872.75	4265834.57	1.16E-06	4.00E-07	1.56E-06	9.73E-07	3.00E-07	1.27E-06	2.30E-07	7.67E-08	3.07E-07	1.80E-07	3.69E-08	2.16E-07
7065	624872.91	4265824.64	1.15E-06	3.95E-07	1.54E-06	9.61E-07	2.96E-07	1.26E-06	2.28E-07	7.57E-08	3.03E-07	1.77E-07	3.65E-08	2.14E-07
7066	624873.08	4265814.71	1.13E-06	3.90E-07	1.52E-06	9.48E-07	2.92E-07	1.24E-06	2.24E-07	7.47E-08	2.99E-07	1.75E-07	3.60E-08	2.11E-07
7067	624873.24	4265804.77	1.12E-06	3.84E-07	1.50E-06	9.33E-07	2.88E-07	1.22E-06	2.21E-07	7.36E-08	2.95E-07	1.72E-07	3.54E-08	2.08E-07
7068	624873.4	4265794.84	1.10E-06	3.77E-07	1.47E-06	9.17E-07	2.83E-07	1.20E-06	2.17E-07	7.23E-08	2.90E-07	1.69E-07	3.48E-08	2.04E-07
7069	624873.57	4265784.91	1.08E-06	3.70E-07	1.45E-06	9.00E-07	2.77E-07	1.18E-06	2.13E-07	7.10E-08	2.84E-07	1.66E-07	3.42E-08	2.00E-07
7070	624873.73	4265774.97	1.06E-06	3.63E-07	1.42E-06	8.82E-07	2.72E-07	1.15E-06	2.09E-07	6.96E-08	2.79E-07	1.63E-07	3.35E-08	1.96E-07
7071	624873.9	4265765.04	1.03E-06	3.56E-07	1.39E-06	8.64E-07	2.66E-07	1.13E-06	2.05E-07	6.81E-08	2.73E-07	1.60E-07	3.28E-08	1.92E-07
7072	624874.06	4265755.11	1.01E-06	3.48E-07	1.36E-06	8.46E-07	2.61E-07	1.11E-06	2.00E-07	6.67E-08	2.67E-07	1.56E-07	3.21E-08	1.88E-07
7073	624874.22	4265745.17	9.90E-07	3.41E-07	1.33E-06	8.28E-07	2.55E-07	1.08E-06	1.96E-07	6.52E-08	2.61E-07	1.53E-07	3.14E-08	1.84E-07
7074	624874.39	4265735.24	9.69E-07	3.33E-07	1.30E-06	8.10E-07	2.49E-07	1.06E-06	1.92E-07	6.38E-08	2.56E-07	1.49E-07	3.07E-08	1.80E-07
7075	624874.55	4265725.31	9.48E-07	3.26E-07	1.27E-06	7.92E-07	2.44E-07	1.04E-06	1.88E-07	6.24E-08	2.50E-07	1.46E-07	3.01E-08	1.76E-07
7076	624874.71	4265715.37	9.27E-07	3.19E-07	1.25E-06	7.75E-07	2.39E-07	1.01E-06	1.84E-07	6.11E-08	2.45E-07	1.43E-07	2.94E-08	1.72E-07
7077	624874.88	4265705.44	9.06E-07	3.12E-07	1.22E-06	7.58E-07	2.33E-07	9.91E-07	1.79E-07	5.97E-08	2.39E-07	1.40E-07	2.88E-08	1.69E-07
7078	624875.04	4265695.51	8.85E-07	3.04E-07	1.19E-06	7.40E-07	2.28E-07	9.68E-07	1.75E-07	5.83E-08	2.34E-07	1.37E-07	2.81E-08	1.65E-07
7079	624875.2	4265685.57	8.64E-07	2.97E-07	1.16E-06	7.22E-07	2.22E-07	9.44E-07	1.71E-07	5.69E-08	2.28E-07	1.33E-07	2.74E-08	1.61E-07
7080	624861.24	4266176.49	8.55E-07	2.94E-07	1.15E-06	7.14E-07	2.20E-07	9.34E-07	1.69E-07	5.63E-08	2.25E-07	1.32E-07	2.71E-08	1.59E-07
7081	624877.68	4266142.67	8.01E-07	2.75E-07	1.08E-06	6.69E-07	2.06E-07	8.76E-07	1.59E-07	5.28E-08	2.11E-07	1.24E-07	2.54E-08	1.49E-07
7082	624877.84	4266132.74	8.19E-07	2.82E-07	1.10E-06	6.84E-07	2.11E-07	8.95E-07	1.62E-07	5.39E-08	2.16E-07	1.26E-07	2.60E-08	1.52E-07
7083	624878.01	4266122.8	8.37E-07	2.88E-07	1.13E-06	7.00E-07	2.16E-07	9.16E-07	1.66E-07	5.52E-08	2.21E-07	1.29E-07	2.66E-08	1.56E-07
7084	624878.17	4266112.87	8.57E-07	2.95E-07	1.15E-06	7.16E-07	2.21E-07	9.37E-07	1.70E-07	5.65E-08	2.26E-07	1.32E-07	2.72E-08	1.59E-07
7085	624878.33	4266102.94	8.77E-07	3.02E-07	1.18E-06	7.33E-07	2.26E-07	9.59E-07	1.74E-07	5.78E-08	2.31E-07	1.35E-07	2.78E-08	1.63E-07
7086	624878.5	4266093	8.97E-07	3.08E-07	1.21E-06	7.50E-07	2.31E-07	9.81E-07	1.78E-07	5.91E-08	2.37E-07	1.38E-07	2.85E-08	1.67E-07
7087	624878.66	4266083.07	9.17E-07	3.15E-07	1.23E-06	7.66E-07	2.36E-07	1.00E-06	1.81E-07	6.04E-08	2.42E-07	1.41E-07	2.91E-08	1.71E-07
7088	624878.82	4266073.14	9.36E-07	3.22E-07	1.26E-06	7.83E-07	2.41E-07	1.02E-06	1.85E-07	6.17E-08	2.47E-07	1.44E-07	2.97E-08	1.74E-07
7089	624878.99	4266063.2	9.55E-07	3.28E-07	1.28E-06	7.98E-07	2.46E-07	1.04E-06	1.89E-07	6.29E-08	2.52E-07	1.47E-07	3.03E-08	1.78E-07
7090	624879.15	4266053.27	9.73E-07	3.34E-07	1.31E-06	8.13E-07	2.50E-07	1.06E-06	1.92E-07	6.41E-08	2.57E-07	1.50E-07	3.09E-08	1.81E-07
7091	624879.31	4266043.34	9.89E-07	3.40E-07	1.33E-06	8.27E-07	2.55E-07	1.08E-06	1.96E-07	6.52E-08	2.61E-07	1.53E-07	3.14E-08	1.84E-07
7092	624879.48	4266033.4	1.01E-06	3.46E-07	1.35E-06	8.41E-07	2.59E-07	1.10E-06	1.99E-07	6.63E-08	2.65E-07	1.55E-07	3.19E-08	1.87E-07
7093	624879.64	4266023.47	1.02E-06	3.51E-07	1.37E-06	8.53E-07	2.63E-07	1.12E-06	2.02E-07	6.73E-08	2.69E-07	1.58E-07	3.24E-08	1.90E-07
7094	624879.81	4266013.54	1.03E-06	3.56E-07	1.39E-06	8.65E-07	2.66E-07	1.13E-06	2.05E-07	6.82E-08	2.73E-07	1.60E-07	3.28E-08	1.93E-07
7095	624879.97	4266003.6	1.05E-06	3.60E-07	1.41E-06	8.75E-07	2.69E-07	1.14E-06	2.07E-07	6.89E-08	2.76E-07	1.61E-07	3.32E-08	1.95E-07
7096	624880.13	4265993.67	1.06E-06	3.63E-07	1.42E-06	8.83E-07	2.72E-07	1.16E-06	2.09E-07	6.96E-08	2.79E-07	1.63E-07	3.35E-08	1.97E-07
7097	624880.3	4265983.74	1.07E-06	3.66E-07	1.43E-06	8.90E-07	2.74E-07	1.16E-06	2.11E-07	7.02E-08	2.81E-07	1.64E-07	3.38E-08	1.98E-07
7098	624880.46	4265973.8	1.07E-06	3.69E-07	1.44E-06	8.97E-07	2.76E-07	1.17E-06	2.12E-07	7.07E-08	2.83E-07	1.66E-07	3.40E-08	2.00E-07
7099	624880.62	4265963.87	1.08E-06	3.71E-07	1.45E-06	9.02E-07	2.78E-07	1.18E-06	2.14E-07	7.11E-08	2.85E-07	1.66E-07	3.42E-08	2.01E-07
7100	624880.79	4265953.94	1.08E-06	3.72E-07	1.46E-06	9.05E-07	2.79E-07	1.18E-06	2.14E-07	7.14E-08	2.86E-07	1.67E-07	3.44E-08	2.02E-07
7101	624880.95	4265944	1.09E-06	3.74E-07	1.46E-06	9.08E-07	2.80E-07	1.19E-06	2.15E-07	7.16E-08	2.87E-07	1.68E-07	3.45E-08	2.02E-07
7102	624881.11	4265934.07	1.09E-06	3.74E-07	1.46E-06	9.10E-07	2.80E-07	1.19E-06	2.15E-07	7.17E-08	2.87E-07	1.68E-07	3.45E-08	2.03E-07
7103	624881.28	4265924.14	1.09E-06	3.74E-07	1.46E-06	9.10E-07	2.80E-07	1.19E-06	2.16E-07	7.17E-08	2.87E-07	1.68E-07	3.46E-08	2.03E-07
7104	624881.44	4265914.2	1.09E-06	3.74E-07	1.46E-06	9.10E-07	2.80E-07	1.19E-06	2.15E-07	7.17E-08	2.87E-07	1.68E-07	3.45E-08	2.02E-07
7105	624881.6	4265904.27	1.09E-06	3.74E-07	1.46E-06	9.08E-07	2.80E-07	1.19E-06	2.15E-07	7.16E-08	2.87E-07	1.68E-07	3.45E-08	2.02E-07
7106	624881.77	4265894.34	1.08E-06	3.72E-07	1.46E-06	9.05E-07	2.79E-07	1.18E-06	2.14E-07	7.13E-08	2.86E-07	1.67E-07	3.44E-08	2.01E-07
7107	624881.93	4265884.4	1.08E-06	3.71E-07	1.45E-06	9.02E-07	2.78E-07	1.18E-06	2.14E-07	7.11E-08	2.85E-07	1.66E-07	3.42E-08	2.01E-07
7108	624882.1	4265874.47	1.07E-06	3.69E-07	1.44E-06	8.97E-07	2.76E-07	1.17E-06	2.12E-07	7.07E-08	2.83E-07	1.66E-07	3.41E-08	2.00E-07
7109	624882.26	4265864.54	1.07E-06	3.67E-07	1.43E-06	8.92E-07	2.75E-07	1.17E-06	2.11E-07	7.03E-08	2.81E-07	1.65E-07	3.39E-08	1.98E-07
7110	624882.42	4265854.6	1.06E-06	3.64E-07	1.42E-06	8.84E-07	2.72E-07	1.16E-06	2.09E-07	6.97E-08	2.79E-07	1.63E-07	3.36E-08	1.97E-07
7111	624882.59	4265844.67	1.05E-06	3.60E-07	1.41E-06	8.76E-07	2.70E-07	1.15E-06	2.07E-07	6.91E-08	2.77E-07	1.62E-07	3.33E-08	1.95E-07
7112	624882.75	4265834.74	1.04E-06	3.57E-07	1.39E-06	8.67E-07	2.67E-07	1.13E-06	2.05E-07	6.83E-08	2.74E-07	1.60E-07	3.29E-08	1.93E-07
7113	624882.91	4265824.8	1.03E-06	3.53E-07	1.38E-06	8.57E-07	2.64E-07	1.12E-06	2.03E-07	6.75E-08	2.70E-07	1.58E-07	3.25E-08	1.91E-07
7114	624883.08	4265814.87	1.01E-06	3.48E-07	1.36E-06	8.46E-07	2.61E-07	1.11E-06	2.00E-07	6.67E-08	2.67E-07	1.56E-07	3.21E-08	1.88E-07
7115	624883.24	4265804.94	9.97E-07	3.43E-07	1.34E-06	8.34E-07	2.57E-07	1.09E-06	1.97E-07	6.57E-08	2.63E-07	1.54E-07	3.17E-08	1.86E-07
7116	624883.4	4265795	9.82E-07	3.38E-07	1.32E-06	8.21E-07	2.53E-07	1.07E-06	1.94E-07	6.47E-08	2.59E-07	1.52E-07	3.12E-08	1.83E-07
7117	624883.57	4265785.07	9.66E-07	3.32E-07	1.30E-06	8.07E-07	2.49E-07	1.06E-06	1.91E-07	6.36E-08	2.55E-07	1.49E-07	3.06E-08	1.80E-07
7118	624883.73	4265775.14	9.49E-07	3.26E-07	1.27E-06	7.93E-07	2.44E-07	1.04E-06	1.88E-07	6.25E-08	2.50E-07	1.46E-07	3.01E-08	1.77E-07
7119	624883.89	4265765.2	9.32E-07	3.20E-07	1.25E-06	7.79E-07	2.40E-07	1.02E-06	1.84E-07	6.14E-08	2.46E-07	1.44E-07	2.96E-08	1.73E-07
7120	624884.06	4265755.27	9.14E-07	3.14E-07	1.23E-06	7.64E-07	2.35E-07	1.00E-06	1.81E-07	6.02E-08	2.41E-07	1.41E-07	2.90E-08	1.70E-07
7121	624884.22	4265745.34	8.97E-07	3.09E-07	1.21E-06	7.50E-07	2.31E-07	9.81E-07	1.78E-07	5.91E-08	2.37E-07	1.38E-07	2.85E-08	1.67E-07
7122	624884.38	4265735.4	8.81E-07	3.03E-07	1.18E-06	7.36E-07	2.27E-07	9.63E-07	1.74E-07	5.80E-08	2.32E-07	1.36E-07	2.80E-08	1.64E-07
7123	624884.55	4265725.47	8.64E-07	2.97E-07	1.16E-06	7.22E-07	2.22E-07	9.45E-07	1.71E-07	5.69E-08	2.28E-07	1.33E-07	2.74E-08	1.61E-07
7124	624884.71	4265715.54	8.48E-07	2.91E-07	1.14E-06	7.08E-07	2.18E-07	9.27E-07	1.68E-07	5.58E-08	2.24E-07	1.31E-07	2.69E-08	1.58E-07

7125	624884.88	4265705.6	8.31E-07	2.86E-07	1.12E-06	6.94E-07	2.14E-07	9.08E-07	1.64E-07	5.47E-08	2.19E-07	1.28E-07	2.64E-08	1.55E-07
7126	624885.04	4265695.67	8.14E-07	2.80E-07	1.09E-06	6.80E-07	2.10E-07	8.90E-07	1.61E-07	5.36E-08	2.15E-07	1.26E-07	2.58E-08	1.51E-07
7127	624885.2	4265685.74	7.97E-07	2.74E-07	1.07E-06	6.66E-07	2.05E-07	8.71E-07	1.58E-07	5.25E-08	2.10E-07	1.23E-07	2.53E-08	1.48E-07
7128	624885.37	4265675.8	7.78E-07	2.68E-07	1.05E-06	6.51E-07	2.00E-07	8.51E-07	1.54E-07	5.13E-08	2.05E-07	1.20E-07	2.47E-08	1.45E-07
7129	624878.36	4266173.85	7.38E-07	2.54E-07	9.91E-07	6.17E-07	1.90E-07	8.06E-07	1.46E-07	4.86E-08	1.95E-07	1.14E-07	2.34E-08	1.37E-07
7130	624868.19	4266183.68	7.84E-07	2.70E-07	1.05E-06	6.55E-07	2.02E-07	8.57E-07	1.55E-07	5.16E-08	2.07E-07	1.21E-07	2.49E-08	1.46E-07
7131	624887.68	4266142.84	7.30E-07	2.51E-07	9.81E-07	6.10E-07	1.88E-07	7.98E-07	1.44E-07	4.81E-08	1.93E-07	1.13E-07	2.32E-08	1.36E-07
7132	624887.84	4266132.9	7.44E-07	2.56E-07	1.00E-06	6.22E-07	1.92E-07	8.14E-07	1.47E-07	4.90E-08	1.96E-07	1.15E-07	2.36E-08	1.38E-07
7133	624888.01	4266122.97	7.59E-07	2.61E-07	1.02E-06	6.35E-07	1.95E-07	8.30E-07	1.50E-07	5.00E-08	2.00E-07	1.17E-07	2.41E-08	1.41E-07
7134	624888.17	4266113.04	7.75E-07	2.66E-07	1.04E-06	6.48E-07	1.99E-07	8.47E-07	1.53E-07	5.11E-08	2.04E-07	1.20E-07	2.46E-08	1.44E-07
7135	624888.33	4266103.1	7.91E-07	2.72E-07	1.06E-06	6.61E-07	2.04E-07	8.65E-07	1.57E-07	5.21E-08	2.09E-07	1.22E-07	2.51E-08	1.47E-07
7136	624888.5	4266093.17	8.07E-07	2.78E-07	1.08E-06	6.75E-07	2.08E-07	8.83E-07	1.60E-07	5.32E-08	2.13E-07	1.25E-07	2.56E-08	1.50E-07
7137	624888.66	4266083.24	8.24E-07	2.83E-07	1.11E-06	6.88E-07	2.12E-07	9.00E-07	1.63E-07	5.43E-08	2.17E-07	1.27E-07	2.61E-08	1.53E-07
7138	624888.82	4266073.3	8.39E-07	2.89E-07	1.13E-06	7.02E-07	2.16E-07	9.18E-07	1.66E-07	5.53E-08	2.21E-07	1.30E-07	2.66E-08	1.56E-07
7139	624888.99	4266063.37	8.55E-07	2.94E-07	1.15E-06	7.15E-07	2.20E-07	9.35E-07	1.69E-07	5.63E-08	2.26E-07	1.32E-07	2.71E-08	1.59E-07
7140	624889.15	4266053.44	8.70E-07	2.99E-07	1.17E-06	7.27E-07	2.24E-07	9.51E-07	1.72E-07	5.73E-08	2.29E-07	1.34E-07	2.76E-08	1.62E-07
7141	624889.31	4266043.5	8.84E-07	3.04E-07	1.19E-06	7.39E-07	2.28E-07	9.66E-07	1.75E-07	5.82E-08	2.33E-07	1.36E-07	2.81E-08	1.64E-07
7142	624889.48	4266033.57	8.98E-07	3.09E-07	1.21E-06	7.50E-07	2.31E-07	9.82E-07	1.78E-07	5.92E-08	2.37E-07	1.39E-07	2.85E-08	1.67E-07
7143	624889.64	4266023.64	9.11E-07	3.13E-07	1.22E-06	7.61E-07	2.35E-07	9.96E-07	1.80E-07	6.00E-08	2.40E-07	1.41E-07	2.89E-08	1.69E-07
7144	624889.8	4266013.7	9.23E-07	3.17E-07	1.24E-06	7.71E-07	2.38E-07	1.01E-06	1.83E-07	6.08E-08	2.44E-07	1.42E-07	2.93E-08	1.72E-07
7145	624889.97	4266003.77	9.33E-07	3.21E-07	1.25E-06	7.80E-07	2.40E-07	1.02E-06	1.85E-07	6.15E-08	2.46E-07	1.44E-07	2.96E-08	1.74E-07
7146	624890.13	4265993.84	9.42E-07	3.24E-07	1.27E-06	7.88E-07	2.43E-07	1.03E-06	1.86E-07	6.21E-08	2.49E-07	1.45E-07	2.99E-08	1.75E-07
7147	624890.29	4265983.9	9.50E-07	3.27E-07	1.28E-06	7.94E-07	2.45E-07	1.04E-06	1.88E-07	6.26E-08	2.51E-07	1.47E-07	3.02E-08	1.77E-07
7148	624890.46	4265973.97	9.57E-07	3.29E-07	1.29E-06	8.00E-07	2.46E-07	1.05E-06	1.89E-07	6.30E-08	2.52E-07	1.48E-07	3.04E-08	1.78E-07
7149	624890.62	4265964.04	9.62E-07	3.31E-07	1.29E-06	8.04E-07	2.48E-07	1.05E-06	1.90E-07	6.34E-08	2.54E-07	1.49E-07	3.05E-08	1.79E-07
7150	624890.79	4265954.1	9.67E-07	3.32E-07	1.30E-06	8.08E-07	2.49E-07	1.06E-06	1.91E-07	6.37E-08	2.55E-07	1.49E-07	3.07E-08	1.80E-07
7151	624890.95	4265944.17	9.70E-07	3.34E-07	1.30E-06	8.11E-07	2.50E-07	1.06E-06	1.92E-07	6.39E-08	2.56E-07	1.50E-07	3.08E-08	1.80E-07
7152	624891.11	4265934.24	9.72E-07	3.34E-07	1.31E-06	8.12E-07	2.50E-07	1.06E-06	1.92E-07	6.40E-08	2.56E-07	1.50E-07	3.08E-08	1.81E-07
7153	624891.28	4265924.3	9.73E-07	3.35E-07	1.31E-06	8.13E-07	2.50E-07	1.06E-06	1.93E-07	6.41E-08	2.57E-07	1.50E-07	3.09E-08	1.81E-07
7154	624891.44	4265914.37	9.73E-07	3.34E-07	1.31E-06	8.13E-07	2.50E-07	1.06E-06	1.93E-07	6.41E-08	2.57E-07	1.50E-07	3.09E-08	1.81E-07
7155	624891.6	4265904.44	9.71E-07	3.34E-07	1.31E-06	8.12E-07	2.50E-07	1.06E-06	1.92E-07	6.40E-08	2.56E-07	1.50E-07	3.08E-08	1.81E-07
7156	624891.77	4265894.5	9.69E-07	3.33E-07	1.30E-06	8.10E-07	2.49E-07	1.06E-06	1.92E-07	6.38E-08	2.56E-07	1.49E-07	3.07E-08	1.80E-07
7157	624891.93	4265884.57	9.66E-07	3.32E-07	1.30E-06	8.07E-07	2.49E-07	1.06E-06	1.91E-07	6.36E-08	2.55E-07	1.49E-07	3.06E-08	1.80E-07
7158	624892.09	4265874.64	9.61E-07	3.31E-07	1.29E-06	8.04E-07	2.48E-07	1.05E-06	1.90E-07	6.33E-08	2.54E-07	1.48E-07	3.05E-08	1.79E-07
7159	624892.26	4265864.7	9.56E-07	3.29E-07	1.29E-06	7.99E-07	2.46E-07	1.05E-06	1.89E-07	6.30E-08	2.52E-07	1.48E-07	3.03E-08	1.78E-07
7160	624892.42	4265854.77	9.49E-07	3.26E-07	1.28E-06	7.93E-07	2.44E-07	1.04E-06	1.88E-07	6.25E-08	2.50E-07	1.46E-07	3.01E-08	1.77E-07
7161	624892.58	4265844.84	9.41E-07	3.24E-07	1.26E-06	7.87E-07	2.42E-07	1.03E-06	1.86E-07	6.20E-08	2.48E-07	1.45E-07	2.99E-08	1.75E-07
7162	624892.75	4265834.9	9.32E-07	3.20E-07	1.25E-06	7.79E-07	2.40E-07	1.02E-06	1.84E-07	6.14E-08	2.46E-07	1.44E-07	2.96E-08	1.73E-07
7163	624892.91	4265824.97	9.22E-07	3.17E-07	1.24E-06	7.70E-07	2.37E-07	1.01E-06	1.82E-07	6.07E-08	2.43E-07	1.42E-07	2.93E-08	1.71E-07
7164	624893.07	4265815.04	9.11E-07	3.13E-07	1.22E-06	7.61E-07	2.34E-07	9.96E-07	1.80E-07	6.00E-08	2.40E-07	1.41E-07	2.89E-08	1.69E-07
7165	624893.24	4265805.1	8.99E-07	3.09E-07	1.21E-06	7.51E-07	2.31E-07	9.83E-07	1.78E-07	5.92E-08	2.37E-07	1.39E-07	2.85E-08	1.67E-07
7166	624893.4	4265795.17	8.86E-07	3.05E-07	1.19E-06	7.41E-07	2.28E-07	9.69E-07	1.75E-07	5.84E-08	2.34E-07	1.37E-07	2.81E-08	1.65E-07
7167	624893.57	4265785.24	8.73E-07	3.00E-07	1.17E-06	7.30E-07	2.25E-07	9.55E-07	1.73E-07	5.75E-08	2.30E-07	1.35E-07	2.77E-08	1.62E-07
7168	624893.73	4265775.3	8.60E-07	2.96E-07	1.16E-06	7.19E-07	2.21E-07	9.40E-07	1.70E-07	5.67E-08	2.27E-07	1.33E-07	2.73E-08	1.60E-07
7169	624893.89	4265765.37	8.46E-07	2.91E-07	1.14E-06	7.07E-07	2.18E-07	9.25E-07	1.68E-07	5.58E-08	2.23E-07	1.31E-07	2.69E-08	1.57E-07
7170	624894.06	4265755.44	8.33E-07	2.86E-07	1.12E-06	6.96E-07	2.14E-07	9.11E-07	1.65E-07	5.49E-08	2.20E-07	1.29E-07	2.64E-08	1.55E-07
7171	624894.22	4265745.5	8.19E-07	2.82E-07	1.10E-06	6.85E-07	2.11E-07	8.96E-07	1.62E-07	5.40E-08	2.16E-07	1.26E-07	2.60E-08	1.52E-07
7172	624894.38	4265735.57	8.06E-07	2.77E-07	1.08E-06	6.74E-07	2.08E-07	8.81E-07	1.60E-07	5.31E-08	2.13E-07	1.24E-07	2.56E-08	1.50E-07
7173	624894.55	4265725.64	7.93E-07	2.73E-07	1.07E-06	6.63E-07	2.04E-07	8.67E-07	1.57E-07	5.22E-08	2.09E-07	1.22E-07	2.52E-08	1.47E-07
7174	624894.71	4265715.7	7.79E-07	2.68E-07	1.05E-06	6.51E-07	2.01E-07	8.52E-07	1.54E-07	5.14E-08	2.06E-07	1.20E-07	2.47E-08	1.45E-07
7175	624894.87	4265705.77	7.66E-07	2.63E-07	1.03E-06	6.40E-07	1.97E-07	8.38E-07	1.52E-07	5.05E-08	2.02E-07	1.18E-07	2.43E-08	1.43E-07
7176	624895.04	4265695.84	7.52E-07	2.59E-07	1.01E-06	6.29E-07	1.94E-07	8.23E-07	1.49E-07	4.96E-08	1.99E-07	1.16E-07	2.39E-08	1.40E-07
7177	624895.2	4265685.9	7.38E-07	2.54E-07	9.92E-07	6.17E-07	1.90E-07	8.07E-07	1.46E-07	4.86E-08	1.95E-07	1.14E-07	2.34E-08	1.37E-07
7178	624886.08	4266179.28	6.82E-07	2.35E-07	9.17E-07	5.70E-07	1.76E-07	7.46E-07	1.35E-07	4.50E-08	1.80E-07	1.05E-07	2.17E-08	1.27E-07
7179	624873.35	4266191.58	7.32E-07	2.52E-07	9.84E-07	6.12E-07	1.89E-07	8.01E-07	1.45E-07	4.83E-08	1.93E-07	1.13E-07	2.32E-08	1.36E-07
7180	624864.45	4266195.08	7.79E-07	2.68E-07	1.05E-06	6.51E-07	2.01E-07	8.52E-07	1.54E-07	5.13E-08	2.06E-07	1.20E-07	2.47E-08	1.45E-07
7181	624855.54	4266198.59	8.28E-07	2.85E-07	1.11E-06	6.92E-07	2.13E-07	9.05E-07	1.64E-07	5.46E-08	2.18E-07	1.28E-07	2.63E-08	1.54E-07
7182	624897.68	4266143	6.69E-07	2.30E-07	8.99E-07	5.59E-07	1.72E-07	7.32E-07	1.32E-07	4.41E-08	1.77E-07	1.03E-07	2.12E-08	1.24E-07
7183	624897.84	4266133.07	6.81E-07	2.34E-07	9.15E-07	5.69E-07	1.75E-07	7.44E-07	1.35E-07	4.49E-08	1.80E-07	1.05E-07	2.16E-08	1.27E-07
7184	624898	4266123.13	6.93E-07	2.38E-07	9.31E-07	5.79E-07	1.78E-07	7.58E-07	1.37E-07	4.57E-08	1.83E-07	1.07E-07	2.20E-08	1.29E-07
7185	624898.17	4266113.2	7.06E-07	2.43E-07	9.48E-07	5.90E-07	1.82E-07	7.71E-07	1.40E-07	4.65E-08	1.86E-07	1.09E-07	2.24E-08	1.31E-07
7186	624898.33	4266103.27	7.19E-07	2.47E-07	9.66E-07	6.01E-07	1.85E-07	7.86E-07	1.42E-07	4.73E-08	1.90E-07	1.11E-07	2.28E-08	1.34E-07
7187	624898.49	4266093.33	7.32E-07	2.52E-07	9.84E-07	6.12E-07	1.88E-07	8.00E-07	1.45E-07	4.82E-08	1.93E-07	1.13E-07	2.32E-08	1.36E-07
7188	624898.66	4266083.4	7.45E-07	2.56E-07	1.00E-06	6.23E-07	1.92E-07	8.15E-07	1.48E-07	4.91E-08	1.97E-07	1.15E-07	2.37E-08	1.39E-07
7189	624898.82	4266073.47	7.59E-07	2.61E-07	1.02E-06	6.34E-07	1.95E-07	8.29E-07	1.50E-07	5.00E-08	2.00E-07	1.17E-07	2.41E-08	1.41E-07
7190	624898.99	4266063.53	7.71E-07	2.65E-07	1.04E-06	6.45E-07	1.99E-07	8.43E-07	1.53E-07	5.08E-08	2.04E-07	1.19E-07	2.45E-08	1.44E-07
7191	624899.15	4266053.6	7.84E-07	2.70E-07	1.05E-06	6.55E-07	2.02E-07	8.57E-07	1.55E-07	5.16E-08	2.07E-07	1.21E-07	2.49E-08	1.46E-07
7192	624899.31	4266043.67	7.96E-07	2.74E-07	1.07E-06	6.65E-07	2.05E-07	8.70E-07	1.58E-07	5.24E-08	2.10E-07	1.23E-07	2.53E-08	1.48E-07
7193	624899.48	4266033.73	8.08E-07	2.78E-07	1.09E-06	6.75E-07	2.08E-07	8.83E-07	1.60E-07	5.32E-08	2.13E-07	1.25E-07	2.56E-08	1.50E-07
7194	624899.64	4266023.8	8.19E-07	2.82E-07	1.10E-06	6.84E-07	2.11E-07	8.95E-07	1.62E-07	5.40E-08	2.16E-07	1.26E-07	2.60E-08	1.52E-07
7195	624899.8	4266013.87	8.29E-07	2.85E-07	1.11E-06	6.93E-07	2.13E-07	9.07E-07	1.64E-07	5.46E-08	2.19E-07	1.28E-07	2.63E-08	1.54E-07
7196	624899.97	4266003.93	8.38E-07	2.88E-07	1.13E-06	7.00E-07	2.16E-07	9.16E-07	1.66E-07	5.52E-08	2.21E-07	1.29E-07	2.66E-08	1.56E-07

7197	624900.13	4265994	8.46E-07	2.91E-07	1.14E-06	7.07E-07	2.18E-07	9.25E-07	1.67E-07	5.57E-08	2.23E-07	1.31E-07	2.69E-08	1.57E-07
7198	624900.29	4265984.07	8.53E-07	2.93E-07	1.15E-06	7.13E-07	2.20E-07	9.33E-07	1.69E-07	5.62E-08	2.25E-07	1.32E-07	2.71E-08	1.59E-07
7199	624900.46	4265974.13	8.59E-07	2.95E-07	1.15E-06	7.18E-07	2.21E-07	9.39E-07	1.70E-07	5.66E-08	2.27E-07	1.33E-07	2.73E-08	1.60E-07
7200	624900.62	4265964.2	8.64E-07	2.97E-07	1.16E-06	7.22E-07	2.23E-07	9.45E-07	1.71E-07	5.69E-08	2.28E-07	1.33E-07	2.74E-08	1.61E-07
7201	624900.78	4265954.27	8.68E-07	2.99E-07	1.17E-06	7.26E-07	2.24E-07	9.49E-07	1.72E-07	5.72E-08	2.29E-07	1.34E-07	2.76E-08	1.62E-07
7202	624900.95	4265944.33	8.71E-07	3.00E-07	1.17E-06	7.28E-07	2.24E-07	9.53E-07	1.72E-07	5.74E-08	2.30E-07	1.34E-07	2.77E-08	1.62E-07
7203	624901.11	4265934.4	8.74E-07	3.00E-07	1.17E-06	7.30E-07	2.25E-07	9.55E-07	1.73E-07	5.76E-08	2.30E-07	1.35E-07	2.77E-08	1.63E-07
7204	624901.27	4265924.47	8.75E-07	3.01E-07	1.18E-06	7.31E-07	2.25E-07	9.56E-07	1.73E-07	5.76E-08	2.31E-07	1.35E-07	2.78E-08	1.63E-07
7205	624901.44	4265914.53	8.75E-07	3.01E-07	1.18E-06	7.31E-07	2.25E-07	9.57E-07	1.73E-07	5.76E-08	2.31E-07	1.35E-07	2.78E-08	1.63E-07
7206	624901.6	4265904.6	8.74E-07	3.01E-07	1.17E-06	7.31E-07	2.25E-07	9.56E-07	1.73E-07	5.76E-08	2.31E-07	1.35E-07	2.77E-08	1.63E-07
7207	624901.77	4265894.67	8.72E-07	3.00E-07	1.17E-06	7.29E-07	2.25E-07	9.54E-07	1.73E-07	5.75E-08	2.30E-07	1.35E-07	2.77E-08	1.62E-07
7208	624901.93	4265884.73	8.70E-07	2.99E-07	1.17E-06	7.27E-07	2.24E-07	9.51E-07	1.72E-07	5.73E-08	2.30E-07	1.34E-07	2.76E-08	1.62E-07
7209	624902.09	4265874.8	8.67E-07	2.98E-07	1.16E-06	7.24E-07	2.23E-07	9.47E-07	1.72E-07	5.71E-08	2.29E-07	1.34E-07	2.75E-08	1.61E-07
7210	624902.26	4265864.87	8.62E-07	2.96E-07	1.16E-06	7.21E-07	2.22E-07	9.43E-07	1.71E-07	5.68E-08	2.27E-07	1.33E-07	2.74E-08	1.60E-07
7211	624902.42	4265854.93	8.56E-07	2.95E-07	1.15E-06	7.16E-07	2.20E-07	9.36E-07	1.70E-07	5.64E-08	2.26E-07	1.32E-07	2.72E-08	1.59E-07
7212	624902.58	4265845	8.50E-07	2.92E-07	1.14E-06	7.10E-07	2.19E-07	9.29E-07	1.68E-07	5.60E-08	2.24E-07	1.31E-07	2.70E-08	1.58E-07
7213	624902.75	4265835.07	8.42E-07	2.90E-07	1.13E-06	7.04E-07	2.17E-07	9.21E-07	1.67E-07	5.55E-08	2.22E-07	1.30E-07	2.67E-08	1.57E-07
7214	624902.91	4265825.13	8.34E-07	2.87E-07	1.12E-06	6.97E-07	2.15E-07	9.12E-07	1.65E-07	5.50E-08	2.20E-07	1.29E-07	2.65E-08	1.55E-07
7215	624903.07	4265815.2	8.25E-07	2.84E-07	1.11E-06	6.90E-07	2.12E-07	9.02E-07	1.63E-07	5.44E-08	2.18E-07	1.27E-07	2.62E-08	1.54E-07
7216	624903.24	4265805.27	8.16E-07	2.80E-07	1.10E-06	6.82E-07	2.10E-07	8.92E-07	1.61E-07	5.37E-08	2.15E-07	1.26E-07	2.59E-08	1.52E-07
7217	624903.4	4265795.33	8.06E-07	2.77E-07	1.08E-06	6.73E-07	2.07E-07	8.81E-07	1.59E-07	5.31E-08	2.13E-07	1.24E-07	2.56E-08	1.50E-07
7218	624903.56	4265785.4	7.95E-07	2.74E-07	1.07E-06	6.65E-07	2.05E-07	8.70E-07	1.57E-07	5.24E-08	2.10E-07	1.23E-07	2.52E-08	1.48E-07
7219	624903.73	4265775.47	7.85E-07	2.70E-07	1.05E-06	6.56E-07	2.02E-07	8.58E-07	1.55E-07	5.17E-08	2.07E-07	1.21E-07	2.49E-08	1.46E-07
7220	624903.89	4265765.53	7.74E-07	2.66E-07	1.04E-06	6.47E-07	1.99E-07	8.46E-07	1.53E-07	5.10E-08	2.04E-07	1.19E-07	2.46E-08	1.44E-07
7221	624904.05	4265755.6	7.63E-07	2.63E-07	1.03E-06	6.38E-07	1.97E-07	8.35E-07	1.51E-07	5.03E-08	2.01E-07	1.18E-07	2.42E-08	1.42E-07
7222	624904.22	4265745.67	7.53E-07	2.59E-07	1.01E-06	6.29E-07	1.94E-07	8.23E-07	1.49E-07	4.96E-08	1.99E-07	1.16E-07	2.39E-08	1.40E-07
7223	624904.38	4265735.73	7.42E-07	2.55E-07	9.97E-07	6.20E-07	1.91E-07	8.11E-07	1.47E-07	4.89E-08	1.96E-07	1.14E-07	2.35E-08	1.38E-07
7224	624904.55	4265725.8	7.31E-07	2.51E-07	9.83E-07	6.11E-07	1.88E-07	7.99E-07	1.45E-07	4.82E-08	1.93E-07	1.13E-07	2.32E-08	1.36E-07
7225	624904.71	4265715.87	7.20E-07	2.48E-07	9.68E-07	6.02E-07	1.85E-07	7.88E-07	1.43E-07	4.75E-08	1.90E-07	1.11E-07	2.29E-08	1.34E-07
7226	624904.87	4265705.93	7.09E-07	2.44E-07	9.53E-07	5.93E-07	1.83E-07	7.76E-07	1.40E-07	4.67E-08	1.87E-07	1.09E-07	2.25E-08	1.32E-07
7227	624905.04	4265696	6.98E-07	2.40E-07	9.38E-07	5.84E-07	1.80E-07	7.63E-07	1.38E-07	4.60E-08	1.84E-07	1.08E-07	2.22E-08	1.30E-07
7228	624905.2	4265686.07	6.87E-07	2.36E-07	9.23E-07	5.74E-07	1.77E-07	7.51E-07	1.36E-07	4.52E-08	1.81E-07	1.06E-07	2.18E-08	1.28E-07
7229	624905.36	4265676.13	6.75E-07	2.32E-07	9.07E-07	5.64E-07	1.74E-07	7.38E-07	1.34E-07	4.44E-08	1.78E-07	1.04E-07	2.14E-08	1.25E-07
7230	624896.53	4266178.39	6.29E-07	2.16E-07	8.46E-07	5.26E-07	1.62E-07	6.88E-07	1.25E-07	4.15E-08	1.66E-07	9.71E-08	2.00E-08	1.17E-07
7231	624892.87	4266186.83	6.35E-07	2.18E-07	8.54E-07	5.31E-07	1.64E-07	6.95E-07	1.26E-07	4.19E-08	1.68E-07	9.80E-08	2.02E-08	1.18E-07
7232	624880.66	4266198.63	6.77E-07	2.33E-07	9.10E-07	5.66E-07	1.74E-07	7.40E-07	1.34E-07	4.46E-08	1.79E-07	1.04E-07	2.15E-08	1.26E-07
7233	624872.11	4266202	7.16E-07	2.46E-07	9.62E-07	5.98E-07	1.84E-07	7.82E-07	1.42E-07	4.72E-08	1.89E-07	1.10E-07	2.27E-08	1.33E-07
7234	624907.68	4266143.16	6.16E-07	2.12E-07	8.28E-07	5.15E-07	1.59E-07	6.74E-07	1.22E-07	4.06E-08	1.63E-07	9.51E-08	1.96E-08	1.15E-07
7235	624907.84	4266133.23	6.26E-07	2.15E-07	8.41E-07	5.23E-07	1.61E-07	6.84E-07	1.24E-07	4.12E-08	1.65E-07	9.66E-08	1.99E-08	1.16E-07
7236	624908	4266123.3	6.36E-07	2.19E-07	8.55E-07	5.32E-07	1.64E-07	6.95E-07	1.26E-07	4.19E-08	1.68E-07	9.81E-08	2.02E-08	1.18E-07
7237	624908.17	4266113.36	6.46E-07	2.22E-07	8.68E-07	5.40E-07	1.66E-07	7.07E-07	1.28E-07	4.26E-08	1.70E-07	9.97E-08	2.05E-08	1.20E-07
7238	624908.33	4266103.43	6.57E-07	2.26E-07	8.83E-07	5.49E-07	1.69E-07	7.18E-07	1.30E-07	4.33E-08	1.73E-07	1.01E-07	2.08E-08	1.22E-07
7239	624908.49	4266093.5	6.68E-07	2.30E-07	8.98E-07	5.58E-07	1.72E-07	7.30E-07	1.32E-07	4.40E-08	1.76E-07	1.03E-07	2.12E-08	1.24E-07
7240	624908.66	4266083.56	6.79E-07	2.34E-07	9.13E-07	5.68E-07	1.75E-07	7.42E-07	1.34E-07	4.47E-08	1.79E-07	1.05E-07	2.15E-08	1.26E-07
7241	624908.82	4266073.63	6.90E-07	2.37E-07	9.27E-07	5.77E-07	1.78E-07	7.54E-07	1.37E-07	4.55E-08	1.82E-07	1.06E-07	2.19E-08	1.28E-07
7242	624908.98	4266063.7	7.01E-07	2.41E-07	9.42E-07	5.86E-07	1.80E-07	7.66E-07	1.39E-07	4.62E-08	1.85E-07	1.08E-07	2.22E-08	1.30E-07
7243	624909.15	4266053.76	7.11E-07	2.45E-07	9.56E-07	5.95E-07	1.83E-07	7.78E-07	1.41E-07	4.69E-08	1.88E-07	1.10E-07	2.26E-08	1.32E-07
7244	624909.31	4266043.83	7.21E-07	2.48E-07	9.70E-07	6.03E-07	1.86E-07	7.89E-07	1.43E-07	4.75E-08	1.90E-07	1.11E-07	2.29E-08	1.34E-07
7245	624909.47	4266033.9	7.32E-07	2.52E-07	9.83E-07	6.11E-07	1.88E-07	8.00E-07	1.45E-07	4.82E-08	1.93E-07	1.13E-07	2.32E-08	1.36E-07
7246	624909.64	4266023.96	7.41E-07	2.55E-07	9.96E-07	6.19E-07	1.91E-07	8.10E-07	1.47E-07	4.88E-08	1.96E-07	1.14E-07	2.35E-08	1.38E-07
7247	624909.8	4266014.03	7.50E-07	2.58E-07	1.01E-06	6.27E-07	1.93E-07	8.20E-07	1.48E-07	4.94E-08	1.98E-07	1.16E-07	2.38E-08	1.40E-07
7248	624909.96	4266004.1	7.58E-07	2.61E-07	1.02E-06	6.33E-07	1.95E-07	8.28E-07	1.50E-07	4.99E-08	2.00E-07	1.17E-07	2.40E-08	1.41E-07
7249	624910.13	4265994.16	7.65E-07	2.63E-07	1.03E-06	6.39E-07	1.97E-07	8.36E-07	1.51E-07	5.04E-08	2.02E-07	1.18E-07	2.43E-08	1.42E-07
7250	624910.29	4265984.23	7.71E-07	2.65E-07	1.04E-06	6.44E-07	1.98E-07	8.43E-07	1.53E-07	5.08E-08	2.03E-07	1.19E-07	2.45E-08	1.43E-07
7251	624910.46	4265974.3	7.76E-07	2.67E-07	1.04E-06	6.49E-07	2.00E-07	8.49E-07	1.54E-07	5.11E-08	2.05E-07	1.20E-07	2.46E-08	1.44E-07
7252	624910.62	4265964.36	7.81E-07	2.68E-07	1.05E-06	6.53E-07	2.01E-07	8.54E-07	1.55E-07	5.14E-08	2.06E-07	1.20E-07	2.48E-08	1.45E-07
7253	624910.78	4265954.43	7.85E-07	2.70E-07	1.05E-06	6.56E-07	2.02E-07	8.58E-07	1.55E-07	5.17E-08	2.07E-07	1.21E-07	2.49E-08	1.46E-07
7254	624910.95	4265944.5	7.87E-07	2.71E-07	1.06E-06	6.58E-07	2.03E-07	8.61E-07	1.56E-07	5.19E-08	2.08E-07	1.21E-07	2.50E-08	1.46E-07
7255	624911.11	4265934.56	7.90E-07	2.71E-07	1.06E-06	6.60E-07	2.03E-07	8.63E-07	1.56E-07	5.20E-08	2.08E-07	1.22E-07	2.51E-08	1.47E-07
7256	624911.27	4265924.63	7.91E-07	2.72E-07	1.06E-06	6.61E-07	2.04E-07	8.65E-07	1.57E-07	5.21E-08	2.09E-07	1.22E-07	2.51E-08	1.47E-07
7257	624911.44	4265914.7	7.91E-07	2.72E-07	1.06E-06	6.61E-07	2.04E-07	8.65E-07	1.57E-07	5.21E-08	2.09E-07	1.22E-07	2.51E-08	1.47E-07
7258	624911.6	4265904.76	7.91E-07	2.72E-07	1.06E-06	6.61E-07	2.04E-07	8.65E-07	1.57E-07	5.21E-08	2.09E-07	1.22E-07	2.51E-08	1.47E-07
7259	624911.76	4265894.83	7.90E-07	2.72E-07	1.06E-06	6.61E-07	2.03E-07	8.64E-07	1.56E-07	5.21E-08	2.08E-07	1.22E-07	2.51E-08	1.47E-07
7260	624911.93	4265884.9	7.88E-07	2.71E-07	1.06E-06	6.59E-07	2.03E-07	8.62E-07	1.56E-07	5.19E-08	2.08E-07	1.22E-07	2.50E-08	1.47E-07
7261	624912.09	4265874.96	7.85E-07	2.70E-07	1.06E-06	6.57E-07	2.02E-07	8.59E-07	1.55E-07	5.18E-08	2.07E-07	1.21E-07	2.49E-08	1.46E-07
7262	624912.25	4265865.03	7.82E-07	2.69E-07	1.05E-06	6.54E-07	2.01E-07	8.55E-07	1.55E-07	5.15E-08	2.06E-07	1.21E-07	2.48E-08	1.45E-07
7263	624912.42	4265855.1	7.77E-07	2.67E-07	1.04E-06	6.50E-07	2.00E-07	8.50E-07	1.54E-07	5.12E-08	2.05E-07	1.20E-07	2.47E-08	1.45E-07
7264	624912.58	4265845.16	7.72E-07	2.65E-07	1.04E-06	6.45E-07	1.99E-07	8.44E-07	1.53E-07	5.09E-08	2.04E-07	1.19E-07	2.45E-08	1.44E-07
7265	624912.75	4265835.23	7.66E-07	2.63E-07	1.03E-06	6.40E-07	1.97E-07	8.37E-07	1.52E-07	5.05E-08	2.02E-07	1.18E-07	2.43E-08	1.43E-07
7266	624912.91	4265825.3	7.59E-07	2.61E-07	1.02E-06	6.35E-07	1.96E-07	8.30E-07	1.50E-07	5.00E-08	2.00E-07	1.17E-07	2.41E-08	1.41E-07
7267	624913.07	4265815.36	7.52E-07	2.59E-07	1.01E-06	6.29E-07	1.94E-07	8.23E-07	1.49E-07	4.96E-08	1.98E-07	1.16E-07	2.39E-08	1.40E-07
7268	624913.24	4265805.43	7.45E-07	2.56E-07	1.00E-06	6.23E-07	1.92E-07	8.14E-07	1.47E-07	4.91E-08	1.97E-07	1.15E-07	2.36E-08	1.39E-07

7269	624913.4	4265795.5	7.37E-07	2.53E-07	9.90E-07	6.16E-07	1.90E-07	8.06E-07	1.46E-07	4.86E-08	1.94E-07	1.14E-07	2.34E-08	1.37E-07
7270	624913.56	4265785.56	7.29E-07	2.51E-07	9.79E-07	6.09E-07	1.88E-07	7.97E-07	1.44E-07	4.80E-08	1.92E-07	1.12E-07	2.31E-08	1.36E-07
7271	624913.73	4265775.63	7.20E-07	2.48E-07	9.68E-07	6.02E-07	1.85E-07	7.88E-07	1.43E-07	4.75E-08	1.90E-07	1.11E-07	2.29E-08	1.34E-07
7272	624913.89	4265765.7	7.12E-07	2.45E-07	9.57E-07	5.95E-07	1.83E-07	7.78E-07	1.41E-07	4.69E-08	1.88E-07	1.10E-07	2.26E-08	1.32E-07
7273	624914.05	4265755.76	7.03E-07	2.42E-07	9.45E-07	5.88E-07	1.81E-07	7.69E-07	1.39E-07	4.63E-08	1.86E-07	1.09E-07	2.23E-08	1.31E-07
7274	624914.22	4265745.83	6.95E-07	2.39E-07	9.34E-07	5.81E-07	1.79E-07	7.60E-07	1.38E-07	4.58E-08	1.83E-07	1.07E-07	2.20E-08	1.29E-07
7275	624914.38	4265735.9	6.86E-07	2.36E-07	9.22E-07	5.73E-07	1.77E-07	7.50E-07	1.36E-07	4.52E-08	1.81E-07	1.06E-07	2.18E-08	1.28E-07
7276	624914.54	4265725.96	6.77E-07	2.33E-07	9.10E-07	5.66E-07	1.74E-07	7.40E-07	1.34E-07	4.46E-08	1.79E-07	1.05E-07	2.15E-08	1.26E-07
7277	624914.71	4265716.03	6.68E-07	2.30E-07	8.98E-07	5.59E-07	1.72E-07	7.31E-07	1.32E-07	4.40E-08	1.76E-07	1.03E-07	2.12E-08	1.24E-07
7278	624914.87	4265706.1	6.59E-07	2.27E-07	8.86E-07	5.51E-07	1.70E-07	7.21E-07	1.31E-07	4.34E-08	1.74E-07	1.02E-07	2.09E-08	1.23E-07
7279	624915.03	4265696.16	6.50E-07	2.24E-07	8.74E-07	5.44E-07	1.67E-07	7.11E-07	1.29E-07	4.28E-08	1.72E-07	1.00E-07	2.06E-08	1.21E-07
7280	624915.2	4265686.23	6.41E-07	2.20E-07	8.61E-07	5.36E-07	1.65E-07	7.01E-07	1.27E-07	4.22E-08	1.69E-07	9.89E-08	2.03E-08	1.19E-07
7281	624915.36	4265676.3	6.31E-07	2.17E-07	8.48E-07	5.27E-07	1.62E-07	6.90E-07	1.25E-07	4.16E-08	1.66E-07	9.73E-08	2.00E-08	1.17E-07
7282	624906.84	4266177.86	5.83E-07	2.01E-07	7.84E-07	4.87E-07	1.50E-07	6.37E-07	1.15E-07	3.84E-08	1.54E-07	9.00E-08	1.85E-08	1.08E-07
7283	624899.72	4266194.25	5.94E-07	2.04E-07	7.98E-07	4.96E-07	1.53E-07	6.49E-07	1.18E-07	3.91E-08	1.57E-07	9.16E-08	1.88E-08	1.10E-07
7284	624917.67	4266143.33	5.70E-07	1.96E-07	7.66E-07	4.77E-07	1.47E-07	6.24E-07	1.13E-07	3.76E-08	1.50E-07	8.80E-08	1.81E-08	1.06E-07
7285	624917.84	4266133.4	5.78E-07	1.99E-07	7.77E-07	4.83E-07	1.49E-07	6.32E-07	1.14E-07	3.81E-08	1.53E-07	8.92E-08	1.84E-08	1.08E-07
7286	624918	4266123.46	5.86E-07	2.02E-07	7.88E-07	4.90E-07	1.51E-07	6.41E-07	1.16E-07	3.86E-08	1.55E-07	9.05E-08	1.86E-08	1.09E-07
7287	624918.16	4266113.53	5.95E-07	2.05E-07	7.99E-07	4.97E-07	1.53E-07	6.50E-07	1.18E-07	3.92E-08	1.57E-07	9.18E-08	1.89E-08	1.11E-07
7288	624918.33	4266103.6	6.04E-07	2.08E-07	8.11E-07	5.05E-07	1.55E-07	6.60E-07	1.19E-07	3.98E-08	1.59E-07	9.32E-08	1.92E-08	1.12E-07
7289	624918.49	4266093.66	6.13E-07	2.11E-07	8.24E-07	5.12E-07	1.58E-07	6.70E-07	1.21E-07	4.04E-08	1.62E-07	9.46E-08	1.94E-08	1.14E-07
7290	624918.66	4266083.73	6.22E-07	2.14E-07	8.36E-07	5.20E-07	1.60E-07	6.80E-07	1.23E-07	4.10E-08	1.64E-07	9.60E-08	1.97E-08	1.16E-07
7291	624918.82	4266073.8	6.31E-07	2.17E-07	8.48E-07	5.28E-07	1.63E-07	6.90E-07	1.25E-07	4.16E-08	1.67E-07	9.74E-08	2.00E-08	1.17E-07
7292	624918.98	4266063.86	6.40E-07	2.20E-07	8.61E-07	5.35E-07	1.65E-07	7.00E-07	1.27E-07	4.22E-08	1.69E-07	9.88E-08	2.03E-08	1.19E-07
7293	624919.15	4266053.93	6.49E-07	2.23E-07	8.72E-07	5.43E-07	1.67E-07	7.10E-07	1.28E-07	4.28E-08	1.71E-07	1.00E-07	2.06E-08	1.21E-07
7294	624919.31	4266044	6.58E-07	2.26E-07	8.84E-07	5.50E-07	1.69E-07	7.19E-07	1.30E-07	4.33E-08	1.74E-07	1.01E-07	2.09E-08	1.22E-07
7295	624919.47	4266034.06	6.66E-07	2.29E-07	8.96E-07	5.57E-07	1.72E-07	7.29E-07	1.32E-07	4.39E-08	1.76E-07	1.03E-07	2.11E-08	1.24E-07
7296	624919.64	4266024.13	6.75E-07	2.32E-07	9.06E-07	5.64E-07	1.74E-07	7.37E-07	1.34E-07	4.44E-08	1.78E-07	1.04E-07	2.14E-08	1.25E-07
7297	624919.8	4266014.2	6.82E-07	2.35E-07	9.17E-07	5.70E-07	1.76E-07	7.46E-07	1.35E-07	4.49E-08	1.80E-07	1.05E-07	2.17E-08	1.27E-07
7298	624919.96	4266004.26	6.89E-07	2.37E-07	9.26E-07	5.76E-07	1.77E-07	7.53E-07	1.36E-07	4.54E-08	1.82E-07	1.06E-07	2.19E-08	1.28E-07
7299	624920.13	4265994.33	6.95E-07	2.39E-07	9.34E-07	5.81E-07	1.79E-07	7.60E-07	1.38E-07	4.58E-08	1.83E-07	1.07E-07	2.21E-08	1.29E-07
7300	624920.29	4265984.4	7.00E-07	2.41E-07	9.41E-07	5.85E-07	1.80E-07	7.66E-07	1.39E-07	4.61E-08	1.85E-07	1.08E-07	2.22E-08	1.30E-07
7301	624920.45	4265974.46	7.05E-07	2.42E-07	9.48E-07	5.89E-07	1.82E-07	7.71E-07	1.40E-07	4.65E-08	1.86E-07	1.09E-07	2.24E-08	1.31E-07
7302	624920.62	4265964.53	7.09E-07	2.44E-07	9.53E-07	5.93E-07	1.83E-07	7.75E-07	1.40E-07	4.67E-08	1.87E-07	1.09E-07	2.25E-08	1.32E-07
7303	624920.78	4265954.6	7.13E-07	2.45E-07	9.58E-07	5.96E-07	1.83E-07	7.79E-07	1.41E-07	4.69E-08	1.88E-07	1.10E-07	2.26E-08	1.33E-07
7304	624920.94	4265944.66	7.15E-07	2.46E-07	9.61E-07	5.98E-07	1.84E-07	7.82E-07	1.42E-07	4.71E-08	1.89E-07	1.10E-07	2.27E-08	1.33E-07
7305	624921.11	4265934.73	7.17E-07	2.47E-07	9.64E-07	6.00E-07	1.85E-07	7.84E-07	1.42E-07	4.73E-08	1.89E-07	1.11E-07	2.28E-08	1.33E-07
7306	624921.27	4265924.8	7.19E-07	2.47E-07	9.66E-07	6.01E-07	1.85E-07	7.86E-07	1.42E-07	4.73E-08	1.90E-07	1.11E-07	2.28E-08	1.34E-07
7307	624921.44	4265914.86	7.20E-07	2.47E-07	9.67E-07	6.01E-07	1.85E-07	7.87E-07	1.42E-07	4.74E-08	1.90E-07	1.11E-07	2.28E-08	1.34E-07
7308	624921.6	4265904.93	7.20E-07	2.48E-07	9.67E-07	6.02E-07	1.85E-07	7.87E-07	1.43E-07	4.74E-08	1.90E-07	1.11E-07	2.28E-08	1.34E-07
7309	624921.76	4265895	7.20E-07	2.47E-07	9.67E-07	6.01E-07	1.85E-07	7.87E-07	1.42E-07	4.74E-08	1.90E-07	1.11E-07	2.28E-08	1.34E-07
7310	624921.93	4265885.06	7.18E-07	2.47E-07	9.65E-07	6.00E-07	1.85E-07	7.85E-07	1.42E-07	4.73E-08	1.89E-07	1.11E-07	2.28E-08	1.34E-07
7311	624922.09	4265875.13	7.16E-07	2.46E-07	9.62E-07	5.98E-07	1.84E-07	7.83E-07	1.42E-07	4.72E-08	1.89E-07	1.10E-07	2.27E-08	1.33E-07
7312	624922.25	4265865.2	7.13E-07	2.45E-07	9.58E-07	5.96E-07	1.84E-07	7.79E-07	1.41E-07	4.70E-08	1.88E-07	1.10E-07	2.26E-08	1.33E-07
7313	624922.42	4265855.26	7.09E-07	2.44E-07	9.53E-07	5.93E-07	1.83E-07	7.75E-07	1.40E-07	4.67E-08	1.87E-07	1.09E-07	2.25E-08	1.32E-07
7314	624922.58	4265845.33	7.05E-07	2.42E-07	9.48E-07	5.89E-07	1.82E-07	7.71E-07	1.40E-07	4.65E-08	1.86E-07	1.09E-07	2.24E-08	1.31E-07
7315	624922.74	4265835.4	7.00E-07	2.41E-07	9.41E-07	5.85E-07	1.80E-07	7.66E-07	1.39E-07	4.61E-08	1.85E-07	1.08E-07	2.22E-08	1.30E-07
7316	624922.91	4265825.46	6.95E-07	2.39E-07	9.34E-07	5.81E-07	1.79E-07	7.60E-07	1.38E-07	4.58E-08	1.83E-07	1.07E-07	2.21E-08	1.29E-07
7317	624923.07	4265815.53	6.90E-07	2.37E-07	9.27E-07	5.76E-07	1.78E-07	7.54E-07	1.37E-07	4.54E-08	1.82E-07	1.06E-07	2.19E-08	1.28E-07
7318	624923.23	4265805.6	6.84E-07	2.35E-07	9.19E-07	5.72E-07	1.76E-07	7.48E-07	1.35E-07	4.51E-08	1.80E-07	1.06E-07	2.17E-08	1.27E-07
7319	624923.4	4265795.66	6.78E-07	2.33E-07	9.11E-07	5.66E-07	1.74E-07	7.41E-07	1.34E-07	4.46E-08	1.79E-07	1.05E-07	2.15E-08	1.26E-07
7320	624923.56	4265785.73	6.71E-07	2.31E-07	9.02E-07	5.61E-07	1.73E-07	7.34E-07	1.33E-07	4.42E-08	1.77E-07	1.04E-07	2.13E-08	1.25E-07
7321	624923.73	4265775.8	6.65E-07	2.29E-07	8.93E-07	5.55E-07	1.71E-07	7.27E-07	1.32E-07	4.38E-08	1.75E-07	1.03E-07	2.11E-08	1.24E-07
7322	624923.89	4265765.86	6.58E-07	2.26E-07	8.84E-07	5.50E-07	1.69E-07	7.19E-07	1.30E-07	4.33E-08	1.74E-07	1.02E-07	2.09E-08	1.22E-07
7323	624924.05	4265755.93	6.51E-07	2.24E-07	8.75E-07	5.44E-07	1.68E-07	7.12E-07	1.29E-07	4.29E-08	1.72E-07	1.00E-07	2.07E-08	1.21E-07
7324	624924.22	4265746	6.44E-07	2.21E-07	8.65E-07	5.38E-07	1.66E-07	7.04E-07	1.27E-07	4.24E-08	1.70E-07	9.94E-08	2.04E-08	1.20E-07
7325	624924.38	4265736.06	6.37E-07	2.19E-07	8.56E-07	5.32E-07	1.64E-07	6.96E-07	1.26E-07	4.20E-08	1.68E-07	9.83E-08	2.02E-08	1.18E-07
7326	624924.54	4265726.13	6.30E-07	2.17E-07	8.46E-07	5.26E-07	1.62E-07	6.88E-07	1.25E-07	4.15E-08	1.66E-07	9.72E-08	2.00E-08	1.17E-07
7327	624924.71	4265716.2	6.22E-07	2.14E-07	8.36E-07	5.20E-07	1.60E-07	6.80E-07	1.23E-07	4.10E-08	1.64E-07	9.60E-08	1.97E-08	1.16E-07
7328	624924.87	4265706.26	6.15E-07	2.11E-07	8.27E-07	5.14E-07	1.58E-07	6.72E-07	1.22E-07	4.05E-08	1.62E-07	9.49E-08	1.95E-08	1.14E-07
7329	624925.03	4265696.33	6.08E-07	2.09E-07	8.16E-07	5.08E-07	1.56E-07	6.64E-07	1.20E-07	4.00E-08	1.60E-07	9.37E-08	1.93E-08	1.13E-07
7330	624925.2	4265686.4	6.00E-07	2.06E-07	8.06E-07	5.01E-07	1.54E-07	6.56E-07	1.19E-07	3.95E-08	1.58E-07	9.25E-08	1.90E-08	1.12E-07
7331	624925.36	4265676.46	5.91E-07	2.03E-07	7.95E-07	4.94E-07	1.52E-07	6.47E-07	1.17E-07	3.90E-08	1.56E-07	9.13E-08	1.88E-08	1.10E-07
7332	624917.05	4266177.52	5.42E-07	1.86E-07	7.29E-07	4.53E-07	1.40E-07	5.93E-07	1.07E-07	3.57E-08	1.43E-07	8.37E-08	1.72E-08	1.01E-07
7333	624910.08	4266193.58	5.52E-07	1.90E-07	7.42E-07	4.62E-07	1.42E-07	6.04E-07	1.09E-07	3.64E-08	1.46E-07	8.52E-08	1.75E-08	1.03E-07
7334	624862.38	4266225.68	7.02E-07	2.41E-07	9.44E-07	5.87E-07	1.81E-07	7.68E-07	1.39E-07	4.63E-08	1.85E-07	1.08E-07	2.23E-08	1.31E-07
7335	624927.67	4266143.49	5.30E-07	1.82E-07	7.12E-07	4.43E-07	1.36E-07	5.79E-07	1.05E-07	3.49E-08	1.40E-07	8.17E-08	1.68E-08	9.85E-08
7336	624927.84	4266133.56	5.36E-07	1.84E-07	7.20E-07	4.48E-07	1.38E-07	5.86E-07	1.06E-07	3.53E-08	1.41E-07	8.27E-08	1.70E-08	9.97E-08
7337	624928	4266123.63	5.43E-07	1.87E-07	7.30E-07	4.54E-07	1.40E-07	5.94E-07	1.07E-07	3.58E-08	1.43E-07	8.38E-08	1.72E-08	1.01E-07
7338	624928.16	4266113.69	5.50E-07	1.89E-07	7.39E-07	4.60E-07	1.42E-07	6.01E-07	1.09E-07	3.62E-08	1.45E-07	8.49E-08	1.75E-08	1.02E-07
7339	624928.33	4266103.76	5.57E-07	1.92E-07	7.49E-07	4.66E-07	1.43E-07	6.09E-07	1.10E-07	3.67E-08	1.47E-07	8.60E-08	1.77E-08	1.04E-07
7340	624928.49	4266093.83	5.65E-07	1.94E-07	7.59E-07	4.72E-07	1.45E-07	6.18E-07	1.12E-07	3.72E-08	1.49E-07	8.72E-08	1.79E-08	1.05E-07

7341	624928.65	4266083.89	5.73E-07	1.97E-07	7.69E-07	4.79E-07	1.47E-07	6.26E-07	1.13E-07	3.77E-08	1.51E-07	8.83E-08	1.82E-08	1.07E-07
7342	624928.82	4266073.96	5.80E-07	2.00E-07	7.80E-07	4.85E-07	1.49E-07	6.34E-07	1.15E-07	3.82E-08	1.53E-07	8.95E-08	1.84E-08	1.08E-07
7343	624928.98	4266064.03	5.88E-07	2.02E-07	7.90E-07	4.91E-07	1.51E-07	6.43E-07	1.16E-07	3.87E-08	1.55E-07	9.07E-08	1.87E-08	1.09E-07
7344	624929.14	4266054.09	5.96E-07	2.05E-07	8.00E-07	4.98E-07	1.53E-07	6.51E-07	1.18E-07	3.92E-08	1.57E-07	9.19E-08	1.89E-08	1.11E-07
7345	624929.31	4266044.16	6.03E-07	2.07E-07	8.10E-07	5.04E-07	1.55E-07	6.59E-07	1.19E-07	3.97E-08	1.59E-07	9.30E-08	1.91E-08	1.12E-07
7346	624929.47	4266034.23	6.10E-07	2.10E-07	8.20E-07	5.10E-07	1.57E-07	6.67E-07	1.21E-07	4.02E-08	1.61E-07	9.41E-08	1.94E-08	1.14E-07
7347	624929.64	4266024.29	6.17E-07	2.12E-07	8.29E-07	5.16E-07	1.59E-07	6.75E-07	1.22E-07	4.07E-08	1.63E-07	9.52E-08	1.96E-08	1.15E-07
7348	624929.8	4266014.36	6.24E-07	2.15E-07	8.38E-07	5.21E-07	1.61E-07	6.82E-07	1.23E-07	4.11E-08	1.65E-07	9.63E-08	1.98E-08	1.16E-07
7349	624929.96	4266004.43	6.30E-07	2.16E-07	8.46E-07	5.26E-07	1.62E-07	6.88E-07	1.25E-07	4.15E-08	1.66E-07	9.71E-08	2.00E-08	1.17E-07
7350	624930.13	4265994.49	6.35E-07	2.18E-07	8.53E-07	5.31E-07	1.63E-07	6.94E-07	1.26E-07	4.18E-08	1.67E-07	9.79E-08	2.01E-08	1.18E-07
7351	624930.29	4265984.56	6.39E-07	2.20E-07	8.59E-07	5.35E-07	1.65E-07	6.99E-07	1.27E-07	4.21E-08	1.69E-07	9.87E-08	2.03E-08	1.19E-07
7352	624930.45	4265974.63	6.44E-07	2.21E-07	8.65E-07	5.38E-07	1.66E-07	7.04E-07	1.27E-07	4.24E-08	1.70E-07	9.93E-08	2.04E-08	1.20E-07
7353	624930.62	4265964.69	6.47E-07	2.23E-07	8.70E-07	5.41E-07	1.67E-07	7.08E-07	1.28E-07	4.26E-08	1.71E-07	9.99E-08	2.05E-08	1.20E-07
7354	624930.78	4265954.76	6.50E-07	2.24E-07	8.74E-07	5.44E-07	1.67E-07	7.11E-07	1.29E-07	4.29E-08	1.72E-07	1.00E-07	2.06E-08	1.21E-07
7355	624930.94	4265944.83	6.53E-07	2.25E-07	8.77E-07	5.46E-07	1.68E-07	7.14E-07	1.29E-07	4.30E-08	1.72E-07	1.01E-07	2.07E-08	1.21E-07
7356	624931.11	4265934.89	6.55E-07	2.25E-07	8.80E-07	5.47E-07	1.69E-07	7.16E-07	1.30E-07	4.31E-08	1.73E-07	1.01E-07	2.08E-08	1.22E-07
7357	624931.27	4265924.96	6.56E-07	2.26E-07	8.82E-07	5.48E-07	1.69E-07	7.17E-07	1.30E-07	4.32E-08	1.73E-07	1.01E-07	2.08E-08	1.22E-07
7358	624931.43	4265915.03	6.57E-07	2.26E-07	8.83E-07	5.49E-07	1.69E-07	7.19E-07	1.30E-07	4.33E-08	1.73E-07	1.01E-07	2.09E-08	1.22E-07
7359	624931.6	4265905.09	6.58E-07	2.26E-07	8.84E-07	5.50E-07	1.69E-07	7.19E-07	1.30E-07	4.33E-08	1.74E-07	1.02E-07	2.09E-08	1.22E-07
7360	624931.76	4265895.16	6.58E-07	2.26E-07	8.84E-07	5.50E-07	1.69E-07	7.19E-07	1.30E-07	4.33E-08	1.74E-07	1.02E-07	2.09E-08	1.22E-07
7361	624931.92	4265885.23	6.57E-07	2.26E-07	8.83E-07	5.49E-07	1.69E-07	7.18E-07	1.30E-07	4.33E-08	1.73E-07	1.01E-07	2.08E-08	1.22E-07
7362	624932.09	4265875.29	6.55E-07	2.25E-07	8.80E-07	5.48E-07	1.69E-07	7.16E-07	1.30E-07	4.32E-08	1.73E-07	1.01E-07	2.08E-08	1.22E-07
7363	624932.25	4265865.36	6.53E-07	2.25E-07	8.77E-07	5.46E-07	1.68E-07	7.14E-07	1.29E-07	4.30E-08	1.72E-07	1.01E-07	2.07E-08	1.21E-07
7364	624932.42	4265855.43	6.50E-07	2.24E-07	8.74E-07	5.43E-07	1.67E-07	7.11E-07	1.29E-07	4.28E-08	1.72E-07	1.00E-07	2.06E-08	1.21E-07
7365	624932.58	4265845.49	6.47E-07	2.23E-07	8.70E-07	5.41E-07	1.67E-07	7.07E-07	1.28E-07	4.26E-08	1.71E-07	9.98E-08	2.05E-08	1.20E-07
7366	624932.74	4265835.56	6.43E-07	2.21E-07	8.65E-07	5.38E-07	1.66E-07	7.04E-07	1.27E-07	4.24E-08	1.70E-07	9.93E-08	2.04E-08	1.20E-07
7367	624932.91	4265825.63	6.40E-07	2.20E-07	8.59E-07	5.35E-07	1.65E-07	6.99E-07	1.27E-07	4.21E-08	1.69E-07	9.87E-08	2.03E-08	1.19E-07
7368	624933.07	4265815.69	6.35E-07	2.18E-07	8.54E-07	5.31E-07	1.64E-07	6.94E-07	1.26E-07	4.19E-08	1.68E-07	9.80E-08	2.02E-08	1.18E-07
7369	624933.23	4265805.76	6.31E-07	2.17E-07	8.48E-07	5.27E-07	1.62E-07	6.89E-07	1.25E-07	4.16E-08	1.66E-07	9.73E-08	2.00E-08	1.17E-07
7370	624933.4	4265795.83	6.26E-07	2.15E-07	8.41E-07	5.23E-07	1.61E-07	6.84E-07	1.24E-07	4.12E-08	1.65E-07	9.66E-08	1.99E-08	1.16E-07
7371	624933.56	4265785.89	6.21E-07	2.13E-07	8.34E-07	5.19E-07	1.60E-07	6.79E-07	1.23E-07	4.09E-08	1.64E-07	9.58E-08	1.97E-08	1.15E-07
7372	624933.72	4265775.96	6.16E-07	2.12E-07	8.27E-07	5.14E-07	1.58E-07	6.73E-07	1.22E-07	4.06E-08	1.62E-07	9.50E-08	1.95E-08	1.15E-07
7373	624933.89	4265766.03	6.10E-07	2.10E-07	8.20E-07	5.10E-07	1.57E-07	6.67E-07	1.21E-07	4.02E-08	1.61E-07	9.41E-08	1.94E-08	1.14E-07
7374	624934.05	4265756.09	6.05E-07	2.08E-07	8.12E-07	5.05E-07	1.56E-07	6.61E-07	1.20E-07	3.98E-08	1.59E-07	9.33E-08	1.92E-08	1.12E-07
7375	624934.21	4265746.16	5.99E-07	2.06E-07	8.05E-07	5.01E-07	1.54E-07	6.55E-07	1.19E-07	3.95E-08	1.58E-07	9.24E-08	1.90E-08	1.11E-07
7376	624934.38	4265736.23	5.93E-07	2.04E-07	7.97E-07	4.96E-07	1.53E-07	6.48E-07	1.17E-07	3.91E-08	1.56E-07	9.15E-08	1.88E-08	1.10E-07
7377	624934.54	4265726.29	5.87E-07	2.02E-07	7.89E-07	4.91E-07	1.51E-07	6.42E-07	1.16E-07	3.87E-08	1.55E-07	9.06E-08	1.86E-08	1.09E-07
7378	624934.7	4265716.36	5.81E-07	2.00E-07	7.81E-07	4.86E-07	1.50E-07	6.35E-07	1.15E-07	3.83E-08	1.53E-07	8.97E-08	1.84E-08	1.08E-07
7379	624934.87	4265706.43	5.75E-07	1.98E-07	7.73E-07	4.81E-07	1.48E-07	6.29E-07	1.14E-07	3.79E-08	1.52E-07	8.88E-08	1.83E-08	1.07E-07
7380	624935.03	4265696.49	5.69E-07	1.96E-07	7.65E-07	4.76E-07	1.47E-07	6.22E-07	1.13E-07	3.75E-08	1.50E-07	8.78E-08	1.81E-08	1.06E-07
7381	624935.2	4265686.56	5.63E-07	1.94E-07	7.56E-07	4.70E-07	1.45E-07	6.15E-07	1.11E-07	3.71E-08	1.48E-07	8.69E-08	1.79E-08	1.05E-07
7382	624935.36	4265676.63	5.56E-07	1.91E-07	7.47E-07	4.65E-07	1.43E-07	6.08E-07	1.10E-07	3.66E-08	1.47E-07	8.58E-08	1.76E-08	1.03E-07
7383	624925.74	4266180.69	5.08E-07	1.75E-07	6.83E-07	4.25E-07	1.31E-07	5.55E-07	1.01E-07	3.35E-08	1.34E-07	7.84E-08	1.61E-08	9.45E-08
7384	624921.82	4266189.73	5.14E-07	1.77E-07	6.90E-07	4.29E-07	1.32E-07	5.61E-07	1.02E-07	3.38E-08	1.35E-07	7.92E-08	1.63E-08	9.55E-08
7385	624917.9	4266198.76	5.19E-07	1.78E-07	6.97E-07	4.33E-07	1.34E-07	5.67E-07	1.03E-07	3.42E-08	1.37E-07	8.00E-08	1.65E-08	9.65E-08
7386	624891.73	4266224.05	5.82E-07	2.00E-07	7.82E-07	4.87E-07	1.50E-07	6.36E-07	1.15E-07	3.84E-08	1.54E-07	8.98E-08	1.85E-08	1.08E-07
7387	624873.4	4266231.27	6.40E-07	2.20E-07	8.60E-07	5.35E-07	1.65E-07	7.00E-07	1.27E-07	4.22E-08	1.69E-07	9.88E-08	2.03E-08	1.19E-07
7388	624864.24	4266234.88	6.68E-07	2.30E-07	8.98E-07	5.58E-07	1.72E-07	7.30E-07	1.32E-07	4.40E-08	1.76E-07	1.03E-07	2.12E-08	1.24E-07
7389	624855.08	4266238.49	6.94E-07	2.38E-07	9.32E-07	5.80E-07	1.79E-07	7.58E-07	1.37E-07	4.57E-08	1.83E-07	1.07E-07	2.20E-08	1.29E-07
7390	624937.67	4266143.66	4.93E-07	1.70E-07	6.63E-07	4.12E-07	1.27E-07	5.39E-07	9.77E-08	3.25E-08	1.30E-07	7.61E-08	1.57E-08	9.18E-08
7391	624937.83	4266133.72	4.99E-07	1.72E-07	6.70E-07	4.17E-07	1.28E-07	5.45E-07	9.87E-08	3.29E-08	1.32E-07	7.70E-08	1.58E-08	9.28E-08
7392	624938	4266123.79	5.04E-07	1.73E-07	6.78E-07	4.22E-07	1.30E-07	5.52E-07	9.99E-08	3.32E-08	1.33E-07	7.78E-08	1.60E-08	9.39E-08
7393	624938.16	4266113.86	5.10E-07	1.75E-07	6.86E-07	4.27E-07	1.31E-07	5.58E-07	1.01E-07	3.36E-08	1.35E-07	7.87E-08	1.62E-08	9.49E-08
7394	624938.33	4266103.92	5.16E-07	1.78E-07	6.94E-07	4.32E-07	1.33E-07	5.65E-07	1.02E-07	3.40E-08	1.36E-07	7.97E-08	1.64E-08	9.61E-08
7395	624938.49	4266093.99	5.23E-07	1.80E-07	7.02E-07	4.37E-07	1.35E-07	5.71E-07	1.03E-07	3.44E-08	1.38E-07	8.07E-08	1.66E-08	9.72E-08
7396	624938.65	4266084.06	5.29E-07	1.82E-07	7.11E-07	4.42E-07	1.36E-07	5.79E-07	1.05E-07	3.49E-08	1.40E-07	8.17E-08	1.68E-08	9.85E-08
7397	624938.82	4266074.12	5.36E-07	1.84E-07	7.20E-07	4.48E-07	1.38E-07	5.86E-07	1.06E-07	3.53E-08	1.41E-07	8.27E-08	1.70E-08	9.97E-08
7398	624938.98	4266064.19	5.42E-07	1.86E-07	7.29E-07	4.53E-07	1.40E-07	5.93E-07	1.07E-07	3.57E-08	1.43E-07	8.37E-08	1.72E-08	1.01E-07
7399	624939.14	4266054.26	5.49E-07	1.89E-07	7.37E-07	4.59E-07	1.41E-07	6.00E-07	1.09E-07	3.61E-08	1.45E-07	8.47E-08	1.74E-08	1.02E-07
7400	624939.31	4266044.32	5.55E-07	1.91E-07	7.46E-07	4.64E-07	1.43E-07	6.07E-07	1.10E-07	3.66E-08	1.46E-07	8.56E-08	1.76E-08	1.03E-07
7401	624939.47	4266034.39	5.61E-07	1.93E-07	7.54E-07	4.69E-07	1.45E-07	6.14E-07	1.11E-07	3.70E-08	1.48E-07	8.66E-08	1.78E-08	1.04E-07
7402	624939.63	4266024.46	5.67E-07	1.95E-07	7.62E-07	4.74E-07	1.46E-07	6.20E-07	1.12E-07	3.74E-08	1.50E-07	8.75E-08	1.80E-08	1.06E-07
7403	624939.8	4266014.52	5.73E-07	1.97E-07	7.70E-07	4.79E-07	1.48E-07	6.27E-07	1.13E-07	3.78E-08	1.51E-07	8.84E-08	1.82E-08	1.07E-07
7404	624939.96	4266004.59	5.78E-07	1.99E-07	7.77E-07	4.83E-07	1.49E-07	6.32E-07	1.14E-07	3.81E-08	1.52E-07	8.92E-08	1.83E-08	1.08E-07
7405	624940.12	4265994.66	5.83E-07	2.00E-07	7.83E-07	4.87E-07	1.50E-07	6.37E-07	1.15E-07	3.84E-08	1.54E-07	8.99E-08	1.85E-08	1.08E-07
7406	624940.29	4265984.72	5.87E-07	2.02E-07	7.88E-07	4.90E-07	1.51E-07	6.41E-07	1.16E-07	3.87E-08	1.55E-07	9.05E-08	1.86E-08	1.09E-07
7407	624940.45	4265974.79	5.90E-07	2.03E-07	7.93E-07	4.93E-07	1.52E-07	6.46E-07	1.17E-07	3.89E-08	1.56E-07	9.11E-08	1.87E-08	1.10E-07
7408	624940.62	4265964.86	5.94E-07	2.04E-07	7.98E-07	4.96E-07	1.53E-07	6.49E-07	1.18E-07	3.91E-08	1.57E-07	9.16E-08	1.88E-08	1.10E-07
7409	624940.78	4265954.92	5.96E-07	2.05E-07	8.02E-07	4.99E-07	1.54E-07	6.52E-07	1.18E-07	3.93E-08	1.57E-07	9.20E-08	1.89E-08	1.11E-07
7410	624940.94	4265944.99	5.99E-07	2.06E-07	8.05E-07	5.00E-07	1.54E-07	6.55E-07	1.19E-07	3.94E-08	1.58E-07	9.24E-08	1.90E-08	1.11E-07
7411	624941.11	4265935.06	6.00E-07	2.06E-07	8.07E-07	5.02E-07	1.55E-07	6.57E-07	1.19E-07	3.96E-08	1.58E-07	9.27E-08	1.91E-08	1.12E-07
7412	624941.27	4265925.12	6.02E-07	2.07E-07	8.09E-07	5.03E-07	1.55E-07	6.58E-07	1.19E-07	3.97E-08	1.59E-07	9.29E-08	1.91E-08	1.12E-07

7413	624941.43	4265915.19	6.03E-07	2.07E-07	8.10E-07	5.04E-07	1.55E-07	6.59E-07	1.19E-07	3.97E-08	1.59E-07	9.31E-08	1.91E-08	1.12E-07
7414	624941.6	4265905.26	6.04E-07	2.08E-07	8.11E-07	5.05E-07	1.55E-07	6.60E-07	1.20E-07	3.98E-08	1.59E-07	9.32E-08	1.92E-08	1.12E-07
7415	624941.76	4265895.32	6.04E-07	2.08E-07	8.12E-07	5.05E-07	1.56E-07	6.60E-07	1.20E-07	3.98E-08	1.59E-07	9.32E-08	1.92E-08	1.12E-07
7416	624941.92	4265885.39	6.03E-07	2.07E-07	8.11E-07	5.04E-07	1.55E-07	6.60E-07	1.19E-07	3.98E-08	1.59E-07	9.31E-08	1.91E-08	1.12E-07
7417	624942.09	4265875.46	6.02E-07	2.07E-07	8.09E-07	5.03E-07	1.55E-07	6.58E-07	1.19E-07	3.97E-08	1.59E-07	9.29E-08	1.91E-08	1.12E-07
7418	624942.25	4265865.52	6.01E-07	2.07E-07	8.07E-07	5.02E-07	1.55E-07	6.57E-07	1.19E-07	3.96E-08	1.58E-07	9.27E-08	1.91E-08	1.12E-07
7419	624942.41	4265855.59	5.99E-07	2.06E-07	8.05E-07	5.00E-07	1.54E-07	6.55E-07	1.19E-07	3.94E-08	1.58E-07	9.24E-08	1.90E-08	1.11E-07
7420	624942.58	4265845.66	5.96E-07	2.05E-07	8.01E-07	4.98E-07	1.54E-07	6.52E-07	1.18E-07	3.93E-08	1.57E-07	9.20E-08	1.89E-08	1.11E-07
7421	624942.74	4265835.72	5.94E-07	2.04E-07	7.98E-07	4.96E-07	1.53E-07	6.49E-07	1.18E-07	3.91E-08	1.57E-07	9.16E-08	1.88E-08	1.10E-07
7422	624942.9	4265825.79	5.91E-07	2.03E-07	7.94E-07	4.94E-07	1.52E-07	6.46E-07	1.17E-07	3.89E-08	1.56E-07	9.12E-08	1.87E-08	1.10E-07
7423	624943.07	4265815.86	5.87E-07	2.02E-07	7.89E-07	4.91E-07	1.51E-07	6.42E-07	1.16E-07	3.87E-08	1.55E-07	9.06E-08	1.86E-08	1.09E-07
7424	624943.23	4265805.92	5.84E-07	2.01E-07	7.85E-07	4.88E-07	1.50E-07	6.38E-07	1.16E-07	3.85E-08	1.54E-07	9.01E-08	1.85E-08	1.09E-07
7425	624943.4	4265795.99	5.80E-07	2.00E-07	7.80E-07	4.85E-07	1.49E-07	6.34E-07	1.15E-07	3.82E-08	1.53E-07	8.95E-08	1.84E-08	1.08E-07
7426	624943.56	4265786.06	5.76E-07	1.98E-07	7.74E-07	4.82E-07	1.48E-07	6.30E-07	1.14E-07	3.80E-08	1.52E-07	8.89E-08	1.83E-08	1.07E-07
7427	624943.72	4265776.12	5.72E-07	1.97E-07	7.69E-07	4.78E-07	1.47E-07	6.25E-07	1.13E-07	3.77E-08	1.51E-07	8.83E-08	1.82E-08	1.06E-07
7428	624943.89	4265766.19	5.68E-07	1.95E-07	7.63E-07	4.75E-07	1.46E-07	6.21E-07	1.12E-07	3.74E-08	1.50E-07	8.76E-08	1.80E-08	1.06E-07
7429	624944.05	4265756.26	5.63E-07	1.94E-07	7.57E-07	4.71E-07	1.45E-07	6.16E-07	1.11E-07	3.71E-08	1.49E-07	8.69E-08	1.79E-08	1.05E-07
7430	624944.21	4265746.32	5.59E-07	1.92E-07	7.51E-07	4.67E-07	1.44E-07	6.11E-07	1.11E-07	3.68E-08	1.47E-07	8.62E-08	1.77E-08	1.04E-07
7431	624944.38	4265736.39	5.54E-07	1.90E-07	7.44E-07	4.63E-07	1.43E-07	6.06E-07	1.10E-07	3.65E-08	1.46E-07	8.55E-08	1.76E-08	1.03E-07
7432	624944.54	4265726.46	5.49E-07	1.89E-07	7.38E-07	4.59E-07	1.41E-07	6.00E-07	1.09E-07	3.62E-08	1.45E-07	8.47E-08	1.74E-08	1.02E-07
7433	624944.7	4265716.52	5.44E-07	1.87E-07	7.31E-07	4.55E-07	1.40E-07	5.95E-07	1.08E-07	3.59E-08	1.44E-07	8.40E-08	1.73E-08	1.01E-07
7434	624944.87	4265706.59	5.39E-07	1.85E-07	7.25E-07	4.51E-07	1.39E-07	5.90E-07	1.07E-07	3.55E-08	1.42E-07	8.32E-08	1.71E-08	1.00E-07
7435	624945.03	4265696.66	5.35E-07	1.84E-07	7.18E-07	4.47E-07	1.38E-07	5.84E-07	1.06E-07	3.52E-08	1.41E-07	8.25E-08	1.70E-08	9.94E-08
7436	624945.19	4265686.72	5.29E-07	1.82E-07	7.11E-07	4.42E-07	1.36E-07	5.79E-07	1.05E-07	3.49E-08	1.40E-07	8.17E-08	1.68E-08	9.85E-08
7437	624945.36	4265676.79	5.24E-07	1.80E-07	7.04E-07	4.38E-07	1.35E-07	5.73E-07	1.04E-07	3.45E-08	1.38E-07	8.08E-08	1.66E-08	9.74E-08
7438	624936.07	4266180.11	4.75E-07	1.63E-07	6.38E-07	3.97E-07	1.22E-07	5.19E-07	9.40E-08	3.13E-08	1.25E-07	7.33E-08	1.51E-08	8.83E-08
7439	624932.26	4266188.89	4.80E-07	1.65E-07	6.45E-07	4.01E-07	1.24E-07	5.25E-07	9.50E-08	3.16E-08	1.27E-07	7.41E-08	1.52E-08	8.93E-08
7440	624928.44	4266197.67	4.85E-07	1.67E-07	6.52E-07	4.05E-07	1.25E-07	5.30E-07	9.60E-08	3.20E-08	1.28E-07	7.48E-08	1.54E-08	9.02E-08
7441	624908.1	4266227.53	5.20E-07	1.79E-07	6.98E-07	4.34E-07	1.34E-07	5.68E-07	1.03E-07	3.42E-08	1.37E-07	8.02E-08	1.65E-08	9.67E-08
7442	624899.19	4266231.04	5.45E-07	1.87E-07	7.32E-07	4.55E-07	1.40E-07	5.95E-07	1.08E-07	3.59E-08	1.44E-07	8.40E-08	1.73E-08	1.01E-07
7443	624890.28	4266234.55	5.70E-07	1.96E-07	7.66E-07	4.76E-07	1.47E-07	6.23E-07	1.13E-07	3.75E-08	1.50E-07	8.79E-08	1.81E-08	1.06E-07
7444	624881.37	4266238.06	5.95E-07	2.05E-07	8.00E-07	4.97E-07	1.53E-07	6.51E-07	1.18E-07	3.92E-08	1.57E-07	9.18E-08	1.89E-08	1.11E-07
7445	624872.46	4266241.57	6.20E-07	2.13E-07	8.33E-07	5.18E-07	1.60E-07	6.77E-07	1.23E-07	4.08E-08	1.63E-07	9.56E-08	1.97E-08	1.15E-07
7446	624863.55	4266245.08	6.43E-07	2.21E-07	8.64E-07	5.37E-07	1.65E-07	7.03E-07	1.27E-07	4.23E-08	1.70E-07	9.92E-08	2.04E-08	1.20E-07
7447	624854.64	4266248.59	6.64E-07	2.28E-07	8.92E-07	5.55E-07	1.71E-07	7.25E-07	1.31E-07	4.37E-08	1.75E-07	1.02E-07	2.11E-08	1.23E-07
7448	624947.67	4266143.82	4.61E-07	1.59E-07	6.19E-07	3.85E-07	1.19E-07	5.04E-07	9.12E-08	3.04E-08	1.22E-07	7.11E-08	1.46E-08	8.58E-08
7449	624947.83	4266133.89	4.66E-07	1.60E-07	6.26E-07	3.89E-07	1.20E-07	5.09E-07	9.22E-08	3.07E-08	1.23E-07	7.18E-08	1.48E-08	8.66E-08
7450	624948	4266123.96	4.70E-07	1.62E-07	6.32E-07	3.93E-07	1.21E-07	5.14E-07	9.31E-08	3.10E-08	1.24E-07	7.26E-08	1.49E-08	8.75E-08
7451	624948.16	4266114.02	4.75E-07	1.63E-07	6.39E-07	3.97E-07	1.22E-07	5.19E-07	9.40E-08	3.13E-08	1.25E-07	7.33E-08	1.51E-08	8.84E-08
7452	624948.32	4266104.09	4.80E-07	1.65E-07	6.45E-07	4.01E-07	1.24E-07	5.25E-07	9.51E-08	3.16E-08	1.27E-07	7.41E-08	1.52E-08	8.93E-08
7453	624948.49	4266094.16	4.86E-07	1.67E-07	6.52E-07	4.06E-07	1.25E-07	5.31E-07	9.61E-08	3.20E-08	1.28E-07	7.49E-08	1.54E-08	9.03E-08
7454	624948.65	4266084.22	4.91E-07	1.69E-07	6.60E-07	4.10E-07	1.26E-07	5.37E-07	9.72E-08	3.23E-08	1.30E-07	7.58E-08	1.56E-08	9.13E-08
7455	624948.81	4266074.29	4.97E-07	1.71E-07	6.67E-07	4.15E-07	1.28E-07	5.43E-07	9.83E-08	3.27E-08	1.31E-07	7.66E-08	1.58E-08	9.24E-08
7456	624948.98	4266064.36	5.02E-07	1.73E-07	6.75E-07	4.20E-07	1.29E-07	5.49E-07	9.94E-08	3.31E-08	1.32E-07	7.75E-08	1.59E-08	9.34E-08
7457	624949.14	4266054.42	5.08E-07	1.75E-07	6.82E-07	4.24E-07	1.31E-07	5.55E-07	1.00E-07	3.34E-08	1.34E-07	7.83E-08	1.61E-08	9.44E-08
7458	624949.31	4266044.49	5.13E-07	1.76E-07	6.89E-07	4.29E-07	1.32E-07	5.61E-07	1.02E-07	3.38E-08	1.35E-07	7.91E-08	1.63E-08	9.54E-08
7459	624949.47	4266034.56	5.18E-07	1.78E-07	6.97E-07	4.33E-07	1.33E-07	5.67E-07	1.03E-07	3.42E-08	1.37E-07	8.00E-08	1.65E-08	9.64E-08
7460	624949.63	4266024.62	5.24E-07	1.80E-07	7.04E-07	4.38E-07	1.35E-07	5.73E-07	1.04E-07	3.45E-08	1.38E-07	8.08E-08	1.66E-08	9.74E-08
7461	624949.8	4266014.69	5.29E-07	1.82E-07	7.10E-07	4.42E-07	1.36E-07	5.78E-07	1.05E-07	3.48E-08	1.39E-07	8.16E-08	1.68E-08	9.83E-08
7462	624949.96	4266004.76	5.33E-07	1.83E-07	7.16E-07	4.45E-07	1.37E-07	5.83E-07	1.05E-07	3.51E-08	1.41E-07	8.22E-08	1.69E-08	9.92E-08
7463	624950.12	4265994.82	5.37E-07	1.85E-07	7.22E-07	4.49E-07	1.38E-07	5.87E-07	1.06E-07	3.54E-08	1.42E-07	8.29E-08	1.70E-08	9.99E-08
7464	624950.29	4265984.89	5.41E-07	1.86E-07	7.26E-07	4.52E-07	1.39E-07	5.91E-07	1.07E-07	3.56E-08	1.43E-07	8.34E-08	1.72E-08	1.01E-07
7465	624950.45	4265974.96	5.44E-07	1.87E-07	7.31E-07	4.55E-07	1.40E-07	5.95E-07	1.08E-07	3.58E-08	1.43E-07	8.39E-08	1.73E-08	1.01E-07
7466	624950.61	4265965.02	5.47E-07	1.88E-07	7.35E-07	4.57E-07	1.41E-07	5.98E-07	1.08E-07	3.60E-08	1.44E-07	8.44E-08	1.74E-08	1.02E-07
7467	624950.78	4265955.09	5.49E-07	1.89E-07	7.38E-07	4.59E-07	1.41E-07	6.00E-07	1.09E-07	3.62E-08	1.45E-07	8.47E-08	1.74E-08	1.02E-07
7468	624950.94	4265945.16	5.51E-07	1.90E-07	7.41E-07	4.61E-07	1.42E-07	6.03E-07	1.09E-07	3.63E-08	1.45E-07	8.51E-08	1.75E-08	1.03E-07
7469	624951.1	4265935.22	5.53E-07	1.90E-07	7.43E-07	4.62E-07	1.42E-07	6.05E-07	1.09E-07	3.64E-08	1.46E-07	8.53E-08	1.76E-08	1.03E-07
7470	624951.27	4265925.29	5.54E-07	1.91E-07	7.45E-07	4.63E-07	1.43E-07	6.06E-07	1.10E-07	3.65E-08	1.46E-07	8.55E-08	1.76E-08	1.03E-07
7471	624951.43	4265915.36	5.56E-07	1.91E-07	7.47E-07	4.64E-07	1.43E-07	6.07E-07	1.10E-07	3.66E-08	1.47E-07	8.57E-08	1.76E-08	1.03E-07
7472	624951.59	4265905.42	5.56E-07	1.91E-07	7.48E-07	4.65E-07	1.43E-07	6.08E-07	1.10E-07	3.67E-08	1.47E-07	8.59E-08	1.77E-08	1.04E-07
7473	624951.76	4265895.49	5.57E-07	1.91E-07	7.48E-07	4.65E-07	1.43E-07	6.09E-07	1.10E-07	3.67E-08	1.47E-07	8.59E-08	1.77E-08	1.04E-07
7474	624951.92	4265885.56	5.57E-07	1.91E-07	7.48E-07	4.65E-07	1.43E-07	6.08E-07	1.10E-07	3.67E-08	1.47E-07	8.59E-08	1.77E-08	1.04E-07
7475	624952.09	4265875.62	5.56E-07	1.91E-07	7.47E-07	4.65E-07	1.43E-07	6.08E-07	1.10E-07	3.66E-08	1.47E-07	8.58E-08	1.76E-08	1.03E-07
7476	624952.25	4265865.69	5.55E-07	1.91E-07	7.46E-07	4.64E-07	1.43E-07	6.07E-07	1.10E-07	3.66E-08	1.46E-07	8.56E-08	1.76E-08	1.03E-07
7477	624952.41	4265855.76	5.54E-07	1.90E-07	7.44E-07	4.63E-07	1.43E-07	6.05E-07	1.10E-07	3.65E-08	1.46E-07	8.54E-08	1.76E-08	1.03E-07
7478	624952.58	4265845.82	5.52E-07	1.90E-07	7.42E-07	4.61E-07	1.42E-07	6.03E-07	1.09E-07	3.64E-08	1.46E-07	8.52E-08	1.75E-08	1.03E-07
7479	624952.74	4265835.89	5.50E-07	1.89E-07	7.39E-07	4.60E-07	1.42E-07	6.01E-07	1.09E-07	3.62E-08	1.45E-07	8.49E-08	1.75E-08	1.02E-07
7480	624952.9	4265825.96	5.48E-07	1.88E-07	7.36E-07	4.58E-07	1.41E-07	5.99E-07	1.08E-07	3.61E-08	1.45E-07	8.45E-08	1.74E-08	1.02E-07
7481	624953.07	4265816.02	5.45E-07	1.88E-07	7.33E-07	4.56E-07	1.40E-07	5.96E-07	1.08E-07	3.59E-08	1.44E-07	8.41E-08	1.73E-08	1.01E-07
7482	624953.23	4265806.09	5.43E-07	1.87E-07	7.29E-07	4.54E-07	1.40E-07	5.93E-07	1.07E-07	3.57E-08	1.43E-07	8.37E-08	1.72E-08	1.01E-07
7483	624953.39	4265796.16	5.40E-07	1.86E-07	7.25E-07	4.51E-07	1.39E-07	5.90E-07	1.07E-07	3.56E-08	1.42E-07	8.33E-08	1.71E-08	1.00E-07
7484	624953.56	4265786.22	5.37E-07	1.85E-07	7.21E-07	4.49E-07	1.38E-07	5.87E-07	1.06E-07	3.54E-08	1.42E-07	8.28E-08	1.70E-08	9.98E-08

7485	624953.72	4265776.29	5.33E-07	1.83E-07	7.17E-07	4.46E-07	1.37E-07	5.83E-07	1.06E-07	3.51E-08	1.41E-07	8.23E-08	1.69E-08	9.92E-08
7486	624953.88	4265766.36	5.30E-07	1.82E-07	7.12E-07	4.43E-07	1.36E-07	5.79E-07	1.05E-07	3.49E-08	1.40E-07	8.18E-08	1.68E-08	9.86E-08
7487	624954.05	4265756.42	5.26E-07	1.81E-07	7.07E-07	4.40E-07	1.35E-07	5.75E-07	1.04E-07	3.47E-08	1.39E-07	8.12E-08	1.67E-08	9.79E-08
7488	624954.21	4265746.49	5.23E-07	1.80E-07	7.02E-07	4.37E-07	1.35E-07	5.71E-07	1.03E-07	3.44E-08	1.38E-07	8.06E-08	1.66E-08	9.72E-08
7489	624954.38	4265736.56	5.19E-07	1.78E-07	6.97E-07	4.33E-07	1.34E-07	5.67E-07	1.03E-07	3.42E-08	1.37E-07	8.00E-08	1.65E-08	9.65E-08
7490	624954.54	4265726.62	5.15E-07	1.77E-07	6.92E-07	4.30E-07	1.33E-07	5.63E-07	1.02E-07	3.39E-08	1.36E-07	7.94E-08	1.63E-08	9.57E-08
7491	624954.7	4265716.69	5.11E-07	1.76E-07	6.86E-07	4.27E-07	1.31E-07	5.58E-07	1.01E-07	3.36E-08	1.35E-07	7.88E-08	1.62E-08	9.50E-08
7492	624954.87	4265706.76	5.07E-07	1.74E-07	6.81E-07	4.24E-07	1.30E-07	5.54E-07	1.00E-07	3.34E-08	1.34E-07	7.82E-08	1.61E-08	9.43E-08
7493	624955.03	4265696.82	5.03E-07	1.73E-07	6.76E-07	4.20E-07	1.29E-07	5.50E-07	9.95E-08	3.31E-08	1.33E-07	7.76E-08	1.60E-08	9.36E-08
7494	624955.19	4265686.89	4.99E-07	1.72E-07	6.70E-07	4.17E-07	1.28E-07	5.45E-07	9.87E-08	3.29E-08	1.32E-07	7.70E-08	1.58E-08	9.28E-08
7495	624955.36	4265676.96	4.94E-07	1.70E-07	6.64E-07	4.13E-07	1.27E-07	5.40E-07	9.78E-08	3.26E-08	1.30E-07	7.62E-08	1.57E-08	9.19E-08
7496	624961.07	4266180.52	4.06E-07	1.40E-07	5.46E-07	3.40E-07	1.05E-07	4.44E-07	8.05E-08	2.68E-08	1.07E-07	6.27E-08	1.29E-08	7.56E-08
7497	624957.25	4266189.3	4.11E-07	1.41E-07	5.53E-07	3.44E-07	1.06E-07	4.50E-07	8.14E-08	2.71E-08	1.08E-07	6.34E-08	1.30E-08	7.65E-08
7498	624953.44	4266198.08	4.16E-07	1.43E-07	5.58E-07	3.47E-07	1.07E-07	4.54E-07	8.23E-08	2.74E-08	1.10E-07	6.41E-08	1.32E-08	7.73E-08
7499	624942	4266224.44	4.27E-07	1.47E-07	5.73E-07	3.57E-07	1.10E-07	4.66E-07	8.44E-08	2.81E-08	1.13E-07	6.58E-08	1.35E-08	7.94E-08
7500	624938.19	4266233.22	4.29E-07	1.48E-07	5.77E-07	3.59E-07	1.11E-07	4.69E-07	8.50E-08	2.83E-08	1.13E-07	6.63E-08	1.36E-08	7.99E-08
7501	624925.47	4266245.51	4.51E-07	1.55E-07	6.05E-07	3.77E-07	1.16E-07	4.93E-07	8.92E-08	2.97E-08	1.19E-07	6.95E-08	1.43E-08	8.38E-08
7502	624916.56	4266249.02	4.70E-07	1.62E-07	6.32E-07	3.93E-07	1.21E-07	5.14E-07	9.30E-08	3.10E-08	1.24E-07	7.25E-08	1.49E-08	8.74E-08
7503	624907.65	4266252.53	4.90E-07	1.68E-07	6.58E-07	4.09E-07	1.26E-07	5.35E-07	9.69E-08	3.23E-08	1.29E-07	7.55E-08	1.55E-08	9.11E-08
7504	624898.74	4266256.04	5.09E-07	1.75E-07	6.84E-07	4.26E-07	1.31E-07	5.57E-07	1.01E-07	3.36E-08	1.34E-07	7.86E-08	1.62E-08	9.47E-08
7505	624889.83	4266259.55	5.29E-07	1.82E-07	7.10E-07	4.42E-07	1.36E-07	5.78E-07	1.05E-07	3.48E-08	1.39E-07	8.16E-08	1.68E-08	9.83E-08
7506	624880.92	4266263.05	5.47E-07	1.88E-07	7.35E-07	4.57E-07	1.41E-07	5.98E-07	1.08E-07	3.60E-08	1.44E-07	8.44E-08	1.74E-08	1.02E-07
7507	624872.02	4266266.56	5.65E-07	1.94E-07	7.59E-07	4.72E-07	1.45E-07	6.17E-07	1.12E-07	3.72E-08	1.49E-07	8.71E-08	1.79E-08	1.05E-07
7508	624863.11	4266270.07	5.80E-07	2.00E-07	7.80E-07	4.85E-07	1.49E-07	6.35E-07	1.15E-07	3.82E-08	1.53E-07	8.96E-08	1.84E-08	1.08E-07
7509	624854.2	4266273.58	5.94E-07	2.04E-07	7.99E-07	4.97E-07	1.53E-07	6.50E-07	1.18E-07	3.92E-08	1.57E-07	9.17E-08	1.89E-08	1.11E-07
7510	624972.67	4266144.23	3.93E-07	1.35E-07	5.29E-07	3.29E-07	1.01E-07	4.30E-07	7.78E-08	2.59E-08	1.04E-07	6.07E-08	1.25E-08	7.32E-08
7511	624972.83	4266134.3	3.96E-07	1.36E-07	5.33E-07	3.31E-07	1.02E-07	4.33E-07	7.84E-08	2.61E-08	1.05E-07	6.11E-08	1.26E-08	7.37E-08
7512	624972.99	4266124.37	3.99E-07	1.37E-07	5.37E-07	3.34E-07	1.03E-07	4.37E-07	7.90E-08	2.63E-08	1.05E-07	6.16E-08	1.27E-08	7.43E-08
7513	624973.16	4266114.43	4.02E-07	1.38E-07	5.41E-07	3.36E-07	1.04E-07	4.40E-07	7.97E-08	2.65E-08	1.06E-07	6.21E-08	1.28E-08	7.49E-08
7514	624973.32	4266104.5	4.06E-07	1.40E-07	5.45E-07	3.39E-07	1.04E-07	4.44E-07	8.03E-08	2.67E-08	1.07E-07	6.26E-08	1.29E-08	7.55E-08
7515	624973.48	4266094.57	4.09E-07	1.41E-07	5.50E-07	3.42E-07	1.05E-07	4.47E-07	8.10E-08	2.70E-08	1.08E-07	6.31E-08	1.30E-08	7.61E-08
7516	624973.65	4266084.63	4.13E-07	1.42E-07	5.55E-07	3.45E-07	1.06E-07	4.51E-07	8.17E-08	2.72E-08	1.09E-07	6.37E-08	1.31E-08	7.68E-08
7517	624973.81	4266074.7	4.16E-07	1.43E-07	5.60E-07	3.48E-07	1.07E-07	4.55E-07	8.24E-08	2.74E-08	1.10E-07	6.43E-08	1.32E-08	7.75E-08
7518	624973.97	4266064.77	4.20E-07	1.45E-07	5.65E-07	3.51E-07	1.08E-07	4.59E-07	8.32E-08	2.77E-08	1.11E-07	6.48E-08	1.33E-08	7.82E-08
7519	624974.14	4266054.83	4.24E-07	1.46E-07	5.70E-07	3.54E-07	1.09E-07	4.64E-07	8.39E-08	2.79E-08	1.12E-07	6.54E-08	1.35E-08	7.89E-08
7520	624974.3	4266044.9	4.28E-07	1.47E-07	5.75E-07	3.58E-07	1.10E-07	4.68E-07	8.47E-08	2.82E-08	1.13E-07	6.60E-08	1.36E-08	7.96E-08
7521	624974.47	4266034.97	4.32E-07	1.48E-07	5.80E-07	3.61E-07	1.11E-07	4.72E-07	8.54E-08	2.84E-08	1.14E-07	6.66E-08	1.37E-08	8.03E-08
7522	624974.63	4266025.03	4.35E-07	1.50E-07	5.85E-07	3.64E-07	1.12E-07	4.76E-07	8.62E-08	2.87E-08	1.15E-07	6.72E-08	1.38E-08	8.10E-08
7523	624974.79	4266015.1	4.39E-07	1.51E-07	5.90E-07	3.67E-07	1.13E-07	4.80E-07	8.69E-08	2.89E-08	1.16E-07	6.77E-08	1.39E-08	8.17E-08
7524	624974.96	4266005.17	4.42E-07	1.52E-07	5.94E-07	3.70E-07	1.14E-07	4.83E-07	8.75E-08	2.91E-08	1.17E-07	6.82E-08	1.40E-08	8.23E-08
7525	624975.12	4265995.23	4.45E-07	1.53E-07	5.98E-07	3.72E-07	1.15E-07	4.87E-07	8.81E-08	2.93E-08	1.17E-07	6.87E-08	1.41E-08	8.28E-08
7526	624975.28	4265985.3	4.48E-07	1.54E-07	6.02E-07	3.74E-07	1.15E-07	4.90E-07	8.86E-08	2.95E-08	1.18E-07	6.91E-08	1.42E-08	8.33E-08
7527	624975.45	4265975.37	4.50E-07	1.55E-07	6.05E-07	3.76E-07	1.16E-07	4.92E-07	8.91E-08	2.97E-08	1.19E-07	6.95E-08	1.43E-08	8.38E-08
7528	624975.61	4265965.43	4.52E-07	1.56E-07	6.08E-07	3.78E-07	1.16E-07	4.95E-07	8.96E-08	2.98E-08	1.19E-07	6.98E-08	1.44E-08	8.42E-08
7529	624975.77	4265955.5	4.54E-07	1.56E-07	6.11E-07	3.80E-07	1.17E-07	4.97E-07	8.99E-08	2.99E-08	1.20E-07	7.01E-08	1.44E-08	8.45E-08
7530	624975.94	4265945.57	4.56E-07	1.57E-07	6.13E-07	3.81E-07	1.17E-07	4.99E-07	9.03E-08	3.01E-08	1.20E-07	7.04E-08	1.45E-08	8.49E-08
7531	624976.1	4265935.63	4.58E-07	1.57E-07	6.15E-07	3.82E-07	1.18E-07	5.00E-07	9.06E-08	3.01E-08	1.21E-07	7.06E-08	1.45E-08	8.51E-08
7532	624976.26	4265925.7	4.59E-07	1.58E-07	6.17E-07	3.84E-07	1.18E-07	5.02E-07	9.08E-08	3.02E-08	1.21E-07	7.08E-08	1.46E-08	8.54E-08
7533	624976.43	4265915.77	4.60E-07	1.58E-07	6.18E-07	3.85E-07	1.18E-07	5.03E-07	9.11E-08	3.03E-08	1.21E-07	7.10E-08	1.46E-08	8.56E-08
7534	624976.59	4265905.83	4.61E-07	1.59E-07	6.20E-07	3.85E-07	1.19E-07	5.04E-07	9.13E-08	3.04E-08	1.22E-07	7.12E-08	1.46E-08	8.58E-08
7535	624976.76	4265895.9	4.62E-07	1.59E-07	6.21E-07	3.86E-07	1.19E-07	5.05E-07	9.14E-08	3.04E-08	1.22E-07	7.13E-08	1.47E-08	8.59E-08
7536	624976.92	4265885.97	4.62E-07	1.59E-07	6.21E-07	3.86E-07	1.19E-07	5.05E-07	9.15E-08	3.05E-08	1.22E-07	7.13E-08	1.47E-08	8.60E-08
7537	624977.08	4265876.03	4.62E-07	1.59E-07	6.21E-07	3.86E-07	1.19E-07	5.06E-07	9.15E-08	3.05E-08	1.22E-07	7.14E-08	1.47E-08	8.60E-08
7538	624977.25	4265866.1	4.62E-07	1.59E-07	6.21E-07	3.86E-07	1.19E-07	5.05E-07	9.15E-08	3.05E-08	1.22E-07	7.13E-08	1.47E-08	8.60E-08
7539	624977.41	4265856.17	4.62E-07	1.59E-07	6.21E-07	3.86E-07	1.19E-07	5.05E-07	9.14E-08	3.04E-08	1.22E-07	7.13E-08	1.47E-08	8.59E-08
7540	624977.57	4265846.23	4.62E-07	1.59E-07	6.20E-07	3.86E-07	1.19E-07	5.05E-07	9.13E-08	3.04E-08	1.22E-07	7.12E-08	1.46E-08	8.59E-08
7541	624977.74	4265836.3	4.61E-07	1.58E-07	6.19E-07	3.85E-07	1.19E-07	5.04E-07	9.12E-08	3.04E-08	1.22E-07	7.11E-08	1.46E-08	8.57E-08
7542	624977.9	4265826.37	4.60E-07	1.58E-07	6.18E-07	3.84E-07	1.18E-07	5.03E-07	9.10E-08	3.03E-08	1.21E-07	7.10E-08	1.46E-08	8.56E-08
7543	624978.06	4265816.43	4.59E-07	1.58E-07	6.17E-07	3.84E-07	1.18E-07	5.02E-07	9.08E-08	3.02E-08	1.21E-07	7.08E-08	1.46E-08	8.54E-08
7544	624978.23	4265806.5	4.58E-07	1.57E-07	6.15E-07	3.83E-07	1.18E-07	5.00E-07	9.06E-08	3.02E-08	1.21E-07	7.06E-08	1.45E-08	8.51E-08
7545	624978.39	4265796.57	4.56E-07	1.57E-07	6.13E-07	3.81E-07	1.17E-07	4.99E-07	9.03E-08	3.01E-08	1.20E-07	7.04E-08	1.45E-08	8.49E-08
7546	624978.55	4265786.63	4.55E-07	1.56E-07	6.11E-07	3.80E-07	1.17E-07	4.97E-07	9.00E-08	3.00E-08	1.20E-07	7.01E-08	1.44E-08	8.46E-08
7547	624978.72	4265776.7	4.53E-07	1.56E-07	6.08E-07	3.78E-07	1.17E-07	4.95E-07	8.96E-08	2.98E-08	1.19E-07	6.99E-08	1.44E-08	8.42E-08
7548	624978.88	4265766.77	4.51E-07	1.55E-07	6.06E-07	3.77E-07	1.16E-07	4.93E-07	8.92E-08	2.97E-08	1.19E-07	6.96E-08	1.43E-08	8.39E-08
7549	624979.04	4265756.83	4.49E-07	1.54E-07	6.03E-07	3.75E-07	1.16E-07	4.91E-07	8.88E-08	2.96E-08	1.18E-07	6.92E-08	1.42E-08	8.35E-08
7550	624979.21	4265746.9	4.46E-07	1.54E-07	6.00E-07	3.73E-07	1.15E-07	4.88E-07	8.84E-08	2.94E-08	1.18E-07	6.89E-08	1.42E-08	8.31E-08
7551	624979.37	4265736.97	4.44E-07	1.53E-07	5.97E-07	3.71E-07	1.14E-07	4.86E-07	8.79E-08	2.93E-08	1.17E-07	6.86E-08	1.41E-08	8.26E-08
7552	624979.54	4265727.03	4.42E-07	1.52E-07	5.94E-07	3.70E-07	1.14E-07	4.83E-07	8.75E-08	2.91E-08	1.17E-07	6.82E-08	1.40E-08	8.22E-08
7553	624979.7	4265717.1	4.40E-07	1.51E-07	5.91E-07	3.68E-07	1.13E-07	4.81E-07	8.71E-08	2.90E-08	1.16E-07	6.79E-08	1.40E-08	8.18E-08
7554	624979.86	4265707.17	4.38E-07	1.50E-07	5.88E-07	3.66E-07	1.13E-07	4.78E-07	8.66E-08	2.88E-08	1.15E-07	6.75E-08	1.39E-08	8.14E-08
7555	624980.03	4265697.23	4.35E-07	1.50E-07	5.85E-07	3.64E-07	1.12E-07	4.76E-07	8.61E-08	2.87E-08	1.15E-07	6.72E-08	1.38E-08	8.10E-08
7556	624980.19	4265687.3	4.33E-07	1.49E-07	5.81E-07	3.62E-07	1.11E-07	4.73E-07	8.56E-08	2.85E-08	1.14E-07	6.68E-08	1.37E-08	8.05E-08

7557	624980.35	4265677.37	4.30E-07	1.48E-07	5.77E-07	3.59E-07	1.11E-07	4.70E-07	8.51E-08	2.83E-08	1.13E-07	6.63E-08	1.36E-08	7.99E-08
7558	624986.06	4266180.93	3.52E-07	1.21E-07	4.73E-07	2.94E-07	9.07E-08	3.85E-07	6.97E-08	2.32E-08	9.29E-08	5.44E-08	1.12E-08	6.55E-08
7559	624982.25	4266189.71	3.56E-07	1.23E-07	4.79E-07	2.98E-07	9.18E-08	3.90E-07	7.06E-08	2.35E-08	9.40E-08	5.50E-08	1.13E-08	6.63E-08
7560	624978.44	4266198.5	3.60E-07	1.24E-07	4.84E-07	3.01E-07	9.28E-08	3.94E-07	7.13E-08	2.37E-08	9.51E-08	5.56E-08	1.14E-08	6.70E-08
7561	624967	4266224.85	3.71E-07	1.27E-07	4.98E-07	3.10E-07	9.54E-08	4.05E-07	7.34E-08	2.44E-08	9.78E-08	5.72E-08	1.18E-08	6.90E-08
7562	624963.19	4266233.63	3.74E-07	1.28E-07	5.02E-07	3.12E-07	9.62E-08	4.09E-07	7.40E-08	2.46E-08	9.86E-08	5.77E-08	1.19E-08	6.95E-08
7563	624959.38	4266242.41	3.76E-07	1.29E-07	5.06E-07	3.15E-07	9.69E-08	4.11E-07	7.45E-08	2.48E-08	9.93E-08	5.81E-08	1.19E-08	7.00E-08
7564	624955.56	4266251.2	3.79E-07	1.30E-07	5.09E-07	3.16E-07	9.75E-08	4.14E-07	7.49E-08	2.49E-08	9.99E-08	5.84E-08	1.20E-08	7.04E-08
7565	624942.84	4266263.49	3.96E-07	1.36E-07	5.32E-07	3.31E-07	1.02E-07	4.33E-07	7.83E-08	2.61E-08	1.04E-07	6.11E-08	1.26E-08	7.36E-08
7566	624933.93	4266267	4.11E-07	1.41E-07	5.53E-07	3.44E-07	1.06E-07	4.50E-07	8.14E-08	2.71E-08	1.09E-07	6.35E-08	1.31E-08	7.65E-08
7567	624925.02	4266270.51	4.27E-07	1.47E-07	5.74E-07	3.57E-07	1.10E-07	4.67E-07	8.46E-08	2.81E-08	1.13E-07	6.59E-08	1.36E-08	7.95E-08
7568	624916.11	4266274.02	4.43E-07	1.52E-07	5.95E-07	3.70E-07	1.14E-07	4.84E-07	8.77E-08	2.92E-08	1.17E-07	6.84E-08	1.41E-08	8.24E-08
7569	624907.21	4266277.52	4.59E-07	1.58E-07	6.16E-07	3.83E-07	1.18E-07	5.02E-07	9.08E-08	3.02E-08	1.21E-07	7.08E-08	1.46E-08	8.53E-08
7570	624898.3	4266281.03	4.74E-07	1.63E-07	6.37E-07	3.96E-07	1.22E-07	5.18E-07	9.38E-08	3.12E-08	1.25E-07	7.31E-08	1.50E-08	8.82E-08
7571	624889.39	4266284.54	4.88E-07	1.68E-07	6.56E-07	4.08E-07	1.26E-07	5.34E-07	9.67E-08	3.22E-08	1.29E-07	7.54E-08	1.55E-08	9.09E-08
7572	624880.48	4266288.05	5.02E-07	1.73E-07	6.75E-07	4.20E-07	1.29E-07	5.49E-07	9.94E-08	3.31E-08	1.32E-07	7.75E-08	1.59E-08	9.34E-08
7573	624997.66	4266144.65	3.40E-07	1.17E-07	4.57E-07	2.84E-07	8.76E-08	3.72E-07	6.73E-08	2.24E-08	8.97E-08	5.25E-08	1.08E-08	6.33E-08
7574	624997.83	4266134.71	3.42E-07	1.18E-07	4.60E-07	2.86E-07	8.80E-08	3.74E-07	6.77E-08	2.25E-08	9.02E-08	5.28E-08	1.09E-08	6.36E-08
7575	624997.99	4266124.78	3.44E-07	1.18E-07	4.62E-07	2.87E-07	8.86E-08	3.76E-07	6.81E-08	2.27E-08	9.07E-08	5.31E-08	1.09E-08	6.40E-08
7576	624998.15	4266114.85	3.46E-07	1.19E-07	4.65E-07	2.89E-07	8.91E-08	3.78E-07	6.85E-08	2.28E-08	9.13E-08	5.34E-08	1.10E-08	6.44E-08
7577	624998.32	4266104.91	3.48E-07	1.20E-07	4.68E-07	2.91E-07	8.96E-08	3.81E-07	6.89E-08	2.29E-08	9.19E-08	5.37E-08	1.10E-08	6.48E-08
7578	624998.48	4266094.98	3.50E-07	1.21E-07	4.71E-07	2.93E-07	9.02E-08	3.83E-07	6.94E-08	2.31E-08	9.25E-08	5.41E-08	1.11E-08	6.52E-08
7579	624998.64	4266085.05	3.53E-07	1.21E-07	4.74E-07	2.95E-07	9.08E-08	3.86E-07	6.98E-08	2.32E-08	9.31E-08	5.44E-08	1.12E-08	6.56E-08
7580	624998.81	4266075.11	3.55E-07	1.22E-07	4.78E-07	2.97E-07	9.15E-08	3.89E-07	7.03E-08	2.34E-08	9.38E-08	5.48E-08	1.13E-08	6.61E-08
7581	624998.97	4266065.18	3.58E-07	1.23E-07	4.81E-07	2.99E-07	9.22E-08	3.92E-07	7.09E-08	2.36E-08	9.45E-08	5.53E-08	1.14E-08	6.66E-08
7582	624999.14	4266055.25	3.61E-07	1.24E-07	4.85E-07	3.02E-07	9.29E-08	3.95E-07	7.14E-08	2.38E-08	9.52E-08	5.57E-08	1.15E-08	6.71E-08
7583	624999.3	4266045.31	3.64E-07	1.25E-07	4.89E-07	3.04E-07	9.36E-08	3.98E-07	7.20E-08	2.40E-08	9.59E-08	5.61E-08	1.15E-08	6.76E-08
7584	624999.46	4266035.38	3.66E-07	1.26E-07	4.92E-07	3.06E-07	9.43E-08	4.01E-07	7.25E-08	2.41E-08	9.67E-08	5.65E-08	1.16E-08	6.82E-08
7585	624999.63	4266025.45	3.69E-07	1.27E-07	4.96E-07	3.08E-07	9.50E-08	4.03E-07	7.30E-08	2.43E-08	9.74E-08	5.69E-08	1.17E-08	6.87E-08
7586	624999.79	4266015.51	3.72E-07	1.28E-07	4.99E-07	3.11E-07	9.57E-08	4.06E-07	7.36E-08	2.45E-08	9.80E-08	5.73E-08	1.18E-08	6.91E-08
7587	624999.95	4266005.58	3.74E-07	1.29E-07	5.03E-07	3.13E-07	9.63E-08	4.09E-07	7.40E-08	2.46E-08	9.87E-08	5.77E-08	1.19E-08	6.96E-08
7588	625000.12	4265995.65	3.76E-07	1.29E-07	5.06E-07	3.14E-07	9.69E-08	4.11E-07	7.45E-08	2.48E-08	9.92E-08	5.80E-08	1.19E-08	7.00E-08
7589	625000.28	4265985.71	3.78E-07	1.30E-07	5.08E-07	3.16E-07	9.74E-08	4.14E-07	7.49E-08	2.49E-08	9.98E-08	5.84E-08	1.20E-08	7.04E-08
7590	625000.44	4265975.78	3.80E-07	1.31E-07	5.11E-07	3.18E-07	9.79E-08	4.16E-07	7.53E-08	2.51E-08	1.00E-07	5.87E-08	1.21E-08	7.07E-08
7591	625000.61	4265965.85	3.82E-07	1.31E-07	5.13E-07	3.19E-07	9.84E-08	4.18E-07	7.56E-08	2.52E-08	1.01E-07	5.89E-08	1.21E-08	7.11E-08
7592	625000.77	4265955.91	3.84E-07	1.32E-07	5.16E-07	3.21E-07	9.88E-08	4.19E-07	7.59E-08	2.53E-08	1.01E-07	5.92E-08	1.22E-08	7.14E-08
7593	625000.93	4265945.98	3.85E-07	1.33E-07	5.18E-07	3.22E-07	9.92E-08	4.21E-07	7.63E-08	2.54E-08	1.02E-07	5.95E-08	1.22E-08	7.17E-08
7594	625001.1	4265936.05	3.87E-07	1.33E-07	5.20E-07	3.23E-07	9.96E-08	4.23E-07	7.66E-08	2.55E-08	1.02E-07	5.97E-08	1.23E-08	7.20E-08
7595	625001.26	4265926.11	3.88E-07	1.33E-07	5.22E-07	3.24E-07	9.99E-08	4.24E-07	7.68E-08	2.56E-08	1.02E-07	5.99E-08	1.23E-08	7.22E-08
7596	625001.42	4265916.18	3.89E-07	1.34E-07	5.23E-07	3.25E-07	1.00E-07	4.26E-07	7.71E-08	2.57E-08	1.03E-07	6.01E-08	1.24E-08	7.24E-08
7597	625001.59	4265906.25	3.90E-07	1.34E-07	5.25E-07	3.26E-07	1.01E-07	4.27E-07	7.73E-08	2.57E-08	1.03E-07	6.02E-08	1.24E-08	7.26E-08
7598	625001.75	4265896.31	3.91E-07	1.35E-07	5.26E-07	3.27E-07	1.01E-07	4.28E-07	7.74E-08	2.58E-08	1.03E-07	6.04E-08	1.24E-08	7.28E-08
7599	625001.92	4265886.38	3.92E-07	1.35E-07	5.27E-07	3.28E-07	1.01E-07	4.28E-07	7.76E-08	2.58E-08	1.03E-07	6.05E-08	1.24E-08	7.29E-08
7600	625002.08	4265876.45	3.92E-07	1.35E-07	5.27E-07	3.28E-07	1.01E-07	4.29E-07	7.77E-08	2.59E-08	1.04E-07	6.06E-08	1.25E-08	7.30E-08
7601	625002.24	4265866.51	3.93E-07	1.35E-07	5.28E-07	3.28E-07	1.01E-07	4.29E-07	7.78E-08	2.59E-08	1.04E-07	6.06E-08	1.25E-08	7.31E-08
7602	625002.41	4265856.58	3.93E-07	1.35E-07	5.28E-07	3.29E-07	1.01E-07	4.30E-07	7.78E-08	2.59E-08	1.04E-07	6.06E-08	1.25E-08	7.31E-08
7603	625002.57	4265846.65	3.93E-07	1.35E-07	5.28E-07	3.29E-07	1.01E-07	4.30E-07	7.78E-08	2.59E-08	1.04E-07	6.07E-08	1.25E-08	7.31E-08
7604	625002.73	4265836.71	3.93E-07	1.35E-07	5.28E-07	3.29E-07	1.01E-07	4.30E-07	7.78E-08	2.59E-08	1.04E-07	6.07E-08	1.25E-08	7.31E-08
7605	625002.9	4265826.78	3.93E-07	1.35E-07	5.28E-07	3.28E-07	1.01E-07	4.30E-07	7.78E-08	2.59E-08	1.04E-07	6.06E-08	1.25E-08	7.31E-08
7606	625003.06	4265816.85	3.93E-07	1.35E-07	5.28E-07	3.28E-07	1.01E-07	4.29E-07	7.77E-08	2.59E-08	1.04E-07	6.06E-08	1.25E-08	7.30E-08
7607	625003.22	4265806.91	3.92E-07	1.35E-07	5.27E-07	3.28E-07	1.01E-07	4.29E-07	7.76E-08	2.58E-08	1.03E-07	6.05E-08	1.24E-08	7.30E-08
7608	625003.39	4265796.98	3.91E-07	1.35E-07	5.26E-07	3.27E-07	1.01E-07	4.28E-07	7.75E-08	2.58E-08	1.03E-07	6.04E-08	1.24E-08	7.28E-08
7609	625003.55	4265787.05	3.91E-07	1.34E-07	5.25E-07	3.27E-07	1.01E-07	4.27E-07	7.73E-08	2.57E-08	1.03E-07	6.03E-08	1.24E-08	7.27E-08
7610	625003.71	4265777.11	3.90E-07	1.34E-07	5.24E-07	3.26E-07	1.00E-07	4.26E-07	7.71E-08	2.57E-08	1.03E-07	6.01E-08	1.24E-08	7.25E-08
7611	625003.88	4265767.18	3.89E-07	1.34E-07	5.22E-07	3.25E-07	1.00E-07	4.25E-07	7.69E-08	2.56E-08	1.03E-07	6.00E-08	1.23E-08	7.23E-08
7612	625004.04	4265757.25	3.88E-07	1.33E-07	5.21E-07	3.24E-07	9.98E-08	4.24E-07	7.67E-08	2.55E-08	1.02E-07	5.98E-08	1.23E-08	7.21E-08
7613	625004.2	4265747.31	3.86E-07	1.33E-07	5.19E-07	3.23E-07	9.95E-08	4.22E-07	7.65E-08	2.55E-08	1.02E-07	5.96E-08	1.23E-08	7.19E-08
7614	625004.37	4265737.38	3.85E-07	1.32E-07	5.18E-07	3.22E-07	9.92E-08	4.21E-07	7.62E-08	2.54E-08	1.02E-07	5.94E-08	1.22E-08	7.17E-08
7615	625004.53	4265727.45	3.84E-07	1.32E-07	5.16E-07	3.21E-07	9.88E-08	4.20E-07	7.60E-08	2.53E-08	1.01E-07	5.92E-08	1.22E-08	7.14E-08
7616	625004.7	4265717.51	3.83E-07	1.32E-07	5.14E-07	3.20E-07	9.85E-08	4.18E-07	7.57E-08	2.52E-08	1.01E-07	5.90E-08	1.21E-08	7.12E-08
7617	625004.86	4265707.58	3.81E-07	1.31E-07	5.13E-07	3.19E-07	9.82E-08	4.17E-07	7.55E-08	2.51E-08	1.01E-07	5.89E-08	1.21E-08	7.10E-08
7618	625005.02	4265697.65	3.80E-07	1.31E-07	5.11E-07	3.18E-07	9.79E-08	4.16E-07	7.52E-08	2.50E-08	1.00E-07	5.86E-08	1.21E-08	7.07E-08
7619	625005.19	4265687.71	3.79E-07	1.30E-07	5.09E-07	3.16E-07	9.75E-08	4.14E-07	7.49E-08	2.49E-08	9.99E-08	5.84E-08	1.20E-08	7.04E-08
7620	625005.35	4265677.78	3.77E-07	1.30E-07	5.06E-07	3.15E-07	9.70E-08	4.12E-07	7.46E-08	2.48E-08	9.94E-08	5.82E-08	1.20E-08	7.01E-08
7621	625011.06	4266181.34	3.08E-07	1.06E-07	4.15E-07	2.58E-07	7.94E-08	3.37E-07	6.11E-08	2.03E-08	8.14E-08	4.76E-08	9.79E-09	5.74E-08
7622	625007.25	4266190.12	3.12E-07	1.07E-07	4.20E-07	2.61E-07	8.04E-08	3.41E-07	6.18E-08	2.06E-08	8.24E-08	4.82E-08	9.91E-09	5.81E-08
7623	625003.43	4266198.91	3.16E-07	1.09E-07	4.24E-07	2.64E-07	8.13E-08	3.45E-07	6.25E-08	2.08E-08	8.33E-08	4.87E-08	1.00E-08	5.87E-08
7624	624988.18	4266234.04	3.28E-07	1.13E-07	4.41E-07	2.74E-07	8.44E-08	3.59E-07	6.49E-08	2.16E-08	8.65E-08	5.06E-08	1.04E-08	6.10E-08
7625	624984.37	4266242.83	3.31E-07	1.14E-07	4.44E-07	2.76E-07	8.51E-08	3.61E-07	6.54E-08	2.18E-08	8.72E-08	5.10E-08	1.05E-08	6.15E-08
7626	624980.56	4266251.61	3.33E-07	1.15E-07	4.47E-07	2.78E-07	8.57E-08	3.64E-07	6.59E-08	2.19E-08	8.78E-08	5.14E-08	1.06E-08	6.19E-08
7627	624976.75	4266260.39	3.35E-07	1.15E-07	4.50E-07	2.80E-07	8.63E-08	3.66E-07	6.63E-08	2.21E-08	8.84E-08	5.17E-08	1.06E-08	6.24E-08
7628	624972.93	4266269.18	3.37E-07	1.16E-07	4.53E-07	2.82E-07	8.68E-08	3.69E-07	6.67E-08	2.22E-08	8.89E-08	5.20E-08	1.07E-08	6.27E-08

7629	624960.21	4266281.47	3.51E-07	1.21E-07	4.72E-07	2.94E-07	9.05E-08	3.84E-07	6.95E-08	2.31E-08	9.27E-08	5.42E-08	1.12E-08	6.54E-08
7630	624951.3	4266284.98	3.64E-07	1.25E-07	4.90E-07	3.04E-07	9.38E-08	3.98E-07	7.21E-08	2.40E-08	9.61E-08	5.62E-08	1.16E-08	6.78E-08
7631	624888.94	4266309.54	4.51E-07	1.55E-07	6.06E-07	3.77E-07	1.16E-07	4.93E-07	8.93E-08	2.97E-08	1.19E-07	6.96E-08	1.43E-08	8.39E-08
7632	624880.03	4266313.05	4.61E-07	1.59E-07	6.20E-07	3.85E-07	1.19E-07	5.04E-07	9.13E-08	3.04E-08	1.22E-07	7.12E-08	1.46E-08	8.58E-08
7633	624871.12	4266316.56	4.70E-07	1.62E-07	6.32E-07	3.93E-07	1.21E-07	5.14E-07	9.31E-08	3.10E-08	1.24E-07	7.26E-08	1.49E-08	8.75E-08
7634	624862.21	4266320.06	4.78E-07	1.64E-07	6.43E-07	4.00E-07	1.23E-07	5.23E-07	9.47E-08	3.15E-08	1.26E-07	7.38E-08	1.52E-08	8.90E-08
7635	624853.3	4266323.57	4.85E-07	1.67E-07	6.52E-07	4.05E-07	1.25E-07	5.30E-07	9.60E-08	3.20E-08	1.28E-07	7.49E-08	1.54E-08	9.02E-08
7636	625022.66	4266145.06	2.97E-07	1.02E-07	4.00E-07	2.49E-07	7.66E-08	3.25E-07	5.89E-08	1.96E-08	7.85E-08	4.59E-08	9.44E-09	5.53E-08
7637	625022.82	4266135.12	2.99E-07	1.03E-07	4.01E-07	2.50E-07	7.69E-08	3.27E-07	5.91E-08	1.97E-08	7.88E-08	4.61E-08	9.48E-09	5.56E-08
7638	625022.99	4266125.19	3.00E-07	1.03E-07	4.03E-07	2.51E-07	7.72E-08	3.28E-07	5.94E-08	1.98E-08	7.91E-08	4.63E-08	9.52E-09	5.58E-08
7639	625023.15	4266115.26	3.01E-07	1.04E-07	4.05E-07	2.52E-07	7.76E-08	3.29E-07	5.96E-08	1.98E-08	7.95E-08	4.65E-08	9.56E-09	5.60E-08
7640	625023.31	4266105.32	3.03E-07	1.04E-07	4.07E-07	2.53E-07	7.79E-08	3.31E-07	5.99E-08	1.99E-08	7.99E-08	4.67E-08	9.61E-09	5.63E-08
7641	625023.48	4266095.39	3.04E-07	1.05E-07	4.09E-07	2.54E-07	7.83E-08	3.33E-07	6.02E-08	2.00E-08	8.03E-08	4.69E-08	9.65E-09	5.66E-08
7642	625023.64	4266085.46	3.06E-07	1.05E-07	4.11E-07	2.56E-07	7.88E-08	3.34E-07	6.05E-08	2.02E-08	8.07E-08	4.72E-08	9.71E-09	5.69E-08
7643	625023.8	4266075.52	3.08E-07	1.06E-07	4.13E-07	2.57E-07	7.92E-08	3.36E-07	6.09E-08	2.03E-08	8.12E-08	4.75E-08	9.76E-09	5.72E-08
7644	625023.97	4266065.59	3.10E-07	1.06E-07	4.16E-07	2.59E-07	7.97E-08	3.39E-07	6.13E-08	2.04E-08	8.17E-08	4.78E-08	9.83E-09	5.76E-08
7645	625024.13	4266055.66	3.12E-07	1.07E-07	4.19E-07	2.61E-07	8.03E-08	3.41E-07	6.17E-08	2.05E-08	8.22E-08	4.81E-08	9.89E-09	5.80E-08
7646	625024.3	4266045.72	3.14E-07	1.08E-07	4.22E-07	2.62E-07	8.08E-08	3.43E-07	6.21E-08	2.07E-08	8.28E-08	4.84E-08	9.96E-09	5.84E-08
7647	625024.46	4266035.79	3.16E-07	1.09E-07	4.24E-07	2.64E-07	8.13E-08	3.45E-07	6.25E-08	2.08E-08	8.33E-08	4.87E-08	1.00E-08	5.88E-08
7648	625024.62	4266025.86	3.18E-07	1.09E-07	4.27E-07	2.66E-07	8.18E-08	3.47E-07	6.29E-08	2.09E-08	8.38E-08	4.90E-08	1.01E-08	5.91E-08
7649	625024.79	4266015.92	3.20E-07	1.10E-07	4.30E-07	2.67E-07	8.23E-08	3.49E-07	6.33E-08	2.11E-08	8.43E-08	4.93E-08	1.01E-08	5.95E-08
7650	625024.95	4266005.99	3.21E-07	1.11E-07	4.32E-07	2.69E-07	8.28E-08	3.51E-07	6.36E-08	2.12E-08	8.48E-08	4.96E-08	1.02E-08	5.98E-08
7651	625025.11	4265996.06	3.23E-07	1.11E-07	4.34E-07	2.70E-07	8.32E-08	3.53E-07	6.40E-08	2.13E-08	8.53E-08	4.99E-08	1.03E-08	6.01E-08
7652	625025.28	4265986.12	3.25E-07	1.12E-07	4.37E-07	2.72E-07	8.37E-08	3.55E-07	6.43E-08	2.14E-08	8.57E-08	5.01E-08	1.03E-08	6.04E-08
7653	625025.44	4265976.19	3.27E-07	1.12E-07	4.39E-07	2.73E-07	8.41E-08	3.57E-07	6.46E-08	2.15E-08	8.61E-08	5.04E-08	1.04E-08	6.08E-08
7654	625025.6	4265966.26	3.28E-07	1.13E-07	4.41E-07	2.74E-07	8.45E-08	3.59E-07	6.49E-08	2.16E-08	8.66E-08	5.06E-08	1.04E-08	6.10E-08
7655	625025.77	4265956.32	3.30E-07	1.13E-07	4.43E-07	2.75E-07	8.48E-08	3.60E-07	6.52E-08	2.17E-08	8.69E-08	5.09E-08	1.05E-08	6.13E-08
7656	625025.93	4265946.39	3.31E-07	1.14E-07	4.45E-07	2.77E-07	8.52E-08	3.62E-07	6.55E-08	2.18E-08	8.74E-08	5.11E-08	1.05E-08	6.16E-08
7657	625026.09	4265936.46	3.33E-07	1.14E-07	4.47E-07	2.78E-07	8.56E-08	3.64E-07	6.58E-08	2.19E-08	8.78E-08	5.13E-08	1.06E-08	6.19E-08
7658	625026.26	4265926.52	3.34E-07	1.15E-07	4.49E-07	2.79E-07	8.60E-08	3.65E-07	6.61E-08	2.20E-08	8.81E-08	5.15E-08	1.06E-08	6.21E-08
7659	625026.42	4265916.59	3.35E-07	1.15E-07	4.50E-07	2.80E-07	8.63E-08	3.66E-07	6.63E-08	2.21E-08	8.84E-08	5.17E-08	1.06E-08	6.24E-08
7660	625026.58	4265906.66	3.36E-07	1.16E-07	4.52E-07	2.81E-07	8.66E-08	3.68E-07	6.65E-08	2.22E-08	8.87E-08	5.19E-08	1.07E-08	6.25E-08
7661	625026.75	4265896.72	3.37E-07	1.16E-07	4.53E-07	2.82E-07	8.68E-08	3.69E-07	6.67E-08	2.22E-08	8.89E-08	5.20E-08	1.07E-08	6.27E-08
7662	625026.91	4265886.79	3.38E-07	1.16E-07	4.54E-07	2.82E-07	8.70E-08	3.69E-07	6.69E-08	2.23E-08	8.92E-08	5.21E-08	1.07E-08	6.29E-08
7663	625027.08	4265876.86	3.39E-07	1.16E-07	4.55E-07	2.83E-07	8.72E-08	3.70E-07	6.70E-08	2.23E-08	8.93E-08	5.23E-08	1.07E-08	6.30E-08
7664	625027.24	4265866.92	3.39E-07	1.17E-07	4.56E-07	2.84E-07	8.74E-08	3.71E-07	6.72E-08	2.24E-08	8.95E-08	5.24E-08	1.08E-08	6.31E-08
7665	625027.4	4265856.99	3.40E-07	1.17E-07	4.57E-07	2.84E-07	8.75E-08	3.72E-07	6.73E-08	2.24E-08	8.97E-08	5.24E-08	1.08E-08	6.32E-08
7666	625027.57	4265847.06	3.40E-07	1.17E-07	4.57E-07	2.84E-07	8.76E-08	3.72E-07	6.73E-08	2.24E-08	8.98E-08	5.25E-08	1.08E-08	6.33E-08
7667	625027.73	4265837.12	3.40E-07	1.17E-07	4.58E-07	2.85E-07	8.77E-08	3.72E-07	6.74E-08	2.24E-08	8.98E-08	5.25E-08	1.08E-08	6.33E-08
7668	625027.89	4265827.19	3.41E-07	1.17E-07	4.58E-07	2.85E-07	8.77E-08	3.73E-07	6.74E-08	2.24E-08	8.99E-08	5.26E-08	1.08E-08	6.34E-08
7669	625028.06	4265817.26	3.41E-07	1.17E-07	4.58E-07	2.85E-07	8.77E-08	3.73E-07	6.75E-08	2.25E-08	8.99E-08	5.26E-08	1.08E-08	6.34E-08
7670	625028.22	4265807.32	3.41E-07	1.17E-07	4.58E-07	2.85E-07	8.77E-08	3.73E-07	6.74E-08	2.25E-08	8.99E-08	5.26E-08	1.08E-08	6.34E-08
7671	625028.38	4265797.39	3.41E-07	1.17E-07	4.58E-07	2.85E-07	8.77E-08	3.72E-07	6.74E-08	2.24E-08	8.98E-08	5.25E-08	1.08E-08	6.33E-08
7672	625028.55	4265787.46	3.40E-07	1.17E-07	4.57E-07	2.84E-07	8.76E-08	3.72E-07	6.73E-08	2.24E-08	8.97E-08	5.25E-08	1.08E-08	6.33E-08
7673	625028.71	4265777.52	3.40E-07	1.17E-07	4.56E-07	2.84E-07	8.74E-08	3.71E-07	6.72E-08	2.24E-08	8.96E-08	5.24E-08	1.08E-08	6.32E-08
7674	625028.87	4265767.59	3.39E-07	1.17E-07	4.56E-07	2.83E-07	8.73E-08	3.71E-07	6.71E-08	2.23E-08	8.94E-08	5.23E-08	1.08E-08	6.31E-08
7675	625029.04	4265757.66	3.38E-07	1.16E-07	4.55E-07	2.83E-07	8.71E-08	3.70E-07	6.70E-08	2.23E-08	8.93E-08	5.22E-08	1.07E-08	6.30E-08
7676	625029.2	4265747.72	3.38E-07	1.16E-07	4.54E-07	2.82E-07	8.70E-08	3.69E-07	6.69E-08	2.23E-08	8.91E-08	5.21E-08	1.07E-08	6.28E-08
7677	625029.37	4265737.79	3.37E-07	1.16E-07	4.53E-07	2.82E-07	8.68E-08	3.69E-07	6.67E-08	2.22E-08	8.89E-08	5.20E-08	1.07E-08	6.27E-08
7678	625029.53	4265727.86	3.36E-07	1.16E-07	4.52E-07	2.81E-07	8.66E-08	3.68E-07	6.66E-08	2.22E-08	8.88E-08	5.19E-08	1.07E-08	6.26E-08
7679	625029.69	4265717.92	3.36E-07	1.16E-07	4.51E-07	2.81E-07	8.65E-08	3.67E-07	6.65E-08	2.21E-08	8.86E-08	5.18E-08	1.07E-08	6.25E-08
7680	625029.86	4265707.99	3.35E-07	1.15E-07	4.51E-07	2.80E-07	8.63E-08	3.67E-07	6.64E-08	2.21E-08	8.85E-08	5.17E-08	1.06E-08	6.24E-08
7681	625030.02	4265698.06	3.35E-07	1.15E-07	4.50E-07	2.80E-07	8.62E-08	3.66E-07	6.62E-08	2.20E-08	8.83E-08	5.16E-08	1.06E-08	6.23E-08
7682	625030.18	4265688.12	3.34E-07	1.15E-07	4.49E-07	2.79E-07	8.60E-08	3.65E-07	6.61E-08	2.20E-08	8.81E-08	5.15E-08	1.06E-08	6.21E-08
7683	625030.35	4265678.19	3.33E-07	1.15E-07	4.48E-07	2.78E-07	8.57E-08	3.64E-07	6.59E-08	2.19E-08	8.79E-08	5.14E-08	1.06E-08	6.20E-08
7684	625036.06	4266181.75	2.73E-07	9.37E-08	3.66E-07	2.28E-07	7.02E-08	2.98E-07	5.40E-08	1.80E-08	7.19E-08	4.21E-08	8.65E-09	5.07E-08
7685	625032.24	4266190.54	2.76E-07	9.49E-08	3.71E-07	2.31E-07	7.10E-08	3.02E-07	5.46E-08	1.82E-08	7.28E-08	4.26E-08	8.76E-09	5.13E-08
7686	625028.43	4266199.32	2.79E-07	9.59E-08	3.75E-07	2.33E-07	7.18E-08	3.05E-07	5.52E-08	1.84E-08	7.36E-08	4.31E-08	8.85E-09	5.19E-08
7687	625024.62	4266208.1	2.82E-07	9.70E-08	3.79E-07	2.36E-07	7.26E-08	3.08E-07	5.58E-08	1.86E-08	7.44E-08	4.35E-08	8.95E-09	5.25E-08
7688	625020.81	4266216.89	2.85E-07	9.79E-08	3.83E-07	2.38E-07	7.33E-08	3.11E-07	5.64E-08	1.88E-08	7.51E-08	4.39E-08	9.04E-09	5.30E-08
7689	625016.99	4266225.67	2.87E-07	9.88E-08	3.86E-07	2.40E-07	7.40E-08	3.14E-07	5.69E-08	1.89E-08	7.58E-08	4.43E-08	9.12E-09	5.35E-08
7690	625013.18	4266234.45	2.90E-07	9.97E-08	3.90E-07	2.42E-07	7.47E-08	3.17E-07	5.74E-08	1.91E-08	7.65E-08	4.47E-08	9.20E-09	5.39E-08
7691	624994.12	4266278.37	3.01E-07	1.04E-07	4.05E-07	2.52E-07	7.75E-08	3.29E-07	5.96E-08	1.98E-08	7.94E-08	4.64E-08	9.55E-09	5.60E-08
7692	624990.31	4266287.15	3.03E-07	1.04E-07	4.07E-07	2.53E-07	7.79E-08	3.31E-07	5.99E-08	1.99E-08	7.99E-08	4.67E-08	9.61E-09	5.63E-08
7693	624950.86	4266309.97	3.48E-07	1.20E-07	4.67E-07	2.90E-07	8.95E-08	3.80E-07	6.88E-08	2.29E-08	9.17E-08	5.36E-08	1.10E-08	6.47E-08
7694	624941.95	4266313.48	3.58E-07	1.23E-07	4.82E-07	3.00E-07	9.23E-08	3.92E-07	7.10E-08	2.36E-08	9.46E-08	5.53E-08	1.14E-08	6.67E-08
7695	624933.04	4266316.99	3.69E-07	1.27E-07	4.96E-07	3.09E-07	9.51E-08	4.04E-07	7.31E-08	2.43E-08	9.74E-08	5.70E-08	1.17E-08	6.87E-08
7696	624924.13	4266320.5	3.80E-07	1.31E-07	5.10E-07	3.17E-07	9.78E-08	4.15E-07	7.52E-08	2.50E-08	1.00E-07	5.86E-08	1.21E-08	7.06E-08
7697	624897.4	4266331.03	4.08E-07	1.40E-07	5.49E-07	3.41E-07	1.05E-07	4.47E-07	8.09E-08	2.69E-08	1.08E-07	6.30E-08	1.30E-08	7.60E-08
7698	624888.49	4266334.53	4.17E-07	1.43E-07	5.60E-07	3.48E-07	1.07E-07	4.56E-07	8.25E-08	2.75E-08	1.10E-07	6.43E-08	1.32E-08	7.75E-08
7699	624879.59	4266338.04	4.24E-07	1.46E-07	5.70E-07	3.55E-07	1.09E-07	4.64E-07	8.40E-08	2.80E-08	1.12E-07	6.55E-08	1.35E-08	7.90E-08
7700	624870.68	4266341.55	4.31E-07	1.48E-07	5.79E-07	3.60E-07	1.11E-07	4.71E-07	8.53E-08	2.84E-08	1.14E-07	6.65E-08	1.37E-08	8.02E-08

7701	624861.77	4266345.06	4.37E-07	1.50E-07	5.87E-07	3.65E-07	1.12E-07	4.78E-07	8.65E-08	2.88E-08	1.15E-07	6.74E-08	1.39E-08	8.13E-08
7702	624852.86	4266348.57	4.42E-07	1.52E-07	5.94E-07	3.69E-07	1.14E-07	4.83E-07	8.75E-08	2.91E-08	1.17E-07	6.82E-08	1.40E-08	8.22E-08
7703	625047.66	4266145.47	2.63E-07	9.03E-08	3.53E-07	2.20E-07	6.76E-08	2.87E-07	5.20E-08	1.73E-08	6.93E-08	4.05E-08	8.33E-09	4.89E-08
7704	625047.82	4266135.54	2.63E-07	9.06E-08	3.54E-07	2.20E-07	6.78E-08	2.88E-07	5.21E-08	1.74E-08	6.95E-08	4.07E-08	8.36E-09	4.90E-08
7705	625047.98	4266125.6	2.64E-07	9.09E-08	3.55E-07	2.21E-07	6.80E-08	2.89E-07	5.23E-08	1.74E-08	6.97E-08	4.08E-08	8.39E-09	4.92E-08
7706	625048.15	4266115.67	2.65E-07	9.12E-08	3.56E-07	2.22E-07	6.83E-08	2.90E-07	5.25E-08	1.75E-08	6.99E-08	4.09E-08	8.41E-09	4.93E-08
7707	625048.31	4266105.74	2.66E-07	9.15E-08	3.58E-07	2.22E-07	6.85E-08	2.91E-07	5.27E-08	1.75E-08	7.02E-08	4.11E-08	8.44E-09	4.95E-08
7708	625048.47	4266095.8	2.67E-07	9.19E-08	3.59E-07	2.23E-07	6.88E-08	2.92E-07	5.29E-08	1.76E-08	7.05E-08	4.12E-08	8.48E-09	4.97E-08
7709	625048.64	4266085.87	2.68E-07	9.23E-08	3.61E-07	2.24E-07	6.91E-08	2.93E-07	5.31E-08	1.77E-08	7.08E-08	4.14E-08	8.51E-09	4.99E-08
7710	625048.8	4266075.94	2.70E-07	9.27E-08	3.62E-07	2.25E-07	6.94E-08	2.95E-07	5.34E-08	1.78E-08	7.11E-08	4.16E-08	8.55E-09	5.02E-08
7711	625048.96	4266066	2.71E-07	9.32E-08	3.64E-07	2.27E-07	6.98E-08	2.96E-07	5.36E-08	1.79E-08	7.15E-08	4.18E-08	8.60E-09	5.04E-08
7712	625049.13	4266056.07	2.73E-07	9.37E-08	3.66E-07	2.28E-07	7.02E-08	2.98E-07	5.40E-08	1.80E-08	7.19E-08	4.21E-08	8.65E-09	5.07E-08
7713	625049.29	4266046.14	2.74E-07	9.43E-08	3.68E-07	2.29E-07	7.06E-08	3.00E-07	5.43E-08	1.81E-08	7.23E-08	4.23E-08	8.70E-09	5.10E-08
7714	625049.46	4266036.2	2.76E-07	9.48E-08	3.70E-07	2.30E-07	7.10E-08	3.01E-07	5.46E-08	1.82E-08	7.27E-08	4.25E-08	8.75E-09	5.13E-08
7715	625049.62	4266026.27	2.77E-07	9.53E-08	3.72E-07	2.32E-07	7.13E-08	3.03E-07	5.49E-08	1.83E-08	7.31E-08	4.28E-08	8.79E-09	5.16E-08
7716	625049.78	4266016.34	2.79E-07	9.58E-08	3.74E-07	2.33E-07	7.17E-08	3.05E-07	5.52E-08	1.84E-08	7.35E-08	4.30E-08	8.84E-09	5.18E-08
7717	625049.95	4266006.4	2.80E-07	9.63E-08	3.76E-07	2.34E-07	7.21E-08	3.06E-07	5.54E-08	1.85E-08	7.39E-08	4.32E-08	8.89E-09	5.21E-08
7718	625050.11	4265996.47	2.82E-07	9.68E-08	3.78E-07	2.35E-07	7.25E-08	3.08E-07	5.57E-08	1.86E-08	7.43E-08	4.35E-08	8.94E-09	5.24E-08
7719	625050.27	4265986.54	2.83E-07	9.73E-08	3.80E-07	2.37E-07	7.29E-08	3.09E-07	5.60E-08	1.86E-08	7.47E-08	4.37E-08	8.98E-09	5.27E-08
7720	625050.44	4265976.6	2.85E-07	9.78E-08	3.82E-07	2.38E-07	7.32E-08	3.11E-07	5.63E-08	1.87E-08	7.51E-08	4.39E-08	9.03E-09	5.29E-08
7721	625050.6	4265966.67	2.86E-07	9.83E-08	3.84E-07	2.39E-07	7.36E-08	3.13E-07	5.66E-08	1.88E-08	7.54E-08	4.41E-08	9.07E-09	5.32E-08
7722	625050.76	4265956.74	2.87E-07	9.88E-08	3.86E-07	2.40E-07	7.40E-08	3.14E-07	5.69E-08	1.89E-08	7.58E-08	4.43E-08	9.12E-09	5.35E-08
7723	625050.93	4265946.8	2.89E-07	9.93E-08	3.88E-07	2.41E-07	7.43E-08	3.16E-07	5.71E-08	1.90E-08	7.62E-08	4.46E-08	9.16E-09	5.37E-08
7724	625051.09	4265936.87	2.90E-07	9.98E-08	3.90E-07	2.42E-07	7.47E-08	3.17E-07	5.74E-08	1.91E-08	7.65E-08	4.48E-08	9.21E-09	5.40E-08
7725	625051.25	4265926.94	2.91E-07	1.00E-07	3.92E-07	2.44E-07	7.50E-08	3.19E-07	5.77E-08	1.92E-08	7.69E-08	4.50E-08	9.25E-09	5.42E-08
7726	625051.42	4265917	2.93E-07	1.01E-07	3.93E-07	2.45E-07	7.53E-08	3.20E-07	5.79E-08	1.93E-08	7.72E-08	4.51E-08	9.29E-09	5.44E-08
7727	625051.58	4265907.07	2.94E-07	1.01E-07	3.95E-07	2.45E-07	7.56E-08	3.21E-07	5.81E-08	1.93E-08	7.75E-08	4.53E-08	9.32E-09	5.46E-08
7728	625051.74	4265897.14	2.95E-07	1.01E-07	3.96E-07	2.46E-07	7.59E-08	3.22E-07	5.83E-08	1.94E-08	7.77E-08	4.55E-08	9.35E-09	5.48E-08
7729	625051.91	4265887.2	2.96E-07	1.02E-07	3.97E-07	2.47E-07	7.61E-08	3.23E-07	5.85E-08	1.95E-08	7.80E-08	4.56E-08	9.38E-09	5.50E-08
7730	625052.07	4265877.27	2.96E-07	1.02E-07	3.98E-07	2.48E-07	7.63E-08	3.24E-07	5.87E-08	1.95E-08	7.82E-08	4.57E-08	9.40E-09	5.51E-08
7731	625052.24	4265867.34	2.97E-07	1.02E-07	3.99E-07	2.48E-07	7.65E-08	3.25E-07	5.88E-08	1.96E-08	7.84E-08	4.58E-08	9.43E-09	5.53E-08
7732	625052.4	4265857.4	2.98E-07	1.02E-07	4.00E-07	2.49E-07	7.67E-08	3.26E-07	5.89E-08	1.96E-08	7.86E-08	4.59E-08	9.45E-09	5.54E-08
7733	625052.56	4265847.47	2.98E-07	1.03E-07	4.01E-07	2.49E-07	7.68E-08	3.26E-07	5.90E-08	1.97E-08	7.87E-08	4.60E-08	9.47E-09	5.55E-08
7734	625052.73	4265837.54	2.99E-07	1.03E-07	4.01E-07	2.50E-07	7.69E-08	3.27E-07	5.91E-08	1.97E-08	7.88E-08	4.61E-08	9.48E-09	5.56E-08
7735	625052.89	4265827.6	2.99E-07	1.03E-07	4.02E-07	2.50E-07	7.70E-08	3.27E-07	5.92E-08	1.97E-08	7.89E-08	4.62E-08	9.49E-09	5.57E-08
7736	625053.05	4265817.67	2.99E-07	1.03E-07	4.02E-07	2.50E-07	7.71E-08	3.27E-07	5.93E-08	1.97E-08	7.90E-08	4.62E-08	9.50E-09	5.57E-08
7737	625053.22	4265807.74	3.00E-07	1.03E-07	4.03E-07	2.50E-07	7.71E-08	3.27E-07	5.93E-08	1.97E-08	7.90E-08	4.62E-08	9.51E-09	5.57E-08
7738	625053.38	4265797.8	2.99E-07	1.03E-07	4.02E-07	2.50E-07	7.71E-08	3.27E-07	5.93E-08	1.97E-08	7.90E-08	4.62E-08	9.50E-09	5.57E-08
7739	625053.54	4265787.87	2.99E-07	1.03E-07	4.02E-07	2.50E-07	7.71E-08	3.27E-07	5.92E-08	1.97E-08	7.90E-08	4.62E-08	9.50E-09	5.57E-08
7740	625053.71	4265777.94	2.99E-07	1.03E-07	4.02E-07	2.50E-07	7.70E-08	3.27E-07	5.92E-08	1.97E-08	7.89E-08	4.61E-08	9.49E-09	5.56E-08
7741	625053.87	4265768	2.99E-07	1.03E-07	4.01E-07	2.50E-07	7.69E-08	3.27E-07	5.91E-08	1.97E-08	7.88E-08	4.61E-08	9.48E-09	5.56E-08
7742	625054.03	4265758.07	2.98E-07	1.03E-07	4.01E-07	2.49E-07	7.68E-08	3.26E-07	5.90E-08	1.97E-08	7.87E-08	4.60E-08	9.47E-09	5.55E-08
7743	625054.2	4265748.14	2.98E-07	1.02E-07	4.00E-07	2.49E-07	7.67E-08	3.26E-07	5.90E-08	1.96E-08	7.86E-08	4.60E-08	9.46E-09	5.54E-08
7744	625054.36	4265738.2	2.98E-07	1.02E-07	4.00E-07	2.49E-07	7.66E-08	3.25E-07	5.89E-08	1.96E-08	7.85E-08	4.59E-08	9.45E-09	5.54E-08
7745	625054.53	4265728.27	2.97E-07	1.02E-07	4.00E-07	2.49E-07	7.66E-08	3.25E-07	5.89E-08	1.96E-08	7.85E-08	4.59E-08	9.44E-09	5.53E-08
7746	625054.69	4265718.34	2.97E-07	1.02E-07	3.99E-07	2.48E-07	7.65E-08	3.25E-07	5.88E-08	1.96E-08	7.84E-08	4.59E-08	9.43E-09	5.53E-08
7747	625054.85	4265708.4	2.97E-07	1.02E-07	3.99E-07	2.48E-07	7.65E-08	3.25E-07	5.88E-08	1.96E-08	7.84E-08	4.58E-08	9.43E-09	5.53E-08
7748	625055.02	4265698.47	2.97E-07	1.02E-07	3.99E-07	2.48E-07	7.64E-08	3.25E-07	5.88E-08	1.96E-08	7.83E-08	4.58E-08	9.42E-09	5.52E-08
7749	625055.18	4265688.54	2.97E-07	1.02E-07	3.99E-07	2.48E-07	7.64E-08	3.24E-07	5.87E-08	1.95E-08	7.83E-08	4.58E-08	9.42E-09	5.52E-08
7750	625055.34	4265678.6	2.96E-07	1.02E-07	3.98E-07	2.48E-07	7.63E-08	3.24E-07	5.86E-08	1.95E-08	7.82E-08	4.57E-08	9.40E-09	5.51E-08
7751	625049.61	4266208.51	2.51E-07	8.64E-08	3.38E-07	2.10E-07	6.47E-08	2.75E-07	4.97E-08	1.65E-08	6.63E-08	3.88E-08	7.97E-09	4.67E-08
7752	625045.8	4266217.3	2.54E-07	8.72E-08	3.41E-07	2.12E-07	6.53E-08	2.77E-07	5.02E-08	1.67E-08	6.69E-08	3.91E-08	8.05E-09	4.72E-08
7753	625041.99	4266226.08	2.56E-07	8.80E-08	3.44E-07	2.14E-07	6.59E-08	2.80E-07	5.07E-08	1.69E-08	6.75E-08	3.95E-08	8.12E-09	4.76E-08
7754	625038.18	4266234.86	2.58E-07	8.88E-08	3.47E-07	2.16E-07	6.65E-08	2.82E-07	5.11E-08	1.70E-08	6.81E-08	3.99E-08	8.20E-09	4.80E-08
7755	625034.37	4266243.65	2.60E-07	8.96E-08	3.50E-07	2.18E-07	6.71E-08	2.85E-07	5.16E-08	1.72E-08	6.87E-08	4.02E-08	8.27E-09	4.85E-08
7756	625030.55	4266252.43	2.63E-07	9.03E-08	3.53E-07	2.20E-07	6.76E-08	2.87E-07	5.20E-08	1.73E-08	6.93E-08	4.05E-08	8.34E-09	4.89E-08
7757	625026.74	4266261.21	2.65E-07	9.10E-08	3.56E-07	2.21E-07	6.82E-08	2.89E-07	5.24E-08	1.74E-08	6.99E-08	4.09E-08	8.40E-09	4.93E-08
7758	625022.93	4266270	2.67E-07	9.17E-08	3.59E-07	2.23E-07	6.87E-08	2.92E-07	5.28E-08	1.76E-08	7.04E-08	4.12E-08	8.47E-09	4.96E-08
7759	625019.12	4266278.78	2.69E-07	9.24E-08	3.61E-07	2.25E-07	6.92E-08	2.94E-07	5.32E-08	1.77E-08	7.09E-08	4.15E-08	8.53E-09	5.00E-08
7760	625015.3	4266287.57	2.71E-07	9.30E-08	3.64E-07	2.26E-07	6.97E-08	2.96E-07	5.36E-08	1.78E-08	7.14E-08	4.18E-08	8.59E-09	5.03E-08
7761	625011.49	4266296.35	2.72E-07	9.36E-08	3.66E-07	2.28E-07	7.01E-08	2.98E-07	5.39E-08	1.79E-08	7.18E-08	4.20E-08	8.64E-09	5.06E-08
7762	624986.05	4266320.93	2.93E-07	1.01E-07	3.94E-07	2.45E-07	7.55E-08	3.21E-07	5.81E-08	1.93E-08	7.74E-08	4.53E-08	9.31E-09	5.46E-08
7763	624977.14	4266324.44	3.03E-07	1.04E-07	4.07E-07	2.53E-07	7.79E-08	3.31E-07	5.99E-08	1.99E-08	7.99E-08	4.67E-08	9.61E-09	5.63E-08
7764	624968.23	4266327.95	3.12E-07	1.07E-07	4.19E-07	2.61E-07	8.03E-08	3.41E-07	6.18E-08	2.06E-08	8.23E-08	4.82E-08	9.90E-09	5.81E-08
7765	624959.32	4266331.46	3.21E-07	1.11E-07	4.32E-07	2.69E-07	8.27E-08	3.51E-07	6.36E-08	2.12E-08	8.48E-08	4.96E-08	1.02E-08	5.98E-08
7766	624950.41	4266334.97	3.31E-07	1.14E-07	4.44E-07	2.76E-07	8.51E-08	3.61E-07	6.54E-08	2.18E-08	8.72E-08	5.10E-08	1.05E-08	6.15E-08
7767	624941.5	4266338.48	3.40E-07	1.17E-07	4.56E-07	2.84E-07	8.74E-08	3.71E-07	6.72E-08	2.24E-08	8.96E-08	5.24E-08	1.08E-08	6.32E-08
7768	624932.59	4266341.99	3.48E-07	1.20E-07	4.68E-07	2.91E-07	8.97E-08	3.81E-07	6.90E-08	2.30E-08	9.19E-08	5.38E-08	1.11E-08	6.48E-08
7769	624923.68	4266345.49	3.57E-07	1.23E-07	4.80E-07	2.98E-07	9.19E-08	3.90E-07	7.06E-08	2.35E-08	9.41E-08	5.51E-08	1.13E-08	6.64E-08
7770	624896.96	4266356.02	3.79E-07	1.30E-07	5.10E-07	3.17E-07	9.77E-08	4.15E-07	7.51E-08	2.50E-08	1.00E-07	5.85E-08	1.20E-08	7.06E-08
7771	624888.05	4266359.53	3.86E-07	1.33E-07	5.18E-07	3.22E-07	9.93E-08	4.22E-07	7.64E-08	2.54E-08	1.02E-07	5.95E-08	1.22E-08	7.18E-08
7772	624879.14	4266363.04	3.91E-07	1.35E-07	5.26E-07	3.27E-07	1.01E-07	4.28E-07	7.75E-08	2.58E-08	1.03E-07	6.04E-08	1.24E-08	7.28E-08

7773	624870.23	4266366.55	3.96E-07	1.36E-07	5.33E-07	3.31E-07	1.02E-07	4.33E-07	7.85E-08	2.61E-08	1.05E-07	6.12E-08	1.26E-08	7.38E-08
7774	624861.32	4266370.06	4.01E-07	1.38E-07	5.39E-07	3.35E-07	1.03E-07	4.38E-07	7.93E-08	2.64E-08	1.06E-07	6.18E-08	1.27E-08	7.46E-08
7775	625072.65	4266145.88	2.34E-07	8.05E-08	3.14E-07	1.96E-07	6.02E-08	2.56E-07	4.63E-08	1.54E-08	6.17E-08	3.61E-08	7.42E-09	4.35E-08
7776	625072.82	4266135.95	2.34E-07	8.06E-08	3.15E-07	1.96E-07	6.04E-08	2.56E-07	4.64E-08	1.54E-08	6.19E-08	3.62E-08	7.44E-09	4.36E-08
7777	625072.98	4266126.01	2.35E-07	8.08E-08	3.16E-07	1.96E-07	6.05E-08	2.57E-07	4.65E-08	1.55E-08	6.20E-08	3.63E-08	7.46E-09	4.37E-08
7778	625073.14	4266116.08	2.36E-07	8.10E-08	3.17E-07	1.97E-07	6.06E-08	2.57E-07	4.66E-08	1.55E-08	6.21E-08	3.63E-08	7.47E-09	4.38E-08
7779	625073.31	4266106.15	2.36E-07	8.12E-08	3.17E-07	1.97E-07	6.08E-08	2.58E-07	4.67E-08	1.56E-08	6.23E-08	3.64E-08	7.49E-09	4.39E-08
7780	625073.47	4266096.21	2.37E-07	8.15E-08	3.18E-07	1.98E-07	6.10E-08	2.59E-07	4.69E-08	1.56E-08	6.25E-08	3.66E-08	7.52E-09	4.41E-08
7781	625073.63	4266086.28	2.38E-07	8.18E-08	3.20E-07	1.99E-07	6.13E-08	2.60E-07	4.71E-08	1.57E-08	6.28E-08	3.67E-08	7.55E-09	4.43E-08
7782	625073.8	4266076.35	2.39E-07	8.22E-08	3.21E-07	2.00E-07	6.15E-08	2.61E-07	4.73E-08	1.57E-08	6.30E-08	3.69E-08	7.58E-09	4.45E-08
7783	625073.96	4266066.41	2.40E-07	8.25E-08	3.23E-07	2.01E-07	6.18E-08	2.62E-07	4.75E-08	1.58E-08	6.33E-08	3.70E-08	7.62E-09	4.46E-08
7784	625074.12	4266056.48	2.41E-07	8.29E-08	3.24E-07	2.01E-07	6.21E-08	2.64E-07	4.77E-08	1.59E-08	6.36E-08	3.72E-08	7.65E-09	4.48E-08
7785	625074.29	4266046.55	2.42E-07	8.33E-08	3.25E-07	2.02E-07	6.23E-08	2.65E-07	4.79E-08	1.60E-08	6.39E-08	3.74E-08	7.69E-09	4.50E-08
7786	625074.45	4266036.61	2.43E-07	8.37E-08	3.27E-07	2.03E-07	6.26E-08	2.66E-07	4.82E-08	1.60E-08	6.42E-08	3.75E-08	7.72E-09	4.53E-08
7787	625074.62	4266026.68	2.45E-07	8.41E-08	3.29E-07	2.04E-07	6.30E-08	2.67E-07	4.84E-08	1.61E-08	6.45E-08	3.77E-08	7.76E-09	4.55E-08
7788	625074.78	4266016.75	2.46E-07	8.45E-08	3.30E-07	2.05E-07	6.33E-08	2.69E-07	4.87E-08	1.62E-08	6.48E-08	3.79E-08	7.80E-09	4.57E-08
7789	625074.94	4266006.81	2.47E-07	8.50E-08	3.32E-07	2.07E-07	6.36E-08	2.70E-07	4.89E-08	1.63E-08	6.52E-08	3.81E-08	7.84E-09	4.60E-08
7790	625075.11	4265996.88	2.48E-07	8.54E-08	3.34E-07	2.08E-07	6.39E-08	2.72E-07	4.92E-08	1.64E-08	6.55E-08	3.83E-08	7.88E-09	4.62E-08
7791	625075.27	4265986.95	2.50E-07	8.58E-08	3.35E-07	2.09E-07	6.43E-08	2.73E-07	4.94E-08	1.64E-08	6.59E-08	3.85E-08	7.92E-09	4.64E-08
7792	625075.43	4265977.01	2.51E-07	8.63E-08	3.37E-07	2.10E-07	6.46E-08	2.74E-07	4.97E-08	1.65E-08	6.62E-08	3.87E-08	7.97E-09	4.67E-08
7793	625075.6	4265967.08	2.52E-07	8.68E-08	3.39E-07	2.11E-07	6.50E-08	2.76E-07	5.00E-08	1.66E-08	6.66E-08	3.90E-08	8.01E-09	4.70E-08
7794	625075.76	4265957.15	2.54E-07	8.73E-08	3.41E-07	2.12E-07	6.54E-08	2.78E-07	5.02E-08	1.67E-08	6.70E-08	3.92E-08	8.06E-09	4.72E-08
7795	625075.92	4265947.21	2.55E-07	8.77E-08	3.43E-07	2.13E-07	6.57E-08	2.79E-07	5.05E-08	1.68E-08	6.73E-08	3.94E-08	8.10E-09	4.75E-08
7796	625076.09	4265937.28	2.56E-07	8.81E-08	3.44E-07	2.14E-07	6.60E-08	2.80E-07	5.07E-08	1.69E-08	6.76E-08	3.95E-08	8.13E-09	4.77E-08
7797	625076.25	4265927.35	2.57E-07	8.85E-08	3.46E-07	2.15E-07	6.63E-08	2.81E-07	5.10E-08	1.70E-08	6.79E-08	3.97E-08	8.17E-09	4.79E-08
7798	625076.41	4265917.41	2.59E-07	8.89E-08	3.47E-07	2.16E-07	6.66E-08	2.83E-07	5.12E-08	1.70E-08	6.82E-08	3.99E-08	8.20E-09	4.81E-08
7799	625076.58	4265907.48	2.60E-07	8.93E-08	3.49E-07	2.17E-07	6.68E-08	2.84E-07	5.14E-08	1.71E-08	6.85E-08	4.00E-08	8.24E-09	4.83E-08
7800	625076.74	4265897.55	2.61E-07	8.96E-08	3.50E-07	2.18E-07	6.71E-08	2.85E-07	5.16E-08	1.72E-08	6.87E-08	4.02E-08	8.27E-09	4.85E-08
7801	625076.91	4265887.61	2.61E-07	8.99E-08	3.51E-07	2.19E-07	6.73E-08	2.86E-07	5.18E-08	1.72E-08	6.90E-08	4.03E-08	8.30E-09	4.86E-08
7802	625077.07	4265877.68	2.62E-07	9.02E-08	3.53E-07	2.19E-07	6.75E-08	2.87E-07	5.19E-08	1.73E-08	6.92E-08	4.05E-08	8.32E-09	4.88E-08
7803	625077.23	4265867.75	2.63E-07	9.05E-08	3.54E-07	2.20E-07	6.77E-08	2.88E-07	5.21E-08	1.73E-08	6.94E-08	4.06E-08	8.35E-09	4.89E-08
7804	625077.4	4265857.81	2.64E-07	9.07E-08	3.55E-07	2.21E-07	6.79E-08	2.88E-07	5.22E-08	1.74E-08	6.96E-08	4.07E-08	8.37E-09	4.91E-08
7805	625077.56	4265847.88	2.65E-07	9.10E-08	3.55E-07	2.21E-07	6.81E-08	2.89E-07	5.24E-08	1.74E-08	6.98E-08	4.08E-08	8.39E-09	4.92E-08
7806	625077.72	4265837.95	2.65E-07	9.11E-08	3.56E-07	2.22E-07	6.82E-08	2.90E-07	5.25E-08	1.75E-08	6.99E-08	4.09E-08	8.41E-09	4.93E-08
7807	625077.89	4265828.01	2.65E-07	9.13E-08	3.57E-07	2.22E-07	6.83E-08	2.90E-07	5.25E-08	1.75E-08	7.00E-08	4.10E-08	8.42E-09	4.94E-08
7808	625078.05	4265818.08	2.66E-07	9.13E-08	3.57E-07	2.22E-07	6.84E-08	2.90E-07	5.26E-08	1.75E-08	7.01E-08	4.10E-08	8.43E-09	4.94E-08
7809	625078.21	4265808.15	2.66E-07	9.14E-08	3.57E-07	2.22E-07	6.84E-08	2.91E-07	5.26E-08	1.75E-08	7.01E-08	4.10E-08	8.43E-09	4.94E-08
7810	625078.38	4265798.21	2.66E-07	9.14E-08	3.57E-07	2.22E-07	6.84E-08	2.90E-07	5.26E-08	1.75E-08	7.01E-08	4.10E-08	8.43E-09	4.94E-08
7811	625078.54	4265788.28	2.66E-07	9.13E-08	3.57E-07	2.22E-07	6.84E-08	2.90E-07	5.26E-08	1.75E-08	7.01E-08	4.10E-08	8.43E-09	4.94E-08
7812	625078.7	4265778.35	2.65E-07	9.13E-08	3.57E-07	2.22E-07	6.83E-08	2.90E-07	5.25E-08	1.75E-08	7.00E-08	4.10E-08	8.42E-09	4.94E-08
7813	625078.87	4265768.41	2.65E-07	9.12E-08	3.57E-07	2.22E-07	6.83E-08	2.90E-07	5.25E-08	1.75E-08	7.00E-08	4.09E-08	8.42E-09	4.94E-08
7814	625079.03	4265758.48	2.65E-07	9.12E-08	3.56E-07	2.22E-07	6.83E-08	2.90E-07	5.25E-08	1.75E-08	7.00E-08	4.09E-08	8.41E-09	4.93E-08
7815	625079.19	4265748.55	2.65E-07	9.11E-08	3.56E-07	2.22E-07	6.82E-08	2.90E-07	5.25E-08	1.75E-08	6.99E-08	4.09E-08	8.41E-09	4.93E-08
7816	625079.36	4265738.61	2.65E-07	9.11E-08	3.56E-07	2.21E-07	6.82E-08	2.90E-07	5.24E-08	1.75E-08	6.99E-08	4.09E-08	8.41E-09	4.93E-08
7817	625079.52	4265728.68	2.65E-07	9.11E-08	3.56E-07	2.21E-07	6.82E-08	2.90E-07	5.25E-08	1.75E-08	6.99E-08	4.09E-08	8.41E-09	4.93E-08
7818	625079.69	4265718.75	2.65E-07	9.12E-08	3.56E-07	2.22E-07	6.82E-08	2.90E-07	5.25E-08	1.75E-08	6.99E-08	4.09E-08	8.41E-09	4.93E-08
7819	625079.85	4265708.81	2.65E-07	9.12E-08	3.56E-07	2.22E-07	6.83E-08	2.90E-07	5.25E-08	1.75E-08	7.00E-08	4.09E-08	8.42E-09	4.93E-08
7820	625080.01	4265698.88	2.65E-07	9.12E-08	3.57E-07	2.22E-07	6.83E-08	2.90E-07	5.25E-08	1.75E-08	7.00E-08	4.09E-08	8.42E-09	4.94E-08
7821	625080.18	4265688.95	2.65E-07	9.13E-08	3.57E-07	2.22E-07	6.83E-08	2.90E-07	5.25E-08	1.75E-08	7.00E-08	4.09E-08	8.42E-09	4.94E-08
7822	625080.34	4265679.01	2.65E-07	9.12E-08	3.57E-07	2.22E-07	6.83E-08	2.90E-07	5.25E-08	1.75E-08	7.00E-08	4.09E-08	8.42E-09	4.94E-08
7823	625047.92	4266270.41	2.39E-07	8.23E-08	3.22E-07	2.00E-07	6.16E-08	2.62E-07	4.74E-08	1.58E-08	6.31E-08	3.69E-08	7.59E-09	4.45E-08
7824	625044.11	4266279.19	2.41E-07	8.29E-08	3.24E-07	2.02E-07	6.21E-08	2.64E-07	4.77E-08	1.59E-08	6.36E-08	3.72E-08	7.65E-09	4.49E-08
7825	625040.3	4266287.98	2.43E-07	8.35E-08	3.26E-07	2.03E-07	6.25E-08	2.66E-07	4.81E-08	1.60E-08	6.41E-08	3.75E-08	7.71E-09	4.52E-08
7826	625036.49	4266296.76	2.45E-07	8.41E-08	3.29E-07	2.04E-07	6.30E-08	2.67E-07	4.84E-08	1.61E-08	6.45E-08	3.78E-08	7.76E-09	4.55E-08
7827	625032.67	4266305.54	2.46E-07	8.47E-08	3.31E-07	2.06E-07	6.34E-08	2.69E-07	4.87E-08	1.62E-08	6.50E-08	3.80E-08	7.82E-09	4.58E-08
7828	625028.86	4266314.33	2.48E-07	8.52E-08	3.33E-07	2.07E-07	6.38E-08	2.71E-07	4.90E-08	1.63E-08	6.54E-08	3.82E-08	7.86E-09	4.61E-08
7829	625025.05	4266323.11	2.49E-07	8.57E-08	3.35E-07	2.08E-07	6.41E-08	2.72E-07	4.93E-08	1.64E-08	6.57E-08	3.84E-08	7.91E-09	4.63E-08
7830	625012.33	4266335.4	2.58E-07	8.88E-08	3.47E-07	2.16E-07	6.65E-08	2.82E-07	5.11E-08	1.70E-08	6.81E-08	3.98E-08	8.19E-09	4.80E-08
7831	624976.69	4266349.44	2.90E-07	9.98E-08	3.90E-07	2.43E-07	7.47E-08	3.17E-07	5.75E-08	1.91E-08	7.66E-08	4.48E-08	9.21E-09	5.40E-08
7832	624967.78	4266352.95	2.98E-07	1.03E-07	4.01E-07	2.49E-07	7.68E-08	3.26E-07	5.90E-08	1.97E-08	7.87E-08	4.60E-08	9.47E-09	5.55E-08
7833	624958.87	4266356.46	3.06E-07	1.05E-07	4.11E-07	2.56E-07	7.88E-08	3.35E-07	6.06E-08	2.02E-08	8.08E-08	4.72E-08	9.71E-09	5.69E-08
7834	624949.96	4266359.96	3.14E-07	1.08E-07	4.22E-07	2.62E-07	8.08E-08	3.43E-07	6.21E-08	2.07E-08	8.28E-08	4.84E-08	9.96E-09	5.84E-08
7835	624941.06	4266363.47	3.21E-07	1.10E-07	4.32E-07	2.68E-07	8.27E-08	3.51E-07	6.36E-08	2.12E-08	8.47E-08	4.96E-08	1.02E-08	5.98E-08
7836	624932.15	4266366.98	3.28E-07	1.13E-07	4.41E-07	2.74E-07	8.45E-08	3.59E-07	6.50E-08	2.16E-08	8.66E-08	5.07E-08	1.04E-08	6.11E-08
7837	624923.24	4266370.49	3.35E-07	1.15E-07	4.50E-07	2.80E-07	8.63E-08	3.66E-07	6.63E-08	2.21E-08	8.84E-08	5.17E-08	1.06E-08	6.23E-08
7838	624860.87	4266395.05	3.69E-07	1.27E-07	4.96E-07	3.08E-07	9.50E-08	4.03E-07	7.30E-08	2.43E-08	9.73E-08	5.69E-08	1.17E-08	6.86E-08
7839	624851.97	4266398.56	3.71E-07	1.28E-07	4.99E-07	3.10E-07	9.56E-08	4.06E-07	7.35E-08	2.45E-08	9.80E-08	5.73E-08	1.18E-08	6.91E-08
7840	625097.65	4266146.29	2.10E-07	7.22E-08	2.82E-07	1.76E-07	5.41E-08	2.30E-07	4.16E-08	1.38E-08	5.54E-08	3.24E-08	6.66E-09	3.91E-08
7841	625097.81	4266136.36	2.10E-07	7.23E-08	2.83E-07	1.76E-07	5.41E-08	2.30E-07	4.16E-08	1.39E-08	5.55E-08	3.25E-08	6.67E-09	3.91E-08
7842	625097.98	4266126.43	2.11E-07	7.24E-08	2.83E-07	1.76E-07	5.42E-08	2.30E-07	4.17E-08	1.39E-08	5.56E-08	3.25E-08	6.69E-09	3.92E-08
7843	625098.14	4266116.49	2.11E-07	7.26E-08	2.84E-07	1.76E-07	5.44E-08	2.31E-07	4.18E-08	1.39E-08	5.57E-08	3.26E-08	6.70E-09	3.93E-08
7844	625098.3	4266106.56	2.12E-07	7.28E-08	2.84E-07	1.77E-07	5.45E-08	2.31E-07	4.19E-08	1.39E-08	5.58E-08	3.27E-08	6.72E-09	3.94E-08

7845	625098.47	4266096.63	2.12E-07	7.30E-08	2.85E-07	1.77E-07	5.46E-08	2.32E-07	4.20E-08	1.40E-08	5.60E-08	3.27E-08	6.73E-09	3.95E-08
7846	625098.63	4266086.69	2.13E-07	7.32E-08	2.86E-07	1.78E-07	5.48E-08	2.33E-07	4.21E-08	1.40E-08	5.61E-08	3.28E-08	6.75E-09	3.96E-08
7847	625098.79	4266076.76	2.14E-07	7.34E-08	2.87E-07	1.78E-07	5.50E-08	2.33E-07	4.23E-08	1.41E-08	5.63E-08	3.29E-08	6.78E-09	3.97E-08
7848	625098.96	4266066.83	2.14E-07	7.37E-08	2.88E-07	1.79E-07	5.52E-08	2.34E-07	4.24E-08	1.41E-08	5.65E-08	3.31E-08	6.80E-09	3.99E-08
7849	625099.12	4266056.89	2.15E-07	7.40E-08	2.89E-07	1.80E-07	5.54E-08	2.35E-07	4.26E-08	1.42E-08	5.68E-08	3.32E-08	6.83E-09	4.00E-08
7850	625099.29	4266046.96	2.16E-07	7.43E-08	2.90E-07	1.81E-07	5.56E-08	2.36E-07	4.28E-08	1.42E-08	5.70E-08	3.33E-08	6.86E-09	4.02E-08
7851	625099.45	4266037.03	2.17E-07	7.46E-08	2.92E-07	1.81E-07	5.59E-08	2.37E-07	4.30E-08	1.43E-08	5.72E-08	3.35E-08	6.89E-09	4.04E-08
7852	625099.61	4266027.09	2.18E-07	7.50E-08	2.93E-07	1.82E-07	5.61E-08	2.38E-07	4.32E-08	1.44E-08	5.75E-08	3.36E-08	6.92E-09	4.06E-08
7853	625099.78	4266017.16	2.19E-07	7.53E-08	2.94E-07	1.83E-07	5.64E-08	2.40E-07	4.34E-08	1.44E-08	5.78E-08	3.38E-08	6.95E-09	4.08E-08
7854	625099.94	4266007.23	2.20E-07	7.58E-08	2.96E-07	1.84E-07	5.67E-08	2.41E-07	4.36E-08	1.45E-08	5.81E-08	3.40E-08	6.99E-09	4.10E-08
7855	625100.1	4265997.29	2.22E-07	7.62E-08	2.98E-07	1.85E-07	5.70E-08	2.42E-07	4.39E-08	1.46E-08	5.85E-08	3.42E-08	7.03E-09	4.12E-08
7856	625100.27	4265987.36	2.23E-07	7.66E-08	2.99E-07	1.86E-07	5.74E-08	2.44E-07	4.41E-08	1.47E-08	5.88E-08	3.44E-08	7.07E-09	4.15E-08
7857	625100.43	4265977.43	2.24E-07	7.70E-08	3.01E-07	1.87E-07	5.77E-08	2.45E-07	4.43E-08	1.48E-08	5.91E-08	3.46E-08	7.11E-09	4.17E-08
7858	625100.59	4265967.49	2.25E-07	7.74E-08	3.03E-07	1.88E-07	5.80E-08	2.46E-07	4.46E-08	1.48E-08	5.94E-08	3.48E-08	7.15E-09	4.19E-08
7859	625100.76	4265957.56	2.26E-07	7.78E-08	3.04E-07	1.89E-07	5.83E-08	2.47E-07	4.48E-08	1.49E-08	5.97E-08	3.49E-08	7.18E-09	4.21E-08
7860	625100.92	4265947.63	2.28E-07	7.82E-08	3.06E-07	1.90E-07	5.86E-08	2.49E-07	4.50E-08	1.50E-08	6.00E-08	3.51E-08	7.22E-09	4.23E-08
7861	625101.08	4265937.69	2.29E-07	7.86E-08	3.07E-07	1.91E-07	5.89E-08	2.50E-07	4.52E-08	1.51E-08	6.03E-08	3.53E-08	7.25E-09	4.25E-08
7862	625101.25	4265927.76	2.30E-07	7.90E-08	3.09E-07	1.92E-07	5.91E-08	2.51E-07	4.55E-08	1.51E-08	6.06E-08	3.54E-08	7.29E-09	4.27E-08
7863	625101.41	4265917.83	2.31E-07	7.93E-08	3.10E-07	1.93E-07	5.94E-08	2.52E-07	4.57E-08	1.52E-08	6.09E-08	3.56E-08	7.32E-09	4.29E-08
7864	625101.57	4265907.89	2.32E-07	7.97E-08	3.11E-07	1.94E-07	5.97E-08	2.53E-07	4.59E-08	1.53E-08	6.11E-08	3.58E-08	7.35E-09	4.31E-08
7865	625101.74	4265897.96	2.33E-07	8.00E-08	3.13E-07	1.94E-07	5.99E-08	2.54E-07	4.61E-08	1.53E-08	6.14E-08	3.59E-08	7.38E-09	4.33E-08
7866	625101.9	4265888.03	2.34E-07	8.03E-08	3.14E-07	1.95E-07	6.01E-08	2.55E-07	4.62E-08	1.54E-08	6.16E-08	3.61E-08	7.41E-09	4.35E-08
7867	625102.07	4265878.09	2.35E-07	8.07E-08	3.15E-07	1.96E-07	6.04E-08	2.56E-07	4.64E-08	1.55E-08	6.19E-08	3.62E-08	7.44E-09	4.36E-08
7868	625102.23	4265868.16	2.35E-07	8.09E-08	3.16E-07	1.97E-07	6.06E-08	2.57E-07	4.66E-08	1.55E-08	6.21E-08	3.63E-08	7.47E-09	4.38E-08
7869	625102.39	4265858.23	2.36E-07	8.12E-08	3.17E-07	1.97E-07	6.08E-08	2.58E-07	4.67E-08	1.56E-08	6.23E-08	3.64E-08	7.49E-09	4.39E-08
7870	625102.56	4265848.29	2.37E-07	8.14E-08	3.18E-07	1.98E-07	6.09E-08	2.59E-07	4.68E-08	1.56E-08	6.24E-08	3.65E-08	7.51E-09	4.40E-08
7871	625102.72	4265838.36	2.37E-07	8.15E-08	3.19E-07	1.98E-07	6.10E-08	2.59E-07	4.69E-08	1.56E-08	6.25E-08	3.66E-08	7.52E-09	4.41E-08
7872	625102.88	4265828.43	2.37E-07	8.16E-08	3.19E-07	1.98E-07	6.11E-08	2.59E-07	4.70E-08	1.56E-08	6.26E-08	3.66E-08	7.53E-09	4.42E-08
7873	625103.05	4265818.49	2.38E-07	8.17E-08	3.19E-07	1.99E-07	6.12E-08	2.60E-07	4.70E-08	1.57E-08	6.27E-08	3.67E-08	7.54E-09	4.42E-08
7874	625103.21	4265808.56	2.38E-07	8.17E-08	3.19E-07	1.99E-07	6.12E-08	2.60E-07	4.70E-08	1.57E-08	6.27E-08	3.67E-08	7.54E-09	4.42E-08
7875	625103.37	4265798.63	2.38E-07	8.17E-08	3.19E-07	1.99E-07	6.12E-08	2.60E-07	4.71E-08	1.57E-08	6.27E-08	3.67E-08	7.54E-09	4.42E-08
7876	625103.54	4265788.69	2.38E-07	8.17E-08	3.19E-07	1.99E-07	6.12E-08	2.60E-07	4.70E-08	1.57E-08	6.27E-08	3.67E-08	7.54E-09	4.42E-08
7877	625103.7	4265778.76	2.38E-07	8.17E-08	3.19E-07	1.99E-07	6.12E-08	2.60E-07	4.70E-08	1.57E-08	6.27E-08	3.67E-08	7.54E-09	4.42E-08
7878	625103.86	4265768.83	2.38E-07	8.17E-08	3.19E-07	1.99E-07	6.12E-08	2.60E-07	4.70E-08	1.57E-08	6.27E-08	3.67E-08	7.54E-09	4.42E-08
7879	625104.03	4265758.89	2.38E-07	8.17E-08	3.19E-07	1.99E-07	6.12E-08	2.60E-07	4.70E-08	1.57E-08	6.27E-08	3.67E-08	7.54E-09	4.42E-08
7880	625104.19	4265748.96	2.38E-07	8.17E-08	3.19E-07	1.99E-07	6.12E-08	2.60E-07	4.70E-08	1.57E-08	6.27E-08	3.67E-08	7.54E-09	4.42E-08
7881	625104.35	4265739.03	2.38E-07	8.17E-08	3.19E-07	1.99E-07	6.12E-08	2.60E-07	4.70E-08	1.57E-08	6.27E-08	3.67E-08	7.54E-09	4.42E-08
7882	625104.52	4265729.09	2.38E-07	8.18E-08	3.20E-07	1.99E-07	6.12E-08	2.60E-07	4.71E-08	1.57E-08	6.28E-08	3.67E-08	7.55E-09	4.43E-08
7883	625104.68	4265719.16	2.38E-07	8.19E-08	3.20E-07	1.99E-07	6.13E-08	2.60E-07	4.71E-08	1.57E-08	6.28E-08	3.67E-08	7.56E-09	4.43E-08
7884	625104.85	4265709.23	2.38E-07	8.20E-08	3.20E-07	1.99E-07	6.14E-08	2.61E-07	4.72E-08	1.57E-08	6.29E-08	3.68E-08	7.57E-09	4.44E-08
7885	625105.01	4265699.29	2.39E-07	8.21E-08	3.21E-07	2.00E-07	6.15E-08	2.61E-07	4.72E-08	1.57E-08	6.30E-08	3.68E-08	7.58E-09	4.44E-08
7886	625105.17	4265689.36	2.39E-07	8.22E-08	3.21E-07	2.00E-07	6.15E-08	2.61E-07	4.73E-08	1.57E-08	6.30E-08	3.69E-08	7.58E-09	4.45E-08
7887	625105.34	4265679.43	2.39E-07	8.22E-08	3.21E-07	2.00E-07	6.16E-08	2.61E-07	4.73E-08	1.58E-08	6.31E-08	3.69E-08	7.59E-09	4.45E-08
7888	625046.23	4266332.31	2.27E-07	7.80E-08	3.05E-07	1.90E-07	5.84E-08	2.48E-07	4.49E-08	1.49E-08	5.98E-08	3.50E-08	7.20E-09	4.22E-08
7889	625042.42	4266341.09	2.28E-07	7.84E-08	3.06E-07	1.91E-07	5.87E-08	2.49E-07	4.51E-08	1.50E-08	6.01E-08	3.52E-08	7.23E-09	4.24E-08
7890	625029.7	4266353.38	2.36E-07	8.11E-08	3.17E-07	1.97E-07	6.07E-08	2.58E-07	4.67E-08	1.55E-08	6.22E-08	3.64E-08	7.49E-09	4.39E-08
7891	625020.79	4266356.89	2.43E-07	8.35E-08	3.26E-07	2.03E-07	6.25E-08	2.65E-07	4.81E-08	1.60E-08	6.41E-08	3.75E-08	7.71E-09	4.52E-08
7892	625011.88	4266360.4	2.50E-07	8.59E-08	3.36E-07	2.09E-07	6.43E-08	2.73E-07	4.95E-08	1.65E-08	6.59E-08	3.86E-08	7.93E-09	4.65E-08
7893	625002.97	4266363.91	2.57E-07	8.83E-08	3.45E-07	2.15E-07	6.61E-08	2.81E-07	5.08E-08	1.69E-08	6.78E-08	3.96E-08	8.15E-09	4.78E-08
7894	624994.06	4266367.42	2.64E-07	9.07E-08	3.55E-07	2.21E-07	6.79E-08	2.89E-07	5.22E-08	1.74E-08	6.96E-08	4.07E-08	8.37E-09	4.91E-08
7895	624985.15	4266370.93	2.71E-07	9.31E-08	3.64E-07	2.26E-07	6.97E-08	2.96E-07	5.36E-08	1.78E-08	7.15E-08	4.18E-08	8.60E-09	5.04E-08
7896	624976.25	4266374.43	2.78E-07	9.55E-08	3.73E-07	2.32E-07	7.15E-08	3.04E-07	5.50E-08	1.83E-08	7.33E-08	4.29E-08	8.81E-09	5.17E-08
7897	624967.34	4266377.94	2.84E-07	9.78E-08	3.82E-07	2.38E-07	7.32E-08	3.11E-07	5.63E-08	1.87E-08	7.50E-08	4.39E-08	9.03E-09	5.29E-08
7898	624958.43	4266381.45	2.91E-07	1.00E-07	3.91E-07	2.43E-07	7.49E-08	3.18E-07	5.76E-08	1.92E-08	7.68E-08	4.49E-08	9.23E-09	5.41E-08
7899	624949.52	4266384.96	2.97E-07	1.02E-07	4.00E-07	2.49E-07	7.65E-08	3.25E-07	5.89E-08	1.96E-08	7.84E-08	4.59E-08	9.44E-09	5.53E-08
7900	624940.61	4266388.47	3.03E-07	1.04E-07	4.08E-07	2.54E-07	7.81E-08	3.32E-07	6.01E-08	2.00E-08	8.01E-08	4.68E-08	9.63E-09	5.65E-08
7901	624931.7	4266391.98	3.09E-07	1.06E-07	4.16E-07	2.58E-07	7.96E-08	3.38E-07	6.12E-08	2.04E-08	8.16E-08	4.77E-08	9.81E-09	5.75E-08
7902	624922.79	4266395.49	3.15E-07	1.08E-07	4.23E-07	2.63E-07	8.10E-08	3.44E-07	6.23E-08	2.07E-08	8.30E-08	4.86E-08	9.99E-09	5.85E-08
7903	624913.88	4266399	3.20E-07	1.10E-07	4.30E-07	2.67E-07	8.23E-08	3.50E-07	6.33E-08	2.11E-08	8.44E-08	4.93E-08	1.01E-08	5.95E-08
7904	624904.97	4266402.5	3.24E-07	1.12E-07	4.36E-07	2.71E-07	8.35E-08	3.55E-07	6.42E-08	2.14E-08	8.56E-08	5.01E-08	1.03E-08	6.04E-08
7905	624896.06	4266406.01	3.29E-07	1.13E-07	4.42E-07	2.75E-07	8.46E-08	3.59E-07	6.50E-08	2.16E-08	8.67E-08	5.07E-08	1.04E-08	6.11E-08
7906	624887.16	4266409.52	3.32E-07	1.14E-07	4.47E-07	2.78E-07	8.55E-08	3.63E-07	6.58E-08	2.19E-08	8.77E-08	5.13E-08	1.05E-08	6.18E-08
7907	624878.25	4266413.03	3.36E-07	1.15E-07	4.51E-07	2.80E-07	8.64E-08	3.67E-07	6.64E-08	2.21E-08	8.85E-08	5.18E-08	1.06E-08	6.24E-08
7908	624869.34	4266416.54	3.38E-07	1.16E-07	4.55E-07	2.83E-07	8.71E-08	3.70E-07	6.69E-08	2.23E-08	8.92E-08	5.22E-08	1.07E-08	6.29E-08
7909	624860.43	4266420.05	3.40E-07	1.17E-07	4.58E-07	2.85E-07	8.77E-08	3.72E-07	6.74E-08	2.24E-08	8.98E-08	5.25E-08	1.08E-08	6.33E-08
7910	624851.52	4266423.56	3.42E-07	1.18E-07	4.60E-07	2.86E-07	8.81E-08	3.74E-07	6.77E-08	2.25E-08	9.03E-08	5.28E-08	1.09E-08	6.37E-08
7911	625122.65	4266146.7	1.90E-07	6.53E-08	2.55E-07	1.59E-07	4.89E-08	2.08E-07	3.76E-08	1.25E-08	5.01E-08	2.93E-08	6.03E-09	3.53E-08
7912	625122.81	4266136.77	1.90E-07	6.54E-08	2.56E-07	1.59E-07	4.90E-08	2.08E-07	3.76E-08	1.25E-08	5.02E-08	2.93E-08	6.04E-09	3.54E-08
7913	625122.97	4266126.84	1.90E-07	6.55E-08	2.56E-07	1.59E-07	4.90E-08	2.08E-07	3.77E-08	1.25E-08	5.02E-08	2.94E-08	6.04E-09	3.54E-08
7914	625123.14	4266116.9	1.91E-07	6.56E-08	2.56E-07	1.59E-07	4.91E-08	2.08E-07	3.77E-08	1.26E-08	5.03E-08	2.94E-08	6.05E-09	3.55E-08
7915	625123.3	4266106.97	1.91E-07	6.57E-08	2.57E-07	1.60E-07	4.92E-08	2.09E-07	3.78E-08	1.26E-08	5.04E-08	2.95E-08	6.06E-09	3.55E-08
7916	625123.46	4266097.04	1.91E-07	6.58E-08	2.57E-07	1.60E-07	4.93E-08	2.09E-07	3.79E-08	1.26E-08	5.05E-08	2.95E-08	6.07E-09	3.56E-08

7917	625123.63	4266087.1	1.92E-07	6.60E-08	2.58E-07	1.60E-07	4.94E-08	2.10E-07	3.80E-08	1.26E-08	5.06E-08	2.96E-08	6.09E-09	3.57E-08
7918	625123.79	4266077.17	1.92E-07	6.61E-08	2.58E-07	1.61E-07	4.95E-08	2.10E-07	3.81E-08	1.27E-08	5.07E-08	2.97E-08	6.10E-09	3.58E-08
7919	625123.95	4266067.24	1.93E-07	6.64E-08	2.59E-07	1.61E-07	4.97E-08	2.11E-07	3.82E-08	1.27E-08	5.09E-08	2.98E-08	6.12E-09	3.59E-08
7920	625124.12	4266057.3	1.94E-07	6.66E-08	2.60E-07	1.62E-07	4.99E-08	2.12E-07	3.83E-08	1.28E-08	5.11E-08	2.99E-08	6.15E-09	3.60E-08
7921	625124.28	4266047.37	1.94E-07	6.69E-08	2.61E-07	1.63E-07	5.01E-08	2.13E-07	3.85E-08	1.28E-08	5.13E-08	3.00E-08	6.17E-09	3.62E-08
7922	625124.45	4266037.44	1.95E-07	6.71E-08	2.62E-07	1.63E-07	5.03E-08	2.13E-07	3.87E-08	1.29E-08	5.15E-08	3.01E-08	6.20E-09	3.63E-08
7923	625124.61	4266027.5	1.96E-07	6.75E-08	2.64E-07	1.64E-07	5.05E-08	2.14E-07	3.88E-08	1.29E-08	5.18E-08	3.03E-08	6.23E-09	3.65E-08
7924	625124.77	4266017.57	1.97E-07	6.78E-08	2.65E-07	1.65E-07	5.07E-08	2.16E-07	3.90E-08	1.30E-08	5.20E-08	3.04E-08	6.26E-09	3.67E-08
7925	625124.94	4266007.64	1.98E-07	6.81E-08	2.66E-07	1.66E-07	5.10E-08	2.17E-07	3.92E-08	1.31E-08	5.23E-08	3.06E-08	6.29E-09	3.69E-08
7926	625125.1	4265997.7	1.99E-07	6.85E-08	2.68E-07	1.67E-07	5.13E-08	2.18E-07	3.95E-08	1.31E-08	5.26E-08	3.08E-08	6.33E-09	3.71E-08
7927	625125.26	4265987.77	2.00E-07	6.89E-08	2.69E-07	1.68E-07	5.16E-08	2.19E-07	3.97E-08	1.32E-08	5.29E-08	3.09E-08	6.36E-09	3.73E-08
7928	625125.43	4265977.84	2.02E-07	6.93E-08	2.71E-07	1.68E-07	5.19E-08	2.20E-07	3.99E-08	1.33E-08	5.32E-08	3.11E-08	6.40E-09	3.75E-08
7929	625125.59	4265967.9	2.03E-07	6.97E-08	2.72E-07	1.69E-07	5.22E-08	2.22E-07	4.01E-08	1.33E-08	5.35E-08	3.13E-08	6.43E-09	3.77E-08
7930	625125.75	4265957.97	2.04E-07	7.00E-08	2.74E-07	1.70E-07	5.24E-08	2.23E-07	4.03E-08	1.34E-08	5.37E-08	3.14E-08	6.46E-09	3.79E-08
7931	625125.92	4265948.04	2.05E-07	7.04E-08	2.75E-07	1.71E-07	5.27E-08	2.24E-07	4.05E-08	1.35E-08	5.40E-08	3.16E-08	6.50E-09	3.81E-08
7932	625126.08	4265938.1	2.06E-07	7.07E-08	2.76E-07	1.72E-07	5.30E-08	2.25E-07	4.07E-08	1.36E-08	5.43E-08	3.17E-08	6.53E-09	3.83E-08
7933	625126.24	4265928.17	2.07E-07	7.11E-08	2.78E-07	1.73E-07	5.32E-08	2.26E-07	4.09E-08	1.36E-08	5.45E-08	3.19E-08	6.56E-09	3.85E-08
7934	625126.41	4265918.24	2.08E-07	7.14E-08	2.79E-07	1.74E-07	5.35E-08	2.27E-07	4.11E-08	1.37E-08	5.48E-08	3.20E-08	6.59E-09	3.86E-08
7935	625126.57	4265908.3	2.09E-07	7.17E-08	2.80E-07	1.74E-07	5.37E-08	2.28E-07	4.13E-08	1.37E-08	5.50E-08	3.22E-08	6.62E-09	3.88E-08
7936	625126.73	4265898.37	2.09E-07	7.20E-08	2.82E-07	1.75E-07	5.39E-08	2.29E-07	4.15E-08	1.38E-08	5.53E-08	3.23E-08	6.65E-09	3.90E-08
7937	625126.9	4265888.44	2.10E-07	7.23E-08	2.83E-07	1.76E-07	5.42E-08	2.30E-07	4.16E-08	1.39E-08	5.55E-08	3.25E-08	6.68E-09	3.91E-08
7938	625127.06	4265878.5	2.11E-07	7.26E-08	2.84E-07	1.77E-07	5.44E-08	2.31E-07	4.18E-08	1.39E-08	5.57E-08	3.26E-08	6.70E-09	3.93E-08
7939	625127.23	4265868.57	2.12E-07	7.29E-08	2.85E-07	1.77E-07	5.46E-08	2.32E-07	4.20E-08	1.40E-08	5.59E-08	3.27E-08	6.73E-09	3.94E-08
7940	625127.39	4265858.64	2.13E-07	7.31E-08	2.86E-07	1.78E-07	5.47E-08	2.32E-07	4.21E-08	1.40E-08	5.61E-08	3.28E-08	6.75E-09	3.96E-08
7941	625127.55	4265848.7	2.13E-07	7.33E-08	2.86E-07	1.78E-07	5.49E-08	2.33E-07	4.22E-08	1.40E-08	5.62E-08	3.29E-08	6.76E-09	3.96E-08
7942	625127.72	4265838.77	2.13E-07	7.34E-08	2.87E-07	1.78E-07	5.50E-08	2.33E-07	4.23E-08	1.41E-08	5.63E-08	3.29E-08	6.77E-09	3.97E-08
7943	625127.88	4265828.84	2.14E-07	7.35E-08	2.87E-07	1.79E-07	5.50E-08	2.34E-07	4.23E-08	1.41E-08	5.64E-08	3.30E-08	6.78E-09	3.98E-08
7944	625128.04	4265818.9	2.14E-07	7.36E-08	2.88E-07	1.79E-07	5.51E-08	2.34E-07	4.24E-08	1.41E-08	5.65E-08	3.30E-08	6.79E-09	3.98E-08
7945	625128.21	4265808.97	2.14E-07	7.36E-08	2.88E-07	1.79E-07	5.51E-08	2.34E-07	4.24E-08	1.41E-08	5.65E-08	3.30E-08	6.79E-09	3.98E-08
7946	625128.37	4265799.04	2.14E-07	7.36E-08	2.88E-07	1.79E-07	5.51E-08	2.34E-07	4.24E-08	1.41E-08	5.65E-08	3.30E-08	6.80E-09	3.98E-08
7947	625128.53	4265789.1	2.14E-07	7.37E-08	2.88E-07	1.79E-07	5.51E-08	2.34E-07	4.24E-08	1.41E-08	5.65E-08	3.31E-08	6.80E-09	3.98E-08
7948	625128.7	4265779.17	2.14E-07	7.37E-08	2.88E-07	1.79E-07	5.51E-08	2.34E-07	4.24E-08	1.41E-08	5.65E-08	3.31E-08	6.80E-09	3.98E-08
7949	625128.86	4265769.24	2.14E-07	7.37E-08	2.88E-07	1.79E-07	5.52E-08	2.34E-07	4.24E-08	1.41E-08	5.65E-08	3.31E-08	6.80E-09	3.99E-08
7950	625129.02	4265759.3	2.14E-07	7.37E-08	2.88E-07	1.79E-07	5.52E-08	2.34E-07	4.24E-08	1.41E-08	5.65E-08	3.31E-08	6.80E-09	3.99E-08
7951	625129.19	4265749.37	2.14E-07	7.37E-08	2.88E-07	1.79E-07	5.52E-08	2.34E-07	4.24E-08	1.41E-08	5.66E-08	3.31E-08	6.81E-09	3.99E-08
7952	625129.35	4265739.44	2.15E-07	7.38E-08	2.88E-07	1.79E-07	5.53E-08	2.35E-07	4.25E-08	1.41E-08	5.66E-08	3.31E-08	6.81E-09	3.99E-08
7953	625129.52	4265729.5	2.15E-07	7.39E-08	2.89E-07	1.80E-07	5.53E-08	2.35E-07	4.25E-08	1.42E-08	5.67E-08	3.32E-08	6.82E-09	4.00E-08
7954	625129.68	4265719.57	2.15E-07	7.40E-08	2.89E-07	1.80E-07	5.54E-08	2.35E-07	4.26E-08	1.42E-08	5.68E-08	3.32E-08	6.83E-09	4.01E-08
7955	625129.84	4265709.64	2.16E-07	7.42E-08	2.90E-07	1.80E-07	5.55E-08	2.36E-07	4.27E-08	1.42E-08	5.69E-08	3.33E-08	6.85E-09	4.01E-08
7956	625130.01	4265699.7	2.16E-07	7.43E-08	2.90E-07	1.81E-07	5.56E-08	2.36E-07	4.28E-08	1.42E-08	5.70E-08	3.33E-08	6.86E-09	4.02E-08
7957	625130.17	4265689.77	2.16E-07	7.44E-08	2.91E-07	1.81E-07	5.57E-08	2.37E-07	4.28E-08	1.43E-08	5.71E-08	3.34E-08	6.87E-09	4.03E-08
7958	625130.33	4265679.84	2.17E-07	7.45E-08	2.91E-07	1.81E-07	5.58E-08	2.37E-07	4.29E-08	1.43E-08	5.72E-08	3.34E-08	6.88E-09	4.03E-08
7959	625047.07	4266371.36	2.17E-07	7.45E-08	2.91E-07	1.81E-07	5.58E-08	2.37E-07	4.29E-08	1.43E-08	5.72E-08	3.34E-08	6.88E-09	4.03E-08
7960	625038.16	4266374.87	2.23E-07	7.66E-08	2.99E-07	1.86E-07	5.73E-08	2.44E-07	4.41E-08	1.47E-08	5.88E-08	3.44E-08	7.07E-09	4.14E-08
7961	625029.25	4266378.38	2.29E-07	7.87E-08	3.08E-07	1.91E-07	5.89E-08	2.50E-07	4.53E-08	1.51E-08	6.04E-08	3.53E-08	7.26E-09	4.26E-08
7962	625020.34	4266381.89	2.35E-07	8.08E-08	3.16E-07	1.96E-07	6.05E-08	2.57E-07	4.65E-08	1.55E-08	6.20E-08	3.63E-08	7.46E-09	4.37E-08
7963	625011.44	4266385.39	2.41E-07	8.29E-08	3.24E-07	2.02E-07	6.21E-08	2.64E-07	4.77E-08	1.59E-08	6.36E-08	3.72E-08	7.66E-09	4.49E-08
7964	625002.53	4266388.9	2.47E-07	8.51E-08	3.32E-07	2.07E-07	6.37E-08	2.70E-07	4.90E-08	1.63E-08	6.53E-08	3.82E-08	7.85E-09	4.60E-08
7965	624993.62	4266392.41	2.53E-07	8.71E-08	3.41E-07	2.12E-07	6.52E-08	2.77E-07	5.02E-08	1.67E-08	6.69E-08	3.91E-08	8.04E-09	4.71E-08
7966	624984.71	4266395.92	2.59E-07	8.92E-08	3.49E-07	2.17E-07	6.68E-08	2.84E-07	5.13E-08	1.71E-08	6.84E-08	4.00E-08	8.23E-09	4.82E-08
7967	624975.8	4266399.43	2.65E-07	9.12E-08	3.56E-07	2.22E-07	6.83E-08	2.90E-07	5.25E-08	1.75E-08	7.00E-08	4.09E-08	8.41E-09	4.93E-08
7968	624966.89	4266402.94	2.71E-07	9.31E-08	3.64E-07	2.26E-07	6.97E-08	2.96E-07	5.36E-08	1.78E-08	7.14E-08	4.18E-08	8.59E-09	5.04E-08
7969	624957.98	4266406.45	2.76E-07	9.50E-08	3.71E-07	2.31E-07	7.11E-08	3.02E-07	5.47E-08	1.82E-08	7.29E-08	4.26E-08	8.77E-09	5.14E-08
7970	624949.07	4266409.96	2.82E-07	9.68E-08	3.78E-07	2.35E-07	7.25E-08	3.08E-07	5.57E-08	1.85E-08	7.43E-08	4.34E-08	8.93E-09	5.24E-08
7971	624940.16	4266413.47	2.87E-07	9.85E-08	3.85E-07	2.39E-07	7.38E-08	3.13E-07	5.67E-08	1.89E-08	7.56E-08	4.42E-08	9.09E-09	5.33E-08
7972	624931.25	4266416.97	2.91E-07	1.00E-07	3.91E-07	2.43E-07	7.50E-08	3.18E-07	5.76E-08	1.92E-08	7.68E-08	4.49E-08	9.24E-09	5.42E-08
7973	624922.35	4266420.48	2.96E-07	1.02E-07	3.97E-07	2.47E-07	7.61E-08	3.23E-07	5.85E-08	1.95E-08	7.80E-08	4.56E-08	9.38E-09	5.50E-08
7974	624913.44	4266423.99	3.00E-07	1.03E-07	4.03E-07	2.50E-07	7.71E-08	3.28E-07	5.93E-08	1.97E-08	7.90E-08	4.62E-08	9.51E-09	5.57E-08
7975	624904.53	4266427.5	3.03E-07	1.04E-07	4.07E-07	2.53E-07	7.81E-08	3.31E-07	6.00E-08	2.00E-08	8.00E-08	4.68E-08	9.62E-09	5.64E-08
7976	624895.62	4266431.01	3.06E-07	1.05E-07	4.12E-07	2.56E-07	7.89E-08	3.35E-07	6.07E-08	2.02E-08	8.08E-08	4.73E-08	9.72E-09	5.70E-08
7977	624886.71	4266434.52	3.09E-07	1.06E-07	4.16E-07	2.58E-07	7.96E-08	3.38E-07	6.12E-08	2.04E-08	8.16E-08	4.77E-08	9.81E-09	5.75E-08
7978	624877.8	4266438.03	3.12E-07	1.07E-07	4.19E-07	2.60E-07	8.02E-08	3.41E-07	6.17E-08	2.05E-08	8.22E-08	4.81E-08	9.89E-09	5.80E-08
7979	624868.89	4266441.54	3.14E-07	1.08E-07	4.21E-07	2.62E-07	8.07E-08	3.43E-07	6.21E-08	2.07E-08	8.27E-08	4.84E-08	9.95E-09	5.83E-08
7980	624859.98	4266445.04	3.15E-07	1.08E-07	4.23E-07	2.63E-07	8.11E-08	3.45E-07	6.24E-08	2.08E-08	8.31E-08	4.86E-08	1.00E-08	5.86E-08
7981	624851.07	4266448.55	3.16E-07	1.09E-07	4.25E-07	2.64E-07	8.14E-08	3.46E-07	6.26E-08	2.08E-08	8.35E-08	4.88E-08	1.00E-08	5.88E-08
7982	625147.64	4266147.12	1.73E-07	5.95E-08	2.32E-07	1.45E-07	4.45E-08	1.89E-07	3.42E-08	1.14E-08	4.56E-08	2.67E-08	5.49E-09	3.22E-08
7983	625147.81	4266137.18	1.73E-07	5.95E-08	2.33E-07	1.45E-07	4.46E-08	1.89E-07	3.43E-08	1.14E-08	4.57E-08	2.67E-08	5.49E-09	3.22E-08
7984	625147.97	4266127.25	1.73E-07	5.95E-08	2.33E-07	1.45E-07	4.46E-08	1.89E-07	3.43E-08	1.14E-08	4.57E-08	2.67E-08	5.50E-09	3.22E-08
7985	625148.13	4266117.32	1.73E-07	5.96E-08	2.33E-07	1.45E-07	4.46E-08	1.89E-07	3.43E-08	1.14E-08	4.57E-08	2.67E-08	5.50E-09	3.22E-08
7986	625148.3	4266107.38	1.74E-07	5.97E-08	2.33E-07	1.45E-07	4.47E-08	1.90E-07	3.43E-08	1.14E-08	4.58E-08	2.68E-08	5.51E-09	3.23E-08
7987	625148.46	4266097.45	1.74E-07	5.98E-08	2.34E-07	1.45E-07	4.47E-08	1.90E-07	3.44E-08	1.14E-08	4.58E-08	2.68E-08	5.52E-09	3.23E-08
7988	625148.62	4266087.52	1.74E-07	5.99E-08	2.34E-07	1.46E-07	4.48E-08	1.90E-07	3.45E-08	1.15E-08	4.59E-08	2.69E-08	5.53E-09	3.24E-08

7989	625148.79	4266077.58	1.75E-07	6.00E-08	2.35E-07	1.46E-07	4.49E-08	1.91E-07	3.46E-08	1.15E-08	4.61E-08	2.69E-08	5.54E-09	3.25E-08
7990	625148.95	4266067.65	1.75E-07	6.02E-08	2.35E-07	1.46E-07	4.51E-08	1.92E-07	3.47E-08	1.15E-08	4.62E-08	2.70E-08	5.56E-09	3.26E-08
7991	625149.11	4266057.72	1.76E-07	6.05E-08	2.36E-07	1.47E-07	4.53E-08	1.92E-07	3.48E-08	1.16E-08	4.64E-08	2.71E-08	5.58E-09	3.27E-08
7992	625149.28	4266047.78	1.77E-07	6.07E-08	2.37E-07	1.48E-07	4.55E-08	1.93E-07	3.49E-08	1.16E-08	4.66E-08	2.72E-08	5.60E-09	3.28E-08
7993	625149.44	4266037.85	1.77E-07	6.10E-08	2.38E-07	1.48E-07	4.56E-08	1.94E-07	3.51E-08	1.17E-08	4.68E-08	2.74E-08	5.63E-09	3.30E-08
7994	625149.61	4266027.92	1.78E-07	6.12E-08	2.39E-07	1.49E-07	4.59E-08	1.95E-07	3.52E-08	1.17E-08	4.70E-08	2.75E-08	5.65E-09	3.31E-08
7995	625149.77	4266017.98	1.79E-07	6.15E-08	2.40E-07	1.50E-07	4.61E-08	1.96E-07	3.54E-08	1.18E-08	4.72E-08	2.76E-08	5.68E-09	3.33E-08
7996	625149.93	4266008.05	1.80E-07	6.18E-08	2.42E-07	1.50E-07	4.63E-08	1.97E-07	3.56E-08	1.18E-08	4.74E-08	2.78E-08	5.71E-09	3.35E-08
7997	625150.1	4265998.12	1.81E-07	6.22E-08	2.43E-07	1.51E-07	4.65E-08	1.98E-07	3.58E-08	1.19E-08	4.77E-08	2.79E-08	5.74E-09	3.36E-08
7998	625150.26	4265988.18	1.82E-07	6.25E-08	2.44E-07	1.52E-07	4.68E-08	1.99E-07	3.60E-08	1.20E-08	4.80E-08	2.81E-08	5.77E-09	3.38E-08
7999	625150.42	4265978.25	1.83E-07	6.28E-08	2.46E-07	1.53E-07	4.71E-08	2.00E-07	3.62E-08	1.20E-08	4.82E-08	2.82E-08	5.80E-09	3.40E-08
8000	625150.59	4265968.32	1.84E-07	6.32E-08	2.47E-07	1.54E-07	4.73E-08	2.01E-07	3.64E-08	1.21E-08	4.85E-08	2.83E-08	5.83E-09	3.42E-08
8001	625150.75	4265958.38	1.85E-07	6.35E-08	2.48E-07	1.54E-07	4.75E-08	2.02E-07	3.66E-08	1.22E-08	4.87E-08	2.85E-08	5.86E-09	3.44E-08
8002	625150.91	4265948.45	1.86E-07	6.38E-08	2.49E-07	1.55E-07	4.78E-08	2.03E-07	3.67E-08	1.22E-08	4.90E-08	2.86E-08	5.89E-09	3.45E-08
8003	625151.08	4265938.52	1.87E-07	6.42E-08	2.51E-07	1.56E-07	4.80E-08	2.04E-07	3.69E-08	1.23E-08	4.92E-08	2.88E-08	5.92E-09	3.47E-08
8004	625151.24	4265928.58	1.87E-07	6.45E-08	2.52E-07	1.57E-07	4.83E-08	2.05E-07	3.71E-08	1.24E-08	4.95E-08	2.89E-08	5.95E-09	3.49E-08
8005	625151.4	4265918.65	1.88E-07	6.48E-08	2.53E-07	1.57E-07	4.85E-08	2.06E-07	3.73E-08	1.24E-08	4.97E-08	2.91E-08	5.98E-09	3.50E-08
8006	625151.57	4265908.72	1.89E-07	6.51E-08	2.54E-07	1.58E-07	4.87E-08	2.07E-07	3.75E-08	1.25E-08	4.99E-08	2.92E-08	6.01E-09	3.52E-08
8007	625151.73	4265898.78	1.90E-07	6.54E-08	2.56E-07	1.59E-07	4.90E-08	2.08E-07	3.76E-08	1.25E-08	5.02E-08	2.93E-08	6.03E-09	3.54E-08
8008	625151.89	4265888.85	1.91E-07	6.56E-08	2.57E-07	1.60E-07	4.92E-08	2.09E-07	3.78E-08	1.26E-08	5.04E-08	2.95E-08	6.06E-09	3.55E-08
8009	625152.06	4265878.92	1.92E-07	6.59E-08	2.57E-07	1.60E-07	4.93E-08	2.09E-07	3.79E-08	1.26E-08	5.05E-08	2.96E-08	6.08E-09	3.56E-08
8010	625152.22	4265868.98	1.92E-07	6.61E-08	2.58E-07	1.61E-07	4.95E-08	2.10E-07	3.80E-08	1.27E-08	5.07E-08	2.97E-08	6.10E-09	3.58E-08
8011	625152.39	4265859.05	1.93E-07	6.63E-08	2.59E-07	1.61E-07	4.96E-08	2.11E-07	3.82E-08	1.27E-08	5.09E-08	2.97E-08	6.12E-09	3.59E-08
8012	625152.55	4265849.12	1.93E-07	6.64E-08	2.60E-07	1.61E-07	4.97E-08	2.11E-07	3.82E-08	1.27E-08	5.10E-08	2.98E-08	6.13E-09	3.59E-08
8013	625152.71	4265839.18	1.94E-07	6.65E-08	2.60E-07	1.62E-07	4.98E-08	2.12E-07	3.83E-08	1.27E-08	5.11E-08	2.99E-08	6.14E-09	3.60E-08
8014	625152.88	4265829.25	1.94E-07	6.66E-08	2.60E-07	1.62E-07	4.99E-08	2.12E-07	3.84E-08	1.28E-08	5.11E-08	2.99E-08	6.15E-09	3.60E-08
8015	625153.04	4265819.32	1.94E-07	6.67E-08	2.61E-07	1.62E-07	4.99E-08	2.12E-07	3.84E-08	1.28E-08	5.12E-08	2.99E-08	6.15E-09	3.61E-08
8016	625153.2	4265809.38	1.94E-07	6.67E-08	2.61E-07	1.62E-07	5.00E-08	2.12E-07	3.84E-08	1.28E-08	5.12E-08	2.99E-08	6.16E-09	3.61E-08
8017	625153.37	4265799.45	1.94E-07	6.68E-08	2.61E-07	1.62E-07	5.00E-08	2.12E-07	3.84E-08	1.28E-08	5.12E-08	3.00E-08	6.16E-09	3.61E-08
8018	625153.53	4265789.52	1.94E-07	6.68E-08	2.61E-07	1.62E-07	5.00E-08	2.12E-07	3.84E-08	1.28E-08	5.12E-08	3.00E-08	6.16E-09	3.61E-08
8019	625153.69	4265779.58	1.94E-07	6.68E-08	2.61E-07	1.62E-07	5.00E-08	2.12E-07	3.85E-08	1.28E-08	5.13E-08	3.00E-08	6.17E-09	3.61E-08
8020	625153.86	4265769.65	1.94E-07	6.68E-08	2.61E-07	1.62E-07	5.00E-08	2.13E-07	3.85E-08	1.28E-08	5.13E-08	3.00E-08	6.17E-09	3.62E-08
8021	625154.02	4265759.72	1.95E-07	6.69E-08	2.61E-07	1.63E-07	5.01E-08	2.13E-07	3.85E-08	1.28E-08	5.13E-08	3.00E-08	6.17E-09	3.62E-08
8022	625154.18	4265749.78	1.95E-07	6.70E-08	2.62E-07	1.63E-07	5.01E-08	2.13E-07	3.86E-08	1.28E-08	5.14E-08	3.01E-08	6.18E-09	3.62E-08
8023	625154.35	4265739.85	1.95E-07	6.71E-08	2.62E-07	1.63E-07	5.02E-08	2.13E-07	3.86E-08	1.29E-08	5.15E-08	3.01E-08	6.19E-09	3.63E-08
8024	625154.51	4265729.92	1.95E-07	6.72E-08	2.63E-07	1.63E-07	5.03E-08	2.14E-07	3.87E-08	1.29E-08	5.16E-08	3.02E-08	6.20E-09	3.64E-08
8025	625154.68	4265719.98	1.96E-07	6.73E-08	2.63E-07	1.64E-07	5.04E-08	2.14E-07	3.88E-08	1.29E-08	5.17E-08	3.02E-08	6.22E-09	3.64E-08
8026	625154.84	4265710.05	1.96E-07	6.75E-08	2.64E-07	1.64E-07	5.06E-08	2.15E-07	3.89E-08	1.29E-08	5.18E-08	3.03E-08	6.23E-09	3.65E-08
8027	625155	4265700.12	1.97E-07	6.77E-08	2.65E-07	1.65E-07	5.07E-08	2.15E-07	3.90E-08	1.30E-08	5.19E-08	3.04E-08	6.25E-09	3.66E-08
8028	625155.17	4265690.18	1.97E-07	6.79E-08	2.65E-07	1.65E-07	5.08E-08	2.16E-07	3.91E-08	1.30E-08	5.21E-08	3.05E-08	6.26E-09	3.67E-08
8029	625155.33	4265680.25	1.98E-07	6.80E-08	2.66E-07	1.65E-07	5.09E-08	2.16E-07	3.91E-08	1.30E-08	5.22E-08	3.05E-08	6.28E-09	3.68E-08
8030	625185.61	4266185.2	1.51E-07	5.19E-08	2.03E-07	1.26E-07	3.88E-08	1.65E-07	2.99E-08	9.94E-09	3.98E-08	2.33E-08	4.79E-09	2.81E-08
8031	625181.66	4266194.31	1.52E-07	5.24E-08	2.05E-07	1.27E-07	3.93E-08	1.67E-07	3.02E-08	1.00E-08	4.02E-08	2.35E-08	4.84E-09	2.84E-08
8032	625177.7	4266203.42	1.54E-07	5.30E-08	2.07E-07	1.29E-07	3.97E-08	1.68E-07	3.05E-08	1.01E-08	4.06E-08	2.38E-08	4.89E-09	2.87E-08
8033	625173.75	4266212.52	1.56E-07	5.35E-08	2.09E-07	1.30E-07	4.00E-08	1.70E-07	3.08E-08	1.02E-08	4.10E-08	2.40E-08	4.94E-09	2.89E-08
8034	625169.8	4266221.63	1.57E-07	5.40E-08	2.11E-07	1.31E-07	4.04E-08	1.72E-07	3.11E-08	1.03E-08	4.14E-08	2.42E-08	4.98E-09	2.92E-08
8035	625165.84	4266230.74	1.58E-07	5.44E-08	2.13E-07	1.32E-07	4.07E-08	1.73E-07	3.13E-08	1.04E-08	4.17E-08	2.44E-08	5.02E-09	2.94E-08
8036	625161.89	4266239.85	1.59E-07	5.48E-08	2.14E-07	1.33E-07	4.11E-08	1.74E-07	3.16E-08	1.05E-08	4.21E-08	2.46E-08	5.06E-09	2.97E-08
8037	625157.94	4266248.96	1.61E-07	5.52E-08	2.16E-07	1.34E-07	4.13E-08	1.76E-07	3.18E-08	1.06E-08	4.24E-08	2.48E-08	5.10E-09	2.99E-08
8038	625153.98	4266258.07	1.62E-07	5.56E-08	2.17E-07	1.35E-07	4.16E-08	1.77E-07	3.20E-08	1.07E-08	4.27E-08	2.50E-08	5.13E-09	3.01E-08
8039	625150.03	4266267.18	1.63E-07	5.60E-08	2.19E-07	1.36E-07	4.19E-08	1.78E-07	3.22E-08	1.07E-08	4.29E-08	2.51E-08	5.16E-09	3.03E-08
8040	625146.08	4266276.29	1.64E-07	5.63E-08	2.20E-07	1.37E-07	4.22E-08	1.79E-07	3.24E-08	1.08E-08	4.32E-08	2.53E-08	5.20E-09	3.05E-08
8041	625142.12	4266285.39	1.65E-07	5.67E-08	2.22E-07	1.38E-07	4.25E-08	1.80E-07	3.27E-08	1.09E-08	4.35E-08	2.55E-08	5.24E-09	3.07E-08
8042	625106.54	4266367.37	1.76E-07	6.06E-08	2.37E-07	1.47E-07	4.54E-08	1.93E-07	3.49E-08	1.16E-08	4.65E-08	2.72E-08	5.59E-09	3.28E-08
8043	625102.59	4266376.48	1.77E-07	6.10E-08	2.38E-07	1.48E-07	4.57E-08	1.94E-07	3.51E-08	1.17E-08	4.68E-08	2.74E-08	5.63E-09	3.30E-08
8044	625098.63	4266385.59	1.78E-07	6.14E-08	2.40E-07	1.49E-07	4.60E-08	1.95E-07	3.53E-08	1.18E-08	4.71E-08	2.75E-08	5.66E-09	3.32E-08
8045	625094.68	4266394.7	1.79E-07	6.17E-08	2.41E-07	1.50E-07	4.62E-08	1.96E-07	3.55E-08	1.18E-08	4.73E-08	2.77E-08	5.70E-09	3.34E-08
8046	625081.49	4266407.45	1.85E-07	6.37E-08	2.49E-07	1.55E-07	4.77E-08	2.03E-07	3.67E-08	1.22E-08	4.89E-08	2.86E-08	5.88E-09	3.45E-08
8047	625072.25	4266411.08	1.90E-07	6.54E-08	2.56E-07	1.59E-07	4.90E-08	2.08E-07	3.77E-08	1.25E-08	5.02E-08	2.94E-08	6.04E-09	3.54E-08
8048	625063.01	4266414.72	1.95E-07	6.72E-08	2.62E-07	1.63E-07	5.03E-08	2.14E-07	3.87E-08	1.29E-08	5.15E-08	3.01E-08	6.20E-09	3.63E-08
8049	625053.77	4266418.36	2.00E-07	6.89E-08	2.69E-07	1.67E-07	5.16E-08	2.19E-07	3.97E-08	1.32E-08	5.28E-08	3.09E-08	6.36E-09	3.73E-08
8050	625044.53	4266422	2.05E-07	7.06E-08	2.76E-07	1.72E-07	5.29E-08	2.25E-07	4.06E-08	1.35E-08	5.42E-08	3.17E-08	6.52E-09	3.82E-08
8051	625035.29	4266425.64	2.10E-07	7.23E-08	2.83E-07	1.76E-07	5.42E-08	2.30E-07	4.16E-08	1.39E-08	5.55E-08	3.25E-08	6.68E-09	3.91E-08
8052	625026.05	4266429.28	2.15E-07	7.40E-08	2.89E-07	1.80E-07	5.54E-08	2.35E-07	4.26E-08	1.42E-08	5.68E-08	3.32E-08	6.83E-09	4.01E-08
8053	625016.81	4266432.92	2.20E-07	7.57E-08	2.96E-07	1.84E-07	5.67E-08	2.41E-07	4.36E-08	1.45E-08	5.81E-08	3.40E-08	6.99E-09	4.10E-08
8054	625007.57	4266436.56	2.25E-07	7.73E-08	3.02E-07	1.88E-07	5.79E-08	2.46E-07	4.45E-08	1.48E-08	5.93E-08	3.47E-08	7.14E-09	4.18E-08
8055	624998.33	4266440.2	2.30E-07	7.90E-08	3.09E-07	1.92E-07	5.91E-08	2.51E-07	4.54E-08	1.51E-08	6.06E-08	3.54E-08	7.29E-09	4.27E-08
8056	624989.1	4266443.83	2.34E-07	8.05E-08	3.15E-07	1.96E-07	6.03E-08	2.56E-07	4.63E-08	1.54E-08	6.18E-08	3.61E-08	7.43E-09	4.36E-08
8057	624979.86	4266447.47	2.39E-07	8.20E-08	3.21E-07	1.99E-07	6.14E-08	2.61E-07	4.72E-08	1.57E-08	6.29E-08	3.68E-08	7.57E-09	4.44E-08
8058	624970.62	4266451.11	2.43E-07	8.35E-08	3.26E-07	2.03E-07	6.25E-08	2.65E-07	4.80E-08	1.60E-08	6.40E-08	3.75E-08	7.70E-09	4.52E-08
8059	624961.38	4266454.75	2.47E-07	8.48E-08	3.32E-07	2.06E-07	6.35E-08	2.70E-07	4.88E-08	1.63E-08	6.51E-08	3.81E-08	7.83E-09	4.59E-08
8060	624952.14	4266458.39	2.51E-07	8.61E-08	3.37E-07	2.09E-07	6.45E-08	2.74E-07	4.96E-08	1.65E-08	6.61E-08	3.87E-08	7.95E-09	4.66E-08

8061	624942.9	4266462.03	2.54E-07	8.74E-08	3.41E-07	2.12E-07	6.54E-08	2.78E-07	5.03E-08	1.67E-08	6.70E-08	3.92E-08	8.06E-09	4.73E-08
8062	624933.66	4266465.67	2.57E-07	8.85E-08	3.46E-07	2.15E-07	6.62E-08	2.81E-07	5.09E-08	1.70E-08	6.79E-08	3.97E-08	8.17E-09	4.79E-08
8063	624924.42	4266469.31	2.60E-07	8.95E-08	3.50E-07	2.18E-07	6.70E-08	2.85E-07	5.15E-08	1.71E-08	6.87E-08	4.02E-08	8.26E-09	4.84E-08
8064	624915.18	4266472.94	2.63E-07	9.04E-08	3.53E-07	2.20E-07	6.77E-08	2.87E-07	5.20E-08	1.73E-08	6.94E-08	4.06E-08	8.34E-09	4.89E-08
8065	624905.94	4266476.58	2.65E-07	9.12E-08	3.56E-07	2.22E-07	6.83E-08	2.90E-07	5.25E-08	1.75E-08	7.00E-08	4.09E-08	8.42E-09	4.93E-08
8066	624896.7	4266480.22	2.67E-07	9.19E-08	3.59E-07	2.23E-07	6.88E-08	2.92E-07	5.29E-08	1.76E-08	7.05E-08	4.12E-08	8.48E-09	4.97E-08
8067	624887.47	4266483.86	2.69E-07	9.25E-08	3.61E-07	2.25E-07	6.92E-08	2.94E-07	5.32E-08	1.77E-08	7.09E-08	4.15E-08	8.53E-09	5.00E-08
8068	624878.23	4266487.5	2.70E-07	9.29E-08	3.63E-07	2.26E-07	6.96E-08	2.95E-07	5.35E-08	1.78E-08	7.13E-08	4.17E-08	8.57E-09	5.03E-08
8069	624868.99	4266491.14	2.71E-07	9.33E-08	3.64E-07	2.27E-07	6.98E-08	2.96E-07	5.37E-08	1.79E-08	7.15E-08	4.18E-08	8.61E-09	5.05E-08
8070	624859.75	4266494.78	2.72E-07	9.35E-08	3.65E-07	2.27E-07	7.00E-08	2.97E-07	5.38E-08	1.79E-08	7.17E-08	4.20E-08	8.63E-09	5.06E-08
8071	624850.51	4266498.42	2.72E-07	9.36E-08	3.66E-07	2.28E-07	7.01E-08	2.98E-07	5.39E-08	1.79E-08	7.18E-08	4.20E-08	8.64E-09	5.07E-08
8072	625197.64	4266147.94	1.46E-07	5.01E-08	1.96E-07	1.22E-07	3.75E-08	1.59E-07	2.88E-08	9.60E-09	3.84E-08	2.25E-08	4.62E-09	2.71E-08
8073	625197.8	4266138	1.46E-07	5.01E-08	1.96E-07	1.22E-07	3.75E-08	1.59E-07	2.88E-08	9.60E-09	3.84E-08	2.25E-08	4.62E-09	2.71E-08
8074	625197.96	4266128.07	1.46E-07	5.01E-08	1.96E-07	1.22E-07	3.75E-08	1.59E-07	2.88E-08	9.60E-09	3.84E-08	2.25E-08	4.62E-09	2.71E-08
8075	625198.13	4266118.14	1.46E-07	5.01E-08	1.96E-07	1.22E-07	3.75E-08	1.59E-07	2.89E-08	9.61E-09	3.85E-08	2.25E-08	4.63E-09	2.71E-08
8076	625198.29	4266108.2	1.46E-07	5.02E-08	1.96E-07	1.22E-07	3.76E-08	1.60E-07	2.89E-08	9.62E-09	3.85E-08	2.25E-08	4.63E-09	2.72E-08
8077	625198.45	4266098.27	1.46E-07	5.03E-08	1.96E-07	1.22E-07	3.76E-08	1.60E-07	2.89E-08	9.63E-09	3.86E-08	2.26E-08	4.64E-09	2.72E-08
8078	625198.62	4266088.34	1.47E-07	5.04E-08	1.97E-07	1.22E-07	3.77E-08	1.60E-07	2.90E-08	9.65E-09	3.87E-08	2.26E-08	4.65E-09	2.73E-08
8079	625198.78	4266078.4	1.47E-07	5.05E-08	1.97E-07	1.23E-07	3.78E-08	1.61E-07	2.91E-08	9.68E-09	3.88E-08	2.27E-08	4.66E-09	2.73E-08
8080	625198.94	4266068.47	1.47E-07	5.07E-08	1.98E-07	1.23E-07	3.79E-08	1.61E-07	2.92E-08	9.71E-09	3.89E-08	2.27E-08	4.68E-09	2.74E-08
8081	625199.11	4266058.54	1.48E-07	5.08E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.74E-09	3.90E-08	2.28E-08	4.69E-09	2.75E-08
8082	625199.27	4266048.6	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.94E-08	9.78E-09	3.91E-08	2.29E-08	4.71E-09	2.76E-08
8083	625199.44	4266038.67	1.49E-07	5.12E-08	2.00E-07	1.24E-07	3.83E-08	1.63E-07	2.95E-08	9.81E-09	3.93E-08	2.30E-08	4.73E-09	2.77E-08
8084	625199.6	4266028.74	1.50E-07	5.14E-08	2.01E-07	1.25E-07	3.85E-08	1.64E-07	2.96E-08	9.86E-09	3.95E-08	2.31E-08	4.75E-09	2.78E-08
8085	625199.76	4266018.8	1.50E-07	5.17E-08	2.02E-07	1.26E-07	3.87E-08	1.64E-07	2.97E-08	9.90E-09	3.96E-08	2.32E-08	4.77E-09	2.80E-08
8086	625199.93	4266008.87	1.51E-07	5.19E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.95E-09	3.98E-08	2.33E-08	4.79E-09	2.81E-08
8087	625200.09	4265998.94	1.52E-07	5.22E-08	2.04E-07	1.27E-07	3.91E-08	1.66E-07	3.00E-08	1.00E-08	4.00E-08	2.34E-08	4.82E-09	2.82E-08
8088	625200.25	4265989	1.53E-07	5.24E-08	2.05E-07	1.27E-07	3.93E-08	1.67E-07	3.02E-08	1.00E-08	4.02E-08	2.35E-08	4.84E-09	2.84E-08
8089	625200.42	4265979.07	1.53E-07	5.27E-08	2.06E-07	1.28E-07	3.95E-08	1.68E-07	3.03E-08	1.01E-08	4.04E-08	2.37E-08	4.86E-09	2.85E-08
8090	625200.58	4265969.14	1.54E-07	5.30E-08	2.07E-07	1.29E-07	3.97E-08	1.68E-07	3.05E-08	1.02E-08	4.06E-08	2.38E-08	4.89E-09	2.87E-08
8091	625200.74	4265959.2	1.55E-07	5.32E-08	2.08E-07	1.29E-07	3.99E-08	1.69E-07	3.07E-08	1.02E-08	4.09E-08	2.39E-08	4.91E-09	2.88E-08
8092	625200.91	4265949.27	1.56E-07	5.35E-08	2.09E-07	1.30E-07	4.01E-08	1.70E-07	3.08E-08	1.03E-08	4.11E-08	2.40E-08	4.94E-09	2.90E-08
8093	625201.07	4265939.34	1.56E-07	5.38E-08	2.10E-07	1.31E-07	4.03E-08	1.71E-07	3.10E-08	1.03E-08	4.13E-08	2.41E-08	4.97E-09	2.91E-08
8094	625201.23	4265929.4	1.57E-07	5.41E-08	2.11E-07	1.31E-07	4.05E-08	1.72E-07	3.11E-08	1.04E-08	4.15E-08	2.43E-08	4.99E-09	2.93E-08
8095	625201.4	4265919.47	1.58E-07	5.43E-08	2.12E-07	1.32E-07	4.07E-08	1.73E-07	3.13E-08	1.04E-08	4.17E-08	2.44E-08	5.01E-09	2.94E-08
8096	625201.56	4265909.54	1.59E-07	5.45E-08	2.13E-07	1.33E-07	4.08E-08	1.73E-07	3.14E-08	1.05E-08	4.18E-08	2.45E-08	5.03E-09	2.95E-08
8097	625201.72	4265899.6	1.59E-07	5.48E-08	2.14E-07	1.33E-07	4.10E-08	1.74E-07	3.15E-08	1.05E-08	4.20E-08	2.46E-08	5.05E-09	2.96E-08
8098	625201.89	4265889.67	1.60E-07	5.49E-08	2.15E-07	1.34E-07	4.11E-08	1.75E-07	3.16E-08	1.05E-08	4.21E-08	2.47E-08	5.07E-09	2.97E-08
8099	625202.05	4265879.74	1.60E-07	5.51E-08	2.15E-07	1.34E-07	4.13E-08	1.75E-07	3.17E-08	1.06E-08	4.23E-08	2.47E-08	5.09E-09	2.98E-08
8100	625202.22	4265869.8	1.61E-07	5.52E-08	2.16E-07	1.34E-07	4.14E-08	1.76E-07	3.18E-08	1.06E-08	4.24E-08	2.48E-08	5.10E-09	2.99E-08
8101	625202.38	4265859.87	1.61E-07	5.54E-08	2.16E-07	1.35E-07	4.15E-08	1.76E-07	3.19E-08	1.06E-08	4.25E-08	2.48E-08	5.11E-09	3.00E-08
8102	625202.54	4265849.94	1.61E-07	5.55E-08	2.17E-07	1.35E-07	4.15E-08	1.76E-07	3.19E-08	1.06E-08	4.26E-08	2.49E-08	5.12E-09	3.00E-08
8103	625202.71	4265840	1.62E-07	5.55E-08	2.17E-07	1.35E-07	4.16E-08	1.77E-07	3.20E-08	1.06E-08	4.26E-08	2.49E-08	5.13E-09	3.00E-08
8104	625202.87	4265830.07	1.62E-07	5.56E-08	2.17E-07	1.35E-07	4.16E-08	1.77E-07	3.20E-08	1.07E-08	4.27E-08	2.50E-08	5.13E-09	3.01E-08
8105	625203.03	4265820.14	1.62E-07	5.57E-08	2.17E-07	1.35E-07	4.17E-08	1.77E-07	3.20E-08	1.07E-08	4.27E-08	2.50E-08	5.14E-09	3.01E-08
8106	625203.2	4265810.2	1.62E-07	5.57E-08	2.18E-07	1.35E-07	4.17E-08	1.77E-07	3.21E-08	1.07E-08	4.27E-08	2.50E-08	5.14E-09	3.01E-08
8107	625203.36	4265800.27	1.62E-07	5.57E-08	2.18E-07	1.35E-07	4.17E-08	1.77E-07	3.21E-08	1.07E-08	4.28E-08	2.50E-08	5.14E-09	3.01E-08
8108	625203.52	4265790.34	1.62E-07	5.58E-08	2.18E-07	1.36E-07	4.18E-08	1.77E-07	3.21E-08	1.07E-08	4.28E-08	2.50E-08	5.15E-09	3.02E-08
8109	625203.69	4265780.4	1.62E-07	5.58E-08	2.18E-07	1.36E-07	4.18E-08	1.77E-07	3.21E-08	1.07E-08	4.28E-08	2.50E-08	5.15E-09	3.02E-08
8110	625203.85	4265770.47	1.63E-07	5.59E-08	2.18E-07	1.36E-07	4.19E-08	1.78E-07	3.22E-08	1.07E-08	4.29E-08	2.51E-08	5.16E-09	3.02E-08
8111	625204.01	4265760.54	1.63E-07	5.60E-08	2.19E-07	1.36E-07	4.19E-08	1.78E-07	3.22E-08	1.07E-08	4.30E-08	2.51E-08	5.17E-09	3.03E-08
8112	625204.18	4265750.6	1.63E-07	5.61E-08	2.19E-07	1.36E-07	4.20E-08	1.78E-07	3.23E-08	1.08E-08	4.31E-08	2.52E-08	5.18E-09	3.04E-08
8113	625204.34	4265740.67	1.64E-07	5.63E-08	2.20E-07	1.37E-07	4.21E-08	1.79E-07	3.24E-08	1.08E-08	4.32E-08	2.53E-08	5.19E-09	3.04E-08
8114	625204.5	4265730.74	1.64E-07	5.65E-08	2.21E-07	1.37E-07	4.23E-08	1.79E-07	3.25E-08	1.08E-08	4.33E-08	2.53E-08	5.21E-09	3.05E-08
8115	625204.67	4265720.8	1.65E-07	5.66E-08	2.21E-07	1.38E-07	4.24E-08	1.80E-07	3.26E-08	1.09E-08	4.35E-08	2.54E-08	5.23E-09	3.06E-08
8116	625204.83	4265710.87	1.65E-07	5.68E-08	2.22E-07	1.38E-07	4.26E-08	1.81E-07	3.27E-08	1.09E-08	4.36E-08	2.55E-08	5.25E-09	3.08E-08
8117	625205	4265700.94	1.66E-07	5.70E-08	2.23E-07	1.39E-07	4.27E-08	1.81E-07	3.28E-08	1.09E-08	4.37E-08	2.56E-08	5.26E-09	3.08E-08
8118	625205.16	4265691	1.66E-07	5.72E-08	2.24E-07	1.39E-07	4.28E-08	1.82E-07	3.29E-08	1.10E-08	4.39E-08	2.57E-08	5.28E-09	3.09E-08
8119	625205.32	4265681.07	1.67E-07	5.74E-08	2.24E-07	1.39E-07	4.30E-08	1.82E-07	3.30E-08	1.10E-08	4.40E-08	2.57E-08	5.29E-09	3.10E-08
8120	625235.66	4266185.89	1.29E-07	4.44E-08	1.74E-07	1.08E-07	3.32E-08	1.41E-07	2.56E-08	8.51E-09	3.41E-08	1.99E-08	4.10E-09	2.40E-08
8121	625231.72	4266194.96	1.30E-07	4.48E-08	1.75E-07	1.09E-07	3.36E-08	1.43E-07	2.58E-08	8.59E-09	3.44E-08	2.01E-08	4.14E-09	2.43E-08
8122	625227.79	4266204.03	1.32E-07	4.53E-08	1.77E-07	1.10E-07	3.39E-08	1.44E-07	2.61E-08	8.67E-09	3.47E-08	2.03E-08	4.18E-09	2.45E-08
8123	625223.85	4266213.1	1.33E-07	4.57E-08	1.78E-07	1.11E-07	3.42E-08	1.45E-07	2.63E-08	8.75E-09	3.50E-08	2.05E-08	4.21E-09	2.47E-08
8124	625219.92	4266222.16	1.34E-07	4.60E-08	1.80E-07	1.12E-07	3.45E-08	1.46E-07	2.65E-08	8.82E-09	3.53E-08	2.07E-08	4.25E-09	2.49E-08
8125	625215.98	4266231.23	1.35E-07	4.64E-08	1.81E-07	1.13E-07	3.47E-08	1.47E-07	2.67E-08	8.89E-09	3.56E-08	2.08E-08	4.28E-09	2.51E-08
8126	625212.05	4266240.3	1.36E-07	4.67E-08	1.83E-07	1.14E-07	3.50E-08	1.48E-07	2.69E-08	8.95E-09	3.58E-08	2.10E-08	4.31E-09	2.53E-08
8127	625208.11	4266249.36	1.37E-07	4.70E-08	1.84E-07	1.14E-07	3.52E-08	1.49E-07	2.71E-08	9.01E-09	3.61E-08	2.11E-08	4.34E-09	2.54E-08
8128	625204.18	4266258.43	1.38E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.06E-09	3.63E-08	2.12E-08	4.37E-09	2.56E-08
8129	625200.24	4266267.5	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.12E-09	3.65E-08	2.13E-08	4.39E-09	2.57E-08
8130	625196.31	4266276.56	1.39E-07	4.78E-08	1.87E-07	1.16E-07	3.58E-08	1.52E-07	2.75E-08	9.17E-09	3.67E-08	2.15E-08	4.42E-09	2.59E-08
8131	625192.37	4266285.63	1.40E-07	4.81E-08	1.88E-07	1.17E-07	3.60E-08	1.53E-07	2.77E-08	9.22E-09	3.69E-08	2.16E-08	4.44E-09	2.60E-08
8132	625156.95	4266367.23	1.49E-07	5.12E-08	2.00E-07	1.25E-07	3.84E-08	1.63E-07	2.95E-08	9.82E-09	3.93E-08	2.30E-08	4.73E-09	2.77E-08

8133	625153.02	4266376.3	1.50E-07	5.16E-08	2.02E-07	1.25E-07	3.86E-08	1.64E-07	2.97E-08	9.89E-09	3.96E-08	2.32E-08	4.76E-09	2.79E-08
8134	625149.08	4266385.36	1.51E-07	5.20E-08	2.03E-07	1.26E-07	3.89E-08	1.65E-07	2.99E-08	9.96E-09	3.99E-08	2.33E-08	4.80E-09	2.81E-08
8135	625145.15	4266394.43	1.52E-07	5.23E-08	2.05E-07	1.27E-07	3.92E-08	1.66E-07	3.01E-08	1.00E-08	4.02E-08	2.35E-08	4.83E-09	2.83E-08
8136	625141.21	4266403.5	1.53E-07	5.27E-08	2.06E-07	1.28E-07	3.94E-08	1.68E-07	3.03E-08	1.01E-08	4.04E-08	2.36E-08	4.86E-09	2.85E-08
8137	625137.27	4266412.56	1.54E-07	5.30E-08	2.07E-07	1.29E-07	3.97E-08	1.69E-07	3.05E-08	1.02E-08	4.07E-08	2.38E-08	4.89E-09	2.87E-08
8138	625133.34	4266421.63	1.55E-07	5.33E-08	2.08E-07	1.30E-07	3.99E-08	1.70E-07	3.07E-08	1.02E-08	4.09E-08	2.39E-08	4.92E-09	2.88E-08
8139	625129.4	4266430.7	1.56E-07	5.36E-08	2.10E-07	1.30E-07	4.01E-08	1.70E-07	3.09E-08	1.03E-08	4.11E-08	2.41E-08	4.95E-09	2.90E-08
8140	625116.27	4266443.39	1.61E-07	5.52E-08	2.16E-07	1.34E-07	4.14E-08	1.76E-07	3.18E-08	1.06E-08	4.24E-08	2.48E-08	5.10E-09	2.99E-08
8141	625107.08	4266447.01	1.65E-07	5.66E-08	2.21E-07	1.38E-07	4.24E-08	1.80E-07	3.26E-08	1.08E-08	4.34E-08	2.54E-08	5.22E-09	3.06E-08
8142	625097.88	4266450.63	1.69E-07	5.80E-08	2.27E-07	1.41E-07	4.34E-08	1.84E-07	3.34E-08	1.11E-08	4.45E-08	2.60E-08	5.35E-09	3.14E-08
8143	625088.68	4266454.25	1.73E-07	5.94E-08	2.32E-07	1.44E-07	4.44E-08	1.89E-07	3.42E-08	1.14E-08	4.55E-08	2.66E-08	5.48E-09	3.21E-08
8144	625079.49	4266457.87	1.77E-07	6.08E-08	2.37E-07	1.48E-07	4.55E-08	1.93E-07	3.50E-08	1.16E-08	4.66E-08	2.73E-08	5.61E-09	3.29E-08
8145	625070.29	4266461.5	1.81E-07	6.21E-08	2.43E-07	1.51E-07	4.65E-08	1.98E-07	3.58E-08	1.19E-08	4.77E-08	2.79E-08	5.73E-09	3.36E-08
8146	625061.09	4266465.12	1.85E-07	6.35E-08	2.48E-07	1.54E-07	4.75E-08	2.02E-07	3.65E-08	1.22E-08	4.87E-08	2.85E-08	5.86E-09	3.44E-08
8147	625051.9	4266468.74	1.89E-07	6.48E-08	2.53E-07	1.58E-07	4.86E-08	2.06E-07	3.73E-08	1.24E-08	4.97E-08	2.91E-08	5.98E-09	3.51E-08
8148	625042.7	4266472.36	1.92E-07	6.62E-08	2.59E-07	1.61E-07	4.95E-08	2.10E-07	3.81E-08	1.27E-08	5.08E-08	2.97E-08	6.11E-09	3.58E-08
8149	625033.5	4266475.98	1.96E-07	6.75E-08	2.64E-07	1.64E-07	5.05E-08	2.15E-07	3.88E-08	1.29E-08	5.18E-08	3.03E-08	6.23E-09	3.65E-08
8150	625024.31	4266479.61	2.00E-07	6.87E-08	2.69E-07	1.67E-07	5.15E-08	2.19E-07	3.96E-08	1.32E-08	5.27E-08	3.08E-08	6.34E-09	3.72E-08
8151	625015.11	4266483.23	2.04E-07	7.00E-08	2.74E-07	1.70E-07	5.24E-08	2.23E-07	4.03E-08	1.34E-08	5.37E-08	3.14E-08	6.46E-09	3.79E-08
8152	625005.91	4266486.85	2.07E-07	7.12E-08	2.78E-07	1.73E-07	5.33E-08	2.26E-07	4.10E-08	1.36E-08	5.46E-08	3.19E-08	6.57E-09	3.85E-08
8153	624996.72	4266490.47	2.10E-07	7.24E-08	2.83E-07	1.76E-07	5.42E-08	2.30E-07	4.16E-08	1.39E-08	5.55E-08	3.25E-08	6.68E-09	3.91E-08
8154	624987.52	4266494.09	2.14E-07	7.35E-08	2.87E-07	1.79E-07	5.50E-08	2.34E-07	4.23E-08	1.41E-08	5.64E-08	3.30E-08	6.78E-09	3.97E-08
8155	624978.32	4266497.72	2.17E-07	7.45E-08	2.91E-07	1.81E-07	5.58E-08	2.37E-07	4.29E-08	1.43E-08	5.72E-08	3.34E-08	6.88E-09	4.03E-08
8156	624969.13	4266501.34	2.20E-07	7.55E-08	2.95E-07	1.84E-07	5.65E-08	2.40E-07	4.35E-08	1.45E-08	5.79E-08	3.39E-08	6.97E-09	4.09E-08
8157	624959.93	4266504.96	2.22E-07	7.65E-08	2.99E-07	1.86E-07	5.72E-08	2.43E-07	4.40E-08	1.46E-08	5.87E-08	3.43E-08	7.06E-09	4.14E-08
8158	624950.74	4266508.58	2.25E-07	7.73E-08	3.02E-07	1.88E-07	5.79E-08	2.46E-07	4.45E-08	1.48E-08	5.93E-08	3.47E-08	7.14E-09	4.18E-08
8159	624941.54	4266512.2	2.27E-07	7.81E-08	3.05E-07	1.90E-07	5.85E-08	2.48E-07	4.50E-08	1.50E-08	5.99E-08	3.50E-08	7.21E-09	4.23E-08
8160	624932.34	4266515.83	2.29E-07	7.88E-08	3.08E-07	1.92E-07	5.90E-08	2.51E-07	4.54E-08	1.51E-08	6.05E-08	3.54E-08	7.27E-09	4.26E-08
8161	624923.15	4266519.45	2.31E-07	7.94E-08	3.10E-07	1.93E-07	5.95E-08	2.52E-07	4.57E-08	1.52E-08	6.09E-08	3.56E-08	7.33E-09	4.30E-08
8162	624913.95	4266523.07	2.32E-07	7.99E-08	3.12E-07	1.94E-07	5.99E-08	2.54E-07	4.60E-08	1.53E-08	6.13E-08	3.59E-08	7.38E-09	4.32E-08
8163	624904.75	4266526.69	2.34E-07	8.04E-08	3.14E-07	1.95E-07	6.02E-08	2.56E-07	4.63E-08	1.54E-08	6.17E-08	3.61E-08	7.42E-09	4.35E-08
8164	624895.56	4266530.31	2.35E-07	8.07E-08	3.16E-07	1.96E-07	6.05E-08	2.57E-07	4.65E-08	1.55E-08	6.19E-08	3.62E-08	7.45E-09	4.37E-08
8165	624886.36	4266533.94	2.36E-07	8.10E-08	3.17E-07	1.97E-07	6.07E-08	2.58E-07	4.66E-08	1.55E-08	6.22E-08	3.64E-08	7.48E-09	4.38E-08
8166	624877.16	4266537.56	2.36E-07	8.12E-08	3.17E-07	1.97E-07	6.08E-08	2.58E-07	4.68E-08	1.56E-08	6.23E-08	3.64E-08	7.50E-09	4.39E-08
8167	624867.97	4266541.18	2.37E-07	8.13E-08	3.18E-07	1.98E-07	6.09E-08	2.59E-07	4.68E-08	1.56E-08	6.24E-08	3.65E-08	7.51E-09	4.40E-08
8168	624858.77	4266544.8	2.37E-07	8.14E-08	3.18E-07	1.98E-07	6.09E-08	2.59E-07	4.69E-08	1.56E-08	6.24E-08	3.65E-08	7.51E-09	4.40E-08
8169	624849.57	4266548.42	2.37E-07	8.14E-08	3.18E-07	1.98E-07	6.09E-08	2.59E-07	4.68E-08	1.56E-08	6.24E-08	3.65E-08	7.51E-09	4.40E-08
8170	625247.63	4266148.76	1.25E-07	4.31E-08	1.68E-07	1.05E-07	3.23E-08	1.37E-07	2.48E-08	8.25E-09	3.30E-08	1.93E-08	3.98E-09	2.33E-08
8171	625247.79	4266138.83	1.25E-07	4.31E-08	1.68E-07	1.05E-07	3.23E-08	1.37E-07	2.48E-08	8.26E-09	3.31E-08	1.93E-08	3.98E-09	2.33E-08
8172	625247.96	4266128.89	1.25E-07	4.31E-08	1.69E-07	1.05E-07	3.23E-08	1.37E-07	2.48E-08	8.26E-09	3.31E-08	1.93E-08	3.98E-09	2.33E-08
8173	625248.12	4266118.96	1.25E-07	4.31E-08	1.69E-07	1.05E-07	3.23E-08	1.37E-07	2.48E-08	8.27E-09	3.31E-08	1.94E-08	3.98E-09	2.33E-08
8174	625248.28	4266109.03	1.26E-07	4.32E-08	1.69E-07	1.05E-07	3.23E-08	1.37E-07	2.49E-08	8.27E-09	3.31E-08	1.94E-08	3.99E-09	2.34E-08
8175	625248.45	4266099.09	1.26E-07	4.32E-08	1.69E-07	1.05E-07	3.24E-08	1.37E-07	2.49E-08	8.28E-09	3.32E-08	1.94E-08	3.99E-09	2.34E-08
8176	625248.61	4266089.16	1.26E-07	4.33E-08	1.69E-07	1.05E-07	3.24E-08	1.38E-07	2.49E-08	8.30E-09	3.32E-08	1.94E-08	4.00E-09	2.34E-08
8177	625248.77	4266079.23	1.26E-07	4.34E-08	1.70E-07	1.05E-07	3.25E-08	1.38E-07	2.50E-08	8.31E-09	3.33E-08	1.95E-08	4.00E-09	2.35E-08
8178	625248.94	4266069.29	1.27E-07	4.35E-08	1.70E-07	1.06E-07	3.26E-08	1.38E-07	2.50E-08	8.34E-09	3.34E-08	1.95E-08	4.01E-09	2.35E-08
8179	625249.1	4266059.36	1.27E-07	4.36E-08	1.71E-07	1.06E-07	3.27E-08	1.39E-07	2.51E-08	8.36E-09	3.35E-08	1.96E-08	4.03E-09	2.36E-08
8180	625249.26	4266049.43	1.27E-07	4.38E-08	1.71E-07	1.06E-07	3.28E-08	1.39E-07	2.52E-08	8.39E-09	3.36E-08	1.96E-08	4.04E-09	2.37E-08
8181	625249.43	4266039.49	1.28E-07	4.40E-08	1.72E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.42E-09	3.37E-08	1.97E-08	4.06E-09	2.38E-08
8182	625249.59	4266029.56	1.28E-07	4.42E-08	1.73E-07	1.07E-07	3.31E-08	1.40E-07	2.54E-08	8.46E-09	3.39E-08	1.98E-08	4.07E-09	2.39E-08
8183	625249.76	4266019.63	1.29E-07	4.44E-08	1.73E-07	1.08E-07	3.32E-08	1.41E-07	2.55E-08	8.50E-09	3.40E-08	1.99E-08	4.09E-09	2.40E-08
8184	625249.92	4266009.69	1.30E-07	4.46E-08	1.74E-07	1.08E-07	3.34E-08	1.42E-07	2.57E-08	8.54E-09	3.42E-08	2.00E-08	4.11E-09	2.41E-08
8185	625250.08	4265999.76	1.30E-07	4.48E-08	1.75E-07	1.09E-07	3.35E-08	1.42E-07	2.58E-08	8.58E-09	3.44E-08	2.01E-08	4.13E-09	2.42E-08
8186	625250.25	4265989.83	1.31E-07	4.50E-08	1.76E-07	1.09E-07	3.37E-08	1.43E-07	2.59E-08	8.62E-09	3.45E-08	2.02E-08	4.15E-09	2.43E-08
8187	625250.41	4265979.89	1.31E-07	4.52E-08	1.77E-07	1.10E-07	3.38E-08	1.44E-07	2.60E-08	8.66E-09	3.47E-08	2.03E-08	4.17E-09	2.45E-08
8188	625250.57	4265969.96	1.32E-07	4.54E-08	1.77E-07	1.10E-07	3.40E-08	1.44E-07	2.61E-08	8.70E-09	3.48E-08	2.04E-08	4.19E-09	2.46E-08
8189	625250.74	4265960.03	1.33E-07	4.56E-08	1.78E-07	1.11E-07	3.42E-08	1.45E-07	2.63E-08	8.74E-09	3.50E-08	2.05E-08	4.21E-09	2.47E-08
8190	625250.9	4265950.09	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.78E-09	3.51E-08	2.06E-08	4.23E-09	2.48E-08
8191	625251.06	4265940.16	1.34E-07	4.60E-08	1.80E-07	1.12E-07	3.44E-08	1.46E-07	2.65E-08	8.82E-09	3.53E-08	2.06E-08	4.25E-09	2.49E-08
8192	625251.23	4265930.23	1.34E-07	4.62E-08	1.81E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.85E-09	3.54E-08	2.07E-08	4.26E-09	2.50E-08
8193	625251.39	4265920.29	1.35E-07	4.64E-08	1.81E-07	1.13E-07	3.47E-08	1.47E-07	2.67E-08	8.88E-09	3.56E-08	2.08E-08	4.28E-09	2.51E-08
8194	625251.55	4265910.36	1.35E-07	4.65E-08	1.82E-07	1.13E-07	3.48E-08	1.48E-07	2.68E-08	8.91E-09	3.57E-08	2.09E-08	4.29E-09	2.52E-08
8195	625251.72	4265900.43	1.36E-07	4.67E-08	1.82E-07	1.13E-07	3.49E-08	1.48E-07	2.69E-08	8.94E-09	3.58E-08	2.09E-08	4.31E-09	2.52E-08
8196	625251.88	4265890.49	1.36E-07	4.68E-08	1.83E-07	1.14E-07	3.50E-08	1.49E-07	2.69E-08	8.97E-09	3.59E-08	2.10E-08	4.32E-09	2.53E-08
8197	625252.04	4265880.56	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.99E-09	3.60E-08	2.10E-08	4.33E-09	2.54E-08
8198	625252.21	4265870.63	1.37E-07	4.70E-08	1.84E-07	1.14E-07	3.52E-08	1.49E-07	2.71E-08	9.01E-09	3.61E-08	2.11E-08	4.34E-09	2.54E-08
8199	625252.37	4265860.69	1.37E-07	4.71E-08	1.84E-07	1.14E-07	3.52E-08	1.50E-07	2.71E-08	9.02E-09	3.61E-08	2.11E-08	4.34E-09	2.55E-08
8200	625252.54	4265850.76	1.37E-07	4.71E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.03E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
8201	625252.7	4265840.83	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.72E-08	9.04E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
8202	625252.86	4265830.89	1.37E-07	4.72E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.05E-09	3.62E-08	2.12E-08	4.36E-09	2.56E-08
8203	625253.03	4265820.96	1.38E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.06E-09	3.63E-08	2.12E-08	4.36E-09	2.56E-08
8204	625253.19	4265811.03	1.38E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.51E-07	2.73E-08	9.07E-09	3.63E-08	2.12E-08	4.37E-09	2.56E-08

8205	625253.35	4265801.09	1.38E-07	4.74E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.08E-09	3.64E-08	2.13E-08	4.37E-09	2.56E-08
8206	625253.52	4265791.16	1.38E-07	4.75E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.09E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
8207	625253.68	4265781.23	1.38E-07	4.75E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.10E-09	3.65E-08	2.13E-08	4.39E-09	2.57E-08
8208	625253.84	4265771.29	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.12E-09	3.65E-08	2.14E-08	4.39E-09	2.58E-08
8209	625254.01	4265761.36	1.39E-07	4.77E-08	1.86E-07	1.16E-07	3.57E-08	1.52E-07	2.75E-08	9.14E-09	3.66E-08	2.14E-08	4.40E-09	2.58E-08
8210	625254.17	4265751.43	1.39E-07	4.79E-08	1.87E-07	1.16E-07	3.58E-08	1.52E-07	2.75E-08	9.17E-09	3.67E-08	2.15E-08	4.42E-09	2.59E-08
8211	625254.33	4265741.49	1.40E-07	4.80E-08	1.88E-07	1.17E-07	3.59E-08	1.53E-07	2.76E-08	9.20E-09	3.68E-08	2.15E-08	4.43E-09	2.60E-08
8212	625254.5	4265731.56	1.40E-07	4.82E-08	1.88E-07	1.17E-07	3.61E-08	1.53E-07	2.77E-08	9.23E-09	3.70E-08	2.16E-08	4.45E-09	2.61E-08
8213	625254.66	4265721.63	1.41E-07	4.84E-08	1.89E-07	1.18E-07	3.62E-08	1.54E-07	2.78E-08	9.27E-09	3.71E-08	2.17E-08	4.46E-09	2.62E-08
8214	625254.83	4265711.69	1.41E-07	4.86E-08	1.90E-07	1.18E-07	3.64E-08	1.54E-07	2.80E-08	9.31E-09	3.73E-08	2.18E-08	4.48E-09	2.63E-08
8215	625254.99	4265701.76	1.42E-07	4.88E-08	1.91E-07	1.19E-07	3.65E-08	1.55E-07	2.81E-08	9.35E-09	3.74E-08	2.19E-08	4.50E-09	2.64E-08
8216	625255.15	4265691.83	1.42E-07	4.90E-08	1.91E-07	1.19E-07	3.67E-08	1.56E-07	2.82E-08	9.38E-09	3.76E-08	2.20E-08	4.52E-09	2.65E-08
8217	625255.32	4265681.89	1.43E-07	4.92E-08	1.92E-07	1.19E-07	3.68E-08	1.56E-07	2.83E-08	9.42E-09	3.77E-08	2.21E-08	4.54E-09	2.66E-08
8218	625285.69	4266186.62	1.13E-07	3.87E-08	1.51E-07	9.41E-08	2.90E-08	1.23E-07	2.23E-08	7.42E-09	2.97E-08	1.74E-08	3.57E-09	2.09E-08
8219	625281.77	4266195.66	1.14E-07	3.90E-08	1.53E-07	9.49E-08	2.92E-08	1.24E-07	2.25E-08	7.48E-09	2.99E-08	1.75E-08	3.60E-09	2.11E-08
8220	625277.85	4266204.69	1.14E-07	3.94E-08	1.54E-07	9.57E-08	2.95E-08	1.25E-07	2.27E-08	7.54E-09	3.02E-08	1.77E-08	3.63E-09	2.13E-08
8221	625273.93	4266213.72	1.15E-07	3.97E-08	1.55E-07	9.64E-08	2.97E-08	1.26E-07	2.28E-08	7.60E-09	3.04E-08	1.78E-08	3.66E-09	2.15E-08
8222	625270.01	4266222.76	1.16E-07	3.99E-08	1.56E-07	9.71E-08	2.99E-08	1.27E-07	2.30E-08	7.65E-09	3.06E-08	1.79E-08	3.69E-09	2.16E-08
8223	625266.09	4266231.79	1.17E-07	4.02E-08	1.57E-07	9.77E-08	3.01E-08	1.28E-07	2.31E-08	7.70E-09	3.08E-08	1.80E-08	3.71E-09	2.18E-08
8224	625262.17	4266240.83	1.18E-07	4.05E-08	1.58E-07	9.83E-08	3.03E-08	1.29E-07	2.33E-08	7.75E-09	3.10E-08	1.82E-08	3.73E-09	2.19E-08
8225	625258.25	4266249.86	1.18E-07	4.07E-08	1.59E-07	9.89E-08	3.05E-08	1.29E-07	2.34E-08	7.79E-09	3.12E-08	1.83E-08	3.75E-09	2.20E-08
8226	625254.32	4266258.9	1.19E-07	4.09E-08	1.60E-07	9.94E-08	3.06E-08	1.30E-07	2.35E-08	7.84E-09	3.14E-08	1.83E-08	3.77E-09	2.21E-08
8227	625250.4	4266267.93	1.19E-07	4.11E-08	1.61E-07	9.99E-08	3.08E-08	1.31E-07	2.36E-08	7.87E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
8228	625246.48	4266276.96	1.20E-07	4.13E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.38E-08	7.91E-09	3.17E-08	1.85E-08	3.81E-09	2.23E-08
8229	625242.56	4266286	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.39E-08	7.94E-09	3.18E-08	1.86E-08	3.83E-09	2.24E-08
8230	625207.27	4266367.31	1.27E-07	4.38E-08	1.71E-07	1.07E-07	3.28E-08	1.39E-07	2.52E-08	8.40E-09	3.36E-08	1.97E-08	4.05E-09	2.37E-08
8231	625203.35	4266376.34	1.28E-07	4.42E-08	1.73E-07	1.07E-07	3.31E-08	1.40E-07	2.54E-08	8.46E-09	3.39E-08	1.98E-08	4.07E-09	2.39E-08
8232	625199.43	4266385.38	1.29E-07	4.45E-08	1.74E-07	1.08E-07	3.33E-08	1.41E-07	2.56E-08	8.52E-09	3.41E-08	2.00E-08	4.10E-09	2.41E-08
8233	625195.5	4266394.41	1.30E-07	4.48E-08	1.75E-07	1.09E-07	3.35E-08	1.42E-07	2.58E-08	8.58E-09	3.44E-08	2.01E-08	4.13E-09	2.42E-08
8234	625191.58	4266403.45	1.31E-07	4.51E-08	1.76E-07	1.10E-07	3.38E-08	1.43E-07	2.60E-08	8.65E-09	3.46E-08	2.02E-08	4.16E-09	2.44E-08
8235	625187.66	4266412.48	1.32E-07	4.54E-08	1.78E-07	1.10E-07	3.40E-08	1.44E-07	2.62E-08	8.71E-09	3.49E-08	2.04E-08	4.19E-09	2.46E-08
8236	625183.74	4266421.51	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.45E-07	2.63E-08	8.77E-09	3.51E-08	2.05E-08	4.22E-09	2.48E-08
8237	625179.82	4266430.55	1.34E-07	4.61E-08	1.80E-07	1.12E-07	3.45E-08	1.46E-07	2.65E-08	8.83E-09	3.53E-08	2.07E-08	4.25E-09	2.49E-08
8238	625175.9	4266439.58	1.35E-07	4.64E-08	1.81E-07	1.13E-07	3.47E-08	1.47E-07	2.67E-08	8.88E-09	3.56E-08	2.08E-08	4.28E-09	2.51E-08
8239	625171.98	4266448.62	1.36E-07	4.66E-08	1.82E-07	1.13E-07	3.49E-08	1.48E-07	2.68E-08	8.93E-09	3.58E-08	2.09E-08	4.30E-09	2.52E-08
8240	625168.05	4266457.65	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.99E-09	3.60E-08	2.10E-08	4.33E-09	2.54E-08
8241	625164.13	4266466.69	1.37E-07	4.71E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.71E-08	9.03E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
8242	625151.05	4266479.33	1.41E-07	4.85E-08	1.89E-07	1.18E-07	3.63E-08	1.54E-07	2.79E-08	9.29E-09	3.72E-08	2.17E-08	4.47E-09	2.62E-08
8243	625141.88	4266482.94	1.44E-07	4.96E-08	1.94E-07	1.21E-07	3.71E-08	1.58E-07	2.85E-08	9.50E-09	3.80E-08	2.22E-08	4.58E-09	2.68E-08
8244	625132.72	4266486.55	1.47E-07	5.07E-08	1.98E-07	1.23E-07	3.80E-08	1.61E-07	2.92E-08	9.72E-09	3.89E-08	2.28E-08	4.68E-09	2.74E-08
8245	625123.56	4266490.16	1.51E-07	5.18E-08	2.03E-07	1.26E-07	3.88E-08	1.65E-07	2.98E-08	9.93E-09	3.98E-08	2.33E-08	4.78E-09	2.80E-08
8246	625114.39	4266493.77	1.54E-07	5.30E-08	2.07E-07	1.29E-07	3.97E-08	1.68E-07	3.05E-08	1.01E-08	4.06E-08	2.38E-08	4.89E-09	2.87E-08
8247	625105.23	4266497.38	1.57E-07	5.41E-08	2.11E-07	1.31E-07	4.05E-08	1.72E-07	3.11E-08	1.04E-08	4.15E-08	2.43E-08	4.99E-09	2.93E-08
8248	625096.07	4266500.98	1.61E-07	5.52E-08	2.16E-07	1.34E-07	4.13E-08	1.76E-07	3.18E-08	1.06E-08	4.24E-08	2.48E-08	5.10E-09	2.99E-08
8249	625086.9	4266504.59	1.64E-07	5.63E-08	2.20E-07	1.37E-07	4.22E-08	1.79E-07	3.24E-08	1.08E-08	4.32E-08	2.53E-08	5.20E-09	3.05E-08
8250	625077.74	4266508.2	1.67E-07	5.74E-08	2.24E-07	1.40E-07	4.30E-08	1.83E-07	3.30E-08	1.10E-08	4.40E-08	2.58E-08	5.30E-09	3.11E-08
8251	625068.58	4266511.81	1.70E-07	5.85E-08	2.29E-07	1.42E-07	4.38E-08	1.86E-07	3.37E-08	1.12E-08	4.49E-08	2.62E-08	5.40E-09	3.16E-08
8252	625059.41	4266515.42	1.73E-07	5.95E-08	2.33E-07	1.45E-07	4.46E-08	1.89E-07	3.43E-08	1.14E-08	4.57E-08	2.67E-08	5.49E-09	3.22E-08
8253	625050.25	4266519.03	1.76E-07	6.06E-08	2.37E-07	1.47E-07	4.53E-08	1.93E-07	3.49E-08	1.16E-08	4.65E-08	2.72E-08	5.59E-09	3.28E-08
8254	625041.08	4266522.64	1.79E-07	6.16E-08	2.41E-07	1.50E-07	4.61E-08	1.96E-07	3.54E-08	1.18E-08	4.72E-08	2.76E-08	5.68E-09	3.33E-08
8255	625031.92	4266526.25	1.82E-07	6.25E-08	2.44E-07	1.52E-07	4.68E-08	1.99E-07	3.60E-08	1.20E-08	4.80E-08	2.81E-08	5.77E-09	3.38E-08
8256	625022.76	4266529.86	1.85E-07	6.35E-08	2.48E-07	1.54E-07	4.75E-08	2.02E-07	3.65E-08	1.22E-08	4.87E-08	2.85E-08	5.86E-09	3.43E-08
8257	625013.59	4266533.47	1.87E-07	6.44E-08	2.52E-07	1.57E-07	4.82E-08	2.05E-07	3.71E-08	1.23E-08	4.94E-08	2.89E-08	5.94E-09	3.48E-08
8258	625004.43	4266537.08	1.90E-07	6.53E-08	2.55E-07	1.59E-07	4.89E-08	2.07E-07	3.76E-08	1.25E-08	5.01E-08	2.93E-08	6.02E-09	3.53E-08
8259	624995.27	4266540.68	1.92E-07	6.61E-08	2.58E-07	1.61E-07	4.95E-08	2.10E-07	3.80E-08	1.27E-08	5.07E-08	2.97E-08	6.10E-09	3.58E-08
8260	624986.1	4266544.29	1.94E-07	6.69E-08	2.61E-07	1.63E-07	5.01E-08	2.13E-07	3.85E-08	1.28E-08	5.13E-08	3.00E-08	6.17E-09	3.62E-08
8261	624976.94	4266547.9	1.97E-07	6.76E-08	2.64E-07	1.64E-07	5.06E-08	2.15E-07	3.89E-08	1.29E-08	5.19E-08	3.03E-08	6.24E-09	3.66E-08
8262	624967.78	4266551.51	1.98E-07	6.83E-08	2.67E-07	1.66E-07	5.11E-08	2.17E-07	3.93E-08	1.31E-08	5.24E-08	3.06E-08	6.30E-09	3.69E-08
8263	624958.61	4266555.12	2.00E-07	6.89E-08	2.69E-07	1.67E-07	5.16E-08	2.19E-07	3.96E-08	1.32E-08	5.28E-08	3.09E-08	6.36E-09	3.73E-08
8264	624949.45	4266558.73	2.02E-07	6.94E-08	2.71E-07	1.69E-07	5.20E-08	2.21E-07	4.00E-08	1.33E-08	5.33E-08	3.11E-08	6.41E-09	3.76E-08
8265	624940.28	4266562.34	2.03E-07	6.99E-08	2.73E-07	1.70E-07	5.23E-08	2.22E-07	4.02E-08	1.34E-08	5.36E-08	3.14E-08	6.45E-09	3.78E-08
8266	624931.12	4266565.95	2.04E-07	7.03E-08	2.75E-07	1.71E-07	5.26E-08	2.24E-07	4.05E-08	1.35E-08	5.39E-08	3.16E-08	6.49E-09	3.80E-08
8267	624921.96	4266569.56	2.06E-07	7.07E-08	2.76E-07	1.72E-07	5.29E-08	2.25E-07	4.07E-08	1.35E-08	5.42E-08	3.17E-08	6.52E-09	3.82E-08
8268	624912.79	4266573.17	2.06E-07	7.10E-08	2.77E-07	1.72E-07	5.31E-08	2.26E-07	4.08E-08	1.36E-08	5.44E-08	3.18E-08	6.55E-09	3.84E-08
8269	624903.63	4266576.77	2.07E-07	7.12E-08	2.78E-07	1.73E-07	5.33E-08	2.26E-07	4.10E-08	1.36E-08	5.46E-08	3.19E-08	6.57E-09	3.85E-08
8270	624894.47	4266580.38	2.07E-07	7.13E-08	2.79E-07	1.73E-07	5.34E-08	2.27E-07	4.11E-08	1.37E-08	5.47E-08	3.20E-08	6.58E-09	3.86E-08
8271	624885.3	4266583.99	2.08E-07	7.14E-08	2.79E-07	1.74E-07	5.35E-08	2.27E-07	4.11E-08	1.37E-08	5.48E-08	3.21E-08	6.59E-09	3.87E-08
8272	624876.14	4266587.6	2.08E-07	7.15E-08	2.79E-07	1.74E-07	5.35E-08	2.27E-07	4.11E-08	1.37E-08	5.48E-08	3.21E-08	6.60E-09	3.87E-08
8273	624866.98	4266591.21	2.08E-07	7.15E-08	2.79E-07	1.74E-07	5.35E-08	2.27E-07	4.11E-08	1.37E-08	5.48E-08	3.21E-08	6.60E-09	3.87E-08
8274	624857.81	4266594.82	2.08E-07	7.14E-08	2.79E-07	1.74E-07	5.35E-08	2.27E-07	4.11E-08	1.37E-08	5.48E-08	3.20E-08	6.59E-09	3.86E-08
8275	624848.65	4266598.43	2.07E-07	7.13E-08	2.79E-07	1.73E-07	5.34E-08	2.27E-07	4.10E-08	1.37E-08	5.47E-08	3.20E-08	6.58E-09	3.86E-08
8276	625297.62	4266149.58	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.82E-08	1.20E-07	2.17E-08	7.22E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08

8277	625297.79	4266139.65	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.82E-08	1.20E-07	2.17E-08	7.22E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
8278	625297.95	4266129.72	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.82E-08	1.20E-07	2.17E-08	7.23E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
8279	625298.11	4266119.78	1.10E-07	3.77E-08	1.47E-07	9.17E-08	2.82E-08	1.20E-07	2.17E-08	7.23E-09	2.89E-08	1.69E-08	3.48E-09	2.04E-08
8280	625298.28	4266109.85	1.10E-07	3.78E-08	1.48E-07	9.18E-08	2.83E-08	1.20E-07	2.17E-08	7.23E-09	2.90E-08	1.69E-08	3.48E-09	2.04E-08
8281	625298.44	4266099.92	1.10E-07	3.78E-08	1.48E-07	9.19E-08	2.83E-08	1.20E-07	2.18E-08	7.24E-09	2.90E-08	1.70E-08	3.49E-09	2.04E-08
8282	625298.6	4266089.98	1.10E-07	3.79E-08	1.48E-07	9.20E-08	2.83E-08	1.20E-07	2.18E-08	7.25E-09	2.90E-08	1.70E-08	3.49E-09	2.05E-08
8283	625298.77	4266080.05	1.10E-07	3.79E-08	1.48E-07	9.22E-08	2.84E-08	1.21E-07	2.18E-08	7.27E-09	2.91E-08	1.70E-08	3.50E-09	2.05E-08
8284	625298.93	4266070.12	1.11E-07	3.80E-08	1.49E-07	9.25E-08	2.85E-08	1.21E-07	2.19E-08	7.29E-09	2.92E-08	1.71E-08	3.51E-09	2.06E-08
8285	625299.09	4266060.18	1.11E-07	3.82E-08	1.49E-07	9.27E-08	2.86E-08	1.21E-07	2.20E-08	7.31E-09	2.93E-08	1.71E-08	3.52E-09	2.06E-08
8286	625299.26	4266050.25	1.11E-07	3.83E-08	1.50E-07	9.30E-08	2.87E-08	1.22E-07	2.20E-08	7.33E-09	2.94E-08	1.72E-08	3.53E-09	2.07E-08
8287	625299.42	4266040.32	1.12E-07	3.84E-08	1.50E-07	9.34E-08	2.88E-08	1.22E-07	2.21E-08	7.36E-09	2.95E-08	1.72E-08	3.54E-09	2.08E-08
8288	625299.59	4266030.38	1.12E-07	3.85E-08	1.51E-07	9.37E-08	2.89E-08	1.23E-07	2.22E-08	7.39E-09	2.96E-08	1.73E-08	3.56E-09	2.09E-08
8289	625299.75	4266020.45	1.13E-07	3.87E-08	1.51E-07	9.41E-08	2.90E-08	1.23E-07	2.23E-08	7.41E-09	2.97E-08	1.74E-08	3.57E-09	2.09E-08
8290	625299.91	4266010.52	1.13E-07	3.88E-08	1.52E-07	9.44E-08	2.91E-08	1.24E-07	2.24E-08	7.44E-09	2.98E-08	1.74E-08	3.59E-09	2.10E-08
8291	625300.08	4266000.58	1.13E-07	3.90E-08	1.52E-07	9.48E-08	2.92E-08	1.24E-07	2.25E-08	7.47E-09	2.99E-08	1.75E-08	3.60E-09	2.11E-08
8292	625300.24	4265990.65	1.14E-07	3.92E-08	1.53E-07	9.52E-08	2.93E-08	1.25E-07	2.25E-08	7.50E-09	3.00E-08	1.76E-08	3.61E-09	2.12E-08
8293	625300.4	4265980.72	1.14E-07	3.93E-08	1.54E-07	9.56E-08	2.94E-08	1.25E-07	2.26E-08	7.54E-09	3.02E-08	1.76E-08	3.63E-09	2.13E-08
8294	625300.57	4265970.78	1.15E-07	3.95E-08	1.54E-07	9.60E-08	2.96E-08	1.26E-07	2.27E-08	7.57E-09	3.03E-08	1.77E-08	3.64E-09	2.14E-08
8295	625300.73	4265960.85	1.15E-07	3.96E-08	1.55E-07	9.63E-08	2.97E-08	1.26E-07	2.28E-08	7.59E-09	3.04E-08	1.78E-08	3.66E-09	2.14E-08
8296	625300.89	4265950.92	1.16E-07	3.98E-08	1.56E-07	9.67E-08	2.98E-08	1.27E-07	2.29E-08	7.62E-09	3.05E-08	1.79E-08	3.67E-09	2.15E-08
8297	625301.06	4265940.98	1.16E-07	3.99E-08	1.56E-07	9.71E-08	2.99E-08	1.27E-07	2.30E-08	7.65E-09	3.06E-08	1.79E-08	3.69E-09	2.16E-08
8298	625301.22	4265931.05	1.17E-07	4.01E-08	1.57E-07	9.74E-08	3.00E-08	1.27E-07	2.31E-08	7.68E-09	3.08E-08	1.80E-08	3.70E-09	2.17E-08
8299	625301.38	4265921.12	1.17E-07	4.02E-08	1.57E-07	9.77E-08	3.01E-08	1.28E-07	2.31E-08	7.70E-09	3.09E-08	1.80E-08	3.71E-09	2.18E-08
8300	625301.55	4265911.18	1.17E-07	4.03E-08	1.58E-07	9.80E-08	3.02E-08	1.28E-07	2.32E-08	7.72E-09	3.09E-08	1.81E-08	3.72E-09	2.18E-08
8301	625301.71	4265901.25	1.18E-07	4.04E-08	1.58E-07	9.82E-08	3.03E-08	1.28E-07	2.33E-08	7.74E-09	3.10E-08	1.81E-08	3.73E-09	2.19E-08
8302	625301.87	4265891.32	1.18E-07	4.05E-08	1.58E-07	9.84E-08	3.03E-08	1.29E-07	2.33E-08	7.76E-09	3.11E-08	1.82E-08	3.74E-09	2.19E-08
8303	625302.04	4265881.38	1.18E-07	4.06E-08	1.59E-07	9.86E-08	3.04E-08	1.29E-07	2.34E-08	7.77E-09	3.11E-08	1.82E-08	3.74E-09	2.19E-08
8304	625302.2	4265871.45	1.18E-07	4.06E-08	1.59E-07	9.88E-08	3.04E-08	1.29E-07	2.34E-08	7.78E-09	3.12E-08	1.82E-08	3.75E-09	2.20E-08
8305	625302.37	4265861.52	1.18E-07	4.07E-08	1.59E-07	9.89E-08	3.05E-08	1.29E-07	2.34E-08	7.79E-09	3.12E-08	1.82E-08	3.75E-09	2.20E-08
8306	625302.53	4265851.58	1.18E-07	4.07E-08	1.59E-07	9.89E-08	3.05E-08	1.29E-07	2.34E-08	7.80E-09	3.12E-08	1.83E-08	3.76E-09	2.20E-08
8307	625302.69	4265841.65	1.18E-07	4.07E-08	1.59E-07	9.90E-08	3.05E-08	1.29E-07	2.34E-08	7.80E-09	3.12E-08	1.83E-08	3.76E-09	2.20E-08
8308	625302.86	4265831.72	1.18E-07	4.07E-08	1.59E-07	9.90E-08	3.05E-08	1.30E-07	2.35E-08	7.81E-09	3.13E-08	1.83E-08	3.76E-09	2.20E-08
8309	625303.02	4265821.78	1.19E-07	4.08E-08	1.59E-07	9.91E-08	3.05E-08	1.30E-07	2.35E-08	7.81E-09	3.13E-08	1.83E-08	3.76E-09	2.21E-08
8310	625303.18	4265811.85	1.19E-07	4.08E-08	1.59E-07	9.92E-08	3.05E-08	1.30E-07	2.35E-08	7.82E-09	3.13E-08	1.83E-08	3.76E-09	2.21E-08
8311	625303.35	4265801.92	1.19E-07	4.08E-08	1.60E-07	9.93E-08	3.06E-08	1.30E-07	2.35E-08	7.82E-09	3.13E-08	1.83E-08	3.77E-09	2.21E-08
8312	625303.51	4265791.98	1.19E-07	4.09E-08	1.60E-07	9.94E-08	3.06E-08	1.30E-07	2.35E-08	7.83E-09	3.14E-08	1.83E-08	3.77E-09	2.21E-08
8313	625303.67	4265782.05	1.19E-07	4.10E-08	1.60E-07	9.96E-08	3.07E-08	1.30E-07	2.36E-08	7.85E-09	3.14E-08	1.84E-08	3.78E-09	2.22E-08
8314	625303.84	4265772.12	1.19E-07	4.11E-08	1.60E-07	9.98E-08	3.07E-08	1.31E-07	2.36E-08	7.87E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
8315	625304	4265762.18	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.08E-08	1.31E-07	2.37E-08	7.89E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
8316	625304.16	4265752.25	1.20E-07	4.13E-08	1.62E-07	1.00E-07	3.09E-08	1.31E-07	2.38E-08	7.92E-09	3.17E-08	1.85E-08	3.81E-09	2.24E-08
8317	625304.33	4265742.32	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.95E-09	3.18E-08	1.86E-08	3.83E-09	2.24E-08
8318	625304.49	4265732.38	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.12E-08	1.32E-07	2.40E-08	7.98E-09	3.20E-08	1.87E-08	3.85E-09	2.25E-08
8319	625304.65	4265722.45	1.22E-07	4.19E-08	1.64E-07	1.02E-07	3.13E-08	1.33E-07	2.41E-08	8.02E-09	3.21E-08	1.88E-08	3.86E-09	2.26E-08
8320	625304.82	4265712.52	1.22E-07	4.21E-08	1.64E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.06E-09	3.23E-08	1.89E-08	3.88E-09	2.28E-08
8321	625304.98	4265702.58	1.23E-07	4.23E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.10E-09	3.24E-08	1.90E-08	3.90E-09	2.29E-08
8322	625305.15	4265692.65	1.23E-07	4.25E-08	1.66E-07	1.03E-07	3.18E-08	1.35E-07	2.44E-08	8.14E-09	3.26E-08	1.91E-08	3.92E-09	2.30E-08
8323	625305.31	4265682.72	1.24E-07	4.27E-08	1.67E-07	1.04E-07	3.19E-08	1.36E-07	2.46E-08	8.17E-09	3.27E-08	1.91E-08	3.94E-09	2.31E-08
8324	625335.72	4266187.37	9.96E-08	3.42E-08	1.34E-07	8.32E-08	2.56E-08	1.09E-07	1.97E-08	6.56E-09	2.63E-08	1.54E-08	3.16E-09	1.85E-08
8325	625331.81	4266196.38	1.00E-07	3.45E-08	1.35E-07	8.38E-08	2.58E-08	1.10E-07	1.99E-08	6.61E-09	2.65E-08	1.55E-08	3.18E-09	1.87E-08
8326	625327.9	4266205.38	1.01E-07	3.47E-08	1.36E-07	8.44E-08	2.60E-08	1.10E-07	2.00E-08	6.66E-09	2.67E-08	1.56E-08	3.21E-09	1.88E-08
8327	625323.99	4266214.39	1.02E-07	3.50E-08	1.37E-07	8.50E-08	2.62E-08	1.11E-07	2.01E-08	6.70E-09	2.68E-08	1.57E-08	3.23E-09	1.89E-08
8328	625320.08	4266223.4	1.02E-07	3.52E-08	1.38E-07	8.55E-08	2.63E-08	1.12E-07	2.03E-08	6.74E-09	2.70E-08	1.58E-08	3.25E-09	1.90E-08
8329	625316.17	4266232.41	1.03E-07	3.54E-08	1.38E-07	8.60E-08	2.65E-08	1.13E-07	2.04E-08	6.78E-09	2.72E-08	1.59E-08	3.27E-09	1.91E-08
8330	625312.26	4266241.42	1.03E-07	3.56E-08	1.39E-07	8.65E-08	2.66E-08	1.13E-07	2.05E-08	6.82E-09	2.73E-08	1.60E-08	3.28E-09	1.92E-08
8331	625308.35	4266250.43	1.04E-07	3.57E-08	1.40E-07	8.69E-08	2.68E-08	1.14E-07	2.06E-08	6.85E-09	2.74E-08	1.60E-08	3.30E-09	1.93E-08
8332	625304.44	4266259.44	1.04E-07	3.59E-08	1.40E-07	8.72E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
8333	625300.53	4266268.44	1.05E-07	3.60E-08	1.41E-07	8.75E-08	2.70E-08	1.15E-07	2.07E-08	6.90E-09	2.76E-08	1.62E-08	3.32E-09	1.95E-08
8334	625296.62	4266277.45	1.05E-07	3.61E-08	1.41E-07	8.78E-08	2.71E-08	1.15E-07	2.08E-08	6.92E-09	2.77E-08	1.62E-08	3.33E-09	1.95E-08
8335	625292.71	4266286.46	1.05E-07	3.63E-08	1.42E-07	8.81E-08	2.71E-08	1.15E-07	2.09E-08	6.95E-09	2.78E-08	1.63E-08	3.35E-09	1.96E-08
8336	625257.52	4266367.54	1.10E-07	3.80E-08	1.48E-07	9.23E-08	2.84E-08	1.21E-07	2.18E-08	7.27E-09	2.91E-08	1.70E-08	3.50E-09	2.05E-08
8337	625253.61	4266376.55	1.11E-07	3.82E-08	1.49E-07	9.29E-08	2.86E-08	1.21E-07	2.20E-08	7.32E-09	2.93E-08	1.71E-08	3.53E-09	2.07E-08
8338	625249.7	4266385.56	1.12E-07	3.85E-08	1.50E-07	9.35E-08	2.88E-08	1.22E-07	2.21E-08	7.37E-09	2.95E-08	1.73E-08	3.55E-09	2.08E-08
8339	625245.79	4266394.57	1.13E-07	3.87E-08	1.51E-07	9.42E-08	2.90E-08	1.23E-07	2.23E-08	7.42E-09	2.97E-08	1.74E-08	3.58E-09	2.10E-08
8340	625241.88	4266403.57	1.13E-07	3.90E-08	1.53E-07	9.49E-08	2.92E-08	1.24E-07	2.25E-08	7.48E-09	2.99E-08	1.75E-08	3.60E-09	2.11E-08
8341	625237.97	4266412.58	1.14E-07	3.93E-08	1.54E-07	9.56E-08	2.94E-08	1.25E-07	2.26E-08	7.53E-09	3.02E-08	1.76E-08	3.63E-09	2.13E-08
8342	625234.06	4266421.59	1.15E-07	3.96E-08	1.55E-07	9.62E-08	2.96E-08	1.26E-07	2.28E-08	7.59E-09	3.04E-08	1.78E-08	3.65E-09	2.14E-08
8343	625230.15	4266430.6	1.16E-07	3.99E-08	1.56E-07	9.69E-08	2.99E-08	1.27E-07	2.30E-08	7.64E-09	3.06E-08	1.79E-08	3.68E-09	2.16E-08
8344	625226.24	4266439.61	1.17E-07	4.02E-08	1.57E-07	9.76E-08	3.01E-08	1.28E-07	2.31E-08	7.69E-09	3.08E-08	1.80E-08	3.71E-09	2.17E-08
8345	625222.33	4266448.62	1.18E-07	4.04E-08	1.58E-07	9.83E-08	3.03E-08	1.29E-07	2.33E-08	7.75E-09	3.10E-08	1.81E-08	3.73E-09	2.19E-08
8346	625218.42	4266457.63	1.18E-07	4.07E-08	1.59E-07	9.89E-08	3.05E-08	1.29E-07	2.34E-08	7.80E-09	3.12E-08	1.83E-08	3.76E-09	2.20E-08
8347	625214.51	4266466.63	1.19E-07	4.10E-08	1.60E-07	9.96E-08	3.07E-08	1.30E-07	2.36E-08	7.85E-09	3.14E-08	1.84E-08	3.78E-09	2.22E-08
8348	625210.6	4266475.64	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.37E-08	7.90E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08

8349	625206.69	4266484.65	1.21E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.39E-08	7.94E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
8350	625202.78	4266493.66	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.12E-08	1.32E-07	2.40E-08	7.98E-09	3.20E-08	1.87E-08	3.85E-09	2.25E-08
8351	625198.87	4266502.67	1.22E-07	4.19E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.41E-08	8.02E-09	3.21E-08	1.88E-08	3.86E-09	2.27E-08
8352	625185.82	4266515.28	1.25E-07	4.30E-08	1.68E-07	1.04E-07	3.22E-08	1.37E-07	2.47E-08	8.23E-09	3.30E-08	1.93E-08	3.97E-09	2.32E-08
8353	625176.68	4266518.88	1.28E-07	4.39E-08	1.72E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.41E-09	3.37E-08	1.97E-08	4.05E-09	2.37E-08
8354	625167.54	4266522.47	1.30E-07	4.48E-08	1.75E-07	1.09E-07	3.36E-08	1.43E-07	2.58E-08	8.59E-09	3.44E-08	2.01E-08	4.14E-09	2.43E-08
8355	625158.4	4266526.07	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.45E-07	2.63E-08	8.77E-09	3.51E-08	2.05E-08	4.22E-09	2.48E-08
8356	625149.27	4266529.67	1.36E-07	4.67E-08	1.82E-07	1.13E-07	3.50E-08	1.48E-07	2.69E-08	8.95E-09	3.58E-08	2.09E-08	4.31E-09	2.53E-08
8357	625140.13	4266533.27	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.57E-08	1.51E-07	2.74E-08	9.12E-09	3.65E-08	2.14E-08	4.39E-09	2.58E-08
8358	625130.99	4266536.87	1.41E-07	4.85E-08	1.90E-07	1.18E-07	3.63E-08	1.54E-07	2.79E-08	9.30E-09	3.72E-08	2.18E-08	4.48E-09	2.63E-08
8359	625121.85	4266540.47	1.44E-07	4.95E-08	1.93E-07	1.20E-07	3.70E-08	1.57E-07	2.85E-08	9.48E-09	3.80E-08	2.22E-08	4.57E-09	2.68E-08
8360	625112.72	4266544.07	1.46E-07	5.04E-08	1.97E-07	1.22E-07	3.77E-08	1.60E-07	2.90E-08	9.65E-09	3.86E-08	2.26E-08	4.65E-09	2.73E-08
8361	625103.58	4266547.67	1.49E-07	5.13E-08	2.00E-07	1.25E-07	3.84E-08	1.63E-07	2.95E-08	9.82E-09	3.93E-08	2.30E-08	4.73E-09	2.77E-08
8362	625094.44	4266551.26	1.52E-07	5.22E-08	2.04E-07	1.27E-07	3.90E-08	1.66E-07	3.00E-08	9.99E-09	4.00E-08	2.34E-08	4.81E-09	2.82E-08
8363	625085.3	4266554.86	1.54E-07	5.30E-08	2.07E-07	1.29E-07	3.97E-08	1.69E-07	3.05E-08	1.02E-08	4.07E-08	2.38E-08	4.89E-09	2.87E-08
8364	625076.17	4266558.46	1.57E-07	5.39E-08	2.10E-07	1.31E-07	4.03E-08	1.71E-07	3.10E-08	1.03E-08	4.13E-08	2.42E-08	4.97E-09	2.91E-08
8365	625067.03	4266562.06	1.59E-07	5.47E-08	2.14E-07	1.33E-07	4.09E-08	1.74E-07	3.15E-08	1.05E-08	4.20E-08	2.45E-08	5.05E-09	2.96E-08
8366	625057.89	4266565.66	1.61E-07	5.55E-08	2.17E-07	1.35E-07	4.15E-08	1.76E-07	3.19E-08	1.06E-08	4.26E-08	2.49E-08	5.12E-09	3.00E-08
8367	625048.75	4266569.26	1.64E-07	5.63E-08	2.20E-07	1.37E-07	4.21E-08	1.79E-07	3.24E-08	1.08E-08	4.32E-08	2.52E-08	5.19E-09	3.04E-08
8368	625039.62	4266572.86	1.66E-07	5.70E-08	2.23E-07	1.39E-07	4.27E-08	1.81E-07	3.28E-08	1.09E-08	4.37E-08	2.56E-08	5.26E-09	3.08E-08
8369	625030.48	4266576.46	1.68E-07	5.77E-08	2.26E-07	1.40E-07	4.32E-08	1.84E-07	3.32E-08	1.11E-08	4.43E-08	2.59E-08	5.33E-09	3.12E-08
8370	625021.34	4266580.05	1.70E-07	5.84E-08	2.28E-07	1.42E-07	4.37E-08	1.86E-07	3.36E-08	1.12E-08	4.48E-08	2.62E-08	5.39E-09	3.16E-08
8371	625012.2	4266583.65	1.72E-07	5.91E-08	2.31E-07	1.44E-07	4.42E-08	1.88E-07	3.40E-08	1.13E-08	4.53E-08	2.65E-08	5.45E-09	3.20E-08
8372	625003.07	4266587.25	1.74E-07	5.97E-08	2.33E-07	1.45E-07	4.47E-08	1.90E-07	3.44E-08	1.14E-08	4.58E-08	2.68E-08	5.51E-09	3.23E-08
8373	624993.93	4266590.85	1.75E-07	6.03E-08	2.36E-07	1.46E-07	4.51E-08	1.92E-07	3.47E-08	1.15E-08	4.62E-08	2.70E-08	5.56E-09	3.26E-08
8374	624984.79	4266594.45	1.77E-07	6.08E-08	2.38E-07	1.48E-07	4.55E-08	1.93E-07	3.50E-08	1.16E-08	4.66E-08	2.73E-08	5.61E-09	3.29E-08
8375	624975.65	4266598.05	1.78E-07	6.13E-08	2.39E-07	1.49E-07	4.59E-08	1.95E-07	3.53E-08	1.17E-08	4.70E-08	2.75E-08	5.65E-09	3.31E-08
8376	624966.52	4266601.65	1.79E-07	6.17E-08	2.41E-07	1.50E-07	4.62E-08	1.96E-07	3.55E-08	1.18E-08	4.73E-08	2.77E-08	5.69E-09	3.34E-08
8377	624957.38	4266605.25	1.81E-07	6.21E-08	2.43E-07	1.51E-07	4.65E-08	1.97E-07	3.57E-08	1.19E-08	4.76E-08	2.79E-08	5.73E-09	3.36E-08
8378	624948.24	4266608.84	1.82E-07	6.24E-08	2.44E-07	1.52E-07	4.67E-08	1.98E-07	3.59E-08	1.20E-08	4.79E-08	2.80E-08	5.76E-09	3.38E-08
8379	624939.1	4266612.44	1.82E-07	6.27E-08	2.45E-07	1.52E-07	4.69E-08	1.99E-07	3.61E-08	1.20E-08	4.81E-08	2.81E-08	5.79E-09	3.39E-08
8380	624929.97	4266616.04	1.83E-07	6.29E-08	2.46E-07	1.53E-07	4.71E-08	2.00E-07	3.62E-08	1.21E-08	4.83E-08	2.82E-08	5.81E-09	3.41E-08
8381	624920.83	4266619.64	1.84E-07	6.31E-08	2.47E-07	1.53E-07	4.73E-08	2.01E-07	3.63E-08	1.21E-08	4.84E-08	2.83E-08	5.83E-09	3.41E-08
8382	624911.69	4266623.24	1.84E-07	6.33E-08	2.47E-07	1.54E-07	4.74E-08	2.01E-07	3.64E-08	1.21E-08	4.85E-08	2.84E-08	5.84E-09	3.42E-08
8383	624902.55	4266626.84	1.84E-07	6.33E-08	2.48E-07	1.54E-07	4.74E-08	2.01E-07	3.65E-08	1.21E-08	4.86E-08	2.84E-08	5.85E-09	3.43E-08
8384	624893.42	4266630.44	1.84E-07	6.34E-08	2.48E-07	1.54E-07	4.75E-08	2.01E-07	3.65E-08	1.21E-08	4.86E-08	2.84E-08	5.85E-09	3.43E-08
8385	624884.28	4266634.04	1.84E-07	6.34E-08	2.48E-07	1.54E-07	4.74E-08	2.01E-07	3.65E-08	1.21E-08	4.86E-08	2.84E-08	5.85E-09	3.43E-08
8386	624875.14	4266637.64	1.84E-07	6.33E-08	2.47E-07	1.54E-07	4.74E-08	2.01E-07	3.64E-08	1.21E-08	4.86E-08	2.84E-08	5.84E-09	3.43E-08
8387	624866	4266641.23	1.84E-07	6.32E-08	2.47E-07	1.54E-07	4.73E-08	2.01E-07	3.64E-08	1.21E-08	4.85E-08	2.84E-08	5.83E-09	3.42E-08
8388	624856.87	4266644.83	1.83E-07	6.31E-08	2.47E-07	1.53E-07	4.72E-08	2.01E-07	3.63E-08	1.21E-08	4.84E-08	2.83E-08	5.82E-09	3.41E-08
8389	624847.73	4266648.43	1.83E-07	6.29E-08	2.46E-07	1.53E-07	4.71E-08	2.00E-07	3.62E-08	1.21E-08	4.83E-08	2.82E-08	5.81E-09	3.41E-08
8390	625347.62	4266150.41	9.73E-08	3.34E-08	1.31E-07	8.13E-08	2.50E-08	1.06E-07	1.93E-08	6.41E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
8391	625347.78	4266140.47	9.73E-08	3.34E-08	1.31E-07	8.13E-08	2.50E-08	1.06E-07	1.93E-08	6.41E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
8392	625347.94	4266130.54	9.73E-08	3.35E-08	1.31E-07	8.13E-08	2.50E-08	1.06E-07	1.93E-08	6.41E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
8393	625348.11	4266120.61	9.74E-08	3.35E-08	1.31E-07	8.14E-08	2.51E-08	1.06E-07	1.93E-08	6.41E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
8394	625348.27	4266110.67	9.75E-08	3.35E-08	1.31E-07	8.15E-08	2.51E-08	1.07E-07	1.93E-08	6.42E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
8395	625348.43	4266100.74	9.76E-08	3.36E-08	1.31E-07	8.16E-08	2.51E-08	1.07E-07	1.93E-08	6.43E-09	2.57E-08	1.51E-08	3.10E-09	1.82E-08
8396	625348.6	4266090.81	9.77E-08	3.36E-08	1.31E-07	8.16E-08	2.51E-08	1.07E-07	1.93E-08	6.44E-09	2.58E-08	1.51E-08	3.10E-09	1.82E-08
8397	625348.76	4266080.87	9.78E-08	3.36E-08	1.31E-07	8.18E-08	2.52E-08	1.07E-07	1.94E-08	6.45E-09	2.58E-08	1.51E-08	3.10E-09	1.82E-08
8398	625348.92	4266070.94	9.80E-08	3.37E-08	1.32E-07	8.19E-08	2.52E-08	1.07E-07	1.94E-08	6.46E-09	2.59E-08	1.51E-08	3.11E-09	1.82E-08
8399	625349.09	4266061.01	9.82E-08	3.38E-08	1.32E-07	8.21E-08	2.53E-08	1.07E-07	1.94E-08	6.47E-09	2.59E-08	1.52E-08	3.12E-09	1.83E-08
8400	625349.25	4266051.07	9.85E-08	3.39E-08	1.32E-07	8.23E-08	2.54E-08	1.08E-07	1.95E-08	6.49E-09	2.60E-08	1.52E-08	3.13E-09	1.83E-08
8401	625349.41	4266041.14	9.88E-08	3.40E-08	1.33E-07	8.26E-08	2.54E-08	1.08E-07	1.96E-08	6.51E-09	2.61E-08	1.52E-08	3.14E-09	1.84E-08
8402	625349.58	4266031.21	9.91E-08	3.41E-08	1.33E-07	8.28E-08	2.55E-08	1.08E-07	1.96E-08	6.53E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
8403	625349.74	4266021.27	9.94E-08	3.42E-08	1.34E-07	8.31E-08	2.56E-08	1.09E-07	1.97E-08	6.55E-09	2.62E-08	1.53E-08	3.16E-09	1.85E-08
8404	625349.91	4266011.34	9.98E-08	3.43E-08	1.34E-07	8.34E-08	2.57E-08	1.09E-07	1.98E-08	6.58E-09	2.63E-08	1.54E-08	3.17E-09	1.86E-08
8405	625350.07	4266001.41	1.00E-07	3.44E-08	1.35E-07	8.37E-08	2.58E-08	1.10E-07	1.98E-08	6.60E-09	2.64E-08	1.55E-08	3.18E-09	1.86E-08
8406	625350.23	4265991.47	1.01E-07	3.46E-08	1.35E-07	8.41E-08	2.59E-08	1.10E-07	1.99E-08	6.63E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
8407	625350.4	4265981.54	1.01E-07	3.47E-08	1.36E-07	8.44E-08	2.60E-08	1.10E-07	2.00E-08	6.65E-09	2.66E-08	1.56E-08	3.20E-09	1.88E-08
8408	625350.56	4265971.61	1.01E-07	3.48E-08	1.36E-07	8.46E-08	2.61E-08	1.11E-07	2.00E-08	6.67E-09	2.67E-08	1.56E-08	3.21E-09	1.88E-08
8409	625350.72	4265961.67	1.02E-07	3.49E-08	1.37E-07	8.49E-08	2.62E-08	1.11E-07	2.01E-08	6.69E-09	2.68E-08	1.57E-08	3.22E-09	1.89E-08
8410	625350.89	4265951.74	1.02E-07	3.50E-08	1.37E-07	8.51E-08	2.62E-08	1.11E-07	2.02E-08	6.71E-09	2.69E-08	1.57E-08	3.23E-09	1.90E-08
8411	625351.05	4265941.81	1.02E-07	3.51E-08	1.37E-07	8.54E-08	2.63E-08	1.12E-07	2.02E-08	6.73E-09	2.69E-08	1.58E-08	3.24E-09	1.90E-08
8412	625351.21	4265931.87	1.02E-07	3.52E-08	1.38E-07	8.56E-08	2.64E-08	1.12E-07	2.03E-08	6.75E-09	2.70E-08	1.58E-08	3.25E-09	1.90E-08
8413	625351.38	4265921.94	1.03E-07	3.53E-08	1.38E-07	8.58E-08	2.64E-08	1.12E-07	2.03E-08	6.76E-09	2.71E-08	1.58E-08	3.26E-09	1.91E-08
8414	625351.54	4265912.01	1.03E-07	3.53E-08	1.38E-07	8.59E-08	2.65E-08	1.12E-07	2.03E-08	6.77E-09	2.71E-08	1.59E-08	3.26E-09	1.91E-08
8415	625351.7	4265902.07	1.03E-07	3.54E-08	1.38E-07	8.60E-08	2.65E-08	1.13E-07	2.04E-08	6.78E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
8416	625351.87	4265892.14	1.03E-07	3.54E-08	1.38E-07	8.61E-08	2.65E-08	1.13E-07	2.04E-08	6.79E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
8417	625352.03	4265882.21	1.03E-07	3.55E-08	1.39E-07	8.62E-08	2.66E-08	1.13E-07	2.04E-08	6.80E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
8418	625352.19	4265872.27	1.03E-07	3.55E-08	1.39E-07	8.63E-08	2.66E-08	1.13E-07	2.04E-08	6.80E-09	2.72E-08	1.59E-08	3.28E-09	1.92E-08
8419	625352.36	4265862.34	1.03E-07	3.55E-08	1.39E-07	8.63E-08	2.66E-08	1.13E-07	2.04E-08	6.80E-09	2.72E-08	1.59E-08	3.28E-09	1.92E-08
8420	625352.52	4265852.41	1.03E-07	3.55E-08	1.39E-07	8.63E-08	2.66E-08	1.13E-07	2.04E-08	6.80E-09	2.72E-08	1.59E-08	3.28E-09	1.92E-08

8421	625352.69	4265842.47	1.03E-07	3.55E-08	1.39E-07	8.63E-08	2.66E-08	1.13E-07	2.04E-08	6.81E-09	2.72E-08	1.59E-08	3.28E-09	1.92E-08
8422	625352.85	4265832.54	1.03E-07	3.55E-08	1.39E-07	8.64E-08	2.66E-08	1.13E-07	2.05E-08	6.81E-09	2.73E-08	1.59E-08	3.28E-09	1.92E-08
8423	625353.01	4265822.61	1.03E-07	3.55E-08	1.39E-07	8.64E-08	2.66E-08	1.13E-07	2.05E-08	6.81E-09	2.73E-08	1.59E-08	3.28E-09	1.92E-08
8424	625353.18	4265812.67	1.03E-07	3.56E-08	1.39E-07	8.65E-08	2.66E-08	1.13E-07	2.05E-08	6.82E-09	2.73E-08	1.60E-08	3.28E-09	1.92E-08
8425	625353.34	4265802.74	1.04E-07	3.56E-08	1.39E-07	8.66E-08	2.67E-08	1.13E-07	2.05E-08	6.82E-09	2.73E-08	1.60E-08	3.29E-09	1.93E-08
8426	625353.5	4265792.81	1.04E-07	3.57E-08	1.39E-07	8.67E-08	2.67E-08	1.13E-07	2.05E-08	6.83E-09	2.74E-08	1.60E-08	3.29E-09	1.93E-08
8427	625353.67	4265782.87	1.04E-07	3.58E-08	1.40E-07	8.69E-08	2.68E-08	1.14E-07	2.06E-08	6.85E-09	2.74E-08	1.60E-08	3.30E-09	1.93E-08
8428	625353.83	4265772.94	1.04E-07	3.59E-08	1.40E-07	8.71E-08	2.68E-08	1.14E-07	2.06E-08	6.87E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
8429	625353.99	4265763.01	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
8430	625354.16	4265753.07	1.05E-07	3.61E-08	1.41E-07	8.78E-08	2.70E-08	1.15E-07	2.08E-08	6.92E-09	2.77E-08	1.62E-08	3.33E-09	1.95E-08
8431	625354.32	4265743.14	1.05E-07	3.63E-08	1.42E-07	8.82E-08	2.72E-08	1.15E-07	2.09E-08	6.95E-09	2.78E-08	1.63E-08	3.35E-09	1.96E-08
8432	625354.48	4265733.21	1.06E-07	3.65E-08	1.42E-07	8.86E-08	2.73E-08	1.16E-07	2.10E-08	6.98E-09	2.80E-08	1.64E-08	3.36E-09	1.97E-08
8433	625354.65	4265723.27	1.07E-07	3.66E-08	1.43E-07	8.91E-08	2.74E-08	1.16E-07	2.11E-08	7.02E-09	2.81E-08	1.64E-08	3.38E-09	1.98E-08
8434	625354.81	4265713.34	1.07E-07	3.68E-08	1.44E-07	8.95E-08	2.76E-08	1.17E-07	2.12E-08	7.06E-09	2.83E-08	1.65E-08	3.40E-09	1.99E-08
8435	625354.98	4265703.41	1.08E-07	3.70E-08	1.45E-07	9.00E-08	2.77E-08	1.18E-07	2.13E-08	7.10E-09	2.84E-08	1.66E-08	3.42E-09	2.00E-08
8436	625355.14	4265693.47	1.08E-07	3.72E-08	1.46E-07	9.05E-08	2.79E-08	1.18E-07	2.14E-08	7.14E-09	2.86E-08	1.67E-08	3.44E-09	2.01E-08
8437	625355.3	4265683.54	1.09E-07	3.74E-08	1.46E-07	9.10E-08	2.80E-08	1.19E-07	2.15E-08	7.17E-09	2.87E-08	1.68E-08	3.45E-09	2.03E-08
8438	625385.74	4266188.13	8.93E-08	3.07E-08	1.20E-07	7.46E-08	2.30E-08	9.76E-08	1.77E-08	5.88E-09	2.35E-08	1.38E-08	2.83E-09	1.66E-08
8439	625381.84	4266197.11	8.99E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.83E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
8440	625377.94	4266206.1	9.04E-08	3.11E-08	1.22E-07	7.56E-08	2.33E-08	9.88E-08	1.79E-08	5.96E-09	2.39E-08	1.40E-08	2.87E-09	1.68E-08
8441	625374.04	4266215.09	9.09E-08	3.13E-08	1.22E-07	7.60E-08	2.34E-08	9.94E-08	1.80E-08	5.99E-09	2.40E-08	1.40E-08	2.89E-09	1.69E-08
8442	625370.14	4266224.08	9.14E-08	3.14E-08	1.23E-07	7.64E-08	2.35E-08	9.99E-08	1.81E-08	6.02E-09	2.41E-08	1.41E-08	2.90E-09	1.70E-08
8443	625366.24	4266233.07	9.18E-08	3.16E-08	1.23E-07	7.67E-08	2.36E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
8444	625362.34	4266242.05	9.22E-08	3.17E-08	1.24E-07	7.71E-08	2.37E-08	1.01E-07	1.83E-08	6.08E-09	2.43E-08	1.42E-08	2.93E-09	1.72E-08
8445	625358.43	4266251.04	9.26E-08	3.18E-08	1.24E-07	7.74E-08	2.38E-08	1.01E-07	1.83E-08	6.10E-09	2.44E-08	1.43E-08	2.94E-09	1.72E-08
8446	625354.53	4266260.03	9.29E-08	3.19E-08	1.25E-07	7.76E-08	2.39E-08	1.02E-07	1.84E-08	6.12E-09	2.45E-08	1.43E-08	2.95E-09	1.73E-08
8447	625350.63	4266269.02	9.31E-08	3.20E-08	1.25E-07	7.78E-08	2.40E-08	1.02E-07	1.84E-08	6.14E-09	2.46E-08	1.44E-08	2.96E-09	1.73E-08
8448	625346.73	4266278	9.33E-08	3.21E-08	1.25E-07	7.80E-08	2.40E-08	1.02E-07	1.85E-08	6.15E-09	2.46E-08	1.44E-08	2.96E-09	1.74E-08
8449	625342.83	4266286.99	9.35E-08	3.22E-08	1.26E-07	7.82E-08	2.41E-08	1.02E-07	1.85E-08	6.16E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08
8450	625307.72	4266367.88	9.67E-08	3.32E-08	1.30E-07	8.08E-08	2.49E-08	1.06E-07	1.91E-08	6.37E-09	2.55E-08	1.49E-08	3.07E-09	1.80E-08
8451	625303.82	4266376.87	9.72E-08	3.34E-08	1.31E-07	8.13E-08	2.50E-08	1.06E-07	1.92E-08	6.41E-09	2.56E-08	1.50E-08	3.09E-09	1.81E-08
8452	625299.92	4266385.86	9.78E-08	3.36E-08	1.31E-07	8.18E-08	2.52E-08	1.07E-07	1.94E-08	6.44E-09	2.58E-08	1.51E-08	3.10E-09	1.82E-08
8453	625296.02	4266394.84	9.84E-08	3.39E-08	1.32E-07	8.23E-08	2.53E-08	1.08E-07	1.95E-08	6.49E-09	2.60E-08	1.52E-08	3.12E-09	1.83E-08
8454	625292.12	4266403.83	9.91E-08	3.41E-08	1.33E-07	8.28E-08	2.55E-08	1.08E-07	1.96E-08	6.53E-09	2.61E-08	1.53E-08	3.15E-09	1.84E-08
8455	625288.21	4266412.82	9.98E-08	3.43E-08	1.34E-07	8.34E-08	2.57E-08	1.09E-07	1.98E-08	6.58E-09	2.63E-08	1.54E-08	3.17E-09	1.86E-08
8456	625284.31	4266421.81	1.01E-07	3.46E-08	1.35E-07	8.40E-08	2.59E-08	1.10E-07	1.99E-08	6.62E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
8457	625280.41	4266430.79	1.01E-07	3.48E-08	1.36E-07	8.46E-08	2.61E-08	1.11E-07	2.00E-08	6.67E-09	2.67E-08	1.56E-08	3.21E-09	1.88E-08
8458	625276.51	4266439.78	1.02E-07	3.51E-08	1.37E-07	8.52E-08	2.62E-08	1.11E-07	2.02E-08	6.72E-09	2.69E-08	1.57E-08	3.24E-09	1.90E-08
8459	625272.61	4266448.77	1.03E-07	3.53E-08	1.38E-07	8.58E-08	2.64E-08	1.12E-07	2.03E-08	6.76E-09	2.71E-08	1.58E-08	3.26E-09	1.91E-08
8460	625268.71	4266457.76	1.03E-07	3.56E-08	1.39E-07	8.64E-08	2.66E-08	1.13E-07	2.05E-08	6.81E-09	2.73E-08	1.60E-08	3.28E-09	1.92E-08
8461	625264.81	4266466.75	1.04E-07	3.58E-08	1.40E-07	8.70E-08	2.68E-08	1.14E-07	2.06E-08	6.86E-09	2.75E-08	1.61E-08	3.30E-09	1.94E-08
8462	625260.91	4266475.73	1.05E-07	3.61E-08	1.41E-07	8.76E-08	2.70E-08	1.15E-07	2.08E-08	6.91E-09	2.77E-08	1.62E-08	3.33E-09	1.95E-08
8463	625257.01	4266484.72	1.06E-07	3.63E-08	1.42E-07	8.82E-08	2.72E-08	1.15E-07	2.09E-08	6.95E-09	2.78E-08	1.63E-08	3.35E-09	1.96E-08
8464	625253.11	4266493.71	1.06E-07	3.65E-08	1.43E-07	8.88E-08	2.73E-08	1.16E-07	2.10E-08	7.00E-09	2.80E-08	1.64E-08	3.37E-09	1.98E-08
8465	625249.2	4266502.7	1.07E-07	3.67E-08	1.44E-07	8.93E-08	2.75E-08	1.17E-07	2.11E-08	7.04E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
8466	625245.3	4266511.68	1.07E-07	3.70E-08	1.44E-07	8.98E-08	2.77E-08	1.17E-07	2.13E-08	7.08E-09	2.84E-08	1.66E-08	3.41E-09	2.00E-08
8467	625241.4	4266520.67	1.08E-07	3.72E-08	1.45E-07	9.03E-08	2.78E-08	1.18E-07	2.14E-08	7.12E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08
8468	625237.5	4266529.66	1.09E-07	3.73E-08	1.46E-07	9.08E-08	2.80E-08	1.19E-07	2.15E-08	7.16E-09	2.87E-08	1.68E-08	3.45E-09	2.02E-08
8469	625233.6	4266538.65	1.09E-07	3.75E-08	1.47E-07	9.12E-08	2.81E-08	1.19E-07	2.16E-08	7.19E-09	2.88E-08	1.68E-08	3.46E-09	2.03E-08
8470	625220.58	4266551.22	1.12E-07	3.85E-08	1.50E-07	9.35E-08	2.88E-08	1.22E-07	2.21E-08	7.37E-09	2.95E-08	1.73E-08	3.55E-09	2.08E-08
8471	625211.47	4266554.82	1.14E-07	3.92E-08	1.53E-07	9.53E-08	2.94E-08	1.25E-07	2.26E-08	7.51E-09	3.01E-08	1.76E-08	3.62E-09	2.12E-08
8472	625202.35	4266558.41	1.16E-07	4.00E-08	1.56E-07	9.72E-08	2.99E-08	1.27E-07	2.30E-08	7.66E-09	3.07E-08	1.79E-08	3.69E-09	2.16E-08
8473	625193.23	4266562	1.19E-07	4.08E-08	1.59E-07	9.91E-08	3.05E-08	1.30E-07	2.35E-08	7.81E-09	3.13E-08	1.83E-08	3.76E-09	2.21E-08
8474	625184.12	4266565.59	1.21E-07	4.16E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.96E-09	3.19E-08	1.86E-08	3.83E-09	2.25E-08
8475	625175	4266569.18	1.23E-07	4.23E-08	1.65E-07	1.03E-07	3.17E-08	1.35E-07	2.44E-08	8.11E-09	3.25E-08	1.90E-08	3.91E-09	2.29E-08
8476	625165.88	4266572.77	1.25E-07	4.31E-08	1.68E-07	1.05E-07	3.23E-08	1.37E-07	2.48E-08	8.26E-09	3.31E-08	1.93E-08	3.98E-09	2.33E-08
8477	625156.77	4266576.36	1.28E-07	4.39E-08	1.71E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.41E-09	3.37E-08	1.97E-08	4.05E-09	2.37E-08
8478	625147.65	4266579.95	1.30E-07	4.46E-08	1.74E-07	1.09E-07	3.34E-08	1.42E-07	2.57E-08	8.55E-09	3.43E-08	2.00E-08	4.12E-09	2.42E-08
8479	625138.54	4266583.54	1.32E-07	4.54E-08	1.77E-07	1.10E-07	3.40E-08	1.44E-07	2.61E-08	8.70E-09	3.48E-08	2.04E-08	4.19E-09	2.46E-08
8480	625129.42	4266587.13	1.34E-07	4.61E-08	1.80E-07	1.12E-07	3.45E-08	1.47E-07	2.66E-08	8.84E-09	3.54E-08	2.07E-08	4.26E-09	2.50E-08
8481	625120.3	4266590.72	1.36E-07	4.69E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.98E-09	3.60E-08	2.10E-08	4.33E-09	2.54E-08
8482	625111.19	4266594.31	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.56E-08	1.51E-07	2.74E-08	9.12E-09	3.65E-08	2.14E-08	4.39E-09	2.57E-08
8483	625102.07	4266597.9	1.40E-07	4.83E-08	1.89E-07	1.17E-07	3.62E-08	1.54E-07	2.78E-08	9.25E-09	3.71E-08	2.17E-08	4.46E-09	2.61E-08
8484	625092.95	4266601.49	1.42E-07	4.90E-08	1.91E-07	1.19E-07	3.67E-08	1.56E-07	2.82E-08	9.38E-09	3.76E-08	2.20E-08	4.52E-09	2.65E-08
8485	625083.84	4266605.08	1.44E-07	4.96E-08	1.94E-07	1.21E-07	3.72E-08	1.58E-07	2.86E-08	9.51E-09	3.81E-08	2.23E-08	4.58E-09	2.69E-08
8486	625074.72	4266608.67	1.46E-07	5.03E-08	1.97E-07	1.22E-07	3.77E-08	1.60E-07	2.90E-08	9.64E-09	3.86E-08	2.26E-08	4.64E-09	2.72E-08
8487	625065.61	4266612.26	1.48E-07	5.09E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.76E-09	3.91E-08	2.29E-08	4.70E-09	2.76E-08
8488	625056.49	4266615.85	1.50E-07	5.15E-08	2.01E-07	1.25E-07	3.86E-08	1.64E-07	2.97E-08	9.87E-09	3.95E-08	2.31E-08	4.76E-09	2.79E-08
8489	625047.37	4266619.44	1.52E-07	5.21E-08	2.04E-07	1.27E-07	3.90E-08	1.66E-07	3.00E-08	9.98E-09	4.00E-08	2.34E-08	4.81E-09	2.82E-08
8490	625038.26	4266623.03	1.53E-07	5.27E-08	2.06E-07	1.28E-07	3.94E-08	1.67E-07	3.03E-08	1.01E-08	4.04E-08	2.36E-08	4.86E-09	2.85E-08
8491	625029.14	4266626.62	1.55E-07	5.32E-08	2.08E-07	1.29E-07	3.98E-08	1.69E-07	3.06E-08	1.02E-08	4.08E-08	2.39E-08	4.91E-09	2.88E-08
8492	625020.02	4266630.21	1.56E-07	5.37E-08	2.10E-07	1.30E-07	4.02E-08	1.71E-07	3.09E-08	1.03E-08	4.12E-08	2.41E-08	4.95E-09	2.90E-08

8493	625010.91	4266633.8	1.57E-07	5.41E-08	2.12E-07	1.32E-07	4.05E-08	1.72E-07	3.12E-08	1.04E-08	4.15E-08	2.43E-08	5.00E-09	2.93E-08
8494	625001.79	4266637.39	1.59E-07	5.45E-08	2.13E-07	1.33E-07	4.08E-08	1.73E-07	3.14E-08	1.05E-08	4.18E-08	2.45E-08	5.03E-09	2.95E-08
8495	624992.68	4266640.99	1.60E-07	5.49E-08	2.15E-07	1.34E-07	4.11E-08	1.75E-07	3.16E-08	1.05E-08	4.21E-08	2.46E-08	5.07E-09	2.97E-08
8496	624983.56	4266644.58	1.61E-07	5.53E-08	2.16E-07	1.34E-07	4.14E-08	1.76E-07	3.18E-08	1.06E-08	4.24E-08	2.48E-08	5.10E-09	2.99E-08
8497	624974.44	4266648.17	1.62E-07	5.56E-08	2.17E-07	1.35E-07	4.16E-08	1.77E-07	3.20E-08	1.06E-08	4.26E-08	2.49E-08	5.13E-09	3.01E-08
8498	624965.33	4266651.76	1.62E-07	5.59E-08	2.18E-07	1.36E-07	4.18E-08	1.78E-07	3.22E-08	1.07E-08	4.29E-08	2.51E-08	5.15E-09	3.02E-08
8499	624956.21	4266655.35	1.63E-07	5.61E-08	2.19E-07	1.36E-07	4.20E-08	1.78E-07	3.23E-08	1.07E-08	4.30E-08	2.52E-08	5.18E-09	3.03E-08
8500	624947.09	4266658.94	1.64E-07	5.63E-08	2.20E-07	1.37E-07	4.21E-08	1.79E-07	3.24E-08	1.08E-08	4.32E-08	2.53E-08	5.19E-09	3.04E-08
8501	624937.98	4266662.53	1.64E-07	5.64E-08	2.21E-07	1.37E-07	4.23E-08	1.79E-07	3.25E-08	1.08E-08	4.33E-08	2.53E-08	5.21E-09	3.05E-08
8502	624928.86	4266666.12	1.64E-07	5.66E-08	2.21E-07	1.37E-07	4.23E-08	1.80E-07	3.26E-08	1.08E-08	4.34E-08	2.54E-08	5.22E-09	3.06E-08
8503	624919.75	4266669.71	1.65E-07	5.66E-08	2.21E-07	1.38E-07	4.24E-08	1.80E-07	3.26E-08	1.08E-08	4.34E-08	2.54E-08	5.23E-09	3.06E-08
8504	624910.63	4266673.3	1.65E-07	5.67E-08	2.21E-07	1.38E-07	4.24E-08	1.80E-07	3.26E-08	1.09E-08	4.35E-08	2.54E-08	5.23E-09	3.07E-08
8505	624901.51	4266676.89	1.65E-07	5.67E-08	2.21E-07	1.38E-07	4.24E-08	1.80E-07	3.26E-08	1.09E-08	4.35E-08	2.54E-08	5.23E-09	3.07E-08
8506	624892.4	4266680.48	1.65E-07	5.66E-08	2.21E-07	1.38E-07	4.24E-08	1.80E-07	3.26E-08	1.08E-08	4.34E-08	2.54E-08	5.22E-09	3.06E-08
8507	624883.28	4266684.07	1.64E-07	5.65E-08	2.21E-07	1.37E-07	4.23E-08	1.80E-07	3.25E-08	1.08E-08	4.34E-08	2.54E-08	5.22E-09	3.06E-08
8508	624874.16	4266687.66	1.64E-07	5.64E-08	2.21E-07	1.37E-07	4.22E-08	1.79E-07	3.25E-08	1.08E-08	4.33E-08	2.53E-08	5.21E-09	3.05E-08
8509	624865.05	4266691.25	1.64E-07	5.63E-08	2.20E-07	1.37E-07	4.21E-08	1.79E-07	3.24E-08	1.08E-08	4.32E-08	2.53E-08	5.20E-09	3.05E-08
8510	624855.93	4266694.84	1.63E-07	5.61E-08	2.19E-07	1.36E-07	4.20E-08	1.78E-07	3.23E-08	1.08E-08	4.31E-08	2.52E-08	5.18E-09	3.04E-08
8511	624846.82	4266698.43	1.63E-07	5.60E-08	2.19E-07	1.36E-07	4.19E-08	1.78E-07	3.22E-08	1.07E-08	4.29E-08	2.51E-08	5.16E-09	3.03E-08
8512	625397.61	4266151.23	8.73E-08	3.00E-08	1.17E-07	7.30E-08	2.25E-08	9.55E-08	1.73E-08	5.75E-09	2.30E-08	1.35E-08	2.77E-09	1.62E-08
8513	625397.77	4266141.3	8.74E-08	3.00E-08	1.17E-07	7.30E-08	2.25E-08	9.55E-08	1.73E-08	5.76E-09	2.30E-08	1.35E-08	2.77E-09	1.63E-08
8514	625397.94	4266131.36	8.74E-08	3.00E-08	1.17E-07	7.30E-08	2.25E-08	9.55E-08	1.73E-08	5.76E-09	2.30E-08	1.35E-08	2.77E-09	1.63E-08
8515	625398.1	4266121.43	8.74E-08	3.00E-08	1.17E-07	7.30E-08	2.25E-08	9.55E-08	1.73E-08	5.76E-09	2.31E-08	1.35E-08	2.77E-09	1.63E-08
8516	625398.26	4266111.5	8.74E-08	3.01E-08	1.17E-07	7.31E-08	2.25E-08	9.56E-08	1.73E-08	5.76E-09	2.31E-08	1.35E-08	2.77E-09	1.63E-08
8517	625398.43	4266101.56	8.75E-08	3.01E-08	1.18E-07	7.31E-08	2.25E-08	9.56E-08	1.73E-08	5.76E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
8518	625398.59	4266091.63	8.75E-08	3.01E-08	1.18E-07	7.32E-08	2.25E-08	9.57E-08	1.73E-08	5.77E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
8519	625398.75	4266081.7	8.76E-08	3.01E-08	1.18E-07	7.32E-08	2.26E-08	9.58E-08	1.73E-08	5.77E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
8520	625398.92	4266071.76	8.78E-08	3.02E-08	1.18E-07	7.34E-08	2.26E-08	9.60E-08	1.74E-08	5.78E-09	2.32E-08	1.35E-08	2.79E-09	1.63E-08
8521	625399.08	4266061.83	8.80E-08	3.02E-08	1.18E-07	7.35E-08	2.26E-08	9.62E-08	1.74E-08	5.80E-09	2.32E-08	1.36E-08	2.79E-09	1.64E-08
8522	625399.24	4266051.9	8.82E-08	3.03E-08	1.19E-07	7.37E-08	2.27E-08	9.64E-08	1.75E-08	5.81E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
8523	625399.41	4266041.96	8.84E-08	3.04E-08	1.19E-07	7.39E-08	2.28E-08	9.67E-08	1.75E-08	5.83E-09	2.33E-08	1.36E-08	2.81E-09	1.64E-08
8524	625399.57	4266032.03	8.86E-08	3.05E-08	1.19E-07	7.41E-08	2.28E-08	9.69E-08	1.75E-08	5.84E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
8525	625399.74	4266022.1	8.89E-08	3.06E-08	1.19E-07	7.43E-08	2.29E-08	9.72E-08	1.76E-08	5.86E-09	2.34E-08	1.37E-08	2.82E-09	1.65E-08
8526	625399.9	4266012.16	8.91E-08	3.06E-08	1.20E-07	7.45E-08	2.29E-08	9.74E-08	1.76E-08	5.87E-09	2.35E-08	1.38E-08	2.83E-09	1.66E-08
8527	625400.06	4266002.23	8.94E-08	3.07E-08	1.20E-07	7.47E-08	2.30E-08	9.77E-08	1.77E-08	5.89E-09	2.36E-08	1.38E-08	2.84E-09	1.66E-08
8528	625400.23	4265992.3	8.96E-08	3.08E-08	1.20E-07	7.49E-08	2.31E-08	9.80E-08	1.77E-08	5.90E-09	2.36E-08	1.38E-08	2.84E-09	1.67E-08
8529	625400.39	4265982.36	8.98E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
8530	625400.55	4265972.43	9.01E-08	3.10E-08	1.21E-07	7.53E-08	2.32E-08	9.85E-08	1.78E-08	5.93E-09	2.38E-08	1.39E-08	2.86E-09	1.68E-08
8531	625400.72	4265962.5	9.03E-08	3.10E-08	1.21E-07	7.54E-08	2.32E-08	9.87E-08	1.79E-08	5.95E-09	2.38E-08	1.39E-08	2.86E-09	1.68E-08
8532	625400.88	4265952.56	9.05E-08	3.11E-08	1.22E-07	7.56E-08	2.33E-08	9.89E-08	1.79E-08	5.96E-09	2.39E-08	1.40E-08	2.87E-09	1.68E-08
8533	625401.04	4265942.63	9.06E-08	3.12E-08	1.22E-07	7.57E-08	2.33E-08	9.91E-08	1.79E-08	5.97E-09	2.39E-08	1.40E-08	2.88E-09	1.69E-08
8534	625401.21	4265932.7	9.08E-08	3.12E-08	1.22E-07	7.59E-08	2.34E-08	9.92E-08	1.80E-08	5.98E-09	2.39E-08	1.40E-08	2.88E-09	1.69E-08
8535	625401.37	4265922.76	9.09E-08	3.12E-08	1.22E-07	7.60E-08	2.34E-08	9.93E-08	1.80E-08	5.99E-09	2.40E-08	1.40E-08	2.88E-09	1.69E-08
8536	625401.53	4265912.83	9.10E-08	3.13E-08	1.22E-07	7.60E-08	2.34E-08	9.94E-08	1.80E-08	5.99E-09	2.40E-08	1.40E-08	2.89E-09	1.69E-08
8537	625401.7	4265902.9	9.10E-08	3.13E-08	1.22E-07	7.61E-08	2.34E-08	9.95E-08	1.80E-08	6.00E-09	2.40E-08	1.40E-08	2.89E-09	1.69E-08
8538	625401.86	4265892.96	9.10E-08	3.13E-08	1.22E-07	7.61E-08	2.34E-08	9.95E-08	1.80E-08	6.00E-09	2.40E-08	1.40E-08	2.89E-09	1.69E-08
8539	625402.02	4265883.03	9.11E-08	3.13E-08	1.22E-07	7.61E-08	2.35E-08	9.96E-08	1.80E-08	6.00E-09	2.40E-08	1.41E-08	2.89E-09	1.69E-08
8540	625402.19	4265873.1	9.11E-08	3.13E-08	1.22E-07	7.62E-08	2.35E-08	9.96E-08	1.80E-08	6.00E-09	2.40E-08	1.41E-08	2.89E-09	1.70E-08
8541	625402.35	4265863.16	9.11E-08	3.13E-08	1.22E-07	7.62E-08	2.35E-08	9.96E-08	1.80E-08	6.00E-09	2.40E-08	1.41E-08	2.89E-09	1.70E-08
8542	625402.52	4265853.23	9.11E-08	3.13E-08	1.22E-07	7.61E-08	2.35E-08	9.96E-08	1.80E-08	6.00E-09	2.40E-08	1.41E-08	2.89E-09	1.69E-08
8543	625402.68	4265843.3	9.11E-08	3.13E-08	1.22E-07	7.61E-08	2.35E-08	9.96E-08	1.80E-08	6.00E-09	2.40E-08	1.41E-08	2.89E-09	1.69E-08
8544	625402.84	4265833.36	9.11E-08	3.13E-08	1.22E-07	7.62E-08	2.35E-08	9.96E-08	1.80E-08	6.00E-09	2.40E-08	1.41E-08	2.89E-09	1.70E-08
8545	625403.01	4265823.43	9.12E-08	3.13E-08	1.22E-07	7.62E-08	2.35E-08	9.97E-08	1.80E-08	6.01E-09	2.40E-08	1.41E-08	2.89E-09	1.70E-08
8546	625403.17	4265813.5	9.12E-08	3.14E-08	1.23E-07	7.63E-08	2.35E-08	9.98E-08	1.81E-08	6.01E-09	2.41E-08	1.41E-08	2.90E-09	1.70E-08
8547	625403.33	4265803.56	9.14E-08	3.14E-08	1.23E-07	7.64E-08	2.35E-08	9.99E-08	1.81E-08	6.02E-09	2.41E-08	1.41E-08	2.90E-09	1.70E-08
8548	625403.5	4265793.63	9.15E-08	3.15E-08	1.23E-07	7.65E-08	2.36E-08	1.00E-07	1.81E-08	6.03E-09	2.42E-08	1.41E-08	2.91E-09	1.70E-08
8549	625403.66	4265783.7	9.18E-08	3.16E-08	1.23E-07	7.67E-08	2.36E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
8550	625403.82	4265773.76	9.21E-08	3.17E-08	1.24E-07	7.70E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
8551	625403.99	4265763.83	9.24E-08	3.18E-08	1.24E-07	7.72E-08	2.38E-08	1.01E-07	1.83E-08	6.09E-09	2.44E-08	1.43E-08	2.93E-09	1.72E-08
8552	625404.15	4265753.9	9.28E-08	3.19E-08	1.25E-07	7.76E-08	2.39E-08	1.01E-07	1.84E-08	6.11E-09	2.45E-08	1.43E-08	2.95E-09	1.73E-08
8553	625404.31	4265743.96	9.33E-08	3.21E-08	1.25E-07	7.80E-08	2.40E-08	1.02E-07	1.85E-08	6.14E-09	2.46E-08	1.44E-08	2.96E-09	1.73E-08
8554	625404.48	4265734.03	9.37E-08	3.22E-08	1.26E-07	7.84E-08	2.41E-08	1.02E-07	1.86E-08	6.18E-09	2.47E-08	1.45E-08	2.97E-09	1.74E-08
8555	625404.64	4265724.1	9.43E-08	3.24E-08	1.27E-07	7.88E-08	2.43E-08	1.03E-07	1.87E-08	6.21E-09	2.49E-08	1.45E-08	2.99E-09	1.75E-08
8556	625404.8	4265714.16	9.48E-08	3.26E-08	1.27E-07	7.92E-08	2.44E-08	1.04E-07	1.88E-08	6.25E-09	2.50E-08	1.46E-08	3.01E-09	1.76E-08
8557	625404.97	4265704.23	9.53E-08	3.28E-08	1.28E-07	7.97E-08	2.45E-08	1.04E-07	1.89E-08	6.28E-09	2.52E-08	1.47E-08	3.03E-09	1.77E-08
8558	625405.13	4265694.3	9.59E-08	3.30E-08	1.29E-07	8.01E-08	2.47E-08	1.05E-07	1.90E-08	6.32E-09	2.53E-08	1.48E-08	3.04E-09	1.78E-08
8559	625405.3	4265684.36	9.64E-08	3.32E-08	1.30E-07	8.06E-08	2.48E-08	1.05E-07	1.91E-08	6.35E-09	2.54E-08	1.49E-08	3.06E-09	1.79E-08
8560	625435.76	4266188.9	8.07E-08	2.78E-08	1.09E-07	6.75E-08	2.08E-08	8.83E-08	1.60E-08	5.32E-09	2.13E-08	1.25E-08	2.56E-09	1.50E-08
8561	625431.86	4266197.87	8.13E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.88E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
8562	625427.97	4266206.84	8.17E-08	2.81E-08	1.10E-07	6.83E-08	2.10E-08	8.94E-08	1.62E-08	5.38E-09	2.16E-08	1.26E-08	2.59E-09	1.52E-08
8563	625424.08	4266215.81	8.22E-08	2.83E-08	1.10E-07	6.87E-08	2.12E-08	8.98E-08	1.63E-08	5.41E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
8564	625420.18	4266224.78	8.25E-08	2.84E-08	1.11E-07	6.90E-08	2.12E-08	9.02E-08	1.63E-08	5.44E-09	2.18E-08	1.27E-08	2.62E-09	1.54E-08

8565	625416.29	4266233.75	8.29E-08	2.85E-08	1.11E-07	6.93E-08	2.13E-08	9.06E-08	1.64E-08	5.46E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
8566	625412.4	4266242.72	8.32E-08	2.86E-08	1.12E-07	6.95E-08	2.14E-08	9.09E-08	1.65E-08	5.48E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
8567	625408.5	4266251.69	8.34E-08	2.87E-08	1.12E-07	6.97E-08	2.15E-08	9.12E-08	1.65E-08	5.50E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
8568	625404.61	4266260.66	8.36E-08	2.88E-08	1.12E-07	6.99E-08	2.15E-08	9.14E-08	1.66E-08	5.51E-09	2.21E-08	1.29E-08	2.65E-09	1.56E-08
8569	625400.72	4266269.63	8.38E-08	2.88E-08	1.13E-07	7.01E-08	2.16E-08	9.17E-08	1.66E-08	5.52E-09	2.21E-08	1.29E-08	2.66E-09	1.56E-08
8570	625396.82	4266278.6	8.40E-08	2.89E-08	1.13E-07	7.02E-08	2.16E-08	9.18E-08	1.66E-08	5.53E-09	2.22E-08	1.30E-08	2.67E-09	1.56E-08
8571	625392.93	4266287.57	8.41E-08	2.89E-08	1.13E-07	7.03E-08	2.17E-08	9.20E-08	1.66E-08	5.54E-09	2.22E-08	1.30E-08	2.67E-09	1.56E-08
8572	625357.89	4266368.3	8.57E-08	2.95E-08	1.15E-07	7.16E-08	2.21E-08	9.37E-08	1.70E-08	5.64E-09	2.26E-08	1.32E-08	2.72E-09	1.59E-08
8573	625353.99	4266377.27	8.60E-08	2.96E-08	1.16E-07	7.19E-08	2.22E-08	9.41E-08	1.70E-08	5.67E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
8574	625350.1	4266386.24	8.65E-08	2.97E-08	1.16E-07	7.23E-08	2.23E-08	9.45E-08	1.71E-08	5.70E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
8575	625346.21	4266395.21	8.69E-08	2.99E-08	1.17E-07	7.26E-08	2.24E-08	9.50E-08	1.72E-08	5.73E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
8576	625342.31	4266404.19	8.74E-08	3.01E-08	1.17E-07	7.31E-08	2.25E-08	9.56E-08	1.73E-08	5.76E-09	2.31E-08	1.35E-08	2.77E-09	1.63E-08
8577	625338.42	4266413.16	8.79E-08	3.02E-08	1.18E-07	7.35E-08	2.26E-08	9.61E-08	1.74E-08	5.79E-09	2.32E-08	1.36E-08	2.79E-09	1.64E-08
8578	625334.53	4266422.13	8.85E-08	3.04E-08	1.19E-07	7.40E-08	2.28E-08	9.68E-08	1.75E-08	5.83E-09	2.33E-08	1.37E-08	2.81E-09	1.65E-08
8579	625330.63	4266431.1	8.91E-08	3.06E-08	1.20E-07	7.45E-08	2.29E-08	9.74E-08	1.76E-08	5.87E-09	2.35E-08	1.37E-08	2.83E-09	1.66E-08
8580	625326.74	4266440.07	8.97E-08	3.08E-08	1.21E-07	7.50E-08	2.31E-08	9.81E-08	1.78E-08	5.91E-09	2.37E-08	1.38E-08	2.85E-09	1.67E-08
8581	625322.85	4266449.04	9.03E-08	3.11E-08	1.21E-07	7.55E-08	2.33E-08	9.88E-08	1.79E-08	5.95E-09	2.38E-08	1.39E-08	2.87E-09	1.68E-08
8582	625318.95	4266458.01	9.10E-08	3.13E-08	1.22E-07	7.60E-08	2.34E-08	9.95E-08	1.80E-08	5.99E-09	2.40E-08	1.40E-08	2.89E-09	1.69E-08
8583	625315.06	4266466.98	9.16E-08	3.15E-08	1.23E-07	7.66E-08	2.36E-08	1.00E-07	1.81E-08	6.04E-09	2.42E-08	1.41E-08	2.91E-09	1.70E-08
8584	625311.16	4266475.95	9.23E-08	3.17E-08	1.24E-07	7.71E-08	2.38E-08	1.01E-07	1.83E-08	6.08E-09	2.43E-08	1.42E-08	2.93E-09	1.72E-08
8585	625307.27	4266484.92	9.29E-08	3.20E-08	1.25E-07	7.77E-08	2.39E-08	1.02E-07	1.84E-08	6.12E-09	2.45E-08	1.43E-08	2.95E-09	1.73E-08
8586	625303.38	4266493.89	9.36E-08	3.22E-08	1.26E-07	7.82E-08	2.41E-08	1.02E-07	1.85E-08	6.16E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08
8587	625299.48	4266502.86	9.42E-08	3.24E-08	1.27E-07	7.87E-08	2.43E-08	1.03E-07	1.86E-08	6.21E-09	2.49E-08	1.45E-08	2.99E-09	1.75E-08
8588	625295.59	4266511.83	9.48E-08	3.26E-08	1.27E-07	7.93E-08	2.44E-08	1.04E-07	1.88E-08	6.25E-09	2.50E-08	1.46E-08	3.01E-09	1.76E-08
8589	625291.7	4266520.8	9.54E-08	3.28E-08	1.28E-07	7.98E-08	2.46E-08	1.04E-07	1.89E-08	6.29E-09	2.52E-08	1.47E-08	3.03E-09	1.78E-08
8590	625287.8	4266529.77	9.60E-08	3.30E-08	1.29E-07	8.03E-08	2.47E-08	1.05E-07	1.90E-08	6.33E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
8591	625283.91	4266538.74	9.66E-08	3.32E-08	1.30E-07	8.07E-08	2.49E-08	1.06E-07	1.91E-08	6.36E-09	2.55E-08	1.49E-08	3.06E-09	1.80E-08
8592	625280.02	4266547.71	9.71E-08	3.34E-08	1.31E-07	8.12E-08	2.50E-08	1.06E-07	1.92E-08	6.40E-09	2.56E-08	1.50E-08	3.08E-09	1.81E-08
8593	625276.12	4266556.68	9.76E-08	3.36E-08	1.31E-07	8.16E-08	2.51E-08	1.07E-07	1.93E-08	6.43E-09	2.58E-08	1.51E-08	3.10E-09	1.82E-08
8594	625272.23	4266565.65	9.81E-08	3.37E-08	1.32E-07	8.20E-08	2.53E-08	1.07E-07	1.94E-08	6.46E-09	2.59E-08	1.51E-08	3.11E-09	1.83E-08
8595	625268.34	4266574.62	9.86E-08	3.39E-08	1.32E-07	8.24E-08	2.54E-08	1.08E-07	1.95E-08	6.49E-09	2.60E-08	1.52E-08	3.13E-09	1.83E-08
8596	625255.34	4266587.17	1.01E-07	3.47E-08	1.36E-07	8.43E-08	2.60E-08	1.10E-07	2.00E-08	6.64E-09	2.66E-08	1.56E-08	3.20E-09	1.88E-08
8597	625246.24	4266590.76	1.03E-07	3.53E-08	1.38E-07	8.59E-08	2.65E-08	1.12E-07	2.03E-08	6.77E-09	2.71E-08	1.59E-08	3.26E-09	1.91E-08
8598	625237.15	4266594.34	1.05E-07	3.60E-08	1.41E-07	8.75E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
8599	625228.05	4266597.93	1.07E-07	3.66E-08	1.43E-07	8.91E-08	2.74E-08	1.16E-07	2.11E-08	7.02E-09	2.81E-08	1.64E-08	3.38E-09	1.98E-08
8600	625218.95	4266601.51	1.08E-07	3.73E-08	1.46E-07	9.06E-08	2.79E-08	1.19E-07	2.15E-08	7.15E-09	2.86E-08	1.67E-08	3.44E-09	2.02E-08
8601	625209.85	4266605.09	1.10E-07	3.80E-08	1.48E-07	9.23E-08	2.84E-08	1.21E-07	2.18E-08	7.27E-09	2.91E-08	1.70E-08	3.50E-09	2.05E-08
8602	625200.75	4266608.68	1.12E-07	3.86E-08	1.51E-07	9.38E-08	2.89E-08	1.23E-07	2.22E-08	7.40E-09	2.96E-08	1.73E-08	3.56E-09	2.09E-08
8603	625191.65	4266612.26	1.14E-07	3.93E-08	1.53E-07	9.54E-08	2.94E-08	1.25E-07	2.26E-08	7.52E-09	3.01E-08	1.76E-08	3.62E-09	2.12E-08
8604	625182.55	4266615.84	1.16E-07	3.99E-08	1.56E-07	9.70E-08	2.99E-08	1.27E-07	2.30E-08	7.65E-09	3.06E-08	1.79E-08	3.68E-09	2.16E-08
8605	625173.46	4266619.43	1.18E-07	4.06E-08	1.58E-07	9.86E-08	3.04E-08	1.29E-07	2.33E-08	7.77E-09	3.11E-08	1.82E-08	3.74E-09	2.19E-08
8606	625164.36	4266623.01	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.08E-08	1.31E-07	2.37E-08	7.89E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
8607	625155.26	4266626.59	1.22E-07	4.18E-08	1.63E-07	1.02E-07	3.13E-08	1.33E-07	2.41E-08	8.01E-09	3.21E-08	1.88E-08	3.86E-09	2.26E-08
8608	625146.16	4266630.18	1.23E-07	4.24E-08	1.66E-07	1.03E-07	3.18E-08	1.35E-07	2.44E-08	8.13E-09	3.25E-08	1.90E-08	3.92E-09	2.30E-08
8609	625137.06	4266633.76	1.25E-07	4.30E-08	1.68E-07	1.05E-07	3.22E-08	1.37E-07	2.48E-08	8.24E-09	3.30E-08	1.93E-08	3.97E-09	2.33E-08
8610	625127.96	4266637.34	1.27E-07	4.36E-08	1.70E-07	1.06E-07	3.27E-08	1.39E-07	2.51E-08	8.36E-09	3.35E-08	1.96E-08	4.02E-09	2.36E-08
8611	625118.86	4266640.93	1.29E-07	4.42E-08	1.73E-07	1.07E-07	3.31E-08	1.40E-07	2.54E-08	8.47E-09	3.39E-08	1.98E-08	4.08E-09	2.39E-08
8612	625109.77	4266644.51	1.30E-07	4.48E-08	1.75E-07	1.09E-07	3.35E-08	1.42E-07	2.58E-08	8.57E-09	3.43E-08	2.01E-08	4.13E-09	2.42E-08
8613	625100.67	4266648.09	1.32E-07	4.53E-08	1.77E-07	1.10E-07	3.39E-08	1.44E-07	2.61E-08	8.68E-09	3.48E-08	2.03E-08	4.18E-09	2.45E-08
8614	625091.57	4266651.68	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.78E-09	3.52E-08	2.06E-08	4.23E-09	2.48E-08
8615	625082.47	4266655.26	1.35E-07	4.63E-08	1.81E-07	1.13E-07	3.47E-08	1.47E-07	2.67E-08	8.88E-09	3.56E-08	2.08E-08	4.28E-09	2.51E-08
8616	625073.37	4266658.84	1.36E-07	4.68E-08	1.83E-07	1.14E-07	3.51E-08	1.49E-07	2.70E-08	8.97E-09	3.59E-08	2.10E-08	4.32E-09	2.53E-08
8617	625064.27	4266662.43	1.38E-07	4.73E-08	1.85E-07	1.15E-07	3.54E-08	1.50E-07	2.72E-08	9.06E-09	3.63E-08	2.12E-08	4.37E-09	2.56E-08
8618	625055.17	4266666.01	1.39E-07	4.78E-08	1.87E-07	1.16E-07	3.58E-08	1.52E-07	2.75E-08	9.15E-09	3.66E-08	2.14E-08	4.41E-09	2.58E-08
8619	625046.08	4266669.59	1.40E-07	4.82E-08	1.88E-07	1.17E-07	3.61E-08	1.53E-07	2.77E-08	9.23E-09	3.70E-08	2.16E-08	4.45E-09	2.61E-08
8620	625036.98	4266673.18	1.41E-07	4.86E-08	1.90E-07	1.18E-07	3.64E-08	1.54E-07	2.80E-08	9.31E-09	3.73E-08	2.18E-08	4.48E-09	2.63E-08
8621	625027.88	4266676.76	1.42E-07	4.89E-08	1.91E-07	1.19E-07	3.66E-08	1.56E-07	2.82E-08	9.38E-09	3.75E-08	2.20E-08	4.52E-09	2.65E-08
8622	625018.78	4266680.34	1.43E-07	4.93E-08	1.93E-07	1.20E-07	3.69E-08	1.57E-07	2.84E-08	9.44E-09	3.78E-08	2.21E-08	4.55E-09	2.67E-08
8623	625009.68	4266683.93	1.44E-07	4.96E-08	1.94E-07	1.21E-07	3.71E-08	1.58E-07	2.85E-08	9.50E-09	3.80E-08	2.22E-08	4.58E-09	2.68E-08
8624	625000.58	4266687.51	1.45E-07	4.99E-08	1.95E-07	1.21E-07	3.73E-08	1.59E-07	2.87E-08	9.55E-09	3.83E-08	2.24E-08	4.60E-09	2.70E-08
8625	624991.48	4266691.1	1.46E-07	5.01E-08	1.96E-07	1.22E-07	3.75E-08	1.59E-07	2.88E-08	9.60E-09	3.85E-08	2.25E-08	4.63E-09	2.71E-08
8626	624982.38	4266694.68	1.46E-07	5.03E-08	1.97E-07	1.22E-07	3.77E-08	1.60E-07	2.90E-08	9.65E-09	3.86E-08	2.26E-08	4.65E-09	2.72E-08
8627	624973.29	4266698.26	1.47E-07	5.05E-08	1.97E-07	1.23E-07	3.78E-08	1.61E-07	2.91E-08	9.68E-09	3.88E-08	2.27E-08	4.66E-09	2.73E-08
8628	624964.19	4266701.85	1.47E-07	5.07E-08	1.98E-07	1.23E-07	3.80E-08	1.61E-07	2.92E-08	9.71E-09	3.89E-08	2.27E-08	4.68E-09	2.74E-08
8629	624955.09	4266705.43	1.48E-07	5.08E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.74E-09	3.90E-08	2.28E-08	4.69E-09	2.75E-08
8630	624945.99	4266709.01	1.48E-07	5.09E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.76E-09	3.91E-08	2.29E-08	4.70E-09	2.76E-08
8631	624936.89	4266712.6	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.94E-08	9.77E-09	3.91E-08	2.29E-08	4.71E-09	2.76E-08
8632	624927.79	4266716.18	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.94E-08	9.78E-09	3.91E-08	2.29E-08	4.71E-09	2.76E-08
8633	624918.69	4266719.76	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.94E-08	9.78E-09	3.91E-08	2.29E-08	4.71E-09	2.76E-08
8634	624909.6	4266723.35	1.48E-07	5.10E-08	1.99E-07	1.24E-07	3.82E-08	1.62E-07	2.94E-08	9.77E-09	3.91E-08	2.29E-08	4.71E-09	2.76E-08
8635	624900.5	4266726.93	1.48E-07	5.09E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.76E-09	3.91E-08	2.29E-08	4.70E-09	2.76E-08
8636	624891.4	4266730.51	1.48E-07	5.08E-08	1.99E-07	1.24E-07	3.81E-08	1.62E-07	2.93E-08	9.74E-09	3.90E-08	2.28E-08	4.69E-09	2.75E-08

8637	624882.3	4266734.1	1.48E-07	5.07E-08	1.98E-07	1.23E-07	3.80E-08	1.61E-07	2.92E-08	9.72E-09	3.89E-08	2.28E-08	4.68E-09	2.74E-08
8638	624873.2	4266737.68	1.47E-07	5.06E-08	1.98E-07	1.23E-07	3.79E-08	1.61E-07	2.91E-08	9.69E-09	3.88E-08	2.27E-08	4.67E-09	2.74E-08
8639	624864.1	4266741.26	1.47E-07	5.04E-08	1.97E-07	1.23E-07	3.78E-08	1.60E-07	2.90E-08	9.66E-09	3.87E-08	2.26E-08	4.66E-09	2.73E-08
8640	624855	4266744.85	1.46E-07	5.03E-08	1.96E-07	1.22E-07	3.76E-08	1.60E-07	2.89E-08	9.63E-09	3.86E-08	2.26E-08	4.64E-09	2.72E-08
8641	624845.91	4266748.43	1.46E-07	5.01E-08	1.96E-07	1.22E-07	3.75E-08	1.59E-07	2.88E-08	9.60E-09	3.84E-08	2.25E-08	4.62E-09	2.71E-08
8642	625447.44	4266161.99	7.92E-08	2.72E-08	1.06E-07	6.62E-08	2.04E-08	8.65E-08	1.57E-08	5.22E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
8643	625447.6	4266152.05	7.92E-08	2.72E-08	1.06E-07	6.62E-08	2.04E-08	8.65E-08	1.57E-08	5.22E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
8644	625447.77	4266142.12	7.91E-08	2.72E-08	1.06E-07	6.62E-08	2.04E-08	8.65E-08	1.57E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
8645	625447.93	4266132.19	7.91E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.65E-08	1.57E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
8646	625448.09	4266122.25	7.91E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.65E-08	1.57E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
8647	625448.26	4266112.32	7.91E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.65E-08	1.57E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
8648	625448.42	4266102.39	7.91E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.65E-08	1.57E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
8649	625448.58	4266092.45	7.92E-08	2.72E-08	1.06E-07	6.62E-08	2.04E-08	8.66E-08	1.57E-08	5.22E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
8650	625448.75	4266082.52	7.92E-08	2.73E-08	1.06E-07	6.62E-08	2.04E-08	8.66E-08	1.57E-08	5.22E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
8651	625448.91	4266072.59	7.93E-08	2.73E-08	1.07E-07	6.63E-08	2.04E-08	8.67E-08	1.57E-08	5.23E-09	2.09E-08	1.22E-08	2.52E-09	1.48E-08
8652	625449.07	4266062.65	7.95E-08	2.73E-08	1.07E-07	6.64E-08	2.05E-08	8.69E-08	1.57E-08	5.23E-09	2.10E-08	1.23E-08	2.52E-09	1.48E-08
8653	625449.24	4266052.72	7.96E-08	2.74E-08	1.07E-07	6.65E-08	2.05E-08	8.70E-08	1.58E-08	5.24E-09	2.10E-08	1.23E-08	2.53E-09	1.48E-08
8654	625449.4	4266042.79	7.97E-08	2.74E-08	1.07E-07	6.66E-08	2.05E-08	8.72E-08	1.58E-08	5.25E-09	2.10E-08	1.23E-08	2.53E-09	1.48E-08
8655	625449.56	4266032.85	7.99E-08	2.75E-08	1.07E-07	6.68E-08	2.06E-08	8.73E-08	1.58E-08	5.26E-09	2.11E-08	1.23E-08	2.53E-09	1.49E-08
8656	625449.73	4266022.92	8.00E-08	2.75E-08	1.08E-07	6.69E-08	2.06E-08	8.75E-08	1.58E-08	5.27E-09	2.11E-08	1.23E-08	2.54E-09	1.49E-08
8657	625449.89	4266012.99	8.02E-08	2.76E-08	1.08E-07	6.70E-08	2.06E-08	8.77E-08	1.59E-08	5.28E-09	2.12E-08	1.24E-08	2.54E-09	1.49E-08
8658	625450.06	4266003.05	8.03E-08	2.76E-08	1.08E-07	6.71E-08	2.07E-08	8.78E-08	1.59E-08	5.29E-09	2.12E-08	1.24E-08	2.55E-09	1.49E-08
8659	625450.22	4265993.12	8.05E-08	2.77E-08	1.08E-07	6.73E-08	2.07E-08	8.80E-08	1.59E-08	5.30E-09	2.12E-08	1.24E-08	2.55E-09	1.50E-08
8660	625450.38	4265983.19	8.06E-08	2.77E-08	1.08E-07	6.74E-08	2.08E-08	8.82E-08	1.60E-08	5.31E-09	2.13E-08	1.24E-08	2.56E-09	1.50E-08
8661	625450.55	4265973.25	8.08E-08	2.78E-08	1.09E-07	6.75E-08	2.08E-08	8.83E-08	1.60E-08	5.32E-09	2.13E-08	1.25E-08	2.56E-09	1.50E-08
8662	625450.71	4265963.32	8.09E-08	2.78E-08	1.09E-07	6.76E-08	2.08E-08	8.85E-08	1.60E-08	5.33E-09	2.13E-08	1.25E-08	2.57E-09	1.51E-08
8663	625450.87	4265953.39	8.10E-08	2.79E-08	1.09E-07	6.77E-08	2.09E-08	8.86E-08	1.60E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
8664	625451.04	4265943.45	8.11E-08	2.79E-08	1.09E-07	6.78E-08	2.09E-08	8.87E-08	1.61E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
8665	625451.2	4265933.52	8.12E-08	2.79E-08	1.09E-07	6.78E-08	2.09E-08	8.87E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
8666	625451.36	4265923.59	8.12E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.88E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
8667	625451.53	4265913.65	8.12E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.88E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
8668	625451.69	4265903.72	8.12E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.88E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
8669	625451.85	4265893.79	8.12E-08	2.79E-08	1.09E-07	6.78E-08	2.09E-08	8.87E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
8670	625452.02	4265883.85	8.11E-08	2.79E-08	1.09E-07	6.78E-08	2.09E-08	8.87E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
8671	625452.18	4265873.92	8.11E-08	2.79E-08	1.09E-07	6.78E-08	2.09E-08	8.86E-08	1.60E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
8672	625452.34	4265863.99	8.10E-08	2.79E-08	1.09E-07	6.77E-08	2.09E-08	8.86E-08	1.60E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
8673	625452.51	4265854.05	8.10E-08	2.79E-08	1.09E-07	6.77E-08	2.09E-08	8.86E-08	1.60E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
8674	625452.67	4265844.12	8.10E-08	2.78E-08	1.09E-07	6.77E-08	2.08E-08	8.85E-08	1.60E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
8675	625452.84	4265834.19	8.10E-08	2.79E-08	1.09E-07	6.77E-08	2.09E-08	8.86E-08	1.60E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
8676	625453	4265824.25	8.10E-08	2.79E-08	1.09E-07	6.77E-08	2.09E-08	8.86E-08	1.60E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
8677	625453.16	4265814.32	8.11E-08	2.79E-08	1.09E-07	6.78E-08	2.09E-08	8.87E-08	1.61E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
8678	625453.33	4265804.39	8.13E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.88E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
8679	625453.49	4265794.45	8.15E-08	2.80E-08	1.09E-07	6.81E-08	2.10E-08	8.91E-08	1.61E-08	5.37E-09	2.15E-08	1.26E-08	2.58E-09	1.52E-08
8680	625453.65	4265784.52	8.17E-08	2.81E-08	1.10E-07	6.83E-08	2.10E-08	8.93E-08	1.62E-08	5.38E-09	2.16E-08	1.26E-08	2.59E-09	1.52E-08
8681	625453.82	4265774.59	8.20E-08	2.82E-08	1.10E-07	6.85E-08	2.11E-08	8.96E-08	1.62E-08	5.40E-09	2.16E-08	1.26E-08	2.60E-09	1.53E-08
8682	625453.98	4265764.65	8.23E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	9.00E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
8683	625454.14	4265754.72	8.27E-08	2.84E-08	1.11E-07	6.91E-08	2.13E-08	9.04E-08	1.64E-08	5.45E-09	2.18E-08	1.28E-08	2.62E-09	1.54E-08
8684	625454.31	4265744.79	8.31E-08	2.86E-08	1.12E-07	6.95E-08	2.14E-08	9.09E-08	1.65E-08	5.48E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
8685	625454.47	4265734.85	8.36E-08	2.87E-08	1.12E-07	6.99E-08	2.15E-08	9.14E-08	1.65E-08	5.51E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
8686	625454.63	4265724.92	8.41E-08	2.89E-08	1.13E-07	7.03E-08	2.16E-08	9.19E-08	1.66E-08	5.54E-09	2.22E-08	1.30E-08	2.67E-09	1.56E-08
8687	625454.8	4265714.99	8.46E-08	2.91E-08	1.14E-07	7.07E-08	2.18E-08	9.24E-08	1.67E-08	5.57E-09	2.23E-08	1.30E-08	2.68E-09	1.57E-08
8688	625454.96	4265705.05	8.51E-08	2.93E-08	1.14E-07	7.11E-08	2.19E-08	9.30E-08	1.68E-08	5.60E-09	2.24E-08	1.31E-08	2.70E-09	1.58E-08
8689	625455.13	4265695.12	8.56E-08	2.94E-08	1.15E-07	7.15E-08	2.20E-08	9.36E-08	1.69E-08	5.64E-09	2.26E-08	1.32E-08	2.72E-09	1.59E-08
8690	625455.29	4265685.19	8.61E-08	2.96E-08	1.16E-07	7.19E-08	2.22E-08	9.41E-08	1.70E-08	5.67E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
8691	625485.77	4266189.68	7.37E-08	2.53E-08	9.90E-08	6.16E-08	1.90E-08	8.06E-08	1.46E-08	4.85E-09	1.94E-08	1.14E-08	2.34E-09	1.37E-08
8692	625481.88	4266198.63	7.41E-08	2.55E-08	9.96E-08	6.19E-08	1.91E-08	8.10E-08	1.47E-08	4.88E-09	1.95E-08	1.14E-08	2.35E-09	1.38E-08
8693	625478	4266207.59	7.45E-08	2.56E-08	1.00E-07	6.23E-08	1.92E-08	8.15E-08	1.47E-08	4.91E-09	1.97E-08	1.15E-08	2.36E-09	1.39E-08
8694	625474.11	4266216.54	7.49E-08	2.58E-08	1.01E-07	6.26E-08	1.93E-08	8.19E-08	1.48E-08	4.93E-09	1.98E-08	1.16E-08	2.38E-09	1.39E-08
8695	625470.22	4266225.5	7.52E-08	2.59E-08	1.01E-07	6.29E-08	1.94E-08	8.22E-08	1.49E-08	4.96E-09	1.98E-08	1.16E-08	2.39E-09	1.40E-08
8696	625466.33	4266234.46	7.55E-08	2.60E-08	1.01E-07	6.31E-08	1.94E-08	8.25E-08	1.49E-08	4.97E-09	1.99E-08	1.16E-08	2.40E-09	1.40E-08
8697	625462.45	4266243.41	7.57E-08	2.60E-08	1.02E-07	6.33E-08	1.95E-08	8.28E-08	1.50E-08	4.99E-09	2.00E-08	1.17E-08	2.40E-09	1.41E-08
8698	625458.56	4266252.37	7.59E-08	2.61E-08	1.02E-07	6.34E-08	1.95E-08	8.30E-08	1.50E-08	5.00E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
8699	625454.67	4266261.32	7.61E-08	2.62E-08	1.02E-07	6.36E-08	1.96E-08	8.31E-08	1.51E-08	5.01E-09	2.01E-08	1.17E-08	2.41E-09	1.41E-08
8700	625450.79	4266270.28	7.62E-08	2.62E-08	1.02E-07	6.37E-08	1.96E-08	8.33E-08	1.51E-08	5.02E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
8701	625446.9	4266279.23	7.63E-08	2.62E-08	1.03E-07	6.38E-08	1.96E-08	8.34E-08	1.51E-08	5.03E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
8702	625443.01	4266288.19	7.63E-08	2.63E-08	1.03E-07	6.38E-08	1.97E-08	8.35E-08	1.51E-08	5.03E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
8703	625408.03	4266368.79	7.68E-08	2.64E-08	1.03E-07	6.42E-08	1.98E-08	8.40E-08	1.52E-08	5.06E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
8704	625404.14	4266377.75	7.70E-08	2.65E-08	1.04E-07	6.44E-08	1.98E-08	8.42E-08	1.52E-08	5.08E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
8705	625400.25	4266386.7	7.73E-08	2.66E-08	1.04E-07	6.46E-08	1.99E-08	8.45E-08	1.53E-08	5.09E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
8706	625396.37	4266395.66	7.76E-08	2.67E-08	1.04E-07	6.48E-08	2.00E-08	8.48E-08	1.54E-08	5.11E-09	2.05E-08	1.20E-08	2.46E-09	1.44E-08
8707	625392.48	4266404.61	7.79E-08	2.68E-08	1.05E-07	6.51E-08	2.01E-08	8.52E-08	1.54E-08	5.13E-09	2.06E-08	1.20E-08	2.47E-09	1.45E-08
8708	625388.59	4266413.57	7.83E-08	2.69E-08	1.05E-07	6.54E-08	2.02E-08	8.56E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.48E-09	1.46E-08

8709	625384.7	4266422.52	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.60E-08	1.56E-08	5.18E-09	2.08E-08	1.21E-08	2.50E-09	1.46E-08
8710	625380.82	4266431.48	7.91E-08	2.72E-08	1.06E-07	6.61E-08	2.04E-08	8.65E-08	1.57E-08	5.21E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
8711	625376.93	4266440.44	7.96E-08	2.74E-08	1.07E-07	6.65E-08	2.05E-08	8.70E-08	1.58E-08	5.25E-09	2.10E-08	1.23E-08	2.53E-09	1.48E-08
8712	625373.04	4266449.39	8.01E-08	2.75E-08	1.08E-07	6.70E-08	2.06E-08	8.76E-08	1.59E-08	5.28E-09	2.11E-08	1.24E-08	2.54E-09	1.49E-08
8713	625369.15	4266458.35	8.06E-08	2.77E-08	1.08E-07	6.74E-08	2.08E-08	8.82E-08	1.60E-08	5.31E-09	2.13E-08	1.24E-08	2.56E-09	1.50E-08
8714	625365.27	4266467.3	8.12E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.88E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
8715	625361.38	4266476.26	8.17E-08	2.81E-08	1.10E-07	6.83E-08	2.10E-08	8.94E-08	1.62E-08	5.39E-09	2.16E-08	1.26E-08	2.59E-09	1.52E-08
8716	625357.49	4266485.21	8.23E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	9.00E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
8717	625353.61	4266494.17	8.29E-08	2.85E-08	1.11E-07	6.93E-08	2.13E-08	9.06E-08	1.64E-08	5.46E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
8718	625349.72	4266503.12	8.35E-08	2.87E-08	1.12E-07	6.98E-08	2.15E-08	9.13E-08	1.65E-08	5.50E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
8719	625345.83	4266512.08	8.41E-08	2.89E-08	1.13E-07	7.03E-08	2.16E-08	9.19E-08	1.66E-08	5.54E-09	2.22E-08	1.30E-08	2.67E-09	1.56E-08
8720	625341.94	4266521.04	8.46E-08	2.91E-08	1.14E-07	7.08E-08	2.18E-08	9.25E-08	1.68E-08	5.58E-09	2.23E-08	1.31E-08	2.69E-09	1.57E-08
8721	625338.06	4266529.99	8.52E-08	2.93E-08	1.15E-07	7.12E-08	2.19E-08	9.32E-08	1.69E-08	5.61E-09	2.25E-08	1.32E-08	2.70E-09	1.59E-08
8722	625334.17	4266538.95	8.58E-08	2.95E-08	1.15E-07	7.17E-08	2.21E-08	9.38E-08	1.70E-08	5.65E-09	2.26E-08	1.32E-08	2.72E-09	1.60E-08
8723	625330.28	4266547.9	8.63E-08	2.97E-08	1.16E-07	7.22E-08	2.22E-08	9.44E-08	1.71E-08	5.69E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
8724	625326.4	4266556.86	8.69E-08	2.99E-08	1.17E-07	7.26E-08	2.24E-08	9.50E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
8725	625322.51	4266565.81	8.74E-08	3.00E-08	1.17E-07	7.30E-08	2.25E-08	9.55E-08	1.73E-08	5.76E-09	2.31E-08	1.35E-08	2.77E-09	1.63E-08
8726	625318.62	4266574.77	8.79E-08	3.02E-08	1.18E-07	7.35E-08	2.26E-08	9.61E-08	1.74E-08	5.79E-09	2.32E-08	1.36E-08	2.79E-09	1.63E-08
8727	625314.73	4266583.73	8.83E-08	3.04E-08	1.19E-07	7.38E-08	2.27E-08	9.66E-08	1.75E-08	5.82E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
8728	625310.85	4266592.68	8.88E-08	3.05E-08	1.19E-07	7.42E-08	2.29E-08	9.71E-08	1.76E-08	5.85E-09	2.34E-08	1.37E-08	2.82E-09	1.65E-08
8729	625306.96	4266601.64	8.92E-08	3.07E-08	1.20E-07	7.46E-08	2.30E-08	9.75E-08	1.77E-08	5.88E-09	2.35E-08	1.38E-08	2.83E-09	1.66E-08
8730	625303.07	4266610.59	8.96E-08	3.08E-08	1.20E-07	7.49E-08	2.31E-08	9.80E-08	1.77E-08	5.90E-09	2.36E-08	1.38E-08	2.84E-09	1.67E-08
8731	625290.1	4266623.13	9.16E-08	3.15E-08	1.23E-07	7.65E-08	2.36E-08	1.00E-07	1.81E-08	6.03E-09	2.42E-08	1.41E-08	2.91E-09	1.70E-08
8732	625281.02	4266626.7	9.32E-08	3.20E-08	1.25E-07	7.79E-08	2.40E-08	1.02E-07	1.84E-08	6.14E-09	2.46E-08	1.44E-08	2.96E-09	1.73E-08
8733	625271.93	4266630.28	9.48E-08	3.26E-08	1.27E-07	7.92E-08	2.44E-08	1.04E-07	1.88E-08	6.25E-09	2.50E-08	1.46E-08	3.01E-09	1.76E-08
8734	625262.85	4266633.86	9.64E-08	3.32E-08	1.30E-07	8.06E-08	2.48E-08	1.05E-07	1.91E-08	6.35E-09	2.54E-08	1.49E-08	3.06E-09	1.79E-08
8735	625253.77	4266637.44	9.81E-08	3.37E-08	1.32E-07	8.20E-08	2.52E-08	1.07E-07	1.94E-08	6.46E-09	2.59E-08	1.51E-08	3.11E-09	1.82E-08
8736	625244.68	4266641.01	9.97E-08	3.43E-08	1.34E-07	8.33E-08	2.57E-08	1.09E-07	1.97E-08	6.57E-09	2.63E-08	1.54E-08	3.16E-09	1.85E-08
8737	625235.6	4266644.59	1.01E-07	3.48E-08	1.36E-07	8.47E-08	2.61E-08	1.11E-07	2.01E-08	6.68E-09	2.67E-08	1.56E-08	3.22E-09	1.88E-08
8738	625226.52	4266648.17	1.03E-07	3.54E-08	1.38E-07	8.60E-08	2.65E-08	1.13E-07	2.04E-08	6.78E-09	2.72E-08	1.59E-08	3.27E-09	1.91E-08
8739	625217.43	4266651.75	1.05E-07	3.59E-08	1.40E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.94E-08
8740	625208.35	4266655.32	1.06E-07	3.65E-08	1.43E-07	8.87E-08	2.73E-08	1.16E-07	2.10E-08	6.99E-09	2.80E-08	1.64E-08	3.37E-09	1.97E-08
8741	625199.26	4266658.9	1.08E-07	3.70E-08	1.45E-07	9.00E-08	2.77E-08	1.18E-07	2.13E-08	7.10E-09	2.84E-08	1.66E-08	3.42E-09	2.00E-08
8742	625190.18	4266662.48	1.09E-07	3.76E-08	1.47E-07	9.13E-08	2.81E-08	1.19E-07	2.16E-08	7.20E-09	2.88E-08	1.69E-08	3.47E-09	2.03E-08
8743	625181.1	4266666.06	1.11E-07	3.81E-08	1.49E-07	9.26E-08	2.85E-08	1.21E-07	2.19E-08	7.30E-09	2.92E-08	1.71E-08	3.52E-09	2.06E-08
8744	625172.01	4266669.63	1.12E-07	3.86E-08	1.51E-07	9.39E-08	2.89E-08	1.23E-07	2.22E-08	7.40E-09	2.96E-08	1.73E-08	3.56E-09	2.09E-08
8745	625162.93	4266673.21	1.14E-07	3.91E-08	1.53E-07	9.51E-08	2.93E-08	1.24E-07	2.25E-08	7.50E-09	3.00E-08	1.76E-08	3.61E-09	2.12E-08
8746	625153.85	4266676.79	1.15E-07	3.96E-08	1.55E-07	9.63E-08	2.97E-08	1.26E-07	2.28E-08	7.59E-09	3.04E-08	1.78E-08	3.66E-09	2.14E-08
8747	625144.76	4266680.37	1.17E-07	4.01E-08	1.57E-07	9.75E-08	3.00E-08	1.28E-07	2.31E-08	7.69E-09	3.08E-08	1.80E-08	3.70E-09	2.17E-08
8748	625135.68	4266683.95	1.18E-07	4.06E-08	1.59E-07	9.87E-08	3.04E-08	1.29E-07	2.34E-08	7.78E-09	3.11E-08	1.82E-08	3.75E-09	2.20E-08
8749	625126.59	4266687.52	1.19E-07	4.11E-08	1.60E-07	9.98E-08	3.07E-08	1.31E-07	2.36E-08	7.87E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
8750	625117.51	4266691.1	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.95E-09	3.19E-08	1.86E-08	3.83E-09	2.25E-08
8751	625108.43	4266694.68	1.22E-07	4.20E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.42E-08	8.04E-09	3.22E-08	1.88E-08	3.87E-09	2.27E-08
8752	625099.34	4266698.26	1.23E-07	4.24E-08	1.66E-07	1.03E-07	3.17E-08	1.35E-07	2.44E-08	8.12E-09	3.25E-08	1.90E-08	3.91E-09	2.29E-08
8753	625090.26	4266701.83	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.20E-09	3.28E-08	1.92E-08	3.95E-09	2.31E-08
8754	625081.18	4266705.41	1.26E-07	4.32E-08	1.69E-07	1.05E-07	3.23E-08	1.37E-07	2.48E-08	8.27E-09	3.31E-08	1.94E-08	3.98E-09	2.34E-08
8755	625072.09	4266708.99	1.27E-07	4.35E-08	1.70E-07	1.06E-07	3.26E-08	1.38E-07	2.51E-08	8.34E-09	3.34E-08	1.95E-08	4.02E-09	2.36E-08
8756	625063.01	4266712.57	1.28E-07	4.39E-08	1.71E-07	1.07E-07	3.29E-08	1.40E-07	2.53E-08	8.41E-09	3.37E-08	1.97E-08	4.05E-09	2.37E-08
8757	625053.92	4266716.14	1.29E-07	4.42E-08	1.73E-07	1.07E-07	3.31E-08	1.41E-07	2.54E-08	8.47E-09	3.39E-08	1.98E-08	4.08E-09	2.39E-08
8758	625044.84	4266719.72	1.29E-07	4.45E-08	1.74E-07	1.08E-07	3.33E-08	1.41E-07	2.56E-08	8.53E-09	3.41E-08	2.00E-08	4.11E-09	2.41E-08
8759	625035.76	4266723.3	1.30E-07	4.48E-08	1.75E-07	1.09E-07	3.35E-08	1.42E-07	2.58E-08	8.58E-09	3.44E-08	2.01E-08	4.13E-09	2.42E-08
8760	625026.67	4266726.88	1.31E-07	4.50E-08	1.76E-07	1.09E-07	3.37E-08	1.43E-07	2.59E-08	8.63E-09	3.45E-08	2.02E-08	4.16E-09	2.44E-08
8761	625017.59	4266730.45	1.32E-07	4.53E-08	1.77E-07	1.10E-07	3.39E-08	1.44E-07	2.61E-08	8.67E-09	3.47E-08	2.03E-08	4.18E-09	2.45E-08
8762	625008.51	4266734.03	1.32E-07	4.55E-08	1.78E-07	1.11E-07	3.40E-08	1.45E-07	2.62E-08	8.71E-09	3.49E-08	2.04E-08	4.20E-09	2.46E-08
8763	624999.42	4266737.61	1.33E-07	4.57E-08	1.78E-07	1.11E-07	3.42E-08	1.45E-07	2.63E-08	8.75E-09	3.50E-08	2.05E-08	4.21E-09	2.47E-08
8764	624990.34	4266741.19	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.78E-09	3.52E-08	2.06E-08	4.23E-09	2.48E-08
8765	624981.25	4266744.76	1.34E-07	4.60E-08	1.80E-07	1.12E-07	3.44E-08	1.46E-07	2.65E-08	8.81E-09	3.53E-08	2.06E-08	4.24E-09	2.49E-08
8766	624972.17	4266748.34	1.34E-07	4.61E-08	1.80E-07	1.12E-07	3.45E-08	1.46E-07	2.65E-08	8.83E-09	3.53E-08	2.07E-08	4.25E-09	2.49E-08
8767	624963.09	4266751.92	1.34E-07	4.62E-08	1.80E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.84E-09	3.54E-08	2.07E-08	4.26E-09	2.50E-08
8768	624954	4266755.5	1.34E-07	4.62E-08	1.81E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.86E-09	3.55E-08	2.07E-08	4.27E-09	2.50E-08
8769	624944.92	4266759.08	1.35E-07	4.62E-08	1.81E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.86E-09	3.55E-08	2.08E-08	4.27E-09	2.50E-08
8770	624935.84	4266762.65	1.35E-07	4.63E-08	1.81E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.86E-09	3.55E-08	2.08E-08	4.27E-09	2.50E-08
8771	624926.75	4266766.23	1.34E-07	4.62E-08	1.81E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.86E-09	3.55E-08	2.07E-08	4.27E-09	2.50E-08
8772	624917.67	4266769.81	1.34E-07	4.62E-08	1.81E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.85E-09	3.54E-08	2.07E-08	4.26E-09	2.50E-08
8773	624908.58	4266773.39	1.34E-07	4.61E-08	1.80E-07	1.12E-07	3.45E-08	1.47E-07	2.65E-08	8.84E-09	3.54E-08	2.07E-08	4.26E-09	2.50E-08
8774	624899.5	4266776.96	1.34E-07	4.60E-08	1.80E-07	1.12E-07	3.45E-08	1.46E-07	2.65E-08	8.82E-09	3.53E-08	2.07E-08	4.25E-09	2.49E-08
8775	624890.42	4266780.54	1.34E-07	4.59E-08	1.79E-07	1.12E-07	3.44E-08	1.46E-07	2.64E-08	8.80E-09	3.52E-08	2.06E-08	4.24E-09	2.48E-08
8776	624881.33	4266784.12	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.77E-09	3.51E-08	2.05E-08	4.23E-09	2.48E-08
8777	624872.25	4266787.7	1.33E-07	4.56E-08	1.78E-07	1.11E-07	3.42E-08	1.45E-07	2.63E-08	8.74E-09	3.50E-08	2.05E-08	4.21E-09	2.47E-08
8778	624863.17	4266791.27	1.32E-07	4.55E-08	1.78E-07	1.11E-07	3.40E-08	1.45E-07	2.62E-08	8.71E-09	3.49E-08	2.04E-08	4.20E-09	2.46E-08
8779	624854.08	4266794.85	1.32E-07	4.53E-08	1.77E-07	1.10E-07	3.39E-08	1.44E-07	2.61E-08	8.68E-09	3.48E-08	2.03E-08	4.18E-09	2.45E-08
8780	624845	4266798.43	1.31E-07	4.51E-08	1.76E-07	1.10E-07	3.38E-08	1.43E-07	2.60E-08	8.64E-09	3.46E-08	2.02E-08	4.16E-09	2.44E-08

8781	625497.43	4266162.81	7.23E-08	2.49E-08	9.72E-08	6.05E-08	1.86E-08	7.91E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
8782	625497.6	4266152.88	7.23E-08	2.49E-08	9.72E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.12E-08	2.29E-09	1.35E-08
8783	625497.76	4266142.94	7.23E-08	2.48E-08	9.71E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.12E-08	2.29E-09	1.34E-08
8784	625497.92	4266133.01	7.22E-08	2.48E-08	9.71E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.11E-08	2.29E-09	1.34E-08
8785	625498.09	4266123.08	7.22E-08	2.48E-08	9.70E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.11E-08	2.29E-09	1.34E-08
8786	625498.25	4266113.14	7.22E-08	2.48E-08	9.70E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.11E-08	2.29E-09	1.34E-08
8787	625498.41	4266103.21	7.22E-08	2.48E-08	9.71E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.11E-08	2.29E-09	1.34E-08
8788	625498.58	4266093.28	7.22E-08	2.48E-08	9.70E-08	6.04E-08	1.86E-08	7.89E-08	1.43E-08	4.76E-09	1.91E-08	1.11E-08	2.29E-09	1.34E-08
8789	625498.74	4266083.34	7.22E-08	2.48E-08	9.70E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.11E-08	2.29E-09	1.34E-08
8790	625498.9	4266073.41	7.22E-08	2.48E-08	9.71E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.11E-08	2.29E-09	1.34E-08
8791	625499.07	4266063.48	7.23E-08	2.49E-08	9.71E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.12E-08	2.29E-09	1.34E-08
8792	625499.23	4266053.54	7.23E-08	2.49E-08	9.72E-08	6.05E-08	1.86E-08	7.91E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
8793	625499.39	4266043.61	7.24E-08	2.49E-08	9.73E-08	6.05E-08	1.86E-08	7.92E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
8794	625499.56	4266033.68	7.25E-08	2.49E-08	9.74E-08	6.06E-08	1.87E-08	7.92E-08	1.43E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
8795	625499.72	4266023.74	7.26E-08	2.50E-08	9.75E-08	6.07E-08	1.87E-08	7.93E-08	1.44E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
8796	625499.89	4266013.81	7.27E-08	2.50E-08	9.76E-08	6.07E-08	1.87E-08	7.94E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
8797	625500.05	4266003.88	7.28E-08	2.50E-08	9.78E-08	6.08E-08	1.87E-08	7.95E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
8798	625500.21	4265993.94	7.29E-08	2.51E-08	9.79E-08	6.09E-08	1.88E-08	7.96E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.36E-08
8799	625500.38	4265984.01	7.29E-08	2.51E-08	9.80E-08	6.10E-08	1.88E-08	7.97E-08	1.44E-08	4.80E-09	1.92E-08	1.13E-08	2.31E-09	1.36E-08
8800	625500.54	4265974.08	7.30E-08	2.51E-08	9.81E-08	6.10E-08	1.88E-08	7.98E-08	1.44E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
8801	625500.7	4265964.14	7.30E-08	2.51E-08	9.81E-08	6.10E-08	1.88E-08	7.98E-08	1.45E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
8802	625500.87	4265954.21	7.31E-08	2.51E-08	9.82E-08	6.11E-08	1.88E-08	7.99E-08	1.45E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
8803	625501.03	4265944.28	7.31E-08	2.51E-08	9.82E-08	6.11E-08	1.88E-08	7.99E-08	1.45E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
8804	625501.19	4265934.34	7.31E-08	2.51E-08	9.82E-08	6.11E-08	1.88E-08	7.99E-08	1.45E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
8805	625501.36	4265924.41	7.30E-08	2.51E-08	9.81E-08	6.10E-08	1.88E-08	7.98E-08	1.45E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
8806	625501.52	4265914.48	7.30E-08	2.51E-08	9.81E-08	6.10E-08	1.88E-08	7.98E-08	1.44E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
8807	625501.68	4265904.54	7.29E-08	2.51E-08	9.80E-08	6.09E-08	1.88E-08	7.97E-08	1.44E-08	4.80E-09	1.92E-08	1.13E-08	2.31E-09	1.36E-08
8808	625501.85	4265894.61	7.28E-08	2.50E-08	9.79E-08	6.09E-08	1.88E-08	7.96E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.36E-08
8809	625502.01	4265884.68	7.28E-08	2.50E-08	9.78E-08	6.08E-08	1.87E-08	7.96E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
8810	625502.17	4265874.74	7.27E-08	2.50E-08	9.77E-08	6.08E-08	1.87E-08	7.95E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
8811	625502.34	4265864.81	7.26E-08	2.50E-08	9.76E-08	6.07E-08	1.87E-08	7.94E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
8812	625502.5	4265854.88	7.26E-08	2.50E-08	9.76E-08	6.07E-08	1.87E-08	7.94E-08	1.44E-08	4.78E-09	1.92E-08	1.12E-08	2.30E-09	1.35E-08
8813	625502.67	4265844.94	7.26E-08	2.50E-08	9.75E-08	6.07E-08	1.87E-08	7.93E-08	1.44E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
8814	625502.83	4265835.01	7.26E-08	2.50E-08	9.75E-08	6.07E-08	1.87E-08	7.93E-08	1.44E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
8815	625502.99	4265825.08	7.26E-08	2.50E-08	9.76E-08	6.07E-08	1.87E-08	7.94E-08	1.44E-08	4.78E-09	1.92E-08	1.12E-08	2.30E-09	1.35E-08
8816	625503.16	4265815.14	7.27E-08	2.50E-08	9.77E-08	6.08E-08	1.87E-08	7.95E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
8817	625503.32	4265805.21	7.28E-08	2.50E-08	9.79E-08	6.09E-08	1.88E-08	7.96E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.36E-08
8818	625503.48	4265795.28	7.30E-08	2.51E-08	9.81E-08	6.10E-08	1.88E-08	7.98E-08	1.45E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
8819	625503.65	4265785.34	7.33E-08	2.52E-08	9.85E-08	6.12E-08	1.89E-08	8.01E-08	1.45E-08	4.83E-09	1.93E-08	1.13E-08	2.33E-09	1.36E-08
8820	625503.81	4265775.41	7.35E-08	2.53E-08	9.88E-08	6.15E-08	1.89E-08	8.04E-08	1.46E-08	4.85E-09	1.94E-08	1.13E-08	2.33E-09	1.37E-08
8821	625503.97	4265765.48	7.39E-08	2.54E-08	9.92E-08	6.17E-08	1.90E-08	8.07E-08	1.46E-08	4.87E-09	1.95E-08	1.14E-08	2.34E-09	1.37E-08
8822	625504.14	4265755.54	7.42E-08	2.55E-08	9.97E-08	6.20E-08	1.91E-08	8.11E-08	1.47E-08	4.89E-09	1.96E-08	1.14E-08	2.35E-09	1.38E-08
8823	625504.3	4265745.61	7.46E-08	2.56E-08	1.00E-07	6.23E-08	1.92E-08	8.15E-08	1.48E-08	4.91E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
8824	625504.46	4265735.68	7.50E-08	2.58E-08	1.01E-07	6.27E-08	1.93E-08	8.20E-08	1.48E-08	4.94E-09	1.98E-08	1.16E-08	2.38E-09	1.40E-08
8825	625504.63	4265725.74	7.55E-08	2.60E-08	1.01E-07	6.31E-08	1.94E-08	8.25E-08	1.49E-08	4.97E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
8826	625504.79	4265715.81	7.59E-08	2.61E-08	1.02E-07	6.35E-08	1.95E-08	8.30E-08	1.50E-08	5.00E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
8827	625504.95	4265705.88	7.64E-08	2.63E-08	1.03E-07	6.39E-08	1.97E-08	8.35E-08	1.51E-08	5.03E-09	2.02E-08	1.18E-08	2.42E-09	1.42E-08
8828	625505.12	4265695.94	7.69E-08	2.64E-08	1.03E-07	6.43E-08	1.98E-08	8.41E-08	1.52E-08	5.07E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
8829	625505.28	4265686.01	7.74E-08	2.66E-08	1.04E-07	6.47E-08	1.99E-08	8.46E-08	1.53E-08	5.10E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
8830	625535.56	4266190.96	6.78E-08	2.33E-08	9.11E-08	5.67E-08	1.75E-08	7.41E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
8831	625531.61	4266200.07	6.82E-08	2.34E-08	9.16E-08	5.70E-08	1.76E-08	7.45E-08	1.35E-08	4.49E-09	1.80E-08	1.05E-08	2.16E-09	1.27E-08
8832	625527.66	4266209.18	6.85E-08	2.36E-08	9.21E-08	5.73E-08	1.76E-08	7.49E-08	1.36E-08	4.51E-09	1.81E-08	1.06E-08	2.17E-09	1.27E-08
8833	625523.7	4266218.29	6.88E-08	2.37E-08	9.25E-08	5.75E-08	1.77E-08	7.52E-08	1.36E-08	4.53E-09	1.82E-08	1.06E-08	2.18E-09	1.28E-08
8834	625519.75	4266227.39	6.91E-08	2.38E-08	9.28E-08	5.77E-08	1.78E-08	7.55E-08	1.37E-08	4.55E-09	1.82E-08	1.07E-08	2.19E-09	1.29E-08
8835	625515.8	4266236.5	6.93E-08	2.38E-08	9.32E-08	5.79E-08	1.78E-08	7.58E-08	1.37E-08	4.57E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
8836	625511.84	4266245.61	6.95E-08	2.39E-08	9.34E-08	5.81E-08	1.79E-08	7.60E-08	1.38E-08	4.58E-09	1.83E-08	1.07E-08	2.21E-09	1.29E-08
8837	625507.89	4266254.72	6.97E-08	2.40E-08	9.36E-08	5.82E-08	1.79E-08	7.62E-08	1.38E-08	4.59E-09	1.84E-08	1.07E-08	2.21E-09	1.30E-08
8838	625503.94	4266263.83	6.98E-08	2.40E-08	9.38E-08	5.83E-08	1.80E-08	7.63E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.21E-09	1.30E-08
8839	625499.98	4266272.94	6.98E-08	2.40E-08	9.39E-08	5.84E-08	1.80E-08	7.64E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.22E-09	1.30E-08
8840	625496.03	4266282.05	6.99E-08	2.40E-08	9.39E-08	5.84E-08	1.80E-08	7.64E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.22E-09	1.30E-08
8841	625492.07	4266291.16	6.99E-08	2.40E-08	9.39E-08	5.84E-08	1.80E-08	7.64E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.22E-09	1.30E-08
8842	625456.49	4266373.13	6.97E-08	2.40E-08	9.37E-08	5.83E-08	1.79E-08	7.62E-08	1.38E-08	4.59E-09	1.84E-08	1.08E-08	2.21E-09	1.30E-08
8843	625452.54	4266382.24	6.98E-08	2.40E-08	9.38E-08	5.83E-08	1.80E-08	7.63E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.21E-09	1.30E-08
8844	625448.58	4266391.35	6.99E-08	2.40E-08	9.40E-08	5.84E-08	1.80E-08	7.64E-08	1.38E-08	4.61E-09	1.84E-08	1.08E-08	2.22E-09	1.30E-08
8845	625444.63	4266400.46	7.01E-08	2.41E-08	9.42E-08	5.86E-08	1.80E-08	7.66E-08	1.39E-08	4.62E-09	1.85E-08	1.08E-08	2.22E-09	1.30E-08
8846	625440.68	4266409.57	7.03E-08	2.42E-08	9.45E-08	5.88E-08	1.81E-08	7.69E-08	1.39E-08	4.63E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
8847	625436.72	4266418.68	7.06E-08	2.43E-08	9.48E-08	5.90E-08	1.82E-08	7.71E-08	1.40E-08	4.65E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
8848	625432.77	4266427.79	7.08E-08	2.44E-08	9.52E-08	5.92E-08	1.82E-08	7.74E-08	1.40E-08	4.67E-09	1.87E-08	1.09E-08	2.25E-09	1.32E-08
8849	625428.82	4266436.9	7.12E-08	2.45E-08	9.56E-08	5.95E-08	1.83E-08	7.78E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.32E-08
8850	625424.86	4266446	7.15E-08	2.46E-08	9.61E-08	5.98E-08	1.84E-08	7.82E-08	1.42E-08	4.71E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
8851	625420.91	4266455.11	7.19E-08	2.47E-08	9.67E-08	6.01E-08	1.85E-08	7.86E-08	1.42E-08	4.74E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
8852	625416.96	4266464.22	7.23E-08	2.49E-08	9.72E-08	6.05E-08	1.86E-08	7.91E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08

8853	625413	4266473.33	7.28E-08	2.50E-08	9.78E-08	6.08E-08	1.87E-08	7.96E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
8854	625409.05	4266482.44	7.33E-08	2.52E-08	9.85E-08	6.12E-08	1.89E-08	8.01E-08	1.45E-08	4.83E-09	1.93E-08	1.13E-08	2.33E-09	1.36E-08
8855	625405.09	4266491.55	7.38E-08	2.54E-08	9.91E-08	6.16E-08	1.90E-08	8.06E-08	1.46E-08	4.86E-09	1.95E-08	1.14E-08	2.34E-09	1.37E-08
8856	625401.14	4266500.66	7.43E-08	2.55E-08	9.98E-08	6.21E-08	1.91E-08	8.12E-08	1.47E-08	4.89E-09	1.96E-08	1.15E-08	2.36E-09	1.38E-08
8857	625397.19	4266509.77	7.48E-08	2.57E-08	1.00E-07	6.25E-08	1.93E-08	8.18E-08	1.48E-08	4.93E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
8858	625393.23	4266518.87	7.53E-08	2.59E-08	1.01E-07	6.30E-08	1.94E-08	8.23E-08	1.49E-08	4.96E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
8859	625389.28	4266527.98	7.58E-08	2.61E-08	1.02E-07	6.34E-08	1.95E-08	8.29E-08	1.50E-08	5.00E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
8860	625385.33	4266537.09	7.64E-08	2.63E-08	1.03E-07	6.38E-08	1.97E-08	8.35E-08	1.51E-08	5.03E-09	2.02E-08	1.18E-08	2.42E-09	1.42E-08
8861	625381.37	4266546.2	7.69E-08	2.64E-08	1.03E-07	6.43E-08	1.98E-08	8.41E-08	1.52E-08	5.07E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
8862	625377.42	4266555.31	7.74E-08	2.66E-08	1.04E-07	6.47E-08	1.99E-08	8.47E-08	1.53E-08	5.10E-09	2.04E-08	1.20E-08	2.46E-09	1.44E-08
8863	625373.47	4266564.42	7.80E-08	2.68E-08	1.05E-07	6.52E-08	2.01E-08	8.52E-08	1.54E-08	5.14E-09	2.06E-08	1.20E-08	2.47E-09	1.45E-08
8864	625369.51	4266573.53	7.85E-08	2.70E-08	1.05E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
8865	625365.56	4266582.63	7.90E-08	2.72E-08	1.06E-07	6.60E-08	2.03E-08	8.64E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
8866	625361.6	4266591.74	7.95E-08	2.73E-08	1.07E-07	6.64E-08	2.05E-08	8.69E-08	1.57E-08	5.24E-09	2.10E-08	1.23E-08	2.52E-09	1.48E-08
8867	625357.65	4266600.85	7.99E-08	2.75E-08	1.07E-07	6.68E-08	2.06E-08	8.74E-08	1.58E-08	5.27E-09	2.11E-08	1.23E-08	2.54E-09	1.49E-08
8868	625353.7	4266609.96	8.04E-08	2.76E-08	1.08E-07	6.72E-08	2.07E-08	8.79E-08	1.59E-08	5.30E-09	2.12E-08	1.24E-08	2.55E-09	1.50E-08
8869	625349.74	4266619.07	8.08E-08	2.78E-08	1.09E-07	6.75E-08	2.08E-08	8.84E-08	1.60E-08	5.32E-09	2.13E-08	1.25E-08	2.56E-09	1.50E-08
8870	625345.79	4266628.18	8.12E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.88E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
8871	625341.84	4266637.29	8.16E-08	2.81E-08	1.10E-07	6.82E-08	2.10E-08	8.92E-08	1.62E-08	5.38E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
8872	625337.88	4266646.4	8.20E-08	2.82E-08	1.10E-07	6.85E-08	2.11E-08	8.96E-08	1.62E-08	5.40E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
8873	625324.69	4266659.14	8.37E-08	2.88E-08	1.12E-07	7.00E-08	2.15E-08	9.15E-08	1.66E-08	5.51E-09	2.21E-08	1.29E-08	2.66E-09	1.56E-08
8874	625315.45	4266662.78	8.51E-08	2.93E-08	1.14E-07	7.11E-08	2.19E-08	9.31E-08	1.68E-08	5.61E-09	2.25E-08	1.31E-08	2.70E-09	1.58E-08
8875	625306.21	4266666.42	8.65E-08	2.98E-08	1.16E-07	7.23E-08	2.23E-08	9.46E-08	1.71E-08	5.70E-09	2.28E-08	1.34E-08	2.75E-09	1.61E-08
8876	625296.97	4266670.06	8.79E-08	3.02E-08	1.18E-07	7.35E-08	2.26E-08	9.62E-08	1.74E-08	5.79E-09	2.32E-08	1.36E-08	2.79E-09	1.64E-08
8877	625287.73	4266673.7	8.94E-08	3.07E-08	1.20E-07	7.47E-08	2.30E-08	9.77E-08	1.77E-08	5.89E-09	2.36E-08	1.38E-08	2.84E-09	1.66E-08
8878	625278.49	4266677.34	9.08E-08	3.12E-08	1.22E-07	7.59E-08	2.34E-08	9.93E-08	1.80E-08	5.98E-09	2.40E-08	1.40E-08	2.88E-09	1.69E-08
8879	625269.26	4266680.98	9.22E-08	3.17E-08	1.24E-07	7.71E-08	2.37E-08	1.01E-07	1.83E-08	6.08E-09	2.43E-08	1.42E-08	2.93E-09	1.72E-08
8880	625260.02	4266684.61	9.36E-08	3.22E-08	1.26E-07	7.83E-08	2.41E-08	1.02E-07	1.85E-08	6.17E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08
8881	625250.78	4266688.25	9.50E-08	3.27E-08	1.28E-07	7.94E-08	2.45E-08	1.04E-07	1.88E-08	6.26E-09	2.51E-08	1.47E-08	3.02E-09	1.77E-08
8882	625241.54	4266691.89	9.64E-08	3.32E-08	1.30E-07	8.06E-08	2.48E-08	1.05E-07	1.91E-08	6.35E-09	2.54E-08	1.49E-08	3.06E-09	1.79E-08
8883	625232.3	4266695.53	9.78E-08	3.36E-08	1.31E-07	8.18E-08	2.52E-08	1.07E-07	1.94E-08	6.44E-09	2.58E-08	1.51E-08	3.10E-09	1.82E-08
8884	625223.06	4266699.17	9.92E-08	3.41E-08	1.33E-07	8.29E-08	2.55E-08	1.08E-07	1.96E-08	6.53E-09	2.62E-08	1.53E-08	3.15E-09	1.84E-08
8885	625213.82	4266702.81	1.01E-07	3.46E-08	1.35E-07	8.40E-08	2.59E-08	1.10E-07	1.99E-08	6.62E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
8886	625204.58	4266706.45	1.02E-07	3.50E-08	1.37E-07	8.51E-08	2.62E-08	1.11E-07	2.02E-08	6.71E-09	2.69E-08	1.57E-08	3.23E-09	1.89E-08
8887	625195.34	4266710.09	1.03E-07	3.55E-08	1.39E-07	8.62E-08	2.66E-08	1.13E-07	2.04E-08	6.80E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
8888	625186.1	4266713.73	1.04E-07	3.59E-08	1.40E-07	8.73E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
8889	625176.87	4266717.36	1.06E-07	3.63E-08	1.42E-07	8.83E-08	2.72E-08	1.16E-07	2.09E-08	6.96E-09	2.79E-08	1.63E-08	3.35E-09	1.97E-08
8890	625167.63	4266721	1.07E-07	3.68E-08	1.44E-07	8.94E-08	2.75E-08	1.17E-07	2.12E-08	7.04E-09	2.82E-08	1.65E-08	3.39E-09	1.99E-08
8891	625158.39	4266724.64	1.08E-07	3.72E-08	1.45E-07	9.04E-08	2.78E-08	1.18E-07	2.14E-08	7.12E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08
8892	625149.15	4266728.28	1.09E-07	3.76E-08	1.47E-07	9.14E-08	2.81E-08	1.19E-07	2.16E-08	7.20E-09	2.88E-08	1.69E-08	3.47E-09	2.03E-08
8893	625139.91	4266731.92	1.10E-07	3.80E-08	1.48E-07	9.23E-08	2.84E-08	1.21E-07	2.19E-08	7.28E-09	2.91E-08	1.70E-08	3.50E-09	2.05E-08
8894	625130.67	4266735.56	1.12E-07	3.84E-08	1.50E-07	9.32E-08	2.87E-08	1.22E-07	2.21E-08	7.35E-09	2.94E-08	1.72E-08	3.54E-09	2.08E-08
8895	625121.43	4266739.2	1.13E-07	3.87E-08	1.51E-07	9.41E-08	2.90E-08	1.23E-07	2.23E-08	7.42E-09	2.97E-08	1.74E-08	3.57E-09	2.10E-08
8896	625112.19	4266742.84	1.14E-07	3.91E-08	1.53E-07	9.50E-08	2.93E-08	1.24E-07	2.25E-08	7.49E-09	3.00E-08	1.75E-08	3.61E-09	2.11E-08
8897	625102.95	4266746.47	1.15E-07	3.94E-08	1.54E-07	9.58E-08	2.95E-08	1.25E-07	2.27E-08	7.55E-09	3.02E-08	1.77E-08	3.64E-09	2.13E-08
8898	625093.71	4266750.11	1.16E-07	3.97E-08	1.55E-07	9.66E-08	2.97E-08	1.26E-07	2.29E-08	7.61E-09	3.05E-08	1.78E-08	3.67E-09	2.15E-08
8899	625084.48	4266753.75	1.16E-07	4.00E-08	1.56E-07	9.73E-08	3.00E-08	1.27E-07	2.30E-08	7.67E-09	3.07E-08	1.80E-08	3.69E-09	2.17E-08
8900	625075.24	4266757.39	1.17E-07	4.03E-08	1.58E-07	9.80E-08	3.02E-08	1.28E-07	2.32E-08	7.72E-09	3.09E-08	1.81E-08	3.72E-09	2.18E-08
8901	625066	4266761.03	1.18E-07	4.06E-08	1.59E-07	9.86E-08	3.04E-08	1.29E-07	2.34E-08	7.77E-09	3.11E-08	1.82E-08	3.74E-09	2.19E-08
8902	625056.76	4266764.67	1.19E-07	4.08E-08	1.59E-07	9.92E-08	3.06E-08	1.30E-07	2.35E-08	7.82E-09	3.13E-08	1.83E-08	3.77E-09	2.21E-08
8903	625047.52	4266768.31	1.19E-07	4.10E-08	1.60E-07	9.97E-08	3.07E-08	1.30E-07	2.36E-08	7.86E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08
8904	625038.28	4266771.95	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.37E-08	7.90E-09	3.16E-08	1.85E-08	3.81E-09	2.23E-08
8905	625029.04	4266775.58	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.94E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
8906	625019.8	4266779.22	1.21E-07	4.16E-08	1.63E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.97E-09	3.19E-08	1.87E-08	3.84E-09	2.25E-08
8907	625010.56	4266782.86	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.13E-08	1.33E-07	2.40E-08	8.00E-09	3.20E-08	1.87E-08	3.85E-09	2.26E-08
8908	625001.32	4266786.5	1.22E-07	4.19E-08	1.64E-07	1.02E-07	3.13E-08	1.33E-07	2.41E-08	8.02E-09	3.21E-08	1.88E-08	3.86E-09	2.26E-08
8909	624992.08	4266790.14	1.22E-07	4.20E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.42E-08	8.04E-09	3.22E-08	1.88E-08	3.87E-09	2.27E-08
8910	624982.85	4266793.78	1.22E-07	4.21E-08	1.64E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.06E-09	3.23E-08	1.89E-08	3.88E-09	2.28E-08
8911	624973.61	4266797.42	1.22E-07	4.21E-08	1.65E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.07E-09	3.23E-08	1.89E-08	3.89E-09	2.28E-08
8912	624964.37	4266801.06	1.23E-07	4.22E-08	1.65E-07	1.02E-07	3.16E-08	1.34E-07	2.43E-08	8.08E-09	3.23E-08	1.89E-08	3.89E-09	2.28E-08
8913	624955.13	4266804.69	1.23E-07	4.22E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.08E-09	3.24E-08	1.89E-08	3.89E-09	2.28E-08
8914	624945.89	4266808.33	1.23E-07	4.22E-08	1.65E-07	1.03E-07	3.16E-08	1.34E-07	2.43E-08	8.08E-09	3.24E-08	1.89E-08	3.89E-09	2.28E-08
8915	624936.65	4266811.97	1.23E-07	4.21E-08	1.65E-07	1.02E-07	3.16E-08	1.34E-07	2.43E-08	8.08E-09	3.23E-08	1.89E-08	3.89E-09	2.28E-08
8916	624927.41	4266815.61	1.22E-07	4.21E-08	1.65E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.07E-09	3.23E-08	1.89E-08	3.89E-09	2.28E-08
8917	624918.17	4266819.25	1.22E-07	4.20E-08	1.64E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.05E-09	3.22E-08	1.89E-08	3.88E-09	2.27E-08
8918	624908.93	4266822.89	1.22E-07	4.19E-08	1.64E-07	1.02E-07	3.14E-08	1.33E-07	2.41E-08	8.03E-09	3.22E-08	1.88E-08	3.87E-09	2.27E-08
8919	624899.69	4266826.53	1.22E-07	4.18E-08	1.63E-07	1.02E-07	3.13E-08	1.33E-07	2.41E-08	8.01E-09	3.21E-08	1.88E-08	3.86E-09	2.26E-08
8920	624890.46	4266830.17	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.12E-08	1.33E-07	2.40E-08	7.99E-09	3.20E-08	1.87E-08	3.85E-09	2.26E-08
8921	624881.22	4266833.8	1.21E-07	4.16E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.96E-09	3.19E-08	1.86E-08	3.83E-09	2.25E-08
8922	624871.98	4266837.44	1.20E-07	4.14E-08	1.62E-07	1.01E-07	3.10E-08	1.32E-07	2.38E-08	7.93E-09	3.18E-08	1.86E-08	3.82E-09	2.24E-08
8923	624862.74	4266841.08	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.37E-08	7.90E-09	3.16E-08	1.85E-08	3.81E-09	2.23E-08
8924	624853.5	4266844.72	1.19E-07	4.11E-08	1.60E-07	9.98E-08	3.07E-08	1.31E-07	2.36E-08	7.87E-09	3.15E-08	1.84E-08	3.79E-09	2.22E-08

8925	624844.26	4266848.36	1.19E-07	4.09E-08	1.60E-07	9.93E-08	3.06E-08	1.30E-07	2.35E-08	7.83E-09	3.14E-08	1.83E-08	3.77E-09	2.21E-08
8926	625547.43	4266163.63	6.65E-08	2.29E-08	8.94E-08	5.56E-08	1.71E-08	7.27E-08	1.32E-08	4.38E-09	1.75E-08	1.03E-08	2.11E-09	1.24E-08
8927	625547.59	4266153.7	6.65E-08	2.29E-08	8.93E-08	5.56E-08	1.71E-08	7.27E-08	1.32E-08	4.38E-09	1.75E-08	1.03E-08	2.11E-09	1.24E-08
8928	625547.75	4266143.77	6.64E-08	2.28E-08	8.93E-08	5.55E-08	1.71E-08	7.26E-08	1.31E-08	4.38E-09	1.75E-08	1.03E-08	2.11E-09	1.24E-08
8929	625547.92	4266133.83	6.64E-08	2.28E-08	8.92E-08	5.55E-08	1.71E-08	7.26E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.11E-09	1.24E-08
8930	625548.08	4266123.9	6.63E-08	2.28E-08	8.91E-08	5.54E-08	1.71E-08	7.25E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.11E-09	1.23E-08
8931	625548.24	4266113.97	6.63E-08	2.28E-08	8.91E-08	5.54E-08	1.71E-08	7.25E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8932	625548.41	4266104.03	6.62E-08	2.28E-08	8.90E-08	5.54E-08	1.71E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8933	625548.57	4266094.1	6.62E-08	2.28E-08	8.89E-08	5.53E-08	1.70E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8934	625548.73	4266084.17	6.62E-08	2.27E-08	8.89E-08	5.53E-08	1.70E-08	7.23E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8935	625548.9	4266074.23	6.61E-08	2.27E-08	8.89E-08	5.53E-08	1.70E-08	7.23E-08	1.31E-08	4.36E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
8936	625549.06	4266064.3	6.61E-08	2.27E-08	8.89E-08	5.53E-08	1.70E-08	7.23E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8937	625549.22	4266054.37	6.62E-08	2.28E-08	8.89E-08	5.53E-08	1.70E-08	7.23E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8938	625549.39	4266044.43	6.62E-08	2.28E-08	8.89E-08	5.53E-08	1.70E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8939	625549.55	4266034.5	6.62E-08	2.28E-08	8.90E-08	5.53E-08	1.70E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8940	625549.71	4266024.57	6.62E-08	2.28E-08	8.90E-08	5.54E-08	1.71E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8941	625549.88	4266014.63	6.62E-08	2.28E-08	8.90E-08	5.54E-08	1.71E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8942	625550.04	4266004.7	6.63E-08	2.28E-08	8.91E-08	5.54E-08	1.71E-08	7.25E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8943	625550.21	4265994.77	6.63E-08	2.28E-08	8.91E-08	5.54E-08	1.71E-08	7.25E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8944	625550.37	4265984.83	6.63E-08	2.28E-08	8.91E-08	5.54E-08	1.71E-08	7.25E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8945	625550.53	4265974.9	6.63E-08	2.28E-08	8.91E-08	5.54E-08	1.71E-08	7.25E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8946	625550.7	4265964.97	6.63E-08	2.28E-08	8.91E-08	5.54E-08	1.71E-08	7.24E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8947	625550.86	4265955.03	6.62E-08	2.28E-08	8.90E-08	5.54E-08	1.71E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8948	625551.02	4265945.1	6.62E-08	2.28E-08	8.90E-08	5.53E-08	1.70E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8949	625551.19	4265935.17	6.61E-08	2.27E-08	8.89E-08	5.53E-08	1.70E-08	7.23E-08	1.31E-08	4.36E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
8950	625551.35	4265925.23	6.61E-08	2.27E-08	8.88E-08	5.52E-08	1.70E-08	7.22E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
8951	625551.51	4265915.3	6.60E-08	2.27E-08	8.86E-08	5.51E-08	1.70E-08	7.21E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
8952	625551.68	4265905.37	6.59E-08	2.27E-08	8.85E-08	5.51E-08	1.70E-08	7.20E-08	1.30E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
8953	625551.84	4265895.43	6.58E-08	2.26E-08	8.84E-08	5.50E-08	1.69E-08	7.19E-08	1.30E-08	4.33E-09	1.74E-08	1.01E-08	2.09E-09	1.22E-08
8954	625552	4265885.5	6.57E-08	2.26E-08	8.83E-08	5.49E-08	1.69E-08	7.18E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
8955	625552.17	4265875.57	6.56E-08	2.26E-08	8.81E-08	5.48E-08	1.69E-08	7.17E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
8956	625552.33	4265865.63	6.55E-08	2.25E-08	8.81E-08	5.48E-08	1.69E-08	7.16E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
8957	625552.49	4265855.7	6.55E-08	2.25E-08	8.80E-08	5.47E-08	1.69E-08	7.16E-08	1.30E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
8958	625552.66	4265845.77	6.55E-08	2.25E-08	8.80E-08	5.47E-08	1.69E-08	7.16E-08	1.30E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
8959	625552.82	4265835.83	6.55E-08	2.25E-08	8.80E-08	5.47E-08	1.69E-08	7.16E-08	1.30E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
8960	625552.99	4265825.9	6.55E-08	2.25E-08	8.80E-08	5.47E-08	1.69E-08	7.16E-08	1.30E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
8961	625553.15	4265815.97	6.55E-08	2.25E-08	8.81E-08	5.48E-08	1.69E-08	7.17E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
8962	625553.31	4265806.03	6.56E-08	2.26E-08	8.82E-08	5.49E-08	1.69E-08	7.18E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
8963	625553.48	4265796.1	6.58E-08	2.26E-08	8.84E-08	5.50E-08	1.69E-08	7.19E-08	1.30E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.22E-08
8964	625553.64	4265786.17	6.60E-08	2.27E-08	8.87E-08	5.52E-08	1.70E-08	7.22E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
8965	625553.8	4265776.23	6.63E-08	2.28E-08	8.91E-08	5.54E-08	1.71E-08	7.25E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
8966	625553.97	4265766.3	6.66E-08	2.29E-08	8.95E-08	5.57E-08	1.72E-08	7.28E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
8967	625554.13	4265756.37	6.70E-08	2.30E-08	9.00E-08	5.60E-08	1.72E-08	7.32E-08	1.33E-08	4.41E-09	1.77E-08	1.03E-08	2.13E-09	1.25E-08
8968	625554.29	4265746.43	6.73E-08	2.32E-08	9.05E-08	5.63E-08	1.73E-08	7.36E-08	1.33E-08	4.44E-09	1.78E-08	1.04E-08	2.14E-09	1.25E-08
8969	625554.46	4265736.5	6.78E-08	2.33E-08	9.10E-08	5.66E-08	1.74E-08	7.41E-08	1.34E-08	4.46E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
8970	625554.62	4265726.57	6.82E-08	2.34E-08	9.16E-08	5.70E-08	1.76E-08	7.45E-08	1.35E-08	4.49E-09	1.80E-08	1.05E-08	2.16E-09	1.27E-08
8971	625554.78	4265716.63	6.86E-08	2.36E-08	9.22E-08	5.73E-08	1.77E-08	7.50E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
8972	625554.95	4265706.7	6.90E-08	2.37E-08	9.27E-08	5.77E-08	1.78E-08	7.54E-08	1.37E-08	4.55E-09	1.82E-08	1.06E-08	2.19E-09	1.28E-08
8973	625555.11	4265696.77	6.94E-08	2.39E-08	9.32E-08	5.80E-08	1.79E-08	7.58E-08	1.37E-08	4.57E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
8974	625555.28	4265686.83	6.97E-08	2.40E-08	9.37E-08	5.83E-08	1.80E-08	7.62E-08	1.38E-08	4.59E-09	1.84E-08	1.08E-08	2.21E-09	1.30E-08
8975	625635.61	4266192.48	5.82E-08	2.00E-08	7.83E-08	4.87E-08	1.50E-08	6.37E-08	1.15E-08	3.84E-09	1.54E-08	8.99E-09	1.85E-09	1.08E-08
8976	625631.67	4266201.55	5.86E-08	2.01E-08	7.87E-08	4.89E-08	1.51E-08	6.40E-08	1.16E-08	3.86E-09	1.55E-08	9.04E-09	1.86E-09	1.09E-08
8977	625627.73	4266210.61	5.89E-08	2.02E-08	7.91E-08	4.92E-08	1.52E-08	6.43E-08	1.16E-08	3.88E-09	1.55E-08	9.08E-09	1.87E-09	1.09E-08
8978	625623.8	4266219.68	5.91E-08	2.03E-08	7.94E-08	4.94E-08	1.52E-08	6.46E-08	1.17E-08	3.89E-09	1.56E-08	9.12E-09	1.88E-09	1.10E-08
8979	625619.86	4266228.75	5.93E-08	2.04E-08	7.97E-08	4.96E-08	1.53E-08	6.49E-08	1.17E-08	3.91E-09	1.57E-08	9.16E-09	1.88E-09	1.10E-08
8980	625615.93	4266237.81	5.95E-08	2.05E-08	8.00E-08	4.98E-08	1.53E-08	6.51E-08	1.18E-08	3.92E-09	1.57E-08	9.19E-09	1.89E-09	1.11E-08
8981	625611.99	4266246.88	5.97E-08	2.05E-08	8.02E-08	4.99E-08	1.54E-08	6.53E-08	1.18E-08	3.93E-09	1.58E-08	9.21E-09	1.90E-09	1.11E-08
8982	625608.06	4266255.95	5.98E-08	2.06E-08	8.04E-08	5.00E-08	1.54E-08	6.54E-08	1.18E-08	3.94E-09	1.58E-08	9.23E-09	1.90E-09	1.11E-08
8983	625604.12	4266265.01	5.99E-08	2.06E-08	8.05E-08	5.01E-08	1.54E-08	6.55E-08	1.19E-08	3.95E-09	1.58E-08	9.25E-09	1.90E-09	1.11E-08
8984	625600.19	4266274.08	6.00E-08	2.06E-08	8.06E-08	5.01E-08	1.54E-08	6.56E-08	1.19E-08	3.95E-09	1.58E-08	9.25E-09	1.90E-09	1.12E-08
8985	625596.25	4266283.15	6.00E-08	2.06E-08	8.06E-08	5.01E-08	1.54E-08	6.56E-08	1.19E-08	3.95E-09	1.58E-08	9.25E-09	1.90E-09	1.12E-08
8986	625592.32	4266292.21	5.99E-08	2.06E-08	8.06E-08	5.01E-08	1.54E-08	6.55E-08	1.19E-08	3.95E-09	1.58E-08	9.25E-09	1.90E-09	1.12E-08
8987	625556.9	4266373.81	5.89E-08	2.02E-08	7.91E-08	4.92E-08	1.52E-08	6.44E-08	1.17E-08	3.88E-09	1.55E-08	9.08E-09	1.87E-09	1.10E-08
8988	625552.96	4266382.88	5.88E-08	2.02E-08	7.90E-08	4.91E-08	1.51E-08	6.43E-08	1.16E-08	3.87E-09	1.55E-08	9.07E-09	1.87E-09	1.09E-08
8989	625549.03	4266391.95	5.87E-08	2.02E-08	7.89E-08	4.91E-08	1.51E-08	6.42E-08	1.16E-08	3.87E-09	1.55E-08	9.06E-09	1.86E-09	1.09E-08
8990	625545.09	4266401.02	5.87E-08	2.02E-08	7.89E-08	4.91E-08	1.51E-08	6.42E-08	1.16E-08	3.87E-09	1.55E-08	9.06E-09	1.86E-09	1.09E-08
8991	625541.16	4266410.08	5.87E-08	2.02E-08	7.89E-08	4.91E-08	1.51E-08	6.42E-08	1.16E-08	3.87E-09	1.55E-08	9.06E-09	1.86E-09	1.09E-08
8992	625537.22	4266419.15	5.87E-08	2.02E-08	7.89E-08	4.91E-08	1.51E-08	6.42E-08	1.16E-08	3.87E-09	1.55E-08	9.06E-09	1.86E-09	1.09E-08
8993	625533.28	4266428.22	5.88E-08	2.02E-08	7.90E-08	4.91E-08	1.51E-08	6.43E-08	1.16E-08	3.87E-09	1.55E-08	9.07E-09	1.87E-09	1.09E-08
8994	625529.35	4266437.28	5.89E-08	2.02E-08	7.91E-08	4.92E-08	1.52E-08	6.44E-08	1.17E-08	3.88E-09	1.55E-08	9.08E-09	1.87E-09	1.10E-08
8995	625525.41	4266446.35	5.90E-08	2.03E-08	7.93E-08	4.93E-08	1.52E-08	6.45E-08	1.17E-08	3.89E-09	1.56E-08	9.10E-09	1.87E-09	1.10E-08
8996	625521.48	4266455.42	5.91E-08	2.03E-08	7.95E-08	4.94E-08	1.52E-08	6.47E-08	1.17E-08	3.90E-09	1.56E-08	9.13E-09	1.88E-09	1.10E-08

8997	625517.54	4266464.48	5.93E-08	2.04E-08	7.97E-08	4.96E-08	1.53E-08	6.49E-08	1.17E-08	3.91E-09	1.57E-08	9.16E-09	1.88E-09	1.10E-08
8998	625513.61	4266473.55	5.95E-08	2.05E-08	8.00E-08	4.98E-08	1.53E-08	6.51E-08	1.18E-08	3.92E-09	1.57E-08	9.19E-09	1.89E-09	1.11E-08
8999	625509.67	4266482.62	5.98E-08	2.06E-08	8.04E-08	5.00E-08	1.54E-08	6.54E-08	1.18E-08	3.94E-09	1.58E-08	9.23E-09	1.90E-09	1.11E-08
9000	625505.74	4266491.68	6.01E-08	2.07E-08	8.07E-08	5.02E-08	1.55E-08	6.57E-08	1.19E-08	3.96E-09	1.58E-08	9.27E-09	1.91E-09	1.12E-08
9001	625501.8	4266500.75	6.04E-08	2.08E-08	8.11E-08	5.04E-08	1.55E-08	6.60E-08	1.19E-08	3.98E-09	1.59E-08	9.31E-09	1.92E-09	1.12E-08
9002	625497.87	4266509.82	6.07E-08	2.09E-08	8.15E-08	5.07E-08	1.56E-08	6.63E-08	1.20E-08	4.00E-09	1.60E-08	9.36E-09	1.93E-09	1.13E-08
9003	625493.93	4266518.88	6.10E-08	2.10E-08	8.20E-08	5.10E-08	1.57E-08	6.67E-08	1.21E-08	4.02E-09	1.61E-08	9.41E-09	1.94E-09	1.14E-08
9004	625490	4266527.95	6.14E-08	2.11E-08	8.25E-08	5.13E-08	1.58E-08	6.71E-08	1.21E-08	4.04E-09	1.62E-08	9.47E-09	1.95E-09	1.14E-08
9005	625486.06	4266537.02	6.17E-08	2.12E-08	8.30E-08	5.16E-08	1.59E-08	6.75E-08	1.22E-08	4.07E-09	1.63E-08	9.53E-09	1.96E-09	1.15E-08
9006	625482.12	4266546.08	6.21E-08	2.14E-08	8.35E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.59E-09	1.97E-09	1.16E-08
9007	625478.19	4266555.15	6.25E-08	2.15E-08	8.40E-08	5.23E-08	1.61E-08	6.84E-08	1.24E-08	4.12E-09	1.65E-08	9.65E-09	1.98E-09	1.16E-08
9008	625474.25	4266564.22	6.30E-08	2.16E-08	8.46E-08	5.26E-08	1.62E-08	6.88E-08	1.25E-08	4.15E-09	1.66E-08	9.71E-09	2.00E-09	1.17E-08
9009	625470.32	4266573.28	6.34E-08	2.18E-08	8.52E-08	5.30E-08	1.63E-08	6.93E-08	1.25E-08	4.18E-09	1.67E-08	9.78E-09	2.01E-09	1.18E-08
9010	625466.38	4266582.35	6.38E-08	2.19E-08	8.57E-08	5.33E-08	1.64E-08	6.98E-08	1.26E-08	4.20E-09	1.68E-08	9.85E-09	2.02E-09	1.19E-08
9011	625462.45	4266591.42	6.42E-08	2.21E-08	8.63E-08	5.37E-08	1.65E-08	7.02E-08	1.27E-08	4.23E-09	1.69E-08	9.91E-09	2.04E-09	1.20E-08
9012	625458.51	4266600.48	6.47E-08	2.22E-08	8.69E-08	5.41E-08	1.67E-08	7.07E-08	1.28E-08	4.26E-09	1.71E-08	9.98E-09	2.05E-09	1.20E-08
9013	625454.58	4266609.55	6.51E-08	2.24E-08	8.75E-08	5.44E-08	1.68E-08	7.12E-08	1.29E-08	4.29E-09	1.72E-08	1.00E-08	2.07E-09	1.21E-08
9014	625450.64	4266618.62	6.56E-08	2.25E-08	8.81E-08	5.48E-08	1.69E-08	7.17E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
9015	625446.71	4266627.68	6.60E-08	2.27E-08	8.87E-08	5.52E-08	1.70E-08	7.21E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
9016	625442.77	4266636.75	6.64E-08	2.28E-08	8.92E-08	5.55E-08	1.71E-08	7.26E-08	1.31E-08	4.38E-09	1.75E-08	1.02E-08	2.11E-09	1.24E-08
9017	625438.83	4266645.82	6.68E-08	2.30E-08	8.98E-08	5.59E-08	1.72E-08	7.31E-08	1.32E-08	4.40E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
9018	625434.9	4266654.88	6.72E-08	2.31E-08	9.04E-08	5.62E-08	1.73E-08	7.35E-08	1.33E-08	4.43E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
9019	625430.96	4266663.95	6.76E-08	2.33E-08	9.09E-08	5.65E-08	1.74E-08	7.39E-08	1.34E-08	4.46E-09	1.78E-08	1.04E-08	2.15E-09	1.26E-08
9020	625427.03	4266673.02	6.80E-08	2.34E-08	9.14E-08	5.68E-08	1.75E-08	7.43E-08	1.35E-08	4.48E-09	1.79E-08	1.05E-08	2.16E-09	1.27E-08
9021	625423.09	4266682.08	6.84E-08	2.35E-08	9.19E-08	5.71E-08	1.76E-08	7.47E-08	1.35E-08	4.50E-09	1.80E-08	1.05E-08	2.17E-09	1.27E-08
9022	625419.16	4266691.15	6.87E-08	2.36E-08	9.23E-08	5.74E-08	1.77E-08	7.51E-08	1.36E-08	4.53E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
9023	625415.22	4266700.22	6.90E-08	2.37E-08	9.28E-08	5.77E-08	1.78E-08	7.55E-08	1.37E-08	4.55E-09	1.82E-08	1.07E-08	2.19E-09	1.28E-08
9024	625411.29	4266709.28	6.93E-08	2.38E-08	9.32E-08	5.80E-08	1.79E-08	7.58E-08	1.37E-08	4.57E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
9025	625407.35	4266718.35	6.96E-08	2.39E-08	9.36E-08	5.82E-08	1.79E-08	7.61E-08	1.38E-08	4.59E-09	1.84E-08	1.07E-08	2.21E-09	1.30E-08
9026	625394.22	4266731.04	7.10E-08	2.44E-08	9.54E-08	5.93E-08	1.83E-08	7.76E-08	1.40E-08	4.68E-09	1.87E-08	1.10E-08	2.25E-09	1.32E-08
9027	625385.02	4266734.66	7.20E-08	2.48E-08	9.68E-08	6.02E-08	1.85E-08	7.88E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
9028	625375.83	4266738.28	7.31E-08	2.51E-08	9.83E-08	6.11E-08	1.88E-08	7.99E-08	1.45E-08	4.82E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
9029	625366.63	4266741.91	7.42E-08	2.55E-08	9.97E-08	6.20E-08	1.91E-08	8.11E-08	1.47E-08	4.89E-09	1.96E-08	1.14E-08	2.35E-09	1.38E-08
9030	625357.43	4266745.53	7.53E-08	2.59E-08	1.01E-07	6.29E-08	1.94E-08	8.23E-08	1.49E-08	4.96E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
9031	625348.24	4266749.15	7.63E-08	2.62E-08	1.03E-07	6.38E-08	1.97E-08	8.35E-08	1.51E-08	5.03E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
9032	625339.04	4266752.77	7.74E-08	2.66E-08	1.04E-07	6.47E-08	1.99E-08	8.46E-08	1.53E-08	5.10E-09	2.04E-08	1.19E-08	2.46E-09	1.44E-08
9033	625329.84	4266756.39	7.85E-08	2.70E-08	1.05E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
9034	625320.65	4266760.02	7.95E-08	2.73E-08	1.07E-07	6.64E-08	2.05E-08	8.69E-08	1.57E-08	5.24E-09	2.10E-08	1.23E-08	2.52E-09	1.48E-08
9035	625311.45	4266763.64	8.05E-08	2.77E-08	1.08E-07	6.73E-08	2.07E-08	8.81E-08	1.59E-08	5.31E-09	2.12E-08	1.24E-08	2.56E-09	1.50E-08
9036	625302.25	4266767.26	8.16E-08	2.81E-08	1.10E-07	6.82E-08	2.10E-08	8.92E-08	1.61E-08	5.38E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
9037	625293.06	4266770.88	8.26E-08	2.84E-08	1.11E-07	6.90E-08	2.13E-08	9.03E-08	1.64E-08	5.44E-09	2.18E-08	1.27E-08	2.62E-09	1.54E-08
9038	625283.86	4266774.5	8.36E-08	2.88E-08	1.12E-07	6.99E-08	2.15E-08	9.14E-08	1.66E-08	5.51E-09	2.21E-08	1.29E-08	2.65E-09	1.56E-08
9039	625274.67	4266778.13	8.46E-08	2.91E-08	1.14E-07	7.07E-08	2.18E-08	9.25E-08	1.67E-08	5.58E-09	2.23E-08	1.31E-08	2.69E-09	1.57E-08
9040	625265.47	4266781.75	8.56E-08	2.94E-08	1.15E-07	7.16E-08	2.20E-08	9.36E-08	1.69E-08	5.64E-09	2.26E-08	1.32E-08	2.72E-09	1.59E-08
9041	625256.27	4266785.37	8.66E-08	2.98E-08	1.16E-07	7.24E-08	2.23E-08	9.47E-08	1.71E-08	5.71E-09	2.28E-08	1.34E-08	2.75E-09	1.61E-08
9042	625247.08	4266788.99	8.76E-08	3.01E-08	1.18E-07	7.32E-08	2.25E-08	9.57E-08	1.73E-08	5.77E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
9043	625237.88	4266792.61	8.85E-08	3.04E-08	1.19E-07	7.40E-08	2.28E-08	9.68E-08	1.75E-08	5.83E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
9044	625228.68	4266796.24	8.94E-08	3.08E-08	1.20E-07	7.48E-08	2.30E-08	9.78E-08	1.77E-08	5.89E-09	2.36E-08	1.38E-08	2.84E-09	1.66E-08
9045	625219.49	4266799.86	9.04E-08	3.11E-08	1.21E-07	7.55E-08	2.33E-08	9.88E-08	1.79E-08	5.95E-09	2.38E-08	1.39E-08	2.87E-09	1.68E-08
9046	625210.29	4266803.48	9.13E-08	3.14E-08	1.23E-07	7.63E-08	2.35E-08	9.98E-08	1.81E-08	6.01E-09	2.41E-08	1.41E-08	2.90E-09	1.70E-08
9047	625201.09	4266807.1	9.22E-08	3.17E-08	1.24E-07	7.70E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
9048	625191.9	4266810.72	9.30E-08	3.20E-08	1.25E-07	7.78E-08	2.40E-08	1.02E-07	1.84E-08	6.13E-09	2.45E-08	1.44E-08	2.95E-09	1.73E-08
9049	625182.7	4266814.35	9.39E-08	3.23E-08	1.26E-07	7.85E-08	2.42E-08	1.03E-07	1.86E-08	6.18E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
9050	625173.5	4266817.97	9.47E-08	3.26E-08	1.27E-07	7.91E-08	2.44E-08	1.04E-07	1.87E-08	6.24E-09	2.50E-08	1.46E-08	3.01E-09	1.76E-08
9051	625164.31	4266821.59	9.55E-08	3.28E-08	1.28E-07	7.98E-08	2.46E-08	1.04E-07	1.89E-08	6.29E-09	2.52E-08	1.47E-08	3.03E-09	1.78E-08
9052	625155.11	4266825.21	9.62E-08	3.31E-08	1.29E-07	8.04E-08	2.48E-08	1.05E-07	1.91E-08	6.34E-09	2.54E-08	1.49E-08	3.05E-09	1.79E-08
9053	625145.92	4266828.83	9.70E-08	3.33E-08	1.30E-07	8.11E-08	2.50E-08	1.06E-07	1.92E-08	6.39E-09	2.56E-08	1.50E-08	3.08E-09	1.80E-08
9054	625136.72	4266832.46	9.77E-08	3.36E-08	1.31E-07	8.16E-08	2.51E-08	1.07E-07	1.93E-08	6.43E-09	2.58E-08	1.51E-08	3.10E-09	1.82E-08
9055	625127.52	4266836.08	9.83E-08	3.38E-08	1.32E-07	8.22E-08	2.53E-08	1.07E-07	1.95E-08	6.48E-09	2.59E-08	1.52E-08	3.12E-09	1.83E-08
9056	625118.33	4266839.7	9.89E-08	3.40E-08	1.33E-07	8.27E-08	2.55E-08	1.08E-07	1.96E-08	6.52E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
9057	625109.13	4266843.32	9.95E-08	3.42E-08	1.34E-07	8.32E-08	2.56E-08	1.09E-07	1.97E-08	6.56E-09	2.63E-08	1.54E-08	3.16E-09	1.85E-08
9058	625099.93	4266846.94	1.00E-07	3.44E-08	1.34E-07	8.36E-08	2.58E-08	1.09E-07	1.98E-08	6.59E-09	2.64E-08	1.54E-08	3.17E-09	1.86E-08
9059	625090.74	4266850.57	1.01E-07	3.46E-08	1.35E-07	8.40E-08	2.59E-08	1.10E-07	1.99E-08	6.62E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
9060	625081.54	4266854.19	1.01E-07	3.47E-08	1.36E-07	8.44E-08	2.60E-08	1.10E-07	2.00E-08	6.65E-09	2.66E-08	1.56E-08	3.21E-09	1.88E-08
9061	625072.34	4266857.81	1.01E-07	3.49E-08	1.36E-07	8.48E-08	2.61E-08	1.11E-07	2.01E-08	6.68E-09	2.68E-08	1.56E-08	3.22E-09	1.89E-08
9062	625063.15	4266861.43	1.02E-07	3.50E-08	1.37E-07	8.51E-08	2.62E-08	1.11E-07	2.02E-08	6.71E-09	2.69E-08	1.57E-08	3.23E-09	1.89E-08
9063	625053.95	4266865.05	1.02E-07	3.51E-08	1.37E-07	8.54E-08	2.63E-08	1.12E-07	2.02E-08	6.73E-09	2.70E-08	1.58E-08	3.24E-09	1.90E-08
9064	625044.75	4266868.68	1.02E-07	3.52E-08	1.38E-07	8.56E-08	2.64E-08	1.12E-07	2.03E-08	6.75E-09	2.70E-08	1.58E-08	3.25E-09	1.91E-08
9065	625035.56	4266872.3	1.03E-07	3.53E-08	1.38E-07	8.59E-08	2.65E-08	1.12E-07	2.03E-08	6.77E-09	2.71E-08	1.59E-08	3.26E-09	1.91E-08
9066	625026.36	4266875.92	1.03E-07	3.54E-08	1.38E-07	8.61E-08	2.65E-08	1.13E-07	2.04E-08	6.79E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
9067	625017.16	4266879.54	1.03E-07	3.55E-08	1.39E-07	8.63E-08	2.66E-08	1.13E-07	2.04E-08	6.80E-09	2.72E-08	1.59E-08	3.28E-09	1.92E-08
9068	625007.97	4266883.16	1.03E-07	3.56E-08	1.39E-07	8.64E-08	2.66E-08	1.13E-07	2.05E-08	6.81E-09	2.73E-08	1.60E-08	3.28E-09	1.92E-08

9069	624998.77	4266886.79	1.04E-07	3.56E-08	1.39E-07	8.65E-08	2.66E-08	1.13E-07	2.05E-08	6.82E-09	2.73E-08	1.60E-08	3.28E-09	1.93E-08
9070	624989.58	4266890.41	1.04E-07	3.56E-08	1.39E-07	8.66E-08	2.67E-08	1.13E-07	2.05E-08	6.82E-09	2.73E-08	1.60E-08	3.29E-09	1.93E-08
9071	624980.38	4266894.03	1.04E-07	3.56E-08	1.39E-07	8.66E-08	2.67E-08	1.13E-07	2.05E-08	6.83E-09	2.73E-08	1.60E-08	3.29E-09	1.93E-08
9072	624971.18	4266897.65	1.04E-07	3.56E-08	1.39E-07	8.66E-08	2.67E-08	1.13E-07	2.05E-08	6.83E-09	2.73E-08	1.60E-08	3.29E-09	1.93E-08
9073	624961.99	4266901.27	1.04E-07	3.56E-08	1.39E-07	8.65E-08	2.67E-08	1.13E-07	2.05E-08	6.82E-09	2.73E-08	1.60E-08	3.29E-09	1.93E-08
9074	624952.79	4266904.9	1.03E-07	3.56E-08	1.39E-07	8.64E-08	2.66E-08	1.13E-07	2.05E-08	6.81E-09	2.73E-08	1.60E-08	3.28E-09	1.92E-08
9075	624943.59	4266908.52	1.03E-07	3.55E-08	1.39E-07	8.63E-08	2.66E-08	1.13E-07	2.04E-08	6.80E-09	2.72E-08	1.59E-08	3.28E-09	1.92E-08
9076	624934.4	4266912.14	1.03E-07	3.54E-08	1.38E-07	8.61E-08	2.65E-08	1.13E-07	2.04E-08	6.79E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
9077	624925.2	4266915.76	1.03E-07	3.53E-08	1.38E-07	8.59E-08	2.65E-08	1.12E-07	2.03E-08	6.77E-09	2.71E-08	1.59E-08	3.26E-09	1.91E-08
9078	624916	4266919.38	1.02E-07	3.52E-08	1.38E-07	8.56E-08	2.64E-08	1.12E-07	2.03E-08	6.75E-09	2.70E-08	1.58E-08	3.25E-09	1.91E-08
9079	624906.81	4266923.01	1.02E-07	3.51E-08	1.37E-07	8.53E-08	2.63E-08	1.12E-07	2.02E-08	6.73E-09	2.69E-08	1.58E-08	3.24E-09	1.90E-08
9080	624897.61	4266926.63	1.02E-07	3.50E-08	1.37E-07	8.50E-08	2.62E-08	1.11E-07	2.01E-08	6.70E-09	2.68E-08	1.57E-08	3.23E-09	1.89E-08
9081	624888.41	4266930.25	1.01E-07	3.48E-08	1.36E-07	8.47E-08	2.61E-08	1.11E-07	2.01E-08	6.68E-09	2.67E-08	1.56E-08	3.22E-09	1.88E-08
9082	624879.22	4266933.87	1.01E-07	3.47E-08	1.36E-07	8.43E-08	2.60E-08	1.10E-07	2.00E-08	6.65E-09	2.66E-08	1.56E-08	3.20E-09	1.88E-08
9083	624870.02	4266937.49	1.00E-07	3.45E-08	1.35E-07	8.39E-08	2.59E-08	1.10E-07	1.99E-08	6.62E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
9084	624860.83	4266941.12	9.99E-08	3.44E-08	1.34E-07	8.35E-08	2.57E-08	1.09E-07	1.98E-08	6.58E-09	2.64E-08	1.54E-08	3.17E-09	1.86E-08
9085	624851.63	4266944.74	9.94E-08	3.42E-08	1.34E-07	8.31E-08	2.56E-08	1.09E-07	1.97E-08	6.55E-09	2.62E-08	1.53E-08	3.15E-09	1.85E-08
9086	624842.43	4266948.36	9.89E-08	3.40E-08	1.33E-07	8.26E-08	2.55E-08	1.08E-07	1.96E-08	6.51E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
9087	625647.41	4266165.28	5.72E-08	1.97E-08	7.68E-08	4.78E-08	1.47E-08	6.25E-08	1.13E-08	3.77E-09	1.51E-08	8.82E-09	1.81E-09	1.06E-08
9088	625647.58	4266155.35	5.71E-08	1.96E-08	7.67E-08	4.77E-08	1.47E-08	6.24E-08	1.13E-08	3.76E-09	1.51E-08	8.81E-09	1.81E-09	1.06E-08
9089	625647.74	4266145.41	5.70E-08	1.96E-08	7.66E-08	4.76E-08	1.47E-08	6.23E-08	1.13E-08	3.75E-09	1.50E-08	8.79E-09	1.81E-09	1.06E-08
9090	625647.9	4266135.48	5.69E-08	1.96E-08	7.65E-08	4.76E-08	1.46E-08	6.22E-08	1.13E-08	3.75E-09	1.50E-08	8.78E-09	1.81E-09	1.06E-08
9091	625648.07	4266125.55	5.68E-08	1.95E-08	7.63E-08	4.75E-08	1.46E-08	6.21E-08	1.12E-08	3.74E-09	1.50E-08	8.76E-09	1.80E-09	1.06E-08
9092	625648.23	4266115.61	5.67E-08	1.95E-08	7.62E-08	4.74E-08	1.46E-08	6.20E-08	1.12E-08	3.73E-09	1.50E-08	8.75E-09	1.80E-09	1.05E-08
9093	625648.39	4266105.68	5.66E-08	1.95E-08	7.60E-08	4.73E-08	1.46E-08	6.19E-08	1.12E-08	3.73E-09	1.49E-08	8.73E-09	1.80E-09	1.05E-08
9094	625648.56	4266095.75	5.65E-08	1.94E-08	7.59E-08	4.72E-08	1.45E-08	6.17E-08	1.12E-08	3.72E-09	1.49E-08	8.71E-09	1.79E-09	1.05E-08
9095	625648.72	4266085.81	5.64E-08	1.94E-08	7.58E-08	4.71E-08	1.45E-08	6.17E-08	1.12E-08	3.72E-09	1.49E-08	8.70E-09	1.79E-09	1.05E-08
9096	625648.88	4266075.88	5.63E-08	1.94E-08	7.57E-08	4.71E-08	1.45E-08	6.16E-08	1.11E-08	3.71E-09	1.49E-08	8.69E-09	1.79E-09	1.05E-08
9097	625649.05	4266065.95	5.62E-08	1.93E-08	7.55E-08	4.70E-08	1.45E-08	6.15E-08	1.11E-08	3.70E-09	1.48E-08	8.67E-09	1.78E-09	1.05E-08
9098	625649.21	4266056.01	5.61E-08	1.93E-08	7.54E-08	4.69E-08	1.45E-08	6.14E-08	1.11E-08	3.70E-09	1.48E-08	8.66E-09	1.78E-09	1.04E-08
9099	625649.37	4266046.08	5.60E-08	1.93E-08	7.53E-08	4.68E-08	1.44E-08	6.13E-08	1.11E-08	3.69E-09	1.48E-08	8.65E-09	1.78E-09	1.04E-08
9100	625649.54	4266036.15	5.60E-08	1.92E-08	7.52E-08	4.68E-08	1.44E-08	6.12E-08	1.11E-08	3.69E-09	1.48E-08	8.64E-09	1.78E-09	1.04E-08
9101	625649.7	4266026.21	5.59E-08	1.92E-08	7.51E-08	4.67E-08	1.44E-08	6.11E-08	1.11E-08	3.68E-09	1.47E-08	8.62E-09	1.77E-09	1.04E-08
9102	625649.86	4266016.28	5.58E-08	1.92E-08	7.50E-08	4.66E-08	1.44E-08	6.10E-08	1.10E-08	3.68E-09	1.47E-08	8.61E-09	1.77E-09	1.04E-08
9103	625650.03	4266006.35	5.57E-08	1.92E-08	7.49E-08	4.66E-08	1.43E-08	6.09E-08	1.10E-08	3.67E-09	1.47E-08	8.60E-09	1.77E-09	1.04E-08
9104	625650.19	4265996.41	5.56E-08	1.91E-08	7.48E-08	4.65E-08	1.43E-08	6.08E-08	1.10E-08	3.66E-09	1.47E-08	8.58E-09	1.77E-09	1.03E-08
9105	625650.36	4265986.48	5.55E-08	1.91E-08	7.46E-08	4.64E-08	1.43E-08	6.07E-08	1.10E-08	3.66E-09	1.47E-08	8.57E-09	1.76E-09	1.03E-08
9106	625650.52	4265976.55	5.54E-08	1.91E-08	7.45E-08	4.63E-08	1.43E-08	6.06E-08	1.10E-08	3.65E-09	1.46E-08	8.55E-09	1.76E-09	1.03E-08
9107	625650.68	4265966.61	5.53E-08	1.90E-08	7.43E-08	4.62E-08	1.42E-08	6.04E-08	1.09E-08	3.64E-09	1.46E-08	8.53E-09	1.75E-09	1.03E-08
9108	625650.85	4265956.68	5.51E-08	1.90E-08	7.41E-08	4.61E-08	1.42E-08	6.03E-08	1.09E-08	3.63E-09	1.45E-08	8.50E-09	1.75E-09	1.03E-08
9109	625651.01	4265946.75	5.50E-08	1.89E-08	7.39E-08	4.59E-08	1.42E-08	6.01E-08	1.09E-08	3.62E-09	1.45E-08	8.48E-09	1.74E-09	1.02E-08
9110	625651.17	4265936.81	5.48E-08	1.89E-08	7.37E-08	4.58E-08	1.41E-08	5.99E-08	1.09E-08	3.61E-09	1.45E-08	8.46E-09	1.74E-09	1.02E-08
9111	625651.34	4265926.88	5.47E-08	1.88E-08	7.35E-08	4.57E-08	1.41E-08	5.98E-08	1.08E-08	3.60E-09	1.44E-08	8.44E-09	1.74E-09	1.02E-08
9112	625651.5	4265916.95	5.45E-08	1.88E-08	7.33E-08	4.56E-08	1.40E-08	5.96E-08	1.08E-08	3.59E-09	1.44E-08	8.42E-09	1.73E-09	1.01E-08
9113	625651.66	4265907.01	5.44E-08	1.87E-08	7.31E-08	4.55E-08	1.40E-08	5.95E-08	1.08E-08	3.59E-09	1.44E-08	8.40E-09	1.73E-09	1.01E-08
9114	625651.83	4265897.08	5.43E-08	1.87E-08	7.30E-08	4.54E-08	1.40E-08	5.94E-08	1.08E-08	3.58E-09	1.43E-08	8.38E-09	1.72E-09	1.01E-08
9115	625651.99	4265887.15	5.42E-08	1.86E-08	7.28E-08	4.53E-08	1.39E-08	5.92E-08	1.07E-08	3.57E-09	1.43E-08	8.36E-09	1.72E-09	1.01E-08
9116	625652.15	4265877.21	5.40E-08	1.86E-08	7.26E-08	4.52E-08	1.39E-08	5.91E-08	1.07E-08	3.56E-09	1.43E-08	8.34E-09	1.71E-09	1.01E-08
9117	625652.32	4265867.28	5.39E-08	1.85E-08	7.25E-08	4.51E-08	1.39E-08	5.89E-08	1.07E-08	3.55E-09	1.42E-08	8.32E-09	1.71E-09	1.00E-08
9118	625652.48	4265857.35	5.39E-08	1.85E-08	7.24E-08	4.50E-08	1.39E-08	5.89E-08	1.07E-08	3.55E-09	1.42E-08	8.31E-09	1.71E-09	1.00E-08
9119	625652.64	4265847.41	5.39E-08	1.85E-08	7.24E-08	4.50E-08	1.39E-08	5.89E-08	1.07E-08	3.55E-09	1.42E-08	8.32E-09	1.71E-09	1.00E-08
9120	625652.81	4265837.48	5.39E-08	1.85E-08	7.25E-08	4.51E-08	1.39E-08	5.90E-08	1.07E-08	3.55E-09	1.42E-08	8.32E-09	1.71E-09	1.00E-08
9121	625652.97	4265827.55	5.40E-08	1.86E-08	7.25E-08	4.51E-08	1.39E-08	5.90E-08	1.07E-08	3.56E-09	1.42E-08	8.33E-09	1.71E-09	1.00E-08
9122	625653.14	4265817.61	5.41E-08	1.86E-08	7.27E-08	4.52E-08	1.39E-08	5.91E-08	1.07E-08	3.56E-09	1.43E-08	8.34E-09	1.72E-09	1.01E-08
9123	625653.3	4265807.68	5.42E-08	1.86E-08	7.28E-08	4.53E-08	1.40E-08	5.92E-08	1.07E-08	3.57E-09	1.43E-08	8.36E-09	1.72E-09	1.01E-08
9124	625653.46	4265797.75	5.43E-08	1.87E-08	7.30E-08	4.54E-08	1.40E-08	5.94E-08	1.08E-08	3.58E-09	1.43E-08	8.38E-09	1.72E-09	1.01E-08
9125	625653.63	4265787.81	5.45E-08	1.87E-08	7.33E-08	4.56E-08	1.40E-08	5.96E-08	1.08E-08	3.59E-09	1.44E-08	8.41E-09	1.73E-09	1.01E-08
9126	625653.79	4265777.88	5.47E-08	1.88E-08	7.35E-08	4.57E-08	1.41E-08	5.98E-08	1.08E-08	3.61E-09	1.44E-08	8.44E-09	1.74E-09	1.02E-08
9127	625653.95	4265767.95	5.50E-08	1.89E-08	7.39E-08	4.60E-08	1.42E-08	6.01E-08	1.09E-08	3.62E-09	1.45E-08	8.49E-09	1.75E-09	1.02E-08
9128	625654.12	4265758.01	5.53E-08	1.90E-08	7.43E-08	4.62E-08	1.42E-08	6.05E-08	1.09E-08	3.64E-09	1.46E-08	8.54E-09	1.76E-09	1.03E-08
9129	625654.28	4265748.08	5.57E-08	1.91E-08	7.48E-08	4.65E-08	1.43E-08	6.09E-08	1.10E-08	3.67E-09	1.47E-08	8.59E-09	1.77E-09	1.04E-08
9130	625654.44	4265738.15	5.60E-08	1.93E-08	7.53E-08	4.68E-08	1.44E-08	6.12E-08	1.11E-08	3.69E-09	1.48E-08	8.64E-09	1.78E-09	1.04E-08
9131	625654.61	4265728.21	5.64E-08	1.94E-08	7.57E-08	4.71E-08	1.45E-08	6.16E-08	1.12E-08	3.71E-09	1.49E-08	8.70E-09	1.79E-09	1.05E-08
9132	625654.77	4265718.28	5.67E-08	1.95E-08	7.62E-08	4.74E-08	1.46E-08	6.20E-08	1.12E-08	3.74E-09	1.50E-08	8.75E-09	1.80E-09	1.06E-08
9133	625654.93	4265708.35	5.71E-08	1.96E-08	7.67E-08	4.77E-08	1.47E-08	6.24E-08	1.13E-08	3.76E-09	1.51E-08	8.81E-09	1.81E-09	1.06E-08
9134	625655.1	4265698.41	5.75E-08	1.98E-08	7.73E-08	4.81E-08	1.48E-08	6.29E-08	1.14E-08	3.79E-09	1.52E-08	8.87E-09	1.82E-09	1.07E-08
9135	625655.26	4265688.48	5.79E-08	1.99E-08	7.78E-08	4.84E-08	1.49E-08	6.33E-08	1.15E-08	3.81E-09	1.53E-08	8.93E-09	1.84E-09	1.08E-08
9136	625735.63	4266194.03	5.08E-08	1.75E-08	6.83E-08	4.25E-08	1.31E-08	5.56E-08	1.01E-08	3.35E-09	1.34E-08	7.85E-09	1.61E-09	9.46E-09
9137	625731.71	4266203.06	5.11E-08	1.76E-08	6.87E-08	4.27E-08	1.32E-08	5.59E-08	1.01E-08	3.37E-09	1.35E-08	7.89E-09	1.62E-09	9.51E-09
9138	625727.79	4266212.1	5.14E-08	1.77E-08	6.91E-08	4.30E-08	1.32E-08	5.62E-08	1.02E-08	3.39E-09	1.36E-08	7.93E-09	1.63E-09	9.56E-09
9139	625723.87	4266221.13	5.16E-08	1.78E-08	6.94E-08	4.32E-08	1.33E-08	5.65E-08	1.02E-08	3.40E-09	1.36E-08	7.97E-09	1.64E-09	9.61E-09
9140	625719.95	4266230.17	5.19E-08	1.78E-08	6.97E-08	4.33E-08	1.34E-08	5.67E-08	1.03E-08	3.42E-09	1.37E-08	8.00E-09	1.65E-09	9.65E-09

9141	625716.03	4266239.2	5.21E-08	1.79E-08	7.00E-08	4.35E-08	1.34E-08	5.69E-08	1.03E-08	3.43E-09	1.37E-08	8.03E-09	1.65E-09	9.69E-09
9142	625712.11	4266248.23	5.22E-08	1.80E-08	7.02E-08	4.37E-08	1.34E-08	5.71E-08	1.03E-08	3.44E-09	1.38E-08	8.06E-09	1.66E-09	9.72E-09
9143	625708.18	4266257.27	5.24E-08	1.80E-08	7.04E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.45E-09	1.38E-08	8.08E-09	1.66E-09	9.74E-09
9144	625704.26	4266266.3	5.25E-08	1.80E-08	7.05E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.46E-09	1.38E-08	8.09E-09	1.66E-09	9.76E-09
9145	625700.34	4266275.34	5.25E-08	1.81E-08	7.06E-08	4.39E-08	1.35E-08	5.74E-08	1.04E-08	3.46E-09	1.39E-08	8.10E-09	1.67E-09	9.77E-09
9146	625696.42	4266284.37	5.25E-08	1.81E-08	7.06E-08	4.39E-08	1.35E-08	5.74E-08	1.04E-08	3.46E-09	1.39E-08	8.10E-09	1.67E-09	9.77E-09
9147	625692.5	4266293.41	5.25E-08	1.81E-08	7.06E-08	4.39E-08	1.35E-08	5.74E-08	1.04E-08	3.46E-09	1.39E-08	8.10E-09	1.67E-09	9.77E-09
9148	625688.58	4266302.44	5.25E-08	1.80E-08	7.05E-08	4.39E-08	1.35E-08	5.74E-08	1.04E-08	3.46E-09	1.38E-08	8.10E-09	1.67E-09	9.76E-09
9149	625684.66	4266311.48	5.24E-08	1.80E-08	7.04E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.45E-09	1.38E-08	8.08E-09	1.66E-09	9.75E-09
9150	625680.73	4266320.51	5.23E-08	1.80E-08	7.03E-08	4.37E-08	1.35E-08	5.72E-08	1.04E-08	3.45E-09	1.38E-08	8.07E-09	1.66E-09	9.73E-09
9151	625676.81	4266329.54	5.22E-08	1.79E-08	7.01E-08	4.36E-08	1.34E-08	5.70E-08	1.03E-08	3.44E-09	1.38E-08	8.05E-09	1.66E-09	9.71E-09
9152	625672.89	4266338.58	5.20E-08	1.79E-08	6.99E-08	4.35E-08	1.34E-08	5.69E-08	1.03E-08	3.43E-09	1.37E-08	8.03E-09	1.65E-09	9.68E-09
9153	625668.97	4266347.61	5.19E-08	1.78E-08	6.97E-08	4.33E-08	1.34E-08	5.67E-08	1.03E-08	3.42E-09	1.37E-08	8.00E-09	1.65E-09	9.65E-09
9154	625665.05	4266356.65	5.17E-08	1.78E-08	6.94E-08	4.32E-08	1.33E-08	5.65E-08	1.02E-08	3.40E-09	1.36E-08	7.97E-09	1.64E-09	9.61E-09
9155	625661.13	4266365.68	5.15E-08	1.77E-08	6.92E-08	4.30E-08	1.32E-08	5.63E-08	1.02E-08	3.39E-09	1.36E-08	7.94E-09	1.63E-09	9.57E-09
9156	625657.21	4266374.72	5.13E-08	1.76E-08	6.89E-08	4.28E-08	1.32E-08	5.60E-08	1.01E-08	3.38E-09	1.35E-08	7.91E-09	1.63E-09	9.54E-09
9157	625653.29	4266383.75	5.11E-08	1.76E-08	6.86E-08	4.27E-08	1.32E-08	5.58E-08	1.01E-08	3.37E-09	1.35E-08	7.88E-09	1.62E-09	9.50E-09
9158	625649.36	4266392.78	5.09E-08	1.75E-08	6.84E-08	4.26E-08	1.31E-08	5.57E-08	1.01E-08	3.35E-09	1.34E-08	7.86E-09	1.62E-09	9.47E-09
9159	625645.44	4266401.82	5.08E-08	1.75E-08	6.82E-08	4.24E-08	1.31E-08	5.55E-08	1.00E-08	3.34E-09	1.34E-08	7.83E-09	1.61E-09	9.44E-09
9160	625641.52	4266410.85	5.06E-08	1.74E-08	6.80E-08	4.23E-08	1.30E-08	5.54E-08	1.00E-08	3.34E-09	1.34E-08	7.81E-09	1.61E-09	9.42E-09
9161	625637.6	4266419.89	5.05E-08	1.74E-08	6.79E-08	4.22E-08	1.30E-08	5.52E-08	1.00E-08	3.33E-09	1.33E-08	7.80E-09	1.60E-09	9.40E-09
9162	625633.68	4266428.92	5.04E-08	1.73E-08	6.78E-08	4.22E-08	1.30E-08	5.51E-08	9.98E-09	3.32E-09	1.33E-08	7.78E-09	1.60E-09	9.38E-09
9163	625570.94	4266573.47	5.24E-08	1.80E-08	7.04E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.45E-09	1.38E-08	8.08E-09	1.66E-09	9.75E-09
9164	625567.02	4266582.51	5.27E-08	1.81E-08	7.08E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.13E-09	1.67E-09	9.80E-09
9165	625563.09	4266591.54	5.30E-08	1.82E-08	7.12E-08	4.43E-08	1.36E-08	5.79E-08	1.05E-08	3.49E-09	1.40E-08	8.17E-09	1.68E-09	9.85E-09
9166	625559.17	4266600.58	5.33E-08	1.83E-08	7.16E-08	4.45E-08	1.37E-08	5.83E-08	1.05E-08	3.51E-09	1.41E-08	8.22E-09	1.69E-09	9.91E-09
9167	625555.25	4266609.61	5.36E-08	1.84E-08	7.20E-08	4.48E-08	1.38E-08	5.86E-08	1.06E-08	3.53E-09	1.41E-08	8.27E-09	1.70E-09	9.97E-09
9168	625551.33	4266618.64	5.39E-08	1.85E-08	7.25E-08	4.51E-08	1.39E-08	5.90E-08	1.07E-08	3.55E-09	1.42E-08	8.32E-09	1.71E-09	1.00E-08
9169	625547.41	4266627.68	5.43E-08	1.87E-08	7.29E-08	4.54E-08	1.40E-08	5.93E-08	1.07E-08	3.58E-09	1.43E-08	8.38E-09	1.72E-09	1.01E-08
9170	625543.49	4266636.71	5.46E-08	1.88E-08	7.34E-08	4.57E-08	1.41E-08	5.97E-08	1.08E-08	3.60E-09	1.44E-08	8.43E-09	1.73E-09	1.02E-08
9171	625539.57	4266645.75	5.50E-08	1.89E-08	7.39E-08	4.60E-08	1.42E-08	6.01E-08	1.09E-08	3.62E-09	1.45E-08	8.48E-09	1.75E-09	1.02E-08
9172	625535.64	4266654.78	5.53E-08	1.90E-08	7.44E-08	4.63E-08	1.42E-08	6.05E-08	1.10E-08	3.65E-09	1.46E-08	8.54E-09	1.76E-09	1.03E-08
9173	625531.72	4266663.82	5.57E-08	1.92E-08	7.49E-08	4.66E-08	1.43E-08	6.09E-08	1.10E-08	3.67E-09	1.47E-08	8.60E-09	1.77E-09	1.04E-08
9174	625527.8	4266672.85	5.61E-08	1.93E-08	7.54E-08	4.69E-08	1.44E-08	6.13E-08	1.11E-08	3.69E-09	1.48E-08	8.65E-09	1.78E-09	1.04E-08
9175	625523.88	4266681.89	5.64E-08	1.94E-08	7.58E-08	4.72E-08	1.45E-08	6.17E-08	1.12E-08	3.72E-09	1.49E-08	8.71E-09	1.79E-09	1.05E-08
9176	625519.96	4266690.92	5.68E-08	1.95E-08	7.63E-08	4.75E-08	1.46E-08	6.21E-08	1.12E-08	3.74E-09	1.50E-08	8.76E-09	1.80E-09	1.06E-08
9177	625516.04	4266699.95	5.72E-08	1.97E-08	7.68E-08	4.78E-08	1.47E-08	6.25E-08	1.13E-08	3.77E-09	1.51E-08	8.82E-09	1.81E-09	1.06E-08
9178	625512.12	4266708.99	5.75E-08	1.98E-08	7.73E-08	4.81E-08	1.48E-08	6.29E-08	1.14E-08	3.79E-09	1.52E-08	8.87E-09	1.82E-09	1.07E-08
9179	625508.2	4266718.02	5.78E-08	1.99E-08	7.77E-08	4.83E-08	1.49E-08	6.32E-08	1.14E-08	3.81E-09	1.53E-08	8.93E-09	1.84E-09	1.08E-08
9180	625504.27	4266727.06	5.82E-08	2.00E-08	7.82E-08	4.86E-08	1.50E-08	6.36E-08	1.15E-08	3.83E-09	1.53E-08	8.98E-09	1.85E-09	1.08E-08
9181	625500.35	4266736.09	5.85E-08	2.01E-08	7.86E-08	4.89E-08	1.51E-08	6.40E-08	1.16E-08	3.85E-09	1.54E-08	9.03E-09	1.86E-09	1.09E-08
9182	625496.43	4266745.13	5.88E-08	2.02E-08	7.90E-08	4.92E-08	1.51E-08	6.43E-08	1.16E-08	3.87E-09	1.55E-08	9.08E-09	1.87E-09	1.09E-08
9183	625492.51	4266754.16	5.91E-08	2.03E-08	7.94E-08	4.94E-08	1.52E-08	6.46E-08	1.17E-08	3.89E-09	1.56E-08	9.12E-09	1.88E-09	1.10E-08
9184	625488.59	4266763.19	5.94E-08	2.04E-08	7.98E-08	4.96E-08	1.53E-08	6.49E-08	1.18E-08	3.91E-09	1.57E-08	9.17E-09	1.89E-09	1.11E-08
9185	625484.67	4266772.23	5.97E-08	2.05E-08	8.02E-08	4.99E-08	1.54E-08	6.52E-08	1.18E-08	3.93E-09	1.57E-08	9.21E-09	1.89E-09	1.11E-08
9186	625480.75	4266781.26	5.99E-08	2.06E-08	8.05E-08	5.01E-08	1.54E-08	6.55E-08	1.19E-08	3.95E-09	1.58E-08	9.25E-09	1.90E-09	1.11E-08
9187	625476.82	4266790.3	6.02E-08	2.07E-08	8.09E-08	5.03E-08	1.55E-08	6.58E-08	1.19E-08	3.96E-09	1.59E-08	9.28E-09	1.91E-09	1.12E-08
9188	625463.74	4266802.94	6.12E-08	2.11E-08	8.23E-08	5.12E-08	1.58E-08	6.69E-08	1.21E-08	4.03E-09	1.62E-08	9.45E-09	1.94E-09	1.14E-08
9189	625454.58	4266806.55	6.21E-08	2.13E-08	8.34E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.58E-09	1.97E-09	1.15E-08
9190	625445.41	4266810.16	6.29E-08	2.16E-08	8.46E-08	5.26E-08	1.62E-08	6.88E-08	1.25E-08	4.15E-09	1.66E-08	9.71E-09	2.00E-09	1.17E-08
9191	625436.25	4266813.77	6.38E-08	2.19E-08	8.57E-08	5.33E-08	1.64E-08	6.97E-08	1.26E-08	4.20E-09	1.68E-08	9.84E-09	2.02E-09	1.19E-08
9192	625427.08	4266817.38	6.46E-08	2.22E-08	8.68E-08	5.40E-08	1.66E-08	7.06E-08	1.28E-08	4.26E-09	1.70E-08	9.97E-09	2.05E-09	1.20E-08
9193	625417.92	4266820.99	6.54E-08	2.25E-08	8.79E-08	5.47E-08	1.68E-08	7.15E-08	1.29E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
9194	625408.76	4266824.6	6.62E-08	2.28E-08	8.90E-08	5.54E-08	1.71E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
9195	625399.59	4266828.2	6.71E-08	2.31E-08	9.01E-08	5.60E-08	1.73E-08	7.33E-08	1.33E-08	4.42E-09	1.77E-08	1.03E-08	2.13E-09	1.25E-08
9196	625390.43	4266831.81	6.79E-08	2.33E-08	9.12E-08	5.67E-08	1.75E-08	7.42E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
9197	625381.27	4266835.42	6.87E-08	2.36E-08	9.23E-08	5.74E-08	1.77E-08	7.51E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
9198	625372.1	4266839.03	6.94E-08	2.39E-08	9.33E-08	5.80E-08	1.79E-08	7.59E-08	1.37E-08	4.58E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
9199	625362.94	4266842.64	7.02E-08	2.42E-08	9.44E-08	5.87E-08	1.81E-08	7.68E-08	1.39E-08	4.63E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
9200	625353.78	4266846.25	7.10E-08	2.44E-08	9.54E-08	5.93E-08	1.83E-08	7.76E-08	1.41E-08	4.68E-09	1.87E-08	1.10E-08	2.25E-09	1.32E-08
9201	625344.61	4266849.86	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
9202	625335.45	4266853.47	7.25E-08	2.49E-08	9.75E-08	6.06E-08	1.87E-08	7.93E-08	1.44E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
9203	625326.29	4266857.08	7.33E-08	2.52E-08	9.85E-08	6.13E-08	1.89E-08	8.01E-08	1.45E-08	4.83E-09	1.93E-08	1.13E-08	2.33E-09	1.36E-08
9204	625317.12	4266860.69	7.40E-08	2.55E-08	9.95E-08	6.19E-08	1.91E-08	8.09E-08	1.47E-08	4.88E-09	1.95E-08	1.14E-08	2.35E-09	1.38E-08
9205	625307.96	4266864.3	7.48E-08	2.57E-08	1.00E-07	6.25E-08	1.92E-08	8.17E-08	1.48E-08	4.93E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
9206	625298.79	4266867.9	7.55E-08	2.60E-08	1.01E-07	6.31E-08	1.94E-08	8.25E-08	1.49E-08	4.97E-09	1.99E-08	1.16E-08	2.40E-09	1.40E-08
9207	625289.63	4266871.51	7.62E-08	2.62E-08	1.02E-07	6.37E-08	1.96E-08	8.33E-08	1.51E-08	5.02E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
9208	625280.47	4266875.12	7.69E-08	2.65E-08	1.03E-07	6.43E-08	1.98E-08	8.41E-08	1.52E-08	5.07E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
9209	625271.3	4266878.73	7.76E-08	2.67E-08	1.04E-07	6.49E-08	2.00E-08	8.49E-08	1.54E-08	5.11E-09	2.05E-08	1.20E-08	2.46E-09	1.44E-08
9210	625262.14	4266882.34	7.83E-08	2.69E-08	1.05E-07	6.55E-08	2.02E-08	8.56E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
9211	625252.98	4266885.95	7.90E-08	2.72E-08	1.06E-07	6.60E-08	2.03E-08	8.64E-08	1.56E-08	5.21E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
9212	625243.81	4266889.56	7.97E-08	2.74E-08	1.07E-07	6.66E-08	2.05E-08	8.71E-08	1.58E-08	5.25E-09	2.10E-08	1.23E-08	2.53E-09	1.48E-08

9213	625234.65	4266893.17	8.04E-08	2.76E-08	1.08E-07	6.72E-08	2.07E-08	8.78E-08	1.59E-08	5.29E-09	2.12E-08	1.24E-08	2.55E-09	1.49E-08
9214	625225.49	4266896.78	8.10E-08	2.79E-08	1.09E-07	6.77E-08	2.09E-08	8.86E-08	1.60E-08	5.34E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
9215	625216.32	4266900.39	8.16E-08	2.81E-08	1.10E-07	6.82E-08	2.10E-08	8.92E-08	1.62E-08	5.38E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
9216	625207.16	4266903.99	8.22E-08	2.83E-08	1.11E-07	6.87E-08	2.12E-08	8.99E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
9217	625197.99	4266907.6	8.28E-08	2.85E-08	1.11E-07	6.92E-08	2.13E-08	9.06E-08	1.64E-08	5.46E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
9218	625188.83	4266911.21	8.34E-08	2.87E-08	1.12E-07	6.97E-08	2.15E-08	9.12E-08	1.65E-08	5.49E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
9219	625179.67	4266914.82	8.39E-08	2.89E-08	1.13E-07	7.02E-08	2.16E-08	9.18E-08	1.66E-08	5.53E-09	2.21E-08	1.30E-08	2.66E-09	1.56E-08
9220	625170.5	4266918.43	8.44E-08	2.90E-08	1.13E-07	7.06E-08	2.17E-08	9.23E-08	1.67E-08	5.56E-09	2.23E-08	1.30E-08	2.68E-09	1.57E-08
9221	625161.34	4266922.04	8.49E-08	2.92E-08	1.14E-07	7.10E-08	2.19E-08	9.28E-08	1.68E-08	5.60E-09	2.24E-08	1.31E-08	2.70E-09	1.58E-08
9222	625152.18	4266925.65	8.54E-08	2.94E-08	1.15E-07	7.14E-08	2.20E-08	9.33E-08	1.69E-08	5.62E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08
9223	625143.01	4266929.26	8.58E-08	2.95E-08	1.15E-07	7.17E-08	2.21E-08	9.38E-08	1.70E-08	5.65E-09	2.26E-08	1.32E-08	2.72E-09	1.60E-08
9224	625133.85	4266932.87	8.62E-08	2.96E-08	1.16E-07	7.20E-08	2.22E-08	9.42E-08	1.71E-08	5.68E-09	2.27E-08	1.33E-08	2.74E-09	1.60E-08
9225	625124.69	4266936.48	8.66E-08	2.98E-08	1.16E-07	7.24E-08	2.23E-08	9.46E-08	1.71E-08	5.70E-09	2.28E-08	1.34E-08	2.75E-09	1.61E-08
9226	625115.52	4266940.09	8.69E-08	2.99E-08	1.17E-07	7.26E-08	2.24E-08	9.50E-08	1.72E-08	5.73E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
9227	625106.36	4266943.69	8.72E-08	3.00E-08	1.17E-07	7.29E-08	2.25E-08	9.54E-08	1.73E-08	5.75E-09	2.30E-08	1.35E-08	2.77E-09	1.62E-08
9228	625097.2	4266947.3	8.75E-08	3.01E-08	1.18E-07	7.32E-08	2.25E-08	9.57E-08	1.73E-08	5.77E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
9229	625088.03	4266950.91	8.78E-08	3.02E-08	1.18E-07	7.34E-08	2.26E-08	9.60E-08	1.74E-08	5.78E-09	2.32E-08	1.35E-08	2.79E-09	1.63E-08
9230	625078.87	4266954.52	8.80E-08	3.03E-08	1.18E-07	7.36E-08	2.27E-08	9.63E-08	1.74E-08	5.80E-09	2.32E-08	1.36E-08	2.79E-09	1.64E-08
9231	625069.7	4266958.13	8.83E-08	3.04E-08	1.19E-07	7.38E-08	2.27E-08	9.65E-08	1.75E-08	5.82E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
9232	625060.54	4266961.74	8.85E-08	3.04E-08	1.19E-07	7.40E-08	2.28E-08	9.67E-08	1.75E-08	5.83E-09	2.33E-08	1.37E-08	2.81E-09	1.65E-08
9233	625051.38	4266965.35	8.87E-08	3.05E-08	1.19E-07	7.41E-08	2.28E-08	9.69E-08	1.76E-08	5.84E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
9234	625042.21	4266968.96	8.88E-08	3.05E-08	1.19E-07	7.42E-08	2.29E-08	9.71E-08	1.76E-08	5.85E-09	2.34E-08	1.37E-08	2.82E-09	1.65E-08
9235	625033.05	4266972.57	8.90E-08	3.06E-08	1.20E-07	7.44E-08	2.29E-08	9.73E-08	1.76E-08	5.86E-09	2.35E-08	1.37E-08	2.82E-09	1.65E-08
9236	625023.89	4266976.18	8.90E-08	3.06E-08	1.20E-07	7.44E-08	2.29E-08	9.74E-08	1.76E-08	5.87E-09	2.35E-08	1.37E-08	2.83E-09	1.66E-08
9237	625014.72	4266979.79	8.91E-08	3.06E-08	1.20E-07	7.45E-08	2.29E-08	9.74E-08	1.76E-08	5.87E-09	2.35E-08	1.37E-08	2.83E-09	1.66E-08
9238	625005.56	4266983.39	8.91E-08	3.07E-08	1.20E-07	7.45E-08	2.29E-08	9.74E-08	1.76E-08	5.87E-09	2.35E-08	1.38E-08	2.83E-09	1.66E-08
9239	624996.4	4266987	8.91E-08	3.06E-08	1.20E-07	7.45E-08	2.29E-08	9.74E-08	1.76E-08	5.87E-09	2.35E-08	1.38E-08	2.83E-09	1.66E-08
9240	624987.23	4266990.61	8.91E-08	3.06E-08	1.20E-07	7.44E-08	2.29E-08	9.74E-08	1.76E-08	5.87E-09	2.35E-08	1.37E-08	2.83E-09	1.66E-08
9241	624978.07	4266994.22	8.90E-08	3.06E-08	1.20E-07	7.44E-08	2.29E-08	9.73E-08	1.76E-08	5.86E-09	2.35E-08	1.37E-08	2.82E-09	1.65E-08
9242	624968.9	4266997.83	8.88E-08	3.05E-08	1.19E-07	7.42E-08	2.29E-08	9.71E-08	1.76E-08	5.85E-09	2.34E-08	1.37E-08	2.82E-09	1.65E-08
9243	624959.74	4267001.44	8.86E-08	3.05E-08	1.19E-07	7.41E-08	2.28E-08	9.69E-08	1.75E-08	5.84E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
9244	624950.58	4267005.05	8.84E-08	3.04E-08	1.19E-07	7.39E-08	2.28E-08	9.67E-08	1.75E-08	5.82E-09	2.33E-08	1.36E-08	2.81E-09	1.64E-08
9245	624941.41	4267008.66	8.81E-08	3.03E-08	1.18E-07	7.37E-08	2.27E-08	9.64E-08	1.74E-08	5.81E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
9246	624932.25	4267012.27	8.78E-08	3.02E-08	1.18E-07	7.34E-08	2.26E-08	9.60E-08	1.74E-08	5.79E-09	2.32E-08	1.36E-08	2.79E-09	1.63E-08
9247	624923.09	4267015.88	8.75E-08	3.01E-08	1.18E-07	7.31E-08	2.25E-08	9.57E-08	1.73E-08	5.77E-09	2.31E-08	1.35E-08	2.78E-09	1.63E-08
9248	624913.92	4267019.48	8.71E-08	3.00E-08	1.17E-07	7.28E-08	2.24E-08	9.53E-08	1.73E-08	5.74E-09	2.30E-08	1.34E-08	2.77E-09	1.62E-08
9249	624904.76	4267023.09	8.68E-08	2.98E-08	1.17E-07	7.25E-08	2.23E-08	9.49E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
9250	624895.6	4267026.7	8.64E-08	2.97E-08	1.16E-07	7.22E-08	2.22E-08	9.44E-08	1.71E-08	5.69E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
9251	624886.43	4267030.31	8.59E-08	2.95E-08	1.15E-07	7.18E-08	2.21E-08	9.39E-08	1.70E-08	5.66E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
9252	624877.27	4267033.92	8.55E-08	2.94E-08	1.15E-07	7.14E-08	2.20E-08	9.34E-08	1.69E-08	5.63E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08
9253	624868.1	4267037.53	8.50E-08	2.92E-08	1.14E-07	7.11E-08	2.19E-08	9.29E-08	1.68E-08	5.60E-09	2.24E-08	1.31E-08	2.70E-09	1.58E-08
9254	624858.94	4267041.14	8.45E-08	2.91E-08	1.14E-07	7.07E-08	2.18E-08	9.24E-08	1.67E-08	5.57E-09	2.23E-08	1.30E-08	2.68E-09	1.57E-08
9255	624849.78	4267044.75	8.41E-08	2.89E-08	1.13E-07	7.03E-08	2.16E-08	9.19E-08	1.66E-08	5.54E-09	2.22E-08	1.30E-08	2.67E-09	1.56E-08
9256	624840.61	4267048.36	8.36E-08	2.87E-08	1.12E-07	6.98E-08	2.15E-08	9.14E-08	1.65E-08	5.51E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
9257	625747.56	4266156.99	4.97E-08	1.71E-08	6.69E-08	4.16E-08	1.28E-08	5.44E-08	9.85E-09	3.28E-09	1.31E-08	7.68E-09	1.58E-09	9.26E-09
9258	625747.73	4266147.06	4.96E-08	1.71E-08	6.67E-08	4.15E-08	1.28E-08	5.43E-08	9.82E-09	3.27E-09	1.31E-08	7.66E-09	1.57E-09	9.23E-09
9259	625747.89	4266137.13	4.95E-08	1.70E-08	6.65E-08	4.14E-08	1.27E-08	5.41E-08	9.80E-09	3.26E-09	1.31E-08	7.64E-09	1.57E-09	9.21E-09
9260	625748.05	4266127.19	4.94E-08	1.70E-08	6.63E-08	4.13E-08	1.27E-08	5.40E-08	9.77E-09	3.25E-09	1.30E-08	7.62E-09	1.57E-09	9.18E-09
9261	625748.22	4266117.26	4.92E-08	1.69E-08	6.61E-08	4.11E-08	1.27E-08	5.38E-08	9.74E-09	3.24E-09	1.30E-08	7.59E-09	1.56E-09	9.16E-09
9262	625748.38	4266107.33	4.91E-08	1.69E-08	6.59E-08	4.10E-08	1.26E-08	5.36E-08	9.71E-09	3.23E-09	1.29E-08	7.57E-09	1.56E-09	9.13E-09
9263	625748.54	4266097.39	4.89E-08	1.68E-08	6.57E-08	4.09E-08	1.26E-08	5.35E-08	9.68E-09	3.22E-09	1.29E-08	7.55E-09	1.55E-09	9.10E-09
9264	625748.71	4266087.46	4.87E-08	1.68E-08	6.55E-08	4.07E-08	1.25E-08	5.33E-08	9.65E-09	3.21E-09	1.29E-08	7.52E-09	1.55E-09	9.07E-09
9265	625748.87	4266077.53	4.86E-08	1.67E-08	6.53E-08	4.06E-08	1.25E-08	5.31E-08	9.62E-09	3.20E-09	1.28E-08	7.50E-09	1.54E-09	9.04E-09
9266	625749.03	4266067.59	4.84E-08	1.66E-08	6.51E-08	4.05E-08	1.25E-08	5.29E-08	9.58E-09	3.19E-09	1.28E-08	7.47E-09	1.54E-09	9.01E-09
9267	625749.2	4266057.66	4.83E-08	1.66E-08	6.48E-08	4.03E-08	1.24E-08	5.28E-08	9.55E-09	3.18E-09	1.27E-08	7.45E-09	1.53E-09	8.98E-09
9268	625749.36	4266047.73	4.81E-08	1.65E-08	6.46E-08	4.02E-08	1.24E-08	5.26E-08	9.52E-09	3.17E-09	1.27E-08	7.42E-09	1.53E-09	8.95E-09
9269	625749.52	4266037.79	4.79E-08	1.65E-08	6.44E-08	4.01E-08	1.23E-08	5.24E-08	9.49E-09	3.16E-09	1.26E-08	7.40E-09	1.52E-09	8.92E-09
9270	625749.69	4266027.86	4.78E-08	1.64E-08	6.42E-08	3.99E-08	1.23E-08	5.22E-08	9.46E-09	3.15E-09	1.26E-08	7.37E-09	1.52E-09	8.89E-09
9271	625749.85	4266017.93	4.76E-08	1.64E-08	6.40E-08	3.98E-08	1.23E-08	5.21E-08	9.43E-09	3.14E-09	1.26E-08	7.35E-09	1.51E-09	8.86E-09
9272	625750.01	4266007.99	4.74E-08	1.63E-08	6.37E-08	3.96E-08	1.22E-08	5.19E-08	9.39E-09	3.13E-09	1.25E-08	7.32E-09	1.51E-09	8.82E-09
9273	625750.18	4265998.06	4.72E-08	1.62E-08	6.34E-08	3.95E-08	1.22E-08	5.16E-08	9.34E-09	3.11E-09	1.25E-08	7.28E-09	1.50E-09	8.78E-09
9274	625750.34	4265988.13	4.70E-08	1.62E-08	6.31E-08	3.93E-08	1.21E-08	5.14E-08	9.30E-09	3.09E-09	1.24E-08	7.25E-09	1.49E-09	8.74E-09
9275	625750.51	4265978.19	4.68E-08	1.61E-08	6.29E-08	3.91E-08	1.20E-08	5.12E-08	9.26E-09	3.08E-09	1.23E-08	7.22E-09	1.49E-09	8.71E-09
9276	625750.67	4265968.26	4.66E-08	1.60E-08	6.27E-08	3.90E-08	1.20E-08	5.10E-08	9.23E-09	3.07E-09	1.23E-08	7.20E-09	1.48E-09	8.68E-09
9277	625750.83	4265958.33	4.65E-08	1.60E-08	6.25E-08	3.89E-08	1.20E-08	5.08E-08	9.20E-09	3.06E-09	1.23E-08	7.17E-09	1.48E-09	8.65E-09
9278	625751	4265948.39	4.63E-08	1.59E-08	6.22E-08	3.87E-08	1.19E-08	5.06E-08	9.17E-09	3.05E-09	1.22E-08	7.15E-09	1.47E-09	8.62E-09
9279	625751.16	4265938.46	4.61E-08	1.59E-08	6.20E-08	3.85E-08	1.19E-08	5.04E-08	9.13E-09	3.04E-09	1.22E-08	7.12E-09	1.46E-09	8.58E-09
9280	625751.32	4265928.53	4.59E-08	1.58E-08	6.17E-08	3.84E-08	1.18E-08	5.02E-08	9.09E-09	3.03E-09	1.21E-08	7.09E-09	1.46E-09	8.55E-09
9281	625751.49	4265918.59	4.58E-08	1.57E-08	6.15E-08	3.83E-08	1.18E-08	5.00E-08	9.06E-09	3.02E-09	1.21E-08	7.06E-09	1.45E-09	8.52E-09
9282	625751.65	4265908.66	4.56E-08	1.57E-08	6.13E-08	3.81E-08	1.17E-08	4.99E-08	9.03E-09	3.01E-09	1.20E-08	7.04E-09	1.45E-09	8.49E-09
9283	625751.81	4265898.73	4.55E-08	1.56E-08	6.12E-08	3.80E-08	1.17E-08	4.98E-08	9.01E-09	3.00E-09	1.20E-08	7.02E-09	1.44E-09	8.47E-09
9284	625751.98	4265888.79	4.54E-08	1.56E-08	6.10E-08	3.80E-08	1.17E-08	4.97E-08	8.99E-09	2.99E-09	1.20E-08	7.01E-09	1.44E-09	8.45E-09

9285	625752.14	4265878.86	4.54E-08	1.56E-08	6.10E-08	3.79E-08	1.17E-08	4.96E-08	8.98E-09	2.99E-09	1.20E-08	7.00E-09	1.44E-09	8.44E-09
9286	625752.3	4265868.93	4.53E-08	1.56E-08	6.09E-08	3.79E-08	1.17E-08	4.96E-08	8.97E-09	2.99E-09	1.20E-08	7.00E-09	1.44E-09	8.43E-09
9287	625752.47	4265858.99	4.53E-08	1.56E-08	6.09E-08	3.79E-08	1.17E-08	4.95E-08	8.97E-09	2.99E-09	1.20E-08	6.99E-09	1.44E-09	8.43E-09
9288	625752.63	4265849.06	4.53E-08	1.56E-08	6.09E-08	3.79E-08	1.17E-08	4.95E-08	8.97E-09	2.98E-09	1.20E-08	6.99E-09	1.44E-09	8.43E-09
9289	625752.79	4265839.13	4.53E-08	1.56E-08	6.09E-08	3.79E-08	1.17E-08	4.96E-08	8.97E-09	2.99E-09	1.20E-08	6.99E-09	1.44E-09	8.43E-09
9290	625752.96	4265829.19	4.54E-08	1.56E-08	6.10E-08	3.79E-08	1.17E-08	4.96E-08	8.98E-09	2.99E-09	1.20E-08	7.00E-09	1.44E-09	8.44E-09
9291	625753.12	4265819.26	4.55E-08	1.56E-08	6.11E-08	3.80E-08	1.17E-08	4.97E-08	9.00E-09	3.00E-09	1.20E-08	7.02E-09	1.44E-09	8.46E-09
9292	625753.29	4265809.33	4.56E-08	1.57E-08	6.13E-08	3.81E-08	1.17E-08	4.99E-08	9.03E-09	3.01E-09	1.20E-08	7.04E-09	1.45E-09	8.49E-09
9293	625753.45	4265799.39	4.58E-08	1.57E-08	6.15E-08	3.83E-08	1.18E-08	5.01E-08	9.06E-09	3.02E-09	1.21E-08	7.07E-09	1.45E-09	8.52E-09
9294	625753.61	4265789.46	4.60E-08	1.58E-08	6.18E-08	3.84E-08	1.18E-08	5.03E-08	9.11E-09	3.03E-09	1.21E-08	7.10E-09	1.46E-09	8.56E-09
9295	625753.78	4265779.53	4.62E-08	1.59E-08	6.21E-08	3.87E-08	1.19E-08	5.06E-08	9.15E-09	3.05E-09	1.22E-08	7.14E-09	1.47E-09	8.60E-09
9296	625753.94	4265769.59	4.65E-08	1.60E-08	6.25E-08	3.89E-08	1.20E-08	5.08E-08	9.20E-09	3.06E-09	1.23E-08	7.17E-09	1.48E-09	8.65E-09
9297	625754.1	4265759.66	4.68E-08	1.61E-08	6.29E-08	3.91E-08	1.20E-08	5.11E-08	9.26E-09	3.08E-09	1.23E-08	7.22E-09	1.48E-09	8.70E-09
9298	625754.27	4265749.73	4.71E-08	1.62E-08	6.33E-08	3.94E-08	1.21E-08	5.15E-08	9.32E-09	3.10E-09	1.24E-08	7.27E-09	1.49E-09	8.76E-09
9299	625754.43	4265739.79	4.74E-08	1.63E-08	6.37E-08	3.96E-08	1.22E-08	5.18E-08	9.38E-09	3.12E-09	1.25E-08	7.31E-09	1.50E-09	8.82E-09
9300	625754.59	4265729.86	4.77E-08	1.64E-08	6.41E-08	3.99E-08	1.23E-08	5.22E-08	9.45E-09	3.14E-09	1.26E-08	7.37E-09	1.51E-09	8.88E-09
9301	625754.76	4265719.93	4.81E-08	1.65E-08	6.46E-08	4.02E-08	1.24E-08	5.26E-08	9.52E-09	3.17E-09	1.27E-08	7.42E-09	1.53E-09	8.94E-09
9302	625754.92	4265709.99	4.84E-08	1.67E-08	6.51E-08	4.05E-08	1.25E-08	5.29E-08	9.58E-09	3.19E-09	1.28E-08	7.47E-09	1.54E-09	9.01E-09
9303	625755.08	4265700.06	4.88E-08	1.68E-08	6.55E-08	4.08E-08	1.26E-08	5.33E-08	9.65E-09	3.21E-09	1.29E-08	7.52E-09	1.55E-09	9.07E-09
9304	625755.25	4265690.13	4.91E-08	1.69E-08	6.60E-08	4.11E-08	1.26E-08	5.37E-08	9.72E-09	3.24E-09	1.30E-08	7.58E-09	1.56E-09	9.14E-09
9305	625835.65	4266195.6	4.49E-08	1.54E-08	6.04E-08	3.75E-08	1.16E-08	4.91E-08	8.89E-09	2.96E-09	1.19E-08	6.93E-09	1.43E-09	8.36E-09
9306	625831.74	4266204.61	4.52E-08	1.55E-08	6.07E-08	3.78E-08	1.16E-08	4.94E-08	8.95E-09	2.98E-09	1.19E-08	6.97E-09	1.43E-09	8.41E-09
9307	625827.83	4266213.61	4.54E-08	1.56E-08	6.11E-08	3.80E-08	1.17E-08	4.97E-08	8.99E-09	2.99E-09	1.20E-08	7.01E-09	1.44E-09	8.45E-09
9308	625823.92	4266222.62	4.57E-08	1.57E-08	6.14E-08	3.82E-08	1.18E-08	4.99E-08	9.04E-09	3.01E-09	1.20E-08	7.05E-09	1.45E-09	8.50E-09
9309	625820.01	4266231.63	4.59E-08	1.58E-08	6.17E-08	3.84E-08	1.18E-08	5.02E-08	9.08E-09	3.02E-09	1.21E-08	7.08E-09	1.46E-09	8.54E-09
9310	625816.1	4266240.64	4.61E-08	1.58E-08	6.19E-08	3.85E-08	1.19E-08	5.04E-08	9.12E-09	3.04E-09	1.22E-08	7.11E-09	1.46E-09	8.57E-09
9311	625812.19	4266249.65	4.62E-08	1.59E-08	6.22E-08	3.87E-08	1.19E-08	5.06E-08	9.15E-09	3.05E-09	1.22E-08	7.14E-09	1.47E-09	8.60E-09
9312	625808.28	4266258.66	4.64E-08	1.60E-08	6.23E-08	3.88E-08	1.19E-08	5.07E-08	9.18E-09	3.06E-09	1.22E-08	7.16E-09	1.47E-09	8.63E-09
9313	625804.37	4266267.67	4.65E-08	1.60E-08	6.25E-08	3.89E-08	1.20E-08	5.08E-08	9.21E-09	3.06E-09	1.23E-08	7.18E-09	1.48E-09	8.65E-09
9314	625800.46	4266276.68	4.66E-08	1.60E-08	6.26E-08	3.89E-08	1.20E-08	5.09E-08	9.22E-09	3.07E-09	1.23E-08	7.19E-09	1.48E-09	8.67E-09
9315	625796.55	4266285.68	4.67E-08	1.60E-08	6.27E-08	3.90E-08	1.20E-08	5.10E-08	9.24E-09	3.07E-09	1.23E-08	7.20E-09	1.48E-09	8.68E-09
9316	625792.64	4266294.69	4.67E-08	1.61E-08	6.27E-08	3.90E-08	1.20E-08	5.10E-08	9.24E-09	3.08E-09	1.23E-08	7.20E-09	1.48E-09	8.69E-09
9317	625788.73	4266303.7	4.67E-08	1.61E-08	6.27E-08	3.90E-08	1.20E-08	5.10E-08	9.24E-09	3.08E-09	1.23E-08	7.20E-09	1.48E-09	8.68E-09
9318	625784.82	4266312.71	4.66E-08	1.60E-08	6.27E-08	3.90E-08	1.20E-08	5.10E-08	9.23E-09	3.07E-09	1.23E-08	7.20E-09	1.48E-09	8.68E-09
9319	625780.91	4266321.72	4.66E-08	1.60E-08	6.26E-08	3.89E-08	1.20E-08	5.09E-08	9.22E-09	3.07E-09	1.23E-08	7.19E-09	1.48E-09	8.66E-09
9320	625777	4266330.73	4.65E-08	1.60E-08	6.25E-08	3.88E-08	1.20E-08	5.08E-08	9.20E-09	3.06E-09	1.23E-08	7.17E-09	1.47E-09	8.65E-09
9321	625773.09	4266339.74	4.64E-08	1.59E-08	6.23E-08	3.87E-08	1.19E-08	5.07E-08	9.18E-09	3.05E-09	1.22E-08	7.15E-09	1.47E-09	8.62E-09
9322	625769.18	4266348.74	4.62E-08	1.59E-08	6.21E-08	3.86E-08	1.19E-08	5.05E-08	9.15E-09	3.04E-09	1.22E-08	7.13E-09	1.47E-09	8.60E-09
9323	625765.27	4266357.75	4.61E-08	1.58E-08	6.19E-08	3.85E-08	1.19E-08	5.03E-08	9.12E-09	3.03E-09	1.21E-08	7.11E-09	1.46E-09	8.57E-09
9324	625761.36	4266366.76	4.59E-08	1.58E-08	6.17E-08	3.83E-08	1.18E-08	5.02E-08	9.08E-09	3.02E-09	1.21E-08	7.08E-09	1.46E-09	8.54E-09
9325	625757.45	4266375.77	4.57E-08	1.57E-08	6.14E-08	3.82E-08	1.18E-08	5.00E-08	9.05E-09	3.01E-09	1.21E-08	7.05E-09	1.45E-09	8.50E-09
9326	625753.54	4266384.78	4.55E-08	1.56E-08	6.12E-08	3.80E-08	1.17E-08	4.98E-08	9.01E-09	3.00E-09	1.20E-08	7.02E-09	1.44E-09	8.47E-09
9327	625749.63	4266393.79	4.53E-08	1.56E-08	6.09E-08	3.79E-08	1.17E-08	4.95E-08	8.97E-09	2.98E-09	1.20E-08	6.99E-09	1.44E-09	8.43E-09
9328	625745.72	4266402.8	4.51E-08	1.55E-08	6.06E-08	3.77E-08	1.16E-08	4.93E-08	8.93E-09	2.97E-09	1.19E-08	6.96E-09	1.43E-09	8.39E-09
9329	625741.81	4266411.8	4.49E-08	1.54E-08	6.03E-08	3.75E-08	1.16E-08	4.91E-08	8.89E-09	2.96E-09	1.18E-08	6.93E-09	1.43E-09	8.35E-09
9330	625737.9	4266420.81	4.47E-08	1.54E-08	6.01E-08	3.74E-08	1.15E-08	4.89E-08	8.85E-09	2.95E-09	1.18E-08	6.90E-09	1.42E-09	8.32E-09
9331	625733.99	4266429.82	4.46E-08	1.53E-08	5.99E-08	3.72E-08	1.15E-08	4.87E-08	8.82E-09	2.94E-09	1.18E-08	6.88E-09	1.41E-09	8.29E-09
9332	625730.08	4266438.83	4.44E-08	1.53E-08	5.97E-08	3.71E-08	1.14E-08	4.86E-08	8.79E-09	2.93E-09	1.17E-08	6.85E-09	1.41E-09	8.26E-09
9333	625726.17	4266447.84	4.43E-08	1.52E-08	5.95E-08	3.70E-08	1.14E-08	4.84E-08	8.76E-09	2.92E-09	1.17E-08	6.83E-09	1.41E-09	8.24E-09
9334	625722.26	4266456.85	4.42E-08	1.52E-08	5.94E-08	3.69E-08	1.14E-08	4.83E-08	8.74E-09	2.91E-09	1.17E-08	6.82E-09	1.40E-09	8.22E-09
9335	625718.35	4266465.86	4.41E-08	1.52E-08	5.92E-08	3.68E-08	1.14E-08	4.82E-08	8.73E-09	2.90E-09	1.16E-08	6.80E-09	1.40E-09	8.20E-09
9336	625714.44	4266474.87	4.40E-08	1.51E-08	5.92E-08	3.68E-08	1.13E-08	4.81E-08	8.71E-09	2.90E-09	1.16E-08	6.79E-09	1.40E-09	8.19E-09
9337	625710.53	4266483.87	4.40E-08	1.51E-08	5.91E-08	3.68E-08	1.13E-08	4.81E-08	8.70E-09	2.90E-09	1.16E-08	6.79E-09	1.40E-09	8.18E-09
9338	625706.62	4266492.88	4.40E-08	1.51E-08	5.91E-08	3.67E-08	1.13E-08	4.81E-08	8.70E-09	2.90E-09	1.16E-08	6.78E-09	1.39E-09	8.18E-09
9339	625702.71	4266501.89	4.39E-08	1.51E-08	5.90E-08	3.67E-08	1.13E-08	4.80E-08	8.70E-09	2.89E-09	1.16E-08	6.78E-09	1.39E-09	8.17E-09
9340	625698.8	4266510.9	4.39E-08	1.51E-08	5.90E-08	3.67E-08	1.13E-08	4.80E-08	8.70E-09	2.89E-09	1.16E-08	6.78E-09	1.39E-09	8.17E-09
9341	625694.89	4266519.91	4.40E-08	1.51E-08	5.91E-08	3.67E-08	1.13E-08	4.81E-08	8.70E-09	2.90E-09	1.16E-08	6.78E-09	1.40E-09	8.18E-09
9342	625690.98	4266528.92	4.40E-08	1.51E-08	5.91E-08	3.68E-08	1.13E-08	4.81E-08	8.71E-09	2.90E-09	1.16E-08	6.79E-09	1.40E-09	8.19E-09
9343	625687.07	4266537.93	4.41E-08	1.52E-08	5.93E-08	3.69E-08	1.14E-08	4.82E-08	8.73E-09	2.91E-09	1.16E-08	6.80E-09	1.40E-09	8.20E-09
9344	625683.16	4266546.93	4.42E-08	1.52E-08	5.94E-08	3.69E-08	1.14E-08	4.83E-08	8.75E-09	2.91E-09	1.17E-08	6.82E-09	1.40E-09	8.22E-09
9345	625679.25	4266555.94	4.43E-08	1.52E-08	5.95E-08	3.70E-08	1.14E-08	4.84E-08	8.77E-09	2.92E-09	1.17E-08	6.84E-09	1.41E-09	8.24E-09
9346	625675.34	4266564.95	4.44E-08	1.53E-08	5.97E-08	3.71E-08	1.14E-08	4.86E-08	8.79E-09	2.93E-09	1.17E-08	6.86E-09	1.41E-09	8.27E-09
9347	625671.43	4266573.96	4.46E-08	1.53E-08	5.99E-08	3.73E-08	1.15E-08	4.87E-08	8.82E-09	2.94E-09	1.18E-08	6.88E-09	1.41E-09	8.29E-09
9348	625667.52	4266582.97	4.47E-08	1.54E-08	6.01E-08	3.74E-08	1.15E-08	4.89E-08	8.85E-09	2.95E-09	1.18E-08	6.90E-09	1.42E-09	8.32E-09
9349	625663.61	4266591.98	4.49E-08	1.54E-08	6.03E-08	3.75E-08	1.16E-08	4.91E-08	8.88E-09	2.96E-09	1.18E-08	6.92E-09	1.42E-09	8.35E-09
9350	625659.7	4266600.99	4.51E-08	1.55E-08	6.05E-08	3.77E-08	1.16E-08	4.93E-08	8.92E-09	2.97E-09	1.19E-08	6.95E-09	1.43E-09	8.38E-09
9351	625655.79	4266609.99	4.52E-08	1.56E-08	6.08E-08	3.78E-08	1.16E-08	4.95E-08	8.96E-09	2.98E-09	1.19E-08	6.98E-09	1.44E-09	8.42E-09
9352	625651.88	4266619	4.54E-08	1.56E-08	6.11E-08	3.80E-08	1.17E-08	4.97E-08	8.99E-09	2.99E-09	1.20E-08	7.01E-09	1.44E-09	8.45E-09
9353	625647.96	4266628.01	4.57E-08	1.57E-08	6.14E-08	3.82E-08	1.18E-08	4.99E-08	9.04E-09	3.01E-09	1.20E-08	7.04E-09	1.45E-09	8.49E-09
9354	625644.05	4266637.02	4.59E-08	1.58E-08	6.17E-08	3.83E-08	1.18E-08	5.02E-08	9.08E-09	3.02E-09	1.21E-08	7.08E-09	1.46E-09	8.54E-09
9355	625640.14	4266646.03	4.61E-08	1.59E-08	6.20E-08	3.85E-08	1.19E-08	5.04E-08	9.13E-09	3.04E-09	1.22E-08	7.12E-09	1.46E-09	8.58E-09
9356	625636.23	4266655.04	4.64E-08	1.59E-08	6.23E-08	3.88E-08	1.19E-08	5.07E-08	9.18E-09	3.06E-09	1.22E-08	7.16E-09	1.47E-09	8.63E-09

9357	625632.32	4266664.05	4.66E-08	1.60E-08	6.27E-08	3.90E-08	1.20E-08	5.10E-08	9.23E-09	3.07E-09	1.23E-08	7.20E-09	1.48E-09	8.68E-09
9358	625628.41	4266673.06	4.69E-08	1.61E-08	6.30E-08	3.92E-08	1.21E-08	5.13E-08	9.28E-09	3.09E-09	1.24E-08	7.24E-09	1.49E-09	8.73E-09
9359	625624.5	4266682.06	4.72E-08	1.62E-08	6.34E-08	3.94E-08	1.21E-08	5.16E-08	9.34E-09	3.11E-09	1.24E-08	7.28E-09	1.50E-09	8.78E-09
9360	625569.76	4266808.19	5.13E-08	1.76E-08	6.89E-08	4.29E-08	1.32E-08	5.61E-08	1.02E-08	3.38E-09	1.35E-08	7.92E-09	1.63E-09	9.54E-09
9361	625565.85	4266817.19	5.16E-08	1.77E-08	6.93E-08	4.31E-08	1.33E-08	5.64E-08	1.02E-08	3.40E-09	1.36E-08	7.96E-09	1.64E-09	9.59E-09
9362	625561.94	4266826.2	5.18E-08	1.78E-08	6.96E-08	4.33E-08	1.33E-08	5.67E-08	1.03E-08	3.41E-09	1.37E-08	8.00E-09	1.64E-09	9.64E-09
9363	625558.03	4266835.21	5.21E-08	1.79E-08	7.00E-08	4.35E-08	1.34E-08	5.69E-08	1.03E-08	3.43E-09	1.37E-08	8.03E-09	1.65E-09	9.69E-09
9364	625554.12	4266844.22	5.23E-08	1.80E-08	7.03E-08	4.37E-08	1.35E-08	5.72E-08	1.04E-08	3.45E-09	1.38E-08	8.07E-09	1.66E-09	9.73E-09
9365	625550.21	4266853.23	5.25E-08	1.81E-08	7.06E-08	4.39E-08	1.35E-08	5.74E-08	1.04E-08	3.46E-09	1.39E-08	8.10E-09	1.67E-09	9.77E-09
9366	625546.3	4266862.24	5.27E-08	1.81E-08	7.08E-08	4.41E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.13E-09	1.67E-09	9.81E-09
9367	625533.25	4266874.84	5.36E-08	1.84E-08	7.20E-08	4.48E-08	1.38E-08	5.86E-08	1.06E-08	3.53E-09	1.41E-08	8.27E-09	1.70E-09	9.97E-09
9368	625524.11	4266878.44	5.43E-08	1.87E-08	7.29E-08	4.54E-08	1.40E-08	5.93E-08	1.07E-08	3.58E-09	1.43E-08	8.37E-09	1.72E-09	1.01E-08
9369	625514.98	4266882.04	5.49E-08	1.89E-08	7.38E-08	4.59E-08	1.41E-08	6.01E-08	1.09E-08	3.62E-09	1.45E-08	8.48E-09	1.74E-09	1.02E-08
9370	625505.84	4266885.64	5.56E-08	1.91E-08	7.47E-08	4.65E-08	1.43E-08	6.08E-08	1.10E-08	3.66E-09	1.47E-08	8.58E-09	1.77E-09	1.03E-08
9371	625496.7	4266889.24	5.63E-08	1.94E-08	7.56E-08	4.70E-08	1.45E-08	6.15E-08	1.11E-08	3.71E-09	1.49E-08	8.69E-09	1.79E-09	1.05E-08
9372	625487.56	4266892.84	5.69E-08	1.96E-08	7.65E-08	4.76E-08	1.47E-08	6.23E-08	1.13E-08	3.75E-09	1.50E-08	8.79E-09	1.81E-09	1.06E-08
9373	625478.43	4266896.44	5.76E-08	1.98E-08	7.74E-08	4.81E-08	1.48E-08	6.30E-08	1.14E-08	3.80E-09	1.52E-08	8.89E-09	1.83E-09	1.07E-08
9374	625469.29	4266900.04	5.82E-08	2.00E-08	7.83E-08	4.87E-08	1.50E-08	6.37E-08	1.15E-08	3.84E-09	1.54E-08	8.99E-09	1.85E-09	1.08E-08
9375	625460.15	4266903.63	5.89E-08	2.02E-08	7.91E-08	4.92E-08	1.52E-08	6.44E-08	1.17E-08	3.88E-09	1.55E-08	9.09E-09	1.87E-09	1.10E-08
9376	625451.01	4266907.23	5.95E-08	2.05E-08	8.00E-08	4.97E-08	1.53E-08	6.51E-08	1.18E-08	3.92E-09	1.57E-08	9.18E-09	1.89E-09	1.11E-08
9377	625441.88	4266910.83	6.01E-08	2.07E-08	8.08E-08	5.03E-08	1.55E-08	6.57E-08	1.19E-08	3.96E-09	1.59E-08	9.28E-09	1.91E-09	1.12E-08
9378	625432.74	4266914.43	6.07E-08	2.09E-08	8.16E-08	5.08E-08	1.56E-08	6.64E-08	1.20E-08	4.00E-09	1.60E-08	9.37E-09	1.93E-09	1.13E-08
9379	625423.6	4266918.03	6.13E-08	2.11E-08	8.24E-08	5.13E-08	1.58E-08	6.71E-08	1.21E-08	4.04E-09	1.62E-08	9.47E-09	1.95E-09	1.14E-08
9380	625414.46	4266921.63	6.19E-08	2.13E-08	8.32E-08	5.18E-08	1.59E-08	6.77E-08	1.23E-08	4.08E-09	1.63E-08	9.56E-09	1.97E-09	1.15E-08
9381	625405.33	4266925.23	6.25E-08	2.15E-08	8.40E-08	5.23E-08	1.61E-08	6.84E-08	1.24E-08	4.12E-09	1.65E-08	9.65E-09	1.98E-09	1.16E-08
9382	625396.19	4266928.83	6.31E-08	2.17E-08	8.48E-08	5.27E-08	1.62E-08	6.90E-08	1.25E-08	4.16E-09	1.66E-08	9.74E-09	2.00E-09	1.17E-08
9383	625387.05	4266932.42	6.37E-08	2.19E-08	8.56E-08	5.32E-08	1.64E-08	6.96E-08	1.26E-08	4.20E-09	1.68E-08	9.83E-09	2.02E-09	1.18E-08
9384	625377.91	4266936.02	6.43E-08	2.21E-08	8.63E-08	5.37E-08	1.65E-08	7.02E-08	1.27E-08	4.23E-09	1.70E-08	9.91E-09	2.04E-09	1.20E-08
9385	625368.78	4266939.62	6.48E-08	2.23E-08	8.71E-08	5.42E-08	1.67E-08	7.09E-08	1.28E-08	4.27E-09	1.71E-08	1.00E-08	2.06E-09	1.21E-08
9386	625359.64	4266943.22	6.54E-08	2.25E-08	8.79E-08	5.46E-08	1.68E-08	7.15E-08	1.29E-08	4.31E-09	1.72E-08	1.01E-08	2.07E-09	1.22E-08
9387	625350.5	4266946.82	6.59E-08	2.27E-08	8.86E-08	5.51E-08	1.70E-08	7.21E-08	1.31E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
9388	625341.36	4266950.42	6.65E-08	2.29E-08	8.94E-08	5.56E-08	1.71E-08	7.27E-08	1.32E-08	4.38E-09	1.75E-08	1.03E-08	2.11E-09	1.24E-08
9389	625332.23	4266954.02	6.70E-08	2.31E-08	9.01E-08	5.60E-08	1.73E-08	7.33E-08	1.33E-08	4.42E-09	1.77E-08	1.03E-08	2.13E-09	1.25E-08
9390	625323.09	4266957.62	6.76E-08	2.32E-08	9.08E-08	5.65E-08	1.74E-08	7.39E-08	1.34E-08	4.45E-09	1.78E-08	1.04E-08	2.15E-09	1.26E-08
9391	625313.95	4266961.22	6.81E-08	2.34E-08	9.16E-08	5.70E-08	1.75E-08	7.45E-08	1.35E-08	4.49E-09	1.80E-08	1.05E-08	2.16E-09	1.27E-08
9392	625304.81	4266964.81	6.87E-08	2.36E-08	9.23E-08	5.74E-08	1.77E-08	7.51E-08	1.36E-08	4.53E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
9393	625295.68	4266968.41	6.92E-08	2.38E-08	9.30E-08	5.79E-08	1.78E-08	7.57E-08	1.37E-08	4.56E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
9394	625286.54	4266972.01	6.98E-08	2.40E-08	9.37E-08	5.83E-08	1.80E-08	7.63E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.21E-09	1.30E-08
9395	625277.4	4266975.61	7.03E-08	2.42E-08	9.44E-08	5.87E-08	1.81E-08	7.68E-08	1.39E-08	4.63E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
9396	625268.26	4266979.21	7.08E-08	2.43E-08	9.51E-08	5.92E-08	1.82E-08	7.74E-08	1.40E-08	4.66E-09	1.87E-08	1.09E-08	2.25E-09	1.32E-08
9397	625259.13	4266982.81	7.13E-08	2.45E-08	9.58E-08	5.96E-08	1.84E-08	7.79E-08	1.41E-08	4.70E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
9398	625249.99	4266986.41	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
9399	625240.85	4266990.01	7.22E-08	2.48E-08	9.71E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.11E-08	2.29E-09	1.34E-08
9400	625231.71	4266993.6	7.27E-08	2.50E-08	9.77E-08	6.08E-08	1.87E-08	7.95E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
9401	625222.58	4266997.2	7.31E-08	2.51E-08	9.83E-08	6.11E-08	1.88E-08	8.00E-08	1.45E-08	4.82E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
9402	625213.44	4267000.8	7.35E-08	2.53E-08	9.88E-08	6.15E-08	1.89E-08	8.04E-08	1.46E-08	4.85E-09	1.94E-08	1.13E-08	2.33E-09	1.37E-08
9403	625204.3	4267004.4	7.39E-08	2.54E-08	9.94E-08	6.18E-08	1.90E-08	8.08E-08	1.46E-08	4.87E-09	1.95E-08	1.14E-08	2.35E-09	1.38E-08
9404	625195.16	4267008	7.43E-08	2.56E-08	9.99E-08	6.21E-08	1.91E-08	8.12E-08	1.47E-08	4.90E-09	1.96E-08	1.15E-08	2.36E-09	1.38E-08
9405	625186.03	4267011.6	7.47E-08	2.57E-08	1.00E-07	6.24E-08	1.92E-08	8.16E-08	1.48E-08	4.92E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
9406	625176.89	4267015.2	7.50E-08	2.58E-08	1.01E-07	6.27E-08	1.93E-08	8.20E-08	1.48E-08	4.94E-09	1.98E-08	1.16E-08	2.38E-09	1.40E-08
9407	625167.75	4267018.8	7.53E-08	2.59E-08	1.01E-07	6.29E-08	1.94E-08	8.23E-08	1.49E-08	4.96E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
9408	625158.61	4267022.39	7.56E-08	2.60E-08	1.02E-07	6.32E-08	1.95E-08	8.26E-08	1.50E-08	4.98E-09	1.99E-08	1.17E-08	2.40E-09	1.41E-08
9409	625149.48	4267025.99	7.59E-08	2.61E-08	1.02E-07	6.34E-08	1.95E-08	8.29E-08	1.50E-08	5.00E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
9410	625140.34	4267029.59	7.61E-08	2.62E-08	1.02E-07	6.36E-08	1.96E-08	8.32E-08	1.51E-08	5.02E-09	2.01E-08	1.17E-08	2.42E-09	1.42E-08
9411	625131.2	4267033.19	7.64E-08	2.63E-08	1.03E-07	6.38E-08	1.97E-08	8.35E-08	1.51E-08	5.03E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
9412	625122.06	4267036.79	7.66E-08	2.63E-08	1.03E-07	6.40E-08	1.97E-08	8.37E-08	1.52E-08	5.05E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
9413	625112.93	4267040.39	7.68E-08	2.64E-08	1.03E-07	6.42E-08	1.98E-08	8.40E-08	1.52E-08	5.06E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
9414	625103.79	4267043.99	7.70E-08	2.65E-08	1.03E-07	6.44E-08	1.98E-08	8.42E-08	1.52E-08	5.07E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
9415	625094.65	4267047.59	7.72E-08	2.65E-08	1.04E-07	6.45E-08	1.99E-08	8.44E-08	1.53E-08	5.08E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
9416	625085.51	4267051.18	7.73E-08	2.66E-08	1.04E-07	6.46E-08	1.99E-08	8.46E-08	1.53E-08	5.10E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
9417	625076.38	4267054.78	7.75E-08	2.66E-08	1.04E-07	6.48E-08	1.99E-08	8.47E-08	1.53E-08	5.11E-09	2.04E-08	1.20E-08	2.46E-09	1.44E-08
9418	625067.24	4267058.38	7.76E-08	2.67E-08	1.04E-07	6.49E-08	2.00E-08	8.49E-08	1.54E-08	5.11E-09	2.05E-08	1.20E-08	2.46E-09	1.44E-08
9419	625058.1	4267061.98	7.77E-08	2.67E-08	1.04E-07	6.50E-08	2.00E-08	8.50E-08	1.54E-08	5.12E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
9420	625048.96	4267065.58	7.78E-08	2.67E-08	1.05E-07	6.50E-08	2.00E-08	8.50E-08	1.54E-08	5.12E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
9421	625039.83	4267069.18	7.78E-08	2.68E-08	1.05E-07	6.51E-08	2.00E-08	8.51E-08	1.54E-08	5.13E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
9422	625030.69	4267072.78	7.78E-08	2.68E-08	1.05E-07	6.51E-08	2.00E-08	8.51E-08	1.54E-08	5.13E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
9423	625021.55	4267076.38	7.78E-08	2.68E-08	1.05E-07	6.50E-08	2.00E-08	8.51E-08	1.54E-08	5.13E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
9424	625012.41	4267079.97	7.78E-08	2.67E-08	1.05E-07	6.50E-08	2.00E-08	8.50E-08	1.54E-08	5.12E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
9425	625003.28	4267083.57	7.77E-08	2.67E-08	1.04E-07	6.49E-08	2.00E-08	8.49E-08	1.54E-08	5.12E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
9426	624994.14	4267087.17	7.75E-08	2.67E-08	1.04E-07	6.48E-08	2.00E-08	8.48E-08	1.53E-08	5.11E-09	2.05E-08	1.20E-08	2.46E-09	1.44E-08
9427	624985	4267090.77	7.74E-08	2.66E-08	1.04E-07	6.47E-08	1.99E-08	8.46E-08	1.53E-08	5.10E-09	2.04E-08	1.19E-08	2.46E-09	1.44E-08
9428	624975.86	4267094.37	7.72E-08	2.65E-08	1.04E-07	6.45E-08	1.99E-08	8.44E-08	1.53E-08	5.09E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08

9429	624966.73	4267097.97	7.69E-08	2.65E-08	1.03E-07	6.43E-08	1.98E-08	8.41E-08	1.52E-08	5.07E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
9430	624957.59	4267101.57	7.67E-08	2.64E-08	1.03E-07	6.41E-08	1.97E-08	8.38E-08	1.52E-08	5.05E-09	2.02E-08	1.18E-08	2.43E-09	1.43E-08
9431	624948.45	4267105.17	7.64E-08	2.63E-08	1.03E-07	6.38E-08	1.97E-08	8.35E-08	1.51E-08	5.03E-09	2.02E-08	1.18E-08	2.42E-09	1.42E-08
9432	624939.31	4267108.77	7.61E-08	2.62E-08	1.02E-07	6.36E-08	1.96E-08	8.31E-08	1.51E-08	5.01E-09	2.01E-08	1.17E-08	2.41E-09	1.41E-08
9433	624930.18	4267112.36	7.57E-08	2.60E-08	1.02E-07	6.33E-08	1.95E-08	8.28E-08	1.50E-08	4.99E-09	2.00E-08	1.17E-08	2.40E-09	1.41E-08
9434	624921.04	4267115.96	7.53E-08	2.59E-08	1.01E-07	6.30E-08	1.94E-08	8.24E-08	1.49E-08	4.96E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
9435	624911.9	4267119.56	7.50E-08	2.58E-08	1.01E-07	6.26E-08	1.93E-08	8.19E-08	1.48E-08	4.94E-09	1.98E-08	1.16E-08	2.38E-09	1.39E-08
9436	624902.76	4267123.16	7.46E-08	2.56E-08	1.00E-07	6.23E-08	1.92E-08	8.15E-08	1.48E-08	4.91E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
9437	624893.63	4267126.76	7.41E-08	2.55E-08	9.96E-08	6.20E-08	1.91E-08	8.11E-08	1.47E-08	4.89E-09	1.96E-08	1.14E-08	2.35E-09	1.38E-08
9438	624884.49	4267130.36	7.37E-08	2.54E-08	9.91E-08	6.16E-08	1.90E-08	8.06E-08	1.46E-08	4.86E-09	1.95E-08	1.14E-08	2.34E-09	1.37E-08
9439	624875.35	4267133.96	7.33E-08	2.52E-08	9.85E-08	6.13E-08	1.89E-08	8.02E-08	1.45E-08	4.83E-09	1.93E-08	1.13E-08	2.33E-09	1.36E-08
9440	624866.21	4267137.56	7.29E-08	2.51E-08	9.80E-08	6.09E-08	1.88E-08	7.97E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.36E-08
9441	624857.08	4267141.15	7.25E-08	2.49E-08	9.74E-08	6.06E-08	1.87E-08	7.92E-08	1.43E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
9442	624847.94	4267144.75	7.21E-08	2.48E-08	9.68E-08	6.02E-08	1.86E-08	7.88E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
9443	624838.8	4267148.35	7.16E-08	2.46E-08	9.63E-08	5.99E-08	1.84E-08	7.83E-08	1.42E-08	4.72E-09	1.89E-08	1.11E-08	2.27E-09	1.33E-08
9444	625847.55	4266158.64	4.39E-08	1.51E-08	5.90E-08	3.67E-08	1.13E-08	4.80E-08	8.68E-09	2.89E-09	1.16E-08	6.77E-09	1.39E-09	8.16E-09
9445	625847.71	4266148.71	4.37E-08	1.50E-08	5.88E-08	3.65E-08	1.13E-08	4.78E-08	8.66E-09	2.88E-09	1.15E-08	6.75E-09	1.39E-09	8.14E-09
9446	625847.88	4266138.77	4.36E-08	1.50E-08	5.86E-08	3.64E-08	1.12E-08	4.76E-08	8.62E-09	2.87E-09	1.15E-08	6.72E-09	1.38E-09	8.11E-09
9447	625848.04	4266128.84	4.34E-08	1.49E-08	5.83E-08	3.63E-08	1.12E-08	4.74E-08	8.59E-09	2.86E-09	1.14E-08	6.70E-09	1.38E-09	8.07E-09
9448	625848.2	4266118.91	4.32E-08	1.49E-08	5.81E-08	3.61E-08	1.11E-08	4.73E-08	8.56E-09	2.85E-09	1.14E-08	6.67E-09	1.37E-09	8.04E-09
9449	625848.37	4266108.97	4.31E-08	1.48E-08	5.79E-08	3.60E-08	1.11E-08	4.71E-08	8.52E-09	2.84E-09	1.14E-08	6.64E-09	1.37E-09	8.01E-09
9450	625848.53	4266099.04	4.29E-08	1.47E-08	5.76E-08	3.58E-08	1.10E-08	4.69E-08	8.48E-09	2.82E-09	1.13E-08	6.61E-09	1.36E-09	7.97E-09
9451	625848.69	4266089.11	4.26E-08	1.47E-08	5.73E-08	3.56E-08	1.10E-08	4.66E-08	8.44E-09	2.81E-09	1.13E-08	6.58E-09	1.35E-09	7.93E-09
9452	625848.86	4266079.17	4.24E-08	1.46E-08	5.70E-08	3.55E-08	1.09E-08	4.64E-08	8.40E-09	2.79E-09	1.12E-08	6.55E-09	1.35E-09	7.89E-09
9453	625849.02	4266069.24	4.22E-08	1.45E-08	5.67E-08	3.53E-08	1.09E-08	4.61E-08	8.35E-09	2.78E-09	1.11E-08	6.51E-09	1.34E-09	7.85E-09
9454	625849.18	4266059.31	4.19E-08	1.44E-08	5.63E-08	3.50E-08	1.08E-08	4.58E-08	8.30E-09	2.76E-09	1.11E-08	6.47E-09	1.33E-09	7.80E-09
9455	625849.35	4266049.37	4.17E-08	1.43E-08	5.60E-08	3.48E-08	1.07E-08	4.56E-08	8.25E-09	2.75E-09	1.10E-08	6.43E-09	1.32E-09	7.75E-09
9456	625849.51	4266039.44	4.14E-08	1.42E-08	5.57E-08	3.46E-08	1.07E-08	4.53E-08	8.20E-09	2.73E-09	1.09E-08	6.39E-09	1.31E-09	7.71E-09
9457	625849.67	4266029.51	4.12E-08	1.42E-08	5.53E-08	3.44E-08	1.06E-08	4.50E-08	8.15E-09	2.71E-09	1.09E-08	6.35E-09	1.31E-09	7.66E-09
9458	625849.84	4266019.57	4.09E-08	1.41E-08	5.50E-08	3.42E-08	1.05E-08	4.47E-08	8.10E-09	2.70E-09	1.08E-08	6.31E-09	1.30E-09	7.61E-09
9459	625850	4266009.64	4.07E-08	1.40E-08	5.47E-08	3.40E-08	1.05E-08	4.45E-08	8.06E-09	2.68E-09	1.07E-08	6.28E-09	1.29E-09	7.57E-09
9460	625850.16	4265999.71	4.05E-08	1.39E-08	5.44E-08	3.38E-08	1.04E-08	4.43E-08	8.02E-09	2.67E-09	1.07E-08	6.25E-09	1.29E-09	7.53E-09
9461	625850.33	4265989.77	4.03E-08	1.39E-08	5.42E-08	3.37E-08	1.04E-08	4.41E-08	7.98E-09	2.66E-09	1.06E-08	6.22E-09	1.28E-09	7.50E-09
9462	625850.49	4265979.84	4.01E-08	1.38E-08	5.39E-08	3.35E-08	1.03E-08	4.38E-08	7.93E-09	2.64E-09	1.06E-08	6.18E-09	1.27E-09	7.46E-09
9463	625850.66	4265969.91	3.99E-08	1.37E-08	5.36E-08	3.33E-08	1.03E-08	4.36E-08	7.89E-09	2.63E-09	1.05E-08	6.15E-09	1.26E-09	7.41E-09
9464	625850.82	4265959.97	3.96E-08	1.36E-08	5.32E-08	3.31E-08	1.02E-08	4.33E-08	7.84E-09	2.61E-09	1.05E-08	6.11E-09	1.26E-09	7.37E-09
9465	625850.98	4265950.04	3.94E-08	1.36E-08	5.30E-08	3.30E-08	1.02E-08	4.31E-08	7.81E-09	2.60E-09	1.04E-08	6.08E-09	1.25E-09	7.34E-09
9466	625851.15	4265940.11	3.93E-08	1.35E-08	5.28E-08	3.28E-08	1.01E-08	4.30E-08	7.78E-09	2.59E-09	1.04E-08	6.06E-09	1.25E-09	7.31E-09
9467	625851.31	4265930.17	3.91E-08	1.35E-08	5.26E-08	3.27E-08	1.01E-08	4.28E-08	7.75E-09	2.58E-09	1.03E-08	6.04E-09	1.24E-09	7.28E-09
9468	625851.47	4265920.24	3.90E-08	1.34E-08	5.25E-08	3.26E-08	1.00E-08	4.27E-08	7.73E-09	2.57E-09	1.03E-08	6.02E-09	1.24E-09	7.26E-09
9469	625851.64	4265910.31	3.89E-08	1.34E-08	5.23E-08	3.25E-08	1.00E-08	4.26E-08	7.70E-09	2.56E-09	1.03E-08	6.01E-09	1.24E-09	7.24E-09
9470	625851.8	4265900.37	3.88E-08	1.34E-08	5.22E-08	3.25E-08	1.00E-08	4.25E-08	7.69E-09	2.56E-09	1.02E-08	5.99E-09	1.23E-09	7.23E-09
9471	625851.96	4265890.44	3.88E-08	1.33E-08	5.21E-08	3.24E-08	9.99E-09	4.24E-08	7.68E-09	2.56E-09	1.02E-08	5.98E-09	1.23E-09	7.22E-09
9472	625852.13	4265880.51	3.88E-08	1.33E-08	5.21E-08	3.24E-08	9.98E-09	4.24E-08	7.67E-09	2.55E-09	1.02E-08	5.98E-09	1.23E-09	7.21E-09
9473	625852.29	4265870.57	3.87E-08	1.33E-08	5.21E-08	3.24E-08	9.98E-09	4.24E-08	7.67E-09	2.55E-09	1.02E-08	5.98E-09	1.23E-09	7.21E-09
9474	625852.45	4265860.64	3.88E-08	1.33E-08	5.21E-08	3.24E-08	9.98E-09	4.24E-08	7.67E-09	2.55E-09	1.02E-08	5.98E-09	1.23E-09	7.21E-09
9475	625852.62	4265850.71	3.88E-08	1.33E-08	5.22E-08	3.24E-08	9.99E-09	4.24E-08	7.68E-09	2.56E-09	1.02E-08	5.99E-09	1.23E-09	7.22E-09
9476	625852.78	4265840.77	3.89E-08	1.34E-08	5.23E-08	3.25E-08	1.00E-08	4.25E-08	7.70E-09	2.56E-09	1.03E-08	6.00E-09	1.23E-09	7.24E-09
9477	625852.94	4265830.84	3.90E-08	1.34E-08	5.24E-08	3.26E-08	1.00E-08	4.26E-08	7.72E-09	2.57E-09	1.03E-08	6.02E-09	1.24E-09	7.25E-09
9478	625853.11	4265820.91	3.91E-08	1.35E-08	5.26E-08	3.27E-08	1.01E-08	4.28E-08	7.74E-09	2.58E-09	1.03E-08	6.04E-09	1.24E-09	7.28E-09
9479	625853.27	4265810.97	3.93E-08	1.35E-08	5.28E-08	3.28E-08	1.01E-08	4.29E-08	7.77E-09	2.59E-09	1.04E-08	6.06E-09	1.25E-09	7.31E-09
9480	625853.44	4265801.04	3.94E-08	1.36E-08	5.30E-08	3.30E-08	1.02E-08	4.31E-08	7.81E-09	2.60E-09	1.04E-08	6.09E-09	1.25E-09	7.34E-09
9481	625853.6	4265791.11	3.96E-08	1.36E-08	5.33E-08	3.31E-08	1.02E-08	4.33E-08	7.85E-09	2.61E-09	1.05E-08	6.12E-09	1.26E-09	7.37E-09
9482	625853.76	4265781.17	3.99E-08	1.37E-08	5.36E-08	3.33E-08	1.03E-08	4.36E-08	7.89E-09	2.63E-09	1.05E-08	6.15E-09	1.27E-09	7.42E-09
9483	625853.93	4265771.24	4.01E-08	1.38E-08	5.39E-08	3.35E-08	1.03E-08	4.38E-08	7.94E-09	2.64E-09	1.06E-08	6.19E-09	1.27E-09	7.46E-09
9484	625854.09	4265761.31	4.04E-08	1.39E-08	5.42E-08	3.37E-08	1.04E-08	4.41E-08	7.99E-09	2.66E-09	1.06E-08	6.23E-09	1.28E-09	7.51E-09
9485	625854.25	4265751.37	4.06E-08	1.40E-08	5.46E-08	3.40E-08	1.05E-08	4.44E-08	8.04E-09	2.68E-09	1.07E-08	6.27E-09	1.29E-09	7.56E-09
9486	625854.42	4265741.44	4.09E-08	1.41E-08	5.50E-08	3.42E-08	1.05E-08	4.47E-08	8.10E-09	2.69E-09	1.08E-08	6.31E-09	1.30E-09	7.61E-09
9487	625854.58	4265731.51	4.12E-08	1.42E-08	5.54E-08	3.44E-08	1.06E-08	4.50E-08	8.15E-09	2.71E-09	1.09E-08	6.36E-09	1.31E-09	7.66E-09
9488	625854.74	4265721.57	4.15E-08	1.43E-08	5.58E-08	3.47E-08	1.07E-08	4.54E-08	8.21E-09	2.73E-09	1.09E-08	6.40E-09	1.32E-09	7.72E-09
9489	625854.91	4265711.64	4.18E-08	1.44E-08	5.62E-08	3.49E-08	1.08E-08	4.57E-08	8.27E-09	2.75E-09	1.10E-08	6.45E-09	1.33E-09	7.78E-09
9490	625855.07	4265701.71	4.21E-08	1.45E-08	5.66E-08	3.52E-08	1.08E-08	4.60E-08	8.33E-09	2.77E-09	1.11E-08	6.50E-09	1.34E-09	7.83E-09
9491	625855.23	4265691.77	4.24E-08	1.46E-08	5.70E-08	3.54E-08	1.09E-08	4.64E-08	8.39E-09	2.79E-09	1.12E-08	6.54E-09	1.35E-09	7.89E-09
9492	625939.48	4266188.4	3.98E-08	1.37E-08	5.35E-08	3.33E-08	1.02E-08	4.35E-08	7.88E-09	2.62E-09	1.05E-08	6.14E-09	1.26E-09	7.41E-09
9493	625935.53	4266197.5	4.01E-08	1.38E-08	5.39E-08	3.35E-08	1.03E-08	4.38E-08	7.94E-09	2.64E-09	1.06E-08	6.19E-09	1.27E-09	7.46E-09
9494	625931.58	4266206.59	4.04E-08	1.39E-08	5.42E-08	3.37E-08	1.04E-08	4.41E-08	7.99E-09	2.66E-09	1.06E-08	6.23E-09	1.28E-09	7.51E-09
9495	625927.64	4266215.68	4.06E-08	1.40E-08	5.46E-08	3.39E-08	1.05E-08	4.44E-08	8.04E-09	2.67E-09	1.07E-08	6.26E-09	1.29E-09	7.55E-09
9496	625923.69	4266224.78	4.08E-08	1.40E-08	5.49E-08	3.41E-08	1.05E-08	4.46E-08	8.08E-09	2.69E-09	1.08E-08	6.30E-09	1.30E-09	7.60E-09
9497	625919.74	4266233.87	4.10E-08	1.41E-08	5.52E-08	3.43E-08	1.06E-08	4.49E-08	8.12E-09	2.70E-09	1.08E-08	6.33E-09	1.30E-09	7.64E-09
9498	625915.8	4266242.97	4.12E-08	1.42E-08	5.54E-08	3.45E-08	1.06E-08	4.51E-08	8.16E-09	2.72E-09	1.09E-08	6.36E-09	1.31E-09	7.67E-09
9499	625911.85	4266252.06	4.14E-08	1.42E-08	5.57E-08	3.46E-08	1.07E-08	4.53E-08	8.20E-09	2.73E-09	1.09E-08	6.39E-09	1.31E-09	7.71E-09
9500	625907.9	4266261.15	4.16E-08	1.43E-08	5.59E-08	3.47E-08	1.07E-08	4.55E-08	8.23E-09	2.74E-09	1.10E-08	6.41E-09	1.32E-09	7.73E-09

9501	625903.95	4266270.25	4.17E-08	1.43E-08	5.60E-08	3.49E-08	1.07E-08	4.56E-08	8.25E-09	2.75E-09	1.10E-08	6.43E-09	1.32E-09	7.76E-09
9502	625900.01	4266279.34	4.18E-08	1.44E-08	5.62E-08	3.49E-08	1.08E-08	4.57E-08	8.27E-09	2.75E-09	1.10E-08	6.45E-09	1.33E-09	7.78E-09
9503	625896.06	4266288.43	4.19E-08	1.44E-08	5.63E-08	3.50E-08	1.08E-08	4.58E-08	8.29E-09	2.76E-09	1.10E-08	6.46E-09	1.33E-09	7.79E-09
9504	625892.11	4266297.53	4.19E-08	1.44E-08	5.63E-08	3.50E-08	1.08E-08	4.58E-08	8.30E-09	2.76E-09	1.11E-08	6.47E-09	1.33E-09	7.80E-09
9505	625888.17	4266306.62	4.19E-08	1.44E-08	5.64E-08	3.51E-08	1.08E-08	4.58E-08	8.30E-09	2.76E-09	1.11E-08	6.47E-09	1.33E-09	7.80E-09
9506	625884.22	4266315.71	4.19E-08	1.44E-08	5.63E-08	3.50E-08	1.08E-08	4.58E-08	8.30E-09	2.76E-09	1.11E-08	6.47E-09	1.33E-09	7.80E-09
9507	625880.27	4266324.81	4.19E-08	1.44E-08	5.63E-08	3.50E-08	1.08E-08	4.58E-08	8.29E-09	2.76E-09	1.11E-08	6.46E-09	1.33E-09	7.79E-09
9508	625876.33	4266333.9	4.18E-08	1.44E-08	5.62E-08	3.50E-08	1.08E-08	4.57E-08	8.28E-09	2.76E-09	1.10E-08	6.45E-09	1.33E-09	7.78E-09
9509	625872.38	4266342.99	4.17E-08	1.44E-08	5.61E-08	3.49E-08	1.07E-08	4.56E-08	8.26E-09	2.75E-09	1.10E-08	6.44E-09	1.32E-09	7.77E-09
9510	625868.43	4266352.09	4.16E-08	1.43E-08	5.60E-08	3.48E-08	1.07E-08	4.55E-08	8.24E-09	2.74E-09	1.10E-08	6.43E-09	1.32E-09	7.75E-09
9511	625864.48	4266361.18	4.15E-08	1.43E-08	5.58E-08	3.47E-08	1.07E-08	4.54E-08	8.22E-09	2.73E-09	1.10E-08	6.41E-09	1.32E-09	7.72E-09
9512	625860.54	4266370.27	4.14E-08	1.42E-08	5.56E-08	3.46E-08	1.06E-08	4.52E-08	8.19E-09	2.72E-09	1.09E-08	6.38E-09	1.31E-09	7.69E-09
9513	625856.59	4266379.37	4.12E-08	1.42E-08	5.54E-08	3.44E-08	1.06E-08	4.50E-08	8.15E-09	2.71E-09	1.09E-08	6.36E-09	1.31E-09	7.66E-09
9514	625852.64	4266388.46	4.10E-08	1.41E-08	5.51E-08	3.43E-08	1.06E-08	4.48E-08	8.12E-09	2.70E-09	1.08E-08	6.33E-09	1.30E-09	7.63E-09
9515	625848.7	4266397.55	4.08E-08	1.40E-08	5.49E-08	3.41E-08	1.05E-08	4.46E-08	8.08E-09	2.69E-09	1.08E-08	6.30E-09	1.30E-09	7.60E-09
9516	625844.75	4266406.65	4.06E-08	1.40E-08	5.46E-08	3.40E-08	1.05E-08	4.44E-08	8.04E-09	2.68E-09	1.07E-08	6.27E-09	1.29E-09	7.56E-09
9517	625840.8	4266415.74	4.04E-08	1.39E-08	5.44E-08	3.38E-08	1.04E-08	4.42E-08	8.01E-09	2.66E-09	1.07E-08	6.24E-09	1.28E-09	7.52E-09
9518	625836.86	4266424.83	4.02E-08	1.38E-08	5.41E-08	3.36E-08	1.04E-08	4.40E-08	7.97E-09	2.65E-09	1.06E-08	6.21E-09	1.28E-09	7.49E-09
9519	625832.91	4266433.93	4.01E-08	1.38E-08	5.38E-08	3.35E-08	1.03E-08	4.38E-08	7.93E-09	2.64E-09	1.06E-08	6.18E-09	1.27E-09	7.45E-09
9520	625828.96	4266443.02	3.99E-08	1.37E-08	5.36E-08	3.33E-08	1.03E-08	4.36E-08	7.89E-09	2.63E-09	1.05E-08	6.15E-09	1.27E-09	7.42E-09
9521	625825.01	4266452.11	3.97E-08	1.36E-08	5.33E-08	3.32E-08	1.02E-08	4.34E-08	7.85E-09	2.61E-09	1.05E-08	6.12E-09	1.26E-09	7.38E-09
9522	625821.07	4266461.21	3.95E-08	1.36E-08	5.31E-08	3.30E-08	1.02E-08	4.32E-08	7.82E-09	2.60E-09	1.04E-08	6.10E-09	1.25E-09	7.35E-09
9523	625817.12	4266470.3	3.93E-08	1.35E-08	5.29E-08	3.29E-08	1.01E-08	4.30E-08	7.79E-09	2.59E-09	1.04E-08	6.07E-09	1.25E-09	7.32E-09
9524	625813.17	4266479.39	3.92E-08	1.35E-08	5.27E-08	3.28E-08	1.01E-08	4.29E-08	7.76E-09	2.58E-09	1.03E-08	6.05E-09	1.24E-09	7.30E-09
9525	625809.23	4266488.49	3.91E-08	1.34E-08	5.25E-08	3.27E-08	1.01E-08	4.27E-08	7.74E-09	2.58E-09	1.03E-08	6.03E-09	1.24E-09	7.27E-09
9526	625805.28	4266497.58	3.90E-08	1.34E-08	5.24E-08	3.26E-08	1.00E-08	4.26E-08	7.72E-09	2.57E-09	1.03E-08	6.02E-09	1.24E-09	7.26E-09
9527	625801.33	4266506.67	3.89E-08	1.34E-08	5.23E-08	3.25E-08	1.00E-08	4.26E-08	7.70E-09	2.56E-09	1.03E-08	6.01E-09	1.24E-09	7.24E-09
9528	625797.39	4266515.77	3.89E-08	1.34E-08	5.22E-08	3.25E-08	1.00E-08	4.25E-08	7.69E-09	2.56E-09	1.03E-08	6.00E-09	1.23E-09	7.23E-09
9529	625793.44	4266524.86	3.88E-08	1.33E-08	5.22E-08	3.24E-08	9.99E-09	4.24E-08	7.68E-09	2.56E-09	1.02E-08	5.99E-09	1.23E-09	7.22E-09
9530	625789.49	4266533.95	3.88E-08	1.33E-08	5.21E-08	3.24E-08	9.99E-09	4.24E-08	7.68E-09	2.56E-09	1.02E-08	5.99E-09	1.23E-09	7.22E-09
9531	625785.54	4266543.05	3.88E-08	1.33E-08	5.21E-08	3.24E-08	9.99E-09	4.24E-08	7.68E-09	2.56E-09	1.02E-08	5.99E-09	1.23E-09	7.22E-09
9532	625781.6	4266552.14	3.88E-08	1.33E-08	5.21E-08	3.24E-08	9.99E-09	4.24E-08	7.68E-09	2.56E-09	1.02E-08	5.99E-09	1.23E-09	7.22E-09
9533	625777.65	4266561.24	3.88E-08	1.34E-08	5.22E-08	3.25E-08	1.00E-08	4.24E-08	7.68E-09	2.56E-09	1.02E-08	5.99E-09	1.23E-09	7.22E-09
9534	625773.7	4266570.33	3.89E-08	1.34E-08	5.22E-08	3.25E-08	1.00E-08	4.25E-08	7.69E-09	2.56E-09	1.03E-08	6.00E-09	1.23E-09	7.23E-09
9535	625769.76	4266579.42	3.89E-08	1.34E-08	5.23E-08	3.25E-08	1.00E-08	4.25E-08	7.70E-09	2.56E-09	1.03E-08	6.00E-09	1.23E-09	7.24E-09
9536	625765.81	4266588.52	3.90E-08	1.34E-08	5.24E-08	3.26E-08	1.00E-08	4.26E-08	7.71E-09	2.57E-09	1.03E-08	6.01E-09	1.24E-09	7.25E-09
9537	625761.86	4266597.61	3.90E-08	1.34E-08	5.25E-08	3.26E-08	1.01E-08	4.27E-08	7.73E-09	2.57E-09	1.03E-08	6.02E-09	1.24E-09	7.26E-09
9538	625757.92	4266606.7	3.91E-08	1.35E-08	5.26E-08	3.27E-08	1.01E-08	4.28E-08	7.75E-09	2.58E-09	1.03E-08	6.04E-09	1.24E-09	7.28E-09
9539	625753.97	4266615.8	3.92E-08	1.35E-08	5.27E-08	3.28E-08	1.01E-08	4.29E-08	7.77E-09	2.59E-09	1.04E-08	6.06E-09	1.25E-09	7.30E-09
9540	625750.02	4266624.89	3.94E-08	1.35E-08	5.29E-08	3.29E-08	1.01E-08	4.30E-08	7.79E-09	2.59E-09	1.04E-08	6.07E-09	1.25E-09	7.32E-09
9541	625746.07	4266633.98	3.95E-08	1.36E-08	5.31E-08	3.30E-08	1.02E-08	4.32E-08	7.82E-09	2.60E-09	1.04E-08	6.10E-09	1.25E-09	7.35E-09
9542	625742.13	4266643.08	3.96E-08	1.36E-08	5.33E-08	3.31E-08	1.02E-08	4.33E-08	7.85E-09	2.61E-09	1.05E-08	6.12E-09	1.26E-09	7.37E-09
9543	625738.18	4266652.17	3.98E-08	1.37E-08	5.35E-08	3.33E-08	1.02E-08	4.35E-08	7.88E-09	2.62E-09	1.05E-08	6.14E-09	1.26E-09	7.40E-09
9544	625734.23	4266661.26	4.00E-08	1.37E-08	5.37E-08	3.34E-08	1.03E-08	4.37E-08	7.91E-09	2.63E-09	1.05E-08	6.16E-09	1.27E-09	7.43E-09
9545	625730.29	4266670.36	4.01E-08	1.38E-08	5.39E-08	3.35E-08	1.03E-08	4.39E-08	7.94E-09	2.64E-09	1.06E-08	6.19E-09	1.27E-09	7.46E-09
9546	625726.34	4266679.45	4.03E-08	1.39E-08	5.41E-08	3.37E-08	1.04E-08	4.41E-08	7.98E-09	2.65E-09	1.06E-08	6.22E-09	1.28E-09	7.50E-09
9547	625722.39	4266688.54	4.05E-08	1.39E-08	5.44E-08	3.38E-08	1.04E-08	4.43E-08	8.01E-09	2.67E-09	1.07E-08	6.25E-09	1.28E-09	7.53E-09
9548	625718.45	4266697.64	4.07E-08	1.40E-08	5.47E-08	3.40E-08	1.05E-08	4.45E-08	8.05E-09	2.68E-09	1.07E-08	6.28E-09	1.29E-09	7.57E-09
9549	625714.5	4266706.73	4.09E-08	1.41E-08	5.49E-08	3.42E-08	1.05E-08	4.47E-08	8.09E-09	2.69E-09	1.08E-08	6.31E-09	1.30E-09	7.60E-09
9550	625710.55	4266715.82	4.11E-08	1.41E-08	5.52E-08	3.43E-08	1.06E-08	4.49E-08	8.13E-09	2.71E-09	1.08E-08	6.34E-09	1.30E-09	7.64E-09
9551	625706.6	4266724.92	4.13E-08	1.42E-08	5.55E-08	3.45E-08	1.06E-08	4.51E-08	8.17E-09	2.72E-09	1.09E-08	6.37E-09	1.31E-09	7.68E-09
9552	625702.66	4266734.01	4.15E-08	1.43E-08	5.58E-08	3.47E-08	1.07E-08	4.54E-08	8.22E-09	2.74E-09	1.10E-08	6.41E-09	1.32E-09	7.72E-09
9553	625698.71	4266743.1	4.18E-08	1.44E-08	5.61E-08	3.49E-08	1.07E-08	4.56E-08	8.26E-09	2.75E-09	1.10E-08	6.44E-09	1.33E-09	7.77E-09
9554	625694.76	4266752.2	4.20E-08	1.44E-08	5.64E-08	3.51E-08	1.08E-08	4.59E-08	8.31E-09	2.77E-09	1.11E-08	6.48E-09	1.33E-09	7.81E-09
9555	625682.92	4266779.48	4.27E-08	1.47E-08	5.74E-08	3.57E-08	1.10E-08	4.67E-08	8.46E-09	2.82E-09	1.13E-08	6.60E-09	1.36E-09	7.95E-09
9556	625678.98	4266788.57	4.30E-08	1.48E-08	5.78E-08	3.59E-08	1.11E-08	4.70E-08	8.51E-09	2.83E-09	1.13E-08	6.64E-09	1.36E-09	8.00E-09
9557	625675.03	4266797.66	4.33E-08	1.49E-08	5.81E-08	3.62E-08	1.11E-08	4.73E-08	8.56E-09	2.85E-09	1.14E-08	6.68E-09	1.37E-09	8.05E-09
9558	625671.08	4266806.76	4.35E-08	1.50E-08	5.85E-08	3.64E-08	1.12E-08	4.76E-08	8.61E-09	2.87E-09	1.15E-08	6.72E-09	1.38E-09	8.10E-09
9559	625667.13	4266815.85	4.38E-08	1.51E-08	5.88E-08	3.66E-08	1.13E-08	4.79E-08	8.67E-09	2.88E-09	1.15E-08	6.76E-09	1.39E-09	8.14E-09
9560	625663.19	4266824.94	4.40E-08	1.51E-08	5.92E-08	3.68E-08	1.13E-08	4.81E-08	8.72E-09	2.90E-09	1.16E-08	6.79E-09	1.40E-09	8.19E-09
9561	625659.24	4266834.04	4.43E-08	1.52E-08	5.95E-08	3.70E-08	1.14E-08	4.84E-08	8.76E-09	2.92E-09	1.17E-08	6.83E-09	1.41E-09	8.24E-09
9562	625655.29	4266843.13	4.45E-08	1.53E-08	5.98E-08	3.72E-08	1.15E-08	4.87E-08	8.81E-09	2.93E-09	1.17E-08	6.87E-09	1.41E-09	8.28E-09
9563	625651.35	4266852.22	4.48E-08	1.54E-08	6.02E-08	3.74E-08	1.15E-08	4.90E-08	8.86E-09	2.95E-09	1.18E-08	6.91E-09	1.42E-09	8.33E-09
9564	625647.4	4266861.32	4.50E-08	1.55E-08	6.05E-08	3.76E-08	1.16E-08	4.92E-08	8.91E-09	2.97E-09	1.19E-08	6.95E-09	1.43E-09	8.38E-09
9565	625643.45	4266870.41	4.53E-08	1.56E-08	6.08E-08	3.78E-08	1.17E-08	4.95E-08	8.96E-09	2.98E-09	1.19E-08	6.98E-09	1.44E-09	8.42E-09
9566	625639.51	4266879.51	4.55E-08	1.56E-08	6.11E-08	3.80E-08	1.17E-08	4.97E-08	9.00E-09	3.00E-09	1.20E-08	7.02E-09	1.44E-09	8.46E-09
9567	625635.56	4266888.6	4.57E-08	1.57E-08	6.14E-08	3.82E-08	1.18E-08	5.00E-08	9.05E-09	3.01E-09	1.21E-08	7.05E-09	1.45E-09	8.50E-09
9568	625631.61	4266897.69	4.59E-08	1.58E-08	6.17E-08	3.84E-08	1.18E-08	5.02E-08	9.09E-09	3.03E-09	1.21E-08	7.09E-09	1.46E-09	8.55E-09
9569	625627.66	4266906.79	4.61E-08	1.59E-08	6.20E-08	3.86E-08	1.19E-08	5.04E-08	9.13E-09	3.04E-09	1.22E-08	7.12E-09	1.46E-09	8.58E-09
9570	625623.72	4266915.88	4.63E-08	1.59E-08	6.23E-08	3.87E-08	1.19E-08	5.07E-08	9.17E-09	3.05E-09	1.22E-08	7.15E-09	1.47E-09	8.62E-09
9571	625619.77	4266924.97	4.65E-08	1.60E-08	6.25E-08	3.89E-08	1.20E-08	5.09E-08	9.21E-09	3.07E-09	1.23E-08	7.18E-09	1.48E-09	8.66E-09
9572	625565.76	4266961.32	4.97E-08	1.71E-08	6.68E-08	4.15E-08	1.28E-08	5.43E-08	9.84E-09	3.27E-09	1.31E-08	7.67E-09	1.58E-09	9.25E-09

9573	625556.54	4266964.95	5.03E-08	1.73E-08	6.75E-08	4.20E-08	1.29E-08	5.49E-08	9.95E-09	3.31E-09	1.33E-08	7.75E-09	1.59E-09	9.35E-09
9574	625547.31	4266968.59	5.08E-08	1.75E-08	6.83E-08	4.25E-08	1.31E-08	5.55E-08	1.01E-08	3.35E-09	1.34E-08	7.84E-09	1.61E-09	9.45E-09
9575	625538.09	4266972.22	5.13E-08	1.76E-08	6.90E-08	4.29E-08	1.32E-08	5.61E-08	1.02E-08	3.38E-09	1.35E-08	7.92E-09	1.63E-09	9.55E-09
9576	625528.87	4266975.85	5.18E-08	1.78E-08	6.97E-08	4.33E-08	1.33E-08	5.67E-08	1.03E-08	3.42E-09	1.37E-08	8.00E-09	1.65E-09	9.65E-09
9577	625519.64	4266979.49	5.24E-08	1.80E-08	7.04E-08	4.38E-08	1.35E-08	5.72E-08	1.04E-08	3.45E-09	1.38E-08	8.08E-09	1.66E-09	9.74E-09
9578	625510.42	4266983.12	5.29E-08	1.82E-08	7.10E-08	4.42E-08	1.36E-08	5.78E-08	1.05E-08	3.48E-09	1.39E-08	8.16E-09	1.68E-09	9.84E-09
9579	625501.19	4266986.75	5.34E-08	1.84E-08	7.17E-08	4.46E-08	1.37E-08	5.83E-08	1.06E-08	3.52E-09	1.41E-08	8.23E-09	1.69E-09	9.93E-09
9580	625491.97	4266990.38	5.38E-08	1.85E-08	7.24E-08	4.50E-08	1.39E-08	5.89E-08	1.07E-08	3.55E-09	1.42E-08	8.31E-09	1.71E-09	1.00E-08
9581	625482.75	4266994.02	5.43E-08	1.87E-08	7.30E-08	4.54E-08	1.40E-08	5.94E-08	1.08E-08	3.58E-09	1.43E-08	8.38E-09	1.72E-09	1.01E-08
9582	625473.52	4266997.65	5.48E-08	1.88E-08	7.36E-08	4.58E-08	1.41E-08	5.99E-08	1.08E-08	3.61E-09	1.45E-08	8.45E-09	1.74E-09	1.02E-08
9583	625464.3	4267001.28	5.53E-08	1.90E-08	7.43E-08	4.62E-08	1.42E-08	6.04E-08	1.09E-08	3.64E-09	1.46E-08	8.53E-09	1.75E-09	1.03E-08
9584	625455.08	4267004.91	5.57E-08	1.92E-08	7.49E-08	4.66E-08	1.43E-08	6.09E-08	1.10E-08	3.67E-09	1.47E-08	8.60E-09	1.77E-09	1.04E-08
9585	625445.85	4267008.55	5.62E-08	1.93E-08	7.55E-08	4.69E-08	1.45E-08	6.14E-08	1.11E-08	3.70E-09	1.48E-08	8.67E-09	1.78E-09	1.04E-08
9586	625436.63	4267012.18	5.66E-08	1.95E-08	7.61E-08	4.73E-08	1.46E-08	6.19E-08	1.12E-08	3.73E-09	1.49E-08	8.73E-09	1.80E-09	1.05E-08
9587	625427.41	4267015.81	5.70E-08	1.96E-08	7.67E-08	4.77E-08	1.47E-08	6.24E-08	1.13E-08	3.76E-09	1.51E-08	8.80E-09	1.81E-09	1.06E-08
9588	625418.18	4267019.44	5.75E-08	1.98E-08	7.73E-08	4.81E-08	1.48E-08	6.29E-08	1.14E-08	3.79E-09	1.52E-08	8.87E-09	1.82E-09	1.07E-08
9589	625408.96	4267023.08	5.79E-08	1.99E-08	7.78E-08	4.84E-08	1.49E-08	6.33E-08	1.15E-08	3.82E-09	1.53E-08	8.94E-09	1.84E-09	1.08E-08
9590	625399.74	4267026.71	5.84E-08	2.01E-08	7.84E-08	4.88E-08	1.50E-08	6.38E-08	1.16E-08	3.85E-09	1.54E-08	9.01E-09	1.85E-09	1.09E-08
9591	625390.51	4267030.34	5.88E-08	2.02E-08	7.90E-08	4.91E-08	1.51E-08	6.43E-08	1.16E-08	3.87E-09	1.55E-08	9.07E-09	1.87E-09	1.09E-08
9592	625381.29	4267033.98	5.92E-08	2.04E-08	7.96E-08	4.95E-08	1.53E-08	6.48E-08	1.17E-08	3.90E-09	1.56E-08	9.14E-09	1.88E-09	1.10E-08
9593	625372.07	4267037.61	5.97E-08	2.05E-08	8.02E-08	4.99E-08	1.54E-08	6.52E-08	1.18E-08	3.93E-09	1.57E-08	9.21E-09	1.89E-09	1.11E-08
9594	625362.84	4267041.24	6.01E-08	2.07E-08	8.08E-08	5.02E-08	1.55E-08	6.57E-08	1.19E-08	3.96E-09	1.59E-08	9.28E-09	1.91E-09	1.12E-08
9595	625353.62	4267044.87	6.05E-08	2.08E-08	8.14E-08	5.06E-08	1.56E-08	6.62E-08	1.20E-08	3.99E-09	1.60E-08	9.34E-09	1.92E-09	1.13E-08
9596	625344.4	4267048.51	6.10E-08	2.10E-08	8.20E-08	5.10E-08	1.57E-08	6.67E-08	1.21E-08	4.02E-09	1.61E-08	9.41E-09	1.94E-09	1.13E-08
9597	625335.17	4267052.14	6.14E-08	2.11E-08	8.25E-08	5.13E-08	1.58E-08	6.71E-08	1.22E-08	4.05E-09	1.62E-08	9.48E-09	1.95E-09	1.14E-08
9598	625325.95	4267055.77	6.18E-08	2.13E-08	8.31E-08	5.17E-08	1.59E-08	6.76E-08	1.22E-08	4.07E-09	1.63E-08	9.54E-09	1.96E-09	1.15E-08
9599	625316.72	4267059.4	6.23E-08	2.14E-08	8.37E-08	5.21E-08	1.60E-08	6.81E-08	1.23E-08	4.10E-09	1.64E-08	9.61E-09	1.98E-09	1.16E-08
9600	625307.5	4267063.04	6.27E-08	2.16E-08	8.43E-08	5.24E-08	1.61E-08	6.85E-08	1.24E-08	4.13E-09	1.65E-08	9.67E-09	1.99E-09	1.17E-08
9601	625298.28	4267066.67	6.31E-08	2.17E-08	8.48E-08	5.27E-08	1.62E-08	6.90E-08	1.25E-08	4.16E-09	1.66E-08	9.74E-09	2.00E-09	1.17E-08
9602	625289.05	4267070.3	6.35E-08	2.18E-08	8.53E-08	5.31E-08	1.64E-08	6.94E-08	1.26E-08	4.18E-09	1.68E-08	9.80E-09	2.02E-09	1.18E-08
9603	625279.83	4267073.93	6.39E-08	2.20E-08	8.59E-08	5.34E-08	1.65E-08	6.99E-08	1.26E-08	4.21E-09	1.69E-08	9.86E-09	2.03E-09	1.19E-08
9604	625270.61	4267077.57	6.43E-08	2.21E-08	8.64E-08	5.37E-08	1.65E-08	7.03E-08	1.27E-08	4.23E-09	1.70E-08	9.92E-09	2.04E-09	1.20E-08
9605	625261.38	4267081.2	6.46E-08	2.22E-08	8.69E-08	5.40E-08	1.66E-08	7.07E-08	1.28E-08	4.26E-09	1.71E-08	9.97E-09	2.05E-09	1.20E-08
9606	625252.16	4267084.83	6.50E-08	2.23E-08	8.73E-08	5.43E-08	1.67E-08	7.10E-08	1.29E-08	4.28E-09	1.71E-08	1.00E-08	2.06E-09	1.21E-08
9607	625242.94	4267088.47	6.53E-08	2.25E-08	8.78E-08	5.46E-08	1.68E-08	7.14E-08	1.29E-08	4.30E-09	1.72E-08	1.01E-08	2.07E-09	1.22E-08
9608	625233.71	4267092.1	6.56E-08	2.26E-08	8.82E-08	5.49E-08	1.69E-08	7.17E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
9609	625224.49	4267095.73	6.59E-08	2.27E-08	8.86E-08	5.51E-08	1.70E-08	7.21E-08	1.30E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
9610	625215.27	4267099.36	6.62E-08	2.28E-08	8.90E-08	5.53E-08	1.70E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
9611	625206.04	4267103	6.65E-08	2.29E-08	8.93E-08	5.56E-08	1.71E-08	7.27E-08	1.32E-08	4.38E-09	1.75E-08	1.03E-08	2.11E-09	1.24E-08
9612	625196.82	4267106.63	6.67E-08	2.29E-08	8.97E-08	5.58E-08	1.72E-08	7.29E-08	1.32E-08	4.40E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
9613	625187.6	4267110.26	6.70E-08	2.30E-08	9.00E-08	5.60E-08	1.72E-08	7.32E-08	1.33E-08	4.41E-09	1.77E-08	1.03E-08	2.12E-09	1.25E-08
9614	625178.37	4267113.89	6.72E-08	2.31E-08	9.03E-08	5.62E-08	1.73E-08	7.35E-08	1.33E-08	4.43E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
9615	625169.15	4267117.53	6.74E-08	2.32E-08	9.06E-08	5.63E-08	1.74E-08	7.37E-08	1.33E-08	4.44E-09	1.78E-08	1.04E-08	2.14E-09	1.25E-08
9616	625159.93	4267121.16	6.76E-08	2.32E-08	9.08E-08	5.65E-08	1.74E-08	7.39E-08	1.34E-08	4.45E-09	1.78E-08	1.04E-08	2.15E-09	1.26E-08
9617	625150.7	4267124.79	6.78E-08	2.33E-08	9.11E-08	5.67E-08	1.75E-08	7.41E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
9618	625141.48	4267128.42	6.80E-08	2.34E-08	9.13E-08	5.68E-08	1.75E-08	7.43E-08	1.35E-08	4.48E-09	1.79E-08	1.05E-08	2.16E-09	1.26E-08
9619	625132.25	4267132.06	6.81E-08	2.34E-08	9.16E-08	5.69E-08	1.75E-08	7.45E-08	1.35E-08	4.49E-09	1.80E-08	1.05E-08	2.16E-09	1.27E-08
9620	625123.03	4267135.69	6.83E-08	2.35E-08	9.18E-08	5.71E-08	1.76E-08	7.47E-08	1.35E-08	4.50E-09	1.80E-08	1.05E-08	2.17E-09	1.27E-08
9621	625113.81	4267139.32	6.84E-08	2.35E-08	9.20E-08	5.72E-08	1.76E-08	7.48E-08	1.35E-08	4.51E-09	1.81E-08	1.06E-08	2.17E-09	1.27E-08
9622	625104.58	4267142.96	6.85E-08	2.36E-08	9.21E-08	5.73E-08	1.76E-08	7.49E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
9623	625095.36	4267146.59	6.87E-08	2.36E-08	9.23E-08	5.74E-08	1.77E-08	7.51E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
9624	625086.14	4267150.22	6.87E-08	2.36E-08	9.24E-08	5.75E-08	1.77E-08	7.52E-08	1.36E-08	4.53E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
9625	625076.91	4267153.85	6.88E-08	2.37E-08	9.25E-08	5.75E-08	1.77E-08	7.52E-08	1.36E-08	4.53E-09	1.82E-08	1.06E-08	2.18E-09	1.28E-08
9626	625067.69	4267157.49	6.88E-08	2.37E-08	9.25E-08	5.75E-08	1.77E-08	7.53E-08	1.36E-08	4.54E-09	1.82E-08	1.06E-08	2.18E-09	1.28E-08
9627	625058.47	4267161.12	6.89E-08	2.37E-08	9.25E-08	5.75E-08	1.77E-08	7.53E-08	1.36E-08	4.54E-09	1.82E-08	1.06E-08	2.19E-09	1.28E-08
9628	625049.24	4267164.75	6.88E-08	2.37E-08	9.25E-08	5.75E-08	1.77E-08	7.53E-08	1.36E-08	4.53E-09	1.82E-08	1.06E-08	2.18E-09	1.28E-08
9629	625040.02	4267168.38	6.88E-08	2.37E-08	9.24E-08	5.75E-08	1.77E-08	7.52E-08	1.36E-08	4.53E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
9630	625030.8	4267172.02	6.87E-08	2.36E-08	9.23E-08	5.74E-08	1.77E-08	7.51E-08	1.36E-08	4.53E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
9631	625021.57	4267175.65	6.86E-08	2.36E-08	9.22E-08	5.73E-08	1.77E-08	7.50E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
9632	625012.35	4267179.28	6.84E-08	2.35E-08	9.20E-08	5.72E-08	1.76E-08	7.48E-08	1.35E-08	4.51E-09	1.81E-08	1.06E-08	2.17E-09	1.27E-08
9633	625003.13	4267182.91	6.82E-08	2.35E-08	9.17E-08	5.70E-08	1.76E-08	7.46E-08	1.35E-08	4.50E-09	1.80E-08	1.05E-08	2.17E-09	1.27E-08
9634	624993.9	4267186.55	6.80E-08	2.34E-08	9.14E-08	5.69E-08	1.75E-08	7.44E-08	1.35E-08	4.48E-09	1.79E-08	1.05E-08	2.16E-09	1.27E-08
9635	624984.68	4267190.18	6.78E-08	2.33E-08	9.11E-08	5.67E-08	1.75E-08	7.41E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
9636	624975.46	4267193.81	6.75E-08	2.32E-08	9.07E-08	5.64E-08	1.74E-08	7.38E-08	1.34E-08	4.45E-09	1.78E-08	1.04E-08	2.14E-09	1.26E-08
9637	624966.23	4267197.44	6.72E-08	2.31E-08	9.03E-08	5.62E-08	1.73E-08	7.35E-08	1.33E-08	4.43E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
9638	624957.01	4267201.08	6.69E-08	2.30E-08	8.99E-08	5.59E-08	1.72E-08	7.31E-08	1.32E-08	4.41E-09	1.77E-08	1.03E-08	2.12E-09	1.24E-08
9639	624947.78	4267204.71	6.66E-08	2.29E-08	8.95E-08	5.56E-08	1.71E-08	7.28E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
9640	624938.56	4267208.34	6.62E-08	2.28E-08	8.90E-08	5.53E-08	1.70E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
9641	624929.34	4267211.98	6.59E-08	2.26E-08	8.85E-08	5.51E-08	1.70E-08	7.20E-08	1.30E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
9642	624920.11	4267215.61	6.55E-08	2.25E-08	8.80E-08	5.47E-08	1.69E-08	7.16E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
9643	624910.89	4267219.24	6.51E-08	2.24E-08	8.75E-08	5.44E-08	1.68E-08	7.12E-08	1.29E-08	4.29E-09	1.72E-08	1.00E-08	2.07E-09	1.21E-08
9644	624901.67	4267222.87	6.48E-08	2.23E-08	8.70E-08	5.41E-08	1.67E-08	7.08E-08	1.28E-08	4.27E-09	1.71E-08	9.99E-09	2.06E-09	1.20E-08

9645	624892.44	4267226.51	6.44E-08	2.21E-08	8.65E-08	5.38E-08	1.66E-08	7.04E-08	1.27E-08	4.24E-09	1.70E-08	9.94E-09	2.04E-09	1.20E-08
9646	624883.22	4267230.14	6.40E-08	2.20E-08	8.60E-08	5.35E-08	1.65E-08	7.00E-08	1.27E-08	4.22E-09	1.69E-08	9.88E-09	2.03E-09	1.19E-08
9647	624874	4267233.77	6.37E-08	2.19E-08	8.56E-08	5.32E-08	1.64E-08	6.96E-08	1.26E-08	4.19E-09	1.68E-08	9.82E-09	2.02E-09	1.18E-08
9648	624864.77	4267237.4	6.33E-08	2.18E-08	8.51E-08	5.29E-08	1.63E-08	6.92E-08	1.25E-08	4.17E-09	1.67E-08	9.77E-09	2.01E-09	1.18E-08
9649	624855.55	4267241.04	6.30E-08	2.17E-08	8.46E-08	5.26E-08	1.62E-08	6.88E-08	1.25E-08	4.15E-09	1.66E-08	9.72E-09	2.00E-09	1.17E-08
9650	624846.33	4267244.67	6.26E-08	2.15E-08	8.42E-08	5.24E-08	1.61E-08	6.85E-08	1.24E-08	4.13E-09	1.65E-08	9.66E-09	1.99E-09	1.17E-08
9651	624837.1	4267248.3	6.23E-08	2.14E-08	8.37E-08	5.21E-08	1.60E-08	6.81E-08	1.23E-08	4.11E-09	1.64E-08	9.61E-09	1.98E-09	1.16E-08
9652	625947.53	4266160.28	3.91E-08	1.34E-08	5.25E-08	3.27E-08	1.01E-08	4.27E-08	7.73E-09	2.57E-09	1.03E-08	6.03E-09	1.24E-09	7.27E-09
9653	625947.7	4266150.35	3.89E-08	1.34E-08	5.23E-08	3.25E-08	1.00E-08	4.25E-08	7.70E-09	2.56E-09	1.03E-08	6.00E-09	1.23E-09	7.24E-09
9654	625947.86	4266140.42	3.87E-08	1.33E-08	5.20E-08	3.24E-08	9.97E-09	4.23E-08	7.66E-09	2.55E-09	1.02E-08	5.98E-09	1.23E-09	7.20E-09
9655	625948.03	4266130.48	3.85E-08	1.32E-08	5.18E-08	3.22E-08	9.92E-09	4.21E-08	7.63E-09	2.54E-09	1.02E-08	5.95E-09	1.22E-09	7.17E-09
9656	625948.19	4266120.55	3.83E-08	1.32E-08	5.15E-08	3.20E-08	9.87E-09	4.19E-08	7.59E-09	2.53E-09	1.01E-08	5.91E-09	1.22E-09	7.13E-09
9657	625948.35	4266110.62	3.81E-08	1.31E-08	5.12E-08	3.19E-08	9.82E-09	4.17E-08	7.55E-09	2.51E-09	1.01E-08	5.88E-09	1.21E-09	7.09E-09
9658	625948.52	4266100.68	3.79E-08	1.30E-08	5.10E-08	3.17E-08	9.76E-09	4.15E-08	7.50E-09	2.50E-09	1.00E-08	5.85E-09	1.20E-09	7.05E-09
9659	625948.68	4266090.75	3.77E-08	1.30E-08	5.06E-08	3.15E-08	9.70E-09	4.12E-08	7.46E-09	2.48E-09	9.94E-09	5.81E-09	1.20E-09	7.01E-09
9660	625948.84	4266080.82	3.74E-08	1.29E-08	5.03E-08	3.13E-08	9.64E-09	4.09E-08	7.41E-09	2.47E-09	9.88E-09	5.78E-09	1.19E-09	6.96E-09
9661	625949.01	4266070.88	3.72E-08	1.28E-08	5.00E-08	3.11E-08	9.57E-09	4.06E-08	7.36E-09	2.45E-09	9.81E-09	5.74E-09	1.18E-09	6.92E-09
9662	625949.17	4266060.95	3.69E-08	1.27E-08	4.96E-08	3.08E-08	9.50E-09	4.03E-08	7.30E-09	2.43E-09	9.73E-09	5.69E-09	1.17E-09	6.86E-09
9663	625949.33	4266051.02	3.66E-08	1.26E-08	4.92E-08	3.06E-08	9.43E-09	4.00E-08	7.25E-09	2.41E-09	9.66E-09	5.65E-09	1.16E-09	6.81E-09
9664	625949.5	4266041.08	3.63E-08	1.25E-08	4.88E-08	3.04E-08	9.36E-09	3.97E-08	7.19E-09	2.39E-09	9.59E-09	5.61E-09	1.15E-09	6.76E-09
9665	625949.66	4266031.15	3.61E-08	1.24E-08	4.85E-08	3.02E-08	9.29E-09	3.94E-08	7.14E-09	2.38E-09	9.52E-09	5.57E-09	1.14E-09	6.71E-09
9666	625949.82	4266021.22	3.58E-08	1.23E-08	4.81E-08	2.99E-08	9.22E-09	3.92E-08	7.09E-09	2.36E-09	9.45E-09	5.53E-09	1.14E-09	6.66E-09
9667	625949.99	4266011.28	3.56E-08	1.22E-08	4.78E-08	2.97E-08	9.15E-09	3.89E-08	7.04E-09	2.34E-09	9.38E-09	5.49E-09	1.13E-09	6.61E-09
9668	625950.15	4266001.35	3.53E-08	1.21E-08	4.74E-08	2.95E-08	9.09E-09	3.86E-08	6.98E-09	2.33E-09	9.31E-09	5.45E-09	1.12E-09	6.57E-09
9669	625950.31	4265991.42	3.50E-08	1.20E-08	4.71E-08	2.93E-08	9.02E-09	3.83E-08	6.93E-09	2.31E-09	9.24E-09	5.41E-09	1.11E-09	6.52E-09
9670	625950.48	4265981.48	3.48E-08	1.20E-08	4.68E-08	2.91E-08	8.96E-09	3.80E-08	6.89E-09	2.29E-09	9.18E-09	5.37E-09	1.10E-09	6.47E-09
9671	625950.64	4265971.55	3.46E-08	1.19E-08	4.65E-08	2.89E-08	8.91E-09	3.78E-08	6.85E-09	2.28E-09	9.13E-09	5.34E-09	1.10E-09	6.44E-09
9672	625950.81	4265961.62	3.44E-08	1.18E-08	4.63E-08	2.88E-08	8.87E-09	3.77E-08	6.82E-09	2.27E-09	9.09E-09	5.32E-09	1.09E-09	6.41E-09
9673	625950.97	4265951.68	3.43E-08	1.18E-08	4.61E-08	2.87E-08	8.83E-09	3.75E-08	6.79E-09	2.26E-09	9.04E-09	5.29E-09	1.09E-09	6.38E-09
9674	625951.13	4265941.75	3.41E-08	1.17E-08	4.59E-08	2.85E-08	8.79E-09	3.73E-08	6.76E-09	2.25E-09	9.01E-09	5.27E-09	1.08E-09	6.35E-09
9675	625951.3	4265931.82	3.40E-08	1.17E-08	4.57E-08	2.84E-08	8.76E-09	3.72E-08	6.73E-09	2.24E-09	8.97E-09	5.25E-09	1.08E-09	6.33E-09
9676	625951.46	4265921.88	3.39E-08	1.17E-08	4.56E-08	2.83E-08	8.73E-09	3.71E-08	6.71E-09	2.23E-09	8.95E-09	5.23E-09	1.08E-09	6.31E-09
9677	625951.62	4265911.95	3.38E-08	1.16E-08	4.55E-08	2.83E-08	8.71E-09	3.70E-08	6.70E-09	2.23E-09	8.92E-09	5.22E-09	1.07E-09	6.29E-09
9678	625951.79	4265902.02	3.38E-08	1.16E-08	4.54E-08	2.82E-08	8.69E-09	3.69E-08	6.68E-09	2.22E-09	8.91E-09	5.21E-09	1.07E-09	6.28E-09
9679	625951.95	4265892.08	3.37E-08	1.16E-08	4.53E-08	2.82E-08	8.69E-09	3.69E-08	6.68E-09	2.22E-09	8.90E-09	5.21E-09	1.07E-09	6.28E-09
9680	625952.11	4265882.15	3.38E-08	1.16E-08	4.54E-08	2.82E-08	8.69E-09	3.69E-08	6.68E-09	2.22E-09	8.90E-09	5.21E-09	1.07E-09	6.28E-09
9681	625952.28	4265872.22	3.38E-08	1.16E-08	4.54E-08	2.82E-08	8.70E-09	3.69E-08	6.69E-09	2.23E-09	8.91E-09	5.21E-09	1.07E-09	6.29E-09
9682	625952.44	4265862.28	3.38E-08	1.16E-08	4.55E-08	2.83E-08	8.71E-09	3.70E-08	6.70E-09	2.23E-09	8.93E-09	5.22E-09	1.07E-09	6.30E-09
9683	625952.6	4265852.35	3.39E-08	1.17E-08	4.56E-08	2.83E-08	8.73E-09	3.71E-08	6.71E-09	2.23E-09	8.94E-09	5.23E-09	1.08E-09	6.31E-09
9684	625952.77	4265842.42	3.40E-08	1.17E-08	4.57E-08	2.84E-08	8.75E-09	3.72E-08	6.73E-09	2.24E-09	8.97E-09	5.24E-09	1.08E-09	6.32E-09
9685	625952.93	4265832.48	3.41E-08	1.17E-08	4.58E-08	2.85E-08	8.78E-09	3.73E-08	6.75E-09	2.25E-09	8.99E-09	5.26E-09	1.08E-09	6.34E-09
9686	625953.09	4265822.55	3.42E-08	1.18E-08	4.60E-08	2.86E-08	8.81E-09	3.74E-08	6.77E-09	2.25E-09	9.03E-09	5.28E-09	1.09E-09	6.37E-09
9687	625953.26	4265812.62	3.44E-08	1.18E-08	4.62E-08	2.87E-08	8.85E-09	3.76E-08	6.80E-09	2.26E-09	9.07E-09	5.30E-09	1.09E-09	6.39E-09
9688	625953.42	4265802.68	3.45E-08	1.19E-08	4.64E-08	2.89E-08	8.89E-09	3.78E-08	6.84E-09	2.28E-09	9.11E-09	5.33E-09	1.10E-09	6.42E-09
9689	625953.59	4265792.75	3.47E-08	1.19E-08	4.67E-08	2.90E-08	8.94E-09	3.80E-08	6.87E-09	2.29E-09	9.16E-09	5.36E-09	1.10E-09	6.46E-09
9690	625953.75	4265782.82	3.49E-08	1.20E-08	4.69E-08	2.92E-08	8.99E-09	3.82E-08	6.91E-09	2.30E-09	9.21E-09	5.39E-09	1.11E-09	6.50E-09
9691	625953.91	4265772.88	3.51E-08	1.21E-08	4.72E-08	2.94E-08	9.05E-09	3.84E-08	6.96E-09	2.32E-09	9.27E-09	5.42E-09	1.12E-09	6.54E-09
9692	625954.08	4265762.95	3.54E-08	1.22E-08	4.75E-08	2.96E-08	9.11E-09	3.87E-08	7.00E-09	2.33E-09	9.33E-09	5.46E-09	1.12E-09	6.58E-09
9693	625954.24	4265753.02	3.56E-08	1.22E-08	4.79E-08	2.98E-08	9.17E-09	3.89E-08	7.05E-09	2.35E-09	9.40E-09	5.50E-09	1.13E-09	6.63E-09
9694	625954.4	4265743.08	3.59E-08	1.23E-08	4.82E-08	3.00E-08	9.23E-09	3.92E-08	7.10E-09	2.36E-09	9.46E-09	5.53E-09	1.14E-09	6.67E-09
9695	625954.57	4265733.15	3.61E-08	1.24E-08	4.85E-08	3.02E-08	9.29E-09	3.95E-08	7.14E-09	2.38E-09	9.52E-09	5.57E-09	1.15E-09	6.71E-09
9696	625954.73	4265723.22	3.63E-08	1.25E-08	4.88E-08	3.04E-08	9.35E-09	3.97E-08	7.19E-09	2.39E-09	9.58E-09	5.60E-09	1.15E-09	6.76E-09
9697	625954.89	4265713.28	3.66E-08	1.26E-08	4.91E-08	3.06E-08	9.41E-09	4.00E-08	7.24E-09	2.41E-09	9.64E-09	5.64E-09	1.16E-09	6.80E-09
9698	625955.06	4265703.35	3.68E-08	1.27E-08	4.95E-08	3.08E-08	9.48E-09	4.03E-08	7.29E-09	2.43E-09	9.72E-09	5.68E-09	1.17E-09	6.85E-09
9699	625955.22	4265693.42	3.71E-08	1.28E-08	4.99E-08	3.10E-08	9.55E-09	4.06E-08	7.34E-09	2.44E-09	9.79E-09	5.72E-09	1.18E-09	6.90E-09

			T2		T3		T4i		T4f	
			6225	624778.36						
			8.56E-04	2.94E-04	7.16E-04	2.20E-04	1.69E-04	5.64E-05	1.32E-04	2.72E-05
			Yr 1	Yr 2	Yr 1	Yr 2	Yr 1	Yr 2	Yr 1	Yr 2
1	624845.6	4265665.17	5.34E-03	1.84E-03	4.46E-03	1.37E-03	1.06E-03	3.52E-04	8.24E-04	1.69E-04
2	624835.69	4265665.04	5.82E-03	2.00E-03	4.86E-03	1.50E-03	1.15E-03	3.83E-04	8.98E-04	1.85E-04
3	624825.78	4265664.9	6.34E-03	2.18E-03	5.30E-03	1.63E-03	1.26E-03	4.18E-04	9.79E-04	2.01E-04
4	624815.87	4265664.76	6.84E-03	2.35E-03	5.72E-03	1.76E-03	1.35E-03	4.51E-04	1.06E-03	2.17E-04
5	624805.96	4265664.62	7.17E-03	2.46E-03	5.99E-03	1.85E-03	1.42E-03	4.72E-04	1.11E-03	2.27E-04
6	624796.06	4265664.49	7.12E-03	2.45E-03	5.96E-03	1.83E-03	1.41E-03	4.69E-04	1.10E-03	2.26E-04
7	624786.15	4265664.35	6.95E-03	2.39E-03	5.81E-03	1.79E-03	1.38E-03	4.58E-04	1.07E-03	2.21E-04
8	624776.24	4265664.21	7.01E-03	2.41E-03	5.86E-03	1.80E-03	1.39E-03	4.62E-04	1.08E-03	2.22E-04
9	624766.33	4265664.07	7.25E-03	2.49E-03	6.06E-03	1.87E-03	1.44E-03	4.78E-04	1.12E-03	2.30E-04
10	624756.42	4265663.94	7.57E-03	2.60E-03	6.33E-03	1.95E-03	1.50E-03	4.99E-04	1.17E-03	2.40E-04
11	624746.51	4265663.8	7.81E-03	2.68E-03	6.52E-03	2.01E-03	1.55E-03	5.14E-04	1.20E-03	2.48E-04
12	624736.6	4265663.66	7.73E-03	2.66E-03	6.46E-03	1.99E-03	1.53E-03	5.10E-04	1.19E-03	2.45E-04
13	624726.69	4265663.52	7.38E-03	2.54E-03	6.17E-03	1.90E-03	1.46E-03	4.86E-04	1.14E-03	2.34E-04
14	624716.79	4265663.39	7.20E-03	2.48E-03	6.02E-03	1.85E-03	1.43E-03	4.75E-04	1.11E-03	2.29E-04
15	624706.88	4265663.25	7.27E-03	2.50E-03	6.07E-03	1.87E-03	1.44E-03	4.79E-04	1.12E-03	2.31E-04
16	624696.97	4265663.11	7.47E-03	2.57E-03	6.24E-03	1.92E-03	1.48E-03	4.92E-04	1.15E-03	2.37E-04
17	624687.06	4265662.98	7.73E-03	2.66E-03	6.47E-03	1.99E-03	1.53E-03	5.10E-04	1.19E-03	2.45E-04
18	624677.15	4265662.84	7.97E-03	2.74E-03	6.66E-03	2.05E-03	1.58E-03	5.25E-04	1.23E-03	2.53E-04
19	624667.24	4265662.7	8.00E-03	2.75E-03	6.69E-03	2.06E-03	1.58E-03	5.27E-04	1.23E-03	2.54E-04
20	624657.33	4265662.56	7.78E-03	2.67E-03	6.50E-03	2.00E-03	1.54E-03	5.12E-04	1.20E-03	2.47E-04
21	624647.42	4265662.43	7.63E-03	2.62E-03	6.38E-03	1.96E-03	1.51E-03	5.03E-04	1.18E-03	2.42E-04
22	624637.52	4265662.29	7.72E-03	2.66E-03	6.46E-03	1.99E-03	1.53E-03	5.09E-04	1.19E-03	2.45E-04
23	624627.61	4265662.15	7.98E-03	2.74E-03	6.67E-03	2.05E-03	1.58E-03	5.26E-04	1.23E-03	2.53E-04
24	624617.7	4265662.01	8.31E-03	2.86E-03	6.94E-03	2.14E-03	1.64E-03	5.47E-04	1.28E-03	2.64E-04
25	624607.79	4265661.88	8.53E-03	2.93E-03	7.13E-03	2.20E-03	1.69E-03	5.62E-04	1.32E-03	2.71E-04
26	624597.88	4265661.74	8.35E-03	2.87E-03	6.98E-03	2.15E-03	1.65E-03	5.50E-04	1.29E-03	2.65E-04
27	624587.97	4265661.6	7.92E-03	2.72E-03	6.62E-03	2.04E-03	1.57E-03	5.22E-04	1.22E-03	2.51E-04
28	624578.06	4265661.46	7.78E-03	2.67E-03	6.50E-03	2.00E-03	1.54E-03	5.12E-04	1.20E-03	2.47E-04
29	624568.15	4265661.33	7.88E-03	2.71E-03	6.59E-03	2.03E-03	1.56E-03	5.19E-04	1.22E-03	2.50E-04
30	624558.24	4265661.19	8.10E-03	2.78E-03	6.77E-03	2.08E-03	1.60E-03	5.33E-04	1.25E-03	2.57E-04
31	624548.34	4265661.05	8.25E-03	2.84E-03	6.89E-03	2.12E-03	1.63E-03	5.43E-04	1.27E-03	2.62E-04
32	624538.43	4265660.91	8.04E-03	2.76E-03	6.72E-03	2.07E-03	1.59E-03	5.30E-04	1.24E-03	2.55E-04
33	624528.52	4265660.78	7.50E-03	2.58E-03	6.27E-03	1.93E-03	1.49E-03	4.94E-04	1.16E-03	2.38E-04
34	624518.61	4265660.64	7.21E-03	2.48E-03	6.03E-03	1.86E-03	1.43E-03	4.75E-04	1.11E-03	2.29E-04
35	624508.7	4265660.5	7.18E-03	2.47E-03	6.00E-03	1.85E-03	1.42E-03	4.73E-04	1.11E-03	2.28E-04
36	624498.79	4265660.36	7.24E-03	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03	2.30E-04
37	624488.88	4265660.23	7.25E-03	2.49E-03	6.06E-03	1.87E-03	1.44E-03	4.78E-04	1.12E-03	2.30E-04
38	624478.97	4265660.09	6.98E-03	2.40E-03	5.83E-03	1.80E-03	1.38E-03	4.60E-04	1.08E-03	2.22E-04
39	624469.07	4265659.95	6.44E-03	2.22E-03	5.38E-03	1.66E-03	1.28E-03	4.24E-04	9.94E-04	2.04E-04
40	624459.16	4265659.81	6.07E-03	2.09E-03	5.07E-03	1.56E-03	1.20E-03	4.00E-04	9.36E-04	1.92E-04
41	624449.25	4265659.68	5.93E-03	2.04E-03	4.96E-03	1.53E-03	1.17E-03	3.91E-04	9.15E-04	1.88E-04
42	624439.34	4265659.54	5.92E-03	2.04E-03	4.95E-03	1.52E-03	1.17E-03	3.90E-04	9.14E-04	1.88E-04
43	624429.43	4265659.4	5.92E-03	2.04E-03	4.95E-03	1.52E-03	1.17E-03	3.90E-04	9.14E-04	1.88E-04
44	624419.52	4265659.27	5.70E-03	1.96E-03	4.76E-03	1.47E-03	1.13E-03	3.75E-04	8.79E-04	1.81E-04
45	624409.61	4265659.13	5.01E-03	1.72E-03	4.19E-03	1.29E-03	9.92E-04	3.30E-04	7.74E-04	1.59E-04
46	624399.7	4265658.99	4.21E-03	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.49E-04	1.34E-04
47	624389.8	4265658.85	3.67E-03	1.26E-03	3.06E-03	9.44E-04	7.26E-04	2.42E-04	5.66E-04	1.16E-04
48	624379.89	4265658.72	3.28E-03	1.13E-03	2.74E-03	8.43E-04	6.48E-04	2.16E-04	5.05E-04	1.04E-04
49	624369.98	4265658.58	2.96E-03	1.02E-03	2.47E-03	7.62E-04	5.86E-04	1.95E-04	4.57E-04	9.40E-05
50	624360.07	4265658.44	2.70E-03	9.28E-04	2.26E-03	6.95E-04	5.34E-04	1.78E-04	4.17E-04	8.57E-05
51	624872.55	4265668.51	4.33E-03	1.49E-03	3.62E-03	1.11E-03	8.57E-04	2.85E-04	6.68E-04	1.37E-04

52	624845.74	4265655.17	5.06E-03	1.74E-03	4.23E-03	1.30E-03	1.00E-03	3.34E-04	7.81E-04	1.61E-04
53	624835.83	4265655.04	5.46E-03	1.88E-03	4.56E-03	1.41E-03	1.08E-03	3.60E-04	8.42E-04	1.73E-04
54	624825.92	4265654.9	5.85E-03	2.01E-03	4.89E-03	1.51E-03	1.16E-03	3.86E-04	9.03E-04	1.86E-04
55	624816.01	4265654.76	6.19E-03	2.13E-03	5.17E-03	1.59E-03	1.23E-03	4.08E-04	9.55E-04	1.96E-04
56	624806.1	4265654.62	6.37E-03	2.19E-03	5.32E-03	1.64E-03	1.26E-03	4.20E-04	9.83E-04	2.02E-04
57	624796.19	4265654.49	6.36E-03	2.19E-03	5.32E-03	1.64E-03	1.26E-03	4.19E-04	9.81E-04	2.02E-04
58	624786.29	4265654.35	6.33E-03	2.18E-03	5.29E-03	1.63E-03	1.25E-03	4.17E-04	9.76E-04	2.01E-04
59	624776.38	4265654.21	6.42E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.91E-04	2.04E-04
60	624766.47	4265654.08	6.62E-03	2.28E-03	5.53E-03	1.70E-03	1.31E-03	4.36E-04	1.02E-03	2.10E-04
61	624756.56	4265653.94	6.83E-03	2.35E-03	5.71E-03	1.76E-03	1.35E-03	4.50E-04	1.05E-03	2.17E-04
62	624746.65	4265653.8	6.94E-03	2.39E-03	5.80E-03	1.79E-03	1.37E-03	4.57E-04	1.07E-03	2.20E-04
63	624736.74	4265653.66	6.85E-03	2.36E-03	5.73E-03	1.76E-03	1.36E-03	4.51E-04	1.06E-03	2.17E-04
64	624726.83	4265653.53	6.67E-03	2.30E-03	5.58E-03	1.72E-03	1.32E-03	4.40E-04	1.03E-03	2.12E-04
65	624716.92	4265653.39	6.61E-03	2.27E-03	5.53E-03	1.70E-03	1.31E-03	4.36E-04	1.02E-03	2.10E-04
66	624707.02	4265653.25	6.69E-03	2.30E-03	5.59E-03	1.72E-03	1.32E-03	4.41E-04	1.03E-03	2.12E-04
67	624697.11	4265653.11	6.86E-03	2.36E-03	5.73E-03	1.77E-03	1.36E-03	4.52E-04	1.06E-03	2.18E-04
68	624687.2	4265652.98	7.04E-03	2.42E-03	5.88E-03	1.81E-03	1.39E-03	4.64E-04	1.09E-03	2.23E-04
69	624677.29	4265652.84	7.16E-03	2.46E-03	5.98E-03	1.84E-03	1.42E-03	4.72E-04	1.10E-03	2.27E-04
70	624667.38	4265652.7	7.14E-03	2.45E-03	5.97E-03	1.84E-03	1.41E-03	4.70E-04	1.10E-03	2.26E-04
71	624657.47	4265652.56	7.02E-03	2.42E-03	5.87E-03	1.81E-03	1.39E-03	4.63E-04	1.08E-03	2.23E-04
72	624647.56	4265652.43	6.98E-03	2.40E-03	5.84E-03	1.80E-03	1.38E-03	4.60E-04	1.08E-03	2.22E-04
73	624637.65	4265652.29	7.08E-03	2.44E-03	5.92E-03	1.82E-03	1.40E-03	4.67E-04	1.09E-03	2.25E-04
74	624627.74	4265652.15	7.27E-03	2.50E-03	6.08E-03	1.87E-03	1.44E-03	4.79E-04	1.12E-03	2.31E-04
75	624617.84	4265652.01	7.47E-03	2.57E-03	6.24E-03	1.92E-03	1.48E-03	4.92E-04	1.15E-03	2.37E-04
76	624607.93	4265651.88	7.53E-03	2.59E-03	6.29E-03	1.94E-03	1.49E-03	4.96E-04	1.16E-03	2.39E-04
77	624598.02	4265651.74	7.36E-03	2.53E-03	6.15E-03	1.89E-03	1.46E-03	4.85E-04	1.14E-03	2.33E-04
78	624588.11	4265651.6	7.13E-03	2.45E-03	5.96E-03	1.83E-03	1.41E-03	4.69E-04	1.10E-03	2.26E-04
79	624578.2	4265651.46	7.06E-03	2.43E-03	5.90E-03	1.82E-03	1.40E-03	4.65E-04	1.09E-03	2.24E-04
80	624568.29	4265651.33	7.13E-03	2.45E-03	5.96E-03	1.84E-03	1.41E-03	4.70E-04	1.10E-03	2.26E-04
81	624558.38	4265651.19	7.24E-03	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03	2.30E-04
82	624548.47	4265651.05	7.24E-03	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03	2.30E-04
83	624538.57	4265650.92	7.02E-03	2.41E-03	5.86E-03	1.81E-03	1.39E-03	4.62E-04	1.08E-03	2.23E-04
84	624528.66	4265650.78	6.68E-03	2.30E-03	5.59E-03	1.72E-03	1.32E-03	4.40E-04	1.03E-03	2.12E-04
85	624518.75	4265650.64	6.50E-03	2.23E-03	5.43E-03	1.67E-03	1.29E-03	4.28E-04	1.00E-03	2.06E-04
86	624508.84	4265650.5	6.45E-03	2.22E-03	5.39E-03	1.66E-03	1.28E-03	4.25E-04	9.95E-04	2.05E-04
87	624498.93	4265650.37	6.44E-03	2.21E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.94E-04	2.04E-04
88	624489.02	4265650.23	6.34E-03	2.18E-03	5.30E-03	1.63E-03	1.25E-03	4.18E-04	9.78E-04	2.01E-04
89	624479.11	4265650.09	6.06E-03	2.08E-03	5.07E-03	1.56E-03	1.20E-03	3.99E-04	9.35E-04	1.92E-04
90	624469.2	4265649.95	5.70E-03	1.96E-03	4.76E-03	1.47E-03	1.13E-03	3.75E-04	8.79E-04	1.81E-04
91	624459.3	4265649.82	5.44E-03	1.87E-03	4.55E-03	1.40E-03	1.08E-03	3.58E-04	8.39E-04	1.73E-04
92	624449.39	4265649.68	5.32E-03	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.20E-04	1.69E-04
93	624439.48	4265649.54	5.25E-03	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.10E-04	1.67E-04
94	624429.57	4265649.4	5.13E-03	1.76E-03	4.29E-03	1.32E-03	1.02E-03	3.38E-04	7.92E-04	1.63E-04
95	624419.66	4265649.27	4.82E-03	1.66E-03	4.02E-03	1.24E-03	9.53E-04	3.17E-04	7.43E-04	1.53E-04
96	624409.75	4265649.13	4.27E-03	1.47E-03	3.57E-03	1.10E-03	8.45E-04	2.81E-04	6.59E-04	1.35E-04
97	624399.84	4265648.99	3.71E-03	1.28E-03	3.10E-03	9.55E-04	7.35E-04	2.45E-04	5.73E-04	1.18E-04
98	624389.93	4265648.85	3.30E-03	1.13E-03	2.76E-03	8.49E-04	6.53E-04	2.17E-04	5.09E-04	1.05E-04
99	624380.02	4265648.72	2.99E-03	1.03E-03	2.50E-03	7.70E-04	5.92E-04	1.97E-04	4.61E-04	9.49E-05
100	624370.12	4265648.58	2.74E-03	9.42E-04	2.29E-03	7.05E-04	5.42E-04	1.80E-04	4.23E-04	8.69E-05
101	624360.21	4265648.44	2.52E-03	8.68E-04	2.11E-03	6.50E-04	5.00E-04	1.66E-04	3.90E-04	8.01E-05
102	624879.72	4265661.55	4.02E-03	1.38E-03	3.36E-03	1.03E-03	7.95E-04	2.65E-04	6.20E-04	1.28E-04
103	624845.88	4265645.18	4.80E-03	1.65E-03	4.01E-03	1.23E-03	9.49E-04	3.16E-04	7.40E-04	1.52E-04
104	624835.97	4265645.04	5.11E-03	1.76E-03	4.27E-03	1.32E-03	1.01E-03	3.37E-04	7.88E-04	1.62E-04
105	624826.06	4265644.9	5.40E-03	1.86E-03	4.51E-03	1.39E-03	1.07E-03	3.56E-04	8.33E-04	1.71E-04
106	624816.15	4265644.76	5.63E-03	1.93E-03	4.70E-03	1.45E-03	1.11E-03	3.71E-04	8.68E-04	1.79E-04

107	624806.24	4265644.63	5.74E-03	1.98E-03	4.80E-03	1.48E-03	1.14E-03	3.78E-04	8.86E-04	1.82E-04
108	624796.33	4265644.49	5.77E-03	1.99E-03	4.83E-03	1.49E-03	1.14E-03	3.80E-04	8.91E-04	1.83E-04
109	624786.42	4265644.35	5.81E-03	2.00E-03	4.85E-03	1.49E-03	1.15E-03	3.83E-04	8.96E-04	1.84E-04
110	624776.52	4265644.21	5.91E-03	2.03E-03	4.94E-03	1.52E-03	1.17E-03	3.89E-04	9.11E-04	1.87E-04
111	624766.61	4265644.08	6.06E-03	2.08E-03	5.06E-03	1.56E-03	1.20E-03	3.99E-04	9.35E-04	1.92E-04
112	624756.7	4265643.94	6.19E-03	2.13E-03	5.17E-03	1.59E-03	1.22E-03	4.08E-04	9.55E-04	1.96E-04
113	624746.79	4265643.8	6.23E-03	2.14E-03	5.21E-03	1.60E-03	1.23E-03	4.11E-04	9.62E-04	1.98E-04
114	624736.88	4265643.66	6.18E-03	2.12E-03	5.16E-03	1.59E-03	1.22E-03	4.07E-04	9.53E-04	1.96E-04
115	624726.97	4265643.53	6.10E-03	2.10E-03	5.10E-03	1.57E-03	1.21E-03	4.02E-04	9.42E-04	1.94E-04
116	624717.06	4265643.39	6.10E-03	2.10E-03	5.10E-03	1.57E-03	1.21E-03	4.02E-04	9.41E-04	1.94E-04
117	624707.15	4265643.25	6.18E-03	2.13E-03	5.17E-03	1.59E-03	1.22E-03	4.07E-04	9.54E-04	1.96E-04
118	624697.25	4265643.11	6.31E-03	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.15E-04	9.73E-04	2.00E-04
119	624687.34	4265642.98	6.42E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.91E-04	2.04E-04
120	624677.43	4265642.84	6.48E-03	2.23E-03	5.42E-03	1.67E-03	1.28E-03	4.27E-04	1.00E-03	2.06E-04
121	624667.52	4265642.7	6.46E-03	2.22E-03	5.40E-03	1.66E-03	1.28E-03	4.26E-04	9.97E-04	2.05E-04
122	624657.61	4265642.56	6.41E-03	2.21E-03	5.36E-03	1.65E-03	1.27E-03	4.23E-04	9.90E-04	2.04E-04
123	624647.7	4265642.43	6.42E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.91E-04	2.04E-04
124	624637.79	4265642.29	6.50E-03	2.24E-03	5.44E-03	1.67E-03	1.29E-03	4.29E-04	1.00E-03	2.06E-04
125	624627.88	4265642.15	6.63E-03	2.28E-03	5.54E-03	1.71E-03	1.31E-03	4.37E-04	1.02E-03	2.10E-04
126	624617.97	4265642.02	6.72E-03	2.31E-03	5.62E-03	1.73E-03	1.33E-03	4.43E-04	1.04E-03	2.13E-04
127	624608.07	4265641.88	6.71E-03	2.31E-03	5.61E-03	1.73E-03	1.33E-03	4.42E-04	1.04E-03	2.13E-04
128	624598.16	4265641.74	6.59E-03	2.27E-03	5.51E-03	1.70E-03	1.30E-03	4.34E-04	1.02E-03	2.09E-04
129	624588.25	4265641.6	6.46E-03	2.22E-03	5.40E-03	1.66E-03	1.28E-03	4.26E-04	9.97E-04	2.05E-04
130	624578.34	4265641.47	6.43E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.92E-04	2.04E-04
131	624568.43	4265641.33	6.46E-03	2.22E-03	5.40E-03	1.66E-03	1.28E-03	4.26E-04	9.97E-04	2.05E-04
132	624558.52	4265641.19	6.48E-03	2.23E-03	5.42E-03	1.67E-03	1.28E-03	4.27E-04	1.00E-03	2.06E-04
133	624548.61	4265641.05	6.41E-03	2.21E-03	5.36E-03	1.65E-03	1.27E-03	4.23E-04	9.90E-04	2.04E-04
134	624538.7	4265640.92	6.22E-03	2.14E-03	5.20E-03	1.60E-03	1.23E-03	4.10E-04	9.60E-04	1.98E-04
135	624528.8	4265640.78	6.01E-03	2.07E-03	5.02E-03	1.55E-03	1.19E-03	3.96E-04	9.27E-04	1.91E-04
136	624518.89	4265640.64	5.87E-03	2.02E-03	4.91E-03	1.51E-03	1.16E-03	3.87E-04	9.06E-04	1.86E-04
137	624508.98	4265640.5	5.81E-03	2.00E-03	4.85E-03	1.50E-03	1.15E-03	3.83E-04	8.96E-04	1.84E-04
138	624499.07	4265640.37	5.74E-03	1.97E-03	4.80E-03	1.48E-03	1.14E-03	3.78E-04	8.86E-04	1.82E-04
139	624489.16	4265640.23	5.60E-03	1.92E-03	4.68E-03	1.44E-03	1.11E-03	3.69E-04	8.63E-04	1.78E-04
140	624479.25	4265640.09	5.36E-03	1.84E-03	4.48E-03	1.38E-03	1.06E-03	3.53E-04	8.27E-04	1.70E-04
141	624469.34	4265639.95	5.10E-03	1.75E-03	4.26E-03	1.31E-03	1.01E-03	3.36E-04	7.86E-04	1.62E-04
142	624459.43	4265639.82	4.90E-03	1.68E-03	4.10E-03	1.26E-03	9.70E-04	3.23E-04	7.56E-04	1.55E-04
143	624449.53	4265639.68	4.77E-03	1.64E-03	3.99E-03	1.23E-03	9.45E-04	3.14E-04	7.36E-04	1.51E-04
144	624439.62	4265639.54	4.66E-03	1.60E-03	3.89E-03	1.20E-03	9.21E-04	3.07E-04	7.18E-04	1.48E-04
145	624429.71	4265639.4	4.47E-03	1.54E-03	3.74E-03	1.15E-03	8.85E-04	2.94E-04	6.90E-04	1.42E-04
146	624419.8	4265639.27	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.22E-04	2.73E-04	6.40E-04	1.32E-04
147	624409.89	4265639.13	3.73E-03	1.28E-03	3.12E-03	9.60E-04	7.38E-04	2.46E-04	5.75E-04	1.18E-04
148	624399.98	4265638.99	3.32E-03	1.14E-03	2.78E-03	8.55E-04	6.57E-04	2.19E-04	5.13E-04	1.05E-04
149	624390.07	4265638.86	3.00E-03	1.03E-03	2.51E-03	7.73E-04	5.94E-04	1.98E-04	4.63E-04	9.53E-05
150	624380.16	4265638.72	2.75E-03	9.47E-04	2.30E-03	7.09E-04	5.45E-04	1.81E-04	4.25E-04	8.74E-05
151	624370.25	4265638.58	2.55E-03	8.76E-04	2.13E-03	6.56E-04	5.04E-04	1.68E-04	3.93E-04	8.09E-05
152	624877.04	4265644.42	3.88E-03	1.33E-03	3.24E-03	9.99E-04	7.68E-04	2.56E-04	5.99E-04	1.23E-04
153	624886.9	4265654.59	3.75E-03	1.29E-03	3.13E-03	9.65E-04	7.42E-04	2.47E-04	5.78E-04	1.19E-04
154	624892.54	4265668.84	3.74E-03	1.28E-03	3.12E-03	9.62E-04	7.39E-04	2.46E-04	5.76E-04	1.19E-04
155	624846.02	4265635.18	4.54E-03	1.56E-03	3.79E-03	1.17E-03	8.98E-04	2.99E-04	7.00E-04	1.44E-04
156	624836.11	4265635.04	4.78E-03	1.64E-03	4.00E-03	1.23E-03	9.47E-04	3.15E-04	7.38E-04	1.52E-04
157	624826.2	4265634.9	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.90E-04	3.29E-04	7.71E-04	1.59E-04
158	624816.29	4265634.76	5.16E-03	1.77E-03	4.31E-03	1.33E-03	1.02E-03	3.40E-04	7.96E-04	1.64E-04
159	624806.38	4265634.63	5.25E-03	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.11E-04	1.67E-04
160	624796.47	4265634.49	5.30E-03	1.82E-03	4.43E-03	1.37E-03	1.05E-03	3.50E-04	8.19E-04	1.68E-04
161	624786.56	4265634.35	5.36E-03	1.84E-03	4.48E-03	1.38E-03	1.06E-03	3.53E-04	8.28E-04	1.70E-04

162	624776.65	4265634.21	5.46E-03	1.88E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.42E-04	1.73E-04
163	624766.75	4265634.08	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.67E-04	8.58E-04	1.77E-04
164	624756.84	4265633.94	5.65E-03	1.94E-03	4.72E-03	1.45E-03	1.12E-03	3.72E-04	8.71E-04	1.79E-04
165	624746.93	4265633.8	5.67E-03	1.95E-03	4.74E-03	1.46E-03	1.12E-03	3.74E-04	8.75E-04	1.80E-04
166	624737.02	4265633.67	5.65E-03	1.94E-03	4.72E-03	1.45E-03	1.12E-03	3.72E-04	8.72E-04	1.79E-04
167	624727.11	4265633.53	5.63E-03	1.94E-03	4.71E-03	1.45E-03	1.11E-03	3.71E-04	8.69E-04	1.79E-04
168	624717.2	4265633.39	5.65E-03	1.94E-03	4.73E-03	1.46E-03	1.12E-03	3.73E-04	8.72E-04	1.79E-04
169	624707.29	4265633.25	5.72E-03	1.97E-03	4.78E-03	1.47E-03	1.13E-03	3.77E-04	8.83E-04	1.82E-04
170	624697.38	4265633.12	5.82E-03	2.00E-03	4.86E-03	1.50E-03	1.15E-03	3.83E-04	8.97E-04	1.85E-04
171	624687.48	4265632.98	5.89E-03	2.03E-03	4.92E-03	1.52E-03	1.17E-03	3.88E-04	9.09E-04	1.87E-04
172	624677.57	4265632.84	5.92E-03	2.04E-03	4.95E-03	1.52E-03	1.17E-03	3.90E-04	9.14E-04	1.88E-04
173	624667.66	4265632.7	5.91E-03	2.03E-03	4.94E-03	1.52E-03	1.17E-03	3.90E-04	9.12E-04	1.88E-04
174	624657.75	4265632.57	5.90E-03	2.03E-03	4.93E-03	1.52E-03	1.17E-03	3.89E-04	9.11E-04	1.87E-04
175	624647.84	4265632.43	5.93E-03	2.04E-03	4.95E-03	1.53E-03	1.17E-03	3.90E-04	9.14E-04	1.88E-04
176	624637.93	4265632.29	5.99E-03	2.06E-03	5.00E-03	1.54E-03	1.18E-03	3.94E-04	9.24E-04	1.90E-04
177	624628.02	4265632.15	6.06E-03	2.08E-03	5.06E-03	1.56E-03	1.20E-03	3.99E-04	9.35E-04	1.92E-04
178	624618.11	4265632.02	6.09E-03	2.09E-03	5.09E-03	1.57E-03	1.21E-03	4.01E-04	9.40E-04	1.93E-04
179	624608.2	4265631.88	6.06E-03	2.08E-03	5.06E-03	1.56E-03	1.20E-03	3.99E-04	9.35E-04	1.92E-04
180	624598.3	4265631.74	5.97E-03	2.05E-03	4.99E-03	1.54E-03	1.18E-03	3.94E-04	9.22E-04	1.90E-04
181	624588.39	4265631.6	5.90E-03	2.03E-03	4.93E-03	1.52E-03	1.17E-03	3.89E-04	9.10E-04	1.87E-04
182	624578.48	4265631.47	5.87E-03	2.02E-03	4.91E-03	1.51E-03	1.16E-03	3.87E-04	9.06E-04	1.86E-04
183	624568.57	4265631.33	5.87E-03	2.02E-03	4.90E-03	1.51E-03	1.16E-03	3.87E-04	9.05E-04	1.86E-04
184	624558.66	4265631.19	5.84E-03	2.01E-03	4.88E-03	1.50E-03	1.16E-03	3.85E-04	9.01E-04	1.85E-04
185	624548.75	4265631.05	5.75E-03	1.98E-03	4.81E-03	1.48E-03	1.14E-03	3.79E-04	8.87E-04	1.82E-04
186	624538.84	4265630.92	5.60E-03	1.93E-03	4.68E-03	1.44E-03	1.11E-03	3.69E-04	8.64E-04	1.78E-04
187	624528.93	4265630.78	5.45E-03	1.87E-03	4.55E-03	1.40E-03	1.08E-03	3.59E-04	8.41E-04	1.73E-04
188	624519.03	4265630.64	5.34E-03	1.83E-03	4.46E-03	1.37E-03	1.06E-03	3.51E-04	8.23E-04	1.69E-04
189	624509.12	4265630.5	5.25E-03	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.10E-04	1.67E-04
190	624499.21	4265630.37	5.15E-03	1.77E-03	4.31E-03	1.33E-03	1.02E-03	3.39E-04	7.95E-04	1.63E-04
191	624489.3	4265630.23	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.90E-04	3.29E-04	7.72E-04	1.59E-04
192	624479.39	4265630.09	4.80E-03	1.65E-03	4.01E-03	1.24E-03	9.51E-04	3.16E-04	7.41E-04	1.52E-04
193	624469.48	4265629.96	4.60E-03	1.58E-03	3.85E-03	1.18E-03	9.11E-04	3.03E-04	7.10E-04	1.46E-04
194	624459.57	4265629.82	4.44E-03	1.53E-03	3.71E-03	1.14E-03	8.78E-04	2.92E-04	6.85E-04	1.41E-04
195	624449.66	4265629.68	4.30E-03	1.48E-03	3.59E-03	1.11E-03	8.51E-04	2.83E-04	6.63E-04	1.36E-04
196	624439.76	4265629.54	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.21E-04	2.73E-04	6.40E-04	1.32E-04
197	624429.85	4265629.41	3.94E-03	1.36E-03	3.29E-03	1.01E-03	7.80E-04	2.60E-04	6.08E-04	1.25E-04
198	624419.94	4265629.27	3.65E-03	1.26E-03	3.05E-03	9.41E-04	7.23E-04	2.41E-04	5.64E-04	1.16E-04
199	624410.03	4265629.13	3.32E-03	1.14E-03	2.78E-03	8.56E-04	6.58E-04	2.19E-04	5.13E-04	1.06E-04
200	624400.12	4265628.99	3.02E-03	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04	9.57E-05
201	624390.21	4265628.86	2.76E-03	9.50E-04	2.31E-03	7.11E-04	5.47E-04	1.82E-04	4.26E-04	8.76E-05
202	624873.66	4265632.9	3.81E-03	1.31E-03	3.18E-03	9.80E-04	7.53E-04	2.51E-04	5.87E-04	1.21E-04
203	624882.46	4265636.7	3.66E-03	1.26E-03	3.06E-03	9.41E-04	7.24E-04	2.41E-04	5.64E-04	1.16E-04
204	624894.78	4265649.4	3.51E-03	1.21E-03	2.93E-03	9.04E-04	6.95E-04	2.31E-04	5.42E-04	1.11E-04
205	624898.31	4265658.31	3.51E-03	1.21E-03	2.93E-03	9.03E-04	6.94E-04	2.31E-04	5.41E-04	1.11E-04
206	624901.84	4265667.22	3.49E-03	1.20E-03	2.92E-03	8.99E-04	6.91E-04	2.30E-04	5.39E-04	1.11E-04
207	624846.15	4265625.18	4.29E-03	1.47E-03	3.58E-03	1.10E-03	8.49E-04	2.83E-04	6.62E-04	1.36E-04
208	624836.25	4265625.04	4.48E-03	1.54E-03	3.75E-03	1.15E-03	8.88E-04	2.95E-04	6.92E-04	1.42E-04
209	624826.34	4265624.9	4.65E-03	1.60E-03	3.89E-03	1.20E-03	9.20E-04	3.06E-04	7.17E-04	1.48E-04
210	624816.43	4265624.77	4.77E-03	1.64E-03	3.99E-03	1.23E-03	9.45E-04	3.14E-04	7.36E-04	1.51E-04
211	624806.52	4265624.63	4.86E-03	1.67E-03	4.06E-03	1.25E-03	9.61E-04	3.20E-04	7.49E-04	1.54E-04
212	624796.61	4265624.49	4.92E-03	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.59E-04	1.56E-04
213	624786.7	4265624.35	4.98E-03	1.71E-03	4.17E-03	1.28E-03	9.86E-04	3.28E-04	7.69E-04	1.58E-04
214	624776.79	4265624.22	5.06E-03	1.74E-03	4.23E-03	1.30E-03	1.00E-03	3.33E-04	7.81E-04	1.61E-04
215	624766.88	4265624.08	5.14E-03	1.77E-03	4.29E-03	1.32E-03	1.02E-03	3.38E-04	7.93E-04	1.63E-04
216	624756.98	4265623.94	5.19E-03	1.79E-03	4.34E-03	1.34E-03	1.03E-03	3.42E-04	8.01E-04	1.65E-04

217	624747.07	4265623.8	5.22E-03	1.79E-03	4.36E-03	1.34E-03	1.03E-03	3.44E-04	8.05E-04	1.66E-04
218	624737.16	4265623.67	5.22E-03	1.79E-03	4.36E-03	1.34E-03	1.03E-03	3.44E-04	8.05E-04	1.66E-04
219	624727.25	4265623.53	5.23E-03	1.80E-03	4.37E-03	1.35E-03	1.03E-03	3.44E-04	8.07E-04	1.66E-04
220	624717.34	4265623.39	5.26E-03	1.81E-03	4.40E-03	1.35E-03	1.04E-03	3.47E-04	8.12E-04	1.67E-04
221	624707.43	4265623.25	5.32E-03	1.83E-03	4.45E-03	1.37E-03	1.05E-03	3.50E-04	8.21E-04	1.69E-04
222	624697.52	4265623.12	5.38E-03	1.85E-03	4.50E-03	1.39E-03	1.07E-03	3.55E-04	8.30E-04	1.71E-04
223	624687.61	4265622.98	5.43E-03	1.87E-03	4.54E-03	1.40E-03	1.07E-03	3.58E-04	8.38E-04	1.72E-04
224	624677.7	4265622.84	5.45E-03	1.88E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.41E-04	1.73E-04
225	624667.8	4265622.7	5.46E-03	1.88E-03	4.56E-03	1.41E-03	1.08E-03	3.60E-04	8.42E-04	1.73E-04
226	624657.89	4265622.57	5.46E-03	1.88E-03	4.57E-03	1.41E-03	1.08E-03	3.60E-04	8.43E-04	1.73E-04
227	624647.98	4265622.43	5.49E-03	1.89E-03	4.59E-03	1.41E-03	1.09E-03	3.62E-04	8.47E-04	1.74E-04
228	624638.07	4265622.29	5.53E-03	1.90E-03	4.62E-03	1.42E-03	1.09E-03	3.64E-04	8.53E-04	1.75E-04
229	624628.16	4265622.15	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04	1.76E-04
230	624618.25	4265622.02	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04	1.77E-04
231	624608.34	4265621.88	5.53E-03	1.90E-03	4.62E-03	1.42E-03	1.09E-03	3.64E-04	8.53E-04	1.75E-04
232	624598.43	4265621.74	5.47E-03	1.88E-03	4.57E-03	1.41E-03	1.08E-03	3.60E-04	8.44E-04	1.74E-04
233	624588.53	4265621.61	5.42E-03	1.86E-03	4.53E-03	1.39E-03	1.07E-03	3.57E-04	8.36E-04	1.72E-04
234	624578.62	4265621.47	5.38E-03	1.85E-03	4.50E-03	1.39E-03	1.07E-03	3.55E-04	8.31E-04	1.71E-04
235	624568.71	4265621.33	5.35E-03	1.84E-03	4.48E-03	1.38E-03	1.06E-03	3.53E-04	8.26E-04	1.70E-04
236	624558.8	4265621.19	5.30E-03	1.82E-03	4.43E-03	1.37E-03	1.05E-03	3.49E-04	8.18E-04	1.68E-04
237	624548.89	4265621.06	5.21E-03	1.79E-03	4.36E-03	1.34E-03	1.03E-03	3.43E-04	8.04E-04	1.65E-04
238	624538.98	4265620.92	5.09E-03	1.75E-03	4.26E-03	1.31E-03	1.01E-03	3.35E-04	7.86E-04	1.62E-04
239	624529.07	4265620.78	4.97E-03	1.71E-03	4.16E-03	1.28E-03	9.84E-04	3.28E-04	7.67E-04	1.58E-04
240	624519.16	4265620.64	4.87E-03	1.67E-03	4.07E-03	1.25E-03	9.64E-04	3.21E-04	7.51E-04	1.55E-04
241	624509.26	4265620.51	4.77E-03	1.64E-03	3.99E-03	1.23E-03	9.45E-04	3.14E-04	7.36E-04	1.51E-04
242	624499.35	4265620.37	4.66E-03	1.60E-03	3.89E-03	1.20E-03	9.22E-04	3.07E-04	7.19E-04	1.48E-04
243	624489.44	4265620.23	4.52E-03	1.55E-03	3.78E-03	1.16E-03	8.94E-04	2.98E-04	6.97E-04	1.43E-04
244	624479.53	4265620.09	4.35E-03	1.50E-03	3.64E-03	1.12E-03	8.61E-04	2.87E-04	6.71E-04	1.38E-04
245	624469.62	4265619.96	4.19E-03	1.44E-03	3.50E-03	1.08E-03	8.29E-04	2.76E-04	6.46E-04	1.33E-04
246	624459.71	4265619.82	4.04E-03	1.39E-03	3.37E-03	1.04E-03	7.99E-04	2.66E-04	6.23E-04	1.28E-04
247	624449.8	4265619.68	3.89E-03	1.34E-03	3.25E-03	1.00E-03	7.70E-04	2.56E-04	6.00E-04	1.23E-04
248	624439.89	4265619.54	3.73E-03	1.28E-03	3.11E-03	9.59E-04	7.38E-04	2.45E-04	5.75E-04	1.18E-04
249	624429.98	4265619.41	3.52E-03	1.21E-03	2.94E-03	9.07E-04	6.97E-04	2.32E-04	5.43E-04	1.12E-04
250	624420.08	4265619.27	3.28E-03	1.13E-03	2.74E-03	8.43E-04	6.48E-04	2.16E-04	5.05E-04	1.04E-04
251	624410.17	4265619.13	3.01E-03	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04	9.57E-05
252	624400.26	4265618.99	2.77E-03	9.53E-04	2.32E-03	7.13E-04	5.48E-04	1.83E-04	4.28E-04	8.79E-05
253	624390.35	4265618.86	2.56E-03	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.95E-04	8.13E-05
254	624873.1	4265622.6	3.67E-03	1.26E-03	3.07E-03	9.46E-04	7.27E-04	2.42E-04	5.67E-04	1.17E-04
255	624881.54	4265626.25	3.55E-03	1.22E-03	2.97E-03	9.14E-04	7.03E-04	2.34E-04	5.48E-04	1.13E-04
256	624889.99	4265629.89	3.42E-03	1.18E-03	2.86E-03	8.81E-04	6.77E-04	2.25E-04	5.28E-04	1.09E-04
257	624901.82	4265642.08	3.30E-03	1.13E-03	2.76E-03	8.50E-04	6.53E-04	2.17E-04	5.09E-04	1.05E-04
258	624905.21	4265650.64	3.30E-03	1.13E-03	2.76E-03	8.49E-04	6.53E-04	2.17E-04	5.09E-04	1.05E-04
259	624908.59	4265659.19	3.29E-03	1.13E-03	2.75E-03	8.46E-04	6.51E-04	2.17E-04	5.07E-04	1.04E-04
260	624911.98	4265667.74	3.27E-03	1.12E-03	2.73E-03	8.41E-04	6.47E-04	2.15E-04	5.04E-04	1.04E-04
261	624846.29	4265615.18	4.06E-03	1.40E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04	1.29E-04
262	624836.38	4265615.04	4.22E-03	1.45E-03	3.52E-03	1.09E-03	8.34E-04	2.78E-04	6.50E-04	1.34E-04
263	624826.48	4265614.9	4.35E-03	1.49E-03	3.63E-03	1.12E-03	8.60E-04	2.86E-04	6.71E-04	1.38E-04
264	624816.57	4265614.77	4.45E-03	1.53E-03	3.72E-03	1.14E-03	8.80E-04	2.93E-04	6.86E-04	1.41E-04
265	624806.66	4265614.63	4.52E-03	1.56E-03	3.78E-03	1.16E-03	8.95E-04	2.98E-04	6.98E-04	1.44E-04
266	624796.75	4265614.49	4.59E-03	1.58E-03	3.84E-03	1.18E-03	9.08E-04	3.02E-04	7.08E-04	1.46E-04
267	624786.84	4265614.35	4.65E-03	1.60E-03	3.89E-03	1.20E-03	9.21E-04	3.07E-04	7.18E-04	1.48E-04
268	624776.93	4265614.22	4.72E-03	1.62E-03	3.94E-03	1.21E-03	9.33E-04	3.11E-04	7.28E-04	1.50E-04
269	624767.02	4265614.08	4.77E-03	1.64E-03	3.99E-03	1.23E-03	9.44E-04	3.14E-04	7.36E-04	1.51E-04
270	624757.11	4265613.94	4.81E-03	1.65E-03	4.02E-03	1.24E-03	9.53E-04	3.17E-04	7.43E-04	1.53E-04
271	624747.21	4265613.8	4.84E-03	1.66E-03	4.04E-03	1.25E-03	9.57E-04	3.19E-04	7.46E-04	1.54E-04

272	624737.3	4265613.67	4.85E-03	1.67E-03	4.06E-03	1.25E-03	9.61E-04	3.20E-04	7.49E-04	1.54E-04
273	624727.39	4265613.53	4.88E-03	1.68E-03	4.08E-03	1.26E-03	9.66E-04	3.21E-04	7.53E-04	1.55E-04
274	624717.48	4265613.39	4.91E-03	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.58E-04	1.56E-04
275	624707.57	4265613.25	4.96E-03	1.70E-03	4.14E-03	1.28E-03	9.81E-04	3.27E-04	7.65E-04	1.57E-04
276	624697.66	4265613.12	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.90E-04	3.30E-04	7.72E-04	1.59E-04
277	624687.75	4265612.98	5.04E-03	1.73E-03	4.21E-03	1.30E-03	9.97E-04	3.32E-04	7.77E-04	1.60E-04
278	624677.84	4265612.84	5.06E-03	1.74E-03	4.23E-03	1.30E-03	1.00E-03	3.33E-04	7.80E-04	1.60E-04
279	624667.93	4265612.71	5.07E-03	1.74E-03	4.24E-03	1.30E-03	1.00E-03	3.34E-04	7.82E-04	1.61E-04
280	624658.03	4265612.57	5.08E-03	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.84E-04	1.61E-04
281	624648.12	4265612.43	5.10E-03	1.75E-03	4.26E-03	1.31E-03	1.01E-03	3.36E-04	7.87E-04	1.62E-04
282	624638.21	4265612.29	5.12E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.37E-04	7.90E-04	1.62E-04
283	624628.3	4265612.16	5.13E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.38E-04	7.91E-04	1.63E-04
284	624618.39	4265612.02	5.11E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.37E-04	7.89E-04	1.62E-04
285	624608.48	4265611.88	5.08E-03	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.84E-04	1.61E-04
286	624598.57	4265611.74	5.04E-03	1.73E-03	4.21E-03	1.30E-03	9.97E-04	3.32E-04	7.78E-04	1.60E-04
287	624588.66	4265611.61	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04	1.59E-04
288	624578.76	4265611.47	4.96E-03	1.70E-03	4.14E-03	1.28E-03	9.81E-04	3.27E-04	7.65E-04	1.57E-04
289	624568.85	4265611.33	4.91E-03	1.69E-03	4.11E-03	1.26E-03	9.72E-04	3.24E-04	7.58E-04	1.56E-04
290	624558.94	4265611.19	4.85E-03	1.67E-03	4.05E-03	1.25E-03	9.60E-04	3.19E-04	7.48E-04	1.54E-04
291	624549.03	4265611.06	4.76E-03	1.64E-03	3.98E-03	1.23E-03	9.43E-04	3.14E-04	7.35E-04	1.51E-04
292	624539.12	4265610.92	4.66E-03	1.60E-03	3.90E-03	1.20E-03	9.23E-04	3.07E-04	7.20E-04	1.48E-04
293	624529.21	4265610.78	4.56E-03	1.57E-03	3.81E-03	1.17E-03	9.03E-04	3.01E-04	7.04E-04	1.45E-04
294	624519.3	4265610.64	4.46E-03	1.53E-03	3.73E-03	1.15E-03	8.84E-04	2.94E-04	6.89E-04	1.42E-04
295	624509.39	4265610.51	4.36E-03	1.50E-03	3.65E-03	1.12E-03	8.63E-04	2.87E-04	6.73E-04	1.38E-04
296	624499.49	4265610.37	4.25E-03	1.46E-03	3.55E-03	1.09E-03	8.41E-04	2.80E-04	6.55E-04	1.35E-04
297	624489.58	4265610.23	4.12E-03	1.42E-03	3.44E-03	1.06E-03	8.15E-04	2.71E-04	6.35E-04	1.31E-04
298	624479.67	4265610.09	3.97E-03	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.13E-04	1.26E-04
299	624469.76	4265609.96	3.83E-03	1.32E-03	3.20E-03	9.86E-04	7.58E-04	2.52E-04	5.91E-04	1.22E-04
300	624459.85	4265609.82	3.69E-03	1.27E-03	3.08E-03	9.50E-04	7.30E-04	2.43E-04	5.69E-04	1.17E-04
301	624449.94	4265609.68	3.54E-03	1.22E-03	2.96E-03	9.12E-04	7.01E-04	2.33E-04	5.46E-04	1.12E-04
302	624440.03	4265609.54	3.38E-03	1.16E-03	2.82E-03	8.69E-04	6.68E-04	2.22E-04	5.21E-04	1.07E-04
303	624430.12	4265609.41	3.19E-03	1.10E-03	2.66E-03	8.21E-04	6.31E-04	2.10E-04	4.92E-04	1.01E-04
304	624420.21	4265609.27	2.98E-03	1.02E-03	2.49E-03	7.67E-04	5.89E-04	1.96E-04	4.59E-04	9.45E-05
305	624410.31	4265609.13	2.77E-03	9.51E-04	2.31E-03	7.12E-04	5.47E-04	1.82E-04	4.27E-04	8.78E-05
306	624400.4	4265609	2.57E-03	8.83E-04	2.15E-03	6.61E-04	5.08E-04	1.69E-04	3.96E-04	8.15E-05
307	624390.49	4265608.86	2.39E-03	8.24E-04	2.00E-03	6.17E-04	4.74E-04	1.58E-04	3.70E-04	7.60E-05
308	624880.98	4265615.94	3.44E-03	1.18E-03	2.87E-03	8.85E-04	6.80E-04	2.26E-04	5.30E-04	1.09E-04
309	624897.4	4265623.03	3.22E-03	1.11E-03	2.69E-03	8.29E-04	6.37E-04	2.12E-04	4.97E-04	1.02E-04
310	624908.9	4265634.88	3.11E-03	1.07E-03	2.60E-03	8.01E-04	6.16E-04	2.05E-04	4.80E-04	9.88E-05
311	624915.49	4265651.52	3.10E-03	1.07E-03	2.59E-03	7.99E-04	6.14E-04	2.04E-04	4.79E-04	9.84E-05
312	624918.78	4265659.83	3.09E-03	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.76E-04	9.80E-05
313	624846.43	4265605.18	3.85E-03	1.32E-03	3.22E-03	9.90E-04	7.61E-04	2.53E-04	5.94E-04	1.22E-04
314	624836.52	4265605.04	3.97E-03	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.13E-04	1.26E-04
315	624826.61	4265604.9	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.08E-04	2.69E-04	6.30E-04	1.30E-04
316	624816.71	4265604.77	4.17E-03	1.43E-03	3.48E-03	1.07E-03	8.25E-04	2.75E-04	6.43E-04	1.32E-04
317	624806.8	4265604.63	4.24E-03	1.46E-03	3.54E-03	1.09E-03	8.39E-04	2.79E-04	6.54E-04	1.35E-04
318	624796.89	4265604.49	4.30E-03	1.48E-03	3.60E-03	1.11E-03	8.51E-04	2.83E-04	6.64E-04	1.37E-04
319	624786.98	4265604.35	4.36E-03	1.50E-03	3.64E-03	1.12E-03	8.63E-04	2.87E-04	6.73E-04	1.38E-04
320	624777.07	4265604.22	4.41E-03	1.52E-03	3.69E-03	1.14E-03	8.73E-04	2.91E-04	6.81E-04	1.40E-04
321	624767.16	4265604.08	4.46E-03	1.53E-03	3.72E-03	1.15E-03	8.82E-04	2.94E-04	6.88E-04	1.41E-04
322	624757.25	4265603.94	4.49E-03	1.54E-03	3.75E-03	1.16E-03	8.89E-04	2.96E-04	6.93E-04	1.42E-04
323	624747.34	4265603.81	4.52E-03	1.55E-03	3.77E-03	1.16E-03	8.94E-04	2.98E-04	6.97E-04	1.43E-04
324	624737.43	4265603.67	4.54E-03	1.56E-03	3.80E-03	1.17E-03	8.99E-04	2.99E-04	7.01E-04	1.44E-04
325	624727.53	4265603.53	4.57E-03	1.57E-03	3.82E-03	1.18E-03	9.04E-04	3.01E-04	7.05E-04	1.45E-04
326	624717.62	4265603.39	4.60E-03	1.58E-03	3.85E-03	1.18E-03	9.11E-04	3.03E-04	7.10E-04	1.46E-04

327	624707.71	4265603.26	4.64E-03	1.59E-03	3.88E-03	1.19E-03	9.18E-04	3.05E-04	7.15E-04	1.47E-04
328	624697.8	4265603.12	4.67E-03	1.61E-03	3.90E-03	1.20E-03	9.24E-04	3.08E-04	7.20E-04	1.48E-04
329	624687.89	4265602.98	4.69E-03	1.61E-03	3.92E-03	1.21E-03	9.29E-04	3.09E-04	7.24E-04	1.49E-04
330	624677.98	4265602.84	4.71E-03	1.62E-03	3.94E-03	1.21E-03	9.32E-04	3.10E-04	7.27E-04	1.49E-04
331	624668.07	4265602.71	4.72E-03	1.62E-03	3.95E-03	1.22E-03	9.35E-04	3.11E-04	7.29E-04	1.50E-04
332	624658.16	4265602.57	4.74E-03	1.63E-03	3.96E-03	1.22E-03	9.38E-04	3.12E-04	7.31E-04	1.50E-04
333	624648.26	4265602.43	4.75E-03	1.63E-03	3.97E-03	1.22E-03	9.40E-04	3.13E-04	7.33E-04	1.51E-04
334	624638.35	4265602.29	4.76E-03	1.64E-03	3.97E-03	1.22E-03	9.41E-04	3.13E-04	7.34E-04	1.51E-04
335	624628.44	4265602.16	4.75E-03	1.63E-03	3.97E-03	1.22E-03	9.40E-04	3.13E-04	7.33E-04	1.51E-04
336	624618.53	4265602.02	4.73E-03	1.63E-03	3.95E-03	1.22E-03	9.37E-04	3.12E-04	7.30E-04	1.50E-04
337	624608.62	4265601.88	4.70E-03	1.62E-03	3.93E-03	1.21E-03	9.31E-04	3.10E-04	7.25E-04	1.49E-04
338	624598.71	4265601.74	4.67E-03	1.60E-03	3.90E-03	1.20E-03	9.23E-04	3.07E-04	7.20E-04	1.48E-04
339	624588.8	4265601.61	4.63E-03	1.59E-03	3.87E-03	1.19E-03	9.16E-04	3.05E-04	7.14E-04	1.47E-04
340	624578.89	4265601.47	4.58E-03	1.58E-03	3.83E-03	1.18E-03	9.07E-04	3.02E-04	7.07E-04	1.45E-04
341	624568.99	4265601.33	4.53E-03	1.56E-03	3.79E-03	1.17E-03	8.96E-04	2.98E-04	6.99E-04	1.44E-04
342	624559.08	4265601.19	4.46E-03	1.53E-03	3.73E-03	1.15E-03	8.83E-04	2.94E-04	6.89E-04	1.42E-04
343	624549.17	4265601.06	4.38E-03	1.51E-03	3.66E-03	1.13E-03	8.68E-04	2.89E-04	6.76E-04	1.39E-04
344	624539.26	4265600.92	4.30E-03	1.48E-03	3.59E-03	1.11E-03	8.50E-04	2.83E-04	6.63E-04	1.36E-04
345	624529.35	4265600.78	4.21E-03	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.49E-04	1.33E-04
346	624519.44	4265600.65	4.11E-03	1.41E-03	3.44E-03	1.06E-03	8.14E-04	2.71E-04	6.34E-04	1.30E-04
347	624509.53	4265600.51	4.01E-03	1.38E-03	3.35E-03	1.03E-03	7.94E-04	2.64E-04	6.19E-04	1.27E-04
348	624499.62	4265600.37	3.90E-03	1.34E-03	3.26E-03	1.00E-03	7.71E-04	2.57E-04	6.01E-04	1.24E-04
349	624489.71	4265600.23	3.78E-03	1.30E-03	3.16E-03	9.72E-04	7.48E-04	2.49E-04	5.83E-04	1.20E-04
350	624479.81	4265600.1	3.65E-03	1.26E-03	3.05E-03	9.40E-04	7.23E-04	2.41E-04	5.63E-04	1.16E-04
351	624469.9	4265599.96	3.52E-03	1.21E-03	2.94E-03	9.07E-04	6.97E-04	2.32E-04	5.43E-04	1.12E-04
352	624459.99	4265599.82	3.39E-03	1.17E-03	2.83E-03	8.72E-04	6.71E-04	2.23E-04	5.23E-04	1.08E-04
353	624450.08	4265599.68	3.24E-03	1.12E-03	2.71E-03	8.35E-04	6.42E-04	2.14E-04	5.01E-04	1.03E-04
354	624440.17	4265599.55	3.09E-03	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.76E-04	9.79E-05
355	624430.26	4265599.41	2.91E-03	1.00E-03	2.44E-03	7.50E-04	5.77E-04	1.92E-04	4.50E-04	9.25E-05
356	624420.35	4265599.27	2.74E-03	9.41E-04	2.29E-03	7.05E-04	5.42E-04	1.80E-04	4.22E-04	8.68E-05
357	624410.44	4265599.13	2.56E-03	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.95E-04	8.13E-05
358	624400.54	4265599	2.40E-03	8.25E-04	2.00E-03	6.18E-04	4.75E-04	1.58E-04	3.70E-04	7.61E-05
359	624390.63	4265598.86	2.25E-03	7.74E-04	1.88E-03	5.80E-04	4.46E-04	1.48E-04	3.47E-04	7.14E-05
360	624880.61	4265605.73	3.32E-03	1.14E-03	2.78E-03	8.55E-04	6.57E-04	2.19E-04	5.13E-04	1.05E-04
361	624896.7	4265612.67	3.13E-03	1.08E-03	2.62E-03	8.07E-04	6.20E-04	2.07E-04	4.84E-04	9.95E-05
362	624916.01	4265627.75	2.94E-03	1.01E-03	2.46E-03	7.58E-04	5.82E-04	1.94E-04	4.54E-04	9.34E-05
363	624922.46	4265644.04	2.93E-03	1.01E-03	2.45E-03	7.56E-04	5.81E-04	1.93E-04	4.53E-04	9.31E-05
364	624928.91	4265660.34	2.91E-03	9.99E-04	2.43E-03	7.48E-04	5.75E-04	1.91E-04	4.48E-04	9.22E-05
365	624846.57	4265595.18	3.65E-03	1.26E-03	3.05E-03	9.40E-04	7.23E-04	2.41E-04	5.63E-04	1.16E-04
366	624836.66	4265595.04	3.76E-03	1.29E-03	3.14E-03	9.68E-04	7.44E-04	2.48E-04	5.80E-04	1.19E-04
367	624826.75	4265594.91	3.85E-03	1.32E-03	3.22E-03	9.91E-04	7.62E-04	2.54E-04	5.94E-04	1.22E-04
368	624816.84	4265594.77	3.92E-03	1.35E-03	3.28E-03	1.01E-03	7.77E-04	2.59E-04	6.06E-04	1.25E-04
369	624806.94	4265594.63	3.99E-03	1.37E-03	3.34E-03	1.03E-03	7.90E-04	2.63E-04	6.16E-04	1.27E-04
370	624797.03	4265594.49	4.05E-03	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.25E-04	1.28E-04
371	624787.12	4265594.36	4.10E-03	1.41E-03	3.43E-03	1.06E-03	8.12E-04	2.70E-04	6.33E-04	1.30E-04
372	624777.21	4265594.22	4.14E-03	1.43E-03	3.46E-03	1.07E-03	8.20E-04	2.73E-04	6.40E-04	1.32E-04
373	624767.3	4265594.08	4.18E-03	1.44E-03	3.49E-03	1.08E-03	8.27E-04	2.75E-04	6.45E-04	1.33E-04
374	624757.39	4265593.94	4.21E-03	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.50E-04	1.34E-04
375	624747.48	4265593.81	4.24E-03	1.46E-03	3.54E-03	1.09E-03	8.38E-04	2.79E-04	6.54E-04	1.34E-04
376	624737.57	4265593.67	4.26E-03	1.47E-03	3.56E-03	1.10E-03	8.44E-04	2.81E-04	6.58E-04	1.35E-04
377	624727.66	4265593.53	4.29E-03	1.48E-03	3.59E-03	1.11E-03	8.50E-04	2.83E-04	6.62E-04	1.36E-04
378	624717.76	4265593.39	4.32E-03	1.49E-03	3.61E-03	1.11E-03	8.56E-04	2.85E-04	6.67E-04	1.37E-04
379	624707.85	4265593.26	4.35E-03	1.50E-03	3.64E-03	1.12E-03	8.61E-04	2.87E-04	6.71E-04	1.38E-04
380	624697.94	4265593.12	4.37E-03	1.50E-03	3.65E-03	1.13E-03	8.65E-04	2.88E-04	6.75E-04	1.39E-04
381	624688.03	4265592.98	4.39E-03	1.51E-03	3.67E-03	1.13E-03	8.69E-04	2.89E-04	6.78E-04	1.39E-04

382	624678.12	4265592.84	4.41E-03	1.52E-03	3.68E-03	1.13E-03	8.72E-04	2.90E-04	6.80E-04	1.40E-04
383	624668.21	4265592.71	4.42E-03	1.52E-03	3.70E-03	1.14E-03	8.75E-04	2.91E-04	6.82E-04	1.40E-04
384	624658.3	4265592.57	4.43E-03	1.52E-03	3.70E-03	1.14E-03	8.77E-04	2.92E-04	6.84E-04	1.41E-04
385	624648.39	4265592.43	4.44E-03	1.53E-03	3.71E-03	1.14E-03	8.78E-04	2.92E-04	6.85E-04	1.41E-04
386	624638.49	4265592.29	4.43E-03	1.52E-03	3.71E-03	1.14E-03	8.78E-04	2.92E-04	6.84E-04	1.41E-04
387	624628.58	4265592.16	4.42E-03	1.52E-03	3.70E-03	1.14E-03	8.75E-04	2.91E-04	6.82E-04	1.40E-04
388	624618.67	4265592.02	4.40E-03	1.51E-03	3.68E-03	1.13E-03	8.71E-04	2.90E-04	6.79E-04	1.40E-04
389	624608.76	4265591.88	4.37E-03	1.50E-03	3.65E-03	1.13E-03	8.65E-04	2.88E-04	6.74E-04	1.39E-04
390	624598.85	4265591.75	4.34E-03	1.49E-03	3.63E-03	1.12E-03	8.59E-04	2.86E-04	6.69E-04	1.38E-04
391	624588.94	4265591.61	4.30E-03	1.48E-03	3.59E-03	1.11E-03	8.51E-04	2.83E-04	6.63E-04	1.36E-04
392	624579.03	4265591.47	4.25E-03	1.46E-03	3.55E-03	1.09E-03	8.42E-04	2.80E-04	6.56E-04	1.35E-04
393	624569.12	4265591.33	4.20E-03	1.44E-03	3.51E-03	1.08E-03	8.30E-04	2.76E-04	6.47E-04	1.33E-04
394	624559.22	4265591.2	4.13E-03	1.42E-03	3.45E-03	1.06E-03	8.17E-04	2.72E-04	6.37E-04	1.31E-04
395	624549.31	4265591.06	4.06E-03	1.39E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04	1.29E-04
396	624539.4	4265590.92	3.98E-03	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.14E-04	1.26E-04
397	624529.49	4265590.78	3.89E-03	1.34E-03	3.25E-03	1.00E-03	7.71E-04	2.56E-04	6.01E-04	1.24E-04
398	624519.58	4265590.65	3.80E-03	1.31E-03	3.18E-03	9.79E-04	7.53E-04	2.51E-04	5.87E-04	1.21E-04
399	624509.67	4265590.51	3.70E-03	1.27E-03	3.10E-03	9.53E-04	7.33E-04	2.44E-04	5.71E-04	1.18E-04
400	624499.76	4265590.37	3.60E-03	1.24E-03	3.01E-03	9.26E-04	7.12E-04	2.37E-04	5.55E-04	1.14E-04
401	624489.85	4265590.23	3.49E-03	1.20E-03	2.91E-03	8.97E-04	6.90E-04	2.30E-04	5.38E-04	1.11E-04
402	624479.94	4265590.1	3.37E-03	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04	1.07E-04
403	624470.04	4265589.96	3.25E-03	1.12E-03	2.72E-03	8.37E-04	6.44E-04	2.14E-04	5.02E-04	1.03E-04
404	624460.13	4265589.82	3.13E-03	1.07E-03	2.61E-03	8.05E-04	6.19E-04	2.06E-04	4.82E-04	9.92E-05
405	624450.22	4265589.68	2.99E-03	1.03E-03	2.50E-03	7.70E-04	5.92E-04	1.97E-04	4.61E-04	9.49E-05
406	624440.31	4265589.55	2.84E-03	9.77E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04	9.02E-05
407	624430.4	4265589.41	2.69E-03	9.25E-04	2.25E-03	6.93E-04	5.32E-04	1.77E-04	4.15E-04	8.54E-05
408	624420.49	4265589.27	2.54E-03	8.72E-04	2.12E-03	6.53E-04	5.02E-04	1.67E-04	3.91E-04	8.05E-05
409	624410.58	4265589.13	2.39E-03	8.22E-04	2.00E-03	6.15E-04	4.73E-04	1.57E-04	3.69E-04	7.58E-05
410	624400.67	4265589	2.25E-03	7.74E-04	1.88E-03	5.80E-04	4.46E-04	1.48E-04	3.47E-04	7.15E-05
411	624390.77	4265588.86	2.13E-03	7.31E-04	1.78E-03	5.47E-04	4.21E-04	1.40E-04	3.28E-04	6.75E-05
412	624874.72	4265593.13	3.25E-03	1.12E-03	2.72E-03	8.38E-04	6.44E-04	2.14E-04	5.02E-04	1.03E-04
413	624883.77	4265597.03	3.17E-03	1.09E-03	2.65E-03	8.17E-04	6.28E-04	2.09E-04	4.90E-04	1.01E-04
414	624892.82	4265600.93	3.08E-03	1.06E-03	2.58E-03	7.94E-04	6.10E-04	2.03E-04	4.76E-04	9.78E-05
415	624901.87	4265604.84	2.99E-03	1.03E-03	2.50E-03	7.69E-04	5.91E-04	1.97E-04	4.61E-04	9.48E-05
416	624910.92	4265608.74	2.89E-03	9.92E-04	2.41E-03	7.43E-04	5.71E-04	1.90E-04	4.45E-04	9.16E-05
417	624923.59	4265621.81	2.79E-03	9.59E-04	2.33E-03	7.18E-04	5.52E-04	1.84E-04	4.30E-04	8.85E-05
418	624927.22	4265630.97	2.79E-03	9.59E-04	2.33E-03	7.18E-04	5.52E-04	1.84E-04	4.30E-04	8.85E-05
419	624930.85	4265640.14	2.78E-03	9.56E-04	2.32E-03	7.16E-04	5.50E-04	1.83E-04	4.29E-04	8.82E-05
420	624934.48	4265649.3	2.77E-03	9.51E-04	2.31E-03	7.12E-04	5.47E-04	1.82E-04	4.27E-04	8.78E-05
421	624938.1	4265658.46	2.75E-03	9.44E-04	2.29E-03	7.07E-04	5.43E-04	1.81E-04	4.24E-04	8.71E-05
422	624941.73	4265667.63	2.72E-03	9.36E-04	2.27E-03	7.00E-04	5.39E-04	1.79E-04	4.20E-04	8.63E-05
423	624846.71	4265585.18	3.47E-03	1.19E-03	2.90E-03	8.94E-04	6.88E-04	2.29E-04	5.36E-04	1.10E-04
424	624836.8	4265585.04	3.56E-03	1.23E-03	2.98E-03	9.18E-04	7.05E-04	2.35E-04	5.50E-04	1.13E-04
425	624826.89	4265584.91	3.64E-03	1.25E-03	3.04E-03	9.38E-04	7.21E-04	2.40E-04	5.62E-04	1.16E-04
426	624816.98	4265584.77	3.71E-03	1.28E-03	3.10E-03	9.55E-04	7.34E-04	2.44E-04	5.72E-04	1.18E-04
427	624807.07	4265584.63	3.77E-03	1.30E-03	3.15E-03	9.71E-04	7.46E-04	2.48E-04	5.82E-04	1.20E-04
428	624797.17	4265584.49	3.82E-03	1.31E-03	3.20E-03	9.84E-04	7.57E-04	2.52E-04	5.90E-04	1.21E-04
429	624787.26	4265584.36	3.87E-03	1.33E-03	3.23E-03	9.96E-04	7.66E-04	2.55E-04	5.97E-04	1.23E-04
430	624777.35	4265584.22	3.91E-03	1.34E-03	3.27E-03	1.01E-03	7.73E-04	2.57E-04	6.03E-04	1.24E-04
431	624767.44	4265584.08	3.94E-03	1.35E-03	3.29E-03	1.01E-03	7.79E-04	2.59E-04	6.08E-04	1.25E-04
432	624757.53	4265583.94	3.96E-03	1.36E-03	3.31E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04	1.26E-04
433	624747.62	4265583.81	3.99E-03	1.37E-03	3.33E-03	1.03E-03	7.90E-04	2.63E-04	6.16E-04	1.27E-04
434	624737.71	4265583.67	4.02E-03	1.38E-03	3.36E-03	1.03E-03	7.95E-04	2.65E-04	6.20E-04	1.27E-04
435	624727.8	4265583.53	4.05E-03	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.24E-04	1.28E-04
436	624717.89	4265583.4	4.07E-03	1.40E-03	3.40E-03	1.05E-03	8.06E-04	2.68E-04	6.28E-04	1.29E-04

437	624707.99	4265583.26	4.09E-03	1.41E-03	3.42E-03	1.05E-03	8.10E-04	2.70E-04	6.31E-04	1.30E-04
438	624698.08	4265583.12	4.11E-03	1.41E-03	3.43E-03	1.06E-03	8.13E-04	2.71E-04	6.34E-04	1.30E-04
439	624688.17	4265582.98	4.12E-03	1.42E-03	3.45E-03	1.06E-03	8.16E-04	2.72E-04	6.36E-04	1.31E-04
440	624678.26	4265582.85	4.14E-03	1.42E-03	3.46E-03	1.07E-03	8.19E-04	2.73E-04	6.38E-04	1.31E-04
441	624668.35	4265582.71	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.21E-04	2.73E-04	6.40E-04	1.32E-04
442	624658.44	4265582.57	4.16E-03	1.43E-03	3.47E-03	1.07E-03	8.23E-04	2.74E-04	6.41E-04	1.32E-04
443	624648.53	4265582.43	4.16E-03	1.43E-03	3.47E-03	1.07E-03	8.23E-04	2.74E-04	6.41E-04	1.32E-04
444	624638.62	4265582.3	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.21E-04	2.73E-04	6.40E-04	1.32E-04
445	624628.72	4265582.16	4.13E-03	1.42E-03	3.45E-03	1.06E-03	8.18E-04	2.72E-04	6.37E-04	1.31E-04
446	624618.81	4265582.02	4.11E-03	1.41E-03	3.43E-03	1.06E-03	8.13E-04	2.71E-04	6.34E-04	1.30E-04
447	624608.9	4265581.88	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04	1.29E-04
448	624598.99	4265581.75	4.05E-03	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.24E-04	1.28E-04
449	624589.08	4265581.61	4.01E-03	1.38E-03	3.35E-03	1.03E-03	7.93E-04	2.64E-04	6.18E-04	1.27E-04
450	624579.17	4265581.47	3.96E-03	1.36E-03	3.31E-03	1.02E-03	7.84E-04	2.61E-04	6.11E-04	1.26E-04
451	624569.26	4265581.33	3.90E-03	1.34E-03	3.26E-03	1.00E-03	7.72E-04	2.57E-04	6.02E-04	1.24E-04
452	624559.35	4265581.2	3.84E-03	1.32E-03	3.21E-03	9.88E-04	7.60E-04	2.53E-04	5.92E-04	1.22E-04
453	624549.45	4265581.06	3.77E-03	1.30E-03	3.15E-03	9.70E-04	7.46E-04	2.48E-04	5.82E-04	1.20E-04
454	624539.54	4265580.92	3.70E-03	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.70E-04	1.17E-04
455	624529.63	4265580.78	3.62E-03	1.24E-03	3.02E-03	9.31E-04	7.16E-04	2.38E-04	5.58E-04	1.15E-04
456	624519.72	4265580.65	3.53E-03	1.21E-03	2.95E-03	9.09E-04	6.99E-04	2.33E-04	5.45E-04	1.12E-04
457	624509.81	4265580.51	3.44E-03	1.18E-03	2.87E-03	8.85E-04	6.80E-04	2.26E-04	5.30E-04	1.09E-04
458	624499.9	4265580.37	3.34E-03	1.15E-03	2.79E-03	8.59E-04	6.60E-04	2.20E-04	5.15E-04	1.06E-04
459	624489.99	4265580.23	3.23E-03	1.11E-03	2.70E-03	8.32E-04	6.40E-04	2.13E-04	4.99E-04	1.03E-04
460	624480.08	4265580.1	3.13E-03	1.08E-03	2.61E-03	8.05E-04	6.19E-04	2.06E-04	4.82E-04	9.92E-05
461	624470.17	4265579.96	3.02E-03	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04	9.57E-05
462	624460.27	4265579.82	2.90E-03	9.96E-04	2.42E-03	7.46E-04	5.73E-04	1.91E-04	4.47E-04	9.19E-05
463	624450.36	4265579.69	2.77E-03	9.52E-04	2.32E-03	7.13E-04	5.48E-04	1.82E-04	4.27E-04	8.79E-05
464	624440.45	4265579.55	2.64E-03	9.06E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.37E-05
465	624430.54	4265579.41	2.50E-03	8.60E-04	2.09E-03	6.44E-04	4.95E-04	1.65E-04	3.86E-04	7.94E-05
466	624420.63	4265579.27	2.37E-03	8.14E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.65E-04	7.52E-05
467	624410.72	4265579.14	2.24E-03	7.71E-04	1.87E-03	5.77E-04	4.44E-04	1.48E-04	3.46E-04	7.12E-05
468	624400.81	4265579	2.12E-03	7.30E-04	1.78E-03	5.47E-04	4.20E-04	1.40E-04	3.28E-04	6.74E-05
469	624390.9	4265578.86	2.01E-03	6.93E-04	1.68E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04	6.39E-05
470	624381	4265578.72	1.91E-03	6.58E-04	1.60E-03	4.93E-04	3.79E-04	1.26E-04	2.95E-04	6.07E-05
471	624371.09	4265578.59	1.82E-03	6.27E-04	1.52E-03	4.70E-04	3.61E-04	1.20E-04	2.81E-04	5.79E-05
472	624361.18	4265578.45	1.74E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.53E-05
473	624874.35	4265582.91	3.13E-03	1.08E-03	2.62E-03	8.07E-04	6.20E-04	2.06E-04	4.83E-04	9.94E-05
474	624883.15	4265586.7	3.07E-03	1.06E-03	2.57E-03	7.90E-04	6.07E-04	2.02E-04	4.74E-04	9.74E-05
475	624891.95	4265590.5	2.99E-03	1.03E-03	2.50E-03	7.71E-04	5.93E-04	1.97E-04	4.62E-04	9.50E-05
476	624900.75	4265594.29	2.91E-03	1.00E-03	2.43E-03	7.50E-04	5.76E-04	1.92E-04	4.49E-04	9.24E-05
477	624909.55	4265598.09	2.82E-03	9.71E-04	2.36E-03	7.27E-04	5.59E-04	1.86E-04	4.36E-04	8.96E-05
478	624918.35	4265601.88	2.74E-03	9.41E-04	2.29E-03	7.04E-04	5.41E-04	1.80E-04	4.22E-04	8.68E-05
479	624930.67	4265614.59	2.65E-03	9.11E-04	2.21E-03	6.82E-04	5.24E-04	1.75E-04	4.09E-04	8.41E-05
480	624934.2	4265623.5	2.65E-03	9.11E-04	2.21E-03	6.82E-04	5.24E-04	1.74E-04	4.09E-04	8.40E-05
481	624937.72	4265632.41	2.64E-03	9.08E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.08E-04	8.38E-05
482	624941.25	4265641.32	2.63E-03	9.04E-04	2.20E-03	6.77E-04	5.21E-04	1.73E-04	4.06E-04	8.35E-05
483	624944.78	4265650.23	2.61E-03	8.99E-04	2.18E-03	6.73E-04	5.17E-04	1.72E-04	4.03E-04	8.30E-05
484	624948.3	4265659.14	2.59E-03	8.92E-04	2.17E-03	6.68E-04	5.13E-04	1.71E-04	4.00E-04	8.23E-05
485	624951.83	4265668.05	2.57E-03	8.83E-04	2.15E-03	6.61E-04	5.08E-04	1.69E-04	3.96E-04	8.15E-05
486	624846.85	4265575.18	3.31E-03	1.14E-03	2.77E-03	8.52E-04	6.55E-04	2.18E-04	5.11E-04	1.05E-04
487	624836.94	4265575.04	3.39E-03	1.17E-03	2.83E-03	8.72E-04	6.71E-04	2.23E-04	5.23E-04	1.08E-04
488	624827.03	4265574.91	3.46E-03	1.19E-03	2.89E-03	8.90E-04	6.84E-04	2.28E-04	5.33E-04	1.10E-04
489	624817.12	4265574.77	3.52E-03	1.21E-03	2.94E-03	9.06E-04	6.96E-04	2.32E-04	5.43E-04	1.12E-04
490	624807.21	4265574.63	3.57E-03	1.23E-03	2.99E-03	9.20E-04	7.07E-04	2.35E-04	5.51E-04	1.13E-04
491	624797.3	4265574.5	3.62E-03	1.24E-03	3.03E-03	9.32E-04	7.17E-04	2.39E-04	5.59E-04	1.15E-04

492	624787.39	4265574.36	3.66E-03	1.26E-03	3.06E-03	9.42E-04	7.25E-04	2.41E-04	5.65E-04	1.16E-04
493	624777.49	4265574.22	3.69E-03	1.27E-03	3.09E-03	9.51E-04	7.31E-04	2.43E-04	5.70E-04	1.17E-04
494	624767.58	4265574.08	3.72E-03	1.28E-03	3.11E-03	9.58E-04	7.37E-04	2.45E-04	5.74E-04	1.18E-04
495	624757.67	4265573.95	3.75E-03	1.29E-03	3.13E-03	9.64E-04	7.41E-04	2.47E-04	5.78E-04	1.19E-04
496	624747.76	4265573.81	3.77E-03	1.30E-03	3.15E-03	9.71E-04	7.46E-04	2.48E-04	5.82E-04	1.20E-04
497	624737.85	4265573.67	3.80E-03	1.31E-03	3.17E-03	9.77E-04	7.51E-04	2.50E-04	5.86E-04	1.20E-04
498	624727.94	4265573.53	3.82E-03	1.31E-03	3.19E-03	9.84E-04	7.56E-04	2.52E-04	5.90E-04	1.21E-04
499	624718.03	4265573.4	3.84E-03	1.32E-03	3.21E-03	9.89E-04	7.61E-04	2.53E-04	5.93E-04	1.22E-04
500	624708.12	4265573.26	3.86E-03	1.33E-03	3.23E-03	9.94E-04	7.64E-04	2.54E-04	5.96E-04	1.22E-04
501	624698.22	4265573.12	3.87E-03	1.33E-03	3.24E-03	9.97E-04	7.67E-04	2.55E-04	5.98E-04	1.23E-04
502	624688.31	4265572.98	3.88E-03	1.34E-03	3.25E-03	1.00E-03	7.69E-04	2.56E-04	5.99E-04	1.23E-04
503	624678.4	4265572.85	3.90E-03	1.34E-03	3.26E-03	1.00E-03	7.71E-04	2.57E-04	6.01E-04	1.24E-04
504	624668.49	4265572.71	3.90E-03	1.34E-03	3.26E-03	1.01E-03	7.73E-04	2.57E-04	6.02E-04	1.24E-04
505	624658.58	4265572.57	3.91E-03	1.34E-03	3.27E-03	1.01E-03	7.73E-04	2.57E-04	6.03E-04	1.24E-04
506	624648.67	4265572.43	3.90E-03	1.34E-03	3.26E-03	1.01E-03	7.73E-04	2.57E-04	6.02E-04	1.24E-04
507	624638.76	4265572.3	3.89E-03	1.34E-03	3.25E-03	1.00E-03	7.70E-04	2.56E-04	6.01E-04	1.24E-04
508	624628.85	4265572.16	3.87E-03	1.33E-03	3.24E-03	9.97E-04	7.67E-04	2.55E-04	5.98E-04	1.23E-04
509	624618.95	4265572.02	3.85E-03	1.32E-03	3.22E-03	9.90E-04	7.61E-04	2.53E-04	5.94E-04	1.22E-04
510	624609.04	4265571.88	3.82E-03	1.31E-03	3.19E-03	9.83E-04	7.56E-04	2.52E-04	5.89E-04	1.21E-04
511	624599.13	4265571.75	3.79E-03	1.30E-03	3.16E-03	9.75E-04	7.49E-04	2.49E-04	5.84E-04	1.20E-04
512	624589.22	4265571.61	3.75E-03	1.29E-03	3.13E-03	9.65E-04	7.42E-04	2.47E-04	5.78E-04	1.19E-04
513	624579.31	4265571.47	3.70E-03	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.71E-04	1.17E-04
514	624569.4	4265571.34	3.64E-03	1.25E-03	3.05E-03	9.38E-04	7.21E-04	2.40E-04	5.62E-04	1.16E-04
515	624559.49	4265571.2	3.58E-03	1.23E-03	2.99E-03	9.22E-04	7.09E-04	2.36E-04	5.53E-04	1.14E-04
516	624549.58	4265571.06	3.52E-03	1.21E-03	2.94E-03	9.05E-04	6.96E-04	2.32E-04	5.42E-04	1.12E-04
517	624539.67	4265570.92	3.45E-03	1.19E-03	2.88E-03	8.87E-04	6.82E-04	2.27E-04	5.32E-04	1.09E-04
518	624529.77	4265570.79	3.37E-03	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04	1.07E-04
519	624519.86	4265570.65	3.29E-03	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.07E-04	1.04E-04
520	624509.95	4265570.51	3.20E-03	1.10E-03	2.67E-03	8.24E-04	6.33E-04	2.11E-04	4.94E-04	1.02E-04
521	624500.04	4265570.37	3.11E-03	1.07E-03	2.60E-03	7.99E-04	6.15E-04	2.05E-04	4.79E-04	9.85E-05
522	624490.13	4265570.24	3.01E-03	1.03E-03	2.52E-03	7.75E-04	5.96E-04	1.98E-04	4.64E-04	9.55E-05
523	624480.22	4265570.1	2.91E-03	1.00E-03	2.43E-03	7.49E-04	5.76E-04	1.92E-04	4.49E-04	9.24E-05
524	624470.31	4265569.96	2.81E-03	9.65E-04	2.35E-03	7.23E-04	5.56E-04	1.85E-04	4.33E-04	8.91E-05
525	624460.4	4265569.82	2.70E-03	9.27E-04	2.25E-03	6.94E-04	5.34E-04	1.78E-04	4.16E-04	8.56E-05
526	624450.5	4265569.69	2.58E-03	8.87E-04	2.16E-03	6.64E-04	5.11E-04	1.70E-04	3.98E-04	8.19E-05
527	624440.59	4265569.55	2.46E-03	8.45E-04	2.06E-03	6.33E-04	4.87E-04	1.62E-04	3.79E-04	7.80E-05
528	624430.68	4265569.41	2.34E-03	8.04E-04	1.95E-03	6.02E-04	4.63E-04	1.54E-04	3.61E-04	7.42E-05
529	624420.77	4265569.27	2.22E-03	7.64E-04	1.86E-03	5.72E-04	4.40E-04	1.46E-04	3.43E-04	7.06E-05
530	624410.86	4265569.14	2.11E-03	7.27E-04	1.77E-03	5.44E-04	4.18E-04	1.39E-04	3.26E-04	6.71E-05
531	624400.95	4265569	2.01E-03	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.10E-04	6.38E-05
532	624391.04	4265568.86	1.91E-03	6.58E-04	1.60E-03	4.93E-04	3.79E-04	1.26E-04	2.95E-04	6.08E-05
533	624381.13	4265568.72	1.83E-03	6.28E-04	1.53E-03	4.70E-04	3.61E-04	1.20E-04	2.82E-04	5.79E-05
534	624371.23	4265568.59	1.74E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.53E-05
535	624361.32	4265568.45	1.67E-03	5.75E-04	1.40E-03	4.30E-04	3.31E-04	1.10E-04	2.58E-04	5.30E-05
536	624874.7	4265557.91	2.84E-03	9.78E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04	9.03E-05
537	624883.5	4265561.71	2.81E-03	9.65E-04	2.34E-03	7.22E-04	5.55E-04	1.85E-04	4.33E-04	8.90E-05
538	624892.3	4265565.5	2.76E-03	9.48E-04	2.30E-03	7.10E-04	5.46E-04	1.82E-04	4.25E-04	8.75E-05
539	624901.1	4265569.3	2.70E-03	9.28E-04	2.26E-03	6.95E-04	5.34E-04	1.78E-04	4.16E-04	8.56E-05
540	624909.89	4265573.09	2.63E-03	9.06E-04	2.20E-03	6.78E-04	5.21E-04	1.74E-04	4.06E-04	8.36E-05
541	624918.69	4265576.89	2.57E-03	8.82E-04	2.14E-03	6.60E-04	5.08E-04	1.69E-04	3.96E-04	8.14E-05
542	624927.49	4265580.68	2.49E-03	8.57E-04	2.08E-03	6.42E-04	4.94E-04	1.64E-04	3.85E-04	7.91E-05
543	624936.29	4265584.48	2.42E-03	8.32E-04	2.02E-03	6.23E-04	4.79E-04	1.59E-04	3.73E-04	7.68E-05
544	624948.61	4265597.18	2.35E-03	8.07E-04	1.96E-03	6.04E-04	4.65E-04	1.55E-04	3.62E-04	7.45E-05
545	624952.14	4265606.09	2.35E-03	8.07E-04	1.96E-03	6.04E-04	4.64E-04	1.55E-04	3.62E-04	7.44E-05
546	624955.67	4265615	2.34E-03	8.05E-04	1.96E-03	6.03E-04	4.63E-04	1.54E-04	3.61E-04	7.43E-05

547	624959.19	4265623.91	2.33E-03	8.02E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.40E-05
548	624962.72	4265632.82	2.32E-03	7.98E-04	1.94E-03	5.97E-04	4.59E-04	1.53E-04	3.58E-04	7.36E-05
549	624966.25	4265641.73	2.30E-03	7.93E-04	1.93E-03	5.93E-04	4.56E-04	1.52E-04	3.56E-04	7.31E-05
550	624969.77	4265650.64	2.29E-03	7.86E-04	1.91E-03	5.88E-04	4.52E-04	1.51E-04	3.53E-04	7.25E-05
551	624973.3	4265659.55	2.26E-03	7.78E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04	7.18E-05
552	624976.83	4265668.46	2.24E-03	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04	7.10E-05
553	624847.19	4265550.18	2.96E-03	1.02E-03	2.47E-03	7.61E-04	5.85E-04	1.95E-04	4.56E-04	9.38E-05
554	624837.29	4265550.05	3.01E-03	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04	9.56E-05
555	624827.38	4265549.91	3.07E-03	1.05E-03	2.56E-03	7.89E-04	6.07E-04	2.02E-04	4.73E-04	9.73E-05
556	624817.47	4265549.77	3.11E-03	1.07E-03	2.60E-03	8.01E-04	6.16E-04	2.05E-04	4.80E-04	9.88E-05
557	624807.56	4265549.64	3.15E-03	1.08E-03	2.64E-03	8.12E-04	6.24E-04	2.08E-04	4.87E-04	1.00E-04
558	624797.65	4265549.5	3.19E-03	1.10E-03	2.67E-03	8.22E-04	6.32E-04	2.10E-04	4.93E-04	1.01E-04
559	624787.74	4265549.36	3.22E-03	1.11E-03	2.69E-03	8.30E-04	6.38E-04	2.12E-04	4.97E-04	1.02E-04
560	624777.83	4265549.22	3.25E-03	1.12E-03	2.72E-03	8.37E-04	6.43E-04	2.14E-04	5.01E-04	1.03E-04
561	624767.92	4265549.09	3.27E-03	1.12E-03	2.73E-03	8.42E-04	6.47E-04	2.15E-04	5.05E-04	1.04E-04
562	624758.02	4265548.95	3.29E-03	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.08E-04	1.04E-04
563	624748.11	4265548.81	3.31E-03	1.14E-03	2.76E-03	8.52E-04	6.55E-04	2.18E-04	5.10E-04	1.05E-04
564	624738.2	4265548.67	3.33E-03	1.14E-03	2.78E-03	8.56E-04	6.58E-04	2.19E-04	5.13E-04	1.06E-04
565	624728.29	4265548.54	3.34E-03	1.15E-03	2.79E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04	1.06E-04
566	624718.38	4265548.4	3.36E-03	1.15E-03	2.81E-03	8.64E-04	6.65E-04	2.21E-04	5.18E-04	1.07E-04
567	624708.47	4265548.26	3.37E-03	1.16E-03	2.81E-03	8.67E-04	6.66E-04	2.22E-04	5.20E-04	1.07E-04
568	624698.56	4265548.12	3.37E-03	1.16E-03	2.82E-03	8.69E-04	6.68E-04	2.22E-04	5.21E-04	1.07E-04
569	624688.65	4265547.99	3.38E-03	1.16E-03	2.82E-03	8.70E-04	6.69E-04	2.23E-04	5.21E-04	1.07E-04
570	624678.74	4265547.85	3.38E-03	1.16E-03	2.83E-03	8.71E-04	6.69E-04	2.23E-04	5.22E-04	1.07E-04
571	624668.84	4265547.71	3.38E-03	1.16E-03	2.83E-03	8.71E-04	6.70E-04	2.23E-04	5.22E-04	1.07E-04
572	624658.93	4265547.57	3.38E-03	1.16E-03	2.83E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04	1.07E-04
573	624649.02	4265547.44	3.37E-03	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04	1.07E-04
574	624639.11	4265547.3	3.35E-03	1.15E-03	2.80E-03	8.64E-04	6.64E-04	2.21E-04	5.18E-04	1.06E-04
575	624629.2	4265547.16	3.33E-03	1.15E-03	2.79E-03	8.58E-04	6.60E-04	2.20E-04	5.14E-04	1.06E-04
576	624619.29	4265547.02	3.31E-03	1.14E-03	2.76E-03	8.51E-04	6.54E-04	2.18E-04	5.10E-04	1.05E-04
577	624609.38	4265546.89	3.28E-03	1.13E-03	2.74E-03	8.43E-04	6.48E-04	2.16E-04	5.06E-04	1.04E-04
578	624599.47	4265546.75	3.24E-03	1.11E-03	2.71E-03	8.35E-04	6.42E-04	2.14E-04	5.00E-04	1.03E-04
579	624589.57	4265546.61	3.20E-03	1.10E-03	2.68E-03	8.25E-04	6.34E-04	2.11E-04	4.94E-04	1.02E-04
580	624579.66	4265546.47	3.16E-03	1.09E-03	2.64E-03	8.13E-04	6.25E-04	2.08E-04	4.87E-04	1.00E-04
581	624569.75	4265546.34	3.11E-03	1.07E-03	2.60E-03	8.00E-04	6.15E-04	2.05E-04	4.79E-04	9.86E-05
582	624559.84	4265546.2	3.05E-03	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04	9.68E-05
583	624549.93	4265546.06	2.99E-03	1.03E-03	2.50E-03	7.70E-04	5.92E-04	1.97E-04	4.62E-04	9.49E-05
584	624540.02	4265545.93	2.93E-03	1.01E-03	2.45E-03	7.54E-04	5.80E-04	1.93E-04	4.52E-04	9.30E-05
585	624530.11	4265545.79	2.86E-03	9.85E-04	2.39E-03	7.37E-04	5.67E-04	1.89E-04	4.42E-04	9.09E-05
586	624520.2	4265545.65	2.79E-03	9.60E-04	2.33E-03	7.19E-04	5.53E-04	1.84E-04	4.31E-04	8.86E-05
587	624510.3	4265545.51	2.72E-03	9.34E-04	2.27E-03	6.99E-04	5.38E-04	1.79E-04	4.19E-04	8.62E-05
588	624500.39	4265545.38	2.64E-03	9.06E-04	2.20E-03	6.78E-04	5.22E-04	1.74E-04	4.07E-04	8.36E-05
589	624490.48	4265545.24	2.55E-03	8.78E-04	2.13E-03	6.57E-04	5.05E-04	1.68E-04	3.94E-04	8.10E-05
590	624480.57	4265545.1	2.47E-03	8.49E-04	2.06E-03	6.36E-04	4.89E-04	1.63E-04	3.81E-04	7.84E-05
591	624470.66	4265544.96	2.38E-03	8.19E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04	7.56E-05
592	624460.75	4265544.83	2.29E-03	7.89E-04	1.92E-03	5.90E-04	4.54E-04	1.51E-04	3.54E-04	7.28E-05
593	624450.84	4265544.69	2.20E-03	7.57E-04	1.84E-03	5.67E-04	4.36E-04	1.45E-04	3.40E-04	6.98E-05
594	624440.93	4265544.55	2.11E-03	7.25E-04	1.76E-03	5.43E-04	4.17E-04	1.39E-04	3.25E-04	6.69E-05
595	624431.02	4265544.41	2.02E-03	6.94E-04	1.69E-03	5.20E-04	3.99E-04	1.33E-04	3.11E-04	6.41E-05
596	624421.12	4265544.28	1.93E-03	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.98E-04	6.14E-05
597	624411.21	4265544.14	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
598	624401.3	4265544	1.78E-03	6.11E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.74E-04	5.64E-05
599	624391.39	4265543.86	1.71E-03	5.86E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04	5.41E-05
600	624381.48	4265543.73	1.64E-03	5.63E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.53E-04	5.19E-05
601	624371.57	4265543.59	1.57E-03	5.41E-04	1.31E-03	4.05E-04	3.11E-04	1.04E-04	2.43E-04	4.99E-05

602	624361.66	4265543.45	1.51E-03	5.20E-04	1.26E-03	3.90E-04	3.00E-04	9.97E-05	2.33E-04	4.80E-05
603	624866.25	4265529.12	2.61E-03	8.97E-04	2.18E-03	6.71E-04	5.16E-04	1.72E-04	4.02E-04	8.28E-05
604	624875.05	4265532.91	2.59E-03	8.91E-04	2.17E-03	6.67E-04	5.13E-04	1.71E-04	4.00E-04	8.22E-05
605	624883.85	4265536.71	2.57E-03	8.83E-04	2.15E-03	6.61E-04	5.08E-04	1.69E-04	3.96E-04	8.15E-05
606	624892.64	4265540.5	2.54E-03	8.72E-04	2.12E-03	6.53E-04	5.02E-04	1.67E-04	3.91E-04	8.05E-05
607	624901.44	4265544.3	2.50E-03	8.58E-04	2.09E-03	6.43E-04	4.94E-04	1.64E-04	3.85E-04	7.92E-05
608	624910.24	4265548.09	2.45E-03	8.43E-04	2.05E-03	6.31E-04	4.85E-04	1.61E-04	3.78E-04	7.78E-05
609	624919.04	4265551.89	2.40E-03	8.25E-04	2.01E-03	6.18E-04	4.75E-04	1.58E-04	3.70E-04	7.61E-05
610	624927.84	4265555.68	2.34E-03	8.06E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.62E-04	7.44E-05
611	624936.64	4265559.48	2.28E-03	7.86E-04	1.91E-03	5.88E-04	4.52E-04	1.51E-04	3.53E-04	7.25E-05
612	624945.44	4265563.27	2.22E-03	7.65E-04	1.86E-03	5.73E-04	4.40E-04	1.47E-04	3.43E-04	7.06E-05
613	624954.23	4265567.07	2.16E-03	7.43E-04	1.81E-03	5.56E-04	4.28E-04	1.42E-04	3.33E-04	6.86E-05
614	624966.56	4265579.77	2.10E-03	7.22E-04	1.75E-03	5.41E-04	4.16E-04	1.38E-04	3.24E-04	6.66E-05
615	624970.09	4265588.68	2.10E-03	7.22E-04	1.75E-03	5.40E-04	4.15E-04	1.38E-04	3.24E-04	6.66E-05
616	624973.61	4265597.59	2.09E-03	7.20E-04	1.75E-03	5.39E-04	4.15E-04	1.38E-04	3.23E-04	6.65E-05
617	624977.14	4265606.5	2.09E-03	7.18E-04	1.74E-03	5.37E-04	4.13E-04	1.38E-04	3.22E-04	6.62E-05
618	624980.66	4265615.41	2.08E-03	7.14E-04	1.74E-03	5.35E-04	4.11E-04	1.37E-04	3.21E-04	6.59E-05
619	624984.19	4265624.32	2.07E-03	7.10E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04	6.55E-05
620	624987.72	4265633.23	2.05E-03	7.05E-04	1.71E-03	5.28E-04	4.06E-04	1.35E-04	3.16E-04	6.51E-05
621	624991.24	4265642.14	2.03E-03	6.99E-04	1.70E-03	5.23E-04	4.02E-04	1.34E-04	3.14E-04	6.45E-05
622	624994.77	4265651.05	2.01E-03	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.10E-04	6.38E-05
623	624998.3	4265659.96	1.99E-03	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04	6.31E-05
624	625001.82	4265668.87	1.96E-03	6.75E-04	1.64E-03	5.06E-04	3.89E-04	1.29E-04	3.03E-04	6.23E-05
625	624857.45	4265525.32	2.62E-03	9.00E-04	2.19E-03	6.74E-04	5.18E-04	1.72E-04	4.04E-04	8.31E-05
626	624847.54	4265525.19	2.67E-03	9.17E-04	2.23E-03	6.86E-04	5.28E-04	1.76E-04	4.11E-04	8.46E-05
627	624837.63	4265525.05	2.71E-03	9.32E-04	2.26E-03	6.98E-04	5.36E-04	1.79E-04	4.18E-04	8.60E-05
628	624827.72	4265524.91	2.75E-03	9.45E-04	2.30E-03	7.08E-04	5.44E-04	1.81E-04	4.24E-04	8.73E-05
629	624817.81	4265524.77	2.79E-03	9.58E-04	2.33E-03	7.17E-04	5.51E-04	1.84E-04	4.30E-04	8.84E-05
630	624807.91	4265524.64	2.82E-03	9.70E-04	2.36E-03	7.26E-04	5.58E-04	1.86E-04	4.35E-04	8.95E-05
631	624798	4265524.5	2.85E-03	9.80E-04	2.38E-03	7.33E-04	5.64E-04	1.88E-04	4.40E-04	9.04E-05
632	624788.09	4265524.36	2.87E-03	9.88E-04	2.40E-03	7.40E-04	5.69E-04	1.89E-04	4.43E-04	9.12E-05
633	624778.18	4265524.23	2.89E-03	9.95E-04	2.42E-03	7.45E-04	5.73E-04	1.91E-04	4.47E-04	9.19E-05
634	624768.27	4265524.09	2.91E-03	1.00E-03	2.43E-03	7.49E-04	5.76E-04	1.92E-04	4.49E-04	9.24E-05
635	624758.36	4265523.95	2.92E-03	1.01E-03	2.44E-03	7.53E-04	5.79E-04	1.93E-04	4.51E-04	9.28E-05
636	624748.45	4265523.81	2.94E-03	1.01E-03	2.45E-03	7.56E-04	5.81E-04	1.93E-04	4.53E-04	9.32E-05
637	624738.54	4265523.68	2.95E-03	1.01E-03	2.46E-03	7.59E-04	5.84E-04	1.94E-04	4.55E-04	9.36E-05
638	624728.64	4265523.54	2.96E-03	1.02E-03	2.47E-03	7.62E-04	5.86E-04	1.95E-04	4.57E-04	9.39E-05
639	624718.73	4265523.4	2.97E-03	1.02E-03	2.48E-03	7.64E-04	5.87E-04	1.95E-04	4.58E-04	9.41E-05
640	624708.82	4265523.26	2.97E-03	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.58E-04	9.43E-05
641	624698.91	4265523.13	2.97E-03	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.59E-04	9.43E-05
642	624689	4265522.99	2.97E-03	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.59E-04	9.43E-05
643	624679.09	4265522.85	2.97E-03	1.02E-03	2.48E-03	7.64E-04	5.88E-04	1.96E-04	4.58E-04	9.42E-05
644	624669.18	4265522.71	2.96E-03	1.02E-03	2.48E-03	7.63E-04	5.87E-04	1.95E-04	4.57E-04	9.41E-05
645	624659.27	4265522.58	2.96E-03	1.02E-03	2.47E-03	7.61E-04	5.85E-04	1.95E-04	4.56E-04	9.38E-05
646	624649.36	4265522.44	2.94E-03	1.01E-03	2.46E-03	7.58E-04	5.83E-04	1.94E-04	4.54E-04	9.35E-05
647	624639.46	4265522.3	2.93E-03	1.01E-03	2.45E-03	7.54E-04	5.79E-04	1.93E-04	4.52E-04	9.29E-05
648	624629.55	4265522.16	2.90E-03	9.99E-04	2.43E-03	7.48E-04	5.75E-04	1.91E-04	4.48E-04	9.22E-05
649	624619.64	4265522.03	2.88E-03	9.90E-04	2.41E-03	7.41E-04	5.70E-04	1.90E-04	4.44E-04	9.13E-05
650	624609.73	4265521.89	2.85E-03	9.79E-04	2.38E-03	7.33E-04	5.64E-04	1.88E-04	4.39E-04	9.04E-05
651	624599.82	4265521.75	2.81E-03	9.68E-04	2.35E-03	7.25E-04	5.57E-04	1.85E-04	4.34E-04	8.93E-05
652	624589.91	4265521.61	2.78E-03	9.55E-04	2.32E-03	7.15E-04	5.50E-04	1.83E-04	4.28E-04	8.81E-05
653	624580	4265521.48	2.74E-03	9.40E-04	2.29E-03	7.04E-04	5.41E-04	1.80E-04	4.22E-04	8.68E-05
654	624570.09	4265521.34	2.69E-03	9.24E-04	2.25E-03	6.92E-04	5.32E-04	1.77E-04	4.15E-04	8.53E-05
655	624560.19	4265521.2	2.64E-03	9.07E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.37E-05
656	624550.28	4265521.07	2.58E-03	8.89E-04	2.16E-03	6.65E-04	5.12E-04	1.70E-04	3.99E-04	8.20E-05

657	624540.37	4265520.93	2.53E-03	8.70E-04	2.11E-03	6.51E-04	5.01E-04	1.67E-04	3.90E-04	8.03E-05
658	624530.46	4265520.79	2.47E-03	8.49E-04	2.06E-03	6.36E-04	4.89E-04	1.63E-04	3.81E-04	7.84E-05
659	624520.55	4265520.65	2.41E-03	8.28E-04	2.01E-03	6.20E-04	4.77E-04	1.59E-04	3.72E-04	7.64E-05
660	624510.64	4265520.52	2.34E-03	8.05E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.61E-04	7.43E-05
661	624500.73	4265520.38	2.27E-03	7.82E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04	7.22E-05
662	624490.82	4265520.24	2.20E-03	7.58E-04	1.84E-03	5.68E-04	4.36E-04	1.45E-04	3.40E-04	7.00E-05
663	624480.92	4265520.1	2.13E-03	7.34E-04	1.78E-03	5.49E-04	4.22E-04	1.41E-04	3.29E-04	6.77E-05
664	624471.01	4265519.97	2.06E-03	7.09E-04	1.72E-03	5.31E-04	4.08E-04	1.36E-04	3.18E-04	6.55E-05
665	624461.1	4265519.83	1.99E-03	6.85E-04	1.66E-03	5.13E-04	3.94E-04	1.31E-04	3.07E-04	6.32E-05
666	624451.19	4265519.69	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
667	624441.28	4265519.55	1.85E-03	6.35E-04	1.54E-03	4.76E-04	3.66E-04	1.22E-04	2.85E-04	5.86E-05
668	624431.37	4265519.42	1.78E-03	6.12E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.74E-04	5.64E-05
669	624421.46	4265519.28	1.71E-03	5.89E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04	5.44E-05
670	624411.55	4265519.14	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
671	624401.64	4265519	1.59E-03	5.48E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04	5.06E-05
672	624391.74	4265518.87	1.54E-03	5.28E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
673	624381.83	4265518.73	1.48E-03	5.10E-04	1.24E-03	3.82E-04	2.93E-04	9.77E-05	2.29E-04	4.70E-05
674	624371.92	4265518.59	1.43E-03	4.92E-04	1.20E-03	3.68E-04	2.83E-04	9.42E-05	2.21E-04	4.54E-05
675	624362.01	4265518.45	1.38E-03	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04	4.38E-05
676	624866.59	4265504.12	2.38E-03	8.18E-04	1.99E-03	6.12E-04	4.71E-04	1.57E-04	3.67E-04	7.55E-05
677	624875.39	4265507.92	2.37E-03	8.15E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.66E-04	7.52E-05
678	624884.19	4265511.71	2.36E-03	8.10E-04	1.97E-03	6.07E-04	4.66E-04	1.55E-04	3.64E-04	7.48E-05
679	624892.99	4265515.51	2.34E-03	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.41E-05
680	624901.79	4265519.3	2.31E-03	7.94E-04	1.93E-03	5.95E-04	4.57E-04	1.52E-04	3.56E-04	7.33E-05
681	624910.59	4265523.1	2.28E-03	7.83E-04	1.90E-03	5.86E-04	4.51E-04	1.50E-04	3.51E-04	7.23E-05
682	624919.39	4265526.89	2.24E-03	7.70E-04	1.87E-03	5.77E-04	4.43E-04	1.48E-04	3.46E-04	7.11E-05
683	624928.18	4265530.69	2.20E-03	7.56E-04	1.84E-03	5.66E-04	4.35E-04	1.45E-04	3.39E-04	6.98E-05
684	624936.98	4265534.48	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04	6.83E-05
685	624945.78	4265538.28	2.10E-03	7.24E-04	1.76E-03	5.42E-04	4.16E-04	1.39E-04	3.25E-04	6.68E-05
686	624954.58	4265542.07	2.05E-03	7.06E-04	1.72E-03	5.29E-04	4.06E-04	1.35E-04	3.17E-04	6.52E-05
687	624963.38	4265545.87	2.00E-03	6.88E-04	1.67E-03	5.15E-04	3.96E-04	1.32E-04	3.09E-04	6.35E-05
688	624972.18	4265549.66	1.95E-03	6.70E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.18E-05
689	624984.5	4265562.37	1.89E-03	6.51E-04	1.58E-03	4.88E-04	3.75E-04	1.25E-04	2.92E-04	6.01E-05
690	624988.03	4265571.28	1.89E-03	6.51E-04	1.58E-03	4.87E-04	3.74E-04	1.25E-04	2.92E-04	6.00E-05
691	624991.56	4265580.19	1.89E-03	6.49E-04	1.58E-03	4.86E-04	3.74E-04	1.24E-04	2.91E-04	5.99E-05
692	624995.08	4265589.1	1.88E-03	6.47E-04	1.57E-03	4.85E-04	3.73E-04	1.24E-04	2.90E-04	5.97E-05
693	624998.61	4265598	1.87E-03	6.44E-04	1.57E-03	4.83E-04	3.71E-04	1.23E-04	2.89E-04	5.95E-05
694	625002.13	4265606.91	1.86E-03	6.41E-04	1.56E-03	4.80E-04	3.69E-04	1.23E-04	2.88E-04	5.92E-05
695	625005.66	4265615.82	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
696	625009.19	4265624.73	1.84E-03	6.32E-04	1.54E-03	4.73E-04	3.64E-04	1.21E-04	2.84E-04	5.83E-05
697	625012.71	4265633.64	1.82E-03	6.26E-04	1.52E-03	4.69E-04	3.60E-04	1.20E-04	2.81E-04	5.78E-05
698	625016.24	4265642.55	1.80E-03	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.72E-05
699	625019.77	4265651.46	1.78E-03	6.13E-04	1.49E-03	4.59E-04	3.53E-04	1.17E-04	2.75E-04	5.66E-05
700	625023.29	4265660.37	1.76E-03	6.05E-04	1.47E-03	4.53E-04	3.48E-04	1.16E-04	2.72E-04	5.59E-05
701	625026.82	4265669.28	1.74E-03	5.97E-04	1.45E-03	4.47E-04	3.44E-04	1.14E-04	2.68E-04	5.51E-05
702	624857.8	4265500.33	2.38E-03	8.20E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04	7.56E-05
703	624847.89	4265500.19	2.42E-03	8.32E-04	2.02E-03	6.23E-04	4.79E-04	1.59E-04	3.74E-04	7.68E-05
704	624837.98	4265500.05	2.45E-03	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04	7.79E-05
705	624828.07	4265499.91	2.49E-03	8.55E-04	2.08E-03	6.40E-04	4.92E-04	1.64E-04	3.84E-04	7.89E-05
706	624818.16	4265499.78	2.52E-03	8.65E-04	2.10E-03	6.48E-04	4.98E-04	1.66E-04	3.88E-04	7.99E-05
707	624808.25	4265499.64	2.54E-03	8.74E-04	2.13E-03	6.55E-04	5.03E-04	1.68E-04	3.92E-04	8.07E-05
708	624798.34	4265499.5	2.57E-03	8.82E-04	2.14E-03	6.61E-04	5.08E-04	1.69E-04	3.96E-04	8.14E-05
709	624788.43	4265499.37	2.59E-03	8.89E-04	2.16E-03	6.66E-04	5.12E-04	1.70E-04	3.99E-04	8.21E-05
710	624778.53	4265499.23	2.60E-03	8.95E-04	2.17E-03	6.70E-04	5.15E-04	1.71E-04	4.01E-04	8.26E-05
711	624768.62	4265499.09	2.61E-03	8.99E-04	2.19E-03	6.73E-04	5.18E-04	1.72E-04	4.03E-04	8.30E-05

712	624758.71	4265498.95	2.62E-03	9.02E-04	2.19E-03	6.76E-04	5.19E-04	1.73E-04	4.05E-04	8.33E-05
713	624748.8	4265498.82	2.63E-03	9.05E-04	2.20E-03	6.78E-04	5.21E-04	1.73E-04	4.06E-04	8.35E-05
714	624738.89	4265498.68	2.64E-03	9.07E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.37E-05
715	624728.98	4265498.54	2.64E-03	9.09E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.08E-04	8.39E-05
716	624719.07	4265498.4	2.64E-03	9.09E-04	2.21E-03	6.81E-04	5.23E-04	1.74E-04	4.08E-04	8.39E-05
717	624709.16	4265498.27	2.64E-03	9.09E-04	2.21E-03	6.81E-04	5.23E-04	1.74E-04	4.08E-04	8.39E-05
718	624699.26	4265498.13	2.64E-03	9.08E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.08E-04	8.38E-05
719	624689.35	4265497.99	2.64E-03	9.07E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.37E-05
720	624679.44	4265497.85	2.63E-03	9.04E-04	2.20E-03	6.77E-04	5.21E-04	1.73E-04	4.06E-04	8.35E-05
721	624669.53	4265497.72	2.62E-03	9.02E-04	2.19E-03	6.75E-04	5.19E-04	1.73E-04	4.05E-04	8.32E-05
722	624659.62	4265497.58	2.61E-03	8.98E-04	2.18E-03	6.72E-04	5.17E-04	1.72E-04	4.03E-04	8.29E-05
723	624649.71	4265497.44	2.60E-03	8.93E-04	2.17E-03	6.68E-04	5.14E-04	1.71E-04	4.01E-04	8.24E-05
724	624639.8	4265497.3	2.58E-03	8.87E-04	2.15E-03	6.64E-04	5.10E-04	1.70E-04	3.98E-04	8.18E-05
725	624629.89	4265497.17	2.56E-03	8.79E-04	2.14E-03	6.58E-04	5.06E-04	1.68E-04	3.94E-04	8.11E-05
726	624619.99	4265497.03	2.53E-03	8.70E-04	2.12E-03	6.51E-04	5.01E-04	1.67E-04	3.90E-04	8.03E-05
727	624610.08	4265496.89	2.50E-03	8.60E-04	2.09E-03	6.44E-04	4.95E-04	1.65E-04	3.86E-04	7.94E-05
728	624600.17	4265496.75	2.47E-03	8.49E-04	2.06E-03	6.36E-04	4.89E-04	1.63E-04	3.81E-04	7.84E-05
729	624590.26	4265496.62	2.43E-03	8.37E-04	2.03E-03	6.27E-04	4.82E-04	1.60E-04	3.76E-04	7.72E-05
730	624580.35	4265496.48	2.40E-03	8.24E-04	2.00E-03	6.17E-04	4.74E-04	1.58E-04	3.70E-04	7.60E-05
731	624570.44	4265496.34	2.35E-03	8.09E-04	1.97E-03	6.06E-04	4.66E-04	1.55E-04	3.63E-04	7.47E-05
732	624560.53	4265496.2	2.31E-03	7.94E-04	1.93E-03	5.94E-04	4.57E-04	1.52E-04	3.56E-04	7.32E-05
733	624550.62	4265496.07	2.26E-03	7.77E-04	1.89E-03	5.82E-04	4.47E-04	1.49E-04	3.49E-04	7.17E-05
734	624540.71	4265495.93	2.21E-03	7.60E-04	1.85E-03	5.69E-04	4.37E-04	1.46E-04	3.41E-04	7.01E-05
735	624530.81	4265495.79	2.16E-03	7.42E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04	6.85E-05
736	624520.9	4265495.66	2.10E-03	7.23E-04	1.76E-03	5.42E-04	4.16E-04	1.39E-04	3.25E-04	6.68E-05
737	624510.99	4265495.52	2.05E-03	7.04E-04	1.71E-03	5.27E-04	4.05E-04	1.35E-04	3.16E-04	6.50E-05
738	624501.08	4265495.38	1.99E-03	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04	6.32E-05
739	624491.17	4265495.24	1.93E-03	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04	6.13E-05
740	624481.26	4265495.11	1.87E-03	6.44E-04	1.57E-03	4.82E-04	3.71E-04	1.23E-04	2.89E-04	5.94E-05
741	624471.35	4265494.97	1.81E-03	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.20E-04	2.80E-04	5.76E-05
742	624461.44	4265494.83	1.76E-03	6.04E-04	1.47E-03	4.52E-04	3.48E-04	1.16E-04	2.71E-04	5.58E-05
743	624451.54	4265494.69	1.70E-03	5.85E-04	1.42E-03	4.38E-04	3.36E-04	1.12E-04	2.62E-04	5.39E-05
744	624441.63	4265494.56	1.64E-03	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.54E-04	5.22E-05
745	624431.72	4265494.42	1.59E-03	5.47E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04	5.05E-05
746	624421.81	4265494.28	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.37E-04	4.88E-05
747	624411.9	4265494.14	1.49E-03	5.12E-04	1.25E-03	3.84E-04	2.95E-04	9.82E-05	2.30E-04	4.73E-05
748	624401.99	4265494.01	1.44E-03	4.96E-04	1.21E-03	3.72E-04	2.86E-04	9.51E-05	2.23E-04	4.58E-05
749	624392.08	4265493.87	1.40E-03	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.21E-05	2.16E-04	4.44E-05
750	624382.17	4265493.73	1.35E-03	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.92E-05	2.09E-04	4.29E-05
751	624372.27	4265493.59	1.31E-03	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.63E-05	2.02E-04	4.16E-05
752	624362.36	4265493.46	1.27E-03	4.37E-04	1.06E-03	3.27E-04	2.51E-04	8.37E-05	1.96E-04	4.03E-05
753	624866.94	4265479.12	2.18E-03	7.50E-04	1.82E-03	5.62E-04	4.32E-04	1.44E-04	3.37E-04	6.92E-05
754	624875.74	4265482.92	2.18E-03	7.49E-04	1.82E-03	5.60E-04	4.31E-04	1.43E-04	3.36E-04	6.91E-05
755	624884.54	4265486.71	2.17E-03	7.46E-04	1.81E-03	5.58E-04	4.29E-04	1.43E-04	3.35E-04	6.88E-05
756	624893.34	4265490.51	2.16E-03	7.42E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04	6.84E-05
757	624902.14	4265494.3	2.14E-03	7.36E-04	1.79E-03	5.51E-04	4.23E-04	1.41E-04	3.30E-04	6.79E-05
758	624910.93	4265498.1	2.12E-03	7.28E-04	1.77E-03	5.45E-04	4.19E-04	1.40E-04	3.27E-04	6.72E-05
759	624919.73	4265501.89	2.09E-03	7.19E-04	1.75E-03	5.38E-04	4.14E-04	1.38E-04	3.23E-04	6.64E-05
760	624928.53	4265505.69	2.06E-03	7.08E-04	1.72E-03	5.30E-04	4.08E-04	1.36E-04	3.18E-04	6.54E-05
761	624937.33	4265509.48	2.03E-03	6.97E-04	1.69E-03	5.22E-04	4.01E-04	1.33E-04	3.13E-04	6.43E-05
762	624946.13	4265513.28	1.99E-03	6.83E-04	1.66E-03	5.12E-04	3.93E-04	1.31E-04	3.07E-04	6.31E-05
763	624954.93	4265517.07	1.95E-03	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.18E-05
764	624963.73	4265520.87	1.90E-03	6.54E-04	1.59E-03	4.90E-04	3.77E-04	1.25E-04	2.94E-04	6.04E-05
765	624972.52	4265524.66	1.86E-03	6.39E-04	1.55E-03	4.79E-04	3.68E-04	1.22E-04	2.87E-04	5.90E-05
766	624981.32	4265528.46	1.81E-03	6.23E-04	1.52E-03	4.67E-04	3.59E-04	1.19E-04	2.80E-04	5.75E-05

767	624990.12	4265532.25	1.77E-03	6.07E-04	1.48E-03	4.55E-04	3.50E-04	1.16E-04	2.73E-04	5.61E-05
768	625002.45	4265544.96	1.72E-03	5.91E-04	1.44E-03	4.43E-04	3.40E-04	1.13E-04	2.65E-04	5.46E-05
769	625005.97	4265553.87	1.72E-03	5.91E-04	1.44E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04	5.45E-05
770	625009.5	4265562.78	1.71E-03	5.89E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04	5.44E-05
771	625013.03	4265571.69	1.71E-03	5.87E-04	1.43E-03	4.40E-04	3.38E-04	1.13E-04	2.64E-04	5.42E-05
772	625016.55	4265580.6	1.70E-03	5.85E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04	5.40E-05
773	625020.08	4265589.51	1.69E-03	5.82E-04	1.42E-03	4.36E-04	3.35E-04	1.12E-04	2.61E-04	5.37E-05
774	625023.6	4265598.42	1.68E-03	5.79E-04	1.41E-03	4.33E-04	3.33E-04	1.11E-04	2.60E-04	5.34E-05
775	625027.13	4265607.33	1.67E-03	5.75E-04	1.40E-03	4.30E-04	3.31E-04	1.10E-04	2.58E-04	5.30E-05
776	625030.66	4265616.24	1.66E-03	5.70E-04	1.39E-03	4.27E-04	3.28E-04	1.09E-04	2.56E-04	5.26E-05
777	625034.18	4265625.14	1.64E-03	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.53E-04	5.21E-05
778	625037.71	4265634.05	1.63E-03	5.59E-04	1.36E-03	4.19E-04	3.22E-04	1.07E-04	2.51E-04	5.16E-05
779	625041.24	4265642.96	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
780	625044.76	4265651.87	1.59E-03	5.46E-04	1.33E-03	4.09E-04	3.14E-04	1.05E-04	2.45E-04	5.04E-05
781	625048.29	4265660.78	1.57E-03	5.39E-04	1.31E-03	4.04E-04	3.10E-04	1.03E-04	2.42E-04	4.97E-05
782	625051.82	4265669.69	1.55E-03	5.31E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.38E-04	4.90E-05
783	624858.14	4265475.33	2.18E-03	7.50E-04	1.82E-03	5.62E-04	4.32E-04	1.44E-04	3.37E-04	6.93E-05
784	624848.23	4265475.19	2.21E-03	7.60E-04	1.85E-03	5.69E-04	4.38E-04	1.46E-04	3.41E-04	7.02E-05
785	624838.33	4265475.05	2.24E-03	7.70E-04	1.87E-03	5.76E-04	4.43E-04	1.48E-04	3.45E-04	7.11E-05
786	624828.42	4265474.92	2.26E-03	7.79E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04	7.19E-05
787	624818.51	4265474.78	2.29E-03	7.87E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04	7.26E-05
788	624808.6	4265474.64	2.31E-03	7.94E-04	1.93E-03	5.95E-04	4.57E-04	1.52E-04	3.56E-04	7.33E-05
789	624798.69	4265474.5	2.33E-03	8.00E-04	1.95E-03	5.99E-04	4.61E-04	1.53E-04	3.59E-04	7.39E-05
790	624788.78	4265474.37	2.34E-03	8.06E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.62E-04	7.44E-05
791	624778.87	4265474.23	2.36E-03	8.10E-04	1.97E-03	6.07E-04	4.66E-04	1.55E-04	3.63E-04	7.48E-05
792	624768.96	4265474.09	2.37E-03	8.13E-04	1.98E-03	6.09E-04	4.68E-04	1.56E-04	3.65E-04	7.51E-05
793	624759.06	4265473.96	2.37E-03	8.16E-04	1.98E-03	6.11E-04	4.70E-04	1.56E-04	3.66E-04	7.53E-05
794	624749.15	4265473.82	2.38E-03	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.57E-04	3.67E-04	7.54E-05
795	624739.24	4265473.68	2.38E-03	8.18E-04	1.99E-03	6.12E-04	4.71E-04	1.57E-04	3.67E-04	7.55E-05
796	624729.33	4265473.54	2.38E-03	8.18E-04	1.99E-03	6.12E-04	4.71E-04	1.57E-04	3.67E-04	7.55E-05
797	624719.42	4265473.41	2.38E-03	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.56E-04	3.67E-04	7.54E-05
798	624709.51	4265473.27	2.37E-03	8.15E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.66E-04	7.52E-05
799	624699.6	4265473.13	2.37E-03	8.13E-04	1.98E-03	6.09E-04	4.68E-04	1.56E-04	3.65E-04	7.51E-05
800	624689.69	4265472.99	2.36E-03	8.11E-04	1.97E-03	6.07E-04	4.67E-04	1.55E-04	3.64E-04	7.48E-05
801	624679.78	4265472.86	2.35E-03	8.07E-04	1.96E-03	6.05E-04	4.65E-04	1.55E-04	3.62E-04	7.45E-05
802	624669.88	4265472.72	2.34E-03	8.03E-04	1.95E-03	6.02E-04	4.62E-04	1.54E-04	3.61E-04	7.41E-05
803	624659.97	4265472.58	2.32E-03	7.99E-04	1.94E-03	5.98E-04	4.60E-04	1.53E-04	3.58E-04	7.37E-05
804	624650.06	4265472.44	2.31E-03	7.93E-04	1.93E-03	5.94E-04	4.57E-04	1.52E-04	3.56E-04	7.32E-05
805	624640.15	4265472.31	2.29E-03	7.87E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04	7.26E-05
806	624630.24	4265472.17	2.27E-03	7.80E-04	1.90E-03	5.84E-04	4.49E-04	1.49E-04	3.50E-04	7.20E-05
807	624620.33	4265472.03	2.24E-03	7.71E-04	1.87E-03	5.77E-04	4.44E-04	1.48E-04	3.46E-04	7.12E-05
808	624610.42	4265471.89	2.22E-03	7.62E-04	1.85E-03	5.70E-04	4.39E-04	1.46E-04	3.42E-04	7.03E-05
809	624600.51	4265471.76	2.19E-03	7.51E-04	1.83E-03	5.63E-04	4.33E-04	1.44E-04	3.37E-04	6.93E-05
810	624590.61	4265471.62	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04	6.83E-05
811	624580.7	4265471.48	2.12E-03	7.28E-04	1.77E-03	5.45E-04	4.19E-04	1.39E-04	3.27E-04	6.72E-05
812	624570.79	4265471.34	2.08E-03	7.15E-04	1.74E-03	5.35E-04	4.12E-04	1.37E-04	3.21E-04	6.60E-05
813	624560.88	4265471.21	2.04E-03	7.01E-04	1.70E-03	5.25E-04	4.04E-04	1.34E-04	3.15E-04	6.47E-05
814	624550.97	4265471.07	2.00E-03	6.86E-04	1.67E-03	5.14E-04	3.95E-04	1.32E-04	3.08E-04	6.34E-05
815	624541.06	4265470.93	0.0019514	6.71E-04	1.63E-03	5.02E-04	3.86E-04	1.29E-04	3.01E-04	6.19E-05
816	624531.15	4265470.8	0.0019054	6.55E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
817	624521.24	4265470.66	0.0018587	6.39E-04	1.55E-03	4.79E-04	3.68E-04	1.22E-04	2.87E-04	5.90E-05
818	624511.34	4265470.52	0.0018111	6.23E-04	1.51E-03	4.66E-04	3.58E-04	1.19E-04	2.79E-04	5.75E-05
819	624501.43	4265470.38	0.0017627	6.06E-04	1.47E-03	4.54E-04	3.49E-04	1.16E-04	2.72E-04	5.59E-05
820	624491.52	4265470.25	0.001714	5.89E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04	5.44E-05
821	624481.61	4265470.11	0.0016654	5.73E-04	1.39E-03	4.29E-04	3.30E-04	1.10E-04	2.57E-04	5.29E-05

822	624471.7	4265469.97	0.0016174	5.56E-04	1.35E-03	4.16E-04	3.20E-04	1.07E-04	2.50E-04	5.13E-05
823	624461.79	4265469.83	0.0015705	5.40E-04	1.31E-03	4.04E-04	3.11E-04	1.03E-04	2.42E-04	4.98E-05
824	624451.88	4265469.7	0.0015249	5.24E-04	1.27E-03	3.93E-04	3.02E-04	1.00E-04	2.35E-04	4.84E-05
825	624441.97	4265469.56	0.0014806	5.09E-04	1.24E-03	3.81E-04	2.93E-04	9.76E-05	2.28E-04	4.70E-05
826	624432.06	4265469.42	0.0014376	4.94E-04	1.20E-03	3.70E-04	2.85E-04	9.47E-05	2.22E-04	4.56E-05
827	624422.16	4265469.28	0.0013961	4.80E-04	1.17E-03	3.59E-04	2.76E-04	9.20E-05	2.15E-04	4.43E-05
828	624412.25	4265469.15	0.0013561	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.93E-05	2.09E-04	4.30E-05
829	624402.34	4265469.01	0.0013174	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04	4.18E-05
830	624392.43	4265468.87	0.0012798	4.40E-04	1.07E-03	3.30E-04	2.53E-04	8.43E-05	1.97E-04	4.06E-05
831	624382.52	4265468.73	0.0012433	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.19E-05	1.92E-04	3.95E-05
832	624372.61	4265468.6	0.0012077	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.96E-05	1.86E-04	3.83E-05
833	624362.7	4265468.46	0.0011734	4.03E-04	9.81E-04	3.02E-04	2.32E-04	7.73E-05	1.81E-04	3.72E-05
834	624867.29	4265454.13	0.0020083	6.91E-04	1.68E-03	5.17E-04	3.98E-04	1.32E-04	3.10E-04	6.37E-05
835	624876.09	4265457.92	0.0020073	6.90E-04	1.68E-03	5.17E-04	3.97E-04	1.32E-04	3.10E-04	6.37E-05
836	624884.89	4265461.72	0.0020035	6.89E-04	1.67E-03	5.16E-04	3.97E-04	1.32E-04	3.09E-04	6.36E-05
837	624893.68	4265465.51	0.0019965	6.87E-04	1.67E-03	5.14E-04	3.95E-04	1.32E-04	3.08E-04	6.34E-05
838	624902.48	4265469.31	0.0019855	6.83E-04	1.66E-03	5.11E-04	3.93E-04	1.31E-04	3.06E-04	6.30E-05
839	624911.28	4265473.1	0.0019707	6.78E-04	1.65E-03	5.07E-04	3.90E-04	1.30E-04	3.04E-04	6.25E-05
840	624920.08	4265476.9	0.0019523	6.71E-04	1.63E-03	5.03E-04	3.86E-04	1.29E-04	3.01E-04	6.20E-05
841	624928.88	4265480.69	0.00193	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04	6.12E-05
842	624937.68	4265484.49	0.0019041	6.55E-04	1.59E-03	4.90E-04	3.77E-04	1.25E-04	2.94E-04	6.04E-05
843	624946.47	4265488.28	0.0018748	6.45E-04	1.57E-03	4.83E-04	3.71E-04	1.24E-04	2.89E-04	5.95E-05
844	624955.27	4265492.08	0.0018426	6.34E-04	1.54E-03	4.74E-04	3.65E-04	1.21E-04	2.84E-04	5.85E-05
845	624964.07	4265495.87	0.0018078	6.22E-04	1.51E-03	4.65E-04	3.58E-04	1.19E-04	2.79E-04	5.74E-05
846	624972.87	4265499.67	0.0017709	6.09E-04	1.48E-03	4.56E-04	3.51E-04	1.17E-04	2.73E-04	5.62E-05
847	624981.67	4265503.46	0.0017324	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04	5.50E-05
848	624990.47	4265507.26	0.0016929	5.82E-04	1.42E-03	4.36E-04	3.35E-04	1.12E-04	2.61E-04	5.37E-05
849	624999.27	4265511.05	0.0016526	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
850	625008.06	4265514.85	0.0016119	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04	5.12E-05
851	625020.39	4265527.55	0.0015701	5.40E-04	1.31E-03	4.04E-04	3.11E-04	1.03E-04	2.42E-04	4.98E-05
852	625023.92	4265536.46	0.0015678	5.39E-04	1.31E-03	4.04E-04	3.10E-04	1.03E-04	2.42E-04	4.98E-05
853	625027.44	4265545.37	0.0015644	5.38E-04	1.31E-03	4.03E-04	3.10E-04	1.03E-04	2.41E-04	4.96E-05
854	625030.97	4265554.28	0.0015596	5.36E-04	1.30E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04	4.95E-05
855	625034.5	4265563.19	0.0015536	5.34E-04	1.30E-03	4.00E-04	3.08E-04	1.02E-04	2.40E-04	4.93E-05
856	625038.02	4265572.1	0.0015463	5.32E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.39E-04	4.91E-05
857	625041.55	4265581.01	0.0015377	5.29E-04	1.29E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
858	625045.07	4265589.92	0.0015279	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
859	625048.6	4265598.83	0.0015166	5.22E-04	1.27E-03	3.90E-04	3.00E-04	9.99E-05	2.34E-04	4.81E-05
860	625052.13	4265607.74	0.0015041	5.17E-04	1.26E-03	3.87E-04	2.98E-04	9.91E-05	2.32E-04	4.77E-05
861	625055.65	4265616.65	0.0014904	5.13E-04	1.25E-03	3.84E-04	2.95E-04	9.82E-05	2.30E-04	4.73E-05
862	625059.18	4265625.56	0.0014754	5.07E-04	1.23E-03	3.80E-04	2.92E-04	9.72E-05	2.28E-04	4.68E-05
863	625062.71	4265634.47	0.0014591	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.61E-05	2.25E-04	4.63E-05
864	625066.23	4265643.38	0.0014419	4.96E-04	1.21E-03	3.71E-04	2.85E-04	9.50E-05	2.22E-04	4.58E-05
865	625069.76	4265652.29	0.0014235	4.89E-04	1.19E-03	3.66E-04	2.82E-04	9.38E-05	2.20E-04	4.52E-05
866	625073.29	4265661.19	0.0014042	4.83E-04	1.17E-03	3.62E-04	2.78E-04	9.25E-05	2.17E-04	4.46E-05
867	625076.81	4265670.1	0.0013842	4.76E-04	1.16E-03	3.56E-04	2.74E-04	9.12E-05	2.14E-04	4.39E-05
868	624858.49	4265450.33	0.002007	6.90E-04	1.68E-03	5.17E-04	3.97E-04	1.32E-04	3.10E-04	6.37E-05
869	624848.58	4265450.19	0.0020307	6.98E-04	1.70E-03	5.23E-04	4.02E-04	1.34E-04	3.13E-04	6.44E-05
870	624838.67	4265450.06	0.0020529	7.06E-04	1.72E-03	5.29E-04	4.06E-04	1.35E-04	3.17E-04	6.52E-05
871	624828.76	4265449.92	0.0020735	7.13E-04	1.73E-03	5.34E-04	4.10E-04	1.37E-04	3.20E-04	6.58E-05
872	624818.85	4265449.78	0.0020923	7.19E-04	1.75E-03	5.39E-04	4.14E-04	1.38E-04	3.23E-04	6.64E-05
873	624808.95	4265449.64	0.002109	7.25E-04	1.76E-03	5.43E-04	4.17E-04	1.39E-04	3.25E-04	6.69E-05
874	624799.04	4265449.51	0.0021235	7.30E-04	1.77E-03	5.47E-04	4.20E-04	1.40E-04	3.28E-04	6.74E-05
875	624789.13	4265449.37	0.0021355	7.34E-04	1.78E-03	5.50E-04	4.23E-04	1.41E-04	3.30E-04	6.78E-05
876	624779.22	4265449.23	0.002145	7.38E-04	1.79E-03	5.52E-04	4.25E-04	1.41E-04	3.31E-04	6.81E-05

877	624769.31	4265449.1	0.0021517	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04	6.83E-05
878	624759.4	4265448.96	0.0021556	7.41E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04	6.84E-05
879	624749.49	4265448.82	0.0021569	7.42E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04	6.85E-05
880	624739.58	4265448.68	0.0021555	7.41E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04	6.84E-05
881	624729.68	4265448.55	0.0021518	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04	6.83E-05
882	624719.77	4265448.41	0.0021462	7.38E-04	1.79E-03	5.53E-04	4.25E-04	1.41E-04	3.31E-04	6.81E-05
883	624709.86	4265448.27	0.0021393	7.36E-04	1.79E-03	5.51E-04	4.23E-04	1.41E-04	3.30E-04	6.79E-05
884	624699.95	4265448.13	0.002131	7.33E-04	1.78E-03	5.49E-04	4.22E-04	1.40E-04	3.29E-04	6.76E-05
885	624690.04	4265448	0.0021211	7.29E-04	1.77E-03	5.46E-04	4.20E-04	1.40E-04	3.27E-04	6.73E-05
886	624680.13	4265447.86	0.0021093	7.25E-04	1.76E-03	5.43E-04	4.18E-04	1.39E-04	3.25E-04	6.69E-05
887	624670.22	4265447.72	0.0020959	7.21E-04	1.75E-03	5.40E-04	4.15E-04	1.38E-04	3.23E-04	6.65E-05
888	624660.31	4265447.58	0.0020808	7.16E-04	1.74E-03	5.36E-04	4.12E-04	1.37E-04	3.21E-04	6.60E-05
889	624650.4	4265447.45	0.0020642	7.10E-04	1.73E-03	5.31E-04	4.09E-04	1.36E-04	3.19E-04	6.55E-05
890	624640.5	4265447.31	0.0020457	7.03E-04	1.71E-03	5.27E-04	4.05E-04	1.35E-04	3.16E-04	6.49E-05
891	624630.59	4265447.17	0.0020249	6.96E-04	1.69E-03	5.21E-04	4.01E-04	1.33E-04	3.12E-04	6.43E-05
892	624620.68	4265447.03	0.0020017	6.88E-04	1.67E-03	5.15E-04	3.96E-04	1.32E-04	3.09E-04	6.35E-05
893	624610.77	4265446.9	0.001976	6.80E-04	1.65E-03	5.09E-04	3.91E-04	1.30E-04	3.05E-04	6.27E-05
894	624600.86	4265446.76	0.001948	6.70E-04	1.63E-03	5.02E-04	3.86E-04	1.28E-04	3.01E-04	6.18E-05
895	624590.95	4265446.62	0.0019178	6.59E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
896	624581.04	4265446.48	0.0018859	6.49E-04	1.58E-03	4.86E-04	3.73E-04	1.24E-04	2.91E-04	5.99E-05
897	624571.13	4265446.35	0.0018522	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
898	624561.23	4265446.21	0.0018164	6.25E-04	1.52E-03	4.68E-04	3.60E-04	1.20E-04	2.80E-04	5.76E-05
899	624551.32	4265446.07	0.0017785	6.12E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.74E-04	5.64E-05
900	624541.41	4265445.93	0.0017391	5.98E-04	1.45E-03	4.48E-04	3.44E-04	1.15E-04	2.68E-04	5.52E-05
901	624531.5	4265445.8	0.001699	5.84E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.39E-05
902	624521.59	4265445.66	0.0016589	5.70E-04	1.39E-03	4.27E-04	3.28E-04	1.09E-04	2.56E-04	5.26E-05
903	624511.68	4265445.52	0.0016184	5.57E-04	1.35E-03	4.17E-04	3.20E-04	1.07E-04	2.50E-04	5.14E-05
904	624501.77	4265445.39	0.0015778	5.43E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.01E-05
905	624491.86	4265445.25	0.0015371	5.29E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
906	624481.96	4265445.11	0.0014969	5.15E-04	1.25E-03	3.85E-04	2.96E-04	9.86E-05	2.31E-04	4.75E-05
907	624472.05	4265444.97	0.0014573	5.01E-04	1.22E-03	3.75E-04	2.88E-04	9.60E-05	2.25E-04	4.62E-05
908	624462.14	4265444.84	0.0014189	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.35E-05	2.19E-04	4.50E-05
909	624452.23	4265444.7	0.0013818	4.75E-04	1.15E-03	3.56E-04	2.74E-04	9.10E-05	2.13E-04	4.39E-05
910	624442.32	4265444.56	0.0013457	4.63E-04	1.12E-03	3.46E-04	2.66E-04	8.87E-05	2.08E-04	4.27E-05
911	624432.41	4265444.42	0.0013106	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.64E-05	2.02E-04	4.16E-05
912	624422.5	4265444.29	0.0012765	4.39E-04	1.07E-03	3.29E-04	2.53E-04	8.41E-05	1.97E-04	4.05E-05
913	624412.59	4265444.15	0.0012432	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.19E-05	1.92E-04	3.95E-05
914	624402.68	4265444.01	0.0012108	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04	3.84E-05
915	624392.78	4265443.87	0.0011792	4.06E-04	9.86E-04	3.04E-04	2.33E-04	7.77E-05	1.82E-04	3.74E-05
916	624382.87	4265443.74	0.0011484	3.95E-04	9.60E-04	2.96E-04	2.27E-04	7.57E-05	1.77E-04	3.64E-05
917	624372.96	4265443.6	0.0011183	3.85E-04	9.35E-04	2.88E-04	2.21E-04	7.37E-05	1.73E-04	3.55E-05
918	624363.05	4265443.46	0.001089	3.74E-04	9.10E-04	2.80E-04	2.16E-04	7.18E-05	1.68E-04	3.46E-05
919	624867.63	4265429.13	0.0018562	6.38E-04	1.55E-03	4.78E-04	3.67E-04	1.22E-04	2.86E-04	5.89E-05
920	624876.43	4265432.92	0.0018574	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04	5.89E-05
921	624885.23	4265436.72	0.0018564	6.38E-04	1.55E-03	4.78E-04	3.67E-04	1.22E-04	2.86E-04	5.89E-05
922	624894.03	4265440.51	0.0018529	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
923	624902.83	4265444.31	0.0018463	6.35E-04	1.54E-03	4.75E-04	3.65E-04	1.22E-04	2.85E-04	5.86E-05
924	624911.63	4265448.1	0.0018367	6.32E-04	1.54E-03	4.73E-04	3.64E-04	1.21E-04	2.83E-04	5.83E-05
925	624920.43	4265451.9	0.0018241	6.27E-04	1.52E-03	4.70E-04	3.61E-04	1.20E-04	2.81E-04	5.79E-05
926	624929.22	4265455.69	0.0018083	6.22E-04	1.51E-03	4.66E-04	3.58E-04	1.19E-04	2.79E-04	5.74E-05
927	624938.02	4265459.49	0.0017894	6.15E-04	1.50E-03	4.61E-04	3.54E-04	1.18E-04	2.76E-04	5.68E-05
928	624946.82	4265463.28	0.0017673	6.08E-04	1.48E-03	4.55E-04	3.50E-04	1.16E-04	2.73E-04	5.61E-05
929	624955.62	4265467.08	0.0017424	5.99E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.53E-05
930	624964.42	4265470.87	0.0017148	5.90E-04	1.43E-03	4.42E-04	3.39E-04	1.13E-04	2.65E-04	5.44E-05
931	624973.22	4265474.67	0.001685	5.79E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04	5.35E-05

932	624982.02	4265478.46	0.0016532	5.68E-04	1.38E-03	4.26E-04	3.27E-04	1.09E-04	2.55E-04	5.25E-05
933	624990.81	4265482.26	0.0016199	5.57E-04	1.35E-03	4.17E-04	3.21E-04	1.07E-04	2.50E-04	5.14E-05
934	624999.61	4265486.05	0.0015855	5.45E-04	1.33E-03	4.08E-04	3.14E-04	1.04E-04	2.45E-04	5.03E-05
935	625008.41	4265489.85	0.0015502	5.33E-04	1.30E-03	3.99E-04	3.07E-04	1.02E-04	2.39E-04	4.92E-05
936	625017.21	4265493.64	0.0015144	5.21E-04	1.27E-03	3.90E-04	3.00E-04	9.98E-05	2.34E-04	4.81E-05
937	625026.01	4265497.44	0.0014784	5.08E-04	1.24E-03	3.81E-04	2.93E-04	9.74E-05	2.28E-04	4.69E-05
938	625038.33	4265510.14	0.001441	4.96E-04	1.20E-03	3.71E-04	2.85E-04	9.49E-05	2.22E-04	4.57E-05
939	625041.86	4265519.05	0.0014387	4.95E-04	1.20E-03	3.70E-04	2.85E-04	9.48E-05	2.22E-04	4.57E-05
940	625045.39	4265527.96	0.0014353	4.94E-04	1.20E-03	3.70E-04	2.84E-04	9.46E-05	2.21E-04	4.55E-05
941	625048.91	4265536.87	0.0014309	4.92E-04	1.20E-03	3.68E-04	2.83E-04	9.43E-05	2.21E-04	4.54E-05
942	625052.44	4265545.78	0.0014255	4.90E-04	1.19E-03	3.67E-04	2.82E-04	9.39E-05	2.20E-04	4.52E-05
943	625055.97	4265554.69	0.0014191	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.35E-05	2.19E-04	4.50E-05
944	625059.49	4265563.6	0.0014118	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.30E-05	2.18E-04	4.48E-05
945	625063.02	4265572.51	0.0014033	4.83E-04	1.17E-03	3.61E-04	2.78E-04	9.25E-05	2.17E-04	4.45E-05
946	625066.55	4265581.42	0.0013938	4.79E-04	1.17E-03	3.59E-04	2.76E-04	9.18E-05	2.15E-04	4.42E-05
947	625070.07	4265590.33	0.0013834	4.76E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04	4.39E-05
948	625073.6	4265599.24	0.0013719	4.72E-04	1.15E-03	3.53E-04	2.72E-04	9.04E-05	2.12E-04	4.35E-05
949	625077.12	4265608.15	0.0013594	4.67E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04	4.31E-05
950	625080.65	4265617.06	0.0013458	4.63E-04	1.12E-03	3.47E-04	2.66E-04	8.87E-05	2.08E-04	4.27E-05
951	625084.18	4265625.97	0.0013314	4.58E-04	1.11E-03	3.43E-04	2.64E-04	8.77E-05	2.05E-04	4.23E-05
952	625087.7	4265634.88	0.0013161	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.67E-05	2.03E-04	4.18E-05
953	625091.23	4265643.79	0.0012999	4.47E-04	1.09E-03	3.35E-04	2.57E-04	8.56E-05	2.01E-04	4.13E-05
954	625094.76	4265652.7	0.001283	4.41E-04	1.07E-03	3.30E-04	2.54E-04	8.45E-05	1.98E-04	4.07E-05
955	625098.28	4265661.61	0.0012654	4.35E-04	1.06E-03	3.26E-04	2.50E-04	8.34E-05	1.95E-04	4.02E-05
956	625101.81	4265670.52	0.0012473	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.92E-04	3.96E-05
957	624858.84	4265425.33	0.0018533	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
958	624848.93	4265425.2	0.0018726	6.44E-04	1.57E-03	4.82E-04	3.71E-04	1.23E-04	2.89E-04	5.94E-05
959	624839.02	4265425.06	0.0018905	6.50E-04	1.58E-03	4.87E-04	3.74E-04	1.25E-04	2.92E-04	6.00E-05
960	624829.11	4265424.92	0.001907	6.56E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
961	624819.2	4265424.78	0.0019219	6.61E-04	1.61E-03	4.95E-04	3.80E-04	1.27E-04	2.97E-04	6.10E-05
962	624809.29	4265424.65	0.0019352	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.99E-04	6.14E-05
963	624799.38	4265424.51	0.0019464	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.18E-05
964	624789.47	4265424.37	0.0019554	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.02E-04	6.21E-05
965	624779.57	4265424.23	0.0019622	6.75E-04	1.64E-03	5.05E-04	3.88E-04	1.29E-04	3.03E-04	6.23E-05
966	624769.66	4265424.1	0.0019664	6.76E-04	1.64E-03	5.06E-04	3.89E-04	1.30E-04	3.03E-04	6.24E-05
967	624759.75	4265423.96	0.001968	6.77E-04	1.64E-03	5.07E-04	3.90E-04	1.30E-04	3.04E-04	6.25E-05
968	624749.84	4265423.82	0.001967	6.76E-04	1.64E-03	5.06E-04	3.89E-04	1.30E-04	3.04E-04	6.24E-05
969	624739.93	4265423.69	0.0019634	6.75E-04	1.64E-03	5.05E-04	3.89E-04	1.29E-04	3.03E-04	6.23E-05
970	624730.02	4265423.55	0.0019573	6.73E-04	1.64E-03	5.04E-04	3.87E-04	1.29E-04	3.02E-04	6.21E-05
971	624720.11	4265423.41	0.0019495	6.70E-04	1.63E-03	5.02E-04	3.86E-04	1.28E-04	3.01E-04	6.19E-05
972	624710.2	4265423.27	0.0019405	6.67E-04	1.62E-03	5.00E-04	3.84E-04	1.28E-04	2.99E-04	6.16E-05
973	624700.3	4265423.14	0.0019304	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04	6.13E-05
974	624690.39	4265423	0.0019188	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
975	624680.48	4265422.86	0.0019056	6.55E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
976	624670.57	4265422.72	0.001891	6.50E-04	1.58E-03	4.87E-04	3.74E-04	1.25E-04	2.92E-04	6.00E-05
977	624660.66	4265422.59	0.0018751	6.45E-04	1.57E-03	4.83E-04	3.71E-04	1.24E-04	2.89E-04	5.95E-05
978	624650.75	4265422.45	0.0018579	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04	5.90E-05
979	624640.84	4265422.31	0.0018393	6.32E-04	1.54E-03	4.74E-04	3.64E-04	1.21E-04	2.84E-04	5.84E-05
980	624630.93	4265422.17	0.0018191	6.26E-04	1.52E-03	4.68E-04	3.60E-04	1.20E-04	2.81E-04	5.77E-05
981	624621.03	4265422.04	0.0017972	6.18E-04	1.50E-03	4.63E-04	3.56E-04	1.18E-04	2.77E-04	5.70E-05
982	624611.12	4265421.9	0.0017733	6.10E-04	1.48E-03	4.57E-04	3.51E-04	1.17E-04	2.74E-04	5.63E-05
983	624601.21	4265421.76	0.0017475	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
984	624591.3	4265421.62	0.0017201	5.91E-04	1.44E-03	4.43E-04	3.40E-04	1.13E-04	2.65E-04	5.46E-05
985	624581.39	4265421.49	0.0016913	5.82E-04	1.41E-03	4.35E-04	3.35E-04	1.11E-04	2.61E-04	5.37E-05
986	624571.48	4265421.35	0.0016611	5.71E-04	1.39E-03	4.28E-04	3.29E-04	1.09E-04	2.56E-04	5.27E-05

987	624561.57	4265421.21	0.0016295	5.60E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.51E-04	5.17E-05
988	624551.66	4265421.07	0.0015962	5.49E-04	1.33E-03	4.11E-04	3.16E-04	1.05E-04	2.46E-04	5.07E-05
989	624541.75	4265420.94	0.0015621	5.37E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04	4.96E-05
990	624531.85	4265420.8	0.0015276	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
991	624521.94	4265420.66	0.0014933	5.14E-04	1.25E-03	3.84E-04	2.96E-04	9.84E-05	2.30E-04	4.74E-05
992	624512.03	4265420.53	0.0014591	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.61E-05	2.25E-04	4.63E-05
993	624502.12	4265420.39	0.0014249	4.90E-04	1.19E-03	3.67E-04	2.82E-04	9.39E-05	2.20E-04	4.52E-05
994	624492.21	4265420.25	0.001391	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.15E-04	4.41E-05
995	624482.3	4265420.11	0.0013575	4.67E-04	1.13E-03	3.50E-04	2.69E-04	8.94E-05	2.09E-04	4.31E-05
996	624472.39	4265419.98	0.0013248	4.56E-04	1.11E-03	3.41E-04	2.62E-04	8.73E-05	2.04E-04	4.20E-05
997	624462.48	4265419.84	0.001293	4.45E-04	1.08E-03	3.33E-04	2.56E-04	8.52E-05	2.00E-04	4.10E-05
998	624452.58	4265419.7	0.0012623	4.34E-04	1.06E-03	3.25E-04	2.50E-04	8.32E-05	1.95E-04	4.01E-05
999	624442.67	4265419.56	0.0012324	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1000	624432.76	4265419.43	0.0012033	4.14E-04	1.01E-03	3.10E-04	2.38E-04	7.93E-05	1.86E-04	3.82E-05
1001	624422.85	4265419.29	0.0011747	4.04E-04	9.82E-04	3.02E-04	2.33E-04	7.74E-05	1.81E-04	3.73E-05
1002	624412.94	4265419.15	0.0011467	3.94E-04	9.58E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04	3.64E-05
1003	624403.03	4265419.01	0.0011192	3.85E-04	9.35E-04	2.88E-04	2.22E-04	7.37E-05	1.73E-04	3.55E-05
1004	624393.12	4265418.88	0.0010922	3.76E-04	9.13E-04	2.81E-04	2.16E-04	7.20E-05	1.69E-04	3.47E-05
1005	624383.21	4265418.74	0.0010658	3.66E-04	8.91E-04	2.74E-04	2.11E-04	7.02E-05	1.64E-04	3.38E-05
1006	624373.31	4265418.6	0.0010399	3.58E-04	8.69E-04	2.68E-04	2.06E-04	6.85E-05	1.60E-04	3.30E-05
1007	624363.4	4265418.46	0.0010147	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
1008	624867.98	4265404.13	0.0017213	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04	5.46E-05
1009	624876.78	4265407.93	0.001724	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
1010	624885.58	4265411.72	0.001725	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
1011	624894.38	4265415.52	0.0017241	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
1012	624903.18	4265419.31	0.0017206	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.65E-04	5.46E-05
1013	624911.97	4265423.11	0.0017149	5.90E-04	1.43E-03	4.42E-04	3.39E-04	1.13E-04	2.65E-04	5.44E-05
1014	624920.77	4265426.9	0.0017065	5.87E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04	5.42E-05
1015	624929.57	4265430.7	0.0016956	5.83E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.38E-05
1016	624938.37	4265434.49	0.001682	5.78E-04	1.41E-03	4.33E-04	3.33E-04	1.11E-04	2.60E-04	5.34E-05
1017	624947.17	4265438.29	0.0016657	5.73E-04	1.39E-03	4.29E-04	3.30E-04	1.10E-04	2.57E-04	5.29E-05
1018	624955.97	4265442.08	0.0016467	5.66E-04	1.38E-03	4.24E-04	3.26E-04	1.08E-04	2.54E-04	5.23E-05
1019	624964.77	4265445.88	0.0016253	5.59E-04	1.36E-03	4.18E-04	3.22E-04	1.07E-04	2.51E-04	5.16E-05
1020	624973.56	4265449.67	0.0016015	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.06E-04	2.47E-04	5.08E-05
1021	624982.36	4265453.47	0.0015757	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
1022	624991.16	4265457.26	0.001548	5.32E-04	1.29E-03	3.99E-04	3.06E-04	1.02E-04	2.39E-04	4.91E-05
1023	624999.96	4265461.06	0.001519	5.22E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.34E-04	4.82E-05
1024	625008.76	4265464.85	0.0014888	5.12E-04	1.24E-03	3.83E-04	2.95E-04	9.81E-05	2.30E-04	4.72E-05
1025	625017.56	4265468.65	0.0014577	5.01E-04	1.22E-03	3.75E-04	2.89E-04	9.60E-05	2.25E-04	4.63E-05
1026	625026.36	4265472.44	0.0014261	4.90E-04	1.19E-03	3.67E-04	2.82E-04	9.40E-05	2.20E-04	4.53E-05
1027	625035.15	4265476.24	0.0013942	4.79E-04	1.17E-03	3.59E-04	2.76E-04	9.19E-05	2.15E-04	4.42E-05
1028	625043.95	4265480.03	0.0013621	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04	4.32E-05
1029	625056.28	4265492.74	0.0013284	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04	4.22E-05
1030	625059.8	4265501.65	0.0013261	4.56E-04	1.11E-03	3.41E-04	2.62E-04	8.74E-05	2.05E-04	4.21E-05
1031	625063.33	4265510.56	0.0013228	4.55E-04	1.11E-03	3.41E-04	2.62E-04	8.72E-05	2.04E-04	4.20E-05
1032	625066.86	4265519.46	0.0013188	4.53E-04	1.10E-03	3.40E-04	2.61E-04	8.69E-05	2.03E-04	4.19E-05
1033	625070.38	4265528.37	0.0013139	4.52E-04	1.10E-03	3.38E-04	2.60E-04	8.66E-05	2.03E-04	4.17E-05
1034	625073.91	4265537.28	0.0013082	4.50E-04	1.09E-03	3.37E-04	2.59E-04	8.62E-05	2.02E-04	4.15E-05
1035	625077.44	4265546.19	0.0013017	4.48E-04	1.09E-03	3.35E-04	2.58E-04	8.58E-05	2.01E-04	4.13E-05
1036	625080.96	4265555.1	0.0012944	4.45E-04	1.08E-03	3.33E-04	2.56E-04	8.53E-05	2.00E-04	4.11E-05
1037	625084.49	4265564.01	0.0012863	4.42E-04	1.08E-03	3.31E-04	2.55E-04	8.48E-05	1.98E-04	4.08E-05
1038	625088.02	4265572.92	0.0012774	4.39E-04	1.07E-03	3.29E-04	2.53E-04	8.42E-05	1.97E-04	4.05E-05
1039	625091.54	4265581.83	0.0012677	4.36E-04	1.06E-03	3.26E-04	2.51E-04	8.35E-05	1.96E-04	4.02E-05
1040	625095.07	4265590.74	0.0012571	4.32E-04	1.05E-03	3.24E-04	2.49E-04	8.28E-05	1.94E-04	3.99E-05
1041	625098.59	4265599.65	0.0012458	4.28E-04	1.04E-03	3.21E-04	2.47E-04	8.21E-05	1.92E-04	3.95E-05

1042	625102.12	4265608.56	0.0012337	4.24E-04	1.03E-03	3.18E-04	2.44E-04	8.13E-05	1.90E-04	3.92E-05
1043	625105.65	4265617.47	0.0012208	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
1044	625109.17	4265626.38	0.0012073	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04	3.83E-05
1045	625112.7	4265635.29	0.001193	4.10E-04	9.97E-04	3.07E-04	2.36E-04	7.86E-05	1.84E-04	3.79E-05
1046	625116.23	4265644.2	0.0011782	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
1047	625119.75	4265653.11	0.0011628	4.00E-04	9.72E-04	2.99E-04	2.30E-04	7.66E-05	1.79E-04	3.69E-05
1048	625123.28	4265662.02	0.0011468	3.94E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04	3.64E-05
1049	625126.81	4265670.93	0.0011305	3.89E-04	9.45E-04	2.91E-04	2.24E-04	7.45E-05	1.74E-04	3.59E-05
1050	624859.18	4265400.34	0.0017174	5.91E-04	1.44E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04	5.45E-05
1051	624849.27	4265400.2	0.0017329	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04	5.50E-05
1052	624839.37	4265400.06	0.0017473	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
1053	624829.46	4265399.92	0.0017605	6.05E-04	1.47E-03	4.53E-04	3.48E-04	1.16E-04	2.72E-04	5.59E-05
1054	624819.55	4265399.79	0.0017723	6.09E-04	1.48E-03	4.56E-04	3.51E-04	1.17E-04	2.73E-04	5.62E-05
1055	624809.64	4265399.65	0.0017825	6.13E-04	1.49E-03	4.59E-04	3.53E-04	1.17E-04	2.75E-04	5.66E-05
1056	624799.73	4265399.51	0.001791	6.16E-04	1.50E-03	4.61E-04	3.55E-04	1.18E-04	2.76E-04	5.68E-05
1057	624789.82	4265399.37	0.0017976	6.18E-04	1.50E-03	4.63E-04	3.56E-04	1.18E-04	2.77E-04	5.70E-05
1058	624779.91	4265399.24	0.001802	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.72E-05
1059	624770	4265399.1	0.0018041	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.73E-05
1060	624760.09	4265398.96	0.0018038	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.72E-05
1061	624750.19	4265398.83	0.0018011	6.19E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.72E-05
1062	624740.28	4265398.69	0.0017959	6.18E-04	1.50E-03	4.62E-04	3.55E-04	1.18E-04	2.77E-04	5.70E-05
1063	624730.37	4265398.55	0.0017883	6.15E-04	1.49E-03	4.60E-04	3.54E-04	1.18E-04	2.76E-04	5.68E-05
1064	624720.46	4265398.41	0.0017791	6.12E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.75E-04	5.65E-05
1065	624710.55	4265398.28	0.0017685	6.08E-04	1.48E-03	4.55E-04	3.50E-04	1.17E-04	2.73E-04	5.61E-05
1066	624700.64	4265398.14	0.001757	6.04E-04	1.47E-03	4.52E-04	3.48E-04	1.16E-04	2.71E-04	5.58E-05
1067	624690.73	4265398	0.0017442	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.54E-05
1068	624680.82	4265397.86	0.0017301	5.95E-04	1.45E-03	4.45E-04	3.42E-04	1.14E-04	2.67E-04	5.49E-05
1069	624670.92	4265397.73	0.0017149	5.90E-04	1.43E-03	4.42E-04	3.39E-04	1.13E-04	2.65E-04	5.44E-05
1070	624661.01	4265397.59	0.0016985	5.84E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.39E-05
1071	624651.1	4265397.45	0.0016812	5.78E-04	1.41E-03	4.33E-04	3.33E-04	1.11E-04	2.59E-04	5.34E-05
1072	624641.19	4265397.31	0.0016628	5.72E-04	1.39E-03	4.28E-04	3.29E-04	1.10E-04	2.57E-04	5.28E-05
1073	624631.28	4265397.18	0.0016433	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.54E-04	5.22E-05
1074	624621.37	4265397.04	0.0016224	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04	5.15E-05
1075	624611.46	4265396.9	0.0016002	5.50E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04	5.08E-05
1076	624601.55	4265396.76	0.0015766	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
1077	624591.65	4265396.63	0.0015519	5.34E-04	1.30E-03	4.00E-04	3.07E-04	1.02E-04	2.39E-04	4.92E-05
1078	624581.74	4265396.49	0.0015259	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.35E-04	4.84E-05
1079	624571.83	4265396.35	0.0014991	5.15E-04	1.25E-03	3.86E-04	2.97E-04	9.88E-05	2.31E-04	4.76E-05
1080	624561.92	4265396.21	0.0014713	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.69E-05	2.27E-04	4.67E-05
1081	624552.01	4265396.08	0.0014424	4.96E-04	1.21E-03	3.71E-04	2.86E-04	9.50E-05	2.23E-04	4.58E-05
1082	624542.1	4265395.94	0.001413	4.86E-04	1.18E-03	3.64E-04	2.80E-04	9.31E-05	2.18E-04	4.48E-05
1083	624532.19	4265395.8	0.0013834	4.76E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04	4.39E-05
1084	624522.28	4265395.66	0.0013543	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.92E-05	2.09E-04	4.30E-05
1085	624512.37	4265395.53	0.0013254	4.56E-04	1.11E-03	3.41E-04	2.62E-04	8.73E-05	2.05E-04	4.21E-05
1086	624502.47	4265395.39	0.0012966	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.54E-05	2.00E-04	4.11E-05
1087	624492.56	4265395.25	0.0012682	4.36E-04	1.06E-03	3.27E-04	2.51E-04	8.36E-05	1.96E-04	4.02E-05
1088	624482.65	4265395.12	0.0012404	4.27E-04	1.04E-03	3.19E-04	2.46E-04	8.17E-05	1.91E-04	3.94E-05
1089	624472.74	4265394.98	0.0012131	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05
1090	624462.83	4265394.84	0.0011866	4.08E-04	9.92E-04	3.06E-04	2.35E-04	7.82E-05	1.83E-04	3.77E-05
1091	624452.92	4265394.7	0.0011608	3.99E-04	9.70E-04	2.99E-04	2.30E-04	7.65E-05	1.79E-04	3.68E-05
1092	624443.01	4265394.57	0.0011357	3.91E-04	9.49E-04	2.92E-04	2.25E-04	7.48E-05	1.75E-04	3.60E-05
1093	624433.1	4265394.43	0.0011111	3.82E-04	9.29E-04	2.86E-04	2.20E-04	7.32E-05	1.71E-04	3.53E-05
1094	624423.2	4265394.29	0.0010869	3.74E-04	9.08E-04	2.80E-04	2.15E-04	7.16E-05	1.68E-04	3.45E-05
1095	624413.29	4265394.15	0.001063	3.66E-04	8.89E-04	2.74E-04	2.10E-04	7.00E-05	1.64E-04	3.37E-05
1096	624403.38	4265394.02	0.0010394	3.57E-04	8.69E-04	2.68E-04	2.06E-04	6.85E-05	1.60E-04	3.30E-05

1097	624393.47	4265393.88	0.0010161	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
1098	624383.56	4265393.74	0.00099324	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04	3.15E-05
1099	624373.65	4265393.6	0.00097076	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
1100	624363.74	4265393.47	0.00094884	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
1101	624868.33	4265379.13	0.0016009	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04	5.08E-05
1102	624877.13	4265382.93	0.0016047	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04	5.09E-05
1103	624885.93	4265386.72	0.0016071	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
1104	624894.72	4265390.52	0.001608	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
1105	624903.52	4265394.31	0.0016068	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
1106	624912.32	4265398.11	0.0016038	5.51E-04	1.34E-03	4.13E-04	3.17E-04	1.06E-04	2.47E-04	5.09E-05
1107	624921.12	4265401.9	0.0015987	5.50E-04	1.34E-03	4.12E-04	3.16E-04	1.05E-04	2.47E-04	5.07E-05
1108	624929.92	4265405.7	0.0015915	5.47E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04	5.05E-05
1109	624938.72	4265409.49	0.001582	5.44E-04	1.32E-03	4.07E-04	3.13E-04	1.04E-04	2.44E-04	5.02E-05
1110	624947.51	4265413.29	0.0015702	5.40E-04	1.31E-03	4.04E-04	3.11E-04	1.03E-04	2.42E-04	4.98E-05
1111	624956.31	4265417.08	0.0015561	5.35E-04	1.30E-03	4.01E-04	3.08E-04	1.03E-04	2.40E-04	4.94E-05
1112	624965.11	4265420.88	0.0015397	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.38E-04	4.89E-05
1113	624973.91	4265424.67	0.001521	5.23E-04	1.27E-03	3.92E-04	3.01E-04	1.00E-04	2.35E-04	4.83E-05
1114	624982.71	4265428.47	0.0015003	5.16E-04	1.25E-03	3.86E-04	2.97E-04	9.89E-05	2.32E-04	4.76E-05
1115	624991.51	4265432.26	0.0014778	5.08E-04	1.24E-03	3.80E-04	2.93E-04	9.74E-05	2.28E-04	4.69E-05
1116	625000.31	4265436.06	0.0014536	5.00E-04	1.21E-03	3.74E-04	2.88E-04	9.58E-05	2.24E-04	4.61E-05
1117	625009.1	4265439.85	0.0014281	4.91E-04	1.19E-03	3.68E-04	2.83E-04	9.41E-05	2.20E-04	4.53E-05
1118	625017.9	4265443.65	0.0014014	4.82E-04	1.17E-03	3.61E-04	2.77E-04	9.23E-05	2.16E-04	4.45E-05
1119	625026.7	4265447.44	0.0013739	4.72E-04	1.15E-03	3.54E-04	2.72E-04	9.05E-05	2.12E-04	4.36E-05
1120	625035.5	4265451.24	0.0013458	4.63E-04	1.12E-03	3.47E-04	2.66E-04	8.87E-05	2.08E-04	4.27E-05
1121	625044.3	4265455.03	0.0013173	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04	4.18E-05
1122	625053.1	4265458.83	0.0012886	4.43E-04	1.08E-03	3.32E-04	2.55E-04	8.49E-05	1.99E-04	4.09E-05
1123	625061.9	4265462.62	0.0012599	4.33E-04	1.05E-03	3.24E-04	2.49E-04	8.30E-05	1.94E-04	4.00E-05
1124	625074.22	4265475.33	0.0012295	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05
1125	625077.75	4265484.24	0.0012271	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
1126	625081.27	4265493.15	0.001224	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.06E-05	1.89E-04	3.88E-05
1127	625084.8	4265502.06	0.0012203	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
1128	625088.33	4265510.97	0.0012158	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04	3.86E-05
1129	625091.85	4265519.88	0.0012108	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04	3.84E-05
1130	625095.38	4265528.79	0.001205	4.14E-04	1.01E-03	3.10E-04	2.39E-04	7.94E-05	1.86E-04	3.82E-05
1131	625098.91	4265537.7	0.0011986	4.12E-04	1.00E-03	3.09E-04	2.37E-04	7.90E-05	1.85E-04	3.80E-05
1132	625102.43	4265546.61	0.0011916	4.10E-04	9.96E-04	3.07E-04	2.36E-04	7.85E-05	1.84E-04	3.78E-05
1133	625105.96	4265555.51	0.001184	4.07E-04	9.90E-04	3.05E-04	2.34E-04	7.80E-05	1.83E-04	3.76E-05
1134	625109.49	4265564.42	0.0011758	4.04E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.81E-04	3.73E-05
1135	625113.01	4265573.33	0.0011669	4.01E-04	9.75E-04	3.00E-04	2.31E-04	7.69E-05	1.80E-04	3.70E-05
1136	625116.54	4265582.24	0.0011572	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.79E-04	3.67E-05
1137	625120.06	4265591.15	0.0011468	3.94E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04	3.64E-05
1138	625123.59	4265600.06	0.0011359	3.91E-04	9.49E-04	2.92E-04	2.25E-04	7.48E-05	1.75E-04	3.60E-05
1139	625127.12	4265608.97	0.0011245	3.87E-04	9.40E-04	2.90E-04	2.23E-04	7.41E-05	1.74E-04	3.57E-05
1140	625130.64	4265617.88	0.0011125	3.83E-04	9.30E-04	2.86E-04	2.20E-04	7.33E-05	1.72E-04	3.53E-05
1141	625134.17	4265626.79	0.0010999	3.78E-04	9.19E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
1142	625137.7	4265635.7	0.001087	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.16E-05	1.68E-04	3.45E-05
1143	625141.22	4265644.61	0.0010736	3.69E-04	8.97E-04	2.76E-04	2.13E-04	7.07E-05	1.66E-04	3.41E-05
1144	625144.75	4265653.52	0.0010598	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04	3.36E-05
1145	625148.28	4265662.43	0.0010456	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04	3.32E-05
1146	625151.8	4265671.34	0.0010311	3.55E-04	8.62E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04	3.27E-05
1147	624859.53	4265375.34	0.001596	5.49E-04	1.33E-03	4.11E-04	3.16E-04	1.05E-04	2.46E-04	5.07E-05
1148	624849.62	4265375.2	0.0016086	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
1149	624839.71	4265375.06	0.0016201	5.57E-04	1.35E-03	4.17E-04	3.21E-04	1.07E-04	2.50E-04	5.14E-05
1150	624829.8	4265374.93	0.0016305	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.52E-04	5.17E-05
1151	624819.89	4265374.79	0.0016396	5.64E-04	1.37E-03	4.22E-04	3.25E-04	1.08E-04	2.53E-04	5.20E-05

1152	624809.99	4265374.65	0.0016473	5.66E-04	1.38E-03	4.24E-04	3.26E-04	1.09E-04	2.54E-04	5.23E-05
1153	624800.08	4265374.51	0.0016535	5.69E-04	1.38E-03	4.26E-04	3.27E-04	1.09E-04	2.55E-04	5.25E-05
1154	624790.17	4265374.38	0.001658	5.70E-04	1.39E-03	4.27E-04	3.28E-04	1.09E-04	2.56E-04	5.26E-05
1155	624780.26	4265374.24	0.0016605	5.71E-04	1.39E-03	4.28E-04	3.29E-04	1.09E-04	2.56E-04	5.27E-05
1156	624770.35	4265374.1	0.0016609	5.71E-04	1.39E-03	4.28E-04	3.29E-04	1.09E-04	2.56E-04	5.27E-05
1157	624760.44	4265373.96	0.0016591	5.71E-04	1.39E-03	4.27E-04	3.28E-04	1.09E-04	2.56E-04	5.27E-05
1158	624750.53	4265373.83	0.0016551	5.69E-04	1.38E-03	4.26E-04	3.28E-04	1.09E-04	2.55E-04	5.25E-05
1159	624740.62	4265373.69	0.0016488	5.67E-04	1.38E-03	4.25E-04	3.26E-04	1.09E-04	2.54E-04	5.23E-05
1160	624730.72	4265373.55	0.0016402	5.64E-04	1.37E-03	4.22E-04	3.25E-04	1.08E-04	2.53E-04	5.21E-05
1161	624720.81	4265373.42	0.00163	5.60E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.52E-04	5.17E-05
1162	624710.9	4265373.28	0.0016184	5.57E-04	1.35E-03	4.17E-04	3.20E-04	1.07E-04	2.50E-04	5.14E-05
1163	624700.99	4265373.14	0.001606	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
1164	624691.08	4265373	0.0015924	5.48E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04	5.05E-05
1165	624681.17	4265372.87	0.0015779	5.43E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.01E-05
1166	624671.26	4265372.73	0.0015623	5.37E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04	4.96E-05
1167	624661.35	4265372.59	0.0015458	5.32E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.39E-04	4.91E-05
1168	624651.44	4265372.45	0.0015286	5.26E-04	1.28E-03	3.94E-04	3.03E-04	1.01E-04	2.36E-04	4.85E-05
1169	624641.54	4265372.32	0.0015106	5.19E-04	1.26E-03	3.89E-04	2.99E-04	9.95E-05	2.33E-04	4.79E-05
1170	624631.63	4265372.18	0.0014918	5.13E-04	1.25E-03	3.84E-04	2.95E-04	9.83E-05	2.30E-04	4.73E-05
1171	624621.72	4265372.04	0.0014721	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.70E-05	2.27E-04	4.67E-05
1172	624611.81	4265371.9	0.0014514	4.99E-04	1.21E-03	3.74E-04	2.87E-04	9.56E-05	2.24E-04	4.61E-05
1173	624601.9	4265371.77	0.00143	4.92E-04	1.20E-03	3.68E-04	2.83E-04	9.42E-05	2.21E-04	4.54E-05
1174	624591.99	4265371.63	0.0014076	4.84E-04	1.18E-03	3.62E-04	2.79E-04	9.27E-05	2.17E-04	4.47E-05
1175	624582.08	4265371.49	0.0013845	4.76E-04	1.16E-03	3.56E-04	2.74E-04	9.12E-05	2.14E-04	4.39E-05
1176	624572.17	4265371.35	0.0013607	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.97E-05	2.10E-04	4.32E-05
1177	624562.27	4265371.22	0.0013365	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04	4.24E-05
1178	624552.36	4265371.08	0.0013114	4.51E-04	1.10E-03	3.38E-04	2.60E-04	8.64E-05	2.02E-04	4.16E-05
1179	624542.45	4265370.94	0.0012861	4.42E-04	1.07E-03	3.31E-04	2.55E-04	8.47E-05	1.98E-04	4.08E-05
1180	624532.54	4265370.8	0.0012608	4.34E-04	1.05E-03	3.25E-04	2.50E-04	8.31E-05	1.95E-04	4.00E-05
1181	624522.63	4265370.67	0.0012362	4.25E-04	1.03E-03	3.18E-04	2.45E-04	8.14E-05	1.91E-04	3.92E-05
1182	624512.72	4265370.53	0.0012117	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04	3.85E-05
1183	624502.81	4265370.39	0.0011875	4.08E-04	9.93E-04	3.06E-04	2.35E-04	7.82E-05	1.83E-04	3.77E-05
1184	624492.9	4265370.26	0.0011637	4.00E-04	9.73E-04	3.00E-04	2.30E-04	7.67E-05	1.80E-04	3.69E-05
1185	624483	4265370.12	0.0011404	3.92E-04	9.53E-04	2.94E-04	2.26E-04	7.51E-05	1.76E-04	3.62E-05
1186	624473.09	4265369.98	0.0011175	3.84E-04	9.34E-04	2.88E-04	2.21E-04	7.36E-05	1.72E-04	3.55E-05
1187	624463.18	4265369.84	0.0010952	3.77E-04	9.15E-04	2.82E-04	2.17E-04	7.22E-05	1.69E-04	3.48E-05
1188	624453.27	4265369.71	0.0010734	3.69E-04	8.97E-04	2.76E-04	2.12E-04	7.07E-05	1.66E-04	3.41E-05
1189	624443.36	4265369.57	0.001052	3.62E-04	8.79E-04	2.71E-04	2.08E-04	6.93E-05	1.62E-04	3.34E-05
1190	624433.45	4265369.43	0.001031	3.55E-04	8.62E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04	3.27E-05
1191	624423.54	4265369.29	0.0010102	3.47E-04	8.44E-04	2.60E-04	2.00E-04	6.66E-05	1.56E-04	3.21E-05
1192	624413.63	4265369.16	0.00098959	3.40E-04	8.27E-04	2.55E-04	1.96E-04	6.52E-05	1.53E-04	3.14E-05
1193	624403.72	4265369.02	0.00096918	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
1194	624393.82	4265368.88	0.00094898	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
1195	624383.91	4265368.74	0.00092898	3.19E-04	7.76E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
1196	624374	4265368.61	0.00090934	3.13E-04	7.60E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04	2.89E-05
1197	624364.09	4265368.47	0.00089009	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
1198	624869.02	4265329.14	0.0013949	4.80E-04	1.17E-03	3.59E-04	2.76E-04	9.19E-05	2.15E-04	4.43E-05
1199	624877.82	4265332.93	0.0014002	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.23E-05	2.16E-04	4.44E-05
1200	624886.62	4265336.73	0.0014045	4.83E-04	1.17E-03	3.62E-04	2.78E-04	9.25E-05	2.17E-04	4.46E-05
1201	624895.42	4265340.52	0.0014077	4.84E-04	1.18E-03	3.62E-04	2.79E-04	9.27E-05	2.17E-04	4.47E-05
1202	624904.22	4265344.32	0.0014094	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.17E-04	4.47E-05
1203	624913.01	4265348.11	0.00141	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04	4.47E-05
1204	624921.81	4265351.91	0.0014092	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.28E-05	2.17E-04	4.47E-05
1205	624930.61	4265355.7	0.001407	4.84E-04	1.18E-03	3.62E-04	2.78E-04	9.27E-05	2.17E-04	4.47E-05
1206	624939.41	4265359.5	0.0014031	4.83E-04	1.17E-03	3.61E-04	2.78E-04	9.24E-05	2.17E-04	4.45E-05

1207	624948.21	4265363.29	0.0013976	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.21E-05	2.16E-04	4.44E-05
1208	624957.01	4265367.09	0.0013904	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.15E-04	4.41E-05
1209	624965.81	4265370.88	0.0013813	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04	4.38E-05
1210	624974.6	4265374.68	0.0013705	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.11E-04	4.35E-05
1211	624983.4	4265378.47	0.0013579	4.67E-04	1.13E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04	4.31E-05
1212	624992.2	4265382.27	0.0013436	4.62E-04	1.12E-03	3.46E-04	2.66E-04	8.85E-05	2.07E-04	4.26E-05
1213	625001	4265386.06	0.0013277	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04	4.21E-05
1214	625009.8	4265389.86	0.0013101	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.63E-05	2.02E-04	4.16E-05
1215	625018.6	4265393.65	0.0012913	4.44E-04	1.08E-03	3.32E-04	2.56E-04	8.51E-05	1.99E-04	4.10E-05
1216	625027.39	4265397.45	0.0012713	4.37E-04	1.06E-03	3.27E-04	2.52E-04	8.38E-05	1.96E-04	4.03E-05
1217	625036.19	4265401.24	0.0012502	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.24E-05	1.93E-04	3.97E-05
1218	625044.99	4265405.04	0.0012283	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.09E-05	1.90E-04	3.90E-05
1219	625053.79	4265408.83	0.0012058	4.15E-04	1.01E-03	3.10E-04	2.39E-04	7.94E-05	1.86E-04	3.83E-05
1220	625062.59	4265412.63	0.0011828	4.07E-04	9.89E-04	3.05E-04	2.34E-04	7.79E-05	1.83E-04	3.75E-05
1221	625071.39	4265416.42	0.0011596	3.99E-04	9.69E-04	2.99E-04	2.30E-04	7.64E-05	1.79E-04	3.68E-05
1222	625080.19	4265420.22	0.0011363	3.91E-04	9.50E-04	2.93E-04	2.25E-04	7.49E-05	1.75E-04	3.61E-05
1223	625088.98	4265424.01	0.0011131	3.83E-04	9.30E-04	2.87E-04	2.20E-04	7.33E-05	1.72E-04	3.53E-05
1224	625097.78	4265427.81	0.0010899	3.75E-04	9.11E-04	2.81E-04	2.16E-04	7.18E-05	1.68E-04	3.46E-05
1225	625110.11	4265440.51	0.0010649	3.66E-04	8.90E-04	2.74E-04	2.11E-04	7.02E-05	1.64E-04	3.38E-05
1226	625113.63	4265449.42	0.0010625	3.65E-04	8.88E-04	2.74E-04	2.10E-04	7.00E-05	1.64E-04	3.37E-05
1227	625117.16	4265458.33	0.0010596	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04	3.36E-05
1228	625120.69	4265467.24	0.0010563	3.63E-04	8.83E-04	2.72E-04	2.09E-04	6.96E-05	1.63E-04	3.35E-05
1229	625124.21	4265476.15	0.0010527	3.62E-04	8.80E-04	2.71E-04	2.08E-04	6.94E-05	1.62E-04	3.34E-05
1230	625127.74	4265485.06	0.0010486	3.61E-04	8.76E-04	2.70E-04	2.08E-04	6.91E-05	1.62E-04	3.33E-05
1231	625131.27	4265493.97	0.0010442	3.59E-04	8.73E-04	2.69E-04	2.07E-04	6.88E-05	1.61E-04	3.31E-05
1232	625134.79	4265502.88	0.0010393	3.57E-04	8.69E-04	2.68E-04	2.06E-04	6.85E-05	1.60E-04	3.30E-05
1233	625138.32	4265511.79	0.0010338	3.56E-04	8.64E-04	2.66E-04	2.05E-04	6.81E-05	1.60E-04	3.28E-05
1234	625141.85	4265520.7	0.001028	3.54E-04	8.59E-04	2.65E-04	2.03E-04	6.77E-05	1.59E-04	3.26E-05
1235	625145.37	4265529.61	0.0010218	3.51E-04	8.54E-04	2.63E-04	2.02E-04	6.73E-05	1.58E-04	3.24E-05
1236	625148.9	4265538.52	0.0010151	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
1237	625152.43	4265547.43	0.001008	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04	3.20E-05
1238	625155.95	4265556.34	0.0010005	3.44E-04	8.36E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04	3.18E-05
1239	625159.48	4265565.25	0.00099263	3.41E-04	8.30E-04	2.56E-04	1.96E-04	6.54E-05	1.53E-04	3.15E-05
1240	625163.01	4265574.16	0.00098437	3.39E-04	8.23E-04	2.53E-04	1.95E-04	6.49E-05	1.52E-04	3.12E-05
1241	625166.53	4265583.07	0.00097573	3.36E-04	8.16E-04	2.51E-04	1.93E-04	6.43E-05	1.51E-04	3.10E-05
1242	625170.06	4265591.98	0.00096666	3.32E-04	8.08E-04	2.49E-04	1.91E-04	6.37E-05	1.49E-04	3.07E-05
1243	625173.58	4265600.89	0.00095727	3.29E-04	8.00E-04	2.46E-04	1.89E-04	6.31E-05	1.48E-04	3.04E-05
1244	625177.11	4265609.8	0.00094746	3.26E-04	7.92E-04	2.44E-04	1.88E-04	6.24E-05	1.46E-04	3.01E-05
1245	625180.64	4265618.7	0.0009373	3.22E-04	7.83E-04	2.41E-04	1.86E-04	6.18E-05	1.45E-04	2.97E-05
1246	625184.16	4265627.61	0.00092682	3.19E-04	7.75E-04	2.39E-04	1.83E-04	6.11E-05	1.43E-04	2.94E-05
1247	625187.69	4265636.52	0.00091595	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.91E-05
1248	625191.22	4265645.43	0.00090472	3.11E-04	7.56E-04	2.33E-04	1.79E-04	5.96E-05	1.40E-04	2.87E-05
1249	625194.74	4265654.34	0.00089324	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.83E-05
1250	625198.27	4265663.25	0.00088145	3.03E-04	7.37E-04	2.27E-04	1.74E-04	5.81E-05	1.36E-04	2.80E-05
1251	625201.8	4265672.16	0.00086942	2.99E-04	7.27E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04	2.76E-05
1252	624860.22	4265325.34	0.0013888	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.15E-05	2.14E-04	4.41E-05
1253	624850.31	4265325.21	0.0013967	4.80E-04	1.17E-03	3.60E-04	2.76E-04	9.20E-05	2.16E-04	4.43E-05
1254	624840.41	4265325.07	0.0014037	4.83E-04	1.17E-03	3.61E-04	2.78E-04	9.25E-05	2.17E-04	4.45E-05
1255	624830.5	4265324.93	0.0014098	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04	4.47E-05
1256	624820.59	4265324.79	0.0014148	4.87E-04	1.18E-03	3.64E-04	2.80E-04	9.32E-05	2.18E-04	4.49E-05
1257	624810.68	4265324.66	0.0014187	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.35E-05	2.19E-04	4.50E-05
1258	624800.77	4265324.52	0.0014213	4.89E-04	1.19E-03	3.66E-04	2.81E-04	9.36E-05	2.19E-04	4.51E-05
1259	624790.86	4265324.38	0.0014225	4.89E-04	1.19E-03	3.66E-04	2.82E-04	9.37E-05	2.19E-04	4.51E-05
1260	624780.95	4265324.24	0.0014221	4.89E-04	1.19E-03	3.66E-04	2.81E-04	9.37E-05	2.19E-04	4.51E-05
1261	624771.04	4265324.11	0.00142	4.88E-04	1.19E-03	3.66E-04	2.81E-04	9.36E-05	2.19E-04	4.51E-05

1262	624761.13	4265323.97	0.0014161	4.87E-04	1.18E-03	3.65E-04	2.80E-04	9.33E-05	2.19E-04	4.49E-05
1263	624751.23	4265323.83	0.0014104	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04	4.48E-05
1264	624741.32	4265323.69	0.0014029	4.82E-04	1.17E-03	3.61E-04	2.78E-04	9.24E-05	2.16E-04	4.45E-05
1265	624731.41	4265323.56	0.0013933	4.79E-04	1.16E-03	3.59E-04	2.76E-04	9.18E-05	2.15E-04	4.42E-05
1266	624721.5	4265323.42	0.0013822	4.75E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04	4.39E-05
1267	624711.59	4265323.28	0.0013699	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.11E-04	4.35E-05
1268	624701.68	4265323.15	0.0013568	4.67E-04	1.13E-03	3.49E-04	2.69E-04	8.94E-05	2.09E-04	4.31E-05
1269	624691.77	4265323.01	0.0013428	4.62E-04	1.12E-03	3.46E-04	2.66E-04	8.85E-05	2.07E-04	4.26E-05
1270	624681.86	4265322.87	0.001328	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04	4.21E-05
1271	624671.96	4265322.73	0.0013126	4.51E-04	1.10E-03	3.38E-04	2.60E-04	8.65E-05	2.03E-04	4.17E-05
1272	624662.05	4265322.6	0.0012967	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.54E-05	2.00E-04	4.12E-05
1273	624652.14	4265322.46	0.0012803	4.40E-04	1.07E-03	3.30E-04	2.53E-04	8.44E-05	1.98E-04	4.06E-05
1274	624642.23	4265322.32	0.0012636	4.35E-04	1.06E-03	3.25E-04	2.50E-04	8.33E-05	1.95E-04	4.01E-05
1275	624632.32	4265322.18	0.0012465	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.21E-05	1.92E-04	3.96E-05
1276	624622.41	4265322.05	0.0012292	4.23E-04	1.03E-03	3.16E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05
1277	624612.5	4265321.91	0.0012116	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04	3.85E-05
1278	624602.59	4265321.77	0.0011938	4.11E-04	9.98E-04	3.07E-04	2.36E-04	7.87E-05	1.84E-04	3.79E-05
1279	624592.69	4265321.63	0.0011758	4.04E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.81E-04	3.73E-05
1280	624582.78	4265321.5	0.0011576	3.98E-04	9.68E-04	2.98E-04	2.29E-04	7.63E-05	1.79E-04	3.67E-05
1281	624572.87	4265321.36	0.0011393	3.92E-04	9.52E-04	2.93E-04	2.26E-04	7.51E-05	1.76E-04	3.62E-05
1282	624562.96	4265321.22	0.0011209	3.85E-04	9.37E-04	2.89E-04	2.22E-04	7.38E-05	1.73E-04	3.56E-05
1283	624553.05	4265321.08	0.0011025	3.79E-04	9.22E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.50E-05
1284	624543.14	4265320.95	0.0010843	3.73E-04	9.06E-04	2.79E-04	2.15E-04	7.14E-05	1.67E-04	3.44E-05
1285	624533.23	4265320.81	0.0010661	3.67E-04	8.91E-04	2.74E-04	2.11E-04	7.02E-05	1.65E-04	3.38E-05
1286	624523.32	4265320.67	0.0010479	3.60E-04	8.76E-04	2.70E-04	2.07E-04	6.90E-05	1.62E-04	3.33E-05
1287	624513.41	4265320.53	0.0010298	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04	3.27E-05
1288	624503.51	4265320.4	0.0010121	3.48E-04	8.46E-04	2.61E-04	2.00E-04	6.67E-05	1.56E-04	3.21E-05
1289	624493.6	4265320.26	0.00099501	3.42E-04	8.32E-04	2.56E-04	1.97E-04	6.56E-05	1.54E-04	3.16E-05
1290	624483.69	4265320.12	0.00097823	3.36E-04	8.18E-04	2.52E-04	1.94E-04	6.45E-05	1.51E-04	3.10E-05
1291	624473.78	4265319.99	0.00096175	3.31E-04	8.04E-04	2.48E-04	1.90E-04	6.34E-05	1.48E-04	3.05E-05
1292	624463.87	4265319.85	0.00094559	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.23E-05	1.46E-04	3.00E-05
1293	624453.96	4265319.71	0.00092961	3.20E-04	7.77E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
1294	624444.05	4265319.57	0.00091376	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.02E-05	1.41E-04	2.90E-05
1295	624434.14	4265319.44	0.00089801	3.09E-04	7.51E-04	2.31E-04	1.78E-04	5.92E-05	1.39E-04	2.85E-05
1296	624424.24	4265319.3	0.00088231	3.03E-04	7.37E-04	2.27E-04	1.75E-04	5.81E-05	1.36E-04	2.80E-05
1297	624414.33	4265319.16	0.00086664	2.98E-04	7.24E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
1298	624404.42	4265319.02	0.000851	2.93E-04	7.11E-04	2.19E-04	1.68E-04	5.61E-05	1.31E-04	2.70E-05
1299	624394.51	4265318.89	0.00083544	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
1300	624384.6	4265318.75	0.00081997	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.27E-04	2.60E-05
1301	624374.69	4265318.61	0.00080465	2.77E-04	6.73E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
1302	624364.78	4265318.47	0.00078955	2.72E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04	2.51E-05
1303	624870	4265279.27	0.0012265	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
1304	624879.08	4265283.18	0.0012324	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1305	624888.16	4265287.1	0.0012376	4.26E-04	1.03E-03	3.19E-04	2.45E-04	8.15E-05	1.91E-04	3.93E-05
1306	624897.25	4265291.02	0.001242	4.27E-04	1.04E-03	3.20E-04	2.46E-04	8.18E-05	1.92E-04	3.94E-05
1307	624906.33	4265294.94	0.0012455	4.28E-04	1.04E-03	3.21E-04	2.47E-04	8.21E-05	1.92E-04	3.95E-05
1308	624915.41	4265298.85	0.001248	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.93E-04	3.96E-05
1309	624924.49	4265302.77	0.0012496	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.23E-05	1.93E-04	3.97E-05
1310	624933.57	4265306.69	0.00125	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.24E-05	1.93E-04	3.97E-05
1311	624942.66	4265310.61	0.0012492	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.23E-05	1.93E-04	3.96E-05
1312	624951.74	4265314.52	0.0012471	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.92E-04	3.96E-05
1313	624960.82	4265318.44	0.0012437	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.19E-05	1.92E-04	3.95E-05
1314	624969.9	4265322.36	0.0012388	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04	3.93E-05
1315	624978.99	4265326.27	0.0012324	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1316	624988.07	4265330.19	0.0012245	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.07E-05	1.89E-04	3.89E-05

1317	624997.15	4265334.11	0.0012151	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.87E-04	3.86E-05
1318	625006.23	4265338.03	0.0012042	4.14E-04	1.01E-03	3.10E-04	2.38E-04	7.93E-05	1.86E-04	3.82E-05
1319	625015.32	4265341.94	0.0011918	4.10E-04	9.96E-04	3.07E-04	2.36E-04	7.85E-05	1.84E-04	3.78E-05
1320	625024.4	4265345.86	0.0011781	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
1321	625033.48	4265349.78	0.0011631	4.00E-04	9.72E-04	2.99E-04	2.30E-04	7.66E-05	1.79E-04	3.69E-05
1322	625042.56	4265353.7	0.0011469	3.94E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04	3.64E-05
1323	625051.65	4265357.61	0.0011298	3.89E-04	9.44E-04	2.91E-04	2.24E-04	7.44E-05	1.74E-04	3.59E-05
1324	625060.73	4265361.53	0.0011119	3.82E-04	9.29E-04	2.86E-04	2.20E-04	7.33E-05	1.72E-04	3.53E-05
1325	625069.81	4265365.45	0.0010933	3.76E-04	9.14E-04	2.81E-04	2.16E-04	7.20E-05	1.69E-04	3.47E-05
1326	625078.89	4265369.37	0.001074	3.69E-04	8.98E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04	3.41E-05
1327	625087.97	4265373.28	0.0010543	3.63E-04	8.81E-04	2.71E-04	2.09E-04	6.95E-05	1.63E-04	3.35E-05
1328	625097.06	4265377.2	0.0010345	3.56E-04	8.65E-04	2.66E-04	2.05E-04	6.82E-05	1.60E-04	3.28E-05
1329	625106.14	4265381.12	0.0010145	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.68E-05	1.57E-04	3.22E-05
1330	625115.22	4265385.04	0.00099433	3.42E-04	8.31E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04	3.16E-05
1331	625124.3	4265388.95	0.00097421	3.35E-04	8.14E-04	2.51E-04	1.93E-04	6.42E-05	1.50E-04	3.09E-05
1332	625133.39	4265392.87	0.0009542	3.28E-04	7.98E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
1333	625146.11	4265405.99	0.00093251	3.21E-04	7.79E-04	2.40E-04	1.85E-04	6.14E-05	1.44E-04	2.96E-05
1334	625149.75	4265415.18	0.0009303	3.20E-04	7.78E-04	2.40E-04	1.84E-04	6.13E-05	1.44E-04	2.95E-05
1335	625153.39	4265424.38	0.00092777	3.19E-04	7.75E-04	2.39E-04	1.84E-04	6.11E-05	1.43E-04	2.94E-05
1336	625157.03	4265433.58	0.00092487	3.18E-04	7.73E-04	2.38E-04	1.83E-04	6.09E-05	1.43E-04	2.94E-05
1337	625160.67	4265442.77	0.00092166	3.17E-04	7.70E-04	2.37E-04	1.82E-04	6.07E-05	1.42E-04	2.92E-05
1338	625164.31	4265451.97	0.0009181	3.16E-04	7.67E-04	2.36E-04	1.82E-04	6.05E-05	1.42E-04	2.91E-05
1339	625167.95	4265461.17	0.00091422	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.02E-05	1.41E-04	2.90E-05
1340	625171.59	4265470.36	0.00091003	3.13E-04	7.61E-04	2.34E-04	1.80E-04	6.00E-05	1.40E-04	2.89E-05
1341	625175.23	4265479.56	0.00090556	3.11E-04	7.57E-04	2.33E-04	1.79E-04	5.97E-05	1.40E-04	2.87E-05
1342	625178.87	4265488.76	0.00090076	3.10E-04	7.53E-04	2.32E-04	1.78E-04	5.93E-05	1.39E-04	2.86E-05
1343	625182.51	4265497.96	0.00089568	3.08E-04	7.49E-04	2.31E-04	1.77E-04	5.90E-05	1.38E-04	2.84E-05
1344	625186.15	4265507.15	0.00089032	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04	2.83E-05
1345	625189.79	4265516.35	0.00088469	3.04E-04	7.39E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04	2.81E-05
1346	625193.43	4265525.55	0.00087875	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04	2.79E-05
1347	625197.07	4265534.74	0.00087255	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
1348	625200.71	4265543.94	0.00086604	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04	2.75E-05
1349	625204.35	4265553.14	0.00085929	2.95E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04	2.73E-05
1350	625207.99	4265562.33	0.00085223	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.62E-05	1.32E-04	2.70E-05
1351	625211.63	4265571.53	0.00084488	2.91E-04	7.06E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04	2.68E-05
1352	625215.27	4265580.73	0.00083728	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
1353	625218.91	4265589.92	0.00082938	2.85E-04	6.93E-04	2.14E-04	1.64E-04	5.46E-05	1.28E-04	2.63E-05
1354	625222.55	4265599.12	0.00082118	2.82E-04	6.86E-04	2.11E-04	1.63E-04	5.41E-05	1.27E-04	2.61E-05
1355	625226.19	4265608.32	0.00081271	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
1356	625229.83	4265617.52	0.0008039	2.76E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
1357	625233.47	4265626.71	0.0007948	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
1358	625237.11	4265635.91	0.00078542	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
1359	625240.75	4265645.11	0.00077572	2.67E-04	6.48E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04	2.46E-05
1360	625244.4	4265654.3	0.00076573	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
1361	625248.04	4265663.5	0.00075548	2.60E-04	6.31E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
1362	625251.68	4265672.7	0.00074506	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04	2.36E-05
1363	624860.92	4265275.35	0.0012195	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.03E-05	1.88E-04	3.87E-05
1364	624851.01	4265275.21	0.0012236	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.06E-05	1.89E-04	3.88E-05
1365	624841.1	4265275.07	0.001227	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
1366	624831.19	4265274.94	0.0012297	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05
1367	624821.28	4265274.8	0.0012318	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1368	624811.37	4265274.66	0.0012329	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1369	624801.46	4265274.52	0.001233	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1370	624791.55	4265274.39	0.0012319	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1371	624781.65	4265274.25	0.0012295	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05

1372	624771.74	4265274.11	0.0012258	4.22E-04	1.02E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
1373	624761.83	4265273.97	0.0012208	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
1374	624751.92	4265273.84	0.0012143	4.18E-04	1.01E-03	3.13E-04	2.40E-04	8.00E-05	1.87E-04	3.85E-05
1375	624742.01	4265273.7	0.0012064	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04	3.83E-05
1376	624732.1	4265273.56	0.0011966	4.11E-04	1.00E-03	3.08E-04	2.37E-04	7.88E-05	1.85E-04	3.80E-05
1377	624722.19	4265273.42	0.0011857	4.08E-04	9.91E-04	3.05E-04	2.35E-04	7.81E-05	1.83E-04	3.76E-05
1378	624712.28	4265273.29	0.0011737	4.04E-04	9.81E-04	3.02E-04	2.32E-04	7.73E-05	1.81E-04	3.72E-05
1379	624702.38	4265273.15	0.001161	3.99E-04	9.70E-04	2.99E-04	2.30E-04	7.65E-05	1.79E-04	3.68E-05
1380	624692.47	4265273.01	0.0011476	3.95E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04	3.64E-05
1381	624682.56	4265272.88	0.0011336	3.90E-04	9.48E-04	2.92E-04	2.24E-04	7.47E-05	1.75E-04	3.60E-05
1382	624672.65	4265272.74	0.0011191	3.85E-04	9.35E-04	2.88E-04	2.22E-04	7.37E-05	1.73E-04	3.55E-05
1383	624662.74	4265272.6	0.0011044	3.80E-04	9.23E-04	2.84E-04	2.19E-04	7.28E-05	1.70E-04	3.50E-05
1384	624652.83	4265272.46	0.0010894	3.75E-04	9.11E-04	2.80E-04	2.16E-04	7.18E-05	1.68E-04	3.46E-05
1385	624642.92	4265272.33	0.0010744	3.69E-04	8.98E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04	3.41E-05
1386	624633.01	4265272.19	0.0010594	3.64E-04	8.85E-04	2.73E-04	2.10E-04	6.98E-05	1.63E-04	3.36E-05
1387	624623.1	4265272.05	0.0010445	3.59E-04	8.73E-04	2.69E-04	2.07E-04	6.88E-05	1.61E-04	3.31E-05
1388	624613.2	4265271.91	0.0010297	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04	3.27E-05
1389	624603.29	4265271.78	0.0010151	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
1390	624593.38	4265271.64	0.0010006	3.44E-04	8.36E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04	3.18E-05
1391	624583.47	4265271.5	0.0009862	3.39E-04	8.24E-04	2.54E-04	1.95E-04	6.50E-05	1.52E-04	3.13E-05
1392	624573.56	4265271.36	0.000972	3.34E-04	8.12E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
1393	624563.65	4265271.23	0.00095796	3.29E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04	3.04E-05
1394	624553.74	4265271.09	0.0009441	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	3.00E-05
1395	624543.83	4265270.95	0.00093044	3.20E-04	7.78E-04	2.40E-04	1.84E-04	6.13E-05	1.44E-04	2.95E-05
1396	624533.93	4265270.81	0.00091701	3.15E-04	7.66E-04	2.36E-04	1.82E-04	6.04E-05	1.41E-04	2.91E-05
1397	624524.02	4265270.68	0.00090383	3.11E-04	7.55E-04	2.33E-04	1.79E-04	5.95E-05	1.39E-04	2.87E-05
1398	624514.11	4265270.54	0.00089089	3.06E-04	7.45E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04	2.83E-05
1399	624504.2	4265270.4	0.00087818	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04	2.79E-05
1400	624494.29	4265270.26	0.00086526	2.98E-04	7.23E-04	2.23E-04	1.71E-04	5.70E-05	1.34E-04	2.75E-05
1401	624484.38	4265270.13	0.00085252	2.93E-04	7.13E-04	2.19E-04	1.69E-04	5.62E-05	1.32E-04	2.71E-05
1402	624474.47	4265269.99	0.00083992	2.89E-04	7.02E-04	2.16E-04	1.66E-04	5.53E-05	1.30E-04	2.67E-05
1403	624464.56	4265269.85	0.00082778	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
1404	624454.66	4265269.72	0.00081575	2.81E-04	6.82E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04	2.59E-05
1405	624444.75	4265269.58	0.00080367	2.76E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
1406	624434.84	4265269.44	0.00079156	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
1407	624424.93	4265269.3	0.00077939	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.47E-05
1408	624415.02	4265269.17	0.00076722	2.64E-04	6.41E-04	1.98E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
1409	624405.11	4265269.03	0.00075499	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.40E-05
1410	624395.2	4265268.89	0.00074274	2.55E-04	6.21E-04	1.91E-04	1.47E-04	4.89E-05	1.15E-04	2.36E-05
1411	624385.29	4265268.75	0.00073054	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.81E-05	1.13E-04	2.32E-05
1412	624375.38	4265268.62	0.00071817	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05
1413	624365.48	4265268.48	0.00070583	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
1414	624870.66	4265229.26	0.0010843	3.73E-04	9.06E-04	2.79E-04	2.15E-04	7.14E-05	1.67E-04	3.44E-05
1415	624879.71	4265233.16	0.0010909	3.75E-04	9.12E-04	2.81E-04	2.16E-04	7.19E-05	1.68E-04	3.46E-05
1416	624888.76	4265237.06	0.0010969	3.77E-04	9.17E-04	2.82E-04	2.17E-04	7.23E-05	1.69E-04	3.48E-05
1417	624897.81	4265240.97	0.0011023	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.50E-05
1418	624906.86	4265244.87	0.0011069	3.81E-04	9.25E-04	2.85E-04	2.19E-04	7.29E-05	1.71E-04	3.51E-05
1419	624915.91	4265248.77	0.0011108	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.32E-05	1.71E-04	3.53E-05
1420	624924.96	4265252.68	0.001114	3.83E-04	9.31E-04	2.87E-04	2.21E-04	7.34E-05	1.72E-04	3.54E-05
1421	624934.01	4265256.58	0.0011164	3.84E-04	9.33E-04	2.87E-04	2.21E-04	7.36E-05	1.72E-04	3.54E-05
1422	624943.06	4265260.48	0.0011179	3.84E-04	9.34E-04	2.88E-04	2.21E-04	7.37E-05	1.72E-04	3.55E-05
1423	624952.11	4265264.39	0.0011185	3.85E-04	9.35E-04	2.88E-04	2.21E-04	7.37E-05	1.73E-04	3.55E-05
1424	624961.16	4265268.29	0.001118	3.84E-04	9.34E-04	2.88E-04	2.21E-04	7.37E-05	1.73E-04	3.55E-05
1425	624970.21	4265272.19	0.0011164	3.84E-04	9.33E-04	2.87E-04	2.21E-04	7.36E-05	1.72E-04	3.54E-05
1426	624979.26	4265276.1	0.0011138	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04	3.53E-05

1427	624988.31	4265280	0.00111	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.31E-05	1.71E-04	3.52E-05
1428	624997.36	4265283.9	0.0011049	3.80E-04	9.24E-04	2.84E-04	2.19E-04	7.28E-05	1.70E-04	3.51E-05
1429	625006.41	4265287.81	0.0010987	3.78E-04	9.18E-04	2.83E-04	2.17E-04	7.24E-05	1.70E-04	3.49E-05
1430	625015.46	4265291.71	0.0010912	3.75E-04	9.12E-04	2.81E-04	2.16E-04	7.19E-05	1.68E-04	3.46E-05
1431	625024.51	4265295.62	0.0010826	3.72E-04	9.05E-04	2.79E-04	2.14E-04	7.13E-05	1.67E-04	3.44E-05
1432	625033.56	4265299.52	0.0010727	3.69E-04	8.97E-04	2.76E-04	2.12E-04	7.07E-05	1.66E-04	3.40E-05
1433	625042.61	4265303.42	0.0010617	3.65E-04	8.87E-04	2.73E-04	2.10E-04	6.99E-05	1.64E-04	3.37E-05
1434	625051.66	4265307.33	0.0010498	3.61E-04	8.77E-04	2.70E-04	2.08E-04	6.92E-05	1.62E-04	3.33E-05
1435	625060.71	4265311.23	0.0010369	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04	3.29E-05
1436	625069.76	4265315.13	0.0010232	3.52E-04	8.55E-04	2.63E-04	2.03E-04	6.74E-05	1.58E-04	3.25E-05
1437	625078.81	4265319.04	0.0010086	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.20E-05
1438	625087.86	4265322.94	0.00099315	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04	3.15E-05
1439	625096.91	4265326.84	0.00097725	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04	3.10E-05
1440	625105.96	4265330.75	0.00096092	3.30E-04	8.03E-04	2.47E-04	1.90E-04	6.33E-05	1.48E-04	3.05E-05
1441	625115.01	4265334.65	0.00094427	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	3.00E-05
1442	625124.06	4265338.55	0.00092743	3.19E-04	7.75E-04	2.39E-04	1.84E-04	6.11E-05	1.43E-04	2.94E-05
1443	625133.11	4265342.46	0.00091049	3.13E-04	7.61E-04	2.34E-04	1.80E-04	6.00E-05	1.40E-04	2.89E-05
1444	625142.16	4265346.36	0.0008935	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
1445	625151.21	4265350.26	0.0008766	3.01E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.78E-05
1446	625160.26	4265354.17	0.00085975	2.96E-04	7.19E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04	2.73E-05
1447	625169.31	4265358.07	0.00084307	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04	2.68E-05
1448	625181.98	4265371.14	0.00082488	2.84E-04	6.89E-04	2.12E-04	1.63E-04	5.43E-05	1.27E-04	2.62E-05
1449	625185.61	4265380.3	0.0008229	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
1450	625189.24	4265389.47	0.00082069	2.82E-04	6.86E-04	2.11E-04	1.62E-04	5.41E-05	1.27E-04	2.60E-05
1451	625192.87	4265398.63	0.00081825	2.81E-04	6.84E-04	2.11E-04	1.62E-04	5.39E-05	1.26E-04	2.60E-05
1452	625196.49	4265407.79	0.00081558	2.80E-04	6.82E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04	2.59E-05
1453	625200.12	4265416.96	0.00081268	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
1454	625203.75	4265426.12	0.00080955	2.78E-04	6.77E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
1455	625207.37	4265435.29	0.00080625	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.31E-05	1.24E-04	2.56E-05
1456	625211	4265444.45	0.00080269	2.76E-04	6.71E-04	2.07E-04	1.59E-04	5.29E-05	1.24E-04	2.55E-05
1457	625214.63	4265453.61	0.00079893	2.75E-04	6.68E-04	2.06E-04	1.58E-04	5.26E-05	1.23E-04	2.54E-05
1458	625218.26	4265462.78	0.00079497	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
1459	625221.88	4265471.94	0.00079084	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
1460	625225.51	4265481.11	0.00078651	2.70E-04	6.57E-04	2.02E-04	1.56E-04	5.18E-05	1.21E-04	2.50E-05
1461	625229.14	4265490.27	0.000782	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
1462	625232.76	4265499.44	0.00077729	2.67E-04	6.50E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.47E-05
1463	625236.39	4265508.6	0.00077239	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
1464	625240.02	4265517.76	0.00076728	2.64E-04	6.41E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04	2.43E-05
1465	625243.65	4265526.93	0.00076197	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
1466	625247.27	4265536.09	0.00075649	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
1467	625250.9	4265545.26	0.00075077	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
1468	625254.53	4265554.42	0.00074486	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04	2.36E-05
1469	625258.16	4265563.58	0.00073875	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04	2.34E-05
1470	625261.78	4265572.75	0.00073241	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04	2.32E-05
1471	625265.41	4265581.91	0.00072583	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
1472	625269.04	4265591.08	0.00071903	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
1473	625272.66	4265600.24	0.00071197	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
1474	625276.29	4265609.4	0.00070468	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
1475	625279.92	4265618.57	0.00069708	2.40E-04	5.83E-04	1.79E-04	1.38E-04	4.59E-05	1.08E-04	2.21E-05
1476	625283.55	4265627.73	0.00068924	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
1477	625287.17	4265636.9	0.00068115	2.34E-04	5.69E-04	1.75E-04	1.35E-04	4.49E-05	1.05E-04	2.16E-05
1478	625290.8	4265646.06	0.0006728	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.14E-05
1479	625294.43	4265655.23	0.00066421	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.38E-05	1.02E-04	2.11E-05
1480	625298.05	4265664.39	0.00065546	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
1481	625301.68	4265673.55	0.00064651	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05

1482	624861.61	4265225.35	0.0010768	3.70E-04	9.00E-04	2.77E-04	2.13E-04	7.09E-05	1.66E-04	3.42E-05
1483	624851.7	4265225.22	0.0010786	3.71E-04	9.02E-04	2.78E-04	2.13E-04	7.11E-05	1.66E-04	3.42E-05
1484	624841.79	4265225.08	0.0010796	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04	3.43E-05
1485	624831.88	4265224.94	0.0010801	3.71E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
1486	624821.97	4265224.8	0.00108	3.71E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
1487	624812.07	4265224.67	0.0010793	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04	3.43E-05
1488	624802.16	4265224.53	0.0010776	3.71E-04	9.01E-04	2.77E-04	2.13E-04	7.10E-05	1.66E-04	3.42E-05
1489	624792.25	4265224.39	0.001075	3.70E-04	8.99E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04	3.41E-05
1490	624782.34	4265224.25	0.0010714	3.68E-04	8.96E-04	2.76E-04	2.12E-04	7.06E-05	1.65E-04	3.40E-05
1491	624772.43	4265224.12	0.0010669	3.67E-04	8.92E-04	2.75E-04	2.11E-04	7.03E-05	1.65E-04	3.39E-05
1492	624762.52	4265223.98	0.0010613	3.65E-04	8.87E-04	2.73E-04	2.10E-04	6.99E-05	1.64E-04	3.37E-05
1493	624752.61	4265223.84	0.0010546	3.63E-04	8.81E-04	2.72E-04	2.09E-04	6.95E-05	1.63E-04	3.35E-05
1494	624742.7	4265223.7	0.0010468	3.60E-04	8.75E-04	2.70E-04	2.07E-04	6.90E-05	1.62E-04	3.32E-05
1495	624732.79	4265223.57	0.0010375	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.84E-05	1.60E-04	3.29E-05
1496	624722.89	4265223.43	0.0010273	3.53E-04	8.59E-04	2.64E-04	2.03E-04	6.77E-05	1.59E-04	3.26E-05
1497	624712.98	4265223.29	0.0010162	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04	3.22E-05
1498	624703.07	4265223.15	0.0010047	3.45E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
1499	624693.16	4265223.02	0.00099258	3.41E-04	8.30E-04	2.56E-04	1.96E-04	6.54E-05	1.53E-04	3.15E-05
1500	624683.25	4265222.88	0.00097992	3.37E-04	8.19E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
1501	624673.34	4265222.74	0.00096695	3.33E-04	8.08E-04	2.49E-04	1.91E-04	6.37E-05	1.49E-04	3.07E-05
1502	624663.43	4265222.61	0.0009538	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.28E-05	1.47E-04	3.03E-05
1503	624653.52	4265222.47	0.0009406	3.23E-04	7.86E-04	2.42E-04	1.86E-04	6.20E-05	1.45E-04	2.99E-05
1504	624643.62	4265222.33	0.00092748	3.19E-04	7.75E-04	2.39E-04	1.84E-04	6.11E-05	1.43E-04	2.94E-05
1505	624633.71	4265222.19	0.00091457	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.03E-05	1.41E-04	2.90E-05
1506	624623.8	4265222.06	0.00090188	3.10E-04	7.54E-04	2.32E-04	1.79E-04	5.94E-05	1.39E-04	2.86E-05
1507	624613.89	4265221.92	0.00088948	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
1508	624603.98	4265221.78	0.00087737	3.02E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.78E-05
1509	624594.07	4265221.64	0.0008656	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.70E-05	1.34E-04	2.75E-05
1510	624584.16	4265221.51	0.00085415	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04	2.71E-05
1511	624574.25	4265221.37	0.00084296	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04	2.68E-05
1512	624564.35	4265221.23	0.00083205	2.86E-04	6.95E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04	2.64E-05
1513	624554.44	4265221.09	0.00082141	2.82E-04	6.87E-04	2.11E-04	1.63E-04	5.41E-05	1.27E-04	2.61E-05
1514	624544.53	4265220.96	0.00081102	2.79E-04	6.78E-04	2.09E-04	1.61E-04	5.34E-05	1.25E-04	2.57E-05
1515	624534.62	4265220.82	0.0008008	2.75E-04	6.69E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04	2.54E-05
1516	624524.71	4265220.68	0.00079084	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
1517	624514.8	4265220.54	0.00078105	2.69E-04	6.53E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
1518	624504.89	4265220.41	0.00077144	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04	2.45E-05
1519	624494.98	4265220.27	0.00076157	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
1520	624485.07	4265220.13	0.00075178	2.59E-04	6.28E-04	1.94E-04	1.49E-04	4.95E-05	1.16E-04	2.39E-05
1521	624475.17	4265219.99	0.00074202	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.89E-05	1.14E-04	2.35E-05
1522	624465.26	4265219.86	0.00073258	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04	2.32E-05
1523	624455.35	4265219.72	0.00072319	2.49E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.12E-04	2.30E-05
1524	624445.44	4265219.58	0.00071372	2.45E-04	5.97E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04	2.27E-05
1525	624435.53	4265219.45	0.00070422	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.23E-05
1526	624425.62	4265219.31	0.00069458	2.39E-04	5.81E-04	1.79E-04	1.37E-04	4.58E-05	1.07E-04	2.20E-05
1527	624415.71	4265219.17	0.00068491	2.36E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
1528	624405.8	4265219.03	0.00067518	2.32E-04	5.64E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05
1529	624395.9	4265218.9	0.00066542	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.38E-05	1.03E-04	2.11E-05
1530	624385.99	4265218.76	0.00065563	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
1531	624376.08	4265218.62	0.00064559	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.25E-05	9.96E-05	2.05E-05
1532	624366.17	4265218.48	0.00063557	2.19E-04	5.31E-04	1.64E-04	1.26E-04	4.19E-05	9.81E-05	2.02E-05
1533	624871.33	4265179.25	0.00096356	3.31E-04	8.05E-04	2.48E-04	1.91E-04	6.35E-05	1.49E-04	3.06E-05
1534	624880.35	4265183.14	0.00097065	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
1535	624889.37	4265187.04	0.00097719	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04	3.10E-05
1536	624898.4	4265190.93	0.00098319	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04	3.12E-05

1537	624907.42	4265194.82	0.00098861	3.40E-04	8.26E-04	2.55E-04	1.96E-04	6.51E-05	1.53E-04	3.14E-05
1538	624916.45	4265198.71	0.00099347	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04	3.15E-05
1539	624925.47	4265202.6	0.00099771	3.43E-04	8.34E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.17E-05
1540	624934.5	4265206.5	0.0010014	3.44E-04	8.37E-04	2.58E-04	1.98E-04	6.60E-05	1.55E-04	3.18E-05
1541	624943.52	4265210.39	0.0010043	3.45E-04	8.39E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
1542	624952.54	4265214.28	0.0010066	3.46E-04	8.41E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04	3.19E-05
1543	624961.57	4265218.17	0.001008	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04	3.20E-05
1544	624970.59	4265222.07	0.0010087	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.20E-05
1545	624979.62	4265225.96	0.0010085	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04	3.20E-05
1546	624988.64	4265229.85	0.0010074	3.46E-04	8.42E-04	2.59E-04	1.99E-04	6.64E-05	1.55E-04	3.20E-05
1547	624997.66	4265233.74	0.0010053	3.46E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
1548	625006.69	4265237.64	0.0010023	3.45E-04	8.38E-04	2.58E-04	1.98E-04	6.60E-05	1.55E-04	3.18E-05
1549	625015.71	4265241.53	0.00099834	3.43E-04	8.34E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
1550	625024.74	4265245.42	0.00099349	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04	3.15E-05
1551	625033.76	4265249.31	0.00098764	3.40E-04	8.26E-04	2.54E-04	1.95E-04	6.51E-05	1.52E-04	3.13E-05
1552	625042.79	4265253.2	0.00098078	3.37E-04	8.20E-04	2.53E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
1553	625051.81	4265257.1	0.0009728	3.35E-04	8.13E-04	2.50E-04	1.93E-04	6.41E-05	1.50E-04	3.09E-05
1554	625060.83	4265260.99	0.00096385	3.31E-04	8.06E-04	2.48E-04	1.91E-04	6.35E-05	1.49E-04	3.06E-05
1555	625069.86	4265264.88	0.00095397	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
1556	625078.88	4265268.77	0.0009433	3.24E-04	7.88E-04	2.43E-04	1.87E-04	6.21E-05	1.46E-04	2.99E-05
1557	625087.91	4265272.67	0.00093182	3.20E-04	7.79E-04	2.40E-04	1.84E-04	6.14E-05	1.44E-04	2.96E-05
1558	625096.93	4265276.56	0.00091968	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04	2.92E-05
1559	625105.95	4265280.45	0.00090693	3.12E-04	7.58E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04	2.88E-05
1560	625114.98	4265284.34	0.00089364	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
1561	625124	4265288.24	0.00087998	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
1562	625133.03	4265292.13	0.00086598	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04	2.75E-05
1563	625142.05	4265296.02	0.00085174	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04	2.70E-05
1564	625151.07	4265299.91	0.00083736	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
1565	625160.1	4265303.8	0.0008229	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
1566	625169.12	4265307.7	0.00080852	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
1567	625178.15	4265311.59	0.00079417	2.73E-04	6.64E-04	2.04E-04	1.57E-04	5.23E-05	1.23E-04	2.52E-05
1568	625187.17	4265315.48	0.00077991	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.48E-05
1569	625196.2	4265319.37	0.00076576	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
1570	625205.22	4265323.27	0.00075172	2.59E-04	6.28E-04	1.94E-04	1.49E-04	4.95E-05	1.16E-04	2.39E-05
1571	625217.86	4265336.3	0.00073625	2.53E-04	6.15E-04	1.90E-04	1.46E-04	4.85E-05	1.14E-04	2.34E-05
1572	625221.48	4265345.43	0.00073453	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04	2.33E-05
1573	625225.09	4265354.57	0.00073266	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04	2.33E-05
1574	625228.71	4265363.71	0.00073054	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.81E-05	1.13E-04	2.32E-05
1575	625232.33	4265372.85	0.0007283	2.50E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
1576	625235.95	4265381.99	0.00072592	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
1577	625239.56	4265391.12	0.00072342	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
1578	625243.18	4265400.26	0.00072072	2.48E-04	6.02E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04	2.29E-05
1579	625246.8	4265409.4	0.00071786	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05
1580	625250.41	4265418.54	0.00071481	2.46E-04	5.97E-04	1.84E-04	1.41E-04	4.71E-05	1.10E-04	2.27E-05
1581	625254.03	4265427.68	0.00071171	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
1582	625257.65	4265436.81	0.00070856	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
1583	625261.26	4265445.95	0.00070526	2.43E-04	5.89E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
1584	625264.88	4265455.09	0.00070175	2.41E-04	5.87E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04	2.23E-05
1585	625268.5	4265464.23	0.00069808	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.22E-05
1586	625272.11	4265473.37	0.00069421	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
1587	625275.73	4265482.5	0.00069027	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
1588	625279.35	4265491.64	0.0006862	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04	2.18E-05
1589	625282.96	4265500.78	0.00068201	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.49E-05	1.05E-04	2.16E-05
1590	625286.58	4265509.92	0.0006777	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
1591	625290.2	4265519.06	0.0006732	2.31E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05

1592	625293.82	4265528.19	0.00066846	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
1593	625297.43	4265537.33	0.00066355	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.11E-05
1594	625301.05	4265546.47	0.00065853	2.26E-04	5.50E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04	2.09E-05
1595	625304.67	4265555.61	0.00065331	2.25E-04	5.46E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
1596	625308.28	4265564.75	0.00064794	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04	2.06E-05
1597	625311.9	4265573.88	0.00064234	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.91E-05	2.04E-05
1598	625315.52	4265583.02	0.0006366	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.82E-05	2.02E-05
1599	625319.13	4265592.16	0.00063072	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.16E-05	9.73E-05	2.00E-05
1600	625322.75	4265601.3	0.00062452	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.11E-05	9.64E-05	1.98E-05
1601	625326.37	4265610.44	0.00061803	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05	1.96E-05
1602	625329.98	4265619.57	0.00061132	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05	1.94E-05
1603	625333.6	4265628.71	0.00060432	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.32E-05	1.92E-05
1604	625337.22	4265637.85	0.0005972	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.22E-05	1.90E-05
1605	625340.83	4265646.99	0.00058988	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.89E-05	9.10E-05	1.87E-05
1606	625344.45	4265656.13	0.00058242	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05	1.85E-05
1607	625348.07	4265665.26	0.00057484	1.98E-04	4.80E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.82E-05
1608	625351.69	4265674.4	0.00056715	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05	1.80E-05
1609	624862.3	4265175.36	0.00095584	3.29E-04	7.99E-04	2.46E-04	1.89E-04	6.30E-05	1.47E-04	3.03E-05
1610	624852.39	4265175.22	0.00095581	3.29E-04	7.99E-04	2.46E-04	1.89E-04	6.30E-05	1.47E-04	3.03E-05
1611	624842.48	4265175.08	0.00095518	3.28E-04	7.98E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
1612	624832.58	4265174.95	0.00095406	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
1613	624822.67	4265174.81	0.0009526	3.28E-04	7.96E-04	2.45E-04	1.89E-04	6.28E-05	1.47E-04	3.02E-05
1614	624812.76	4265174.67	0.0009505	3.27E-04	7.94E-04	2.45E-04	1.88E-04	6.26E-05	1.47E-04	3.02E-05
1615	624802.85	4265174.53	0.00094775	3.26E-04	7.92E-04	2.44E-04	1.88E-04	6.24E-05	1.46E-04	3.01E-05
1616	624792.94	4265174.4	0.00094433	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	3.00E-05
1617	624783.03	4265174.26	0.00094017	3.23E-04	7.86E-04	2.42E-04	1.86E-04	6.19E-05	1.45E-04	2.98E-05
1618	624773.12	4265174.12	0.00093523	3.22E-04	7.82E-04	2.41E-04	1.85E-04	6.16E-05	1.44E-04	2.97E-05
1619	624763.21	4265173.98	0.00092955	3.20E-04	7.77E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
1620	624753.31	4265173.85	0.00092312	3.17E-04	7.72E-04	2.38E-04	1.83E-04	6.08E-05	1.42E-04	2.93E-05
1621	624743.4	4265173.71	0.00091586	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.91E-05
1622	624733.49	4265173.57	0.00090745	3.12E-04	7.58E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04	2.88E-05
1623	624723.58	4265173.43	0.00089829	3.09E-04	7.51E-04	2.31E-04	1.78E-04	5.92E-05	1.39E-04	2.85E-05
1624	624713.67	4265173.3	0.00088848	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
1625	624703.76	4265173.16	0.00087843	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04	2.79E-05
1626	624693.85	4265173.02	0.00086787	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.72E-05	1.34E-04	2.75E-05
1627	624683.94	4265172.88	0.00085694	2.95E-04	7.16E-04	2.21E-04	1.70E-04	5.65E-05	1.32E-04	2.72E-05
1628	624674.04	4265172.75	0.00084574	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.31E-04	2.68E-05
1629	624664.13	4265172.61	0.00083441	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
1630	624654.22	4265172.47	0.00082304	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
1631	624644.31	4265172.34	0.00081182	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
1632	624634.4	4265172.2	0.00080077	2.75E-04	6.69E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04	2.54E-05
1633	624624.49	4265172.06	0.00079001	2.72E-04	6.60E-04	2.03E-04	1.56E-04	5.21E-05	1.22E-04	2.51E-05
1634	624614.58	4265171.92	0.00077956	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.47E-05
1635	624604.67	4265171.79	0.00076949	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
1636	624594.76	4265171.65	0.00075979	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05
1637	624584.86	4265171.51	0.00075043	2.58E-04	6.27E-04	1.93E-04	1.49E-04	4.94E-05	1.16E-04	2.38E-05
1638	624574.95	4265171.37	0.00074142	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04	2.35E-05
1639	624565.04	4265171.24	0.00073275	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04	2.33E-05
1640	624555.13	4265171.1	0.00072434	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
1641	624545.22	4265170.96	0.00071619	2.46E-04	5.99E-04	1.84E-04	1.42E-04	4.72E-05	1.11E-04	2.27E-05
1642	624535.31	4265170.82	0.00070824	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
1643	624525.4	4265170.69	0.00070046	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
1644	624515.49	4265170.55	0.00069277	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
1645	624505.59	4265170.41	0.00068517	2.36E-04	5.73E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
1646	624495.68	4265170.27	0.00067744	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.05E-04	2.15E-05

1647	624485.77	4265170.14	0.0006697	2.30E-04	5.60E-04	1.72E-04	1.33E-04	4.41E-05	1.03E-04	2.13E-05
1648	624475.86	4265170	0.00066189	2.28E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
1649	624465.95	4265169.86	0.00065431	2.25E-04	5.47E-04	1.68E-04	1.30E-04	4.31E-05	1.01E-04	2.08E-05
1650	624456.04	4265169.72	0.00064676	2.22E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05
1651	624446.13	4265169.59	0.00063913	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.86E-05	2.03E-05
1652	624436.22	4265169.45	0.00063141	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.74E-05	2.00E-05
1653	624426.32	4265169.31	0.00062363	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05	1.98E-05
1654	624416.41	4265169.18	0.00061577	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.50E-05	1.95E-05
1655	624406.5	4265169.04	0.00060785	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05	1.93E-05
1656	624396.59	4265168.9	0.0005999	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.26E-05	1.90E-05
1657	624386.68	4265168.76	0.00059192	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
1658	624376.77	4265168.63	0.00058382	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05	1.85E-05
1659	624366.86	4265168.49	0.00057564	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.88E-05	1.83E-05
1660	624872	4265129.25	0.00085992	2.96E-04	7.19E-04	2.21E-04	1.70E-04	5.67E-05	1.33E-04	2.73E-05
1661	624881	4265133.13	0.00086721	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
1662	624890.01	4265137.01	0.00087407	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.77E-05
1663	624899.01	4265140.9	0.0008805	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
1664	624908.01	4265144.78	0.00088644	3.05E-04	7.41E-04	2.28E-04	1.75E-04	5.84E-05	1.37E-04	2.81E-05
1665	624917.01	4265148.66	0.00089195	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
1666	624926.02	4265152.55	0.00089697	3.08E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.38E-04	2.85E-05
1667	624935.02	4265156.43	0.00090145	3.10E-04	7.53E-04	2.32E-04	1.78E-04	5.94E-05	1.39E-04	2.86E-05
1668	624944.02	4265160.31	0.00090544	3.11E-04	7.57E-04	2.33E-04	1.79E-04	5.97E-05	1.40E-04	2.87E-05
1669	624953.03	4265164.2	0.00090886	3.13E-04	7.60E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04	2.88E-05
1670	624962.03	4265168.08	0.00091187	3.14E-04	7.62E-04	2.35E-04	1.80E-04	6.01E-05	1.41E-04	2.89E-05
1671	624971.03	4265171.96	0.00091422	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.02E-05	1.41E-04	2.90E-05
1672	624980.04	4265175.85	0.00091592	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.91E-05
1673	624989.04	4265179.73	0.00091666	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.04E-05	1.41E-04	2.91E-05
1674	624998.04	4265183.61	0.00091663	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.04E-05	1.41E-04	2.91E-05
1675	625007.05	4265187.5	0.00091586	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.91E-05
1676	625016.05	4265191.38	0.00091431	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.02E-05	1.41E-04	2.90E-05
1677	625025.05	4265195.26	0.00091184	3.14E-04	7.62E-04	2.35E-04	1.80E-04	6.01E-05	1.41E-04	2.89E-05
1678	625034.06	4265199.14	0.00090854	3.12E-04	7.59E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04	2.88E-05
1679	625043.06	4265203.03	0.00090444	3.11E-04	7.56E-04	2.33E-04	1.79E-04	5.96E-05	1.40E-04	2.87E-05
1680	625052.06	4265206.91	0.00089944	3.09E-04	7.52E-04	2.32E-04	1.78E-04	5.93E-05	1.39E-04	2.85E-05
1681	625061.07	4265210.79	0.00089364	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
1682	625070.07	4265214.68	0.00088704	3.05E-04	7.41E-04	2.28E-04	1.76E-04	5.84E-05	1.37E-04	2.82E-05
1683	625079.07	4265218.56	0.00087964	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
1684	625088.07	4265222.44	0.00087149	3.00E-04	7.28E-04	2.24E-04	1.73E-04	5.74E-05	1.34E-04	2.77E-05
1685	625097.08	4265226.33	0.00086259	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04	2.74E-05
1686	625106.08	4265230.21	0.00085309	2.93E-04	7.13E-04	2.20E-04	1.69E-04	5.62E-05	1.32E-04	2.71E-05
1687	625115.08	4265234.09	0.00084293	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04	2.68E-05
1688	625124.09	4265237.98	0.00083223	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04	2.64E-05
1689	625133.09	4265241.86	0.00082109	2.82E-04	6.86E-04	2.11E-04	1.63E-04	5.41E-05	1.27E-04	2.61E-05
1690	625142.09	4265245.74	0.00080967	2.78E-04	6.77E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
1691	625151.1	4265249.63	0.00079787	2.74E-04	6.67E-04	2.05E-04	1.58E-04	5.26E-05	1.23E-04	2.53E-05
1692	625160.1	4265253.51	0.00078582	2.70E-04	6.57E-04	2.02E-04	1.56E-04	5.18E-05	1.21E-04	2.49E-05
1693	625169.1	4265257.39	0.00077353	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.19E-04	2.45E-05
1694	625178.11	4265261.28	0.00076108	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04	2.42E-05
1695	625187.11	4265265.16	0.00074859	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.16E-04	2.38E-05
1696	625196.11	4265269.04	0.00073611	2.53E-04	6.15E-04	1.90E-04	1.46E-04	4.85E-05	1.14E-04	2.34E-05
1697	625205.12	4265272.93	0.00072365	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
1698	625214.12	4265276.81	0.00071128	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
1699	625223.12	4265280.69	0.00069903	2.40E-04	5.84E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04	2.22E-05
1700	625232.12	4265284.58	0.00068692	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05
1701	625241.13	4265288.46	0.00067498	2.32E-04	5.64E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05

1702	625253.74	4265301.46	0.00066186	2.28E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
1703	625257.35	4265310.58	0.00066037	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.10E-05
1704	625260.96	4265319.69	0.00065879	2.27E-04	5.51E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04	2.09E-05
1705	625264.57	4265328.81	0.00065707	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.09E-05
1706	625268.17	4265337.93	0.00065529	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
1707	625271.78	4265347.04	0.00065339	2.25E-04	5.46E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
1708	625275.39	4265356.16	0.00065138	2.24E-04	5.44E-04	1.68E-04	1.29E-04	4.29E-05	1.01E-04	2.07E-05
1709	625279	4265365.28	0.00064926	2.23E-04	5.43E-04	1.67E-04	1.29E-04	4.28E-05	1.00E-04	2.06E-05
1710	625282.61	4265374.39	0.00064705	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05
1711	625286.22	4265383.51	0.00064473	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05	2.05E-05
1712	625289.82	4265392.63	0.00064232	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.91E-05	2.04E-05
1713	625293.43	4265401.74	0.00063976	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.87E-05	2.03E-05
1714	625297.04	4265410.86	0.00063715	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.83E-05	2.02E-05
1715	625300.65	4265419.98	0.00063439	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05	2.01E-05
1716	625304.26	4265429.09	0.00063155	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.00E-05
1717	625307.87	4265438.21	0.00062863	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05	2.00E-05
1718	625311.48	4265447.33	0.00062555	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.99E-05
1719	625315.08	4265456.44	0.00062243	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05	1.98E-05
1720	625318.69	4265465.56	0.00061913	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
1721	625322.3	4265474.68	0.00061574	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.50E-05	1.95E-05
1722	625325.91	4265483.8	0.00061221	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.03E-05	9.45E-05	1.94E-05
1723	625329.52	4265492.91	0.00060854	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
1724	625333.13	4265502.03	0.00060475	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.33E-05	1.92E-05
1725	625336.73	4265511.15	0.00060079	2.07E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.27E-05	1.91E-05
1726	625340.34	4265520.26	0.00059674	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05	1.89E-05
1727	625343.95	4265529.38	0.00059252	2.04E-04	4.95E-04	1.53E-04	1.17E-04	3.90E-05	9.14E-05	1.88E-05
1728	625347.56	4265538.5	0.00058816	2.02E-04	4.92E-04	1.51E-04	1.16E-04	3.88E-05	9.08E-05	1.87E-05
1729	625351.17	4265547.61	0.00058365	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05	1.85E-05
1730	625354.78	4265556.73	0.00057897	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05	1.84E-05
1731	625358.39	4265565.85	0.00057412	1.97E-04	4.80E-04	1.48E-04	1.14E-04	3.78E-05	8.86E-05	1.82E-05
1732	625361.99	4265574.96	0.00056913	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.78E-05	1.81E-05
1733	625365.6	4265584.08	0.00056393	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
1734	625369.21	4265593.2	0.00055854	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.62E-05	1.77E-05
1735	625372.82	4265602.31	0.00055297	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.53E-05	1.75E-05
1736	625376.43	4265611.43	0.0005472	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.61E-05	8.44E-05	1.74E-05
1737	625380.04	4265620.55	0.00054123	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.57E-05	8.35E-05	1.72E-05
1738	625383.64	4265629.66	0.00053509	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05	1.70E-05
1739	625387.25	4265638.78	0.00052878	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05	1.68E-05
1740	625390.86	4265647.9	0.00052232	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
1741	625394.47	4265657.01	0.00051572	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
1742	625398.08	4265666.13	0.000509	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05	1.62E-05
1743	625401.69	4265675.25	0.0005022	1.73E-04	4.20E-04	1.29E-04	9.94E-05	3.31E-05	7.75E-05	1.59E-05
1744	624863	4265125.36	0.00085214	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04	2.70E-05
1745	624853.09	4265125.23	0.00085088	2.93E-04	7.11E-04	2.19E-04	1.68E-04	5.61E-05	1.31E-04	2.70E-05
1746	624843.18	4265125.09	0.00084913	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.59E-05	1.31E-04	2.69E-05
1747	624833.27	4265124.95	0.00084695	2.91E-04	7.08E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04	2.69E-05
1748	624823.36	4265124.81	0.0008446	2.90E-04	7.06E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04	2.68E-05
1749	624813.45	4265124.68	0.00084178	2.89E-04	7.04E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04	2.67E-05
1750	624803.54	4265124.54	0.00083848	2.88E-04	7.01E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
1751	624793.63	4265124.4	0.00083467	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
1752	624783.73	4265124.26	0.00083036	2.86E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04	2.64E-05
1753	624773.82	4265124.13	0.00082551	2.84E-04	6.90E-04	2.13E-04	1.63E-04	5.44E-05	1.27E-04	2.62E-05
1754	624763.91	4265123.99	0.00082011	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.27E-04	2.60E-05
1755	624754	4265123.85	0.00081417	2.80E-04	6.81E-04	2.10E-04	1.61E-04	5.36E-05	1.26E-04	2.58E-05
1756	624744.09	4265123.71	0.00080769	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05

1757	624734.18	4265123.58	0.00080037	2.75E-04	6.69E-04	2.06E-04	1.58E-04	5.27E-05	1.24E-04	2.54E-05
1758	624724.27	4265123.44	0.00079242	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
1759	624714.36	4265123.3	0.00078401	2.70E-04	6.55E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
1760	624704.46	4265123.16	0.00077549	2.67E-04	6.48E-04	2.00E-04	1.53E-04	5.11E-05	1.20E-04	2.46E-05
1761	624694.55	4265123.03	0.00076662	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
1762	624684.64	4265122.89	0.0007574	2.60E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.40E-05
1763	624674.73	4265122.75	0.00074799	2.57E-04	6.25E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04	2.37E-05
1764	624664.82	4265122.61	0.00073843	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04	2.34E-05
1765	624654.91	4265122.48	0.00072888	2.51E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
1766	624645	4265122.34	0.00071938	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
1767	624635.09	4265122.2	0.00070999	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
1768	624625.18	4265122.07	0.00070089	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
1769	624615.28	4265121.93	0.00069205	2.38E-04	5.78E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
1770	624605.37	4265121.79	0.00068356	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
1771	624595.46	4265121.65	0.00067538	2.32E-04	5.65E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05
1772	624585.55	4265121.52	0.0006676	2.30E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
1773	624575.64	4265121.38	0.00066014	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
1774	624565.73	4265121.24	0.00065302	2.25E-04	5.46E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
1775	624555.82	4265121.1	0.00064616	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.26E-05	9.97E-05	2.05E-05
1776	624545.91	4265120.97	0.00063959	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
1777	624536.01	4265120.83	0.00063319	2.18E-04	5.29E-04	1.63E-04	1.25E-04	4.17E-05	9.77E-05	2.01E-05
1778	624526.1	4265120.69	0.00062667	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
1779	624516.19	4265120.55	0.00062019	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
1780	624506.28	4265120.42	0.00061376	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
1781	624496.37	4265120.28	0.00060759	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05	1.93E-05
1782	624486.46	4265120.14	0.00060147	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05	1.91E-05
1783	624476.55	4265120	0.00059533	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.92E-05	9.19E-05	1.89E-05
1784	624466.64	4265119.87	0.00058913	2.03E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
1785	624456.74	4265119.73	0.00058288	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05	1.85E-05
1786	624446.83	4265119.59	0.00057653	1.98E-04	4.82E-04	1.48E-04	1.14E-04	3.80E-05	8.90E-05	1.83E-05
1787	624436.92	4265119.45	0.00057011	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
1788	624427.01	4265119.32	0.00056365	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
1789	624417.1	4265119.18	0.0005571	1.92E-04	4.66E-04	1.43E-04	1.10E-04	3.67E-05	8.60E-05	1.77E-05
1790	624407.19	4265119.04	0.00055053	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.63E-05	8.49E-05	1.75E-05
1791	624397.28	4265118.91	0.00054393	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05	1.73E-05
1792	624387.37	4265118.77	0.0005373	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
1793	624377.46	4265118.63	0.00053067	1.82E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
1794	624367.56	4265118.49	0.0005241	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.09E-05	1.66E-05
1795	624872.67	4265079.24	0.00077029	2.65E-04	6.44E-04	1.98E-04	1.52E-04	5.08E-05	1.19E-04	2.44E-05
1796	624881.66	4265083.12	0.00077758	2.67E-04	6.50E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.47E-05
1797	624890.65	4265086.99	0.00078453	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
1798	624899.63	4265090.87	0.00079116	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
1799	624908.62	4265094.75	0.00079741	2.74E-04	6.67E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04	2.53E-05
1800	624917.6	4265098.62	0.0008033	2.76E-04	6.71E-04	2.07E-04	1.59E-04	5.29E-05	1.24E-04	2.55E-05
1801	624926.59	4265102.5	0.00080884	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
1802	624935.57	4265106.37	0.00081392	2.80E-04	6.80E-04	2.10E-04	1.61E-04	5.36E-05	1.26E-04	2.58E-05
1803	624944.56	4265110.25	0.00081862	2.82E-04	6.84E-04	2.11E-04	1.62E-04	5.39E-05	1.26E-04	2.60E-05
1804	624953.55	4265114.13	0.00082287	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
1805	624962.53	4265118	0.0008268	2.84E-04	6.91E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.62E-05
1806	624971.52	4265121.88	0.00083025	2.86E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04	2.63E-05
1807	624980.5	4265125.75	0.00083312	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.49E-05	1.29E-04	2.64E-05
1808	624989.49	4265129.63	0.00083527	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
1809	624998.48	4265133.5	0.00083673	2.88E-04	6.99E-04	2.15E-04	1.66E-04	5.51E-05	1.29E-04	2.66E-05
1810	625007.46	4265137.38	0.00083759	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
1811	625016.45	4265141.26	0.00083774	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05

1812	625025.43	4265145.13	0.00083719	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
1813	625034.42	4265149.01	0.00083593	2.87E-04	6.99E-04	2.15E-04	1.65E-04	5.51E-05	1.29E-04	2.65E-05
1814	625043.4	4265152.88	0.00083392	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.49E-05	1.29E-04	2.65E-05
1815	625052.39	4265156.76	0.00083122	2.86E-04	6.95E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04	2.64E-05
1816	625061.38	4265160.63	0.00082778	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
1817	625070.36	4265164.51	0.00082364	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.43E-05	1.27E-04	2.61E-05
1818	625079.35	4265168.39	0.00081891	2.82E-04	6.84E-04	2.11E-04	1.62E-04	5.40E-05	1.26E-04	2.60E-05
1819	625088.33	4265172.26	0.00081346	2.80E-04	6.80E-04	2.09E-04	1.61E-04	5.36E-05	1.26E-04	2.58E-05
1820	625097.32	4265176.14	0.00080731	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05
1821	625106.3	4265180.01	0.00080048	2.75E-04	6.69E-04	2.06E-04	1.58E-04	5.27E-05	1.24E-04	2.54E-05
1822	625115.29	4265183.89	0.00079302	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.52E-05
1823	625124.28	4265187.76	0.00078499	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
1824	625133.26	4265191.64	0.00077643	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.46E-05
1825	625142.25	4265195.52	0.00076739	2.64E-04	6.41E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04	2.44E-05
1826	625151.23	4265199.39	0.00075792	2.61E-04	6.34E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.41E-05
1827	625160.22	4265203.27	0.00074808	2.57E-04	6.25E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04	2.37E-05
1828	625169.2	4265207.14	0.00073792	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.86E-05	1.14E-04	2.34E-05
1829	625178.19	4265211.02	0.0007275	2.50E-04	6.08E-04	1.87E-04	1.44E-04	4.79E-05	1.12E-04	2.31E-05
1830	625187.18	4265214.89	0.00071688	2.47E-04	5.99E-04	1.85E-04	1.42E-04	4.72E-05	1.11E-04	2.28E-05
1831	625196.16	4265218.77	0.00070615	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
1832	625205.15	4265222.65	0.0006953	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04	2.21E-05
1833	625214.13	4265226.52	0.00068442	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
1834	625223.12	4265230.4	0.00067351	2.32E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
1835	625232.1	4265234.27	0.00066272	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.10E-05
1836	625241.09	4265238.15	0.00065193	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
1837	625250.08	4265242.02	0.00064125	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.89E-05	2.04E-05
1838	625259.06	4265245.9	0.00063075	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.16E-05	9.73E-05	2.00E-05
1839	625268.05	4265249.78	0.00062039	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
1840	625277.03	4265253.65	0.0006102	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
1841	625289.62	4265266.63	0.00059886	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.24E-05	1.90E-05
1842	625293.22	4265275.73	0.0005976	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05	1.90E-05
1843	625296.82	4265284.83	0.00059628	2.05E-04	4.98E-04	1.54E-04	1.18E-04	3.93E-05	9.20E-05	1.89E-05
1844	625300.42	4265293.92	0.0005949	2.05E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.18E-05	1.89E-05
1845	625304.03	4265303.02	0.0005935	2.04E-04	4.96E-04	1.53E-04	1.17E-04	3.91E-05	9.16E-05	1.88E-05
1846	625307.63	4265312.12	0.00059203	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.14E-05	1.88E-05
1847	625311.23	4265321.22	0.0005904	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.89E-05	9.11E-05	1.87E-05
1848	625314.83	4265330.32	0.00058876	2.02E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.08E-05	1.87E-05
1849	625318.43	4265339.42	0.00058704	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.06E-05	1.86E-05
1850	625322.03	4265348.52	0.0005852	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.86E-05	9.03E-05	1.86E-05
1851	625325.63	4265357.62	0.00058331	2.01E-04	4.88E-04	1.50E-04	1.15E-04	3.84E-05	9.00E-05	1.85E-05
1852	625329.24	4265366.72	0.00058133	2.00E-04	4.86E-04	1.50E-04	1.15E-04	3.83E-05	8.97E-05	1.84E-05
1853	625332.84	4265375.82	0.00057923	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.82E-05	8.94E-05	1.84E-05
1854	625336.44	4265384.92	0.00057711	1.98E-04	4.82E-04	1.49E-04	1.14E-04	3.80E-05	8.91E-05	1.83E-05
1855	625340.04	4265394.01	0.00057487	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.82E-05
1856	625343.64	4265403.11	0.00057257	1.97E-04	4.79E-04	1.47E-04	1.13E-04	3.77E-05	8.84E-05	1.82E-05
1857	625347.24	4265412.21	0.00057016	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
1858	625350.85	4265421.31	0.00056764	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.76E-05	1.80E-05
1859	625354.45	4265430.41	0.00056505	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.72E-05	1.79E-05
1860	625358.05	4265439.51	0.00056233	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.78E-05
1861	625361.65	4265448.61	0.00055951	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05	1.78E-05
1862	625365.25	4265457.71	0.00055662	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.59E-05	1.77E-05
1863	625368.85	4265466.81	0.0005536	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05	1.76E-05
1864	625372.45	4265475.91	0.00055047	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.63E-05	8.49E-05	1.75E-05
1865	625376.06	4265485.01	0.00054723	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.61E-05	8.44E-05	1.74E-05
1866	625379.66	4265494.11	0.0005439	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05	1.73E-05

1867	625383.26	4265503.2	0.00054043	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.56E-05	8.34E-05	1.72E-05
1868	625386.86	4265512.3	0.00053681	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
1869	625390.46	4265521.4	0.00053308	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05	1.69E-05
1870	625394.06	4265530.5	0.00052918	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
1871	625397.66	4265539.6	0.00052516	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05
1872	625401.27	4265548.7	0.00052103	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
1873	625404.87	4265557.8	0.00051675	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
1874	625408.47	4265566.9	0.00051236	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.91E-05	1.63E-05
1875	625412.07	4265576	0.00050785	1.75E-04	4.24E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05	1.61E-05
1876	625415.67	4265585.1	0.00050312	1.73E-04	4.21E-04	1.30E-04	9.96E-05	3.31E-05	7.76E-05	1.60E-05
1877	625419.27	4265594.2	0.00049827	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05	1.58E-05
1878	625422.88	4265603.29	0.00049322	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.57E-05
1879	625426.48	4265612.39	0.00048802	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.22E-05	7.53E-05	1.55E-05
1880	625430.08	4265621.49	0.00048266	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.45E-05	1.53E-05
1881	625433.68	4265630.59	0.00047714	1.64E-04	3.99E-04	1.23E-04	9.44E-05	3.14E-05	7.36E-05	1.51E-05
1882	625437.28	4265639.69	0.00047155	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.28E-05	1.50E-05
1883	625440.88	4265648.79	0.00046587	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
1884	625444.48	4265657.89	0.00046007	1.58E-04	3.85E-04	1.18E-04	9.11E-05	3.03E-05	7.10E-05	1.46E-05
1885	625448.09	4265666.99	0.00045416	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05	1.44E-05
1886	625451.69	4265676.09	0.00044824	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05	1.42E-05
1887	624863.69	4265075.37	0.00076269	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.03E-05	1.18E-04	2.42E-05
1888	624853.78	4265075.23	0.00076062	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04	2.41E-05
1889	624843.87	4265075.09	0.00075824	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
1890	624833.96	4265074.96	0.00075548	2.60E-04	6.31E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
1891	624824.05	4265074.82	0.00075267	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04	2.39E-05
1892	624814.15	4265074.68	0.00074954	2.58E-04	6.27E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04	2.38E-05
1893	624804.24	4265074.54	0.00074607	2.57E-04	6.24E-04	1.92E-04	1.48E-04	4.92E-05	1.15E-04	2.37E-05
1894	624794.33	4265074.41	0.00074228	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.89E-05	1.15E-04	2.36E-05
1895	624784.42	4265074.27	0.00073812	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.86E-05	1.14E-04	2.34E-05
1896	624774.51	4265074.13	0.00073361	2.52E-04	6.13E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04	2.33E-05
1897	624764.6	4265073.99	0.00072873	2.51E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
1898	624754.69	4265073.86	0.00072351	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
1899	624744.78	4265073.72	0.00071788	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05
1900	624734.87	4265073.58	0.00071163	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
1901	624724.97	4265073.44	0.00070494	2.42E-04	5.89E-04	1.81E-04	1.40E-04	4.64E-05	1.09E-04	2.24E-05
1902	624715.06	4265073.31	0.00069794	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05
1903	624705.15	4265073.17	0.00069085	2.38E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
1904	624695.24	4265073.03	0.0006835	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
1905	624685.33	4265072.89	0.00067589	2.32E-04	5.65E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.15E-05
1906	624675.42	4265072.76	0.00066815	2.30E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
1907	624665.51	4265072.62	0.00066022	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.10E-05
1908	624655.6	4265072.48	0.00065225	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
1909	624645.7	4265072.34	0.0006443	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.24E-05	9.94E-05	2.04E-05
1910	624635.79	4265072.21	0.00063646	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.82E-05	2.02E-05
1911	624625.88	4265072.07	0.00062874	2.16E-04	5.26E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05	2.00E-05
1912	624615.97	4265071.93	0.00062122	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.59E-05	1.97E-05
1913	624606.06	4265071.8	0.00061399	2.11E-04	5.13E-04	1.58E-04	1.22E-04	4.05E-05	9.47E-05	1.95E-05
1914	624596.15	4265071.66	0.00060704	2.09E-04	5.07E-04	1.56E-04	1.20E-04	4.00E-05	9.37E-05	1.93E-05
1915	624586.24	4265071.52	0.00060027	2.06E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.26E-05	1.91E-05
1916	624576.33	4265071.38	0.00059381	2.04E-04	4.96E-04	1.53E-04	1.18E-04	3.91E-05	9.16E-05	1.88E-05
1917	624566.43	4265071.25	0.00058764	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.86E-05
1918	624556.52	4265071.11	0.0005817	2.00E-04	4.86E-04	1.50E-04	1.15E-04	3.83E-05	8.98E-05	1.85E-05
1919	624546.61	4265070.97	0.00057599	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.80E-05	8.89E-05	1.83E-05
1920	624536.7	4265070.83	0.00057045	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
1921	624526.79	4265070.7	0.00056517	1.94E-04	4.72E-04	1.46E-04	1.12E-04	3.72E-05	8.72E-05	1.79E-05

1922	624516.88	4265070.56	0.00056003	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05	1.78E-05
1923	624506.97	4265070.42	0.00055489	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.56E-05	1.76E-05
1924	624497.06	4265070.28	0.00054979	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
1925	624487.15	4265070.15	0.00054465	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.40E-05	1.73E-05
1926	624477.25	4265070.01	0.00053948	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.55E-05	8.32E-05	1.71E-05
1927	624467.34	4265069.87	0.0005342	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05	1.70E-05
1928	624457.43	4265069.73	0.00052889	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05	1.68E-05
1929	624447.52	4265069.6	0.0005235	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
1930	624437.61	4265069.46	0.00051804	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.41E-05	7.99E-05	1.64E-05
1931	624427.7	4265069.32	0.00051253	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.91E-05	1.63E-05
1932	624417.79	4265069.18	0.00050699	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
1933	624407.88	4265069.05	0.0005014	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.74E-05	1.59E-05
1934	624397.98	4265068.91	0.0004958	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.27E-05	7.65E-05	1.57E-05
1935	624388.07	4265068.77	0.00049017	1.69E-04	4.10E-04	1.26E-04	9.70E-05	3.23E-05	7.56E-05	1.56E-05
1936	624378.16	4265068.64	0.00048458	1.67E-04	4.05E-04	1.25E-04	9.59E-05	3.19E-05	7.48E-05	1.54E-05
1937	624368.25	4265068.5	0.00047898	1.65E-04	4.00E-04	1.23E-04	9.48E-05	3.16E-05	7.39E-05	1.52E-05
1938	624873.35	4265029.24	0.00069251	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
1939	624882.32	4265033.11	0.00069957	2.41E-04	5.85E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04	2.22E-05
1940	624891.3	4265036.98	0.0007064	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
1941	624900.27	4265040.85	0.000713	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04	2.26E-05
1942	624909.24	4265044.72	0.00071935	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
1943	624918.21	4265048.59	0.0007254	2.49E-04	6.06E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
1944	624927.18	4265052.46	0.00073126	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.82E-05	1.13E-04	2.32E-05
1945	624936.15	4265056.33	0.00073691	2.53E-04	6.16E-04	1.90E-04	1.46E-04	4.86E-05	1.14E-04	2.34E-05
1946	624945.12	4265060.2	0.00074219	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.89E-05	1.15E-04	2.36E-05
1947	624954.09	4265064.07	0.00074704	2.57E-04	6.24E-04	1.92E-04	1.48E-04	4.92E-05	1.15E-04	2.37E-05
1948	624963.06	4265067.94	0.00075146	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
1949	624972.03	4265071.81	0.00075554	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
1950	624981.01	4265075.67	0.00075915	2.61E-04	6.35E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
1951	624989.98	4265079.54	0.00076231	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
1952	624998.95	4265083.41	0.00076489	2.63E-04	6.39E-04	1.97E-04	1.51E-04	5.04E-05	1.18E-04	2.43E-05
1953	625007.92	4265087.28	0.00076696	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
1954	625016.89	4265091.15	0.00076845	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.19E-04	2.44E-05
1955	625025.86	4265095.02	0.00076934	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
1956	625034.83	4265098.89	0.00076963	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
1957	625043.8	4265102.76	0.00076929	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
1958	625052.77	4265106.63	0.00076848	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.19E-04	2.44E-05
1959	625061.75	4265110.5	0.00076693	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
1960	625070.72	4265114.37	0.00076478	2.63E-04	6.39E-04	1.97E-04	1.51E-04	5.04E-05	1.18E-04	2.43E-05
1961	625079.69	4265118.24	0.00076191	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
1962	625088.66	4265122.11	0.00075841	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
1963	625097.63	4265125.98	0.0007543	2.59E-04	6.30E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.39E-05
1964	625106.6	4265129.85	0.00074963	2.58E-04	6.27E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04	2.38E-05
1965	625115.57	4265133.72	0.00074435	2.56E-04	6.22E-04	1.92E-04	1.47E-04	4.90E-05	1.15E-04	2.36E-05
1966	625124.54	4265137.59	0.00073852	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04	2.34E-05
1967	625133.51	4265141.46	0.00073218	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.82E-05	1.13E-04	2.32E-05
1968	625142.48	4265145.32	0.00072532	2.49E-04	6.06E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
1969	625151.46	4265149.19	0.00071797	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05
1970	625160.43	4265153.06	0.00071022	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
1971	625169.4	4265156.93	0.0007021	2.41E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
1972	625178.37	4265160.8	0.00069363	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
1973	625187.34	4265164.67	0.00068488	2.36E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
1974	625196.31	4265168.54	0.00067587	2.32E-04	5.65E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05
1975	625205.28	4265172.41	0.00066668	2.29E-04	5.57E-04	1.72E-04	1.32E-04	4.39E-05	1.03E-04	2.12E-05
1976	625214.25	4265176.28	0.00065733	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.09E-05

1977	625223.22	4265180.15	0.00064774	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.27E-05	9.99E-05	2.06E-05
1978	625232.2	4265184.02	0.00063818	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.85E-05	2.03E-05
1979	625241.17	4265187.89	0.00062863	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05	2.00E-05
1980	625250.14	4265191.76	0.00061904	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
1981	625259.11	4265195.63	0.00060951	2.10E-04	5.09E-04	1.57E-04	1.21E-04	4.02E-05	9.41E-05	1.93E-05
1982	625268.08	4265199.5	0.00060007	2.06E-04	5.02E-04	1.54E-04	1.19E-04	3.95E-05	9.26E-05	1.90E-05
1983	625277.05	4265203.37	0.00059074	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.89E-05	9.12E-05	1.87E-05
1984	625286.02	4265207.24	0.0005815	2.00E-04	4.86E-04	1.50E-04	1.15E-04	3.83E-05	8.97E-05	1.85E-05
1985	625294.99	4265211.1	0.00057243	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05	1.82E-05
1986	625303.96	4265214.97	0.0005635	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
1987	625312.93	4265218.84	0.00055475	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.65E-05	8.56E-05	1.76E-05
1988	625325.5	4265231.8	0.00054516	1.87E-04	4.56E-04	1.40E-04	1.08E-04	3.59E-05	8.41E-05	1.73E-05
1989	625329.1	4265240.88	0.0005441	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.40E-05	1.73E-05
1990	625332.69	4265249.97	0.00054304	1.87E-04	4.54E-04	1.40E-04	1.07E-04	3.58E-05	8.38E-05	1.72E-05
1991	625336.29	4265259.05	0.00054189	1.86E-04	4.53E-04	1.40E-04	1.07E-04	3.57E-05	8.36E-05	1.72E-05
1992	625339.88	4265268.13	0.00054074	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.56E-05	8.34E-05	1.72E-05
1993	625343.48	4265277.22	0.00053954	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.55E-05	8.33E-05	1.71E-05
1994	625347.08	4265286.3	0.00053828	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05
1995	625350.67	4265295.39	0.00053698	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05
1996	625354.27	4265304.47	0.00053561	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05	1.70E-05
1997	625357.86	4265313.56	0.0005342	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05	1.70E-05
1998	625361.46	4265322.64	0.00053271	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05
1999	625365.05	4265331.72	0.00053116	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
2000	625368.65	4265340.81	0.00052955	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
2001	625372.24	4265349.89	0.00052786	1.82E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.15E-05	1.68E-05
2002	625375.84	4265358.98	0.00052611	1.81E-04	4.40E-04	1.35E-04	1.04E-04	3.47E-05	8.12E-05	1.67E-05
2003	625379.44	4265368.06	0.00052427	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.09E-05	1.66E-05
2004	625383.03	4265377.15	0.00052238	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
2005	625386.63	4265386.23	0.0005204	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
2006	625390.22	4265395.31	0.00051833	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.42E-05	8.00E-05	1.64E-05
2007	625393.82	4265404.4	0.00051618	1.78E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
2008	625397.41	4265413.48	0.00051394	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
2009	625401.01	4265422.57	0.00051159	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05	1.62E-05
2010	625404.6	4265431.65	0.00050917	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.35E-05	7.86E-05	1.62E-05
2011	625408.2	4265440.74	0.00050662	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
2012	625411.8	4265449.82	0.00050398	1.73E-04	4.21E-04	1.30E-04	9.98E-05	3.32E-05	7.78E-05	1.60E-05
2013	625415.39	4265458.9	0.00050125	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.73E-05	1.59E-05
2014	625418.99	4265467.99	0.00049841	1.71E-04	4.17E-04	1.28E-04	9.87E-05	3.28E-05	7.69E-05	1.58E-05
2015	625422.58	4265477.07	0.00049548	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.65E-05	1.57E-05
2016	625426.18	4265486.16	0.00049241	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05	1.56E-05
2017	625429.77	4265495.24	0.00048928	1.68E-04	4.09E-04	1.26E-04	9.68E-05	3.22E-05	7.55E-05	1.55E-05
2018	625433.37	4265504.32	0.00048601	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
2019	625436.97	4265513.41	0.00048266	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.45E-05	1.53E-05
2020	625440.56	4265522.49	0.00047921	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.39E-05	1.52E-05
2021	625444.16	4265531.58	0.00047562	1.64E-04	3.98E-04	1.22E-04	9.41E-05	3.13E-05	7.34E-05	1.51E-05
2022	625447.75	4265540.66	0.00047195	1.62E-04	3.94E-04	1.22E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
2023	625451.35	4265549.75	0.00046816	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
2024	625454.94	4265558.83	0.00046423	1.60E-04	3.88E-04	1.20E-04	9.19E-05	3.06E-05	7.16E-05	1.47E-05
2025	625458.54	4265567.91	0.00046021	1.58E-04	3.85E-04	1.18E-04	9.11E-05	3.03E-05	7.10E-05	1.46E-05
2026	625462.13	4265577	0.00045605	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.00E-05	7.04E-05	1.45E-05
2027	625465.73	4265586.08	0.00045172	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05	1.43E-05
2028	625469.33	4265595.17	0.00044718	1.54E-04	3.74E-04	1.15E-04	8.85E-05	2.95E-05	6.90E-05	1.42E-05
2029	625472.92	4265604.25	0.00044259	1.52E-04	3.70E-04	1.14E-04	8.76E-05	2.92E-05	6.83E-05	1.40E-05
2030	625476.52	4265613.34	0.00043782	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.88E-05	6.76E-05	1.39E-05
2031	625480.11	4265622.42	0.00043297	1.49E-04	3.62E-04	1.11E-04	8.57E-05	2.85E-05	6.68E-05	1.37E-05

2032	625483.71	4265631.5	0.00042801	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05	1.36E-05
2033	625487.3	4265640.59	0.00042296	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05	1.34E-05
2034	625490.9	4265649.67	0.00041779	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05	1.33E-05
2035	625494.5	4265658.76	0.00041271	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05	1.31E-05
2036	625498.09	4265667.84	0.00040772	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.69E-05	6.29E-05	1.29E-05
2037	625501.69	4265676.93	0.00040264	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
2038	624864.38	4265025.37	0.00068528	2.36E-04	5.73E-04	1.76E-04	1.36E-04	4.52E-05	1.06E-04	2.17E-05
2039	624854.47	4265025.24	0.00068281	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
2040	624844.56	4265025.1	0.00068009	2.34E-04	5.68E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04	2.16E-05
2041	624834.66	4265024.96	0.00067716	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
2042	624824.75	4265024.82	0.0006742	2.32E-04	5.64E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
2043	624814.84	4265024.69	0.00067107	2.31E-04	5.61E-04	1.73E-04	1.33E-04	4.42E-05	1.04E-04	2.13E-05
2044	624804.93	4265024.55	0.00066774	2.30E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
2045	624795.02	4265024.41	0.00066416	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.38E-05	1.02E-04	2.11E-05
2046	624785.11	4265024.27	0.00066037	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.10E-05
2047	624775.2	4265024.14	0.00065638	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
2048	624765.29	4265024	0.0006521	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
2049	624755.39	4265023.86	0.00064763	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.27E-05	9.99E-05	2.06E-05
2050	624745.48	4265023.72	0.00064289	2.21E-04	5.37E-04	1.66E-04	1.27E-04	4.24E-05	9.92E-05	2.04E-05
2051	624735.57	4265023.59	0.00063769	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05	2.02E-05
2052	624725.66	4265023.45	0.00063216	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.17E-05	9.75E-05	2.01E-05
2053	624715.75	4265023.31	0.00062636	2.15E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
2054	624705.84	4265023.17	0.00062056	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05	1.97E-05
2055	624695.93	4265023.04	0.00061459	2.11E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.48E-05	1.95E-05
2056	624686.02	4265022.9	0.00060839	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
2057	624676.12	4265022.76	0.00060205	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.97E-05	9.29E-05	1.91E-05
2058	624666.21	4265022.62	0.00059556	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.92E-05	9.19E-05	1.89E-05
2059	624656.3	4265022.49	0.00058902	2.03E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
2060	624646.39	4265022.35	0.00058242	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05	1.85E-05
2061	624636.48	4265022.21	0.00057585	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.89E-05	1.83E-05
2062	624626.57	4265022.07	0.00056936	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.79E-05	1.81E-05
2063	624616.66	4265021.94	0.00056282	1.94E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.79E-05
2064	624606.75	4265021.8	0.00055633	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.58E-05	1.77E-05
2065	624596.84	4265021.66	0.00055007	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.49E-05	1.75E-05
2066	624586.94	4265021.53	0.00054425	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.40E-05	1.73E-05
2067	624577.03	4265021.39	0.00053876	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05
2068	624567.12	4265021.25	0.00053348	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05	1.69E-05
2069	624557.21	4265021.11	0.00052846	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05	1.68E-05
2070	624547.3	4265020.98	0.00052361	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
2071	624537.39	4265020.84	0.0005189	1.78E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
2072	624527.48	4265020.7	0.00051434	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
2073	624517.57	4265020.56	0.00050983	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05	1.62E-05
2074	624507.67	4265020.43	0.00050541	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.60E-05
2075	624497.76	4265020.29	0.00050097	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.73E-05	1.59E-05
2076	624487.85	4265020.15	0.00049649	1.71E-04	4.15E-04	1.28E-04	9.83E-05	3.27E-05	7.66E-05	1.58E-05
2077	624477.94	4265020.01	0.00049198	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05	1.56E-05
2078	624468.03	4265019.88	0.00048745	1.68E-04	4.07E-04	1.26E-04	9.65E-05	3.21E-05	7.52E-05	1.55E-05
2079	624458.12	4265019.74	0.00048283	1.66E-04	4.04E-04	1.24E-04	9.56E-05	3.18E-05	7.45E-05	1.53E-05
2080	624448.21	4265019.6	0.00047818	1.64E-04	4.00E-04	1.23E-04	9.47E-05	3.15E-05	7.38E-05	1.52E-05
2081	624438.3	4265019.46	0.00047344	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.31E-05	1.50E-05
2082	624428.4	4265019.33	0.00046871	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.23E-05	1.49E-05
2083	624418.49	4265019.19	0.00046388	1.60E-04	3.88E-04	1.19E-04	9.18E-05	3.06E-05	7.16E-05	1.47E-05
2084	624408.58	4265019.05	0.00045903	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.02E-05	7.08E-05	1.46E-05
2085	624398.67	4265018.91	0.00045418	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05	1.44E-05
2086	624388.76	4265018.78	0.00044933	1.55E-04	3.76E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.43E-05

2087	624378.85	4265018.64	0.00044448	1.53E-04	3.72E-04	1.14E-04	8.80E-05	2.93E-05	6.86E-05	1.41E-05
2088	624368.94	4265018.5	0.00043966	1.51E-04	3.67E-04	1.13E-04	8.70E-05	2.90E-05	6.78E-05	1.40E-05
2089	624874.03	4264979.24	0.00062495	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05	1.98E-05
2090	624882.99	4264983.11	0.00063161	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.00E-05
2091	624891.95	4264986.97	0.00063813	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.85E-05	2.03E-05
2092	624900.91	4264990.83	0.00064453	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05	2.05E-05
2093	624909.87	4264994.7	0.00065072	2.24E-04	5.44E-04	1.68E-04	1.29E-04	4.29E-05	1.00E-04	2.07E-05
2094	624918.83	4264998.56	0.00065675	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.08E-05
2095	624927.79	4265002.43	0.00066266	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.10E-05
2096	624936.74	4265006.29	0.00066846	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
2097	624945.7	4265010.15	0.000674	2.32E-04	5.63E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
2098	624954.66	4265014.02	0.00067925	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.48E-05	1.05E-04	2.16E-05
2099	624963.62	4265017.88	0.00068407	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
2100	624972.58	4265021.75	0.00068861	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
2101	624981.54	4265025.61	0.0006928	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
2102	624990.49	4265029.47	0.00069662	2.40E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.07E-04	2.21E-05
2103	624999.45	4265033.34	0.00070003	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04	2.22E-05
2104	625008.41	4265037.2	0.00070302	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
2105	625017.37	4265041.07	0.00070551	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
2106	625026.33	4265044.93	0.00070755	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
2107	625035.29	4265048.79	0.00070904	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
2108	625044.25	4265052.66	0.00071002	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
2109	625053.2	4265056.52	0.00071057	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.26E-05
2110	625062.16	4265060.39	0.00071048	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
2111	625071.12	4265064.25	0.00070982	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
2112	625080.08	4265068.11	0.00070856	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
2113	625089.04	4265071.98	0.00070669	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
2114	625098	4265075.84	0.00070428	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
2115	625106.96	4265079.71	0.00070132	2.41E-04	5.86E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04	2.23E-05
2116	625115.91	4265083.57	0.00069782	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05
2117	625124.87	4265087.43	0.0006938	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
2118	625133.83	4265091.3	0.00068927	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
2119	625142.79	4265095.16	0.00068425	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
2120	625151.75	4265099.03	0.00067879	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
2121	625160.71	4265102.89	0.00067288	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.14E-05
2122	625169.66	4265106.75	0.00066657	2.29E-04	5.57E-04	1.72E-04	1.32E-04	4.39E-05	1.03E-04	2.12E-05
2123	625178.62	4265110.62	0.00065985	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
2124	625187.58	4265114.48	0.00065282	2.24E-04	5.46E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
2125	625196.54	4265118.35	0.00064544	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.96E-05	2.05E-05
2126	625205.5	4265122.21	0.00063784	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05	2.02E-05
2127	625214.46	4265126.07	0.00062997	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.72E-05	2.00E-05
2128	625223.42	4265129.94	0.00062194	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05	1.97E-05
2129	625232.37	4265133.8	0.00061373	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
2130	625241.33	4265137.67	0.00060538	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.34E-05	1.92E-05
2131	625250.29	4265141.53	0.00059694	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05	1.89E-05
2132	625259.25	4265145.39	0.00058839	2.02E-04	4.92E-04	1.51E-04	1.16E-04	3.88E-05	9.08E-05	1.87E-05
2133	625268.21	4265149.26	0.00057989	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05	1.84E-05
2134	625277.17	4265153.12	0.00057143	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.76E-05	8.82E-05	1.81E-05
2135	625286.13	4265156.99	0.00056299	1.94E-04	4.71E-04	1.45E-04	1.11E-04	3.71E-05	8.69E-05	1.79E-05
2136	625295.08	4265160.85	0.00055464	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.65E-05	8.56E-05	1.76E-05
2137	625304.04	4265164.71	0.00054637	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.43E-05	1.73E-05
2138	625313	4265168.58	0.00053825	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05
2139	625321.96	4265172.44	0.00053021	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
2140	625330.92	4265176.31	0.00052235	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
2141	625339.88	4265180.17	0.00051463	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05

2142	625348.83	4265184.03	0.00050711	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
2143	625361.38	4265196.97	0.0004989	1.72E-04	4.17E-04	1.28E-04	9.88E-05	3.29E-05	7.70E-05	1.58E-05
2144	625364.97	4265206.04	0.00049807	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05	1.58E-05
2145	625368.57	4265215.11	0.00049718	1.71E-04	4.16E-04	1.28E-04	9.84E-05	3.28E-05	7.67E-05	1.58E-05
2146	625372.16	4265224.18	0.00049632	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.66E-05	1.58E-05
2147	625375.75	4265233.26	0.0004954	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.64E-05	1.57E-05
2148	625379.34	4265242.33	0.00049448	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05	1.57E-05
2149	625382.93	4265251.4	0.0004935	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05	1.57E-05
2150	625386.52	4265260.47	0.0004925	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05	1.56E-05
2151	625390.11	4265269.54	0.00049147	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.58E-05	1.56E-05
2152	625393.7	4265278.61	0.00049035	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05	1.56E-05
2153	625397.29	4265287.68	0.00048923	1.68E-04	4.09E-04	1.26E-04	9.68E-05	3.22E-05	7.55E-05	1.55E-05
2154	625400.88	4265296.76	0.00048802	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.22E-05	7.53E-05	1.55E-05
2155	625404.47	4265305.83	0.00048676	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.21E-05	7.51E-05	1.54E-05
2156	625408.06	4265314.9	0.00048544	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05	1.54E-05
2157	625411.65	4265323.97	0.00048406	1.66E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05	1.54E-05
2158	625415.24	4265333.04	0.00048263	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.45E-05	1.53E-05
2159	625418.83	4265342.11	0.00048111	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05	1.53E-05
2160	625422.42	4265351.19	0.00047953	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.40E-05	1.52E-05
2161	625426.01	4265360.26	0.00047786	1.64E-04	3.99E-04	1.23E-04	9.46E-05	3.15E-05	7.37E-05	1.52E-05
2162	625429.6	4265369.33	0.00047614	1.64E-04	3.98E-04	1.23E-04	9.42E-05	3.14E-05	7.35E-05	1.51E-05
2163	625433.2	4265378.4	0.0004743	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.13E-05	7.32E-05	1.51E-05
2164	625436.79	4265387.47	0.00047232	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
2165	625440.38	4265396.54	0.0004702	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
2166	625443.97	4265405.61	0.00046799	1.61E-04	3.91E-04	1.20E-04	9.26E-05	3.08E-05	7.22E-05	1.49E-05
2167	625447.56	4265414.69	0.00046572	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
2168	625451.15	4265423.76	0.00046331	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05	1.47E-05
2169	625454.74	4265432.83	0.00046087	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05	1.46E-05
2170	625458.33	4265441.9	0.00045829	1.58E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05	1.45E-05
2171	625461.92	4265450.97	0.00045585	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
2172	625465.51	4265460.04	0.00045347	1.56E-04	3.79E-04	1.17E-04	8.98E-05	2.99E-05	7.00E-05	1.44E-05
2173	625469.1	4265469.12	0.00045094	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05	1.43E-05
2174	625472.69	4265478.19	0.00044821	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05	1.42E-05
2175	625476.28	4265487.26	0.00044523	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05	1.41E-05
2176	625479.87	4265496.33	0.00044213	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
2177	625483.46	4265505.4	0.000439	1.51E-04	3.67E-04	1.13E-04	8.69E-05	2.89E-05	6.77E-05	1.39E-05
2178	625487.05	4265514.47	0.00043576	1.50E-04	3.64E-04	1.12E-04	8.63E-05	2.87E-05	6.72E-05	1.38E-05
2179	625490.64	4265523.55	0.00043249	1.49E-04	3.61E-04	1.11E-04	8.56E-05	2.85E-05	6.67E-05	1.37E-05
2180	625494.24	4265532.62	0.00042901	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05	1.36E-05
2181	625497.83	4265541.69	0.00042546	1.46E-04	3.56E-04	1.10E-04	8.42E-05	2.80E-05	6.57E-05	1.35E-05
2182	625501.42	4265550.76	0.00042187	1.45E-04	3.53E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
2183	625505.01	4265559.83	0.00041814	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.45E-05	1.33E-05
2184	625508.6	4265568.9	0.00041432	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
2185	625512.19	4265577.97	0.00041044	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05	1.30E-05
2186	625515.78	4265587.05	0.00040643	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
2187	625519.37	4265596.12	0.00040238	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
2188	625522.96	4265605.19	0.00039859	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.26E-05
2189	625526.55	4265614.26	0.00039472	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05	1.25E-05
2190	625530.14	4265623.33	0.0003907	1.34E-04	3.27E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
2191	625533.73	4265632.4	0.00038628	1.33E-04	3.23E-04	9.95E-05	7.65E-05	2.55E-05	5.96E-05	1.23E-05
2192	625537.32	4265641.48	0.00038177	1.31E-04	3.19E-04	9.83E-05	7.56E-05	2.52E-05	5.89E-05	1.21E-05
2193	625540.91	4265650.55	0.00037712	1.30E-04	3.15E-04	9.71E-05	7.46E-05	2.48E-05	5.82E-05	1.20E-05
2194	625544.5	4265659.62	0.00037245	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
2195	625548.09	4265668.69	0.00036774	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.67E-05	1.17E-05
2196	625551.68	4265677.76	0.00036297	1.25E-04	3.03E-04	9.35E-05	7.18E-05	2.39E-05	5.60E-05	1.15E-05

2197	624865.08	4264975.38	0.00061824	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05	1.96E-05
2198	624855.17	4264975.24	0.00061577	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.50E-05	1.95E-05
2199	624845.26	4264975.1	0.00061313	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05	1.95E-05
2200	624835.35	4264974.97	0.0006104	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
2201	624825.44	4264974.83	0.00060744	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.37E-05	1.93E-05
2202	624815.53	4264974.69	0.00060437	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.33E-05	1.92E-05
2203	624805.62	4264974.55	0.00060116	2.07E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05	1.91E-05
2204	624795.71	4264974.42	0.00059792	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.23E-05	1.90E-05
2205	624785.81	4264974.28	0.00059462	2.04E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.18E-05	1.89E-05
2206	624775.9	4264974.14	0.00059114	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.89E-05	9.12E-05	1.88E-05
2207	624765.99	4264974	0.00058753	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.86E-05
2208	624756.08	4264973.87	0.0005838	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05	1.85E-05
2209	624746.17	4264973.73	0.00057986	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05	1.84E-05
2210	624736.26	4264973.59	0.00057559	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.88E-05	1.83E-05
2211	624726.35	4264973.45	0.00057108	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.81E-05	1.81E-05
2212	624716.44	4264973.32	0.00056635	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.74E-05	1.80E-05
2213	624706.53	4264973.18	0.00056164	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05	1.78E-05
2214	624696.63	4264973.04	0.00055682	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.59E-05	1.77E-05
2215	624686.72	4264972.9	0.00055182	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.64E-05	8.51E-05	1.75E-05
2216	624676.81	4264972.77	0.00054671	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.44E-05	1.74E-05
2217	624666.9	4264972.63	0.00054143	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.35E-05	1.72E-05
2218	624656.99	4264972.49	0.00053607	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
2219	624647.08	4264972.35	0.00053064	1.82E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
2220	624637.17	4264972.22	0.00052522	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05
2221	624627.26	4264972.08	0.00051979	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.02E-05	1.65E-05
2222	624617.36	4264971.94	0.00051425	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
2223	624607.45	4264971.8	0.00050871	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05	1.61E-05
2224	624597.54	4264971.67	0.00050332	1.73E-04	4.21E-04	1.30E-04	9.96E-05	3.32E-05	7.77E-05	1.60E-05
2225	624587.63	4264971.53	0.00049821	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05	1.58E-05
2226	624577.72	4264971.39	0.00049336	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05	1.57E-05
2227	624567.81	4264971.26	0.00048868	1.68E-04	4.08E-04	1.26E-04	9.67E-05	3.22E-05	7.54E-05	1.55E-05
2228	624557.9	4264971.12	0.00048418	1.66E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05	1.54E-05
2229	624547.99	4264970.98	0.00047978	1.65E-04	4.01E-04	1.24E-04	9.50E-05	3.16E-05	7.40E-05	1.52E-05
2230	624538.09	4264970.84	0.00047554	1.64E-04	3.97E-04	1.22E-04	9.41E-05	3.13E-05	7.34E-05	1.51E-05
2231	624528.18	4264970.71	0.0004714	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.27E-05	1.50E-05
2232	624518.27	4264970.57	0.00046733	1.61E-04	3.91E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05	1.48E-05
2233	624508.36	4264970.43	0.00046331	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05	1.47E-05
2234	624498.45	4264970.29	0.00045932	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05	1.46E-05
2235	624488.54	4264970.16	0.00045533	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05	1.45E-05
2236	624478.63	4264970.02	0.00045131	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05	1.43E-05
2237	624468.72	4264969.88	0.00044727	1.54E-04	3.74E-04	1.15E-04	8.85E-05	2.95E-05	6.90E-05	1.42E-05
2238	624458.81	4264969.74	0.00044319	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05	1.41E-05
2239	624448.91	4264969.61	0.00043909	1.51E-04	3.67E-04	1.13E-04	8.69E-05	2.89E-05	6.78E-05	1.39E-05
2240	624439	4264969.47	0.00043495	1.50E-04	3.64E-04	1.12E-04	8.61E-05	2.87E-05	6.71E-05	1.38E-05
2241	624429.09	4264969.33	0.00043076	1.48E-04	3.60E-04	1.11E-04	8.53E-05	2.84E-05	6.65E-05	1.37E-05
2242	624419.18	4264969.19	0.00042652	1.47E-04	3.57E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05	1.35E-05
2243	624409.27	4264969.06	0.0004223	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
2244	624399.36	4264968.92	0.00041802	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05	1.33E-05
2245	624389.45	4264968.78	0.00041375	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.38E-05	1.31E-05
2246	624379.54	4264968.64	0.0004095	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05	1.30E-05
2247	624369.64	4264968.51	0.00040528	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05	1.29E-05
2248	624875.54	4264879.3	0.00051555	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
2249	624884.63	4264883.22	0.00052129	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
2250	624893.71	4264887.14	0.00052705	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.13E-05	1.67E-05
2251	624902.79	4264891.06	0.00053265	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05

2252	624911.87	4264894.97	0.00053822	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05
2253	624920.96	4264898.89	0.00054379	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05	1.73E-05
2254	624930.04	4264902.81	0.0005493	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
2255	624939.12	4264906.73	0.00055472	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.65E-05	8.56E-05	1.76E-05
2256	624948.2	4264910.64	0.00056003	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05	1.78E-05
2257	624957.29	4264914.56	0.00056525	1.94E-04	4.72E-04	1.46E-04	1.12E-04	3.72E-05	8.72E-05	1.79E-05
2258	624966.37	4264918.48	0.00057036	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
2259	624975.45	4264922.4	0.0005753	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.88E-05	1.83E-05
2260	624984.53	4264926.31	0.00058006	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05	1.84E-05
2261	624993.62	4264930.23	0.0005846	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.85E-05	9.02E-05	1.86E-05
2262	625002.7	4264934.15	0.00058893	2.03E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
2263	625011.78	4264938.07	0.00059301	2.04E-04	4.96E-04	1.53E-04	1.17E-04	3.91E-05	9.15E-05	1.88E-05
2264	625020.86	4264941.98	0.00059677	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05	1.89E-05
2265	625029.94	4264945.9	0.00060027	2.06E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.26E-05	1.91E-05
2266	625039.03	4264949.82	0.00060343	2.08E-04	5.04E-04	1.55E-04	1.19E-04	3.98E-05	9.31E-05	1.92E-05
2267	625048.11	4264953.74	0.00060615	2.08E-04	5.07E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05	1.92E-05
2268	625057.19	4264957.65	0.00060848	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
2269	625066.27	4264961.57	0.00061034	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
2270	625075.36	4264965.49	0.00061172	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05
2271	625084.44	4264969.41	0.00061264	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.45E-05	1.94E-05
2272	625093.52	4264973.32	0.00061307	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05	1.95E-05
2273	625102.6	4264977.24	0.00061304	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05	1.95E-05
2274	625111.69	4264981.16	0.00061252	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.45E-05	1.94E-05
2275	625120.77	4264985.07	0.00061152	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05
2276	625129.85	4264988.99	0.00061006	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.41E-05	1.94E-05
2277	625138.93	4264992.91	0.0006081	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05	1.93E-05
2278	625148.02	4264996.83	0.00060572	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05	1.92E-05
2279	625157.1	4265000.74	0.00060291	2.07E-04	5.04E-04	1.55E-04	1.19E-04	3.97E-05	9.30E-05	1.91E-05
2280	625166.18	4265004.66	0.00059967	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.25E-05	1.90E-05
2281	625175.26	4265008.58	0.00059599	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.93E-05	9.20E-05	1.89E-05
2282	625184.34	4265012.5	0.00059195	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
2283	625193.43	4265016.41	0.00058753	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.86E-05
2284	625202.51	4265020.33	0.00058276	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05	1.85E-05
2285	625211.59	4265024.25	0.00057765	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.81E-05	8.91E-05	1.83E-05
2286	625220.67	4265028.17	0.00057223	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05	1.82E-05
2287	625229.76	4265032.08	0.00056652	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.73E-05	8.74E-05	1.80E-05
2288	625238.84	4265036	0.00056058	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05	1.78E-05
2289	625247.92	4265039.92	0.00055441	1.91E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.55E-05	1.76E-05
2290	625257	4265043.84	0.00054806	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.46E-05	1.74E-05
2291	625266.09	4265047.75	0.00054152	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.36E-05	1.72E-05
2292	625275.17	4265051.67	0.00053486	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05	1.70E-05
2293	625284.25	4265055.59	0.000528	1.82E-04	4.41E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05	1.68E-05
2294	625293.33	4265059.51	0.00052114	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
2295	625302.42	4265063.42	0.00051423	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
2296	625311.5	4265067.34	0.00050728	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
2297	625320.58	4265071.26	0.00050036	1.72E-04	4.18E-04	1.29E-04	9.90E-05	3.30E-05	7.72E-05	1.59E-05
2298	625329.66	4265075.18	0.00049345	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05	1.57E-05
2299	625338.74	4265079.09	0.00048659	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.21E-05	7.51E-05	1.54E-05
2300	625347.83	4265083.01	0.0004797	1.65E-04	4.01E-04	1.24E-04	9.50E-05	3.16E-05	7.40E-05	1.52E-05
2301	625356.91	4265086.93	0.00047275	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.11E-05	7.29E-05	1.50E-05
2302	625365.99	4265090.85	0.00046595	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
2303	625375.07	4265094.76	0.00045921	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05	1.46E-05
2304	625384.16	4265098.68	0.00045284	1.56E-04	3.79E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05	1.44E-05
2305	625393.24	4265102.6	0.00044664	1.54E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05	1.42E-05
2306	625402.32	4265106.52	0.00044058	1.52E-04	3.68E-04	1.13E-04	8.72E-05	2.90E-05	6.80E-05	1.40E-05

2307	625411.4	4265110.43	0.00043467	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.71E-05	1.38E-05
2308	625420.49	4265114.35	0.00042893	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05	1.36E-05
2309	625433.21	4265127.46	0.00042279	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.79E-05	6.52E-05	1.34E-05
2310	625436.85	4265136.66	0.00042213	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.51E-05	1.34E-05
2311	625440.49	4265145.86	0.00042147	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.50E-05	1.34E-05
2312	625444.13	4265155.06	0.00042089	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05	1.34E-05
2313	625447.77	4265164.25	0.00042049	1.45E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.49E-05	1.33E-05
2314	625451.41	4265173.45	0.00042017	1.44E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.48E-05	1.33E-05
2315	625455.05	4265182.65	0.00041969	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05	1.33E-05
2316	625458.69	4265191.84	0.00041911	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
2317	625462.33	4265201.04	0.00041854	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.46E-05	1.33E-05
2318	625465.97	4265210.24	0.00041791	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05	1.33E-05
2319	625469.61	4265219.43	0.00041725	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
2320	625473.25	4265228.63	0.00041653	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.43E-05	1.32E-05
2321	625476.89	4265237.83	0.00041575	1.43E-04	3.48E-04	1.07E-04	8.23E-05	2.74E-05	6.42E-05	1.32E-05
2322	625480.53	4265247.02	0.00041495	1.43E-04	3.47E-04	1.07E-04	8.21E-05	2.73E-05	6.40E-05	1.32E-05
2323	625484.17	4265256.22	0.00041409	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
2324	625487.81	4265265.42	0.00041317	1.42E-04	3.45E-04	1.06E-04	8.18E-05	2.72E-05	6.38E-05	1.31E-05
2325	625491.45	4265274.62	0.00041217	1.42E-04	3.45E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05	1.31E-05
2326	625495.09	4265283.81	0.00041113	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.34E-05	1.30E-05
2327	625498.73	4265293.01	0.00041001	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05	1.30E-05
2328	625502.37	4265302.21	0.00040884	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05	1.30E-05
2329	625506.01	4265311.4	0.00040757	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.69E-05	6.29E-05	1.29E-05
2330	625509.65	4265320.6	0.00040628	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
2331	625513.29	4265329.8	0.00040488	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.25E-05	1.28E-05
2332	625516.93	4265338.99	0.00040341	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.22E-05	1.28E-05
2333	625520.57	4265348.19	0.00040186	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05	1.28E-05
2334	625524.21	4265357.39	0.00040026	1.38E-04	3.35E-04	1.03E-04	7.92E-05	2.64E-05	6.18E-05	1.27E-05
2335	625527.85	4265366.59	0.00039856	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.26E-05
2336	625531.49	4265375.78	0.00039678	1.36E-04	3.32E-04	1.02E-04	7.85E-05	2.61E-05	6.12E-05	1.26E-05
2337	625535.13	4265384.98	0.00039492	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.09E-05	1.25E-05
2338	625538.77	4265394.18	0.00039299	1.35E-04	3.28E-04	1.01E-04	7.78E-05	2.59E-05	6.06E-05	1.25E-05
2339	625542.41	4265403.37	0.00039099	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.03E-05	1.24E-05
2340	625546.06	4265412.57	0.00038892	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.00E-05	1.23E-05
2341	625549.7	4265421.77	0.00038677	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
2342	625553.34	4265430.96	0.00038456	1.32E-04	3.21E-04	9.90E-05	7.61E-05	2.53E-05	5.93E-05	1.22E-05
2343	625556.98	4265440.16	0.00038217	1.31E-04	3.19E-04	9.84E-05	7.56E-05	2.52E-05	5.90E-05	1.21E-05
2344	625560.62	4265449.36	0.00037956	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
2345	625564.26	4265458.56	0.00037684	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.81E-05	1.20E-05
2346	625567.9	4265467.75	0.00037414	1.29E-04	3.13E-04	9.63E-05	7.41E-05	2.47E-05	5.77E-05	1.19E-05
2347	625571.54	4265476.95	0.00037153	1.28E-04	3.11E-04	9.57E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
2348	625575.18	4265486.15	0.00036903	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
2349	625578.82	4265495.34	0.0003665	1.26E-04	3.06E-04	9.44E-05	7.25E-05	2.41E-05	5.66E-05	1.16E-05
2350	625582.46	4265504.54	0.00036392	1.25E-04	3.04E-04	9.37E-05	7.20E-05	2.40E-05	5.62E-05	1.15E-05
2351	625586.1	4265513.74	0.00036088	1.24E-04	3.02E-04	9.29E-05	7.14E-05	2.38E-05	5.57E-05	1.15E-05
2352	625589.74	4265522.93	0.00035772	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05	1.14E-05
2353	625593.38	4265532.13	0.00035451	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05	1.13E-05
2354	625597.02	4265541.33	0.00035132	1.21E-04	2.94E-04	9.05E-05	6.95E-05	2.31E-05	5.42E-05	1.11E-05
2355	625600.66	4265550.52	0.00034825	1.20E-04	2.91E-04	8.97E-05	6.89E-05	2.29E-05	5.37E-05	1.11E-05
2356	625604.3	4265559.72	0.00034518	1.19E-04	2.89E-04	8.89E-05	6.83E-05	2.27E-05	5.33E-05	1.10E-05
2357	625607.94	4265568.92	0.00034217	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
2358	625611.58	4265578.12	0.00033912	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
2359	625615.22	4265587.31	0.00033597	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.18E-05	1.07E-05
2360	625618.86	4265596.51	0.00033275	1.14E-04	2.78E-04	8.57E-05	6.59E-05	2.19E-05	5.13E-05	1.06E-05
2361	625622.5	4265605.71	0.00032945	1.13E-04	2.75E-04	8.48E-05	6.52E-05	2.17E-05	5.08E-05	1.05E-05

2362	625626.14	4265614.9	0.00032609	1.12E-04	2.73E-04	8.40E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
2363	625629.78	4265624.1	0.00032262	1.11E-04	2.70E-04	8.31E-05	6.39E-05	2.13E-05	4.98E-05	1.02E-05
2364	625633.42	4265633.3	0.00031921	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05	1.01E-05
2365	625637.06	4265642.49	0.00031565	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
2366	625640.7	4265651.69	0.00031197	1.07E-04	2.61E-04	8.03E-05	6.18E-05	2.06E-05	4.81E-05	9.90E-06
2367	625644.34	4265660.89	0.00030836	1.06E-04	2.58E-04	7.94E-05	6.10E-05	2.03E-05	4.76E-05	9.79E-06
2368	625647.98	4265670.09	0.00030486	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05	9.67E-06
2369	625651.62	4265679.28	0.00030124	1.04E-04	2.52E-04	7.76E-05	5.96E-05	1.98E-05	4.65E-05	9.56E-06
2370	624866.46	4264875.39	0.00050981	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05	1.62E-05
2371	624856.55	4264875.25	0.00050757	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
2372	624846.64	4264875.11	0.00050533	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.60E-05
2373	624836.74	4264874.97	0.00050309	1.73E-04	4.21E-04	1.30E-04	9.96E-05	3.31E-05	7.76E-05	1.60E-05
2374	624826.83	4264874.84	0.00050071	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05	1.59E-05
2375	624816.92	4264874.7	0.00049824	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05	1.58E-05
2376	624807.01	4264874.56	0.00049574	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.27E-05	7.65E-05	1.57E-05
2377	624797.1	4264874.43	0.0004933	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.57E-05
2378	624787.19	4264874.29	0.00049095	1.69E-04	4.10E-04	1.26E-04	9.72E-05	3.23E-05	7.58E-05	1.56E-05
2379	624777.28	4264874.15	0.00048851	1.68E-04	4.08E-04	1.26E-04	9.67E-05	3.22E-05	7.54E-05	1.55E-05
2380	624767.37	4264874.01	0.00048596	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
2381	624757.47	4264873.88	0.00048323	1.66E-04	4.04E-04	1.24E-04	9.56E-05	3.18E-05	7.46E-05	1.53E-05
2382	624747.56	4264873.74	0.00048045	1.65E-04	4.02E-04	1.24E-04	9.51E-05	3.17E-05	7.41E-05	1.52E-05
2383	624737.65	4264873.6	0.00047769	1.64E-04	3.99E-04	1.23E-04	9.46E-05	3.15E-05	7.37E-05	1.52E-05
2384	624727.74	4264873.46	0.00047493	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.33E-05	1.51E-05
2385	624717.83	4264873.33	0.00047212	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
2386	624707.92	4264873.19	0.00046917	1.61E-04	3.92E-04	1.21E-04	9.29E-05	3.09E-05	7.24E-05	1.49E-05
2387	624698.01	4264873.05	0.00046609	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.19E-05	1.48E-05
2388	624688.1	4264872.91	0.00046294	1.59E-04	3.87E-04	1.19E-04	9.16E-05	3.05E-05	7.14E-05	1.47E-05
2389	624678.19	4264872.78	0.00045967	1.58E-04	3.84E-04	1.18E-04	9.10E-05	3.03E-05	7.09E-05	1.46E-05
2390	624668.29	4264872.64	0.00045628	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.01E-05	7.04E-05	1.45E-05
2391	624658.38	4264872.5	0.00045278	1.56E-04	3.78E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05	1.44E-05
2392	624648.47	4264872.36	0.00044919	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.43E-05
2393	624638.56	4264872.23	0.00044555	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05	1.41E-05
2394	624628.65	4264872.09	0.00044181	1.52E-04	3.69E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
2395	624618.74	4264871.95	0.00043803	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05	1.39E-05
2396	624608.83	4264871.81	0.00043421	1.49E-04	3.63E-04	1.12E-04	8.59E-05	2.86E-05	6.70E-05	1.38E-05
2397	624598.92	4264871.68	0.00043036	1.48E-04	3.60E-04	1.11E-04	8.52E-05	2.84E-05	6.64E-05	1.37E-05
2398	624589.02	4264871.54	0.00042643	1.47E-04	3.56E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05	1.35E-05
2399	624579.11	4264871.4	0.00042238	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
2400	624569.2	4264871.26	0.00041837	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.46E-05	1.33E-05
2401	624559.29	4264871.13	0.00041443	1.43E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.32E-05
2402	624549.38	4264870.99	0.0004107	1.41E-04	3.43E-04	1.06E-04	8.13E-05	2.71E-05	6.34E-05	1.30E-05
2403	624539.47	4264870.85	0.000407	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05	1.29E-05
2404	624529.56	4264870.72	0.00040336	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
2405	624519.65	4264870.58	0.00039977	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.17E-05	1.27E-05
2406	624509.75	4264870.44	0.00039621	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05	1.26E-05
2407	624499.84	4264870.3	0.00039271	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05	1.25E-05
2408	624489.93	4264870.17	0.00038924	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.01E-05	1.24E-05
2409	624480.02	4264870.03	0.00038576	1.33E-04	3.22E-04	9.93E-05	7.64E-05	2.54E-05	5.95E-05	1.22E-05
2410	624470.11	4264869.89	0.00038235	1.31E-04	3.20E-04	9.84E-05	7.57E-05	2.52E-05	5.90E-05	1.21E-05
2411	624460.2	4264869.75	0.00037893	1.30E-04	3.17E-04	9.76E-05	7.50E-05	2.50E-05	5.85E-05	1.20E-05
2412	624450.29	4264869.62	0.00037555	1.29E-04	3.14E-04	9.67E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
2413	624440.38	4264869.48	0.00037216	1.28E-04	3.11E-04	9.58E-05	7.37E-05	2.45E-05	5.74E-05	1.18E-05
2414	624430.47	4264869.34	0.00036874	1.27E-04	3.08E-04	9.49E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
2415	624420.57	4264869.2	0.00036536	1.26E-04	3.05E-04	9.41E-05	7.23E-05	2.41E-05	5.64E-05	1.16E-05
2416	624410.66	4264869.07	0.00036194	1.24E-04	3.03E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05

2417	624400.75	4264868.93	0.00035853	1.23E-04	3.00E-04	9.23E-05	7.10E-05	2.36E-05	5.53E-05	1.14E-05
2418	624390.84	4264868.79	0.00035514	1.22E-04	2.97E-04	9.14E-05	7.03E-05	2.34E-05	5.48E-05	1.13E-05
2419	624380.93	4264868.65	0.00035172	1.21E-04	2.94E-04	9.06E-05	6.96E-05	2.32E-05	5.43E-05	1.12E-05
2420	624371.02	4264868.52	0.00034834	1.20E-04	2.91E-04	8.97E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
2421	624876.9	4264779.3	0.00043231	1.49E-04	3.61E-04	1.11E-04	8.56E-05	2.85E-05	6.67E-05	1.37E-05
2422	624885.95	4264783.2	0.00043671	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.88E-05	6.74E-05	1.39E-05
2423	624895	4264787.11	0.00044118	1.52E-04	3.69E-04	1.14E-04	8.73E-05	2.91E-05	6.81E-05	1.40E-05
2424	624904.05	4264791.01	0.00044586	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.41E-05
2425	624913.1	4264794.91	0.00045054	1.55E-04	3.77E-04	1.16E-04	8.92E-05	2.97E-05	6.95E-05	1.43E-05
2426	624922.15	4264798.82	0.00045525	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.02E-05	1.44E-05
2427	624931.2	4264802.72	0.00045992	1.58E-04	3.84E-04	1.18E-04	9.10E-05	3.03E-05	7.10E-05	1.46E-05
2428	624940.25	4264806.62	0.00046457	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.47E-05
2429	624949.3	4264810.53	0.00046928	1.61E-04	3.92E-04	1.21E-04	9.29E-05	3.09E-05	7.24E-05	1.49E-05
2430	624958.35	4264814.43	0.00047396	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05	1.50E-05
2431	624967.4	4264818.33	0.00047864	1.65E-04	4.00E-04	1.23E-04	9.47E-05	3.15E-05	7.39E-05	1.52E-05
2432	624976.45	4264822.24	0.00048329	1.66E-04	4.04E-04	1.24E-04	9.57E-05	3.18E-05	7.46E-05	1.53E-05
2433	624985.5	4264826.14	0.00048791	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.21E-05	7.53E-05	1.55E-05
2434	624994.55	4264830.04	0.00049244	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05	1.56E-05
2435	625003.6	4264833.95	0.00049689	1.71E-04	4.15E-04	1.28E-04	9.84E-05	3.27E-05	7.67E-05	1.58E-05
2436	625012.65	4264837.85	0.00050122	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.73E-05	1.59E-05
2437	625021.7	4264841.75	0.00050544	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.60E-05
2438	625030.75	4264845.66	0.00050949	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.86E-05	1.62E-05
2439	625039.8	4264849.56	0.00051334	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.92E-05	1.63E-05
2440	625048.85	4264853.47	0.00051704	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.41E-05	7.98E-05	1.64E-05
2441	625057.9	4264857.37	0.00052051	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
2442	625066.95	4264861.27	0.0005237	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
2443	625076	4264865.18	0.00052654	1.81E-04	4.40E-04	1.36E-04	1.04E-04	3.47E-05	8.12E-05	1.67E-05
2444	625085.05	4264869.08	0.00052903	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.16E-05	1.68E-05
2445	625094.1	4264872.98	0.00053119	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
2446	625103.15	4264876.89	0.00053297	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05
2447	625112.2	4264880.79	0.0005344	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05	1.70E-05
2448	625121.25	4264884.69	0.00053541	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05	1.70E-05
2449	625130.3	4264888.6	0.00053604	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
2450	625139.35	4264892.5	0.00053627	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
2451	625148.4	4264896.4	0.0005361	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
2452	625157.45	4264900.31	0.00053555	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05	1.70E-05
2453	625166.5	4264904.21	0.0005346	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05	1.70E-05
2454	625175.55	4264908.11	0.00053331	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05	1.69E-05
2455	625184.6	4264912.02	0.00053162	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
2456	625193.65	4264915.92	0.00052949	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
2457	625202.7	4264919.82	0.00052708	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.13E-05	1.67E-05
2458	625211.75	4264923.73	0.00052433	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.09E-05	1.66E-05
2459	625220.8	4264927.63	0.00052123	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
2460	625229.85	4264931.53	0.00051784	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.41E-05	7.99E-05	1.64E-05
2461	625238.9	4264935.44	0.00051414	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
2462	625247.95	4264939.34	0.00051015	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05	1.62E-05
2463	625257	4264943.24	0.0005059	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.81E-05	1.61E-05
2464	625266.05	4264947.15	0.0005014	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.74E-05	1.59E-05
2465	625275.09	4264951.05	0.00049669	1.71E-04	4.15E-04	1.28E-04	9.83E-05	3.27E-05	7.66E-05	1.58E-05
2466	625284.14	4264954.95	0.00049175	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.59E-05	1.56E-05
2467	625293.19	4264958.86	0.00048664	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.21E-05	7.51E-05	1.54E-05
2468	625302.24	4264962.76	0.00048136	1.66E-04	4.02E-04	1.24E-04	9.53E-05	3.17E-05	7.43E-05	1.53E-05
2469	625311.29	4264966.66	0.00047594	1.64E-04	3.98E-04	1.23E-04	9.42E-05	3.14E-05	7.34E-05	1.51E-05
2470	625320.34	4264970.57	0.00047043	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
2471	625329.39	4264974.47	0.0004648	1.60E-04	3.89E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.48E-05

2472	625338.44	4264978.38	0.00045912	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.08E-05	1.46E-05
2473	625347.49	4264982.28	0.00045332	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.99E-05	6.99E-05	1.44E-05
2474	625356.54	4264986.18	0.00044741	1.54E-04	3.74E-04	1.15E-04	8.86E-05	2.95E-05	6.90E-05	1.42E-05
2475	625365.59	4264990.09	0.0004415	1.52E-04	3.69E-04	1.14E-04	8.74E-05	2.91E-05	6.81E-05	1.40E-05
2476	625374.64	4264993.99	0.00043553	1.50E-04	3.64E-04	1.12E-04	8.62E-05	2.87E-05	6.72E-05	1.38E-05
2477	625383.69	4264997.89	0.00042985	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.63E-05	1.36E-05
2478	625392.74	4265001.8	0.00042419	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.79E-05	6.55E-05	1.35E-05
2479	625401.79	4265005.7	0.00041865	1.44E-04	3.50E-04	1.08E-04	8.29E-05	2.76E-05	6.46E-05	1.33E-05
2480	625410.84	4265009.6	0.00041291	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05	1.31E-05
2481	625419.89	4265013.51	0.00040723	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05	1.29E-05
2482	625428.94	4265017.41	0.00040163	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05	1.27E-05
2483	625437.99	4265021.31	0.0003963	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.12E-05	1.26E-05
2484	625447.04	4265025.22	0.00039127	1.35E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.04E-05	1.24E-05
2485	625456.09	4265029.12	0.00038637	1.33E-04	3.23E-04	9.95E-05	7.65E-05	2.55E-05	5.96E-05	1.23E-05
2486	625465.14	4265033.02	0.00038154	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.89E-05	1.21E-05
2487	625474.19	4265036.93	0.00037669	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.81E-05	1.20E-05
2488	625483.24	4265040.83	0.00037207	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
2489	625492.29	4265044.73	0.00036771	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.67E-05	1.17E-05
2490	625504.97	4265057.8	0.00036309	1.25E-04	3.03E-04	9.35E-05	7.19E-05	2.39E-05	5.60E-05	1.15E-05
2491	625508.6	4265066.97	0.00036269	1.25E-04	3.03E-04	9.34E-05	7.18E-05	2.39E-05	5.60E-05	1.15E-05
2492	625512.22	4265076.13	0.00036229	1.25E-04	3.03E-04	9.33E-05	7.17E-05	2.39E-05	5.59E-05	1.15E-05
2493	625515.85	4265085.29	0.00036191	1.24E-04	3.03E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05
2494	625519.48	4265094.46	0.00036183	1.24E-04	3.02E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05
2495	625523.11	4265103.62	0.00036185	1.24E-04	3.02E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05
2496	625526.73	4265112.79	0.00036191	1.24E-04	3.03E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05
2497	625530.36	4265121.95	0.00036165	1.24E-04	3.02E-04	9.31E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05
2498	625533.99	4265131.11	0.0003614	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.58E-05	1.15E-05
2499	625537.62	4265140.28	0.00036122	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.57E-05	1.15E-05
2500	625541.24	4265149.44	0.00036099	1.24E-04	3.02E-04	9.29E-05	7.15E-05	2.38E-05	5.57E-05	1.15E-05
2501	625544.87	4265158.61	0.00036062	1.24E-04	3.01E-04	9.28E-05	7.14E-05	2.38E-05	5.56E-05	1.14E-05
2502	625548.5	4265167.77	0.00036022	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.56E-05	1.14E-05
2503	625552.12	4265176.93	0.00035979	1.24E-04	3.01E-04	9.26E-05	7.12E-05	2.37E-05	5.55E-05	1.14E-05
2504	625555.75	4265186.1	0.00035919	1.24E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05	1.14E-05
2505	625559.38	4265195.26	0.00035844	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
2506	625563.01	4265204.43	0.00035764	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05	1.13E-05
2507	625566.63	4265213.59	0.00035703	1.23E-04	2.98E-04	9.19E-05	7.07E-05	2.35E-05	5.51E-05	1.13E-05
2508	625570.26	4265222.76	0.00035643	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05	1.13E-05
2509	625573.89	4265231.92	0.00035589	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05	1.13E-05
2510	625577.51	4265241.08	0.00035517	1.22E-04	2.97E-04	9.14E-05	7.03E-05	2.34E-05	5.48E-05	1.13E-05
2511	625581.14	4265250.25	0.00035428	1.22E-04	2.96E-04	9.12E-05	7.01E-05	2.33E-05	5.47E-05	1.12E-05
2512	625584.77	4265259.41	0.00035327	1.21E-04	2.95E-04	9.10E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
2513	625588.4	4265268.58	0.00035213	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.43E-05	1.12E-05
2514	625592.02	4265277.74	0.00035103	1.21E-04	2.93E-04	9.04E-05	6.95E-05	2.31E-05	5.42E-05	1.11E-05
2515	625595.65	4265286.9	0.00034997	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05	1.11E-05
2516	625599.28	4265296.07	0.00034891	1.20E-04	2.92E-04	8.98E-05	6.91E-05	2.30E-05	5.38E-05	1.11E-05
2517	625602.9	4265305.23	0.00034765	1.20E-04	2.91E-04	8.95E-05	6.88E-05	2.29E-05	5.36E-05	1.10E-05
2518	625606.53	4265314.4	0.00034633	1.19E-04	2.89E-04	8.92E-05	6.86E-05	2.28E-05	5.34E-05	1.10E-05
2519	625610.16	4265323.56	0.00034492	1.19E-04	2.88E-04	8.88E-05	6.83E-05	2.27E-05	5.32E-05	1.09E-05
2520	625613.79	4265332.72	0.00034346	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
2521	625617.41	4265341.89	0.00034188	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.28E-05	1.08E-05
2522	625621.04	4265351.05	0.00034033	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
2523	625624.67	4265360.22	0.00033875	1.16E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
2524	625628.3	4265369.38	0.00033706	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
2525	625631.92	4265378.55	0.00033534	1.15E-04	2.80E-04	8.63E-05	6.64E-05	2.21E-05	5.17E-05	1.06E-05
2526	625635.55	4265387.71	0.00033356	1.15E-04	2.79E-04	8.59E-05	6.60E-05	2.20E-05	5.15E-05	1.06E-05

2527	625639.18	4265396.87	0.00033172	1.14E-04	2.77E-04	8.54E-05	6.57E-05	2.19E-05	5.12E-05	1.05E-05
2528	625642.8	4265406.04	0.00032985	1.13E-04	2.76E-04	8.49E-05	6.53E-05	2.17E-05	5.09E-05	1.05E-05
2529	625646.43	4265415.2	0.00032787	1.13E-04	2.74E-04	8.44E-05	6.49E-05	2.16E-05	5.06E-05	1.04E-05
2530	625650.06	4265424.37	0.00032584	1.12E-04	2.72E-04	8.39E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
2531	625653.69	4265433.53	0.0003238	1.11E-04	2.71E-04	8.34E-05	6.41E-05	2.13E-05	5.00E-05	1.03E-05
2532	625657.31	4265442.69	0.0003217	1.11E-04	2.69E-04	8.28E-05	6.37E-05	2.12E-05	4.96E-05	1.02E-05
2533	625660.94	4265451.86	0.00031952	1.10E-04	2.67E-04	8.23E-05	6.32E-05	2.11E-05	4.93E-05	1.01E-05
2534	625664.57	4265461.02	0.00031737	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05	1.01E-05
2535	625668.19	4265470.19	0.00031525	1.08E-04	2.64E-04	8.12E-05	6.24E-05	2.08E-05	4.86E-05	1.00E-05
2536	625671.82	4265479.35	0.00031318	1.08E-04	2.62E-04	8.06E-05	6.20E-05	2.06E-05	4.83E-05	9.94E-06
2537	625675.45	4265488.51	0.00031111	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05	9.87E-06
2538	625679.08	4265497.68	0.00030905	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05	9.81E-06
2539	625682.7	4265506.84	0.00030692	1.06E-04	2.57E-04	7.90E-05	6.08E-05	2.02E-05	4.74E-05	9.74E-06
2540	625686.33	4265516.01	0.00030477	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05	9.67E-06
2541	625689.96	4265525.17	0.00030259	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
2542	625693.59	4265534.34	0.00030035	1.03E-04	2.51E-04	7.73E-05	5.95E-05	1.98E-05	4.63E-05	9.53E-06
2543	625697.21	4265543.5	0.00029782	1.02E-04	2.49E-04	7.67E-05	5.90E-05	1.96E-05	4.60E-05	9.45E-06
2544	625700.84	4265552.66	0.00029521	1.02E-04	2.47E-04	7.60E-05	5.84E-05	1.95E-05	4.56E-05	9.37E-06
2545	625704.47	4265561.83	0.00029257	1.01E-04	2.45E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.29E-06
2546	625708.09	4265570.99	0.00029008	9.97E-05	2.42E-04	7.47E-05	5.74E-05	1.91E-05	4.48E-05	9.21E-06
2547	625711.72	4265580.16	0.00028755	9.89E-05	2.40E-04	7.40E-05	5.69E-05	1.89E-05	4.44E-05	9.13E-06
2548	625715.35	4265589.32	0.00028488	9.80E-05	2.38E-04	7.33E-05	5.64E-05	1.88E-05	4.40E-05	9.04E-06
2549	625718.98	4265598.48	0.00028215	9.70E-05	2.36E-04	7.26E-05	5.58E-05	1.86E-05	4.35E-05	8.95E-06
2550	625722.6	4265607.65	0.0002794	9.61E-05	2.34E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
2551	625726.23	4265616.81	0.00027659	9.51E-05	2.31E-04	7.12E-05	5.47E-05	1.82E-05	4.27E-05	8.78E-06
2552	625729.86	4265625.98	0.00027369	9.41E-05	2.29E-04	7.05E-05	5.42E-05	1.80E-05	4.22E-05	8.69E-06
2553	625733.48	4265635.14	0.00027076	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
2554	625737.11	4265644.3	0.00026777	9.21E-05	2.24E-04	6.89E-05	5.30E-05	1.76E-05	4.13E-05	8.50E-06
2555	625740.74	4265653.47	0.00026473	9.10E-05	2.21E-04	6.82E-05	5.24E-05	1.74E-05	4.08E-05	8.40E-06
2556	625744.37	4265662.63	0.00026166	9.00E-05	2.19E-04	6.74E-05	5.18E-05	1.72E-05	4.04E-05	8.30E-06
2557	625747.99	4265671.8	0.00025856	8.89E-05	2.16E-04	6.66E-05	5.12E-05	1.70E-05	3.99E-05	8.21E-06
2558	625751.62	4265680.96	0.00025546	8.78E-05	2.14E-04	6.58E-05	5.06E-05	1.68E-05	3.94E-05	8.11E-06
2559	624867.85	4264775.4	0.00042798	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05	1.36E-05
2560	624857.94	4264775.26	0.00042626	1.47E-04	3.56E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05	1.35E-05
2561	624848.03	4264775.12	0.00042457	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05	1.35E-05
2562	624838.12	4264774.98	0.00042287	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05	1.34E-05
2563	624828.21	4264774.85	0.00042115	1.45E-04	3.52E-04	1.08E-04	8.34E-05	2.77E-05	6.50E-05	1.34E-05
2564	624818.3	4264774.71	0.00041937	1.44E-04	3.51E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
2565	624808.4	4264774.57	0.00041759	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.44E-05	1.33E-05
2566	624798.49	4264774.43	0.0004159	1.43E-04	3.48E-04	1.07E-04	8.23E-05	2.74E-05	6.42E-05	1.32E-05
2567	624788.58	4264774.3	0.00041432	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
2568	624778.67	4264774.16	0.00041271	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05	1.31E-05
2569	624768.76	4264774.02	0.00041113	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.34E-05	1.30E-05
2570	624758.85	4264773.89	0.00040953	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05	1.30E-05
2571	624748.94	4264773.75	0.00040792	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.69E-05	6.29E-05	1.29E-05
2572	624739.03	4264773.61	0.00040623	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
2573	624729.13	4264773.47	0.00040445	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.66E-05	6.24E-05	1.28E-05
2574	624719.22	4264773.34	0.00040261	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
2575	624709.31	4264773.2	0.00040074	1.38E-04	3.35E-04	1.03E-04	7.93E-05	2.64E-05	6.18E-05	1.27E-05
2576	624699.4	4264773.06	0.00039882	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.27E-05
2577	624689.49	4264772.92	0.00039684	1.36E-04	3.32E-04	1.02E-04	7.86E-05	2.61E-05	6.12E-05	1.26E-05
2578	624679.58	4264772.79	0.0003948	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05	1.25E-05
2579	624669.67	4264772.65	0.00039268	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05	1.25E-05
2580	624659.76	4264772.51	0.00039047	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
2581	624649.86	4264772.37	0.00038817	1.33E-04	3.24E-04	9.99E-05	7.68E-05	2.56E-05	5.99E-05	1.23E-05

2582	624639.95	4264772.24	0.00038576	1.33E-04	3.22E-04	9.93E-05	7.64E-05	2.54E-05	5.95E-05	1.22E-05
2583	624630.04	4264772.1	0.00038321	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.52E-05	5.91E-05	1.22E-05
2584	624620.13	4264771.96	0.00038057	1.31E-04	3.18E-04	9.80E-05	7.53E-05	2.51E-05	5.87E-05	1.21E-05
2585	624610.22	4264771.82	0.00037781	1.30E-04	3.16E-04	9.73E-05	7.48E-05	2.49E-05	5.83E-05	1.20E-05
2586	624600.31	4264771.69	0.00037497	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.79E-05	1.19E-05
2587	624590.4	4264771.55	0.00037201	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
2588	624580.49	4264771.41	0.00036894	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
2589	624570.58	4264771.27	0.00036584	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05
2590	624560.68	4264771.14	0.0003626	1.25E-04	3.03E-04	9.34E-05	7.18E-05	2.39E-05	5.60E-05	1.15E-05
2591	624550.77	4264771	0.00035919	1.24E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05	1.14E-05
2592	624540.86	4264770.86	0.00035574	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05	1.13E-05
2593	624530.95	4264770.72	0.00035233	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.44E-05	1.12E-05
2594	624521.04	4264770.59	0.00034905	1.20E-04	2.92E-04	8.99E-05	6.91E-05	2.30E-05	5.39E-05	1.11E-05
2595	624511.13	4264770.45	0.00034578	1.19E-04	2.89E-04	8.90E-05	6.84E-05	2.28E-05	5.34E-05	1.10E-05
2596	624501.22	4264770.31	0.00034254	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.29E-05	1.09E-05
2597	624491.31	4264770.18	0.0003393	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
2598	624481.41	4264770.04	0.00033611	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.19E-05	1.07E-05
2599	624471.5	4264769.9	0.00033298	1.15E-04	2.78E-04	8.57E-05	6.59E-05	2.19E-05	5.14E-05	1.06E-05
2600	624461.59	4264769.76	0.00032988	1.13E-04	2.76E-04	8.49E-05	6.53E-05	2.17E-05	5.09E-05	1.05E-05
2601	624451.68	4264769.63	0.00032681	1.12E-04	2.73E-04	8.41E-05	6.47E-05	2.15E-05	5.04E-05	1.04E-05
2602	624441.77	4264769.49	0.0003238	1.11E-04	2.71E-04	8.34E-05	6.41E-05	2.13E-05	5.00E-05	1.03E-05
2603	624431.86	4264769.35	0.00032081	1.10E-04	2.68E-04	8.26E-05	6.35E-05	2.11E-05	4.95E-05	1.02E-05
2604	624421.95	4264769.21	0.00031786	1.09E-04	2.66E-04	8.18E-05	6.29E-05	2.09E-05	4.90E-05	1.01E-05
2605	624412.04	4264769.08	0.00031496	1.08E-04	2.63E-04	8.11E-05	6.23E-05	2.08E-05	4.86E-05	1.00E-05
2606	624402.14	4264768.94	0.00031206	1.07E-04	2.61E-04	8.03E-05	6.18E-05	2.06E-05	4.82E-05	9.90E-06
2607	624392.23	4264768.8	0.00030919	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05	9.81E-06
2608	624382.32	4264768.66	0.00030635	1.05E-04	2.56E-04	7.89E-05	6.06E-05	2.02E-05	4.73E-05	9.72E-06
2609	624372.41	4264768.53	0.00030348	1.04E-04	2.54E-04	7.81E-05	6.01E-05	2.00E-05	4.68E-05	9.63E-06
2610	624878.26	4264679.3	0.00036906	1.27E-04	3.08E-04	9.50E-05	7.31E-05	2.43E-05	5.69E-05	1.17E-05
2611	624887.28	4264683.19	0.00037253	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
2612	624896.31	4264687.08	0.000376	1.29E-04	3.14E-04	9.68E-05	7.44E-05	2.48E-05	5.80E-05	1.19E-05
2613	624905.33	4264690.98	0.00037953	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
2614	624914.36	4264694.87	0.00038312	1.32E-04	3.20E-04	9.86E-05	7.58E-05	2.52E-05	5.91E-05	1.22E-05
2615	624923.38	4264698.76	0.00038677	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
2616	624932.4	4264702.65	0.00039047	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
2617	624941.43	4264706.54	0.00039426	1.36E-04	3.30E-04	1.02E-04	7.80E-05	2.60E-05	6.08E-05	1.25E-05
2618	624950.45	4264710.44	0.00039813	1.37E-04	3.33E-04	1.03E-04	7.88E-05	2.62E-05	6.14E-05	1.26E-05
2619	624959.48	4264714.33	0.00040209	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.20E-05	1.28E-05
2620	624968.5	4264718.22	0.00040611	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
2621	624977.52	4264722.11	0.00041013	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05	1.30E-05
2622	624986.55	4264726.01	0.0004142	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
2623	624995.57	4264729.9	0.00041822	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.45E-05	1.33E-05
2624	625004.6	4264733.79	0.00042227	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
2625	625013.62	4264737.68	0.00042632	1.47E-04	3.56E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05	1.35E-05
2626	625022.65	4264741.58	0.00043033	1.48E-04	3.60E-04	1.11E-04	8.52E-05	2.84E-05	6.64E-05	1.37E-05
2627	625031.67	4264745.47	0.00043432	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05	1.38E-05
2628	625040.69	4264749.36	0.00043823	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05	1.39E-05
2629	625049.72	4264753.25	0.00044207	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
2630	625058.74	4264757.14	0.00044577	1.53E-04	3.73E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05	1.41E-05
2631	625067.77	4264761.04	0.00044939	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.93E-05	1.43E-05
2632	625076.79	4264764.93	0.00045284	1.56E-04	3.79E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05	1.44E-05
2633	625085.81	4264768.82	0.00045608	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.00E-05	7.04E-05	1.45E-05
2634	625094.84	4264772.71	0.00045915	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.08E-05	1.46E-05
2635	625103.86	4264776.61	0.00046196	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05	1.47E-05
2636	625112.89	4264780.5	0.00046455	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.47E-05

2637	625121.91	4264784.39	0.00046687	1.61E-04	3.90E-04	1.20E-04	9.24E-05	3.08E-05	7.20E-05	1.48E-05
2638	625130.94	4264788.28	0.00046888	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.24E-05	1.49E-05
2639	625139.96	4264792.18	0.00047063	1.62E-04	3.93E-04	1.21E-04	9.32E-05	3.10E-05	7.26E-05	1.49E-05
2640	625148.98	4264796.07	0.00047206	1.62E-04	3.95E-04	1.22E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
2641	625158.01	4264799.96	0.00047316	1.63E-04	3.95E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05	1.50E-05
2642	625167.03	4264803.85	0.00047387	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05	1.50E-05
2643	625176.06	4264807.74	0.0004743	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.13E-05	7.32E-05	1.51E-05
2644	625185.08	4264811.64	0.00047442	1.63E-04	3.97E-04	1.22E-04	9.39E-05	3.13E-05	7.32E-05	1.51E-05
2645	625194.1	4264815.53	0.00047422	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.12E-05	7.32E-05	1.50E-05
2646	625203.13	4264819.42	0.00047367	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05	1.50E-05
2647	625212.15	4264823.31	0.00047281	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05	1.50E-05
2648	625221.18	4264827.21	0.00047166	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
2649	625230.2	4264831.1	0.00047017	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.25E-05	1.49E-05
2650	625239.22	4264834.99	0.00046839	1.61E-04	3.92E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05	1.49E-05
2651	625248.25	4264838.88	0.00046632	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.20E-05	1.48E-05
2652	625257.27	4264842.78	0.000464	1.60E-04	3.88E-04	1.19E-04	9.18E-05	3.06E-05	7.16E-05	1.47E-05
2653	625266.3	4264846.67	0.00046139	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05	1.46E-05
2654	625275.32	4264850.56	0.00045852	1.58E-04	3.83E-04	1.18E-04	9.08E-05	3.02E-05	7.08E-05	1.46E-05
2655	625284.35	4264854.45	0.00045536	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05	1.45E-05
2656	625293.37	4264858.34	0.00045195	1.55E-04	3.78E-04	1.16E-04	8.95E-05	2.98E-05	6.97E-05	1.43E-05
2657	625302.39	4264862.24	0.00044833	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05	1.42E-05
2658	625311.42	4264866.13	0.00044454	1.53E-04	3.72E-04	1.14E-04	8.80E-05	2.93E-05	6.86E-05	1.41E-05
2659	625320.44	4264870.02	0.00044052	1.51E-04	3.68E-04	1.13E-04	8.72E-05	2.90E-05	6.80E-05	1.40E-05
2660	625329.47	4264873.91	0.00043628	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.87E-05	6.73E-05	1.38E-05
2661	625338.49	4264877.81	0.00043186	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.66E-05	1.37E-05
2662	625347.51	4264881.7	0.00042726	1.47E-04	3.57E-04	1.10E-04	8.46E-05	2.82E-05	6.59E-05	1.36E-05
2663	625356.54	4264885.59	0.00042267	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.78E-05	6.52E-05	1.34E-05
2664	625365.56	4264889.48	0.00041799	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05	1.33E-05
2665	625374.59	4264893.38	0.00041323	1.42E-04	3.45E-04	1.06E-04	8.18E-05	2.72E-05	6.38E-05	1.31E-05
2666	625383.61	4264897.27	0.00040841	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05	1.30E-05
2667	625392.63	4264901.16	0.00040353	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
2668	625401.66	4264905.05	0.00039862	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.27E-05
2669	625410.68	4264908.95	0.00039357	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.07E-05	1.25E-05
2670	625419.71	4264912.84	0.00038843	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	5.99E-05	1.23E-05
2671	625428.73	4264916.73	0.00038332	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.53E-05	5.91E-05	1.22E-05
2672	625437.76	4264920.62	0.00037827	1.30E-04	3.16E-04	9.74E-05	7.49E-05	2.49E-05	5.84E-05	1.20E-05
2673	625446.78	4264924.51	0.00037328	1.28E-04	3.12E-04	9.61E-05	7.39E-05	2.46E-05	5.76E-05	1.18E-05
2674	625455.8	4264928.41	0.00036831	1.27E-04	3.08E-04	9.48E-05	7.29E-05	2.43E-05	5.68E-05	1.17E-05
2675	625464.83	4264932.3	0.00036346	1.25E-04	3.04E-04	9.36E-05	7.19E-05	2.39E-05	5.61E-05	1.15E-05
2676	625473.85	4264936.19	0.00035873	1.23E-04	3.00E-04	9.24E-05	7.10E-05	2.36E-05	5.54E-05	1.14E-05
2677	625482.88	4264940.08	0.00035416	1.22E-04	2.96E-04	9.12E-05	7.01E-05	2.33E-05	5.46E-05	1.12E-05
2678	625491.9	4264943.98	0.00034971	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.40E-05	1.11E-05
2679	625500.92	4264947.87	0.0003455	1.19E-04	2.89E-04	8.90E-05	6.84E-05	2.28E-05	5.33E-05	1.10E-05
2680	625509.95	4264951.76	0.00034136	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
2681	625518.97	4264955.65	0.00033726	1.16E-04	2.82E-04	8.68E-05	6.68E-05	2.22E-05	5.20E-05	1.07E-05
2682	625528	4264959.55	0.00033336	1.15E-04	2.79E-04	8.58E-05	6.60E-05	2.20E-05	5.14E-05	1.06E-05
2683	625537.02	4264963.44	0.00032962	1.13E-04	2.76E-04	8.49E-05	6.52E-05	2.17E-05	5.09E-05	1.05E-05
2684	625546.05	4264967.33	0.00032604	1.12E-04	2.73E-04	8.39E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
2685	625555.07	4264971.22	0.00032256	1.11E-04	2.70E-04	8.30E-05	6.38E-05	2.13E-05	4.98E-05	1.02E-05
2686	625564.09	4264975.11	0.00031921	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05	1.01E-05
2687	625576.73	4264988.14	0.00031588	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
2688	625580.35	4264997.28	0.00031585	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
2689	625583.97	4265006.42	0.00031608	1.09E-04	2.64E-04	8.14E-05	6.26E-05	2.08E-05	4.88E-05	1.00E-05
2690	625587.59	4265015.56	0.00031639	1.09E-04	2.64E-04	8.15E-05	6.26E-05	2.08E-05	4.88E-05	1.00E-05
2691	625591.2	4265024.7	0.00031671	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05	1.01E-05

2692	625594.82	4265033.83	0.00031668	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05	1.01E-05
2693	625598.44	4265042.97	0.00031665	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05	1.00E-05
2694	625602.05	4265052.11	0.00031662	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05	1.00E-05
2695	625605.67	4265061.25	0.00031657	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.88E-05	1.00E-05
2696	625609.29	4265070.39	0.00031651	1.09E-04	2.65E-04	8.15E-05	6.26E-05	2.09E-05	4.88E-05	1.00E-05
2697	625612.9	4265079.52	0.00031642	1.09E-04	2.64E-04	8.15E-05	6.26E-05	2.08E-05	4.88E-05	1.00E-05
2698	625616.52	4265088.66	0.00031619	1.09E-04	2.64E-04	8.14E-05	6.26E-05	2.08E-05	4.88E-05	1.00E-05
2699	625620.14	4265097.8	0.00031588	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
2700	625623.75	4265106.94	0.0003155	1.08E-04	2.64E-04	8.12E-05	6.24E-05	2.08E-05	4.87E-05	1.00E-05
2701	625627.37	4265116.08	0.00031513	1.08E-04	2.63E-04	8.11E-05	6.24E-05	2.08E-05	4.86E-05	1.00E-05
2702	625630.99	4265125.21	0.0003149	1.08E-04	2.63E-04	8.11E-05	6.23E-05	2.07E-05	4.86E-05	9.99E-06
2703	625634.6	4265134.35	0.00031473	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.86E-05	9.99E-06
2704	625638.22	4265143.49	0.00031461	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.85E-05	9.98E-06
2705	625641.84	4265152.63	0.00031421	1.08E-04	2.63E-04	8.09E-05	6.22E-05	2.07E-05	4.85E-05	9.97E-06
2706	625645.46	4265161.77	0.0003137	1.08E-04	2.62E-04	8.08E-05	6.21E-05	2.07E-05	4.84E-05	9.96E-06
2707	625649.07	4265170.9	0.00031315	1.08E-04	2.62E-04	8.06E-05	6.20E-05	2.06E-05	4.83E-05	9.94E-06
2708	625652.69	4265180.04	0.00031258	1.07E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.82E-05	9.92E-06
2709	625656.31	4265189.18	0.00031192	1.07E-04	2.61E-04	8.03E-05	6.17E-05	2.06E-05	4.81E-05	9.90E-06
2710	625659.92	4265198.32	0.0003112	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05	9.88E-06
2711	625663.54	4265207.46	0.00031045	1.07E-04	2.59E-04	7.99E-05	6.15E-05	2.05E-05	4.79E-05	9.85E-06
2712	625667.16	4265216.6	0.00030965	1.06E-04	2.59E-04	7.97E-05	6.13E-05	2.04E-05	4.78E-05	9.83E-06
2713	625670.77	4265225.73	0.00030879	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.03E-05	4.76E-05	9.80E-06
2714	625674.39	4265234.87	0.00030787	1.06E-04	2.57E-04	7.93E-05	6.09E-05	2.03E-05	4.75E-05	9.77E-06
2715	625678.01	4265244.01	0.00030689	1.06E-04	2.57E-04	7.90E-05	6.07E-05	2.02E-05	4.74E-05	9.74E-06
2716	625681.62	4265253.15	0.00030586	1.05E-04	2.56E-04	7.88E-05	6.05E-05	2.02E-05	4.72E-05	9.71E-06
2717	625685.24	4265262.29	0.0003048	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05	9.67E-06
2718	625688.86	4265271.42	0.00030365	1.04E-04	2.54E-04	7.82E-05	6.01E-05	2.00E-05	4.69E-05	9.64E-06
2719	625692.47	4265280.56	0.00030247	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
2720	625696.09	4265289.7	0.00030124	1.04E-04	2.52E-04	7.76E-05	5.96E-05	1.98E-05	4.65E-05	9.56E-06
2721	625699.71	4265298.84	0.00029998	1.03E-04	2.51E-04	7.72E-05	5.94E-05	1.98E-05	4.63E-05	9.52E-06
2722	625703.33	4265307.98	0.00029866	1.03E-04	2.50E-04	7.69E-05	5.91E-05	1.97E-05	4.61E-05	9.48E-06
2723	625706.94	4265317.11	0.00029728	1.02E-04	2.48E-04	7.65E-05	5.88E-05	1.96E-05	4.59E-05	9.43E-06
2724	625710.56	4265326.25	0.00029587	1.02E-04	2.47E-04	7.62E-05	5.86E-05	1.95E-05	4.57E-05	9.39E-06
2725	625714.18	4265335.39	0.00029444	1.01E-04	2.46E-04	7.58E-05	5.83E-05	1.94E-05	4.54E-05	9.34E-06
2726	625717.79	4265344.53	0.00029297	1.01E-04	2.45E-04	7.54E-05	5.80E-05	1.93E-05	4.52E-05	9.30E-06
2727	625721.41	4265353.67	0.00029145	1.00E-04	2.44E-04	7.50E-05	5.77E-05	1.92E-05	4.50E-05	9.25E-06
2728	625725.03	4265362.8	0.00028993	9.97E-05	2.42E-04	7.46E-05	5.74E-05	1.91E-05	4.47E-05	9.20E-06
2729	625728.64	4265371.94	0.00028841	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05	9.15E-06
2730	625732.26	4265381.08	0.00028683	9.86E-05	2.40E-04	7.38E-05	5.68E-05	1.89E-05	4.43E-05	9.10E-06
2731	625735.88	4265390.22	0.00028528	9.81E-05	2.38E-04	7.34E-05	5.65E-05	1.88E-05	4.40E-05	9.05E-06
2732	625739.49	4265399.36	0.0002837	9.76E-05	2.37E-04	7.30E-05	5.62E-05	1.87E-05	4.38E-05	9.00E-06
2733	625743.11	4265408.49	0.00028213	9.70E-05	2.36E-04	7.26E-05	5.58E-05	1.86E-05	4.35E-05	8.95E-06
2734	625746.73	4265417.63	0.00028055	9.65E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2735	625750.34	4265426.77	0.00027894	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.30E-05	8.85E-06
2736	625753.96	4265435.91	0.00027736	9.54E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05	8.80E-06
2737	625757.58	4265445.05	0.00027575	9.48E-05	2.30E-04	7.10E-05	5.46E-05	1.82E-05	4.25E-05	8.75E-06
2738	625761.2	4265454.18	0.00027415	9.43E-05	2.29E-04	7.06E-05	5.43E-05	1.81E-05	4.23E-05	8.70E-06
2739	625764.81	4265463.32	0.00027251	9.37E-05	2.28E-04	7.02E-05	5.39E-05	1.80E-05	4.20E-05	8.65E-06
2740	625768.43	4265472.46	0.00027079	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
2741	625772.05	4265481.6	0.00026904	9.25E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
2742	625775.66	4265490.74	0.00026726	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.12E-05	8.48E-06
2743	625779.28	4265499.87	0.00026548	9.13E-05	2.22E-04	6.84E-05	5.25E-05	1.75E-05	4.10E-05	8.43E-06
2744	625782.9	4265509.01	0.00026364	9.07E-05	2.20E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05	8.37E-06
2745	625786.51	4265518.15	0.00026175	9.00E-05	2.19E-04	6.74E-05	5.18E-05	1.72E-05	4.04E-05	8.31E-06
2746	625790.13	4265527.29	0.00025985	8.94E-05	2.17E-04	6.69E-05	5.14E-05	1.71E-05	4.01E-05	8.25E-06

2747	625793.75	4265536.43	0.00025787	8.87E-05	2.16E-04	6.64E-05	5.10E-05	1.70E-05	3.98E-05	8.18E-06
2748	625797.36	4265545.56	0.00025592	8.80E-05	2.14E-04	6.59E-05	5.07E-05	1.69E-05	3.95E-05	8.12E-06
2749	625800.98	4265554.7	0.00025394	8.73E-05	2.12E-04	6.54E-05	5.03E-05	1.67E-05	3.92E-05	8.06E-06
2750	625804.6	4265563.84	0.00025187	8.66E-05	2.11E-04	6.48E-05	4.99E-05	1.66E-05	3.89E-05	7.99E-06
2751	625808.22	4265572.98	0.00024975	8.59E-05	2.09E-04	6.43E-05	4.94E-05	1.65E-05	3.85E-05	7.93E-06
2752	625811.83	4265582.12	0.00024757	8.51E-05	2.07E-04	6.37E-05	4.90E-05	1.63E-05	3.82E-05	7.86E-06
2753	625815.45	4265591.25	0.00024533	8.44E-05	2.05E-04	6.32E-05	4.86E-05	1.62E-05	3.79E-05	7.79E-06
2754	625819.07	4265600.39	0.00024304	8.36E-05	2.03E-04	6.26E-05	4.81E-05	1.60E-05	3.75E-05	7.71E-06
2755	625822.68	4265609.53	0.00024068	8.28E-05	2.01E-04	6.20E-05	4.76E-05	1.59E-05	3.71E-05	7.64E-06
2756	625826.3	4265618.67	0.00023827	8.19E-05	1.99E-04	6.13E-05	4.72E-05	1.57E-05	3.68E-05	7.56E-06
2757	625829.92	4265627.81	0.00023583	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05	7.48E-06
2758	625833.53	4265636.94	0.00023333	8.02E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05	7.41E-06
2759	625837.15	4265646.08	0.00023078	7.94E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05	7.32E-06
2760	625840.77	4265655.22	0.00022823	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.24E-06
2761	625844.38	4265664.36	0.00022567	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05	7.16E-06
2762	625848	4265673.5	0.00022306	7.67E-05	1.86E-04	5.74E-05	4.42E-05	1.47E-05	3.44E-05	7.08E-06
2763	625851.62	4265682.63	0.00022048	7.58E-05	1.84E-04	5.68E-05	4.36E-05	1.45E-05	3.40E-05	7.00E-06
2764	624869.24	4264675.41	0.00036567	1.26E-04	3.06E-04	9.41E-05	7.24E-05	2.41E-05	5.64E-05	1.16E-05
2765	624859.33	4264675.27	0.00036435	1.25E-04	3.05E-04	9.38E-05	7.21E-05	2.40E-05	5.62E-05	1.16E-05
2766	624849.42	4264675.13	0.00036315	1.25E-04	3.04E-04	9.35E-05	7.19E-05	2.39E-05	5.60E-05	1.15E-05
2767	624839.51	4264674.99	0.00036194	1.24E-04	3.03E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05
2768	624829.6	4264674.86	0.00036082	1.24E-04	3.02E-04	9.29E-05	7.14E-05	2.38E-05	5.57E-05	1.15E-05
2769	624819.69	4264674.72	0.0003597	1.24E-04	3.01E-04	9.26E-05	7.12E-05	2.37E-05	5.55E-05	1.14E-05
2770	624809.78	4264674.58	0.00035864	1.23E-04	3.00E-04	9.23E-05	7.10E-05	2.36E-05	5.53E-05	1.14E-05
2771	624799.87	4264674.44	0.00035761	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05	1.13E-05
2772	624789.96	4264674.31	0.00035655	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05	1.13E-05
2773	624780.06	4264674.17	0.00035554	1.22E-04	2.97E-04	9.15E-05	7.04E-05	2.34E-05	5.49E-05	1.13E-05
2774	624770.15	4264674.03	0.00035454	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05	1.13E-05
2775	624760.24	4264673.89	0.0003535	1.22E-04	2.95E-04	9.10E-05	7.00E-05	2.33E-05	5.45E-05	1.12E-05
2776	624750.33	4264673.76	0.0003525	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05	1.12E-05
2777	624740.42	4264673.62	0.00035149	1.21E-04	2.94E-04	9.05E-05	6.96E-05	2.32E-05	5.42E-05	1.12E-05
2778	624730.51	4264673.48	0.00035055	1.21E-04	2.93E-04	9.03E-05	6.94E-05	2.31E-05	5.41E-05	1.11E-05
2779	624720.6	4264673.35	0.00034957	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.39E-05	1.11E-05
2780	624710.69	4264673.21	0.0003486	1.20E-04	2.91E-04	8.97E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
2781	624700.79	4264673.07	0.00034753	1.20E-04	2.90E-04	8.95E-05	6.88E-05	2.29E-05	5.36E-05	1.10E-05
2782	624690.88	4264672.93	0.00034644	1.19E-04	2.90E-04	8.92E-05	6.86E-05	2.28E-05	5.35E-05	1.10E-05
2783	624680.97	4264672.8	0.00034527	1.19E-04	2.89E-04	8.89E-05	6.83E-05	2.27E-05	5.33E-05	1.10E-05
2784	624671.06	4264672.66	0.000344	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05	1.09E-05
2785	624661.15	4264672.52	0.00034265	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.29E-05	1.09E-05
2786	624651.24	4264672.38	0.00034119	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
2787	624641.33	4264672.25	0.00033955	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
2788	624631.42	4264672.11	0.00033783	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05	1.07E-05
2789	624621.52	4264671.97	0.00033591	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.18E-05	1.07E-05
2790	624611.61	4264671.83	0.00033381	1.15E-04	2.79E-04	8.59E-05	6.61E-05	2.20E-05	5.15E-05	1.06E-05
2791	624601.7	4264671.7	0.00033158	1.14E-04	2.77E-04	8.54E-05	6.56E-05	2.18E-05	5.12E-05	1.05E-05
2792	624591.79	4264671.56	0.00032922	1.13E-04	2.75E-04	8.48E-05	6.52E-05	2.17E-05	5.08E-05	1.04E-05
2793	624581.88	4264671.42	0.00032681	1.12E-04	2.73E-04	8.41E-05	6.47E-05	2.15E-05	5.04E-05	1.04E-05
2794	624571.97	4264671.28	0.00032429	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.00E-05	1.03E-05
2795	624562.06	4264671.15	0.00032165	1.11E-04	2.69E-04	8.28E-05	6.37E-05	2.12E-05	4.96E-05	1.02E-05
2796	624552.15	4264671.01	0.00031892	1.10E-04	2.67E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
2797	624542.24	4264670.87	0.00031608	1.09E-04	2.64E-04	8.14E-05	6.26E-05	2.08E-05	4.88E-05	1.00E-05
2798	624532.34	4264670.73	0.00031318	1.08E-04	2.62E-04	8.06E-05	6.20E-05	2.06E-05	4.83E-05	9.94E-06
2799	624522.43	4264670.6	0.00031022	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.04E-05	4.79E-05	9.85E-06
2800	624512.52	4264670.46	0.00030721	1.06E-04	2.57E-04	7.91E-05	6.08E-05	2.02E-05	4.74E-05	9.75E-06
2801	624502.61	4264670.32	0.00030414	1.05E-04	2.54E-04	7.83E-05	6.02E-05	2.00E-05	4.69E-05	9.65E-06

2802	624492.7	4264670.18	0.00030104	1.04E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.65E-05	9.55E-06
2803	624482.79	4264670.05	0.00029794	1.02E-04	2.49E-04	7.67E-05	5.90E-05	1.96E-05	4.60E-05	9.46E-06
2804	624472.88	4264669.91	0.00029484	1.01E-04	2.46E-04	7.59E-05	5.84E-05	1.94E-05	4.55E-05	9.36E-06
2805	624462.97	4264669.77	0.00029191	1.00E-04	2.44E-04	7.52E-05	5.78E-05	1.92E-05	4.50E-05	9.26E-06
2806	624453.07	4264669.64	0.00028901	9.94E-05	2.42E-04	7.44E-05	5.72E-05	1.90E-05	4.46E-05	9.17E-06
2807	624443.16	4264669.5	0.00028617	9.84E-05	2.39E-04	7.37E-05	5.66E-05	1.89E-05	4.42E-05	9.08E-06
2808	624433.25	4264669.36	0.00028339	9.74E-05	2.37E-04	7.30E-05	5.61E-05	1.87E-05	4.37E-05	8.99E-06
2809	624423.34	4264669.22	0.00028063	9.65E-05	2.35E-04	7.23E-05	5.55E-05	1.85E-05	4.33E-05	8.91E-06
2810	624413.43	4264669.09	0.00027796	9.56E-05	2.32E-04	7.16E-05	5.50E-05	1.83E-05	4.29E-05	8.82E-06
2811	624403.52	4264668.95	0.00027532	9.47E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05	8.74E-06
2812	624393.61	4264668.81	0.00027274	9.38E-05	2.28E-04	7.02E-05	5.40E-05	1.80E-05	4.21E-05	8.66E-06
2813	624383.7	4264668.67	0.00027021	9.29E-05	2.26E-04	6.96E-05	5.35E-05	1.78E-05	4.17E-05	8.58E-06
2814	624373.8	4264668.54	0.00026775	9.21E-05	2.24E-04	6.89E-05	5.30E-05	1.76E-05	4.13E-05	8.50E-06
2815	624879.62	4264579.3	0.00031998	1.10E-04	2.67E-04	8.24E-05	6.33E-05	2.11E-05	4.94E-05	1.02E-05
2816	624888.63	4264583.18	0.00032251	1.11E-04	2.70E-04	8.30E-05	6.38E-05	2.12E-05	4.98E-05	1.02E-05
2817	624897.63	4264587.07	0.00032518	1.12E-04	2.72E-04	8.37E-05	6.44E-05	2.14E-05	5.02E-05	1.03E-05
2818	624906.63	4264590.95	0.00032793	1.13E-04	2.74E-04	8.44E-05	6.49E-05	2.16E-05	5.06E-05	1.04E-05
2819	624915.64	4264594.83	0.00033074	1.14E-04	2.76E-04	8.52E-05	6.55E-05	2.18E-05	5.10E-05	1.05E-05
2820	624924.64	4264598.72	0.00033364	1.15E-04	2.79E-04	8.59E-05	6.60E-05	2.20E-05	5.15E-05	1.06E-05
2821	624933.64	4264602.6	0.00033654	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
2822	624942.65	4264606.48	0.00033953	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
2823	624951.65	4264610.37	0.00034257	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.29E-05	1.09E-05
2824	624960.65	4264614.25	0.00034567	1.19E-04	2.89E-04	8.90E-05	6.84E-05	2.28E-05	5.33E-05	1.10E-05
2825	624969.66	4264618.13	0.00034885	1.20E-04	2.92E-04	8.98E-05	6.91E-05	2.30E-05	5.38E-05	1.11E-05
2826	624978.66	4264622.01	0.0003521	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.43E-05	1.12E-05
2827	624987.66	4264625.9	0.00035543	1.22E-04	2.97E-04	9.15E-05	7.04E-05	2.34E-05	5.48E-05	1.13E-05
2828	624996.67	4264629.78	0.00035878	1.23E-04	3.00E-04	9.24E-05	7.10E-05	2.36E-05	5.54E-05	1.14E-05
2829	625005.67	4264633.66	0.00036217	1.25E-04	3.03E-04	9.32E-05	7.17E-05	2.39E-05	5.59E-05	1.15E-05
2830	625014.67	4264637.55	0.00036564	1.26E-04	3.06E-04	9.41E-05	7.24E-05	2.41E-05	5.64E-05	1.16E-05
2831	625023.68	4264641.43	0.00036917	1.27E-04	3.09E-04	9.50E-05	7.31E-05	2.43E-05	5.70E-05	1.17E-05
2832	625032.68	4264645.31	0.0003727	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
2833	625041.68	4264649.2	0.00037623	1.29E-04	3.14E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
2834	625050.68	4264653.08	0.00037979	1.31E-04	3.17E-04	9.78E-05	7.52E-05	2.50E-05	5.86E-05	1.21E-05
2835	625059.69	4264656.96	0.00038332	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.53E-05	5.91E-05	1.22E-05
2836	625068.69	4264660.85	0.00038682	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
2837	625077.69	4264664.73	0.00039024	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
2838	625086.7	4264668.61	0.00039363	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.07E-05	1.25E-05
2839	625095.7	4264672.5	0.00039693	1.36E-04	3.32E-04	1.02E-04	7.86E-05	2.62E-05	6.12E-05	1.26E-05
2840	625104.7	4264676.38	0.00040011	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.64E-05	6.17E-05	1.27E-05
2841	625113.71	4264680.26	0.00040313	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
2842	625122.71	4264684.15	0.00040602	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
2843	625131.71	4264688.03	0.00040875	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05	1.30E-05
2844	625140.72	4264691.91	0.00041128	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.35E-05	1.31E-05
2845	625149.72	4264695.8	0.00041354	1.42E-04	3.46E-04	1.06E-04	8.19E-05	2.72E-05	6.38E-05	1.31E-05
2846	625158.72	4264699.68	0.00041558	1.43E-04	3.47E-04	1.07E-04	8.23E-05	2.74E-05	6.41E-05	1.32E-05
2847	625167.73	4264703.56	0.00041748	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
2848	625176.73	4264707.45	0.00041908	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
2849	625185.73	4264711.33	0.00042046	1.45E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.49E-05	1.33E-05
2850	625194.73	4264715.21	0.00042147	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.50E-05	1.34E-05
2851	625203.74	4264719.1	0.00042233	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
2852	625212.74	4264722.98	0.00042293	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05	1.34E-05
2853	625221.74	4264726.86	0.0004233	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05	1.34E-05
2854	625230.75	4264730.75	0.00042342	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05	1.34E-05
2855	625239.75	4264734.63	0.00042319	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05	1.34E-05
2856	625248.75	4264738.51	0.00042267	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.78E-05	6.52E-05	1.34E-05

2857	625257.76	4264742.4	0.00042184	1.45E-04	3.53E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
2858	625266.76	4264746.28	0.00042083	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05	1.34E-05
2859	625275.76	4264750.16	0.0004196	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.76E-05	6.47E-05	1.33E-05
2860	625284.77	4264754.05	0.00041808	1.44E-04	3.49E-04	1.08E-04	8.28E-05	2.75E-05	6.45E-05	1.33E-05
2861	625293.77	4264757.93	0.00041633	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
2862	625302.77	4264761.81	0.00041435	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
2863	625311.78	4264765.7	0.00041214	1.42E-04	3.44E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05	1.31E-05
2864	625320.78	4264769.58	0.00040973	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05	1.30E-05
2865	625329.78	4264773.46	0.00040709	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05	1.29E-05
2866	625338.79	4264777.35	0.00040422	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
2867	625347.79	4264781.23	0.0004012	1.38E-04	3.35E-04	1.03E-04	7.94E-05	2.64E-05	6.19E-05	1.27E-05
2868	625356.79	4264785.11	0.00039796	1.37E-04	3.33E-04	1.02E-04	7.88E-05	2.62E-05	6.14E-05	1.26E-05
2869	625365.79	4264789	0.00039457	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05	1.25E-05
2870	625374.8	4264792.88	0.00039104	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.03E-05	1.24E-05
2871	625383.8	4264796.76	0.0003872	1.33E-04	3.24E-04	9.97E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
2872	625392.8	4264800.64	0.00038332	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.53E-05	5.91E-05	1.22E-05
2873	625401.81	4264804.53	0.00037936	1.30E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.85E-05	1.20E-05
2874	625410.81	4264808.41	0.00037532	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
2875	625419.81	4264812.29	0.0003711	1.28E-04	3.10E-04	9.55E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
2876	625428.82	4264816.18	0.00036676	1.26E-04	3.07E-04	9.44E-05	7.26E-05	2.42E-05	5.66E-05	1.16E-05
2877	625437.82	4264820.06	0.00036243	1.25E-04	3.03E-04	9.33E-05	7.17E-05	2.39E-05	5.59E-05	1.15E-05
2878	625446.82	4264823.94	0.00035821	1.23E-04	2.99E-04	9.22E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
2879	625455.83	4264827.83	0.00035393	1.22E-04	2.96E-04	9.11E-05	7.01E-05	2.33E-05	5.46E-05	1.12E-05
2880	625464.83	4264831.71	0.00034969	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.40E-05	1.11E-05
2881	625473.83	4264835.59	0.00034524	1.19E-04	2.89E-04	8.89E-05	6.83E-05	2.27E-05	5.33E-05	1.10E-05
2882	625482.84	4264839.48	0.00034082	1.17E-04	2.85E-04	8.77E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
2883	625491.84	4264843.36	0.00033648	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
2884	625500.84	4264847.24	0.00033232	1.14E-04	2.78E-04	8.56E-05	6.58E-05	2.19E-05	5.13E-05	1.05E-05
2885	625509.85	4264851.13	0.0003283	1.13E-04	2.74E-04	8.45E-05	6.50E-05	2.16E-05	5.07E-05	1.04E-05
2886	625518.85	4264855.01	0.00032437	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.01E-05	1.03E-05
2887	625527.85	4264858.89	0.00032047	1.10E-04	2.68E-04	8.25E-05	6.34E-05	2.11E-05	4.95E-05	1.02E-05
2888	625536.85	4264862.78	0.00031657	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.88E-05	1.00E-05
2889	625545.86	4264866.66	0.00031272	1.08E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.83E-05	9.92E-06
2890	625554.86	4264870.54	0.00030893	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.04E-05	4.77E-05	9.80E-06
2891	625563.86	4264874.43	0.00030537	1.05E-04	2.55E-04	7.86E-05	6.04E-05	2.01E-05	4.71E-05	9.69E-06
2892	625572.87	4264878.31	0.00030204	1.04E-04	2.52E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
2893	625581.87	4264882.19	0.00029883	1.03E-04	2.50E-04	7.69E-05	5.92E-05	1.97E-05	4.61E-05	9.48E-06
2894	625590.87	4264886.08	0.0002957	1.02E-04	2.47E-04	7.61E-05	5.85E-05	1.95E-05	4.56E-05	9.38E-06
2895	625599.88	4264889.96	0.00029272	1.01E-04	2.45E-04	7.54E-05	5.79E-05	1.93E-05	4.52E-05	9.29E-06
2896	625608.88	4264893.84	0.00028982	9.97E-05	2.42E-04	7.46E-05	5.74E-05	1.91E-05	4.47E-05	9.20E-06
2897	625617.88	4264897.73	0.00028703	9.87E-05	2.40E-04	7.39E-05	5.68E-05	1.89E-05	4.43E-05	9.11E-06
2898	625626.89	4264901.61	0.00028434	9.78E-05	2.38E-04	7.32E-05	5.63E-05	1.87E-05	4.39E-05	9.02E-06
2899	625635.89	4264905.49	0.00028175	9.69E-05	2.36E-04	7.25E-05	5.58E-05	1.86E-05	4.35E-05	8.94E-06
2900	625648.5	4264918.49	0.00027934	9.61E-05	2.33E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
2901	625652.11	4264927.61	0.00027943	9.61E-05	2.34E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
2902	625655.72	4264936.73	0.00027951	9.61E-05	2.34E-04	7.20E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
2903	625659.33	4264945.84	0.00027963	9.62E-05	2.34E-04	7.20E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
2904	625662.93	4264954.96	0.00027977	9.62E-05	2.34E-04	7.20E-05	5.54E-05	1.84E-05	4.32E-05	8.88E-06
2905	625666.54	4264964.08	0.00027992	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.84E-05	4.32E-05	8.88E-06
2906	625670.15	4264973.19	0.00028003	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.85E-05	4.32E-05	8.89E-06
2907	625673.76	4264982.31	0.00028017	9.63E-05	2.34E-04	7.21E-05	5.55E-05	1.85E-05	4.32E-05	8.89E-06
2908	625677.37	4264991.43	0.00028026	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.32E-05	8.89E-06
2909	625680.98	4265000.54	0.00028037	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2910	625684.59	4265009.66	0.00028043	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2911	625688.19	4265018.78	0.00028049	9.65E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06

2912	625691.8	4265027.89	0.00028049	9.65E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2913	625695.41	4265037.01	0.00028046	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2914	625699.02	4265046.13	0.0002804	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2915	625702.63	4265055.24	0.00028029	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2916	625706.24	4265064.36	0.00028012	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.85E-05	4.32E-05	8.89E-06
2917	625709.84	4265073.48	0.00027992	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.84E-05	4.32E-05	8.88E-06
2918	625713.45	4265082.59	0.00027966	9.62E-05	2.34E-04	7.20E-05	5.54E-05	1.84E-05	4.32E-05	8.88E-06
2919	625717.06	4265091.71	0.00027937	9.61E-05	2.34E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
2920	625720.67	4265100.83	0.00027903	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.31E-05	8.86E-06
2921	625724.28	4265109.95	0.00027862	9.58E-05	2.33E-04	7.17E-05	5.51E-05	1.84E-05	4.30E-05	8.84E-06
2922	625727.89	4265119.06	0.00027816	9.57E-05	2.32E-04	7.16E-05	5.51E-05	1.83E-05	4.29E-05	8.83E-06
2923	625731.5	4265128.18	0.00027768	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.28E-05	8.81E-06
2924	625735.1	4265137.3	0.00027713	9.53E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05	8.80E-06
2925	625738.71	4265146.41	0.00027656	9.51E-05	2.31E-04	7.12E-05	5.47E-05	1.82E-05	4.27E-05	8.78E-06
2926	625742.32	4265155.53	0.0002759	9.49E-05	2.31E-04	7.10E-05	5.46E-05	1.82E-05	4.26E-05	8.76E-06
2927	625745.93	4265164.65	0.00027524	9.46E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05	8.73E-06
2928	625749.54	4265173.76	0.00027449	9.44E-05	2.29E-04	7.07E-05	5.43E-05	1.81E-05	4.24E-05	8.71E-06
2929	625753.15	4265182.88	0.00027374	9.41E-05	2.29E-04	7.05E-05	5.42E-05	1.80E-05	4.22E-05	8.69E-06
2930	625756.76	4265192	0.00027291	9.38E-05	2.28E-04	7.03E-05	5.40E-05	1.80E-05	4.21E-05	8.66E-06
2931	625760.36	4265201.11	0.00027205	9.36E-05	2.27E-04	7.00E-05	5.38E-05	1.79E-05	4.20E-05	8.63E-06
2932	625763.97	4265210.23	0.00027116	9.32E-05	2.27E-04	6.98E-05	5.37E-05	1.79E-05	4.18E-05	8.61E-06
2933	625767.58	4265219.35	0.00027021	9.29E-05	2.26E-04	6.96E-05	5.35E-05	1.78E-05	4.17E-05	8.58E-06
2934	625771.19	4265228.46	0.00026924	9.26E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
2935	625774.8	4265237.58	0.00026823	9.22E-05	2.24E-04	6.91E-05	5.31E-05	1.77E-05	4.14E-05	8.51E-06
2936	625778.41	4265246.7	0.00026734	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.13E-05	8.48E-06
2937	625782.01	4265255.81	0.00026628	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.75E-05	4.11E-05	8.45E-06
2938	625785.62	4265264.93	0.00026516	9.12E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.09E-05	8.42E-06
2939	625789.23	4265274.05	0.0002639	9.07E-05	2.21E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05	8.38E-06
2940	625792.84	4265283.16	0.00026261	9.03E-05	2.20E-04	6.76E-05	5.20E-05	1.73E-05	4.05E-05	8.33E-06
2941	625796.45	4265292.28	0.00026137	8.99E-05	2.18E-04	6.73E-05	5.17E-05	1.72E-05	4.03E-05	8.29E-06
2942	625800.06	4265301.4	0.00026026	8.95E-05	2.18E-04	6.70E-05	5.15E-05	1.71E-05	4.02E-05	8.26E-06
2943	625803.67	4265310.51	0.00025914	8.91E-05	2.17E-04	6.67E-05	5.13E-05	1.71E-05	4.00E-05	8.22E-06
2944	625807.27	4265319.63	0.00025796	8.87E-05	2.16E-04	6.64E-05	5.11E-05	1.70E-05	3.98E-05	8.19E-06
2945	625810.88	4265328.75	0.00025661	8.82E-05	2.14E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05	8.14E-06
2946	625814.49	4265337.86	0.00025518	8.77E-05	2.13E-04	6.57E-05	5.05E-05	1.68E-05	3.94E-05	8.10E-06
2947	625818.1	4265346.98	0.0002538	8.73E-05	2.12E-04	6.53E-05	5.02E-05	1.67E-05	3.92E-05	8.05E-06
2948	625821.71	4265356.1	0.00025248	8.68E-05	2.11E-04	6.50E-05	5.00E-05	1.66E-05	3.90E-05	8.01E-06
2949	625825.32	4265365.21	0.00025119	8.64E-05	2.10E-04	6.47E-05	4.97E-05	1.65E-05	3.88E-05	7.97E-06
2950	625828.92	4265374.33	0.00024989	8.59E-05	2.09E-04	6.43E-05	4.95E-05	1.65E-05	3.86E-05	7.93E-06
2951	625832.53	4265383.45	0.00024863	8.55E-05	2.08E-04	6.40E-05	4.92E-05	1.64E-05	3.84E-05	7.89E-06
2952	625836.14	4265392.56	0.00024734	8.51E-05	2.07E-04	6.37E-05	4.90E-05	1.63E-05	3.82E-05	7.85E-06
2953	625839.75	4265401.68	0.00024605	8.46E-05	2.06E-04	6.33E-05	4.87E-05	1.62E-05	3.80E-05	7.81E-06
2954	625843.36	4265410.8	0.00024479	8.42E-05	2.05E-04	6.30E-05	4.85E-05	1.61E-05	3.78E-05	7.77E-06
2955	625846.97	4265419.92	0.00024352	8.37E-05	2.04E-04	6.27E-05	4.82E-05	1.60E-05	3.76E-05	7.73E-06
2956	625850.58	4265429.03	0.00024223	8.33E-05	2.02E-04	6.24E-05	4.79E-05	1.60E-05	3.74E-05	7.69E-06
2957	625854.18	4265438.15	0.00024094	8.29E-05	2.01E-04	6.20E-05	4.77E-05	1.59E-05	3.72E-05	7.65E-06
2958	625857.79	4265447.27	0.00023965	8.24E-05	2.00E-04	6.17E-05	4.74E-05	1.58E-05	3.70E-05	7.61E-06
2959	625861.4	4265456.38	0.00023833	8.20E-05	1.99E-04	6.14E-05	4.72E-05	1.57E-05	3.68E-05	7.56E-06
2960	625865.01	4265465.5	0.00023698	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05	7.52E-06
2961	625868.62	4265474.62	0.00023563	8.10E-05	1.97E-04	6.07E-05	4.66E-05	1.55E-05	3.64E-05	7.48E-06
2962	625872.23	4265483.73	0.00023422	8.05E-05	1.96E-04	6.03E-05	4.64E-05	1.54E-05	3.61E-05	7.43E-06
2963	625875.83	4265492.85	0.00023282	8.01E-05	1.95E-04	5.99E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
2964	625879.44	4265501.97	0.00023135	7.96E-05	1.93E-04	5.96E-05	4.58E-05	1.52E-05	3.57E-05	7.34E-06
2965	625883.05	4265511.08	0.00022983	7.90E-05	1.92E-04	5.92E-05	4.55E-05	1.51E-05	3.55E-05	7.29E-06
2966	625886.66	4265520.2	0.00022828	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.24E-06

2967	625890.27	4265529.32	0.00022668	7.79E-05	1.89E-04	5.84E-05	4.49E-05	1.49E-05	3.50E-05	7.19E-06
2968	625893.88	4265538.43	0.00022504	7.74E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05	7.14E-06
2969	625897.49	4265547.55	0.00022332	7.68E-05	1.87E-04	5.75E-05	4.42E-05	1.47E-05	3.45E-05	7.09E-06
2970	625901.09	4265556.67	0.00022157	7.62E-05	1.85E-04	5.70E-05	4.39E-05	1.46E-05	3.42E-05	7.03E-06
2971	625904.7	4265565.78	0.00021976	7.56E-05	1.84E-04	5.66E-05	4.35E-05	1.45E-05	3.39E-05	6.97E-06
2972	625908.31	4265574.9	0.00021792	7.49E-05	1.82E-04	5.61E-05	4.31E-05	1.44E-05	3.36E-05	6.92E-06
2973	625911.92	4265584.02	0.000216	7.43E-05	1.81E-04	5.56E-05	4.28E-05	1.42E-05	3.33E-05	6.85E-06
2974	625915.53	4265593.13	0.00021405	7.36E-05	1.79E-04	5.51E-05	4.24E-05	1.41E-05	3.30E-05	6.79E-06
2975	625919.14	4265602.25	0.00021207	7.29E-05	1.77E-04	5.46E-05	4.20E-05	1.40E-05	3.27E-05	6.73E-06
2976	625922.74	4265611.37	0.00021003	7.22E-05	1.76E-04	5.41E-05	4.16E-05	1.38E-05	3.24E-05	6.67E-06
2977	625926.35	4265620.48	0.00020796	7.15E-05	1.74E-04	5.35E-05	4.12E-05	1.37E-05	3.21E-05	6.60E-06
2978	625929.96	4265629.6	0.00020584	7.08E-05	1.72E-04	5.30E-05	4.07E-05	1.36E-05	3.18E-05	6.53E-06
2979	625933.57	4265638.72	0.00020372	7.01E-05	1.70E-04	5.24E-05	4.03E-05	1.34E-05	3.14E-05	6.47E-06
2980	625937.18	4265647.83	0.00020156	6.93E-05	1.68E-04	5.19E-05	3.99E-05	1.33E-05	3.11E-05	6.40E-06
2981	625940.79	4265656.95	0.00019938	6.86E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
2982	625944.4	4265666.07	0.0001972	6.78E-05	1.65E-04	5.08E-05	3.90E-05	1.30E-05	3.04E-05	6.26E-06
2983	625948	4265675.18	0.00019499	6.71E-05	1.63E-04	5.02E-05	3.86E-05	1.28E-05	3.01E-05	6.19E-06
2984	625951.61	4265684.3	0.00019281	6.63E-05	1.61E-04	4.96E-05	3.82E-05	1.27E-05	2.98E-05	6.12E-06
2985	624870.62	4264575.42	0.00031748	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05	1.01E-05
2986	624860.71	4264575.28	0.00031662	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05	1.00E-05
2987	624850.8	4264575.14	0.00031579	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
2988	624840.9	4264575	0.00031502	1.08E-04	2.63E-04	8.11E-05	6.24E-05	2.08E-05	4.86E-05	1.00E-05
2989	624830.99	4264574.87	0.00031424	1.08E-04	2.63E-04	8.09E-05	6.22E-05	2.07E-05	4.85E-05	9.97E-06
2990	624821.08	4264574.73	0.00031344	1.08E-04	2.62E-04	8.07E-05	6.20E-05	2.07E-05	4.84E-05	9.95E-06
2991	624811.17	4264574.59	0.00031269	1.08E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.82E-05	9.92E-06
2992	624801.26	4264574.45	0.00031203	1.07E-04	2.61E-04	8.03E-05	6.18E-05	2.06E-05	4.81E-05	9.90E-06
2993	624791.35	4264574.32	0.00031149	1.07E-04	2.60E-04	8.02E-05	6.17E-05	2.05E-05	4.81E-05	9.89E-06
2994	624781.44	4264574.18	0.00031094	1.07E-04	2.60E-04	8.01E-05	6.15E-05	2.05E-05	4.80E-05	9.87E-06
2995	624771.53	4264574.04	0.00031042	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.05E-05	4.79E-05	9.85E-06
2996	624761.62	4264573.9	0.00030985	1.07E-04	2.59E-04	7.98E-05	6.13E-05	2.04E-05	4.78E-05	9.83E-06
2997	624751.72	4264573.77	0.0003093	1.06E-04	2.59E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05	9.82E-06
2998	624741.81	4264573.63	0.00030876	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.03E-05	4.76E-05	9.80E-06
2999	624731.9	4264573.49	0.00030833	1.06E-04	2.58E-04	7.94E-05	6.10E-05	2.03E-05	4.76E-05	9.79E-06
3000	624721.99	4264573.35	0.00030787	1.06E-04	2.57E-04	7.93E-05	6.09E-05	2.03E-05	4.75E-05	9.77E-06
3001	624712.08	4264573.22	0.00030741	1.06E-04	2.57E-04	7.91E-05	6.08E-05	2.03E-05	4.74E-05	9.76E-06
3002	624702.17	4264573.08	0.00030689	1.06E-04	2.57E-04	7.90E-05	6.07E-05	2.02E-05	4.74E-05	9.74E-06
3003	624692.26	4264572.94	0.00030632	1.05E-04	2.56E-04	7.89E-05	6.06E-05	2.02E-05	4.73E-05	9.72E-06
3004	624682.35	4264572.81	0.00030569	1.05E-04	2.56E-04	7.87E-05	6.05E-05	2.01E-05	4.72E-05	9.70E-06
3005	624672.45	4264572.67	0.00030497	1.05E-04	2.55E-04	7.85E-05	6.04E-05	2.01E-05	4.71E-05	9.68E-06
3006	624662.54	4264572.53	0.00030414	1.05E-04	2.54E-04	7.83E-05	6.02E-05	2.00E-05	4.69E-05	9.65E-06
3007	624652.63	4264572.39	0.00030322	1.04E-04	2.53E-04	7.81E-05	6.00E-05	2.00E-05	4.68E-05	9.62E-06
3008	624642.72	4264572.26	0.00030219	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
3009	624632.81	4264572.12	0.00030101	1.04E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.64E-05	9.55E-06
3010	624622.9	4264571.98	0.00029972	1.03E-04	2.51E-04	7.72E-05	5.93E-05	1.97E-05	4.62E-05	9.51E-06
3011	624612.99	4264571.84	0.00029825	1.03E-04	2.49E-04	7.68E-05	5.90E-05	1.97E-05	4.60E-05	9.47E-06
3012	624603.08	4264571.71	0.00029668	1.02E-04	2.48E-04	7.64E-05	5.87E-05	1.95E-05	4.58E-05	9.42E-06
3013	624593.18	4264571.57	0.00029493	1.01E-04	2.47E-04	7.59E-05	5.84E-05	1.94E-05	4.55E-05	9.36E-06
3014	624583.27	4264571.43	0.00029292	1.01E-04	2.45E-04	7.54E-05	5.80E-05	1.93E-05	4.52E-05	9.30E-06
3015	624573.36	4264571.29	0.00029079	1.00E-04	2.43E-04	7.49E-05	5.76E-05	1.92E-05	4.49E-05	9.23E-06
3016	624563.45	4264571.16	0.0002885	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05	9.16E-06
3017	624553.54	4264571.02	0.00028623	9.84E-05	2.39E-04	7.37E-05	5.67E-05	1.89E-05	4.42E-05	9.08E-06
3018	624543.63	4264570.88	0.00028385	9.76E-05	2.37E-04	7.31E-05	5.62E-05	1.87E-05	4.38E-05	9.01E-06
3019	624533.72	4264570.74	0.00028135	9.67E-05	2.35E-04	7.24E-05	5.57E-05	1.85E-05	4.34E-05	8.93E-06
3020	624523.81	4264570.61	0.00027877	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.30E-05	8.85E-06
3021	624513.9	4264570.47	0.00027613	9.50E-05	2.31E-04	7.11E-05	5.47E-05	1.82E-05	4.26E-05	8.76E-06

3022	624504	4264570.33	0.00027343	9.40E-05	2.29E-04	7.04E-05	5.41E-05	1.80E-05	4.22E-05	8.68E-06
3023	624494.09	4264570.19	0.0002707	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
3024	624484.18	4264570.06	0.00026795	9.21E-05	2.24E-04	6.90E-05	5.30E-05	1.77E-05	4.13E-05	8.50E-06
3025	624474.27	4264569.92	0.00026516	9.12E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.09E-05	8.42E-06
3026	624464.36	4264569.78	0.00026232	9.02E-05	2.19E-04	6.75E-05	5.19E-05	1.73E-05	4.05E-05	8.33E-06
3027	624454.45	4264569.64	0.00025948	8.92E-05	2.17E-04	6.68E-05	5.14E-05	1.71E-05	4.00E-05	8.23E-06
3028	624444.54	4264569.51	0.00025667	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05	8.15E-06
3029	624434.63	4264569.37	0.00025397	8.73E-05	2.12E-04	6.54E-05	5.03E-05	1.67E-05	3.92E-05	8.06E-06
3030	624424.73	4264569.23	0.00025133	8.64E-05	2.10E-04	6.47E-05	4.97E-05	1.66E-05	3.88E-05	7.98E-06
3031	624414.82	4264569.1	0.00024872	8.55E-05	2.08E-04	6.40E-05	4.92E-05	1.64E-05	3.84E-05	7.89E-06
3032	624404.91	4264568.96	0.00024619	8.47E-05	2.06E-04	6.34E-05	4.87E-05	1.62E-05	3.80E-05	7.81E-06
3033	624395	4264568.82	0.00024372	8.38E-05	2.04E-04	6.28E-05	4.82E-05	1.61E-05	3.76E-05	7.73E-06
3034	624385.09	4264568.68	0.00024134	8.30E-05	2.02E-04	6.21E-05	4.78E-05	1.59E-05	3.72E-05	7.66E-06
3035	624375.18	4264568.55	0.00023899	8.22E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05	7.58E-06
3036	624349.93	4265668.3	0.0026364	9.07E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.37E-05
3037	624349.79	4265678.19	0.0028065	9.65E-04	2.35E-03	7.23E-04	5.56E-04	1.85E-04	4.33E-04	8.91E-05
3038	624349.64	4265688.08	0.0029927	1.03E-03	2.50E-03	7.71E-04	5.92E-04	1.97E-04	4.62E-04	9.50E-05
3039	624349.5	4265697.97	0.0031923	1.10E-03	2.67E-03	8.22E-04	6.32E-04	2.10E-04	4.93E-04	1.01E-04
3040	624349.36	4265707.87	0.0034001	1.17E-03	2.84E-03	8.75E-04	6.73E-04	2.24E-04	5.25E-04	1.08E-04
3041	624349.22	4265717.76	0.0036119	1.24E-03	3.02E-03	9.30E-04	7.15E-04	2.38E-04	5.57E-04	1.15E-04
3042	624349.07	4265727.65	0.003825	1.32E-03	3.20E-03	9.85E-04	7.57E-04	2.52E-04	5.90E-04	1.21E-04
3043	624348.93	4265737.54	0.0040361	1.39E-03	3.37E-03	1.04E-03	7.99E-04	2.66E-04	6.23E-04	1.28E-04
3044	624348.79	4265747.44	0.0042399	1.46E-03	3.54E-03	1.09E-03	8.39E-04	2.79E-04	6.54E-04	1.35E-04
3045	624348.64	4265757.33	0.0044324	1.52E-03	3.70E-03	1.14E-03	8.77E-04	2.92E-04	6.84E-04	1.41E-04
3046	624348.5	4265767.22	0.0046133	1.59E-03	3.86E-03	1.19E-03	9.13E-04	3.04E-04	7.12E-04	1.46E-04
3047	624348.36	4265777.11	0.0047814	1.64E-03	4.00E-03	1.23E-03	9.46E-04	3.15E-04	7.38E-04	1.52E-04
3048	624348.21	4265787.01	0.0049358	1.70E-03	4.13E-03	1.27E-03	9.77E-04	3.25E-04	7.62E-04	1.57E-04
3049	624348.07	4265796.9	0.0050782	1.75E-03	4.24E-03	1.31E-03	1.01E-03	3.35E-04	7.84E-04	1.61E-04
3050	624347.93	4265806.79	0.0052086	1.79E-03	4.35E-03	1.34E-03	1.03E-03	3.43E-04	8.04E-04	1.65E-04
3051	624347.78	4265816.68	0.005327	1.83E-03	4.45E-03	1.37E-03	1.05E-03	3.51E-04	8.22E-04	1.69E-04
3052	624347.64	4265826.58	0.0054361	1.87E-03	4.54E-03	1.40E-03	1.08E-03	3.58E-04	8.39E-04	1.73E-04
3053	624342.96	4265661.12	0.0023846	8.20E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04	7.57E-05
3054	624339.79	4265678.04	0.0025559	8.79E-04	2.14E-03	6.58E-04	5.06E-04	1.68E-04	3.94E-04	8.11E-05
3055	624339.65	4265687.94	0.0027023	9.29E-04	2.26E-03	6.96E-04	5.35E-04	1.78E-04	4.17E-04	8.58E-05
3056	624339.5	4265697.83	0.0028578	9.83E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04	9.07E-05
3057	624339.36	4265707.72	0.0030201	1.04E-03	2.52E-03	7.78E-04	5.98E-04	1.99E-04	4.66E-04	9.58E-05
3058	624339.22	4265717.61	0.0031858	1.10E-03	2.66E-03	8.20E-04	6.31E-04	2.10E-04	4.92E-04	1.01E-04
3059	624339.07	4265727.51	0.0033532	1.15E-03	2.80E-03	8.63E-04	6.64E-04	2.21E-04	5.17E-04	1.06E-04
3060	624338.93	4265737.4	0.003521	1.21E-03	2.94E-03	9.07E-04	6.97E-04	2.32E-04	5.43E-04	1.12E-04
3061	624338.79	4265747.29	0.003686	1.27E-03	3.08E-03	9.49E-04	7.30E-04	2.43E-04	5.69E-04	1.17E-04
3062	624338.64	4265757.18	0.0038452	1.32E-03	3.21E-03	9.90E-04	7.61E-04	2.53E-04	5.93E-04	1.22E-04
3063	624338.5	4265767.08	0.0039981	1.37E-03	3.34E-03	1.03E-03	7.91E-04	2.63E-04	6.17E-04	1.27E-04
3064	624338.36	4265776.97	0.0041427	1.42E-03	3.46E-03	1.07E-03	8.20E-04	2.73E-04	6.39E-04	1.31E-04
3065	624338.21	4265786.86	0.0042781	1.47E-03	3.58E-03	1.10E-03	8.47E-04	2.82E-04	6.60E-04	1.36E-04
3066	624338.07	4265796.75	0.004405	1.51E-03	3.68E-03	1.13E-03	8.72E-04	2.90E-04	6.80E-04	1.40E-04
3067	624337.93	4265806.65	0.0045229	1.56E-03	3.78E-03	1.16E-03	8.95E-04	2.98E-04	6.98E-04	1.44E-04
3068	624337.79	4265816.54	0.0046318	1.59E-03	3.87E-03	1.19E-03	9.17E-04	3.05E-04	7.15E-04	1.47E-04
3069	624337.64	4265826.43	0.0047314	1.63E-03	3.95E-03	1.22E-03	9.37E-04	3.12E-04	7.30E-04	1.50E-04
3070	624332.96	4265660.98	0.0022127	7.61E-04	1.85E-03	5.70E-04	4.38E-04	1.46E-04	3.41E-04	7.02E-05
3071	624346.13	4265644.1	0.002222	7.64E-04	1.86E-03	5.72E-04	4.40E-04	1.46E-04	3.43E-04	7.05E-05
3072	624329.79	4265677.9	0.0023511	8.08E-04	1.97E-03	6.05E-04	4.65E-04	1.55E-04	3.63E-04	7.46E-05
3073	624329.65	4265687.79	0.0024691	8.49E-04	2.06E-03	6.36E-04	4.89E-04	1.63E-04	3.81E-04	7.84E-05
3074	624329.5	4265697.68	0.002594	8.92E-04	2.17E-03	6.68E-04	5.13E-04	1.71E-04	4.00E-04	8.23E-05
3075	624329.36	4265707.58	0.0027247	9.37E-04	2.28E-03	7.02E-04	5.39E-04	1.80E-04	4.20E-04	8.65E-05
3076	624329.22	4265717.47	0.0028584	9.83E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04	9.07E-05

3077	624329.07	4265727.36	0.0029934	1.03E-03	2.50E-03	7.71E-04	5.93E-04	1.97E-04	4.62E-04	9.50E-05
3078	624328.93	4265737.25	0.0031294	1.08E-03	2.62E-03	8.06E-04	6.19E-04	2.06E-04	4.83E-04	9.93E-05
3079	624328.79	4265747.15	0.0032649	1.12E-03	2.73E-03	8.41E-04	6.46E-04	2.15E-04	5.04E-04	1.04E-04
3080	624328.65	4265757.04	0.0033978	1.17E-03	2.84E-03	8.75E-04	6.73E-04	2.24E-04	5.24E-04	1.08E-04
3081	624328.5	4265766.93	0.0035262	1.21E-03	2.95E-03	9.08E-04	6.98E-04	2.32E-04	5.44E-04	1.12E-04
3082	624328.36	4265776.82	0.0036501	1.26E-03	3.05E-03	9.40E-04	7.22E-04	2.40E-04	5.63E-04	1.16E-04
3083	624328.22	4265786.72	0.0037684	1.30E-03	3.15E-03	9.70E-04	7.46E-04	2.48E-04	5.81E-04	1.20E-04
3084	624328.07	4265796.61	0.0038798	1.33E-03	3.24E-03	9.99E-04	7.68E-04	2.56E-04	5.99E-04	1.23E-04
3085	624327.93	4265806.5	0.0039851	1.37E-03	3.33E-03	1.03E-03	7.89E-04	2.63E-04	6.15E-04	1.26E-04
3086	624327.79	4265816.39	0.0040836	1.40E-03	3.41E-03	1.05E-03	8.08E-04	2.69E-04	6.30E-04	1.30E-04
3087	624327.64	4265826.29	0.0041748	1.44E-03	3.49E-03	1.07E-03	8.26E-04	2.75E-04	6.44E-04	1.32E-04
3088	624322.96	4265660.84	0.0020654	7.10E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04	6.55E-05
3089	624329.02	4265646.78	0.002016	6.93E-04	1.69E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04	6.40E-05
3090	624309.79	4265677.61	0.0020336	6.99E-04	1.70E-03	5.24E-04	4.03E-04	1.34E-04	3.14E-04	6.45E-05
3091	624309.65	4265687.5	0.0021157	7.28E-04	1.77E-03	5.45E-04	4.19E-04	1.39E-04	3.26E-04	6.71E-05
3092	624309.51	4265697.39	0.002202	7.57E-04	1.84E-03	5.67E-04	4.36E-04	1.45E-04	3.40E-04	6.99E-05
3093	624309.36	4265707.29	0.0022919	7.88E-04	1.92E-03	5.90E-04	4.54E-04	1.51E-04	3.54E-04	7.27E-05
3094	624309.22	4265717.18	0.0023847	8.20E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04	7.57E-05
3095	624309.08	4265727.07	0.0024791	8.52E-04	2.07E-03	6.38E-04	4.91E-04	1.63E-04	3.83E-04	7.87E-05
3096	624308.93	4265736.96	0.0025739	8.85E-04	2.15E-03	6.63E-04	5.09E-04	1.70E-04	3.97E-04	8.17E-05
3097	624308.79	4265746.86	0.0026691	9.18E-04	2.23E-03	6.87E-04	5.28E-04	1.76E-04	4.12E-04	8.47E-05
3098	624308.65	4265756.75	0.0027639	9.50E-04	2.31E-03	7.12E-04	5.47E-04	1.82E-04	4.26E-04	8.77E-05
3099	624308.5	4265766.64	0.0028571	9.82E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04	9.07E-05
3100	624308.36	4265776.53	0.0029486	1.01E-03	2.46E-03	7.59E-04	5.84E-04	1.94E-04	4.55E-04	9.36E-05
3101	624308.07	4265796.32	0.0031231	1.07E-03	2.61E-03	8.04E-04	6.18E-04	2.06E-04	4.82E-04	9.91E-05
3102	624307.93	4265806.21	0.0032055	1.10E-03	2.68E-03	8.25E-04	6.34E-04	2.11E-04	4.95E-04	1.02E-04
3103	624307.79	4265816.1	0.0032841	1.13E-03	2.75E-03	8.46E-04	6.50E-04	2.16E-04	5.07E-04	1.04E-04
3104	624307.65	4265826	0.0033586	1.15E-03	2.81E-03	8.65E-04	6.65E-04	2.21E-04	5.18E-04	1.07E-04
3105	624303.57	4265659.14	0.0018216	6.26E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04	5.78E-05
3106	624299.94	4265667.57	0.00184	6.33E-04	1.54E-03	4.74E-04	3.64E-04	1.21E-04	2.84E-04	5.84E-05
3107	624299.79	4265677.46	0.0019069	6.56E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
3108	624299.65	4265687.36	0.0019772	6.80E-04	1.65E-03	5.09E-04	3.91E-04	1.30E-04	3.05E-04	6.27E-05
3109	624299.51	4265697.25	0.0020506	7.05E-04	1.71E-03	5.28E-04	4.06E-04	1.35E-04	3.16E-04	6.51E-05
3110	624299.36	4265707.14	0.002127	7.31E-04	1.78E-03	5.48E-04	4.21E-04	1.40E-04	3.28E-04	6.75E-05
3111	624299.22	4265717.03	0.0022061	7.59E-04	1.84E-03	5.68E-04	4.37E-04	1.45E-04	3.40E-04	7.00E-05
3112	624299.08	4265726.93	0.0022869	7.86E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04	7.26E-05
3113	624298.93	4265736.82	0.002368	8.14E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.65E-04	7.52E-05
3114	624298.79	4265746.71	0.0024496	8.42E-04	2.05E-03	6.31E-04	4.85E-04	1.61E-04	3.78E-04	7.77E-05
3115	624298.65	4265756.6	0.002531	8.70E-04	2.12E-03	6.52E-04	5.01E-04	1.67E-04	3.91E-04	8.03E-05
3116	624298.51	4265766.5	0.0026117	8.98E-04	2.18E-03	6.72E-04	5.17E-04	1.72E-04	4.03E-04	8.29E-05
3117	624298.36	4265776.39	0.0026908	9.25E-04	2.25E-03	6.93E-04	5.33E-04	1.77E-04	4.15E-04	8.54E-05
3118	624298.08	4265796.17	0.0028435	9.78E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04	9.02E-05
3119	624297.93	4265806.07	0.002916	1.00E-03	2.44E-03	7.51E-04	5.77E-04	1.92E-04	4.50E-04	9.25E-05
3120	624297.79	4265815.96	0.0029858	1.03E-03	2.50E-03	7.69E-04	5.91E-04	1.97E-04	4.61E-04	9.48E-05
3121	624297.65	4265825.85	0.0030523	1.05E-03	2.55E-03	7.86E-04	6.04E-04	2.01E-04	4.71E-04	9.69E-05
3122	624293.47	4265659.23	0.0017225	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04	5.47E-05
3123	624289.94	4265667.43	0.0017374	5.97E-04	1.45E-03	4.47E-04	3.44E-04	1.14E-04	2.68E-04	5.51E-05
3124	624289.79	4265677.32	0.0017956	6.17E-04	1.50E-03	4.62E-04	3.55E-04	1.18E-04	2.77E-04	5.70E-05
3125	624289.65	4265687.21	0.0018564	6.38E-04	1.55E-03	4.78E-04	3.67E-04	1.22E-04	2.86E-04	5.89E-05
3126	624289.51	4265697.1	0.0019197	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
3127	624289.36	4265707	0.0019854	6.83E-04	1.66E-03	5.11E-04	3.93E-04	1.31E-04	3.06E-04	6.30E-05
3128	624289.22	4265716.89	0.0020535	7.06E-04	1.72E-03	5.29E-04	4.06E-04	1.35E-04	3.17E-04	6.52E-05
3129	624289.08	4265726.78	0.0021233	7.30E-04	1.77E-03	5.47E-04	4.20E-04	1.40E-04	3.28E-04	6.74E-05
3130	624288.94	4265736.67	0.0021939	7.54E-04	1.83E-03	5.65E-04	4.34E-04	1.45E-04	3.39E-04	6.96E-05
3131	624288.79	4265746.57	0.0022646	7.79E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04	7.19E-05

3132	624288.65	4265756.46	0.0023352	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.41E-05
3133	624288.51	4265766.35	0.0024054	8.27E-04	2.01E-03	6.19E-04	4.76E-04	1.58E-04	3.71E-04	7.63E-05
3134	624288.36	4265776.24	0.0024744	8.51E-04	2.07E-03	6.37E-04	4.90E-04	1.63E-04	3.82E-04	7.85E-05
3135	624288.08	4265796.03	0.0026086	8.97E-04	2.18E-03	6.72E-04	5.16E-04	1.72E-04	4.03E-04	8.28E-05
3136	624287.93	4265805.92	0.0026726	9.19E-04	2.23E-03	6.88E-04	5.29E-04	1.76E-04	4.12E-04	8.48E-05
3137	624287.79	4265815.81	0.0027345	9.40E-04	2.29E-03	7.04E-04	5.41E-04	1.80E-04	4.22E-04	8.68E-05
3138	624287.65	4265825.71	0.002794	9.61E-04	2.34E-03	7.19E-04	5.53E-04	1.84E-04	4.31E-04	8.87E-05
3139	624283.4	4265659.25	0.0016332	5.62E-04	1.37E-03	4.20E-04	3.23E-04	1.08E-04	2.52E-04	5.18E-05
3140	624279.8	4265677.18	0.0016967	5.83E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.38E-05
3141	624279.65	4265687.07	0.0017498	6.02E-04	1.46E-03	4.51E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
3142	624279.51	4265696.96	0.0018049	6.21E-04	1.51E-03	4.65E-04	3.57E-04	1.19E-04	2.79E-04	5.73E-05
3143	624279.37	4265706.85	0.001862	6.40E-04	1.56E-03	4.79E-04	3.69E-04	1.23E-04	2.87E-04	5.91E-05
3144	624279.22	4265716.75	0.0019211	6.61E-04	1.61E-03	4.95E-04	3.80E-04	1.27E-04	2.96E-04	6.10E-05
3145	624279.08	4265726.64	0.001982	6.82E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04	6.29E-05
3146	624278.94	4265736.53	0.0020438	7.03E-04	1.71E-03	5.26E-04	4.05E-04	1.35E-04	3.15E-04	6.49E-05
3147	624278.79	4265746.42	0.0021057	7.24E-04	1.76E-03	5.42E-04	4.17E-04	1.39E-04	3.25E-04	6.68E-05
3148	624278.65	4265756.32	0.0021677	7.45E-04	1.81E-03	5.58E-04	4.29E-04	1.43E-04	3.34E-04	6.88E-05
3149	624278.51	4265766.21	0.0022292	7.67E-04	1.86E-03	5.74E-04	4.41E-04	1.47E-04	3.44E-04	7.07E-05
3150	624278.36	4265776.1	0.0022899	7.87E-04	1.91E-03	5.90E-04	4.53E-04	1.51E-04	3.53E-04	7.27E-05
3151	624278.08	4265795.89	0.0024085	8.28E-04	2.01E-03	6.20E-04	4.77E-04	1.59E-04	3.72E-04	7.64E-05
3152	624277.93	4265805.78	0.0024652	8.48E-04	2.06E-03	6.35E-04	4.88E-04	1.62E-04	3.80E-04	7.82E-05
3153	624277.79	4265815.67	0.0025204	8.67E-04	2.11E-03	6.49E-04	4.99E-04	1.66E-04	3.89E-04	8.00E-05
3154	624277.65	4265825.56	0.0025735	8.85E-04	2.15E-03	6.63E-04	5.09E-04	1.70E-04	3.97E-04	8.17E-05
3155	624342.9	4265585.72	0.0016641	5.72E-04	1.39E-03	4.28E-04	3.29E-04	1.10E-04	2.57E-04	5.28E-05
3156	624352.04	4265582.09	0.0017033	5.86E-04	1.42E-03	4.39E-04	3.37E-04	1.12E-04	2.63E-04	5.41E-05
3157	624269.94	4265667.14	0.0015624	5.37E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04	4.96E-05
3158	624269.8	4265677.03	0.0016078	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
3159	624269.65	4265686.92	0.0016546	5.69E-04	1.38E-03	4.26E-04	3.28E-04	1.09E-04	2.55E-04	5.25E-05
3160	624269.51	4265696.82	0.001703	5.86E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04	5.40E-05
3161	624269.37	4265706.71	0.001753	6.03E-04	1.47E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04	5.56E-05
3162	624269.22	4265716.6	0.0018047	6.21E-04	1.51E-03	4.65E-04	3.57E-04	1.19E-04	2.78E-04	5.73E-05
3163	624269.08	4265726.49	0.0018582	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04	5.90E-05
3164	624268.94	4265736.39	0.0019127	6.58E-04	1.60E-03	4.92E-04	3.79E-04	1.26E-04	2.95E-04	6.07E-05
3165	624268.79	4265746.28	0.0019674	6.77E-04	1.64E-03	5.07E-04	3.89E-04	1.30E-04	3.04E-04	6.24E-05
3166	624268.65	4265756.17	0.0020222	6.95E-04	1.69E-03	5.21E-04	4.00E-04	1.33E-04	3.12E-04	6.42E-05
3167	624268.51	4265766.06	0.0020766	7.14E-04	1.74E-03	5.35E-04	4.11E-04	1.37E-04	3.20E-04	6.59E-05
3168	624268.37	4265775.96	0.0021307	7.33E-04	1.78E-03	5.49E-04	4.22E-04	1.40E-04	3.29E-04	6.76E-05
3169	624268.08	4265795.74	0.0022357	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04	7.10E-05
3170	624267.94	4265805.63	0.0022865	7.86E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04	7.26E-05
3171	624267.79	4265815.53	0.0023357	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.41E-05
3172	624267.65	4265825.42	0.0023833	8.20E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04	7.56E-05
3173	624316.89	4265586.13	0.0014981	5.15E-04	1.25E-03	3.86E-04	2.97E-04	9.87E-05	2.31E-04	4.75E-05
3174	624325.77	4265582.59	0.0015331	5.27E-04	1.28E-03	3.95E-04	3.03E-04	1.01E-04	2.37E-04	4.87E-05
3175	624334.66	4265579.06	0.0015675	5.39E-04	1.31E-03	4.04E-04	3.10E-04	1.03E-04	2.42E-04	4.97E-05
3176	624343.54	4265575.52	0.0016014	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.06E-04	2.47E-04	5.08E-05
3177	624352.43	4265571.99	0.0016356	5.62E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.52E-04	5.19E-05
3178	624259.94	4265666.99	0.0014866	5.11E-04	1.24E-03	3.83E-04	2.94E-04	9.79E-05	2.29E-04	4.72E-05
3179	624259.8	4265676.89	0.0015272	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
3180	624259.65	4265686.78	0.0015688	5.39E-04	1.31E-03	4.04E-04	3.11E-04	1.03E-04	2.42E-04	4.98E-05
3181	624259.51	4265696.67	0.0016115	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04	5.11E-05
3182	624259.37	4265706.56	0.0016556	5.69E-04	1.38E-03	4.26E-04	3.28E-04	1.09E-04	2.55E-04	5.25E-05
3183	624259.22	4265716.46	0.0017012	5.85E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04	5.40E-05
3184	624259.08	4265726.35	0.0017484	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
3185	624258.94	4265736.24	0.0017966	6.18E-04	1.50E-03	4.63E-04	3.56E-04	1.18E-04	2.77E-04	5.70E-05
3186	624258.8	4265746.13	0.0018454	6.35E-04	1.54E-03	4.75E-04	3.65E-04	1.22E-04	2.85E-04	5.86E-05

3187	624258.65	4265756.03	0.0018942	6.51E-04	1.58E-03	4.88E-04	3.75E-04	1.25E-04	2.92E-04	6.01E-05
3188	624258.51	4265765.92	0.0019428	6.68E-04	1.62E-03	5.00E-04	3.85E-04	1.28E-04	3.00E-04	6.17E-05
3189	624258.37	4265775.81	0.0019909	6.85E-04	1.66E-03	5.13E-04	3.94E-04	1.31E-04	3.07E-04	6.32E-05
3190	624258.08	4265795.6	0.0020848	7.17E-04	1.74E-03	5.37E-04	4.13E-04	1.37E-04	3.22E-04	6.62E-05
3191	624257.94	4265805.49	0.0021303	7.33E-04	1.78E-03	5.48E-04	4.22E-04	1.40E-04	3.29E-04	6.76E-05
3192	624257.79	4265815.38	0.0021745	7.48E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.36E-04	6.90E-05
3193	624257.65	4265825.27	0.0022173	7.62E-04	1.85E-03	5.71E-04	4.39E-04	1.46E-04	3.42E-04	7.04E-05
3194	624238.73	4265657.85	0.0013167	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04	4.18E-05
3195	624242.51	4265649.07	0.0013101	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.63E-05	2.02E-04	4.16E-05
3196	624246.3	4265640.28	0.0013033	4.48E-04	1.09E-03	3.36E-04	2.58E-04	8.59E-05	2.01E-04	4.14E-05
3197	624269.02	4265587.59	0.0012517	4.30E-04	1.05E-03	3.22E-04	2.48E-04	8.25E-05	1.93E-04	3.97E-05
3198	624281.69	4265575.27	0.0012688	4.36E-04	1.06E-03	3.27E-04	2.51E-04	8.36E-05	1.96E-04	4.03E-05
3199	624290.57	4265571.74	0.001297	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.55E-05	2.00E-04	4.12E-05
3200	624299.46	4265568.2	0.0013252	4.56E-04	1.11E-03	3.41E-04	2.62E-04	8.73E-05	2.04E-04	4.21E-05
3201	624308.35	4265564.67	0.0013529	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.91E-05	2.09E-04	4.29E-05
3202	624317.23	4265561.13	0.0013799	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04	4.38E-05
3203	624326.12	4265557.59	0.0014062	4.84E-04	1.18E-03	3.62E-04	2.78E-04	9.26E-05	2.17E-04	4.46E-05
3204	624335	4265554.06	0.0014322	4.92E-04	1.20E-03	3.69E-04	2.83E-04	9.44E-05	2.21E-04	4.55E-05
3205	624343.89	4265550.52	0.0014582	5.01E-04	1.22E-03	3.75E-04	2.89E-04	9.61E-05	2.25E-04	4.63E-05
3206	624352.78	4265546.99	0.0014851	5.11E-04	1.24E-03	3.82E-04	2.94E-04	9.78E-05	2.29E-04	4.71E-05
3207	624234.66	4265686.42	0.0013857	4.77E-04	1.16E-03	3.57E-04	2.74E-04	9.13E-05	2.14E-04	4.40E-05
3208	624234.51	4265696.31	0.001418	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.34E-05	2.19E-04	4.50E-05
3209	624234.37	4265706.2	0.001451	4.99E-04	1.21E-03	3.74E-04	2.87E-04	9.56E-05	2.24E-04	4.60E-05
3210	624234.23	4265716.09	0.0014851	5.11E-04	1.24E-03	3.82E-04	2.94E-04	9.78E-05	2.29E-04	4.71E-05
3211	624234.08	4265725.99	0.0015203	5.23E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.35E-04	4.82E-05
3212	624233.94	4265735.88	0.0015567	5.35E-04	1.30E-03	4.01E-04	3.08E-04	1.03E-04	2.40E-04	4.94E-05
3213	624233.8	4265745.77	0.0015939	5.48E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04	5.06E-05
3214	624233.65	4265755.66	0.0016314	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.52E-04	5.18E-05
3215	624233.51	4265765.56	0.001669	5.74E-04	1.40E-03	4.30E-04	3.30E-04	1.10E-04	2.58E-04	5.30E-05
3216	624233.37	4265775.45	0.0017064	5.87E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04	5.42E-05
3217	624233.23	4265785.34	0.0017432	5.99E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.53E-05
3218	624233.08	4265795.23	0.0017793	6.12E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.75E-04	5.65E-05
3219	624232.94	4265805.13	0.0018148	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.20E-04	2.80E-04	5.76E-05
3220	624232.8	4265815.02	0.0018495	6.36E-04	1.55E-03	4.76E-04	3.66E-04	1.22E-04	2.85E-04	5.87E-05
3221	624232.65	4265824.91	0.001883	6.48E-04	1.57E-03	4.85E-04	3.73E-04	1.24E-04	2.91E-04	5.98E-05
3222	624213.73	4265657.49	0.0011842	4.07E-04	9.90E-04	3.05E-04	2.34E-04	7.80E-05	1.83E-04	3.76E-05
3223	624217.52	4265648.71	0.0011797	4.06E-04	9.86E-04	3.04E-04	2.34E-04	7.77E-05	1.82E-04	3.74E-05
3224	624221.3	4265639.92	0.001175	4.04E-04	9.82E-04	3.03E-04	2.33E-04	7.74E-05	1.81E-04	3.73E-05
3225	624225.09	4265631.14	0.0011703	4.02E-04	9.78E-04	3.01E-04	2.32E-04	7.71E-05	1.81E-04	3.71E-05
3226	624244.02	4265587.23	0.0011428	3.93E-04	9.55E-04	2.94E-04	2.26E-04	7.53E-05	1.76E-04	3.63E-05
3227	624247.81	4265578.45	0.0011353	3.90E-04	9.49E-04	2.92E-04	2.25E-04	7.48E-05	1.75E-04	3.60E-05
3228	624251.59	4265569.66	0.0011271	3.88E-04	9.42E-04	2.90E-04	2.23E-04	7.43E-05	1.74E-04	3.58E-05
3229	624264.26	4265557.35	0.0011419	3.93E-04	9.54E-04	2.94E-04	2.26E-04	7.52E-05	1.76E-04	3.62E-05
3230	624273.15	4265553.81	0.0011652	4.01E-04	9.74E-04	3.00E-04	2.31E-04	7.68E-05	1.80E-04	3.70E-05
3231	624282.04	4265550.28	0.0011884	4.09E-04	9.93E-04	3.06E-04	2.35E-04	7.83E-05	1.83E-04	3.77E-05
3232	624290.92	4265546.74	0.001211	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04	3.84E-05
3233	624299.81	4265543.2	0.0012331	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
3234	624308.69	4265539.67	0.0012544	4.31E-04	1.05E-03	3.23E-04	2.48E-04	8.26E-05	1.94E-04	3.98E-05
3235	624317.58	4265536.13	0.0012752	4.39E-04	1.07E-03	3.28E-04	2.52E-04	8.40E-05	1.97E-04	4.05E-05
3236	624326.47	4265532.6	0.0012956	4.46E-04	1.08E-03	3.34E-04	2.56E-04	8.54E-05	2.00E-04	4.11E-05
3237	624335.35	4265529.06	0.0013159	4.53E-04	1.10E-03	3.39E-04	2.60E-04	8.67E-05	2.03E-04	4.18E-05
3238	624344.24	4265525.53	0.0013368	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04	4.24E-05
3239	624353.12	4265521.99	0.0013585	4.67E-04	1.14E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04	4.31E-05
3240	624209.95	4265666.27	0.0011884	4.09E-04	9.93E-04	3.06E-04	2.35E-04	7.83E-05	1.83E-04	3.77E-05
3241	624209.8	4265676.16	0.0012131	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05

3242	624209.66	4265686.06	0.0012381	4.26E-04	1.03E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04	3.93E-05
3243	624209.09	4265725.63	0.0013424	4.62E-04	1.12E-03	3.46E-04	2.66E-04	8.84E-05	2.07E-04	4.26E-05
3244	624208.94	4265735.52	0.0013704	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.11E-04	4.35E-05
3245	624208.8	4265745.41	0.0013995	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.22E-05	2.16E-04	4.44E-05
3246	624208.66	4265755.3	0.0014291	4.91E-04	1.19E-03	3.68E-04	2.83E-04	9.42E-05	2.21E-04	4.54E-05
3247	624208.51	4265765.2	0.001459	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.61E-05	2.25E-04	4.63E-05
3248	624208.37	4265775.09	0.0014888	5.12E-04	1.24E-03	3.83E-04	2.95E-04	9.81E-05	2.30E-04	4.72E-05
3249	624208.23	4265784.98	0.0015184	5.22E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.34E-04	4.82E-05
3250	624208.09	4265794.87	0.0015476	5.32E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.39E-04	4.91E-05
3251	624207.94	4265804.77	0.0015761	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
3252	624207.8	4265814.66	0.0016041	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04	5.09E-05
3253	624207.66	4265824.55	0.0016313	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.52E-04	5.18E-05
3254	624219.02	4265586.87	0.0010468	3.60E-04	8.75E-04	2.70E-04	2.07E-04	6.90E-05	1.62E-04	3.32E-05
3255	624222.81	4265578.09	0.001042	3.58E-04	8.71E-04	2.68E-04	2.06E-04	6.87E-05	1.61E-04	3.31E-05
3256	624226.59	4265569.3	0.0010365	3.56E-04	8.66E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04	3.29E-05
3257	624230.38	4265560.52	0.0010306	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04	3.27E-05
3258	624234.17	4265551.74	0.0010242	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04	3.25E-05
3259	624246.84	4265539.42	0.0010373	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04	3.29E-05
3260	624255.72	4265535.88	0.0010571	3.64E-04	8.84E-04	2.72E-04	2.09E-04	6.96E-05	1.63E-04	3.35E-05
3261	624264.61	4265532.35	0.0010767	3.70E-04	9.00E-04	2.77E-04	2.13E-04	7.09E-05	1.66E-04	3.42E-05
3262	624273.5	4265528.81	0.0010958	3.77E-04	9.16E-04	2.82E-04	2.17E-04	7.22E-05	1.69E-04	3.48E-05
3263	624282.38	4265525.28	0.0011143	3.83E-04	9.31E-04	2.87E-04	2.21E-04	7.34E-05	1.72E-04	3.54E-05
3264	624291.27	4265521.74	0.0011322	3.89E-04	9.46E-04	2.91E-04	2.24E-04	7.46E-05	1.75E-04	3.59E-05
3265	624300.15	4265518.21	0.0011494	3.95E-04	9.61E-04	2.96E-04	2.28E-04	7.57E-05	1.77E-04	3.65E-05
3266	624309.04	4265514.67	0.001166	4.01E-04	9.75E-04	3.00E-04	2.31E-04	7.68E-05	1.80E-04	3.70E-05
3267	624317.93	4265511.14	0.0011824	4.07E-04	9.88E-04	3.04E-04	2.34E-04	7.79E-05	1.82E-04	3.75E-05
3268	624326.81	4265507.6	0.0011985	4.12E-04	1.00E-03	3.09E-04	2.37E-04	7.90E-05	1.85E-04	3.80E-05
3269	624335.7	4265504.06	0.001215	4.18E-04	1.02E-03	3.13E-04	2.40E-04	8.00E-05	1.87E-04	3.86E-05
3270	624344.58	4265500.53	0.0012321	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
3271	624353.47	4265496.99	0.0012504	4.30E-04	1.05E-03	3.22E-04	2.48E-04	8.24E-05	1.93E-04	3.97E-05
3272	624184.95	4265665.91	0.0010761	3.70E-04	8.99E-04	2.77E-04	2.13E-04	7.09E-05	1.66E-04	3.42E-05
3273	624184.81	4265675.8	0.0010962	3.77E-04	9.16E-04	2.82E-04	2.17E-04	7.22E-05	1.69E-04	3.48E-05
3274	624184.66	4265685.69	0.0011163	3.84E-04	9.33E-04	2.87E-04	2.21E-04	7.36E-05	1.72E-04	3.54E-05
3275	624184.52	4265695.59	0.0011367	3.91E-04	9.50E-04	2.93E-04	2.25E-04	7.49E-05	1.75E-04	3.61E-05
3276	624184.38	4265705.48	0.0011571	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.79E-04	3.67E-05
3277	624184.23	4265715.37	0.0011778	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
3278	624184.09	4265725.26	0.0011991	4.12E-04	1.00E-03	3.09E-04	2.37E-04	7.90E-05	1.85E-04	3.81E-05
3279	624183.95	4265735.16	0.0012213	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04	3.88E-05
3280	624183.8	4265745.05	0.0012442	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.20E-05	1.92E-04	3.95E-05
3281	624183.66	4265754.94	0.0012679	4.36E-04	1.06E-03	3.26E-04	2.51E-04	8.35E-05	1.96E-04	4.02E-05
3282	624183.52	4265764.83	0.0012921	4.44E-04	1.08E-03	3.33E-04	2.56E-04	8.51E-05	1.99E-04	4.10E-05
3283	624183.37	4265774.73	0.0013165	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.67E-05	2.03E-04	4.18E-05
3284	624183.23	4265784.62	0.0013409	4.61E-04	1.12E-03	3.45E-04	2.65E-04	8.83E-05	2.07E-04	4.26E-05
3285	624183.09	4265794.51	0.001365	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.11E-04	4.33E-05
3286	624182.94	4265804.4	0.0013886	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.15E-05	2.14E-04	4.41E-05
3287	624182.8	4265814.3	0.0014119	4.86E-04	1.18E-03	3.64E-04	2.79E-04	9.30E-05	2.18E-04	4.48E-05
3288	624194.02	4265586.51	0.00096126	3.31E-04	8.03E-04	2.47E-04	1.90E-04	6.33E-05	1.48E-04	3.05E-05
3289	624197.81	4265577.72	0.00095857	3.30E-04	8.01E-04	2.47E-04	1.90E-04	6.32E-05	1.48E-04	3.04E-05
3290	624201.6	4265568.94	0.00095541	3.29E-04	7.99E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
3291	624205.38	4265560.16	0.00095162	3.27E-04	7.95E-04	2.45E-04	1.88E-04	6.27E-05	1.47E-04	3.02E-05
3292	624209.17	4265551.38	0.00094731	3.26E-04	7.92E-04	2.44E-04	1.88E-04	6.24E-05	1.46E-04	3.01E-05
3293	624212.95	4265542.59	0.00094252	3.24E-04	7.88E-04	2.43E-04	1.87E-04	6.21E-05	1.45E-04	2.99E-05
3294	624216.74	4265533.81	0.00093738	3.22E-04	7.84E-04	2.41E-04	1.86E-04	6.18E-05	1.45E-04	2.97E-05
3295	624229.41	4265521.49	0.00094907	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
3296	624238.3	4265517.96	0.00096631	3.32E-04	8.08E-04	2.49E-04	1.91E-04	6.37E-05	1.49E-04	3.07E-05

3297	624247.18	4265514.42	0.00098319	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04	3.12E-05
3298	624256.07	4265510.89	0.00099972	3.44E-04	8.36E-04	2.57E-04	1.98E-04	6.59E-05	1.54E-04	3.17E-05
3299	624264.96	4265507.35	0.0010157	3.49E-04	8.49E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
3300	624273.84	4265503.82	0.001031	3.55E-04	8.62E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04	3.27E-05
3301	624282.73	4265500.28	0.0010457	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04	3.32E-05
3302	624291.61	4265496.74	0.0010598	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04	3.36E-05
3303	624300.5	4265493.21	0.0010734	3.69E-04	8.97E-04	2.76E-04	2.12E-04	7.07E-05	1.66E-04	3.41E-05
3304	624309.39	4265489.67	0.0010866	3.74E-04	9.08E-04	2.80E-04	2.15E-04	7.16E-05	1.68E-04	3.45E-05
3305	624318.27	4265486.14	0.0010997	3.78E-04	9.19E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
3306	624327.16	4265482.6	0.0011129	3.83E-04	9.30E-04	2.87E-04	2.20E-04	7.33E-05	1.72E-04	3.53E-05
3307	624336.04	4265479.07	0.0011266	3.87E-04	9.42E-04	2.90E-04	2.23E-04	7.42E-05	1.74E-04	3.58E-05
3308	624344.93	4265475.53	0.0011413	3.92E-04	9.54E-04	2.94E-04	2.26E-04	7.52E-05	1.76E-04	3.62E-05
3309	624353.82	4265471.99	0.0011569	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.79E-04	3.67E-05
3310	624159.52	4265695.22	0.001031	3.55E-04	8.62E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04	3.27E-05
3311	624159.38	4265705.12	0.0010476	3.60E-04	8.76E-04	2.70E-04	2.07E-04	6.90E-05	1.62E-04	3.32E-05
3312	624159.24	4265715.01	0.0010644	3.66E-04	8.90E-04	2.74E-04	2.11E-04	7.01E-05	1.64E-04	3.38E-05
3313	624159.09	4265724.9	0.0010815	3.72E-04	9.04E-04	2.78E-04	2.14E-04	7.13E-05	1.67E-04	3.43E-05
3314	624158.95	4265734.79	0.0010993	3.78E-04	9.19E-04	2.83E-04	2.18E-04	7.24E-05	1.70E-04	3.49E-05
3315	624158.81	4265744.69	0.0011177	3.84E-04	9.34E-04	2.88E-04	2.21E-04	7.36E-05	1.72E-04	3.55E-05
3316	624158.66	4265754.58	0.0011368	3.91E-04	9.50E-04	2.93E-04	2.25E-04	7.49E-05	1.75E-04	3.61E-05
3317	624158.52	4265764.47	0.0011566	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.78E-04	3.67E-05
3318	624158.38	4265774.36	0.0011767	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.75E-05	1.82E-04	3.73E-05
3319	624158.23	4265784.26	0.001197	4.12E-04	1.00E-03	3.08E-04	2.37E-04	7.89E-05	1.85E-04	3.80E-05
3320	624158.09	4265794.15	0.0012174	4.19E-04	1.02E-03	3.13E-04	2.41E-04	8.02E-05	1.88E-04	3.86E-05
3321	624157.95	4265804.04	0.0012374	4.26E-04	1.03E-03	3.19E-04	2.45E-04	8.15E-05	1.91E-04	3.93E-05
3322	624157.8	4265813.93	0.0012571	4.32E-04	1.05E-03	3.24E-04	2.49E-04	8.28E-05	1.94E-04	3.99E-05
3323	624165.24	4265594.93	0.00088644	3.05E-04	7.41E-04	2.28E-04	1.75E-04	5.84E-05	1.37E-04	2.81E-05
3324	624169.03	4265586.14	0.00088506	3.04E-04	7.40E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04	2.81E-05
3325	624172.81	4265577.36	0.00088349	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05
3326	624176.6	4265568.58	0.00088173	3.03E-04	7.37E-04	2.27E-04	1.75E-04	5.81E-05	1.36E-04	2.80E-05
3327	624180.38	4265559.8	0.00087958	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
3328	624184.17	4265551.01	0.00087697	3.02E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.78E-05
3329	624187.96	4265542.23	0.00087399	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.77E-05
3330	624191.74	4265533.45	0.00087054	2.99E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04	2.76E-05
3331	624195.53	4265524.67	0.00086655	2.98E-04	7.24E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
3332	624199.31	4265515.89	0.0008621	2.96E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04	2.74E-05
3333	624211.99	4265503.57	0.00087275	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
3334	624220.87	4265500.03	0.00088805	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
3335	624229.76	4265496.5	0.00090312	3.11E-04	7.55E-04	2.33E-04	1.79E-04	5.95E-05	1.39E-04	2.87E-05
3336	624238.64	4265492.96	0.00091764	3.16E-04	7.67E-04	2.36E-04	1.82E-04	6.05E-05	1.42E-04	2.91E-05
3337	624247.53	4265489.42	0.00093176	3.20E-04	7.79E-04	2.40E-04	1.84E-04	6.14E-05	1.44E-04	2.96E-05
3338	624256.42	4265485.89	0.00094539	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.23E-05	1.46E-04	3.00E-05
3339	624265.3	4265482.35	0.00095839	3.30E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04	3.04E-05
3340	624274.19	4265478.82	0.00097068	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
3341	624283.08	4265475.28	0.00098236	3.38E-04	8.21E-04	2.53E-04	1.94E-04	6.47E-05	1.52E-04	3.12E-05
3342	624291.96	4265471.75	0.00099358	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04	3.15E-05
3343	624300.85	4265468.21	0.0010045	3.45E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
3344	624309.73	4265464.68	0.0010151	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
3345	624318.62	4265461.14	0.0010259	3.53E-04	8.57E-04	2.64E-04	2.03E-04	6.76E-05	1.58E-04	3.26E-05
3346	624327.51	4265457.6	0.001037	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04	3.29E-05
3347	624336.39	4265454.07	0.0010489	3.61E-04	8.77E-04	2.70E-04	2.08E-04	6.91E-05	1.62E-04	3.33E-05
3348	624345.28	4265450.53	0.0010616	3.65E-04	8.87E-04	2.73E-04	2.10E-04	6.99E-05	1.64E-04	3.37E-05
3349	624354.16	4265447	0.0010751	3.70E-04	8.99E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04	3.41E-05
3350	624140.24	4265594.56	0.00081914	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.26E-04	2.60E-05
3351	624144.03	4265585.78	0.00081836	2.81E-04	6.84E-04	2.11E-04	1.62E-04	5.39E-05	1.26E-04	2.60E-05

3352	624147.82	4265577	0.00081756	2.81E-04	6.83E-04	2.10E-04	1.62E-04	5.39E-05	1.26E-04	2.59E-05
3353	624151.6	4265568.22	0.00081658	2.81E-04	6.83E-04	2.10E-04	1.62E-04	5.38E-05	1.26E-04	2.59E-05
3354	624155.39	4265559.44	0.00081535	2.80E-04	6.82E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04	2.59E-05
3355	624159.17	4265550.65	0.00081377	2.80E-04	6.80E-04	2.10E-04	1.61E-04	5.36E-05	1.26E-04	2.58E-05
3356	624162.96	4265541.87	0.00081182	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
3357	624166.75	4265533.09	0.00080952	2.78E-04	6.77E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
3358	624170.53	4265524.31	0.00080685	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05
3359	624174.32	4265515.52	0.00080387	2.76E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
3360	624178.1	4265506.74	0.00080057	2.75E-04	6.69E-04	2.06E-04	1.58E-04	5.27E-05	1.24E-04	2.54E-05
3361	624181.89	4265497.96	0.00079704	2.74E-04	6.66E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04	2.53E-05
3362	624194.56	4265485.64	0.00080674	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.32E-05	1.24E-04	2.56E-05
3363	624203.45	4265482.11	0.00082017	2.82E-04	6.86E-04	2.11E-04	1.62E-04	5.40E-05	1.27E-04	2.60E-05
3364	624212.33	4265478.57	0.00083343	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.49E-05	1.29E-04	2.64E-05
3365	624221.22	4265475.03	0.00084635	2.91E-04	7.07E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04	2.69E-05
3366	624230.11	4265471.5	0.00085892	2.95E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04	2.73E-05
3367	624238.99	4265467.96	0.00087114	3.00E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04	2.76E-05
3368	624247.88	4265464.43	0.000883	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05
3369	624256.76	4265460.89	0.00089425	3.08E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
3370	624265.65	4265457.36	0.0009049	3.11E-04	7.56E-04	2.33E-04	1.79E-04	5.96E-05	1.40E-04	2.87E-05
3371	624274.54	4265453.82	0.00091471	3.15E-04	7.65E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.90E-05
3372	624283.42	4265450.28	0.0009241	3.18E-04	7.72E-04	2.38E-04	1.83E-04	6.09E-05	1.43E-04	2.93E-05
3373	624292.31	4265446.75	0.00093314	3.21E-04	7.80E-04	2.40E-04	1.85E-04	6.15E-05	1.44E-04	2.96E-05
3374	624301.19	4265443.21	0.00094195	3.24E-04	7.87E-04	2.43E-04	1.86E-04	6.21E-05	1.45E-04	2.99E-05
3375	624310.08	4265439.68	0.00095082	3.27E-04	7.95E-04	2.45E-04	1.88E-04	6.26E-05	1.47E-04	3.02E-05
3376	624318.97	4265436.14	0.00095994	3.30E-04	8.02E-04	2.47E-04	1.90E-04	6.32E-05	1.48E-04	3.05E-05
3377	624327.85	4265432.61	0.00096964	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
3378	624336.74	4265429.07	0.00098006	3.37E-04	8.19E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
3379	624345.62	4265425.54	0.0009912	3.41E-04	8.28E-04	2.55E-04	1.96E-04	6.53E-05	1.53E-04	3.15E-05
3380	624354.51	4265422	0.0010029	3.45E-04	8.38E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04	3.18E-05
3381	624088.74	4265655.68	0.00076776	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04	2.44E-05
3382	624092.53	4265646.9	0.00076642	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
3383	624115.25	4265594.2	0.00075993	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05
3384	624119.03	4265585.42	0.00075944	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
3385	624122.82	4265576.64	0.00075904	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
3386	624126.6	4265567.86	0.00075858	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
3387	624130.39	4265559.07	0.00075801	2.61E-04	6.34E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.41E-05
3388	624134.18	4265550.29	0.00075723	2.60E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.40E-05
3389	624137.96	4265541.51	0.00075614	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
3390	624141.75	4265532.73	0.00075474	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.40E-05
3391	624145.53	4265523.94	0.00075298	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04	2.39E-05
3392	624149.32	4265515.16	0.00075095	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
3393	624153.11	4265506.38	0.00074862	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.16E-04	2.38E-05
3394	624156.89	4265497.6	0.00074604	2.57E-04	6.24E-04	1.92E-04	1.48E-04	4.92E-05	1.15E-04	2.37E-05
3395	624160.68	4265488.82	0.00074323	2.56E-04	6.21E-04	1.91E-04	1.47E-04	4.90E-05	1.15E-04	2.36E-05
3396	624164.46	4265480.03	0.00074016	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04	2.35E-05
3397	624177.14	4265467.71	0.00074905	2.58E-04	6.26E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04	2.38E-05
3398	624186.02	4265464.18	0.00076111	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04	2.42E-05
3399	624194.91	4265460.64	0.00077302	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
3400	624203.79	4265457.11	0.0007847	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
3401	624212.68	4265453.57	0.00079603	2.74E-04	6.65E-04	2.05E-04	1.58E-04	5.24E-05	1.23E-04	2.53E-05
3402	624221.57	4265450.04	0.000807	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05
3403	624230.45	4265446.5	0.00081742	2.81E-04	6.83E-04	2.10E-04	1.62E-04	5.39E-05	1.26E-04	2.59E-05
3404	624239.34	4265442.97	0.00082755	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
3405	624248.22	4265439.43	0.00083719	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
3406	624257.11	4265435.89	0.0008462	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.58E-05	1.31E-04	2.69E-05

3407	624266	4265432.36	0.00085467	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04	2.71E-05
3408	624274.88	4265428.82	0.00086268	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04	2.74E-05
3409	624283.77	4265425.29	0.00087043	2.99E-04	7.28E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04	2.76E-05
3410	624292.65	4265421.75	0.00087797	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.79E-05
3411	624301.54	4265418.22	0.00088538	3.04E-04	7.40E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04	2.81E-05
3412	624310.43	4265414.68	0.00089296	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
3413	624319.31	4265411.14	0.00090091	3.10E-04	7.53E-04	2.32E-04	1.78E-04	5.94E-05	1.39E-04	2.86E-05
3414	624328.2	4265407.61	0.00090955	3.13E-04	7.60E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04	2.89E-05
3415	624337.08	4265404.07	0.00091876	3.16E-04	7.68E-04	2.37E-04	1.82E-04	6.05E-05	1.42E-04	2.92E-05
3416	624345.97	4265400.54	0.00092854	3.19E-04	7.76E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
3417	624354.86	4265397	0.00093862	3.23E-04	7.85E-04	2.42E-04	1.86E-04	6.18E-05	1.45E-04	2.98E-05
3418	624084.96	4265664.46	0.00076894	2.64E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
3419	624084.82	4265674.35	0.00077939	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.47E-05
3420	624084.67	4265684.25	0.00078966	2.72E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04	2.51E-05
3421	624084.53	4265694.14	0.00079974	2.75E-04	6.68E-04	2.06E-04	1.58E-04	5.27E-05	1.23E-04	2.54E-05
3422	624084.39	4265704.03	0.00080961	2.78E-04	6.77E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
3423	624084.24	4265713.92	0.00081937	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.26E-04	2.60E-05
3424	624084.1	4265723.82	0.00082913	2.85E-04	6.93E-04	2.13E-04	1.64E-04	5.46E-05	1.28E-04	2.63E-05
3425	624083.96	4265733.71	0.00083906	2.89E-04	7.01E-04	2.16E-04	1.66E-04	5.53E-05	1.29E-04	2.66E-05
3426	624083.81	4265743.6	0.00084925	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.60E-05	1.31E-04	2.70E-05
3427	624083.67	4265753.49	0.00085989	2.96E-04	7.19E-04	2.21E-04	1.70E-04	5.67E-05	1.33E-04	2.73E-05
3428	624083.53	4265763.39	0.00087109	3.00E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04	2.76E-05
3429	624083.38	4265773.28	0.00088271	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05
3430	624083.24	4265783.17	0.00089488	3.08E-04	7.48E-04	2.30E-04	1.77E-04	5.90E-05	1.38E-04	2.84E-05
3431	624083.1	4265793.06	0.00090736	3.12E-04	7.58E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04	2.88E-05
3432	624082.96	4265802.96	0.00092014	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04	2.92E-05
3433	624082.81	4265812.85	0.00093294	3.21E-04	7.80E-04	2.40E-04	1.85E-04	6.15E-05	1.44E-04	2.96E-05
3434	624082.67	4265822.74	0.00094571	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.23E-05	1.46E-04	3.00E-05
3435	624082.53	4265832.63	0.00095834	3.30E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04	3.04E-05
3436	624082.38	4265842.53	0.00097065	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
3437	624082.24	4265852.42	0.00098262	3.38E-04	8.21E-04	2.53E-04	1.94E-04	6.47E-05	1.52E-04	3.12E-05
3438	624082.1	4265862.31	0.00099421	3.42E-04	8.31E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04	3.16E-05
3439	624081.95	4265872.2	0.0010053	3.46E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
3440	624081.81	4265882.1	0.0010161	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
3441	624081.67	4265891.99	0.0010264	3.53E-04	8.58E-04	2.64E-04	2.03E-04	6.76E-05	1.58E-04	3.26E-05
3442	624081.52	4265901.88	0.0010361	3.56E-04	8.66E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04	3.29E-05
3443	624081.38	4265911.77	0.0010455	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04	3.32E-05
3444	624081.24	4265921.67	0.0010545	3.63E-04	8.81E-04	2.72E-04	2.09E-04	6.95E-05	1.63E-04	3.35E-05
3445	624081.09	4265931.56	0.0010631	3.66E-04	8.89E-04	2.74E-04	2.10E-04	7.00E-05	1.64E-04	3.37E-05
3446	624080.95	4265941.45	0.0010714	3.68E-04	8.96E-04	2.76E-04	2.12E-04	7.06E-05	1.65E-04	3.40E-05
3447	624080.81	4265951.34	0.0010793	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04	3.43E-05
3448	624080.67	4265961.24	0.0010872	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.16E-05	1.68E-04	3.45E-05
3449	624080.52	4265971.13	0.0010948	3.76E-04	9.15E-04	2.82E-04	2.17E-04	7.21E-05	1.69E-04	3.47E-05
3450	624080.38	4265981.02	0.0011022	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.50E-05
3451	624063.75	4265655.32	0.00071467	2.46E-04	5.97E-04	1.84E-04	1.41E-04	4.71E-05	1.10E-04	2.27E-05
3452	624067.53	4265646.54	0.00071346	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04	2.26E-05
3453	624071.32	4265637.75	0.0007122	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
3454	624075.11	4265628.97	0.00071097	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.26E-05
3455	624078.89	4265620.19	0.00070982	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
3456	624082.68	4265611.41	0.00070887	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
3457	624086.46	4265602.62	0.0007081	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
3458	624090.25	4265593.84	0.00070758	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
3459	624094.03	4265585.06	0.00070724	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
3460	624097.82	4265576.28	0.00070703	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
3461	624101.61	4265567.49	0.00070689	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05

3462	624105.39	4265558.71	0.00070672	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
3463	624109.18	4265549.93	0.00070643	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
3464	624112.96	4265541.15	0.00070592	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
3465	624116.75	4265532.37	0.0007052	2.43E-04	5.89E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
3466	624120.54	4265523.58	0.00070416	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.23E-05
3467	624124.32	4265514.8	0.00070284	2.42E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
3468	624128.11	4265506.02	0.00070124	2.41E-04	5.86E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04	2.23E-05
3469	624131.89	4265497.24	0.00069937	2.40E-04	5.85E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04	2.22E-05
3470	624135.68	4265488.45	0.00069728	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.59E-05	1.08E-04	2.21E-05
3471	624139.47	4265479.67	0.00069498	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04	2.21E-05
3472	624143.25	4265470.89	0.00069248	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
3473	624147.04	4265462.11	0.00068984	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.06E-04	2.19E-05
3474	624159.71	4265449.79	0.00069794	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05
3475	624168.6	4265446.25	0.00070881	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
3476	624177.48	4265442.72	0.00071961	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
3477	624186.37	4265439.18	0.00073022	2.51E-04	6.10E-04	1.88E-04	1.45E-04	4.81E-05	1.13E-04	2.32E-05
3478	624195.25	4265435.65	0.00074059	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04	2.35E-05
3479	624204.14	4265432.11	0.00075063	2.58E-04	6.27E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
3480	624213.03	4265428.57	0.00076025	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05
3481	624221.91	4265425.04	0.0007694	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
3482	624230.8	4265421.5	0.00077804	2.68E-04	6.50E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
3483	624239.68	4265417.97	0.00078622	2.70E-04	6.57E-04	2.02E-04	1.56E-04	5.18E-05	1.21E-04	2.50E-05
3484	624248.57	4265414.43	0.00079388	2.73E-04	6.64E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
3485	624257.46	4265410.9	0.00080111	2.75E-04	6.70E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04	2.54E-05
3486	624266.34	4265407.36	0.00080797	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05
3487	624275.23	4265403.83	0.0008148	2.80E-04	6.81E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04	2.59E-05
3488	624284.12	4265400.29	0.00082138	2.82E-04	6.87E-04	2.11E-04	1.63E-04	5.41E-05	1.27E-04	2.61E-05
3489	624293	4265396.75	0.00082789	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
3490	624301.89	4265393.22	0.00083421	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
3491	624310.77	4265389.68	0.00084081	2.89E-04	7.03E-04	2.16E-04	1.66E-04	5.54E-05	1.30E-04	2.67E-05
3492	624319.66	4265386.15	0.00084795	2.92E-04	7.09E-04	2.18E-04	1.68E-04	5.59E-05	1.31E-04	2.69E-05
3493	624328.55	4265382.61	0.00085565	2.94E-04	7.15E-04	2.20E-04	1.69E-04	5.64E-05	1.32E-04	2.72E-05
3494	624337.43	4265379.08	0.00086385	2.97E-04	7.22E-04	2.22E-04	1.71E-04	5.69E-05	1.33E-04	2.74E-05
3495	624346.32	4265375.54	0.00087244	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
3496	624355.2	4265372	0.00088122	3.03E-04	7.37E-04	2.27E-04	1.74E-04	5.81E-05	1.36E-04	2.80E-05
3497	624059.96	4265664.1	0.00071567	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.72E-05	1.10E-04	2.27E-05
3498	624059.82	4265673.99	0.0007248	2.49E-04	6.06E-04	1.87E-04	1.43E-04	4.78E-05	1.12E-04	2.30E-05
3499	624059.68	4265683.89	0.00073378	2.52E-04	6.13E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04	2.33E-05
3500	624059.53	4265693.78	0.00074248	2.55E-04	6.21E-04	1.91E-04	1.47E-04	4.89E-05	1.15E-04	2.36E-05
3501	624059.39	4265703.67	0.000751	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
3502	624059.25	4265713.56	0.00075933	2.61E-04	6.35E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
3503	624059.1	4265723.46	0.00076759	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04	2.44E-05
3504	624058.96	4265733.35	0.00077594	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04	2.46E-05
3505	624058.82	4265743.24	0.00078447	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
3506	624058.67	4265753.13	0.00079328	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
3507	624058.53	4265763.03	0.00080258	2.76E-04	6.71E-04	2.07E-04	1.59E-04	5.29E-05	1.24E-04	2.55E-05
3508	624058.39	4265772.92	0.00081231	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
3509	624058.24	4265782.81	0.00082247	2.83E-04	6.87E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
3510	624058.1	4265792.7	0.00083306	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.49E-05	1.29E-04	2.64E-05
3511	624057.96	4265802.6	0.00084396	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04	2.68E-05
3512	624057.81	4265812.49	0.00085504	2.94E-04	7.15E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04	2.71E-05
3513	624057.67	4265822.38	0.00086621	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04	2.75E-05
3514	624057.53	4265832.27	0.00087731	3.02E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.78E-05
3515	624057.39	4265842.17	0.00088831	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
3516	624057.24	4265852.06	0.00089901	3.09E-04	7.51E-04	2.31E-04	1.78E-04	5.92E-05	1.39E-04	2.85E-05

3517	624057.1	4265861.95	0.00090946	3.13E-04	7.60E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04	2.89E-05
3518	624056.96	4265871.84	0.00091956	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04	2.92E-05
3519	624056.81	4265881.74	0.00092929	3.20E-04	7.77E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
3520	624056.67	4265891.63	0.00093868	3.23E-04	7.85E-04	2.42E-04	1.86E-04	6.18E-05	1.45E-04	2.98E-05
3521	624056.53	4265901.52	0.00094772	3.26E-04	7.92E-04	2.44E-04	1.88E-04	6.24E-05	1.46E-04	3.01E-05
3522	624056.38	4265911.41	0.00095636	3.29E-04	7.99E-04	2.46E-04	1.89E-04	6.30E-05	1.48E-04	3.04E-05
3523	624056.24	4265921.31	0.00096471	3.32E-04	8.06E-04	2.48E-04	1.91E-04	6.36E-05	1.49E-04	3.06E-05
3524	624056.1	4265931.2	0.00097274	3.35E-04	8.13E-04	2.50E-04	1.93E-04	6.41E-05	1.50E-04	3.09E-05
3525	624055.95	4265941.09	0.00098046	3.37E-04	8.20E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
3526	624055.81	4265950.98	0.00098795	3.40E-04	8.26E-04	2.54E-04	1.96E-04	6.51E-05	1.52E-04	3.14E-05
3527	624055.67	4265960.88	0.00099516	3.42E-04	8.32E-04	2.56E-04	1.97E-04	6.56E-05	1.54E-04	3.16E-05
3528	624055.52	4265970.77	0.0010021	3.45E-04	8.38E-04	2.58E-04	1.98E-04	6.60E-05	1.55E-04	3.18E-05
3529	624055.38	4265980.66	0.0010086	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.20E-05
3530	624013.75	4265654.59	0.00062581	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.66E-05	1.99E-05
3531	624017.54	4265645.81	0.00062475	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05	1.98E-05
3532	624021.32	4265637.03	0.00062349	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05	1.98E-05
3533	624025.11	4265628.25	0.00062214	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05	1.97E-05
3534	624028.9	4265619.47	0.00062116	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05	1.97E-05
3535	624032.68	4265610.68	0.00062036	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
3536	624036.47	4265601.9	0.00061979	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
3537	624040.25	4265593.12	0.00061936	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
3538	624044.04	4265584.34	0.00061898	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
3539	624047.83	4265575.55	0.00061867	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
3540	624051.61	4265566.77	0.00061841	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05	1.96E-05
3541	624055.4	4265557.99	0.00061855	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.54E-05	1.96E-05
3542	624059.18	4265549.21	0.00061887	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
3543	624062.97	4265540.42	0.00061915	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
3544	624066.76	4265531.64	0.00061927	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
3545	624070.54	4265522.86	0.00061907	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
3546	624074.33	4265514.08	0.00061864	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
3547	624078.11	4265505.29	0.00061783	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.07E-05	9.53E-05	1.96E-05
3548	624081.9	4265496.51	0.000617	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.07E-05	9.52E-05	1.96E-05
3549	624085.69	4265487.73	0.00061603	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05	1.95E-05
3550	624089.47	4265478.95	0.00061488	2.11E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.49E-05	1.95E-05
3551	624093.26	4265470.17	0.00061353	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
3552	624097.04	4265461.38	0.00061201	2.10E-04	5.12E-04	1.58E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05
3553	624100.83	4265452.6	0.00061034	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
3554	624104.62	4265443.82	0.00060854	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
3555	624108.4	4265435.04	0.00060635	2.09E-04	5.07E-04	1.56E-04	1.20E-04	4.00E-05	9.36E-05	1.92E-05
3556	624112.19	4265426.25	0.00060403	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.32E-05	1.92E-05
3557	624124.86	4265413.94	0.00061077	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
3558	624133.75	4265410.4	0.00062007	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
3559	624142.63	4265406.86	0.00062934	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.71E-05	2.00E-05
3560	624151.52	4265403.33	0.00063833	2.20E-04	5.34E-04	1.64E-04	1.26E-04	4.21E-05	9.85E-05	2.03E-05
3561	624160.4	4265399.79	0.00064711	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.99E-05	2.05E-05
3562	624169.29	4265396.26	0.00065572	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
3563	624178.18	4265392.72	0.00066407	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.38E-05	1.02E-04	2.11E-05
3564	624187.06	4265389.19	0.00067211	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.13E-05
3565	624195.95	4265385.65	0.00067974	2.34E-04	5.68E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04	2.16E-05
3566	624204.83	4265382.12	0.000687	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05
3567	624213.72	4265378.58	0.0006938	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
3568	624222.61	4265375.04	0.00070018	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04	2.22E-05
3569	624231.49	4265371.51	0.00070612	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
3570	624240.38	4265367.97	0.00071166	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
3571	624249.26	4265364.44	0.00071679	2.46E-04	5.99E-04	1.85E-04	1.42E-04	4.72E-05	1.11E-04	2.27E-05

3572	624258.15	4265360.9	0.00072159	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04	2.29E-05
3573	624267.04	4265357.37	0.00072618	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
3574	624275.92	4265353.83	0.00073057	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.81E-05	1.13E-04	2.32E-05
3575	624284.81	4265350.29	0.00073502	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04	2.33E-05
3576	624293.69	4265346.76	0.00073964	2.54E-04	6.18E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04	2.35E-05
3577	624302.58	4265343.22	0.00074478	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04	2.36E-05
3578	624311.47	4265339.69	0.00075029	2.58E-04	6.27E-04	1.93E-04	1.49E-04	4.94E-05	1.16E-04	2.38E-05
3579	624320.35	4265336.15	0.00075606	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
3580	624329.24	4265332.62	0.00076231	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
3581	624338.12	4265329.08	0.00076894	2.64E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
3582	624347.01	4265325.54	0.00077586	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04	2.46E-05
3583	624355.9	4265322.01	0.00078286	2.69E-04	6.54E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.48E-05
3584	624009.97	4265663.38	0.00062647	2.15E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
3585	624009.82	4265673.27	0.00063356	2.18E-04	5.30E-04	1.63E-04	1.25E-04	4.17E-05	9.78E-05	2.01E-05
3586	624009.68	4265683.16	0.00064039	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.88E-05	2.03E-05
3587	624009.54	4265693.05	0.00064705	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05
3588	624009.39	4265702.95	0.00065342	2.25E-04	5.46E-04	1.68E-04	1.29E-04	4.31E-05	1.01E-04	2.07E-05
3589	624009.25	4265712.84	0.00065959	2.27E-04	5.51E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
3590	624009.11	4265722.73	0.00066576	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.39E-05	1.03E-04	2.11E-05
3591	624008.96	4265732.62	0.00067191	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.13E-05
3592	624008.82	4265742.52	0.0006781	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
3593	624008.68	4265752.41	0.00068428	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
3594	624008.54	4265762.3	0.00069065	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
3595	624008.39	4265772.19	0.00069733	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.59E-05	1.08E-04	2.21E-05
3596	624008.25	4265782.09	0.00070442	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
3597	624008.11	4265791.98	0.00071191	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
3598	624007.96	4265801.87	0.00071978	2.48E-04	6.02E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
3599	624007.82	4265811.76	0.00072799	2.50E-04	6.08E-04	1.87E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
3600	624007.68	4265821.66	0.00073645	2.53E-04	6.16E-04	1.90E-04	1.46E-04	4.85E-05	1.14E-04	2.34E-05
3601	624007.53	4265831.55	0.00074509	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04	2.36E-05
3602	624007.39	4265841.44	0.00075385	2.59E-04	6.30E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.39E-05
3603	624007.25	4265851.33	0.0007626	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
3604	624007.1	4265861.23	0.00077127	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04	2.45E-05
3605	624006.96	4265871.12	0.00077985	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.47E-05
3606	624006.82	4265881.01	0.00078826	2.71E-04	6.59E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04	2.50E-05
3607	624006.67	4265890.9	0.00079647	2.74E-04	6.66E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04	2.53E-05
3608	624006.53	4265900.8	0.0008045	2.77E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
3609	624006.39	4265910.69	0.00081228	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
3610	624006.25	4265920.58	0.00081986	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.27E-04	2.60E-05
3611	624006.1	4265930.47	0.00082717	2.84E-04	6.91E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
3612	624005.96	4265940.37	0.00083429	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
3613	624005.82	4265950.26	0.00084118	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04	2.67E-05
3614	624005.67	4265960.15	0.00084775	2.92E-04	7.09E-04	2.18E-04	1.68E-04	5.59E-05	1.31E-04	2.69E-05
3615	624005.53	4265970.04	0.00085404	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04	2.71E-05
3616	624005.39	4265979.94	0.00086001	2.96E-04	7.19E-04	2.21E-04	1.70E-04	5.67E-05	1.33E-04	2.73E-05
3617	624005.24	4265989.83	0.00086566	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.70E-05	1.34E-04	2.75E-05
3618	624005.1	4265999.72	0.00087091	2.99E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04	2.76E-05
3619	624004.96	4266009.61	0.00087576	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04	2.78E-05
3620	624004.81	4266019.51	0.00088007	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
3621	624004.67	4266029.4	0.00088386	3.04E-04	7.39E-04	2.28E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05
3622	624004.53	4266039.29	0.0008871	3.05E-04	7.41E-04	2.28E-04	1.76E-04	5.84E-05	1.37E-04	2.82E-05
3623	624004.38	4266049.18	0.00088951	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
3624	624004.24	4266059.08	0.00089126	3.06E-04	7.45E-04	2.29E-04	1.76E-04	5.87E-05	1.38E-04	2.83E-05
3625	624004.1	4266068.97	0.00089247	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
3626	623963.88	4265653.59	0.00055435	1.91E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.55E-05	1.76E-05

3627	623967.79	4265644.52	0.00055366	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05	1.76E-05
3628	623971.7	4265635.46	0.0005528	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.53E-05	1.75E-05
3629	623975.6	4265626.39	0.00055188	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.64E-05	8.52E-05	1.75E-05
3630	623979.51	4265617.33	0.00055096	1.89E-04	4.61E-04	1.42E-04	1.09E-04	3.63E-05	8.50E-05	1.75E-05
3631	623983.42	4265608.26	0.0005501	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.49E-05	1.75E-05
3632	623987.33	4265599.19	0.00054938	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
3633	623991.24	4265590.13	0.00054881	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05	1.74E-05
3634	623995.14	4265581.06	0.00054841	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05	1.74E-05
3635	623999.05	4265572	0.00054824	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05	1.74E-05
3636	624002.96	4265562.93	0.00054824	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05	1.74E-05
3637	624006.87	4265553.87	0.00054838	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05	1.74E-05
3638	624010.78	4265544.8	0.00054864	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.61E-05	8.47E-05	1.74E-05
3639	624014.68	4265535.73	0.00054892	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05	1.74E-05
3640	624018.59	4265526.67	0.00054924	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
3641	624022.5	4265517.6	0.00054947	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
3642	624026.41	4265508.54	0.00054961	1.89E-04	4.59E-04	1.42E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
3643	624030.32	4265499.47	0.00054956	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
3644	624034.23	4265490.41	0.00054933	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
3645	624038.13	4265481.34	0.00054884	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05	1.74E-05
3646	624042.04	4265472.28	0.00054812	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.46E-05	1.74E-05
3647	624045.95	4265463.21	0.0005472	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.61E-05	8.44E-05	1.74E-05
3648	624049.86	4265454.14	0.00054608	1.88E-04	4.56E-04	1.41E-04	1.08E-04	3.60E-05	8.43E-05	1.73E-05
3649	624053.77	4265445.08	0.00054476	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.41E-05	1.73E-05
3650	624057.67	4265436.01	0.0005433	1.87E-04	4.54E-04	1.40E-04	1.08E-04	3.58E-05	8.38E-05	1.72E-05
3651	624061.58	4265426.95	0.00054172	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.36E-05	1.72E-05
3652	624065.49	4265417.88	0.00054003	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05	1.71E-05
3653	624069.4	4265408.82	0.00053831	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05
3654	624073.31	4265399.75	0.0005365	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.28E-05	1.70E-05
3655	624077.21	4265390.68	0.00053466	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05	1.70E-05
3656	624090.3	4265377.97	0.00054043	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.56E-05	8.34E-05	1.72E-05
3657	624099.47	4265374.32	0.00054812	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.46E-05	1.74E-05
3658	624108.64	4265370.67	0.0005559	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.66E-05	8.58E-05	1.76E-05
3659	624117.81	4265367.02	0.00056385	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
3660	624126.99	4265363.37	0.00057197	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05	1.82E-05
3661	624136.16	4265359.72	0.00057998	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05	1.84E-05
3662	624145.33	4265356.07	0.00058781	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.87E-05
3663	624154.5	4265352.42	0.00059516	2.05E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.18E-05	1.89E-05
3664	624163.68	4265348.77	0.00060222	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.97E-05	9.29E-05	1.91E-05
3665	624172.85	4265345.12	0.00060897	2.09E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.40E-05	1.93E-05
3666	624182.02	4265341.47	0.00061537	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.50E-05	1.95E-05
3667	624191.19	4265337.82	0.00062134	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.59E-05	1.97E-05
3668	624200.37	4265334.17	0.00062693	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
3669	624209.54	4265330.52	0.0006321	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.01E-05
3670	624218.71	4265326.87	0.00063683	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.20E-05	9.83E-05	2.02E-05
3671	624227.89	4265323.22	0.0006412	2.20E-04	5.36E-04	1.65E-04	1.27E-04	4.22E-05	9.89E-05	2.03E-05
3672	624237.06	4265319.57	0.00064516	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.96E-05	2.05E-05
3673	624246.23	4265315.92	0.0006488	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04	2.06E-05
3674	624255.4	4265312.27	0.00065222	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
3675	624264.58	4265308.63	0.00065552	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
3676	624273.75	4265304.98	0.00065882	2.27E-04	5.51E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04	2.09E-05
3677	624282.92	4265301.33	0.00066226	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
3678	624292.09	4265297.68	0.00066596	2.29E-04	5.57E-04	1.71E-04	1.32E-04	4.39E-05	1.03E-04	2.11E-05
3679	624301.27	4265294.03	0.00067001	2.30E-04	5.60E-04	1.73E-04	1.33E-04	4.41E-05	1.03E-04	2.13E-05
3680	624310.44	4265290.38	0.0006744	2.32E-04	5.64E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
3681	624319.61	4265286.73	0.00067911	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.16E-05

3682	624328.79	4265283.08	0.00068425	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
3683	624337.96	4265279.43	0.00068961	2.37E-04	5.76E-04	1.78E-04	1.37E-04	4.54E-05	1.06E-04	2.19E-05
3684	624347.13	4265275.78	0.00069498	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04	2.21E-05
3685	624356.3	4265272.13	0.00070035	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04	2.22E-05
3686	623959.97	4265662.65	0.00055487	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.56E-05	1.76E-05
3687	623959.83	4265672.55	0.0005604	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05	1.78E-05
3688	623959.69	4265682.44	0.00056574	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05	1.80E-05
3689	623959.54	4265692.33	0.00057079	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.81E-05	1.81E-05
3690	623959.4	4265702.22	0.00057562	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.88E-05	1.83E-05
3691	623959.26	4265712.12	0.00058021	2.00E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05	1.84E-05
3692	623959.11	4265722.01	0.00058454	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.85E-05	9.02E-05	1.86E-05
3693	623958.97	4265731.9	0.00058879	2.02E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
3694	623958.83	4265741.79	0.00059298	2.04E-04	4.96E-04	1.53E-04	1.17E-04	3.91E-05	9.15E-05	1.88E-05
3695	623958.68	4265751.69	0.0005972	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.22E-05	1.90E-05
3696	623958.54	4265761.58	0.00060156	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05	1.91E-05
3697	623958.4	4265771.47	0.00060615	2.08E-04	5.07E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05	1.92E-05
3698	623958.25	4265781.36	0.00061103	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05	1.94E-05
3699	623958.11	4265791.26	0.00061628	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05	1.96E-05
3700	623957.97	4265801.15	0.00062191	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05	1.97E-05
3701	623957.82	4265811.04	0.00062794	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.69E-05	1.99E-05
3702	623957.68	4265820.93	0.00063434	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05	2.01E-05
3703	623957.54	4265830.83	0.00064108	2.20E-04	5.36E-04	1.65E-04	1.27E-04	4.22E-05	9.89E-05	2.03E-05
3704	623957.4	4265840.72	0.00064811	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04	2.06E-05
3705	623957.25	4265850.61	0.00065532	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
3706	623957.11	4265860.5	0.00066269	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.10E-05
3707	623956.97	4265870.4	0.00067038	2.31E-04	5.60E-04	1.73E-04	1.33E-04	4.42E-05	1.03E-04	2.13E-05
3708	623956.82	4265880.29	0.00067819	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
3709	623956.68	4265890.18	0.00068603	2.36E-04	5.73E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04	2.18E-05
3710	623956.54	4265900.07	0.00069357	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
3711	623956.39	4265909.97	0.00070084	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
3712	623956.25	4265919.86	0.00070798	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
3713	623956.11	4265929.75	0.00071496	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04	2.27E-05
3714	623955.96	4265939.64	0.00072176	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.76E-05	1.11E-04	2.29E-05
3715	623955.82	4265949.54	0.0007283	2.50E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
3716	623955.68	4265959.43	0.00073453	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04	2.33E-05
3717	623955.53	4265969.32	0.0007403	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04	2.35E-05
3718	623955.39	4265979.21	0.00074569	2.56E-04	6.23E-04	1.92E-04	1.48E-04	4.91E-05	1.15E-04	2.37E-05
3719	623955.25	4265989.11	0.00075072	2.58E-04	6.27E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
3720	623955.11	4265999	0.00075528	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.98E-05	1.17E-04	2.40E-05
3721	623954.96	4266008.89	0.00075936	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
3722	623954.82	4266018.78	0.00076306	2.62E-04	6.38E-04	1.96E-04	1.51E-04	5.03E-05	1.18E-04	2.42E-05
3723	623954.68	4266028.68	0.00076644	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
3724	623954.53	4266038.57	0.00076923	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
3725	623954.39	4266048.46	0.0007715	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04	2.45E-05
3726	623954.25	4266058.35	0.00077319	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
3727	623954.1	4266068.25	0.00077442	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.19E-04	2.46E-05
3728	623913.87	4265652.9	0.0004962	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.66E-05	1.57E-05
3729	623917.77	4265643.86	0.00049566	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.27E-05	7.65E-05	1.57E-05
3730	623921.66	4265634.83	0.00049505	1.70E-04	4.14E-04	1.27E-04	9.80E-05	3.26E-05	7.64E-05	1.57E-05
3731	623925.55	4265625.8	0.00049439	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05	1.57E-05
3732	623929.45	4265616.76	0.00049385	1.70E-04	4.13E-04	1.27E-04	9.78E-05	3.25E-05	7.62E-05	1.57E-05
3733	623933.34	4265607.73	0.00049327	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.57E-05
3734	623937.24	4265598.7	0.00049261	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.25E-05	7.60E-05	1.56E-05
3735	623941.13	4265589.66	0.00049207	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05	1.56E-05
3736	623945.02	4265580.63	0.00049161	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.59E-05	1.56E-05

3737	623948.92	4265571.6	0.00049135	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.58E-05	1.56E-05
3738	623952.81	4265562.56	0.00049121	1.69E-04	4.11E-04	1.26E-04	9.72E-05	3.24E-05	7.58E-05	1.56E-05
3739	623956.71	4265553.53	0.00049124	1.69E-04	4.11E-04	1.26E-04	9.72E-05	3.24E-05	7.58E-05	1.56E-05
3740	623960.6	4265544.5	0.00049138	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.58E-05	1.56E-05
3741	623964.49	4265535.46	0.00049161	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.59E-05	1.56E-05
3742	623968.39	4265526.43	0.00049195	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05	1.56E-05
3743	623972.28	4265517.4	0.00049233	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05	1.56E-05
3744	623976.18	4265508.36	0.00049267	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.25E-05	7.60E-05	1.56E-05
3745	623980.07	4265499.33	0.00049293	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.56E-05
3746	623983.97	4265490.3	0.00049313	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.56E-05
3747	623987.86	4265481.27	0.00049316	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.57E-05
3748	623991.75	4265472.23	0.00049302	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.56E-05
3749	623995.65	4265463.2	0.00049267	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.25E-05	7.60E-05	1.56E-05
3750	623999.54	4265454.17	0.00049215	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05	1.56E-05
3751	624003.44	4265445.13	0.00049144	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.58E-05	1.56E-05
3752	624007.33	4265436.1	0.00049052	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05	1.56E-05
3753	624011.22	4265427.07	0.00048943	1.68E-04	4.09E-04	1.26E-04	9.69E-05	3.22E-05	7.55E-05	1.55E-05
3754	624015.12	4265418.03	0.00048819	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.22E-05	7.53E-05	1.55E-05
3755	624019.01	4265409	0.00048685	1.67E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.51E-05	1.55E-05
3756	624022.91	4265399.97	0.00048541	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05	1.54E-05
3757	624026.8	4265390.93	0.00048392	1.66E-04	4.04E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05	1.54E-05
3758	624030.69	4265381.9	0.00048237	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05	1.53E-05
3759	624034.59	4265372.87	0.00048079	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05	1.53E-05
3760	624038.48	4265363.83	0.00047921	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.39E-05	1.52E-05
3761	624042.38	4265354.8	0.00047766	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.15E-05	7.37E-05	1.52E-05
3762	624055.41	4265342.13	0.00048243	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05	1.53E-05
3763	624064.55	4265338.49	0.00048888	1.68E-04	4.09E-04	1.26E-04	9.68E-05	3.22E-05	7.54E-05	1.55E-05
3764	624073.69	4265334.86	0.00049546	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.65E-05	1.57E-05
3765	624082.83	4265331.22	0.00050211	1.73E-04	4.20E-04	1.29E-04	9.94E-05	3.31E-05	7.75E-05	1.59E-05
3766	624091.97	4265327.58	0.00050909	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.35E-05	7.86E-05	1.62E-05
3767	624101.11	4265323.95	0.00051612	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
3768	624110.25	4265320.31	0.00052307	1.80E-04	4.37E-04	1.35E-04	1.04E-04	3.45E-05	8.07E-05	1.66E-05
3769	624119.39	4265316.67	0.00052975	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
3770	624128.53	4265313.04	0.00053621	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
3771	624137.67	4265309.4	0.00054244	1.87E-04	4.53E-04	1.40E-04	1.07E-04	3.57E-05	8.37E-05	1.72E-05
3772	624146.81	4265305.76	0.00054841	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05	1.74E-05
3773	624155.95	4265302.13	0.00055412	1.91E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.55E-05	1.76E-05
3774	624165.09	4265298.49	0.00055949	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05	1.78E-05
3775	624174.23	4265294.85	0.00056454	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.71E-05	1.79E-05
3776	624183.37	4265291.22	0.00056919	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.78E-05	1.81E-05
3777	624192.51	4265287.58	0.00057346	1.97E-04	4.79E-04	1.48E-04	1.14E-04	3.78E-05	8.85E-05	1.82E-05
3778	624201.65	4265283.94	0.00057737	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.80E-05	8.91E-05	1.83E-05
3779	624210.79	4265280.31	0.00058087	2.00E-04	4.86E-04	1.50E-04	1.15E-04	3.83E-05	8.96E-05	1.84E-05
3780	624219.93	4265276.67	0.000584	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05	1.85E-05
3781	624229.07	4265273.03	0.00058681	2.02E-04	4.90E-04	1.51E-04	1.16E-04	3.87E-05	9.05E-05	1.86E-05
3782	624238.21	4265269.4	0.00058936	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
3783	624247.35	4265265.76	0.00059172	2.03E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
3784	624256.49	4265262.12	0.00059398	2.04E-04	4.96E-04	1.53E-04	1.18E-04	3.91E-05	9.17E-05	1.89E-05
3785	624265.63	4265258.49	0.00059631	2.05E-04	4.98E-04	1.54E-04	1.18E-04	3.93E-05	9.20E-05	1.89E-05
3786	624274.77	4265254.85	0.00059878	2.06E-04	5.00E-04	1.54E-04	1.19E-04	3.95E-05	9.24E-05	1.90E-05
3787	624283.91	4265251.21	0.00060145	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05	1.91E-05
3788	624293.05	4265247.58	0.0006044	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.33E-05	1.92E-05
3789	624302.19	4265243.94	0.00060765	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05	1.93E-05
3790	624311.33	4265240.3	0.00061118	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05	1.94E-05
3791	624320.47	4265236.67	0.00061494	2.11E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.49E-05	1.95E-05

3792	624329.61	4265233.03	0.00061887	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
3793	624338.75	4265229.39	0.00062294	2.14E-04	5.21E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05	1.98E-05
3794	624347.89	4265225.76	0.00062705	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.68E-05	1.99E-05
3795	624357.03	4265222.12	0.00063124	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.74E-05	2.00E-05
3796	623909.98	4265661.93	0.0004964	1.71E-04	4.15E-04	1.28E-04	9.83E-05	3.27E-05	7.66E-05	1.58E-05
3797	623909.83	4265671.82	0.00050074	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05	1.59E-05
3798	623909.69	4265681.72	0.00050487	1.74E-04	4.22E-04	1.30E-04	9.99E-05	3.33E-05	7.79E-05	1.60E-05
3799	623909.55	4265691.61	0.00050874	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05	1.61E-05
3800	623909.4	4265701.5	0.00051236	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.91E-05	1.63E-05
3801	623909.26	4265711.39	0.00051575	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
3802	623909.12	4265721.29	0.00051893	1.78E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
3803	623908.98	4265731.18	0.000522	1.80E-04	4.36E-04	1.34E-04	1.03E-04	3.44E-05	8.05E-05	1.66E-05
3804	623908.83	4265741.07	0.00052493	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05
3805	623908.69	4265750.96	0.00052789	1.82E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.15E-05	1.68E-05
3806	623908.55	4265760.86	0.00053093	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
3807	623908.4	4265770.75	0.00053411	1.84E-04	4.46E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05	1.70E-05
3808	623908.26	4265780.64	0.00053756	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
3809	623908.12	4265790.53	0.00054129	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.57E-05	8.35E-05	1.72E-05
3810	623907.97	4265800.43	0.00054539	1.88E-04	4.56E-04	1.40E-04	1.08E-04	3.59E-05	8.42E-05	1.73E-05
3811	623907.83	4265810.32	0.0005499	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.49E-05	1.75E-05
3812	623907.69	4265820.21	0.00055481	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.56E-05	1.76E-05
3813	623907.54	4265830.1	0.00056012	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05	1.78E-05
3814	623907.4	4265840	0.00056583	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05	1.80E-05
3815	623907.26	4265849.89	0.00057188	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.82E-05	1.81E-05
3816	623907.11	4265859.78	0.0005782	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.81E-05	8.92E-05	1.84E-05
3817	623906.97	4265869.67	0.00058477	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.85E-05	9.02E-05	1.86E-05
3818	623906.83	4265879.57	0.00059152	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
3819	623906.69	4265889.46	0.00059832	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.23E-05	1.90E-05
3820	623906.54	4265899.35	0.00060515	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.34E-05	1.92E-05
3821	623906.4	4265909.24	0.00061195	2.10E-04	5.11E-04	1.58E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05
3822	623906.26	4265919.14	0.00061867	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
3823	623906.11	4265929.03	0.00062524	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.98E-05
3824	623905.97	4265938.92	0.00063155	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.00E-05
3825	623905.83	4265948.81	0.00063767	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05	2.02E-05
3826	623905.68	4265958.71	0.00064355	2.21E-04	5.38E-04	1.66E-04	1.27E-04	4.24E-05	9.93E-05	2.04E-05
3827	623905.54	4265968.6	0.00064929	2.23E-04	5.43E-04	1.67E-04	1.29E-04	4.28E-05	1.00E-04	2.06E-05
3828	623905.4	4265978.49	0.00065469	2.25E-04	5.47E-04	1.69E-04	1.30E-04	4.31E-05	1.01E-04	2.08E-05
3829	623905.25	4265988.38	0.00065948	2.27E-04	5.51E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
3830	623905.11	4265998.28	0.00066361	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.11E-05
3831	623904.97	4266008.17	0.00066726	2.29E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
3832	623904.82	4266018.06	0.00067044	2.31E-04	5.60E-04	1.73E-04	1.33E-04	4.42E-05	1.03E-04	2.13E-05
3833	623904.68	4266027.95	0.0006732	2.31E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
3834	623904.54	4266037.85	0.00067546	2.32E-04	5.65E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05
3835	623904.4	4266047.74	0.00067744	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.05E-04	2.15E-05
3836	623904.25	4266057.63	0.00067925	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.48E-05	1.05E-04	2.16E-05
3837	623904.11	4266067.52	0.00068069	2.34E-04	5.69E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04	2.16E-05
3838	623863.87	4265652.2	0.00044629	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.89E-05	1.42E-05
3839	623867.75	4265643.19	0.00044623	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.89E-05	1.42E-05
3840	623871.63	4265634.18	0.000446	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.42E-05
3841	623875.51	4265625.18	0.00044566	1.53E-04	3.73E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05	1.41E-05
3842	623879.4	4265616.17	0.00044526	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05	1.41E-05
3843	623883.28	4265607.16	0.00044477	1.53E-04	3.72E-04	1.15E-04	8.80E-05	2.93E-05	6.86E-05	1.41E-05
3844	623887.16	4265598.15	0.00044431	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.93E-05	6.86E-05	1.41E-05
3845	623891.05	4265589.15	0.00044388	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.92E-05	6.85E-05	1.41E-05
3846	623894.93	4265580.14	0.00044354	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.84E-05	1.41E-05

3847	623898.81	4265571.13	0.00044328	1.52E-04	3.71E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05	1.41E-05
3848	623902.7	4265562.12	0.00044311	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05	1.41E-05
3849	623906.58	4265553.12	0.00044316	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05	1.41E-05
3850	623910.46	4265544.11	0.00044336	1.52E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.84E-05	1.41E-05
3851	623914.34	4265535.1	0.00044365	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05	1.41E-05
3852	623918.23	4265526.09	0.00044402	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.93E-05	6.85E-05	1.41E-05
3853	623922.11	4265517.09	0.00044445	1.53E-04	3.71E-04	1.14E-04	8.80E-05	2.93E-05	6.86E-05	1.41E-05
3854	623925.99	4265508.08	0.00044494	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05	1.41E-05
3855	623929.88	4265499.07	0.00044543	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.93E-05	6.87E-05	1.41E-05
3856	623933.76	4265490.06	0.00044589	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.42E-05
3857	623937.64	4265481.06	0.00044615	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.42E-05
3858	623941.53	4265472.05	0.00044635	1.53E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05	1.42E-05
3859	623945.41	4265463.04	0.00044638	1.54E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05	1.42E-05
3860	623949.29	4265454.03	0.00044629	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.89E-05	1.42E-05
3861	623953.18	4265445.03	0.00044603	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.42E-05
3862	623957.06	4265436.02	0.00044557	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05	1.41E-05
3863	623960.94	4265427.01	0.00044497	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05	1.41E-05
3864	623964.82	4265418	0.00044417	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.93E-05	6.85E-05	1.41E-05
3865	623968.71	4265409	0.00044325	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05	1.41E-05
3866	623972.59	4265399.99	0.00044216	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
3867	623976.47	4265390.98	0.00044095	1.52E-04	3.69E-04	1.14E-04	8.73E-05	2.91E-05	6.80E-05	1.40E-05
3868	623980.36	4265381.97	0.00043966	1.51E-04	3.67E-04	1.13E-04	8.70E-05	2.90E-05	6.78E-05	1.40E-05
3869	623984.24	4265372.97	0.00043831	1.51E-04	3.66E-04	1.13E-04	8.68E-05	2.89E-05	6.76E-05	1.39E-05
3870	623988.12	4265363.96	0.00043691	1.50E-04	3.65E-04	1.12E-04	8.65E-05	2.88E-05	6.74E-05	1.39E-05
3871	623992.01	4265354.95	0.00043547	1.50E-04	3.64E-04	1.12E-04	8.62E-05	2.87E-05	6.72E-05	1.38E-05
3872	623995.89	4265345.94	0.00043407	1.49E-04	3.63E-04	1.12E-04	8.59E-05	2.86E-05	6.70E-05	1.38E-05
3873	623999.77	4265336.94	0.00043263	1.49E-04	3.62E-04	1.11E-04	8.56E-05	2.85E-05	6.68E-05	1.37E-05
3874	624003.65	4265327.93	0.00043125	1.48E-04	3.60E-04	1.11E-04	8.54E-05	2.84E-05	6.65E-05	1.37E-05
3875	624007.54	4265318.92	0.0004299	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.63E-05	1.36E-05
3876	624020.53	4265306.29	0.00043395	1.49E-04	3.63E-04	1.12E-04	8.59E-05	2.86E-05	6.70E-05	1.38E-05
3877	624029.65	4265302.66	0.00043943	1.51E-04	3.67E-04	1.13E-04	8.70E-05	2.90E-05	6.78E-05	1.39E-05
3878	624038.76	4265299.03	0.00044503	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05	1.41E-05
3879	624047.88	4265295.41	0.00045074	1.55E-04	3.77E-04	1.16E-04	8.92E-05	2.97E-05	6.96E-05	1.43E-05
3880	624056.99	4265291.78	0.00045654	1.57E-04	3.82E-04	1.18E-04	9.04E-05	3.01E-05	7.04E-05	1.45E-05
3881	624066.1	4265288.16	0.00046242	1.59E-04	3.87E-04	1.19E-04	9.15E-05	3.05E-05	7.14E-05	1.47E-05
3882	624075.22	4265284.53	0.0004683	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05	1.49E-05
3883	624084.33	4265280.9	0.00047422	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.12E-05	7.32E-05	1.50E-05
3884	624093.45	4265277.28	0.0004803	1.65E-04	4.01E-04	1.24E-04	9.51E-05	3.16E-05	7.41E-05	1.52E-05
3885	624102.56	4265273.65	0.00048627	1.67E-04	4.06E-04	1.25E-04	9.63E-05	3.20E-05	7.50E-05	1.54E-05
3886	624111.67	4265270.02	0.00049215	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05	1.56E-05
3887	624120.79	4265266.4	0.00049761	1.71E-04	4.16E-04	1.28E-04	9.85E-05	3.28E-05	7.68E-05	1.58E-05
3888	624129.9	4265262.77	0.00050277	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.76E-05	1.60E-05
3889	624139.02	4265259.15	0.00050768	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
3890	624148.13	4265255.52	0.0005123	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.91E-05	1.63E-05
3891	624157.24	4265251.89	0.00051661	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
3892	624166.36	4265248.27	0.00052057	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
3893	624175.47	4265244.64	0.00052418	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.09E-05	1.66E-05
3894	624184.58	4265241.01	0.0005274	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.14E-05	1.67E-05
3895	624193.7	4265237.39	0.0005303	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
3896	624202.81	4265233.76	0.00053279	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05
3897	624211.93	4265230.14	0.00053498	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.26E-05	1.70E-05
3898	624221.04	4265226.51	0.00053687	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
3899	624230.15	4265222.88	0.00053853	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05
3900	624239.27	4265219.26	0.00054008	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05	1.71E-05
3901	624248.38	4265215.63	0.00054158	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.36E-05	1.72E-05

3902	624257.5	4265212	0.00054313	1.87E-04	4.54E-04	1.40E-04	1.08E-04	3.58E-05	8.38E-05	1.72E-05
3903	624266.61	4265208.38	0.00054479	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.41E-05	1.73E-05
3904	624275.72	4265204.75	0.00054666	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.44E-05	1.73E-05
3905	624284.84	4265201.12	0.00054875	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05	1.74E-05
3906	624293.95	4265197.5	0.00055111	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.63E-05	8.50E-05	1.75E-05
3907	624303.07	4265193.87	0.00055369	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05	1.76E-05
3908	624312.18	4265190.25	0.0005565	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.59E-05	1.77E-05
3909	624321.29	4265186.62	0.00055946	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05	1.78E-05
3910	624330.41	4265182.99	0.00056253	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.79E-05
3911	624339.52	4265179.37	0.00056569	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05	1.80E-05
3912	624348.63	4265175.74	0.00056884	1.96E-04	4.75E-04	1.46E-04	1.13E-04	3.75E-05	8.78E-05	1.81E-05
3913	624357.75	4265172.11	0.0005722	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05	1.82E-05
3914	623859.98	4265661.21	0.00044618	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.42E-05
3915	623859.84	4265671.1	0.00044953	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05	1.43E-05
3916	623859.7	4265680.99	0.00045272	1.56E-04	3.78E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05	1.44E-05
3917	623859.55	4265690.88	0.00045568	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
3918	623859.41	4265700.78	0.00045843	1.58E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05	1.45E-05
3919	623859.27	4265710.67	0.00046096	1.59E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05	1.46E-05
3920	623859.12	4265720.56	0.00046343	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05	1.47E-05
3921	623858.98	4265730.45	0.00046584	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
3922	623858.84	4265740.35	0.00046819	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
3923	623858.69	4265750.24	0.00047037	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
3924	623858.55	4265760.13	0.00047255	1.63E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
3925	623858.41	4265770.02	0.00047488	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.33E-05	1.51E-05
3926	623858.26	4265779.92	0.00047746	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.15E-05	7.37E-05	1.52E-05
3927	623858.12	4265789.81	0.00048039	1.65E-04	4.02E-04	1.24E-04	9.51E-05	3.17E-05	7.41E-05	1.52E-05
3928	623857.98	4265799.7	0.00048369	1.66E-04	4.04E-04	1.25E-04	9.57E-05	3.19E-05	7.46E-05	1.54E-05
3929	623857.84	4265809.59	0.00048725	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05	1.55E-05
3930	623857.69	4265819.49	0.00049112	1.69E-04	4.11E-04	1.26E-04	9.72E-05	3.24E-05	7.58E-05	1.56E-05
3931	623857.55	4265829.38	0.0004954	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.64E-05	1.57E-05
3932	623857.41	4265839.27	0.0005001	1.72E-04	4.18E-04	1.29E-04	9.90E-05	3.29E-05	7.72E-05	1.59E-05
3933	623857.26	4265849.16	0.00050518	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.60E-05
3934	623857.12	4265859.06	0.00051064	1.76E-04	4.27E-04	1.31E-04	1.01E-04	3.36E-05	7.88E-05	1.62E-05
3935	623856.98	4265868.95	0.00051635	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
3936	623856.83	4265878.84	0.00052232	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
3937	623856.69	4265888.73	0.00052846	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05	1.68E-05
3938	623856.55	4265898.63	0.00053469	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05	1.70E-05
3939	623856.4	4265908.52	0.00054092	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.56E-05	8.35E-05	1.72E-05
3940	623856.26	4265918.41	0.00054712	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.44E-05	1.74E-05
3941	623856.12	4265928.3	0.00055317	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.54E-05	1.76E-05
3942	623855.97	4265938.2	0.00055906	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.63E-05	1.77E-05
3943	623855.83	4265948.09	0.00056471	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.71E-05	1.79E-05
3944	623855.69	4265957.98	0.00057005	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
3945	623855.55	4265967.87	0.00057507	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.83E-05
3946	623855.4	4265977.77	0.00057969	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.94E-05	1.84E-05
3947	623855.26	4265987.66	0.00058397	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05	1.85E-05
3948	623855.12	4265997.55	0.00058793	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.87E-05
3949	623854.97	4266007.44	0.00059146	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
3950	623854.83	4266017.34	0.00059456	2.04E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.17E-05	1.89E-05
3951	623854.69	4266027.23	0.00059731	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05	1.90E-05
3952	623854.54	4266037.12	0.00059967	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.25E-05	1.90E-05
3953	623854.4	4266047.01	0.00060159	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05	1.91E-05
3954	623854.26	4266056.91	0.000603	2.07E-04	5.04E-04	1.55E-04	1.19E-04	3.97E-05	9.30E-05	1.91E-05
3955	623854.11	4266066.8	0.00060409	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.32E-05	1.92E-05
3956	623813.86	4265651.5	0.00040442	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.66E-05	6.24E-05	1.28E-05

3957	623817.74	4265642.51	0.00040459	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.24E-05	1.28E-05
3958	623821.61	4265633.52	0.00040465	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.24E-05	1.28E-05
3959	623825.48	4265624.54	0.00040456	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.24E-05	1.28E-05
3960	623829.36	4265615.55	0.00040442	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.66E-05	6.24E-05	1.28E-05
3961	623833.23	4265606.56	0.00040422	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
3962	623837.11	4265597.58	0.00040399	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05	1.28E-05
3963	623840.98	4265588.59	0.00040373	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
3964	623844.85	4265579.6	0.00040353	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
3965	623848.73	4265570.62	0.00040338	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
3966	623852.6	4265561.63	0.0004033	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
3967	623856.48	4265552.64	0.0004033	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
3968	623860.35	4265543.66	0.00040336	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
3969	623864.22	4265534.67	0.0004035	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
3970	623868.1	4265525.68	0.00040373	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
3971	623871.97	4265516.7	0.00040402	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05	1.28E-05
3972	623875.85	4265507.71	0.00040436	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
3973	623879.72	4265498.73	0.00040476	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.25E-05	1.28E-05
3974	623883.59	4265489.74	0.00040514	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05	1.29E-05
3975	623887.47	4265480.75	0.00040551	1.39E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
3976	623891.34	4265471.77	0.00040582	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
3977	623895.22	4265462.78	0.00040608	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
3978	623899.09	4265453.79	0.00040625	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
3979	623902.96	4265444.81	0.00040628	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
3980	623906.84	4265435.82	0.00040628	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
3981	623910.71	4265426.83	0.00040617	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
3982	623914.59	4265417.85	0.00040588	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
3983	623918.46	4265408.86	0.00040542	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.26E-05	1.29E-05
3984	623922.33	4265399.87	0.00040482	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.25E-05	1.28E-05
3985	623926.21	4265390.89	0.00040407	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
3986	623930.08	4265381.9	0.00040321	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
3987	623933.96	4265372.91	0.00040218	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
3988	623937.83	4265363.93	0.00040097	1.38E-04	3.35E-04	1.03E-04	7.94E-05	2.64E-05	6.19E-05	1.27E-05
3989	623941.7	4265354.94	0.00039971	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.17E-05	1.27E-05
3990	623945.58	4265345.95	0.00039842	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.62E-05	6.15E-05	1.26E-05
3991	623949.45	4265336.97	0.00039707	1.37E-04	3.32E-04	1.02E-04	7.86E-05	2.62E-05	6.13E-05	1.26E-05
3992	623953.33	4265327.98	0.00039575	1.36E-04	3.31E-04	1.02E-04	7.83E-05	2.61E-05	6.11E-05	1.26E-05
3993	623957.2	4265318.99	0.0003944	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05	1.25E-05
3994	623961.07	4265310.01	0.00039308	1.35E-04	3.29E-04	1.01E-04	7.78E-05	2.59E-05	6.07E-05	1.25E-05
3995	623964.95	4265301.02	0.00039182	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05	1.24E-05
3996	623968.82	4265292.03	0.00039061	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
3997	623972.7	4265283.05	0.00038946	1.34E-04	3.26E-04	1.00E-04	7.71E-05	2.57E-05	6.01E-05	1.24E-05
3998	623985.66	4265270.44	0.00039294	1.35E-04	3.28E-04	1.01E-04	7.78E-05	2.59E-05	6.06E-05	1.25E-05
3999	623994.75	4265266.83	0.00039764	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.14E-05	1.26E-05
4000	624003.85	4265263.21	0.00040247	1.38E-04	3.36E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
4001	624012.94	4265259.59	0.00040743	1.40E-04	3.41E-04	1.05E-04	8.06E-05	2.68E-05	6.29E-05	1.29E-05
4002	624022.03	4265255.97	0.00041248	1.42E-04	3.45E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05	1.31E-05
4003	624031.13	4265252.35	0.00041762	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.44E-05	1.33E-05
4004	624040.22	4265248.74	0.00042281	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.79E-05	6.52E-05	1.34E-05
4005	624049.31	4265245.12	0.00042804	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05	1.36E-05
4006	624058.4	4265241.5	0.00043329	1.49E-04	3.62E-04	1.12E-04	8.58E-05	2.85E-05	6.69E-05	1.38E-05
4007	624067.5	4265237.88	0.00043849	1.51E-04	3.67E-04	1.13E-04	8.68E-05	2.89E-05	6.77E-05	1.39E-05
4008	624076.59	4265234.26	0.00044365	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05	1.41E-05
4009	624085.68	4265230.65	0.00044873	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.92E-05	1.42E-05
4010	624094.77	4265227.03	0.00045384	1.56E-04	3.79E-04	1.17E-04	8.98E-05	2.99E-05	7.00E-05	1.44E-05
4011	624103.87	4265223.41	0.00045866	1.58E-04	3.83E-04	1.18E-04	9.08E-05	3.02E-05	7.08E-05	1.46E-05

4012	624112.96	4265219.79	0.00046325	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05	1.47E-05
4013	624122.05	4265216.18	0.00046759	1.61E-04	3.91E-04	1.20E-04	9.26E-05	3.08E-05	7.22E-05	1.48E-05
4014	624131.15	4265212.56	0.00047169	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
4015	624140.24	4265208.94	0.00047562	1.64E-04	3.98E-04	1.22E-04	9.41E-05	3.13E-05	7.34E-05	1.51E-05
4016	624149.33	4265205.32	0.0004791	1.65E-04	4.00E-04	1.23E-04	9.48E-05	3.16E-05	7.39E-05	1.52E-05
4017	624158.42	4265201.7	0.00048217	1.66E-04	4.03E-04	1.24E-04	9.54E-05	3.18E-05	7.44E-05	1.53E-05
4018	624167.52	4265198.09	0.00048489	1.67E-04	4.05E-04	1.25E-04	9.60E-05	3.19E-05	7.48E-05	1.54E-05
4019	624176.61	4265194.47	0.00048725	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05	1.55E-05
4020	624185.7	4265190.85	0.00048926	1.68E-04	4.09E-04	1.26E-04	9.68E-05	3.22E-05	7.55E-05	1.55E-05
4021	624194.79	4265187.23	0.00049095	1.69E-04	4.10E-04	1.26E-04	9.72E-05	3.23E-05	7.58E-05	1.56E-05
4022	624203.89	4265183.61	0.00049236	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05	1.56E-05
4023	624212.98	4265180	0.0004935	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05	1.57E-05
4024	624222.07	4265176.38	0.00049451	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05	1.57E-05
4025	624231.17	4265172.76	0.0004954	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.64E-05	1.57E-05
4026	624240.26	4265169.14	0.00049626	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.66E-05	1.57E-05
4027	624249.35	4265165.53	0.00049718	1.71E-04	4.16E-04	1.28E-04	9.84E-05	3.28E-05	7.67E-05	1.58E-05
4028	624258.44	4265161.91	0.00049824	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05	1.58E-05
4029	624267.54	4265158.29	0.00049947	1.72E-04	4.17E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05	1.59E-05
4030	624276.63	4265154.67	0.00050088	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05	1.59E-05
4031	624285.72	4265151.05	0.00050254	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.75E-05	1.59E-05
4032	624294.81	4265147.44	0.00050438	1.73E-04	4.22E-04	1.30E-04	9.98E-05	3.32E-05	7.78E-05	1.60E-05
4033	624303.91	4265143.82	0.00050645	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.81E-05	1.61E-05
4034	624313	4265140.2	0.00050866	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05	1.61E-05
4035	624322.09	4265136.58	0.00051098	1.76E-04	4.27E-04	1.32E-04	1.01E-04	3.37E-05	7.88E-05	1.62E-05
4036	624331.19	4265132.96	0.00051362	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.93E-05	1.63E-05
4037	624340.28	4265129.35	0.00051638	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
4038	624349.37	4265125.73	0.0005191	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
4039	624358.46	4265122.11	0.00052169	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.44E-05	8.05E-05	1.66E-05
4040	623809.99	4265660.48	0.00040407	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
4041	623809.84	4265670.38	0.00040671	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05	1.29E-05
4042	623809.7	4265680.27	0.00040921	1.41E-04	3.42E-04	1.05E-04	8.10E-05	2.70E-05	6.31E-05	1.30E-05
4043	623809.56	4265690.16	0.00041154	1.42E-04	3.44E-04	1.06E-04	8.15E-05	2.71E-05	6.35E-05	1.31E-05
4044	623809.42	4265700.05	0.00041366	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.38E-05	1.31E-05
4045	623809.27	4265709.95	0.00041564	1.43E-04	3.47E-04	1.07E-04	8.23E-05	2.74E-05	6.41E-05	1.32E-05
4046	623809.13	4265719.84	0.00041748	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
4047	623808.99	4265729.73	0.00041923	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
4048	623808.84	4265739.62	0.00042089	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05	1.34E-05
4049	623808.7	4265749.52	0.00042253	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
4050	623808.56	4265759.41	0.00042425	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05	1.35E-05
4051	623808.41	4265769.3	0.00042603	1.47E-04	3.56E-04	1.10E-04	8.43E-05	2.81E-05	6.57E-05	1.35E-05
4052	623808.27	4265779.19	0.00042801	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05	1.36E-05
4053	623808.13	4265789.09	0.00043019	1.48E-04	3.60E-04	1.11E-04	8.52E-05	2.83E-05	6.64E-05	1.37E-05
4054	623807.98	4265798.98	0.00043266	1.49E-04	3.62E-04	1.11E-04	8.56E-05	2.85E-05	6.68E-05	1.37E-05
4055	623807.84	4265808.87	0.00043544	1.50E-04	3.64E-04	1.12E-04	8.62E-05	2.87E-05	6.72E-05	1.38E-05
4056	623807.7	4265818.76	0.0004386	1.51E-04	3.67E-04	1.13E-04	8.68E-05	2.89E-05	6.77E-05	1.39E-05
4057	623807.55	4265828.66	0.00044213	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
4058	623807.41	4265838.55	0.00044612	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.42E-05
4059	623807.27	4265848.44	0.00045065	1.55E-04	3.77E-04	1.16E-04	8.92E-05	2.97E-05	6.95E-05	1.43E-05
4060	623807.13	4265858.33	0.0004555	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
4061	623806.98	4265868.23	0.00046058	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.03E-05	7.11E-05	1.46E-05
4062	623806.84	4265878.12	0.00046578	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
4063	623806.7	4265888.01	0.00047117	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.10E-05	7.27E-05	1.50E-05
4064	623806.55	4265897.9	0.00047671	1.64E-04	3.98E-04	1.23E-04	9.44E-05	3.14E-05	7.36E-05	1.51E-05
4065	623806.41	4265907.8	0.00048237	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05	1.53E-05
4066	623806.27	4265917.69	0.00048805	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.22E-05	7.53E-05	1.55E-05

4067	623806.12	4265927.58	0.00049359	1.70E-04	4.13E-04	1.27E-04	9.77E-05	3.25E-05	7.62E-05	1.57E-05
4068	623805.98	4265937.47	0.00049896	1.72E-04	4.17E-04	1.28E-04	9.88E-05	3.29E-05	7.70E-05	1.58E-05
4069	623805.84	4265947.37	0.00050415	1.73E-04	4.21E-04	1.30E-04	9.98E-05	3.32E-05	7.78E-05	1.60E-05
4070	623805.69	4265957.26	0.00050906	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.86E-05	1.62E-05
4071	623763.86	4265650.79	0.00036817	1.27E-04	3.08E-04	9.48E-05	7.29E-05	2.43E-05	5.68E-05	1.17E-05
4072	623767.73	4265641.82	0.00036848	1.27E-04	3.08E-04	9.49E-05	7.29E-05	2.43E-05	5.69E-05	1.17E-05
4073	623771.59	4265632.85	0.00036871	1.27E-04	3.08E-04	9.49E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4074	623775.46	4265623.88	0.00036886	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4075	623779.33	4265614.91	0.00036892	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4076	623783.19	4265605.94	0.00036894	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4077	623787.06	4265596.98	0.00036892	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4078	623790.92	4265588.01	0.00036889	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4079	623794.79	4265579.04	0.00036886	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4080	623798.66	4265570.07	0.00036889	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4081	623802.52	4265561.1	0.00036892	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4082	623806.39	4265552.13	0.000369	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4083	623810.26	4265543.16	0.00036914	1.27E-04	3.09E-04	9.50E-05	7.31E-05	2.43E-05	5.70E-05	1.17E-05
4084	623814.12	4265534.19	0.00036935	1.27E-04	3.09E-04	9.51E-05	7.31E-05	2.43E-05	5.70E-05	1.17E-05
4085	623817.99	4265525.22	0.0003696	1.27E-04	3.09E-04	9.52E-05	7.32E-05	2.44E-05	5.70E-05	1.17E-05
4086	623821.86	4265516.25	0.00036992	1.27E-04	3.09E-04	9.52E-05	7.32E-05	2.44E-05	5.71E-05	1.17E-05
4087	623825.72	4265507.28	0.00037026	1.27E-04	3.09E-04	9.53E-05	7.33E-05	2.44E-05	5.71E-05	1.18E-05
4088	623829.59	4265498.31	0.00037067	1.27E-04	3.10E-04	9.54E-05	7.34E-05	2.44E-05	5.72E-05	1.18E-05
4089	623833.46	4265489.35	0.0003711	1.28E-04	3.10E-04	9.55E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
4090	623837.32	4265480.38	0.0003715	1.28E-04	3.11E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
4091	623841.19	4265471.41	0.00037193	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
4092	623845.06	4265462.44	0.0003723	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.74E-05	1.18E-05
4093	623848.92	4265453.47	0.00037262	1.28E-04	3.11E-04	9.59E-05	7.38E-05	2.45E-05	5.75E-05	1.18E-05
4094	623852.79	4265444.5	0.00037288	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
4095	623856.66	4265435.53	0.00037302	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.76E-05	1.18E-05
4096	623860.52	4265426.56	0.00037305	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.76E-05	1.18E-05
4097	623864.39	4265417.59	0.00037296	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
4098	623868.25	4265408.62	0.00037273	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
4099	623872.12	4265399.65	0.00037236	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
4100	623875.99	4265390.68	0.00037181	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
4101	623879.85	4265381.72	0.00037115	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
4102	623883.72	4265372.75	0.00037035	1.27E-04	3.10E-04	9.53E-05	7.33E-05	2.44E-05	5.71E-05	1.18E-05
4103	623887.59	4265363.78	0.00036943	1.27E-04	3.09E-04	9.51E-05	7.31E-05	2.43E-05	5.70E-05	1.17E-05
4104	623891.45	4265354.81	0.0003684	1.27E-04	3.08E-04	9.48E-05	7.29E-05	2.43E-05	5.68E-05	1.17E-05
4105	623895.32	4265345.84	0.00036725	1.26E-04	3.07E-04	9.46E-05	7.27E-05	2.42E-05	5.67E-05	1.17E-05
4106	623899.19	4265336.87	0.00036607	1.26E-04	3.06E-04	9.42E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
4107	623903.05	4265327.9	0.00036481	1.25E-04	3.05E-04	9.39E-05	7.22E-05	2.40E-05	5.63E-05	1.16E-05
4108	623906.92	4265318.93	0.00036361	1.25E-04	3.04E-04	9.36E-05	7.20E-05	2.40E-05	5.61E-05	1.15E-05
4109	623910.79	4265309.96	0.00036243	1.25E-04	3.03E-04	9.33E-05	7.17E-05	2.39E-05	5.59E-05	1.15E-05
4110	623914.65	4265300.99	0.00036122	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.57E-05	1.15E-05
4111	623918.52	4265292.02	0.00036008	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.56E-05	1.14E-05
4112	623922.39	4265283.05	0.00035893	1.23E-04	3.00E-04	9.24E-05	7.10E-05	2.36E-05	5.54E-05	1.14E-05
4113	623926.25	4265274.09	0.00035787	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05	1.14E-05
4114	623930.12	4265265.12	0.00035683	1.23E-04	2.98E-04	9.19E-05	7.06E-05	2.35E-05	5.51E-05	1.13E-05
4115	623933.99	4265256.15	0.00035583	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05	1.13E-05
4116	623937.85	4265247.18	0.00035485	1.22E-04	2.97E-04	9.14E-05	7.02E-05	2.34E-05	5.48E-05	1.13E-05
4117	623950.79	4265234.6	0.00035792	1.23E-04	2.99E-04	9.22E-05	7.08E-05	2.36E-05	5.52E-05	1.14E-05
4118	623959.87	4265230.99	0.000362	1.24E-04	3.03E-04	9.32E-05	7.17E-05	2.39E-05	5.59E-05	1.15E-05
4119	623968.94	4265227.38	0.00036622	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
4120	623978.02	4265223.76	0.00037052	1.27E-04	3.10E-04	9.54E-05	7.33E-05	2.44E-05	5.72E-05	1.18E-05
4121	623987.09	4265220.15	0.00037497	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.79E-05	1.19E-05

4122	623996.17	4265216.54	0.00037951	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
4123	624005.24	4265212.93	0.0003841	1.32E-04	3.21E-04	9.89E-05	7.60E-05	2.53E-05	5.93E-05	1.22E-05
4124	624014.32	4265209.32	0.00038875	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	6.00E-05	1.23E-05
4125	624023.39	4265205.71	0.00039345	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.07E-05	1.25E-05
4126	624032.47	4265202.1	0.00039816	1.37E-04	3.33E-04	1.03E-04	7.88E-05	2.62E-05	6.14E-05	1.26E-05
4127	624041.54	4265198.49	0.00040287	1.39E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.22E-05	1.28E-05
4128	624050.62	4265194.88	0.00040752	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.68E-05	6.29E-05	1.29E-05
4129	624059.7	4265191.27	0.00041208	1.42E-04	3.44E-04	1.06E-04	8.16E-05	2.71E-05	6.36E-05	1.31E-05
4130	624068.77	4265187.66	0.00041656	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.74E-05	6.43E-05	1.32E-05
4131	624077.85	4265184.05	0.00042089	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05	1.34E-05
4132	624086.92	4265180.43	0.00042505	1.46E-04	3.55E-04	1.09E-04	8.41E-05	2.80E-05	6.56E-05	1.35E-05
4133	624096	4265176.82	0.00042904	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05	1.36E-05
4134	624105.07	4265173.21	0.0004328	1.49E-04	3.62E-04	1.11E-04	8.57E-05	2.85E-05	6.68E-05	1.37E-05
4135	624114.15	4265169.6	0.00043633	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.87E-05	6.73E-05	1.38E-05
4136	624123.22	4265165.99	0.00043978	1.51E-04	3.68E-04	1.13E-04	8.70E-05	2.90E-05	6.79E-05	1.40E-05
4137	624132.3	4265162.38	0.00044296	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05	1.41E-05
4138	624141.37	4265158.77	0.00044583	1.53E-04	3.73E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05	1.41E-05
4139	624150.45	4265155.16	0.00044819	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05	1.42E-05
4140	624159.52	4265151.55	0.00045014	1.55E-04	3.76E-04	1.16E-04	8.91E-05	2.97E-05	6.95E-05	1.43E-05
4141	624168.6	4265147.94	0.00045177	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05	1.43E-05
4142	624177.67	4265144.33	0.00045306	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.99E-05	6.99E-05	1.44E-05
4143	624186.75	4265140.72	0.0004541	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05	1.44E-05
4144	624195.82	4265137.1	0.00045484	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05	1.44E-05
4145	624204.9	4265133.49	0.00045542	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05	1.45E-05
4146	624213.97	4265129.88	0.00045585	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
4147	624223.05	4265126.27	0.00045622	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.01E-05	7.04E-05	1.45E-05
4148	624232.12	4265122.66	0.0004566	1.57E-04	3.82E-04	1.18E-04	9.04E-05	3.01E-05	7.05E-05	1.45E-05
4149	624241.2	4265119.05	0.00045705	1.57E-04	3.82E-04	1.18E-04	9.05E-05	3.01E-05	7.05E-05	1.45E-05
4150	624250.27	4265115.44	0.0004576	1.57E-04	3.82E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05	1.45E-05
4151	624259.35	4265111.83	0.00045832	1.58E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05	1.45E-05
4152	624268.42	4265108.22	0.00045924	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05	1.46E-05
4153	624277.5	4265104.61	0.00046033	1.58E-04	3.85E-04	1.19E-04	9.11E-05	3.03E-05	7.10E-05	1.46E-05
4154	624286.57	4265101	0.00046162	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.47E-05
4155	624295.65	4265097.38	0.00046308	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05	1.47E-05
4156	624304.72	4265093.77	0.00046472	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.47E-05
4157	624313.8	4265090.16	0.0004665	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.20E-05	1.48E-05
4158	624322.87	4265086.55	0.00046836	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05	1.49E-05
4159	624331.95	4265082.94	0.00047051	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
4160	624341.02	4265079.33	0.00047272	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.11E-05	7.29E-05	1.50E-05
4161	624350.1	4265075.72	0.00047499	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.33E-05	1.51E-05
4162	624359.17	4265072.11	0.00047703	1.64E-04	3.99E-04	1.23E-04	9.44E-05	3.14E-05	7.36E-05	1.51E-05
4163	623759.99	4265659.76	0.00036771	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.67E-05	1.17E-05
4164	623759.85	4265669.65	0.00036983	1.27E-04	3.09E-04	9.52E-05	7.32E-05	2.44E-05	5.71E-05	1.17E-05
4165	623759.71	4265679.55	0.00037184	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
4166	623759.56	4265689.44	0.00037374	1.29E-04	3.12E-04	9.62E-05	7.40E-05	2.46E-05	5.77E-05	1.19E-05
4167	623759.42	4265699.33	0.00037549	1.29E-04	3.14E-04	9.67E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
4168	623759.28	4265709.22	0.00037709	1.30E-04	3.15E-04	9.71E-05	7.46E-05	2.48E-05	5.82E-05	1.20E-05
4169	623759.13	4265719.12	0.00037862	1.30E-04	3.16E-04	9.75E-05	7.49E-05	2.49E-05	5.84E-05	1.20E-05
4170	623758.99	4265729.01	0.00038008	1.31E-04	3.18E-04	9.79E-05	7.52E-05	2.50E-05	5.86E-05	1.21E-05
4171	623758.85	4265738.9	0.00038149	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.89E-05	1.21E-05
4172	623758.7	4265748.79	0.00038289	1.32E-04	3.20E-04	9.86E-05	7.58E-05	2.52E-05	5.91E-05	1.22E-05
4173	623758.56	4265758.69	0.00038433	1.32E-04	3.21E-04	9.90E-05	7.61E-05	2.53E-05	5.93E-05	1.22E-05
4174	623758.42	4265768.58	0.00038585	1.33E-04	3.23E-04	9.93E-05	7.64E-05	2.54E-05	5.95E-05	1.22E-05
4175	623758.28	4265778.47	0.00038751	1.33E-04	3.24E-04	9.98E-05	7.67E-05	2.55E-05	5.98E-05	1.23E-05
4176	623758.13	4265788.36	0.00038938	1.34E-04	3.25E-04	1.00E-04	7.71E-05	2.57E-05	6.01E-05	1.24E-05

4177	623757.99	4265798.26	0.00039145	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
4178	623757.85	4265808.15	0.00039377	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.08E-05	1.25E-05
4179	623757.7	4265818.04	0.00039641	1.36E-04	3.31E-04	1.02E-04	7.85E-05	2.61E-05	6.12E-05	1.26E-05
4180	623757.56	4265827.93	0.00039934	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05	1.27E-05
4181	623757.42	4265837.83	0.00040264	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
4182	623757.27	4265847.72	0.0004062	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
4183	623757.13	4265857.61	0.0004101	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05	1.30E-05
4184	623756.99	4265867.5	0.00041429	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
4185	623756.84	4265877.4	0.00041871	1.44E-04	3.50E-04	1.08E-04	8.29E-05	2.76E-05	6.46E-05	1.33E-05
4186	623756.7	4265887.29	0.00042333	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05	1.34E-05
4187	623756.56	4265897.18	0.00042812	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.61E-05	1.36E-05
4188	623756.41	4265907.07	0.000433	1.49E-04	3.62E-04	1.11E-04	8.57E-05	2.85E-05	6.68E-05	1.37E-05
4189	623756.27	4265916.97	0.00043794	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05	1.39E-05
4190	623756.13	4265926.86	0.00044288	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.83E-05	1.41E-05
4191	623755.99	4265936.75	0.00044796	1.54E-04	3.74E-04	1.15E-04	8.87E-05	2.95E-05	6.91E-05	1.42E-05
4192	623755.84	4265946.64	0.00045286	1.56E-04	3.79E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05	1.44E-05
4193	623755.7	4265956.54	0.0004576	1.57E-04	3.82E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05	1.45E-05
4194	623713.86	4265650.08	0.00033585	1.15E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.18E-05	1.07E-05
4195	623717.72	4265641.13	0.00033623	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
4196	623721.58	4265632.17	0.00033657	1.16E-04	2.81E-04	8.67E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
4197	623725.44	4265623.22	0.00033686	1.16E-04	2.82E-04	8.67E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
4198	623729.3	4265614.26	0.00033717	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
4199	623733.16	4265605.31	0.00033743	1.16E-04	2.82E-04	8.69E-05	6.68E-05	2.22E-05	5.21E-05	1.07E-05
4200	623737.02	4265596.36	0.00033769	1.16E-04	2.82E-04	8.69E-05	6.68E-05	2.22E-05	5.21E-05	1.07E-05
4201	623740.88	4265587.4	0.00033792	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05	1.07E-05
4202	623744.74	4265578.45	0.00033815	1.16E-04	2.83E-04	8.71E-05	6.69E-05	2.23E-05	5.22E-05	1.07E-05
4203	623748.6	4265569.49	0.00033841	1.16E-04	2.83E-04	8.71E-05	6.70E-05	2.23E-05	5.22E-05	1.07E-05
4204	623752.46	4265560.54	0.00033869	1.16E-04	2.83E-04	8.72E-05	6.70E-05	2.23E-05	5.23E-05	1.07E-05
4205	623756.32	4265551.58	0.00033895	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
4206	623760.18	4265542.63	0.00033918	1.17E-04	2.84E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
4207	623764.04	4265533.67	0.0003395	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
4208	623767.9	4265524.72	0.00033984	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05	1.08E-05
4209	623771.76	4265515.76	0.00034021	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
4210	623775.62	4265506.81	0.00034062	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
4211	623779.48	4265497.86	0.00034105	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
4212	623783.34	4265488.9	0.00034154	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
4213	623787.2	4265479.95	0.00034199	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4214	623791.06	4265470.99	0.00034248	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.28E-05	1.09E-05
4215	623794.92	4265462.04	0.00034294	1.18E-04	2.87E-04	8.83E-05	6.79E-05	2.26E-05	5.29E-05	1.09E-05
4216	623798.78	4265453.08	0.00034337	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
4217	623802.64	4265444.13	0.00034377	1.18E-04	2.87E-04	8.85E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
4218	623806.5	4265435.17	0.00034412	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05	1.09E-05
4219	623810.36	4265426.22	0.00034435	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.31E-05	1.09E-05
4220	623814.22	4265417.26	0.00034449	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05	1.09E-05
4221	623818.08	4265408.31	0.00034455	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05	1.09E-05
4222	623821.94	4265399.36	0.00034446	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05	1.09E-05
4223	623825.8	4265390.4	0.00034423	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05	1.09E-05
4224	623829.66	4265381.45	0.00034386	1.18E-04	2.87E-04	8.85E-05	6.81E-05	2.27E-05	5.31E-05	1.09E-05
4225	623833.52	4265372.49	0.00034337	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
4226	623837.38	4265363.54	0.00034274	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.29E-05	1.09E-05
4227	623841.24	4265354.58	0.00034197	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4228	623845.1	4265345.63	0.00034108	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
4229	623848.96	4265336.67	0.00034007	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
4230	623852.82	4265327.72	0.00033901	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
4231	623856.69	4265318.76	0.00033783	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05	1.07E-05

4232	623860.55	4265309.81	0.00033663	1.16E-04	2.81E-04	8.67E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
4233	623864.41	4265300.86	0.00033539	1.15E-04	2.80E-04	8.63E-05	6.64E-05	2.21E-05	5.18E-05	1.06E-05
4234	623868.27	4265291.9	0.00033413	1.15E-04	2.79E-04	8.60E-05	6.61E-05	2.20E-05	5.16E-05	1.06E-05
4235	623872.13	4265282.95	0.00033287	1.14E-04	2.78E-04	8.57E-05	6.59E-05	2.19E-05	5.14E-05	1.06E-05
4236	623875.99	4265273.99	0.0003316	1.14E-04	2.77E-04	8.54E-05	6.56E-05	2.18E-05	5.12E-05	1.05E-05
4237	623879.85	4265265.04	0.0003304	1.14E-04	2.76E-04	8.51E-05	6.54E-05	2.18E-05	5.10E-05	1.05E-05
4238	623883.71	4265256.08	0.00032922	1.13E-04	2.75E-04	8.48E-05	6.52E-05	2.17E-05	5.08E-05	1.04E-05
4239	623887.57	4265247.13	0.00032813	1.13E-04	2.74E-04	8.45E-05	6.49E-05	2.16E-05	5.06E-05	1.04E-05
4240	623891.43	4265238.17	0.00032707	1.12E-04	2.73E-04	8.42E-05	6.47E-05	2.15E-05	5.05E-05	1.04E-05
4241	623895.29	4265229.22	0.00032609	1.12E-04	2.73E-04	8.40E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
4242	623899.15	4265220.26	0.0003252	1.12E-04	2.72E-04	8.37E-05	6.44E-05	2.14E-05	5.02E-05	1.03E-05
4243	623903.01	4265211.31	0.00032437	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.01E-05	1.03E-05
4244	623915.93	4265198.75	0.00032736	1.13E-04	2.74E-04	8.43E-05	6.48E-05	2.16E-05	5.05E-05	1.04E-05
4245	623924.99	4265195.15	0.00033115	1.14E-04	2.77E-04	8.53E-05	6.55E-05	2.18E-05	5.11E-05	1.05E-05
4246	623934.05	4265191.54	0.00033505	1.15E-04	2.80E-04	8.63E-05	6.63E-05	2.21E-05	5.17E-05	1.06E-05
4247	623943.11	4265187.94	0.00033887	1.17E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
4248	623952.17	4265184.33	0.00034277	1.18E-04	2.87E-04	8.83E-05	6.78E-05	2.26E-05	5.29E-05	1.09E-05
4249	623961.23	4265180.73	0.00034679	1.19E-04	2.90E-04	8.93E-05	6.86E-05	2.28E-05	5.35E-05	1.10E-05
4250	623970.29	4265177.12	0.00035086	1.21E-04	2.93E-04	9.03E-05	6.94E-05	2.31E-05	5.41E-05	1.11E-05
4251	623979.35	4265173.52	0.00035502	1.22E-04	2.97E-04	9.14E-05	7.03E-05	2.34E-05	5.48E-05	1.13E-05
4252	623988.41	4265169.91	0.00035924	1.24E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05	1.14E-05
4253	623997.47	4265166.31	0.00036349	1.25E-04	3.04E-04	9.36E-05	7.19E-05	2.39E-05	5.61E-05	1.15E-05
4254	624006.53	4265162.7	0.00036774	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.67E-05	1.17E-05
4255	624015.59	4265159.1	0.00037199	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
4256	624024.65	4265155.49	0.00037621	1.29E-04	3.14E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
4257	624033.71	4265151.89	0.0003804	1.31E-04	3.18E-04	9.79E-05	7.53E-05	2.51E-05	5.87E-05	1.21E-05
4258	624042.77	4265148.28	0.00038447	1.32E-04	3.21E-04	9.90E-05	7.61E-05	2.53E-05	5.93E-05	1.22E-05
4259	624051.83	4265144.68	0.00038846	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	5.99E-05	1.23E-05
4260	624060.89	4265141.07	0.00039231	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.58E-05	6.05E-05	1.24E-05
4261	624069.95	4265137.47	0.00039601	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05	1.26E-05
4262	624079.01	4265133.86	0.00039951	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.16E-05	1.27E-05
4263	624088.07	4265130.26	0.00040281	1.39E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.22E-05	1.28E-05
4264	624097.13	4265126.65	0.00040588	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
4265	624106.19	4265123.05	0.00040869	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05	1.30E-05
4266	624115.25	4265119.44	0.00041128	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.35E-05	1.31E-05
4267	624124.31	4265115.84	0.00041377	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.38E-05	1.31E-05
4268	624133.37	4265112.23	0.00041593	1.43E-04	3.48E-04	1.07E-04	8.23E-05	2.74E-05	6.42E-05	1.32E-05
4269	624142.44	4265108.63	0.00041776	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05	1.33E-05
4270	624151.5	4265105.02	0.00041911	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
4271	624160.56	4265101.42	0.00042012	1.44E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.48E-05	1.33E-05
4272	624169.62	4265097.81	0.00042083	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05	1.34E-05
4273	624178.68	4265094.21	0.00042129	1.45E-04	3.52E-04	1.08E-04	8.34E-05	2.78E-05	6.50E-05	1.34E-05
4274	624187.74	4265090.6	0.00042152	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.50E-05	1.34E-05
4275	624196.8	4265087	0.00042164	1.45E-04	3.52E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
4276	624205.86	4265083.39	0.00042164	1.45E-04	3.52E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
4277	624214.92	4265079.79	0.00042161	1.45E-04	3.52E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
4278	624223.98	4265076.18	0.00042158	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.51E-05	1.34E-05
4279	624233.04	4265072.58	0.00042167	1.45E-04	3.52E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
4280	624242.1	4265068.97	0.00042184	1.45E-04	3.53E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
4281	624251.16	4265065.37	0.00042215	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.51E-05	1.34E-05
4282	624260.22	4265061.76	0.00042267	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.78E-05	6.52E-05	1.34E-05
4283	624269.28	4265058.16	0.00042336	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05	1.34E-05
4284	624278.34	4265054.55	0.00042422	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05	1.35E-05
4285	624287.4	4265050.95	0.00042525	1.46E-04	3.55E-04	1.09E-04	8.42E-05	2.80E-05	6.56E-05	1.35E-05
4286	624296.46	4265047.34	0.00042646	1.47E-04	3.56E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05	1.35E-05

4287	624305.52	4265043.74	0.00042778	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05	1.36E-05
4288	624314.58	4265040.13	0.00042924	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.62E-05	1.36E-05
4289	624323.64	4265036.53	0.00043076	1.48E-04	3.60E-04	1.11E-04	8.53E-05	2.84E-05	6.65E-05	1.37E-05
4290	624332.7	4265032.92	0.00043257	1.49E-04	3.62E-04	1.11E-04	8.56E-05	2.85E-05	6.67E-05	1.37E-05
4291	624341.76	4265029.32	0.00043444	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05	1.38E-05
4292	624350.82	4265025.71	0.0004363	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.87E-05	6.73E-05	1.38E-05
4293	624359.88	4265022.11	0.00043803	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05	1.39E-05
4294	623710	4265659.04	0.00033536	1.15E-04	2.80E-04	8.63E-05	6.64E-05	2.21E-05	5.17E-05	1.06E-05
4295	623709.85	4265668.93	0.00033717	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
4296	623709.71	4265678.82	0.00033887	1.17E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
4297	623709.57	4265688.71	0.00034047	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
4298	623709.43	4265698.61	0.00034202	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4299	623709.28	4265708.5	0.00034343	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
4300	623709.14	4265718.39	0.00034481	1.19E-04	2.88E-04	8.88E-05	6.83E-05	2.27E-05	5.32E-05	1.09E-05
4301	623709	4265728.28	0.00034613	1.19E-04	2.89E-04	8.91E-05	6.85E-05	2.28E-05	5.34E-05	1.10E-05
4302	623708.85	4265738.18	0.00034742	1.19E-04	2.90E-04	8.94E-05	6.88E-05	2.29E-05	5.36E-05	1.10E-05
4303	623708.71	4265748.07	0.00034871	1.20E-04	2.91E-04	8.98E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
4304	623708.57	4265757.96	0.00035003	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05	1.11E-05
4305	623708.42	4265767.85	0.00035141	1.21E-04	2.94E-04	9.05E-05	6.96E-05	2.32E-05	5.42E-05	1.12E-05
4306	623708.28	4265777.75	0.00035293	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
4307	623708.14	4265787.64	0.00035457	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05	1.13E-05
4308	623707.99	4265797.53	0.00035637	1.23E-04	2.98E-04	9.18E-05	7.05E-05	2.35E-05	5.50E-05	1.13E-05
4309	623707.85	4265807.42	0.00035841	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
4310	623707.71	4265817.32	0.00036076	1.24E-04	3.02E-04	9.29E-05	7.14E-05	2.38E-05	5.57E-05	1.14E-05
4311	623707.56	4265827.21	0.00036338	1.25E-04	3.04E-04	9.36E-05	7.19E-05	2.39E-05	5.61E-05	1.15E-05
4312	623707.42	4265837.1	0.00036619	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
4313	623707.28	4265846.99	0.00036917	1.27E-04	3.09E-04	9.50E-05	7.31E-05	2.43E-05	5.70E-05	1.17E-05
4314	623707.14	4265856.89	0.00037242	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
4315	623706.99	4265866.78	0.00037589	1.29E-04	3.14E-04	9.68E-05	7.44E-05	2.48E-05	5.80E-05	1.19E-05
4316	623706.85	4265876.67	0.00037959	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
4317	623706.71	4265886.56	0.00038347	1.32E-04	3.21E-04	9.87E-05	7.59E-05	2.53E-05	5.92E-05	1.22E-05
4318	623706.56	4265896.46	0.00038748	1.33E-04	3.24E-04	9.98E-05	7.67E-05	2.55E-05	5.98E-05	1.23E-05
4319	623706.42	4265906.35	0.00039162	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
4320	623706.28	4265916.24	0.00039584	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05	1.26E-05
4321	623706.13	4265926.13	0.00040006	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.64E-05	6.17E-05	1.27E-05
4322	623705.99	4265936.03	0.00040425	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
4323	623705.85	4265945.92	0.00040838	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05	1.30E-05
4324	623705.7	4265955.81	0.00041237	1.42E-04	3.45E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05	1.31E-05
4325	623705.56	4265965.7	0.00041621	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
4326	623663.86	4265649.37	0.00030841	1.06E-04	2.58E-04	7.94E-05	6.10E-05	2.03E-05	4.76E-05	9.79E-06
4327	623667.71	4265640.43	0.00030879	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.03E-05	4.76E-05	9.80E-06
4328	623671.57	4265631.49	0.0003091	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05	9.81E-06
4329	623675.42	4265622.55	0.00030939	1.06E-04	2.59E-04	7.97E-05	6.12E-05	2.04E-05	4.77E-05	9.82E-06
4330	623679.28	4265613.6	0.00030965	1.06E-04	2.59E-04	7.97E-05	6.13E-05	2.04E-05	4.78E-05	9.83E-06
4331	623683.13	4265604.66	0.00030991	1.07E-04	2.59E-04	7.98E-05	6.13E-05	2.04E-05	4.78E-05	9.84E-06
4332	623686.99	4265595.72	0.00031014	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.04E-05	4.79E-05	9.84E-06
4333	623690.84	4265586.78	0.0003104	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.05E-05	4.79E-05	9.85E-06
4334	623694.7	4265577.84	0.00031065	1.07E-04	2.60E-04	8.00E-05	6.15E-05	2.05E-05	4.79E-05	9.86E-06
4335	623698.55	4265568.89	0.00031091	1.07E-04	2.60E-04	8.00E-05	6.15E-05	2.05E-05	4.80E-05	9.87E-06
4336	623702.41	4265559.95	0.00031123	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05	9.88E-06
4337	623706.26	4265551.01	0.00031154	1.07E-04	2.60E-04	8.02E-05	6.17E-05	2.05E-05	4.81E-05	9.89E-06
4338	623710.12	4265542.07	0.00031192	1.07E-04	2.61E-04	8.03E-05	6.17E-05	2.06E-05	4.81E-05	9.90E-06
4339	623713.97	4265533.13	0.00031232	1.07E-04	2.61E-04	8.04E-05	6.18E-05	2.06E-05	4.82E-05	9.91E-06
4340	623717.83	4265524.18	0.00031275	1.08E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.83E-05	9.93E-06
4341	623721.68	4265515.24	0.00031318	1.08E-04	2.62E-04	8.06E-05	6.20E-05	2.06E-05	4.83E-05	9.94E-06

4342	623725.53	4265506.3	0.00031372	1.08E-04	2.62E-04	8.08E-05	6.21E-05	2.07E-05	4.84E-05	9.96E-06
4343	623729.39	4265497.36	0.00031433	1.08E-04	2.63E-04	8.09E-05	6.22E-05	2.07E-05	4.85E-05	9.98E-06
4344	623733.24	4265488.42	0.00031496	1.08E-04	2.63E-04	8.11E-05	6.23E-05	2.08E-05	4.86E-05	1.00E-05
4345	623737.1	4265479.47	0.00031559	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
4346	623740.95	4265470.53	0.00031625	1.09E-04	2.64E-04	8.14E-05	6.26E-05	2.08E-05	4.88E-05	1.00E-05
4347	623744.81	4265461.59	0.00031688	1.09E-04	2.65E-04	8.16E-05	6.27E-05	2.09E-05	4.89E-05	1.01E-05
4348	623748.66	4265452.65	0.00031751	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05	1.01E-05
4349	623752.52	4265443.71	0.00031812	1.09E-04	2.66E-04	8.19E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
4350	623756.37	4265434.76	0.0003186	1.10E-04	2.66E-04	8.20E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
4351	623760.23	4265425.82	0.00031901	1.10E-04	2.67E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
4352	623764.08	4265416.88	0.00031935	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05	1.01E-05
4353	623767.94	4265407.94	0.00031952	1.10E-04	2.67E-04	8.23E-05	6.32E-05	2.11E-05	4.93E-05	1.01E-05
4354	623771.79	4265399	0.00031961	1.10E-04	2.67E-04	8.23E-05	6.33E-05	2.11E-05	4.93E-05	1.01E-05
4355	623775.65	4265390.05	0.00031967	1.10E-04	2.67E-04	8.23E-05	6.33E-05	2.11E-05	4.93E-05	1.01E-05
4356	623779.5	4265381.11	0.00031967	1.10E-04	2.67E-04	8.23E-05	6.33E-05	2.11E-05	4.93E-05	1.01E-05
4357	623783.36	4265372.17	0.00031952	1.10E-04	2.67E-04	8.23E-05	6.32E-05	2.11E-05	4.93E-05	1.01E-05
4358	623787.21	4265363.23	0.00031921	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05	1.01E-05
4359	623791.07	4265354.29	0.00031875	1.10E-04	2.66E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
4360	623794.92	4265345.34	0.00031814	1.09E-04	2.66E-04	8.19E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
4361	623798.78	4265336.4	0.0003174	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05	1.01E-05
4362	623802.63	4265327.46	0.00031657	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.88E-05	1.00E-05
4363	623806.49	4265318.52	0.00031562	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
4364	623810.34	4265309.58	0.00031456	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.85E-05	9.98E-06
4365	623814.19	4265300.63	0.00031344	1.08E-04	2.62E-04	8.07E-05	6.20E-05	2.07E-05	4.84E-05	9.95E-06
4366	623818.05	4265291.69	0.00031226	1.07E-04	2.61E-04	8.04E-05	6.18E-05	2.06E-05	4.82E-05	9.91E-06
4367	623821.9	4265282.75	0.00031103	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05	9.87E-06
4368	623825.76	4265273.81	0.00030979	1.07E-04	2.59E-04	7.98E-05	6.13E-05	2.04E-05	4.78E-05	9.83E-06
4369	623829.61	4265264.87	0.00030853	1.06E-04	2.58E-04	7.94E-05	6.11E-05	2.03E-05	4.76E-05	9.79E-06
4370	623833.47	4265255.92	0.00030727	1.06E-04	2.57E-04	7.91E-05	6.08E-05	2.02E-05	4.74E-05	9.75E-06
4371	623837.32	4265246.98	0.00030606	1.05E-04	2.56E-04	7.88E-05	6.06E-05	2.02E-05	4.72E-05	9.71E-06
4372	623841.18	4265238.04	0.00030488	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05	9.68E-06
4373	623845.03	4265229.1	0.00030374	1.04E-04	2.54E-04	7.82E-05	6.01E-05	2.00E-05	4.69E-05	9.64E-06
4374	623848.89	4265220.16	0.00030267	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.61E-06
4375	623852.74	4265211.21	0.00030167	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.65E-05	9.57E-06
4376	623856.6	4265202.27	0.00030075	1.03E-04	2.51E-04	7.74E-05	5.95E-05	1.98E-05	4.64E-05	9.54E-06
4377	623860.45	4265193.33	0.00029992	1.03E-04	2.51E-04	7.72E-05	5.94E-05	1.98E-05	4.63E-05	9.52E-06
4378	623864.31	4265184.39	0.00029914	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.62E-05	9.49E-06
4379	623868.16	4265175.45	0.00029848	1.03E-04	2.49E-04	7.68E-05	5.91E-05	1.97E-05	4.61E-05	9.47E-06
4380	623881.06	4265162.9	0.00030095	1.03E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.64E-05	9.55E-06
4381	623890.11	4265159.3	0.00030414	1.05E-04	2.54E-04	7.83E-05	6.02E-05	2.00E-05	4.69E-05	9.65E-06
4382	623899.16	4265155.7	0.00030744	1.06E-04	2.57E-04	7.92E-05	6.09E-05	2.03E-05	4.74E-05	9.76E-06
4383	623908.21	4265152.1	0.00031091	1.07E-04	2.60E-04	8.00E-05	6.15E-05	2.05E-05	4.80E-05	9.87E-06
4384	623917.25	4265148.5	0.00031459	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.85E-05	9.98E-06
4385	623926.3	4265144.9	0.00031835	1.09E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
4386	623935.35	4265141.3	0.00032213	1.11E-04	2.69E-04	8.29E-05	6.38E-05	2.12E-05	4.97E-05	1.02E-05
4387	623944.4	4265137.7	0.00032586	1.12E-04	2.72E-04	8.39E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
4388	623953.45	4265134.1	0.00032962	1.13E-04	2.76E-04	8.49E-05	6.52E-05	2.17E-05	5.09E-05	1.05E-05
4389	623962.49	4265130.5	0.00033344	1.15E-04	2.79E-04	8.58E-05	6.60E-05	2.20E-05	5.15E-05	1.06E-05
4390	623971.54	4265126.9	0.00033732	1.16E-04	2.82E-04	8.68E-05	6.68E-05	2.22E-05	5.21E-05	1.07E-05
4391	623980.59	4265123.3	0.00034116	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
4392	623989.64	4265119.7	0.00034504	1.19E-04	2.88E-04	8.88E-05	6.83E-05	2.27E-05	5.32E-05	1.10E-05
4393	623998.68	4265116.1	0.00034888	1.20E-04	2.92E-04	8.98E-05	6.91E-05	2.30E-05	5.38E-05	1.11E-05
4394	624007.73	4265112.5	0.0003527	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05	1.12E-05
4395	624016.78	4265108.9	0.00035643	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05	1.13E-05
4396	624025.83	4265105.3	0.0003601	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.56E-05	1.14E-05

4397	624034.87	4265101.7	0.00036366	1.25E-04	3.04E-04	9.36E-05	7.20E-05	2.40E-05	5.61E-05	1.15E-05
4398	624043.92	4265098.1	0.00036708	1.26E-04	3.07E-04	9.45E-05	7.27E-05	2.42E-05	5.66E-05	1.16E-05
4399	624052.97	4265094.5	0.00037038	1.27E-04	3.10E-04	9.54E-05	7.33E-05	2.44E-05	5.72E-05	1.18E-05
4400	624062.02	4265090.9	0.00037348	1.28E-04	3.12E-04	9.62E-05	7.39E-05	2.46E-05	5.76E-05	1.19E-05
4401	624071.06	4265087.3	0.00037638	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
4402	624080.11	4265083.7	0.00037908	1.30E-04	3.17E-04	9.76E-05	7.50E-05	2.50E-05	5.85E-05	1.20E-05
4403	624089.16	4265080.1	0.00038154	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.89E-05	1.21E-05
4404	624098.21	4265076.51	0.00038372	1.32E-04	3.21E-04	9.88E-05	7.60E-05	2.53E-05	5.92E-05	1.22E-05
4405	624107.25	4265072.91	0.00038565	1.33E-04	3.22E-04	9.93E-05	7.63E-05	2.54E-05	5.95E-05	1.22E-05
4406	624116.3	4265069.31	0.00038734	1.33E-04	3.24E-04	9.97E-05	7.67E-05	2.55E-05	5.98E-05	1.23E-05
4407	624125.35	4265065.71	0.00038875	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	6.00E-05	1.23E-05
4408	624134.4	4265062.11	0.00038978	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.01E-05	1.24E-05
4409	624143.45	4265058.51	0.00039053	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
4410	624152.49	4265054.91	0.0003911	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.03E-05	1.24E-05
4411	624161.54	4265051.31	0.00039156	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
4412	624170.59	4265047.71	0.00039179	1.35E-04	3.27E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05	1.24E-05
4413	624179.64	4265044.11	0.0003917	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
4414	624188.68	4265040.51	0.00039145	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
4415	624197.73	4265036.91	0.0003911	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.03E-05	1.24E-05
4416	624206.78	4265033.31	0.00039076	1.34E-04	3.27E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
4417	624215.83	4265029.71	0.00039047	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
4418	624224.87	4265026.11	0.00039024	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
4419	624233.92	4265022.51	0.00039012	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
4420	624242.97	4265018.91	0.00039015	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
4421	624252.02	4265015.31	0.00039035	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.02E-05	1.24E-05
4422	624261.06	4265011.71	0.00039073	1.34E-04	3.27E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
4423	624270.11	4265008.11	0.0003913	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
4424	624279.16	4265004.51	0.00039202	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05	1.24E-05
4425	624288.21	4265000.91	0.00039288	1.35E-04	3.28E-04	1.01E-04	7.78E-05	2.59E-05	6.06E-05	1.25E-05
4426	624297.25	4264997.31	0.00039388	1.35E-04	3.29E-04	1.01E-04	7.80E-05	2.60E-05	6.08E-05	1.25E-05
4427	624306.3	4264993.71	0.000395	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.10E-05	1.25E-05
4428	624315.35	4264990.11	0.00039624	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05	1.26E-05
4429	624324.4	4264986.51	0.00039756	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.13E-05	1.26E-05
4430	624333.45	4264982.91	0.00039914	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05	1.27E-05
4431	624342.49	4264979.31	0.00040074	1.38E-04	3.35E-04	1.03E-04	7.93E-05	2.64E-05	6.18E-05	1.27E-05
4432	624351.54	4264975.71	0.00040235	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
4433	624360.59	4264972.11	0.00040384	1.39E-04	3.38E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
4434	623660	4265658.31	0.00030793	1.06E-04	2.57E-04	7.93E-05	6.10E-05	2.03E-05	4.75E-05	9.77E-06
4435	623659.86	4265668.21	0.00030951	1.06E-04	2.59E-04	7.97E-05	6.13E-05	2.04E-05	4.78E-05	9.82E-06
4436	623659.72	4265678.1	0.00031106	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05	9.87E-06
4437	623659.57	4265687.99	0.00031252	1.07E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.82E-05	9.92E-06
4438	623659.43	4265697.88	0.00031393	1.08E-04	2.62E-04	8.08E-05	6.21E-05	2.07E-05	4.84E-05	9.96E-06
4439	623659.29	4265707.78	0.00031527	1.08E-04	2.64E-04	8.12E-05	6.24E-05	2.08E-05	4.86E-05	1.00E-05
4440	623659.14	4265717.67	0.00031657	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.88E-05	1.00E-05
4441	623659	4265727.56	0.00031786	1.09E-04	2.66E-04	8.18E-05	6.29E-05	2.09E-05	4.90E-05	1.01E-05
4442	623658.86	4265737.45	0.00031909	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.92E-05	1.01E-05
4443	623658.72	4265747.35	0.00032035	1.10E-04	2.68E-04	8.25E-05	6.34E-05	2.11E-05	4.94E-05	1.02E-05
4444	623658.57	4265757.24	0.00032162	1.11E-04	2.69E-04	8.28E-05	6.37E-05	2.12E-05	4.96E-05	1.02E-05
4445	623658.43	4265767.13	0.00032297	1.11E-04	2.70E-04	8.32E-05	6.39E-05	2.13E-05	4.98E-05	1.02E-05
4446	623658.29	4265777.02	0.00032434	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.00E-05	1.03E-05
4447	623658.14	4265786.92	0.00032584	1.12E-04	2.72E-04	8.39E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
4448	623658	4265796.81	0.00032744	1.13E-04	2.74E-04	8.43E-05	6.48E-05	2.16E-05	5.05E-05	1.04E-05
4449	623657.86	4265806.7	0.00032919	1.13E-04	2.75E-04	8.48E-05	6.52E-05	2.17E-05	5.08E-05	1.04E-05
4450	623657.71	4265816.59	0.00033112	1.14E-04	2.77E-04	8.52E-05	6.55E-05	2.18E-05	5.11E-05	1.05E-05
4451	623657.57	4265826.49	0.00033318	1.15E-04	2.78E-04	8.58E-05	6.59E-05	2.20E-05	5.14E-05	1.06E-05

4452	623657.43	4265836.38	0.00033548	1.15E-04	2.80E-04	8.64E-05	6.64E-05	2.21E-05	5.18E-05	1.06E-05
4453	623657.28	4265846.27	0.00033792	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05	1.07E-05
4454	623657.14	4265856.16	0.00034059	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
4455	623657	4265866.06	0.00034343	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
4456	623656.85	4265875.95	0.00034647	1.19E-04	2.90E-04	8.92E-05	6.86E-05	2.28E-05	5.35E-05	1.10E-05
4457	623656.71	4265885.84	0.00034966	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.40E-05	1.11E-05
4458	623656.57	4265895.73	0.00035299	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
4459	623656.43	4265905.63	0.00035646	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05	1.13E-05
4460	623656.28	4265915.52	0.00035999	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.55E-05	1.14E-05
4461	623656.14	4265925.41	0.00036358	1.25E-04	3.04E-04	9.36E-05	7.20E-05	2.40E-05	5.61E-05	1.15E-05
4462	623656	4265935.3	0.00036716	1.26E-04	3.07E-04	9.45E-05	7.27E-05	2.42E-05	5.67E-05	1.17E-05
4463	623655.85	4265945.2	0.00037075	1.27E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.72E-05	1.18E-05
4464	623655.71	4265955.09	0.00037428	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
4465	623655.57	4265964.98	0.0003777	1.30E-04	3.16E-04	9.72E-05	7.48E-05	2.49E-05	5.83E-05	1.20E-05
4466	623655.42	4265974.87	0.000381	1.31E-04	3.18E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
4467	623638.18	4265475.55	0.00027079	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
4468	623642.08	4265466.49	0.00027148	9.34E-05	2.27E-04	6.99E-05	5.37E-05	1.79E-05	4.19E-05	8.62E-06
4469	623645.99	4265457.42	0.00027219	9.36E-05	2.28E-04	7.01E-05	5.39E-05	1.79E-05	4.20E-05	8.64E-06
4470	623649.9	4265448.36	0.00027291	9.38E-05	2.28E-04	7.03E-05	5.40E-05	1.80E-05	4.21E-05	8.66E-06
4471	623653.81	4265439.29	0.0002736	9.41E-05	2.29E-04	7.04E-05	5.42E-05	1.80E-05	4.22E-05	8.68E-06
4472	623657.72	4265430.23	0.00027426	9.43E-05	2.29E-04	7.06E-05	5.43E-05	1.81E-05	4.23E-05	8.70E-06
4473	623661.62	4265421.16	0.00027492	9.45E-05	2.30E-04	7.08E-05	5.44E-05	1.81E-05	4.24E-05	8.72E-06
4474	623665.53	4265412.09	0.00027555	9.48E-05	2.30E-04	7.09E-05	5.45E-05	1.82E-05	4.25E-05	8.74E-06
4475	623669.44	4265403.03	0.00027621	9.50E-05	2.31E-04	7.11E-05	5.47E-05	1.82E-05	4.26E-05	8.77E-06
4476	623673.35	4265393.96	0.00027682	9.52E-05	2.31E-04	7.13E-05	5.48E-05	1.82E-05	4.27E-05	8.79E-06
4477	623677.26	4265384.9	0.00027733	9.54E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05	8.80E-06
4478	623681.16	4265375.83	0.00027776	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.29E-05	8.82E-06
4479	623685.07	4265366.77	0.00027811	9.56E-05	2.32E-04	7.16E-05	5.50E-05	1.83E-05	4.29E-05	8.83E-06
4480	623688.98	4265357.7	0.00027834	9.57E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.29E-05	8.83E-06
4481	623692.89	4265348.64	0.00027845	9.58E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.30E-05	8.84E-06
4482	623696.8	4265339.57	0.00027839	9.57E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.30E-05	8.84E-06
4483	623700.7	4265330.5	0.00027816	9.57E-05	2.32E-04	7.16E-05	5.51E-05	1.83E-05	4.29E-05	8.83E-06
4484	623704.61	4265321.44	0.00027782	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.29E-05	8.82E-06
4485	623708.52	4265312.37	0.00027736	9.54E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05	8.80E-06
4486	623712.43	4265303.31	0.00027676	9.52E-05	2.31E-04	7.13E-05	5.48E-05	1.82E-05	4.27E-05	8.78E-06
4487	623716.34	4265294.24	0.00027604	9.49E-05	2.31E-04	7.11E-05	5.46E-05	1.82E-05	4.26E-05	8.76E-06
4488	623720.25	4265285.18	0.00027521	9.46E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05	8.73E-06
4489	623724.15	4265276.11	0.00027426	9.43E-05	2.29E-04	7.06E-05	5.43E-05	1.81E-05	4.23E-05	8.70E-06
4490	623728.06	4265267.04	0.00027323	9.40E-05	2.28E-04	7.03E-05	5.41E-05	1.80E-05	4.22E-05	8.67E-06
4491	623731.97	4265257.98	0.00027211	9.36E-05	2.27E-04	7.01E-05	5.39E-05	1.79E-05	4.20E-05	8.64E-06
4492	623735.88	4265248.91	0.00027093	9.32E-05	2.26E-04	6.98E-05	5.36E-05	1.79E-05	4.18E-05	8.60E-06
4493	623739.79	4265239.85	0.00026973	9.28E-05	2.25E-04	6.94E-05	5.34E-05	1.78E-05	4.16E-05	8.56E-06
4494	623743.69	4265230.78	0.00026849	9.23E-05	2.24E-04	6.91E-05	5.31E-05	1.77E-05	4.14E-05	8.52E-06
4495	623747.6	4265221.72	0.00026723	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.12E-05	8.48E-06
4496	623751.51	4265212.65	0.000266	9.15E-05	2.22E-04	6.85E-05	5.27E-05	1.75E-05	4.10E-05	8.44E-06
4497	623755.42	4265203.59	0.00026479	9.11E-05	2.21E-04	6.82E-05	5.24E-05	1.74E-05	4.09E-05	8.40E-06
4498	623759.33	4265194.52	0.00026367	9.07E-05	2.20E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05	8.37E-06
4499	623763.23	4265185.45	0.00026261	9.03E-05	2.20E-04	6.76E-05	5.20E-05	1.73E-05	4.05E-05	8.33E-06
4500	623767.14	4265176.39	0.00026158	8.99E-05	2.19E-04	6.73E-05	5.18E-05	1.72E-05	4.04E-05	8.30E-06
4501	623771.05	4265167.32	0.0002606	8.96E-05	2.18E-04	6.71E-05	5.16E-05	1.72E-05	4.02E-05	8.27E-06
4502	623774.96	4265158.26	0.00025971	8.93E-05	2.17E-04	6.69E-05	5.14E-05	1.71E-05	4.01E-05	8.24E-06
4503	623778.87	4265149.19	0.00025891	8.90E-05	2.16E-04	6.67E-05	5.12E-05	1.71E-05	4.00E-05	8.22E-06
4504	623782.77	4265140.13	0.00025816	8.88E-05	2.16E-04	6.65E-05	5.11E-05	1.70E-05	3.98E-05	8.19E-06
4505	623786.68	4265131.06	0.00025747	8.85E-05	2.15E-04	6.63E-05	5.10E-05	1.70E-05	3.97E-05	8.17E-06
4506	623790.59	4265121.99	0.00025684	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05	8.15E-06

4507	623794.5	4265112.93	0.00025629	8.81E-05	2.14E-04	6.60E-05	5.07E-05	1.69E-05	3.95E-05	8.13E-06
4508	623798.41	4265103.86	0.00025584	8.80E-05	2.14E-04	6.59E-05	5.06E-05	1.69E-05	3.95E-05	8.12E-06
4509	623811.49	4265091.15	0.00025799	8.87E-05	2.16E-04	6.64E-05	5.11E-05	1.70E-05	3.98E-05	8.19E-06
4510	623820.66	4265087.5	0.0002606	8.96E-05	2.18E-04	6.71E-05	5.16E-05	1.72E-05	4.02E-05	8.27E-06
4511	623829.83	4265083.85	0.00026333	9.06E-05	2.20E-04	6.78E-05	5.21E-05	1.73E-05	4.06E-05	8.36E-06
4512	623839.01	4265080.2	0.00026614	9.15E-05	2.22E-04	6.85E-05	5.27E-05	1.75E-05	4.11E-05	8.45E-06
4513	623848.18	4265076.55	0.00026901	9.25E-05	2.25E-04	6.93E-05	5.32E-05	1.77E-05	4.15E-05	8.54E-06
4514	623857.35	4265072.9	0.00027197	9.35E-05	2.27E-04	7.00E-05	5.38E-05	1.79E-05	4.20E-05	8.63E-06
4515	623866.52	4265069.25	0.00027498	9.46E-05	2.30E-04	7.08E-05	5.44E-05	1.81E-05	4.24E-05	8.73E-06
4516	623875.7	4265065.6	0.00027805	9.56E-05	2.32E-04	7.16E-05	5.50E-05	1.83E-05	4.29E-05	8.82E-06
4517	623884.87	4265061.95	0.00028118	9.67E-05	2.35E-04	7.24E-05	5.57E-05	1.85E-05	4.34E-05	8.92E-06
4518	623894.04	4265058.3	0.00028436	9.78E-05	2.38E-04	7.32E-05	5.63E-05	1.87E-05	4.39E-05	9.02E-06
4519	623903.21	4265054.65	0.00028758	9.89E-05	2.40E-04	7.40E-05	5.69E-05	1.89E-05	4.44E-05	9.13E-06
4520	623912.39	4265051	0.00029082	1.00E-04	2.43E-04	7.49E-05	5.76E-05	1.92E-05	4.49E-05	9.23E-06
4521	623921.56	4265047.35	0.00029406	1.01E-04	2.46E-04	7.57E-05	5.82E-05	1.94E-05	4.54E-05	9.33E-06
4522	623930.73	4265043.7	0.00029734	1.02E-04	2.49E-04	7.66E-05	5.89E-05	1.96E-05	4.59E-05	9.44E-06
4523	623939.91	4265040.05	0.00030069	1.03E-04	2.51E-04	7.74E-05	5.95E-05	1.98E-05	4.64E-05	9.54E-06
4524	623949.08	4265036.4	0.00030411	1.05E-04	2.54E-04	7.83E-05	6.02E-05	2.00E-05	4.69E-05	9.65E-06
4525	623958.25	4265032.75	0.0003075	1.06E-04	2.57E-04	7.92E-05	6.09E-05	2.03E-05	4.74E-05	9.76E-06
4526	623967.42	4265029.1	0.00031077	1.07E-04	2.60E-04	8.00E-05	6.15E-05	2.05E-05	4.80E-05	9.86E-06
4527	623976.6	4265025.45	0.0003139	1.08E-04	2.62E-04	8.08E-05	6.21E-05	2.07E-05	4.84E-05	9.96E-06
4528	623985.77	4265021.8	0.00031694	1.09E-04	2.65E-04	8.16E-05	6.27E-05	2.09E-05	4.89E-05	1.01E-05
4529	623994.94	4265018.15	0.00031989	1.10E-04	2.67E-04	8.24E-05	6.33E-05	2.11E-05	4.94E-05	1.02E-05
4530	624004.11	4265014.5	0.00032274	1.11E-04	2.70E-04	8.31E-05	6.39E-05	2.13E-05	4.98E-05	1.02E-05
4531	624013.29	4265010.85	0.00032546	1.12E-04	2.72E-04	8.38E-05	6.44E-05	2.14E-05	5.02E-05	1.03E-05
4532	624022.46	4265007.21	0.00032802	1.13E-04	2.74E-04	8.45E-05	6.49E-05	2.16E-05	5.06E-05	1.04E-05
4533	624031.63	4265003.56	0.00033043	1.14E-04	2.76E-04	8.51E-05	6.54E-05	2.18E-05	5.10E-05	1.05E-05
4534	624040.8	4264999.91	0.00033267	1.14E-04	2.78E-04	8.56E-05	6.58E-05	2.19E-05	5.13E-05	1.06E-05
4535	624049.98	4264996.26	0.0003347	1.15E-04	2.80E-04	8.62E-05	6.63E-05	2.21E-05	5.16E-05	1.06E-05
4536	624059.15	4264992.61	0.00033651	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
4537	624068.32	4264988.96	0.00033809	1.16E-04	2.83E-04	8.70E-05	6.69E-05	2.23E-05	5.22E-05	1.07E-05
4538	624077.5	4264985.31	0.00033941	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
4539	624086.67	4264981.66	0.00034047	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
4540	624095.84	4264978.01	0.00034128	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
4541	624105.01	4264974.36	0.00034179	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.27E-05	1.08E-05
4542	624114.19	4264970.71	0.00034208	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4543	624123.36	4264967.06	0.00034225	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4544	624132.53	4264963.41	0.00034225	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4545	624141.7	4264959.76	0.00034205	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4546	624150.88	4264956.11	0.00034154	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
4547	624160.05	4264952.46	0.00034085	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
4548	624169.22	4264948.81	0.0003401	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
4549	624178.4	4264945.16	0.00033933	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
4550	624187.57	4264941.51	0.00033855	1.16E-04	2.83E-04	8.72E-05	6.70E-05	2.23E-05	5.22E-05	1.07E-05
4551	624196.74	4264937.86	0.00033786	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05	1.07E-05
4552	624205.91	4264934.21	0.00033723	1.16E-04	2.82E-04	8.68E-05	6.68E-05	2.22E-05	5.20E-05	1.07E-05
4553	624215.09	4264930.56	0.00033671	1.16E-04	2.81E-04	8.67E-05	6.66E-05	2.22E-05	5.20E-05	1.07E-05
4554	624224.26	4264926.91	0.00033634	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
4555	624233.43	4264923.26	0.00033611	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.19E-05	1.07E-05
4556	624242.6	4264919.61	0.00033608	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.19E-05	1.07E-05
4557	624251.78	4264915.96	0.00033617	1.16E-04	2.81E-04	8.66E-05	6.65E-05	2.21E-05	5.19E-05	1.07E-05
4558	624260.95	4264912.31	0.00033646	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
4559	624270.12	4264908.66	0.00033686	1.16E-04	2.82E-04	8.67E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
4560	624279.3	4264905.01	0.00033743	1.16E-04	2.82E-04	8.69E-05	6.68E-05	2.22E-05	5.21E-05	1.07E-05
4561	624288.47	4264901.36	0.00033815	1.16E-04	2.83E-04	8.71E-05	6.69E-05	2.23E-05	5.22E-05	1.07E-05

4562	624297.64	4264897.71	0.00033895	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
4563	624306.81	4264894.06	0.00033987	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05	1.08E-05
4564	624315.99	4264890.42	0.00034087	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
4565	624325.16	4264886.77	0.00034197	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4566	624334.33	4264883.12	0.00034326	1.18E-04	2.87E-04	8.84E-05	6.79E-05	2.26E-05	5.30E-05	1.09E-05
4567	624343.5	4264879.47	0.00034461	1.19E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05	1.09E-05
4568	624352.68	4264875.82	0.00034595	1.19E-04	2.89E-04	8.91E-05	6.85E-05	2.28E-05	5.34E-05	1.10E-05
4569	624361.85	4264872.17	0.00034713	1.19E-04	2.90E-04	8.94E-05	6.87E-05	2.29E-05	5.36E-05	1.10E-05
4570	623666.41	4265176.66	0.00023483	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.62E-05	7.45E-06
4571	623670.31	4265167.62	0.00023368	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06
4572	623674.2	4265158.59	0.00023253	8.00E-05	1.94E-04	5.99E-05	4.60E-05	1.53E-05	3.59E-05	7.38E-06
4573	623678.1	4265149.56	0.00023141	7.96E-05	1.93E-04	5.96E-05	4.58E-05	1.52E-05	3.57E-05	7.34E-06
4574	623681.99	4265140.52	0.00023035	7.92E-05	1.93E-04	5.93E-05	4.56E-05	1.52E-05	3.55E-05	7.31E-06
4575	623685.88	4265131.49	0.00022932	7.89E-05	1.92E-04	5.90E-05	4.54E-05	1.51E-05	3.54E-05	7.28E-06
4576	623689.78	4265122.46	0.00022831	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.25E-06
4577	623693.67	4265113.43	0.00022739	7.82E-05	1.90E-04	5.85E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
4578	623697.57	4265104.39	0.00022648	7.79E-05	1.89E-04	5.83E-05	4.48E-05	1.49E-05	3.49E-05	7.19E-06
4579	623701.46	4265095.36	0.00022564	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05	7.16E-06
4580	623705.35	4265086.33	0.00022487	7.73E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05	7.14E-06
4581	623709.25	4265077.29	0.00022418	7.71E-05	1.87E-04	5.77E-05	4.44E-05	1.48E-05	3.46E-05	7.11E-06
4582	623713.14	4265068.26	0.00022358	7.69E-05	1.87E-04	5.76E-05	4.43E-05	1.47E-05	3.45E-05	7.10E-06
4583	623717.04	4265059.23	0.00022306	7.67E-05	1.86E-04	5.74E-05	4.42E-05	1.47E-05	3.44E-05	7.08E-06
4584	623720.93	4265050.19	0.00022263	7.66E-05	1.86E-04	5.73E-05	4.41E-05	1.47E-05	3.44E-05	7.07E-06
4585	623724.82	4265041.16	0.00022226	7.64E-05	1.86E-04	5.72E-05	4.40E-05	1.46E-05	3.43E-05	7.05E-06
4586	623728.72	4265032.13	0.00022197	7.63E-05	1.86E-04	5.71E-05	4.39E-05	1.46E-05	3.43E-05	7.04E-06
4587	623741.75	4265019.46	0.00022383	7.70E-05	1.87E-04	5.76E-05	4.43E-05	1.47E-05	3.45E-05	7.10E-06
4588	623750.89	4265015.82	0.00022602	7.77E-05	1.89E-04	5.82E-05	4.47E-05	1.49E-05	3.49E-05	7.17E-06
4589	623760.03	4265012.18	0.00022834	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.25E-06
4590	623769.17	4265008.55	0.00023078	7.94E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05	7.32E-06
4591	623778.31	4265004.91	0.00023331	8.02E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05	7.40E-06
4592	623787.45	4265001.27	0.00023583	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05	7.48E-06
4593	623796.59	4264997.64	0.00023833	8.20E-05	1.99E-04	6.14E-05	4.72E-05	1.57E-05	3.68E-05	7.56E-06
4594	623805.73	4264994	0.00024088	8.28E-05	2.01E-04	6.20E-05	4.77E-05	1.59E-05	3.72E-05	7.64E-06
4595	623814.87	4264990.36	0.00024349	8.37E-05	2.04E-04	6.27E-05	4.82E-05	1.60E-05	3.76E-05	7.73E-06
4596	623824.01	4264986.73	0.00024613	8.46E-05	2.06E-04	6.34E-05	4.87E-05	1.62E-05	3.80E-05	7.81E-06
4597	623833.15	4264983.09	0.0002488	8.56E-05	2.08E-04	6.41E-05	4.92E-05	1.64E-05	3.84E-05	7.90E-06
4598	623842.29	4264979.45	0.0002515	8.65E-05	2.10E-04	6.48E-05	4.98E-05	1.66E-05	3.88E-05	7.98E-06
4599	623851.43	4264975.82	0.0002542	8.74E-05	2.12E-04	6.54E-05	5.03E-05	1.67E-05	3.92E-05	8.07E-06
4600	623860.57	4264972.18	0.00025693	8.83E-05	2.15E-04	6.61E-05	5.09E-05	1.69E-05	3.96E-05	8.15E-06
4601	623869.71	4264968.54	0.00025965	8.93E-05	2.17E-04	6.69E-05	5.14E-05	1.71E-05	4.01E-05	8.24E-06
4602	623878.85	4264964.91	0.00026241	9.02E-05	2.19E-04	6.76E-05	5.19E-05	1.73E-05	4.05E-05	8.33E-06
4603	623887.99	4264961.27	0.00026513	9.12E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.09E-05	8.41E-06
4604	623897.13	4264957.63	0.00026783	9.21E-05	2.24E-04	6.90E-05	5.30E-05	1.76E-05	4.13E-05	8.50E-06
4605	623906.27	4264954	0.00027053	9.30E-05	2.26E-04	6.97E-05	5.35E-05	1.78E-05	4.17E-05	8.59E-06
4606	623915.41	4264950.36	0.00027317	9.39E-05	2.28E-04	7.03E-05	5.41E-05	1.80E-05	4.22E-05	8.67E-06
4607	623924.55	4264946.72	0.00027578	9.48E-05	2.31E-04	7.10E-05	5.46E-05	1.82E-05	4.26E-05	8.75E-06
4608	623933.69	4264943.09	0.00027837	9.57E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.30E-05	8.83E-06
4609	623942.83	4264939.45	0.00028101	9.66E-05	2.35E-04	7.23E-05	5.56E-05	1.85E-05	4.34E-05	8.92E-06
4610	623951.97	4264935.81	0.00028359	9.75E-05	2.37E-04	7.30E-05	5.61E-05	1.87E-05	4.38E-05	9.00E-06
4611	623961.11	4264932.18	0.00028611	9.84E-05	2.39E-04	7.37E-05	5.66E-05	1.89E-05	4.41E-05	9.08E-06
4612	623970.25	4264928.54	0.00028841	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05	9.15E-06
4613	623979.39	4264924.9	0.00029056	9.99E-05	2.43E-04	7.48E-05	5.75E-05	1.91E-05	4.48E-05	9.22E-06
4614	623988.53	4264921.27	0.0002926	1.01E-04	2.45E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.29E-06
4615	623997.67	4264917.63	0.00029447	1.01E-04	2.46E-04	7.58E-05	5.83E-05	1.94E-05	4.54E-05	9.35E-06
4616	624006.81	4264913.99	0.00029622	1.02E-04	2.48E-04	7.63E-05	5.86E-05	1.95E-05	4.57E-05	9.40E-06

4617	624015.95	4264910.36	0.00029777	1.02E-04	2.49E-04	7.67E-05	5.89E-05	1.96E-05	4.59E-05	9.45E-06
4618	624025.09	4264906.72	0.00029914	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.62E-05	9.49E-06
4619	624034.23	4264903.08	0.00030032	1.03E-04	2.51E-04	7.73E-05	5.94E-05	1.98E-05	4.63E-05	9.53E-06
4620	624043.37	4264899.45	0.0003013	1.04E-04	2.52E-04	7.76E-05	5.96E-05	1.99E-05	4.65E-05	9.56E-06
4621	624052.51	4264895.81	0.00030204	1.04E-04	2.52E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
4622	624061.65	4264892.17	0.00030256	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
4623	624070.79	4264888.54	0.00030285	1.04E-04	2.53E-04	7.80E-05	5.99E-05	2.00E-05	4.67E-05	9.61E-06
4624	624079.93	4264884.9	0.0003029	1.04E-04	2.53E-04	7.80E-05	6.00E-05	2.00E-05	4.67E-05	9.61E-06
4625	624089.07	4264881.26	0.00030273	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.61E-06
4626	624098.21	4264877.63	0.00030239	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
4627	624107.35	4264873.99	0.00030184	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.66E-05	9.58E-06
4628	624116.49	4264870.35	0.00030118	1.04E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.65E-05	9.56E-06
4629	624125.63	4264866.72	0.00030052	1.03E-04	2.51E-04	7.74E-05	5.95E-05	1.98E-05	4.64E-05	9.54E-06
4630	624134.77	4264863.08	0.00029978	1.03E-04	2.51E-04	7.72E-05	5.93E-05	1.98E-05	4.63E-05	9.51E-06
4631	624143.91	4264859.44	0.00029894	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.61E-05	9.49E-06
4632	624153.05	4264855.81	0.00029794	1.02E-04	2.49E-04	7.67E-05	5.90E-05	1.96E-05	4.60E-05	9.46E-06
4633	624162.19	4264852.17	0.00029693	1.02E-04	2.48E-04	7.65E-05	5.88E-05	1.96E-05	4.58E-05	9.42E-06
4634	624171.33	4264848.53	0.00029599	1.02E-04	2.47E-04	7.62E-05	5.86E-05	1.95E-05	4.57E-05	9.39E-06
4635	624180.47	4264844.9	0.0002951	1.01E-04	2.47E-04	7.60E-05	5.84E-05	1.94E-05	4.55E-05	9.37E-06
4636	624189.61	4264841.26	0.00029432	1.01E-04	2.46E-04	7.58E-05	5.83E-05	1.94E-05	4.54E-05	9.34E-06
4637	624198.75	4264837.62	0.00029363	1.01E-04	2.45E-04	7.56E-05	5.81E-05	1.93E-05	4.53E-05	9.32E-06
4638	624207.89	4264833.99	0.00029309	1.01E-04	2.45E-04	7.55E-05	5.80E-05	1.93E-05	4.52E-05	9.30E-06
4639	624217.03	4264830.35	0.00029269	1.01E-04	2.45E-04	7.54E-05	5.79E-05	1.93E-05	4.52E-05	9.29E-06
4640	624226.17	4264826.71	0.00029243	1.01E-04	2.44E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.28E-06
4641	624235.31	4264823.08	0.00029231	1.01E-04	2.44E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.28E-06
4642	624244.45	4264819.44	0.00029237	1.01E-04	2.44E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.28E-06
4643	624253.59	4264815.8	0.00029254	1.01E-04	2.45E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.28E-06
4644	624262.73	4264812.17	0.00029286	1.01E-04	2.45E-04	7.54E-05	5.80E-05	1.93E-05	4.52E-05	9.29E-06
4645	624271.87	4264808.53	0.00029332	1.01E-04	2.45E-04	7.55E-05	5.81E-05	1.93E-05	4.53E-05	9.31E-06
4646	624281.01	4264804.89	0.00029386	1.01E-04	2.46E-04	7.57E-05	5.82E-05	1.94E-05	4.53E-05	9.33E-06
4647	624290.15	4264801.26	0.00029452	1.01E-04	2.46E-04	7.58E-05	5.83E-05	1.94E-05	4.54E-05	9.35E-06
4648	624299.29	4264797.62	0.0002953	1.02E-04	2.47E-04	7.60E-05	5.85E-05	1.95E-05	4.56E-05	9.37E-06
4649	624308.43	4264793.98	0.0002961	1.02E-04	2.47E-04	7.62E-05	5.86E-05	1.95E-05	4.57E-05	9.40E-06
4650	624317.57	4264790.35	0.00029699	1.02E-04	2.48E-04	7.65E-05	5.88E-05	1.96E-05	4.58E-05	9.43E-06
4651	624326.71	4264786.71	0.00029794	1.02E-04	2.49E-04	7.67E-05	5.90E-05	1.96E-05	4.60E-05	9.46E-06
4652	624335.85	4264783.07	0.00029894	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.61E-05	9.49E-06
4653	624344.99	4264779.44	0.00030001	1.03E-04	2.51E-04	7.72E-05	5.94E-05	1.98E-05	4.63E-05	9.52E-06
4654	624354.13	4264775.8	0.00030112	1.04E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.65E-05	9.56E-06
4655	624363.27	4264772.16	0.0003023	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
4656	623690.25	4264940.51	0.00020062	6.90E-05	1.68E-04	5.17E-05	3.97E-05	1.32E-05	3.10E-05	6.37E-06
4657	623699.37	4264936.88	0.0002026	6.97E-05	1.69E-04	5.22E-05	4.01E-05	1.33E-05	3.13E-05	6.43E-06
4658	623708.48	4264933.26	0.00020461	7.04E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05	6.49E-06
4659	623717.59	4264929.63	0.00020664	7.11E-05	1.73E-04	5.32E-05	4.09E-05	1.36E-05	3.19E-05	6.56E-06
4660	623726.71	4264926	0.00020877	7.18E-05	1.75E-04	5.37E-05	4.13E-05	1.38E-05	3.22E-05	6.63E-06
4661	623735.82	4264922.38	0.00021092	7.25E-05	1.76E-04	5.43E-05	4.17E-05	1.39E-05	3.25E-05	6.69E-06
4662	623744.94	4264918.75	0.0002131	7.33E-05	1.78E-04	5.49E-05	4.22E-05	1.40E-05	3.29E-05	6.76E-06
4663	623754.05	4264915.12	0.00021534	7.40E-05	1.80E-04	5.54E-05	4.26E-05	1.42E-05	3.32E-05	6.83E-06
4664	623763.16	4264911.5	0.00021772	7.49E-05	1.82E-04	5.61E-05	4.31E-05	1.43E-05	3.36E-05	6.91E-06
4665	623772.28	4264907.87	0.0002201	7.57E-05	1.84E-04	5.67E-05	4.36E-05	1.45E-05	3.40E-05	6.99E-06
4666	623781.39	4264904.25	0.00022251	7.65E-05	1.86E-04	5.73E-05	4.40E-05	1.47E-05	3.43E-05	7.06E-06
4667	623790.51	4264900.62	0.00022484	7.73E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05	7.14E-06
4668	623799.62	4264896.99	0.00022716	7.81E-05	1.90E-04	5.85E-05	4.50E-05	1.50E-05	3.51E-05	7.21E-06
4669	623808.73	4264893.37	0.00022949	7.89E-05	1.92E-04	5.91E-05	4.54E-05	1.51E-05	3.54E-05	7.28E-06
4670	623817.85	4264889.74	0.00023178	7.97E-05	1.94E-04	5.97E-05	4.59E-05	1.53E-05	3.58E-05	7.36E-06
4671	623826.96	4264886.11	0.00023408	8.05E-05	1.96E-04	6.03E-05	4.63E-05	1.54E-05	3.61E-05	7.43E-06

4672	623836.08	4264882.49	0.00023638	8.13E-05	1.98E-04	6.09E-05	4.68E-05	1.56E-05	3.65E-05	7.50E-06
4673	623845.19	4264878.86	0.00023867	8.21E-05	1.99E-04	6.14E-05	4.72E-05	1.57E-05	3.68E-05	7.57E-06
4674	623854.3	4264875.24	0.00024091	8.28E-05	2.01E-04	6.20E-05	4.77E-05	1.59E-05	3.72E-05	7.65E-06
4675	623863.42	4264871.61	0.00024315	8.36E-05	2.03E-04	6.26E-05	4.81E-05	1.60E-05	3.75E-05	7.72E-06
4676	623872.53	4264867.98	0.00024536	8.44E-05	2.05E-04	6.32E-05	4.86E-05	1.62E-05	3.79E-05	7.79E-06
4677	623881.64	4264864.36	0.00024751	8.51E-05	2.07E-04	6.37E-05	4.90E-05	1.63E-05	3.82E-05	7.86E-06
4678	623890.76	4264860.73	0.00024964	8.58E-05	2.09E-04	6.43E-05	4.94E-05	1.64E-05	3.85E-05	7.92E-06
4679	623899.87	4264857.1	0.0002517	8.66E-05	2.10E-04	6.48E-05	4.98E-05	1.66E-05	3.88E-05	7.99E-06
4680	623908.99	4264853.48	0.00025371	8.72E-05	2.12E-04	6.53E-05	5.02E-05	1.67E-05	3.91E-05	8.05E-06
4681	623918.1	4264849.85	0.00025566	8.79E-05	2.14E-04	6.58E-05	5.06E-05	1.68E-05	3.94E-05	8.11E-06
4682	623927.21	4264846.22	0.00025756	8.86E-05	2.15E-04	6.63E-05	5.10E-05	1.70E-05	3.97E-05	8.17E-06
4683	623936.33	4264842.6	0.00025939	8.92E-05	2.17E-04	6.68E-05	5.13E-05	1.71E-05	4.00E-05	8.23E-06
4684	623945.44	4264838.97	0.00026123	8.98E-05	2.18E-04	6.73E-05	5.17E-05	1.72E-05	4.03E-05	8.29E-06
4685	623954.56	4264835.35	0.00026298	9.04E-05	2.20E-04	6.77E-05	5.21E-05	1.73E-05	4.06E-05	8.35E-06
4686	623963.67	4264831.72	0.00026459	9.10E-05	2.21E-04	6.81E-05	5.24E-05	1.74E-05	4.08E-05	8.40E-06
4687	623972.78	4264828.09	0.00026594	9.14E-05	2.22E-04	6.85E-05	5.26E-05	1.75E-05	4.10E-05	8.44E-06
4688	623981.9	4264824.47	0.00026717	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.12E-05	8.48E-06
4689	623991.01	4264820.84	0.00026823	9.22E-05	2.24E-04	6.91E-05	5.31E-05	1.77E-05	4.14E-05	8.51E-06
4690	624000.13	4264817.21	0.00026912	9.25E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
4691	624009.24	4264813.59	0.00026984	9.28E-05	2.26E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05	8.56E-06
4692	624018.35	4264809.96	0.00027036	9.30E-05	2.26E-04	6.96E-05	5.35E-05	1.78E-05	4.17E-05	8.58E-06
4693	624027.47	4264806.34	0.0002707	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
4694	624036.58	4264802.71	0.00027082	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
4695	624045.69	4264799.08	0.00027076	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
4696	624054.81	4264795.46	0.00027053	9.30E-05	2.26E-04	6.97E-05	5.35E-05	1.78E-05	4.17E-05	8.59E-06
4697	624063.92	4264791.83	0.0002701	9.29E-05	2.26E-04	6.95E-05	5.35E-05	1.78E-05	4.17E-05	8.57E-06
4698	624073.04	4264788.2	0.00026953	9.27E-05	2.25E-04	6.94E-05	5.34E-05	1.78E-05	4.16E-05	8.55E-06
4699	624082.15	4264784.58	0.00026878	9.24E-05	2.25E-04	6.92E-05	5.32E-05	1.77E-05	4.15E-05	8.53E-06
4700	624091.26	4264780.95	0.00026792	9.21E-05	2.24E-04	6.90E-05	5.30E-05	1.77E-05	4.13E-05	8.50E-06
4701	624100.38	4264777.33	0.00026694	9.18E-05	2.23E-04	6.87E-05	5.28E-05	1.76E-05	4.12E-05	8.47E-06
4702	624109.49	4264773.7	0.00026591	9.14E-05	2.22E-04	6.85E-05	5.26E-05	1.75E-05	4.10E-05	8.44E-06
4703	624118.61	4264770.07	0.0002649	9.11E-05	2.21E-04	6.82E-05	5.24E-05	1.75E-05	4.09E-05	8.41E-06
4704	624127.72	4264766.45	0.00026393	9.08E-05	2.21E-04	6.80E-05	5.22E-05	1.74E-05	4.07E-05	8.38E-06
4705	624136.83	4264762.82	0.00026295	9.04E-05	2.20E-04	6.77E-05	5.20E-05	1.73E-05	4.06E-05	8.35E-06
4706	624145.95	4264759.19	0.00026198	9.01E-05	2.19E-04	6.74E-05	5.19E-05	1.73E-05	4.04E-05	8.31E-06
4707	624155.06	4264755.57	0.00026097	8.97E-05	2.18E-04	6.72E-05	5.17E-05	1.72E-05	4.03E-05	8.28E-06
4708	624164.18	4264751.94	0.00026003	8.94E-05	2.17E-04	6.69E-05	5.15E-05	1.71E-05	4.01E-05	8.25E-06
4709	624173.29	4264748.31	0.00025919	8.91E-05	2.17E-04	6.67E-05	5.13E-05	1.71E-05	4.00E-05	8.23E-06
4710	624182.4	4264744.69	0.00025848	8.89E-05	2.16E-04	6.65E-05	5.12E-05	1.70E-05	3.99E-05	8.20E-06
4711	624191.52	4264741.06	0.00025784	8.87E-05	2.16E-04	6.64E-05	5.10E-05	1.70E-05	3.98E-05	8.18E-06
4712	624200.63	4264737.44	0.00025739	8.85E-05	2.15E-04	6.63E-05	5.09E-05	1.70E-05	3.97E-05	8.17E-06
4713	624209.74	4264733.81	0.00025701	8.84E-05	2.15E-04	6.62E-05	5.09E-05	1.69E-05	3.97E-05	8.16E-06
4714	624218.86	4264730.18	0.00025681	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05	8.15E-06
4715	624227.97	4264726.56	0.00025673	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05	8.15E-06
4716	624237.09	4264722.93	0.00025678	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05	8.15E-06
4717	624246.2	4264719.3	0.00025695	8.84E-05	2.15E-04	6.62E-05	5.09E-05	1.69E-05	3.96E-05	8.15E-06
4718	624255.31	4264715.68	0.00025724	8.85E-05	2.15E-04	6.62E-05	5.09E-05	1.69E-05	3.97E-05	8.16E-06
4719	624264.43	4264712.05	0.00025762	8.86E-05	2.15E-04	6.63E-05	5.10E-05	1.70E-05	3.98E-05	8.18E-06
4720	624273.54	4264708.43	0.0002581	8.88E-05	2.16E-04	6.65E-05	5.11E-05	1.70E-05	3.98E-05	8.19E-06
4721	624282.66	4264704.8	0.00025868	8.90E-05	2.16E-04	6.66E-05	5.12E-05	1.70E-05	3.99E-05	8.21E-06
4722	624291.77	4264701.17	0.00025934	8.92E-05	2.17E-04	6.68E-05	5.13E-05	1.71E-05	4.00E-05	8.23E-06
4723	624300.88	4264697.55	0.00026014	8.95E-05	2.17E-04	6.70E-05	5.15E-05	1.71E-05	4.01E-05	8.26E-06
4724	624310	4264693.92	0.00026103	8.98E-05	2.18E-04	6.72E-05	5.17E-05	1.72E-05	4.03E-05	8.28E-06
4725	624319.11	4264690.29	0.00026198	9.01E-05	2.19E-04	6.74E-05	5.19E-05	1.73E-05	4.04E-05	8.31E-06
4726	624328.23	4264686.67	0.0002629	9.04E-05	2.20E-04	6.77E-05	5.20E-05	1.73E-05	4.06E-05	8.34E-06

4727	624337.34	4264683.04	0.00026381	9.07E-05	2.21E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05	8.37E-06
4728	624346.45	4264679.42	0.00026473	9.10E-05	2.21E-04	6.82E-05	5.24E-05	1.74E-05	4.08E-05	8.40E-06
4729	624355.57	4264675.79	0.00026571	9.14E-05	2.22E-04	6.84E-05	5.26E-05	1.75E-05	4.10E-05	8.43E-06
4730	624364.68	4264672.16	0.00026671	9.17E-05	2.23E-04	6.87E-05	5.28E-05	1.76E-05	4.12E-05	8.46E-06
4731	623702.32	4264836.27	0.00019459	6.69E-05	1.63E-04	5.01E-05	3.85E-05	1.28E-05	3.00E-05	6.18E-06
4732	623711.41	4264832.65	0.00019657	6.76E-05	1.64E-04	5.06E-05	3.89E-05	1.30E-05	3.03E-05	6.24E-06
4733	623720.51	4264829.03	0.00019852	6.83E-05	1.66E-04	5.11E-05	3.93E-05	1.31E-05	3.06E-05	6.30E-06
4734	623729.6	4264825.41	0.0002005	6.89E-05	1.68E-04	5.16E-05	3.97E-05	1.32E-05	3.09E-05	6.36E-06
4735	623738.69	4264821.8	0.00020251	6.96E-05	1.69E-04	5.21E-05	4.01E-05	1.33E-05	3.12E-05	6.43E-06
4736	623747.78	4264818.18	0.00020449	7.03E-05	1.71E-04	5.26E-05	4.05E-05	1.35E-05	3.16E-05	6.49E-06
4737	623756.88	4264814.56	0.0002065	7.10E-05	1.73E-04	5.32E-05	4.09E-05	1.36E-05	3.19E-05	6.55E-06
4738	623765.97	4264810.94	0.00020857	7.17E-05	1.74E-04	5.37E-05	4.13E-05	1.37E-05	3.22E-05	6.62E-06
4739	623775.06	4264807.32	0.00021063	7.24E-05	1.76E-04	5.42E-05	4.17E-05	1.39E-05	3.25E-05	6.68E-06
4740	623784.16	4264803.71	0.0002127	7.31E-05	1.78E-04	5.48E-05	4.21E-05	1.40E-05	3.28E-05	6.75E-06
4741	623793.25	4264800.09	0.00021462	7.38E-05	1.79E-04	5.53E-05	4.25E-05	1.41E-05	3.31E-05	6.81E-06
4742	623802.34	4264796.47	0.00021652	7.45E-05	1.81E-04	5.57E-05	4.29E-05	1.43E-05	3.34E-05	6.87E-06
4743	623811.43	4264792.85	0.00021841	7.51E-05	1.83E-04	5.62E-05	4.32E-05	1.44E-05	3.37E-05	6.93E-06
4744	623820.53	4264789.24	0.00022028	7.57E-05	1.84E-04	5.67E-05	4.36E-05	1.45E-05	3.40E-05	6.99E-06
4745	623829.62	4264785.62	0.00022208	7.64E-05	1.86E-04	5.72E-05	4.40E-05	1.46E-05	3.43E-05	7.05E-06
4746	623838.71	4264782	0.00022386	7.70E-05	1.87E-04	5.76E-05	4.43E-05	1.47E-05	3.45E-05	7.10E-06
4747	623847.8	4264778.38	0.00022564	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05	7.16E-06
4748	623856.9	4264774.76	0.00022736	7.82E-05	1.90E-04	5.85E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
4749	623865.99	4264771.15	0.00022903	7.88E-05	1.91E-04	5.90E-05	4.53E-05	1.51E-05	3.53E-05	7.27E-06
4750	623875.08	4264767.53	0.00023064	7.93E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05	7.32E-06
4751	623884.18	4264763.91	0.00023222	7.99E-05	1.94E-04	5.98E-05	4.60E-05	1.53E-05	3.58E-05	7.37E-06
4752	623893.27	4264760.29	0.00023374	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06
4753	623902.36	4264756.67	0.00023517	8.09E-05	1.97E-04	6.05E-05	4.65E-05	1.55E-05	3.63E-05	7.46E-06
4754	623911.45	4264753.06	0.00023652	8.13E-05	1.98E-04	6.09E-05	4.68E-05	1.56E-05	3.65E-05	7.51E-06
4755	623920.55	4264749.44	0.00023778	8.18E-05	1.99E-04	6.12E-05	4.71E-05	1.57E-05	3.67E-05	7.55E-06
4756	623929.64	4264745.82	0.00023896	8.22E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05	7.58E-06
4757	623938.73	4264742.2	0.00024011	8.26E-05	2.01E-04	6.18E-05	4.75E-05	1.58E-05	3.71E-05	7.62E-06
4758	623947.82	4264738.59	0.0002412	8.29E-05	2.02E-04	6.21E-05	4.77E-05	1.59E-05	3.72E-05	7.65E-06
4759	623956.92	4264734.97	0.00024215	8.33E-05	2.02E-04	6.23E-05	4.79E-05	1.60E-05	3.74E-05	7.68E-06
4760	623966.01	4264731.35	0.00024292	8.35E-05	2.03E-04	6.25E-05	4.81E-05	1.60E-05	3.75E-05	7.71E-06
4761	623975.1	4264727.73	0.00024344	8.37E-05	2.03E-04	6.27E-05	4.82E-05	1.60E-05	3.76E-05	7.73E-06
4762	623984.2	4264724.11	0.00024384	8.38E-05	2.04E-04	6.28E-05	4.83E-05	1.61E-05	3.76E-05	7.74E-06
4763	623993.29	4264720.5	0.00024404	8.39E-05	2.04E-04	6.28E-05	4.83E-05	1.61E-05	3.77E-05	7.74E-06
4764	624002.38	4264716.88	0.0002441	8.39E-05	2.04E-04	6.28E-05	4.83E-05	1.61E-05	3.77E-05	7.75E-06
4765	624011.47	4264713.26	0.00024398	8.39E-05	2.04E-04	6.28E-05	4.83E-05	1.61E-05	3.76E-05	7.74E-06
4766	624020.57	4264709.64	0.00024372	8.38E-05	2.04E-04	6.28E-05	4.82E-05	1.61E-05	3.76E-05	7.73E-06
4767	624029.66	4264706.02	0.00024329	8.37E-05	2.03E-04	6.26E-05	4.82E-05	1.60E-05	3.75E-05	7.72E-06
4768	624038.75	4264702.41	0.00024269	8.35E-05	2.03E-04	6.25E-05	4.80E-05	1.60E-05	3.74E-05	7.70E-06
4769	624047.84	4264698.79	0.00024197	8.32E-05	2.02E-04	6.23E-05	4.79E-05	1.59E-05	3.73E-05	7.68E-06
4770	624056.94	4264695.17	0.00024114	8.29E-05	2.02E-04	6.21E-05	4.77E-05	1.59E-05	3.72E-05	7.65E-06
4771	624066.03	4264691.55	0.00024019	8.26E-05	2.01E-04	6.18E-05	4.75E-05	1.58E-05	3.71E-05	7.62E-06
4772	624075.12	4264687.94	0.00023919	8.23E-05	2.00E-04	6.16E-05	4.73E-05	1.58E-05	3.69E-05	7.59E-06
4773	624084.22	4264684.32	0.0002381	8.19E-05	1.99E-04	6.13E-05	4.71E-05	1.57E-05	3.67E-05	7.56E-06
4774	624093.31	4264680.7	0.00023704	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05	7.52E-06
4775	624102.4	4264677.08	0.00023597	8.11E-05	1.97E-04	6.08E-05	4.67E-05	1.55E-05	3.64E-05	7.49E-06
4776	624111.49	4264673.46	0.00023497	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.63E-05	7.46E-06
4777	624120.59	4264669.85	0.00023394	8.04E-05	1.96E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06
4778	624129.68	4264666.23	0.0002329	8.01E-05	1.95E-04	6.00E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
4779	624138.77	4264662.61	0.0002319	7.97E-05	1.94E-04	5.97E-05	4.59E-05	1.53E-05	3.58E-05	7.36E-06
4780	624147.86	4264658.99	0.00023098	7.94E-05	1.93E-04	5.95E-05	4.57E-05	1.52E-05	3.56E-05	7.33E-06
4781	624156.96	4264655.37	0.00023015	7.91E-05	1.92E-04	5.93E-05	4.56E-05	1.52E-05	3.55E-05	7.30E-06

4782	624166.05	4264651.76	0.00022943	7.89E-05	1.92E-04	5.91E-05	4.54E-05	1.51E-05	3.54E-05	7.28E-06
4783	624175.14	4264648.14	0.0002288	7.87E-05	1.91E-04	5.89E-05	4.53E-05	1.51E-05	3.53E-05	7.26E-06
4784	624184.23	4264644.52	0.00022831	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.25E-06
4785	624193.33	4264640.9	0.00022791	7.84E-05	1.90E-04	5.87E-05	4.51E-05	1.50E-05	3.52E-05	7.23E-06
4786	624202.42	4264637.29	0.00022765	7.83E-05	1.90E-04	5.86E-05	4.51E-05	1.50E-05	3.51E-05	7.22E-06
4787	624211.51	4264633.67	0.00022751	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
4788	624220.61	4264630.05	0.00022745	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
4789	624229.7	4264626.43	0.00022754	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
4790	624238.79	4264622.81	0.00022771	7.83E-05	1.90E-04	5.86E-05	4.51E-05	1.50E-05	3.51E-05	7.23E-06
4791	624247.88	4264619.2	0.00022797	7.84E-05	1.91E-04	5.87E-05	4.51E-05	1.50E-05	3.52E-05	7.23E-06
4792	624256.98	4264615.58	0.00022834	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.25E-06
4793	624266.07	4264611.96	0.00022877	7.87E-05	1.91E-04	5.89E-05	4.53E-05	1.51E-05	3.53E-05	7.26E-06
4794	624275.16	4264608.34	0.00022929	7.88E-05	1.92E-04	5.90E-05	4.54E-05	1.51E-05	3.54E-05	7.28E-06
4795	624284.25	4264604.72	0.00022986	7.90E-05	1.92E-04	5.92E-05	4.55E-05	1.51E-05	3.55E-05	7.29E-06
4796	624293.35	4264601.11	0.00023049	7.93E-05	1.93E-04	5.93E-05	4.56E-05	1.52E-05	3.56E-05	7.31E-06
4797	624302.44	4264597.49	0.0002313	7.95E-05	1.93E-04	5.96E-05	4.58E-05	1.52E-05	3.57E-05	7.34E-06
4798	624311.53	4264593.87	0.00023216	7.98E-05	1.94E-04	5.98E-05	4.60E-05	1.53E-05	3.58E-05	7.37E-06
4799	624320.63	4264590.25	0.00023308	8.01E-05	1.95E-04	6.00E-05	4.61E-05	1.54E-05	3.60E-05	7.40E-06
4800	624329.72	4264586.64	0.00023397	8.05E-05	1.96E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.43E-06
4801	624338.81	4264583.02	0.00023486	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.62E-05	7.45E-06
4802	624347.9	4264579.4	0.0002358	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05	7.48E-06
4803	624357	4264575.78	0.00023684	8.14E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.65E-05	7.52E-06
4804	624366.09	4264572.16	0.00023787	8.18E-05	1.99E-04	6.12E-05	4.71E-05	1.57E-05	3.67E-05	7.55E-06
4805	624362.59	4266163.45	0.0054754	1.88E-03	4.58E-03	1.41E-03	1.08E-03	3.61E-04	8.45E-04	1.74E-04
4806	624372.48	4266163.63	0.006011	2.07E-03	5.02E-03	1.55E-03	1.19E-03	3.96E-04	9.28E-04	1.91E-04
4807	624382.37	4266163.81	0.0065666	2.26E-03	5.49E-03	1.69E-03	1.30E-03	4.33E-04	1.01E-03	2.08E-04
4808	624392.26	4266163.98	0.0071636	2.46E-03	5.99E-03	1.84E-03	1.42E-03	4.72E-04	1.11E-03	2.27E-04
4809	624402.15	4266164.16	0.0078133	2.69E-03	6.53E-03	2.01E-03	1.55E-03	5.15E-04	1.21E-03	2.48E-04
4810	624412.04	4266164.34	0.0083734	2.88E-03	7.00E-03	2.16E-03	1.66E-03	5.52E-04	1.29E-03	2.66E-04
4811	624421.93	4266164.51	0.0087213	3.00E-03	7.29E-03	2.25E-03	1.73E-03	5.75E-04	1.35E-03	2.77E-04
4812	624451.59	4266165.04	0.0093556	3.22E-03	7.82E-03	2.41E-03	1.85E-03	6.16E-04	1.44E-03	2.97E-04
4813	624461.48	4266165.22	0.0097003	3.34E-03	8.11E-03	2.50E-03	1.92E-03	6.39E-04	1.50E-03	3.08E-04
4814	624471.37	4266165.4	0.010072	3.46E-03	8.42E-03	2.59E-03	1.99E-03	6.64E-04	1.55E-03	3.20E-04
4815	624481.26	4266165.57	0.010258	3.53E-03	8.57E-03	2.64E-03	2.03E-03	6.76E-04	1.58E-03	3.26E-04
4816	624491.15	4266165.75	0.010266	3.53E-03	8.58E-03	2.64E-03	2.03E-03	6.76E-04	1.58E-03	3.26E-04
4817	624501.04	4266165.93	0.010258	3.53E-03	8.57E-03	2.64E-03	2.03E-03	6.76E-04	1.58E-03	3.26E-04
4818	624510.93	4266166.1	0.010319	3.55E-03	8.63E-03	2.66E-03	2.04E-03	6.80E-04	1.59E-03	3.28E-04
4819	624520.82	4266166.28	0.010487	3.61E-03	8.77E-03	2.70E-03	2.08E-03	6.91E-04	1.62E-03	3.33E-04
4820	624530.71	4266166.46	0.010792	3.71E-03	9.02E-03	2.78E-03	2.14E-03	7.11E-04	1.67E-03	3.42E-04
4821	624540.6	4266166.63	0.01104	3.80E-03	9.23E-03	2.84E-03	2.19E-03	7.27E-04	1.70E-03	3.50E-04
4822	624550.49	4266166.81	0.011047	3.80E-03	9.23E-03	2.84E-03	2.19E-03	7.28E-04	1.70E-03	3.51E-04
4823	624560.38	4266166.99	0.010933	3.76E-03	9.14E-03	2.81E-03	2.16E-03	7.20E-04	1.69E-03	3.47E-04
4824	624570.27	4266167.16	0.010846	3.73E-03	9.07E-03	2.79E-03	2.15E-03	7.15E-04	1.67E-03	3.44E-04
4825	624580.15	4266167.34	0.010856	3.73E-03	9.07E-03	2.80E-03	2.15E-03	7.15E-04	1.68E-03	3.45E-04
4826	624590.04	4266167.52	0.011018	3.79E-03	9.21E-03	2.84E-03	2.18E-03	7.26E-04	1.70E-03	3.50E-04
4827	624599.93	4266167.69	0.011176	3.84E-03	9.34E-03	2.88E-03	2.21E-03	7.36E-04	1.72E-03	3.55E-04
4828	624609.82	4266167.87	0.01111	3.82E-03	9.29E-03	2.86E-03	2.20E-03	7.32E-04	1.71E-03	3.53E-04
4829	624619.71	4266168.05	0.010904	3.75E-03	9.11E-03	2.81E-03	2.16E-03	7.18E-04	1.68E-03	3.46E-04
4830	624629.6	4266168.22	0.010721	3.69E-03	8.96E-03	2.76E-03	2.12E-03	7.06E-04	1.65E-03	3.40E-04
4831	624639.49	4266168.4	0.010621	3.65E-03	8.88E-03	2.73E-03	2.10E-03	7.00E-04	1.64E-03	3.37E-04
4832	624669.16	4266168.93	0.010687	3.68E-03	8.93E-03	2.75E-03	2.12E-03	7.04E-04	1.65E-03	3.39E-04
4833	624679.05	4266169.1	0.010393	3.57E-03	8.69E-03	2.68E-03	2.06E-03	6.85E-04	1.60E-03	3.30E-04
4834	624688.94	4266169.28	0.010091	3.47E-03	8.43E-03	2.60E-03	2.00E-03	6.65E-04	1.56E-03	3.20E-04
4835	624698.82	4266169.46	0.0099093	3.41E-03	8.28E-03	2.55E-03	1.96E-03	6.53E-04	1.53E-03	3.14E-04
4836	624708.71	4266169.63	0.0098549	3.39E-03	8.24E-03	2.54E-03	1.95E-03	6.49E-04	1.52E-03	3.13E-04

4837	624718.6	4266169.81	0.0099172	3.41E-03	8.29E-03	2.55E-03	1.96E-03	6.53E-04	1.53E-03	3.15E-04
4838	624748.27	4266170.34	0.0099423	3.42E-03	8.31E-03	2.56E-03	1.97E-03	6.55E-04	1.53E-03	3.16E-04
4839	624758.16	4266170.52	0.0095855	3.30E-03	8.01E-03	2.47E-03	1.90E-03	6.32E-04	1.48E-03	3.04E-04
4840	624768.05	4266170.69	0.0092656	3.19E-03	7.74E-03	2.39E-03	1.83E-03	6.10E-04	1.43E-03	2.94E-04
4841	624777.94	4266170.87	0.009023	3.10E-03	7.54E-03	2.32E-03	1.79E-03	5.94E-04	1.39E-03	2.86E-04
4842	624787.83	4266171.05	0.0088978	3.06E-03	7.44E-03	2.29E-03	1.76E-03	5.86E-04	1.37E-03	2.82E-04
4843	624797.72	4266171.22	0.0086572	2.98E-03	7.24E-03	2.23E-03	1.71E-03	5.70E-04	1.34E-03	2.75E-04
4844	624807.61	4266171.4	0.008049	2.77E-03	6.73E-03	2.07E-03	1.59E-03	5.30E-04	1.24E-03	2.55E-04
4845	624817.5	4266171.58	0.0072365	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03	2.30E-04
4846	624827.38	4266171.75	0.0064369	2.21E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.93E-04	2.04E-04
4847	624837.27	4266171.93	0.0057336	1.97E-03	4.79E-03	1.48E-03	1.13E-03	3.78E-04	8.85E-04	1.82E-04
4848	624847.16	4266172.11	0.0051385	1.77E-03	4.30E-03	1.32E-03	1.02E-03	3.39E-04	7.93E-04	1.63E-04
4849	624345.52	4266170.23	0.0045168	1.55E-03	3.78E-03	1.16E-03	8.94E-04	2.98E-04	6.97E-04	1.43E-04
4850	624362.41	4266173.45	0.0051167	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.37E-04	7.90E-04	1.62E-04
4851	624372.3	4266173.63	0.0055342	1.90E-03	4.63E-03	1.42E-03	1.10E-03	3.65E-04	8.54E-04	1.76E-04
4852	624382.19	4266173.81	0.0059651	2.05E-03	4.99E-03	1.54E-03	1.18E-03	3.93E-04	9.20E-04	1.89E-04
4853	624392.08	4266173.98	0.0064364	2.21E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.93E-04	2.04E-04
4854	624401.97	4266174.16	0.0069477	2.39E-03	5.81E-03	1.79E-03	1.38E-03	4.58E-04	1.07E-03	2.20E-04
4855	624411.86	4266174.33	0.0074315	2.56E-03	6.21E-03	1.91E-03	1.47E-03	4.90E-04	1.15E-03	2.36E-04
4856	624421.75	4266174.51	0.0078025	2.68E-03	6.52E-03	2.01E-03	1.54E-03	5.14E-04	1.20E-03	2.48E-04
4857	624451.42	4266175.04	0.0084353	2.90E-03	7.05E-03	2.17E-03	1.67E-03	5.56E-04	1.30E-03	2.68E-04
4858	624461.31	4266175.22	0.0086935	2.99E-03	7.27E-03	2.24E-03	1.72E-03	5.73E-04	1.34E-03	2.76E-04
4859	624471.19	4266175.39	0.0089861	3.09E-03	7.51E-03	2.31E-03	1.78E-03	5.92E-04	1.39E-03	2.85E-04
4860	624481.08	4266175.57	0.0092058	3.17E-03	7.69E-03	2.37E-03	1.82E-03	6.07E-04	1.42E-03	2.92E-04
4861	624490.97	4266175.75	0.0093098	3.20E-03	7.78E-03	2.40E-03	1.84E-03	6.13E-04	1.44E-03	2.95E-04
4862	624500.86	4266175.92	0.0093491	3.21E-03	7.81E-03	2.41E-03	1.85E-03	6.16E-04	1.44E-03	2.97E-04
4863	624510.75	4266176.1	0.009385	3.23E-03	7.84E-03	2.42E-03	1.86E-03	6.18E-04	1.45E-03	2.98E-04
4864	624520.64	4266176.28	0.0094864	3.26E-03	7.93E-03	2.44E-03	1.88E-03	6.25E-04	1.46E-03	3.01E-04
4865	624530.53	4266176.45	0.0096809	3.33E-03	8.09E-03	2.49E-03	1.92E-03	6.38E-04	1.49E-03	3.07E-04
4866	624540.42	4266176.63	0.0098788	3.40E-03	8.26E-03	2.54E-03	1.96E-03	6.51E-04	1.52E-03	3.14E-04
4867	624550.31	4266176.81	0.0099642	3.43E-03	8.33E-03	2.57E-03	1.97E-03	6.57E-04	1.54E-03	3.16E-04
4868	624560.2	4266176.98	0.0099366	3.42E-03	8.31E-03	2.56E-03	1.97E-03	6.55E-04	1.53E-03	3.15E-04
4869	624570.09	4266177.16	0.0098662	3.39E-03	8.25E-03	2.54E-03	1.95E-03	6.50E-04	1.52E-03	3.13E-04
4870	624579.98	4266177.34	0.0098413	3.38E-03	8.23E-03	2.53E-03	1.95E-03	6.48E-04	1.52E-03	3.12E-04
4871	624589.87	4266177.51	0.0099142	3.41E-03	8.29E-03	2.55E-03	1.96E-03	6.53E-04	1.53E-03	3.15E-04
4872	624599.75	4266177.69	0.010016	3.44E-03	8.37E-03	2.58E-03	1.98E-03	6.60E-04	1.55E-03	3.18E-04
4873	624609.64	4266177.87	0.010026	3.45E-03	8.38E-03	2.58E-03	1.98E-03	6.61E-04	1.55E-03	3.18E-04
4874	624619.53	4266178.04	0.0099256	3.41E-03	8.30E-03	2.56E-03	1.96E-03	6.54E-04	1.53E-03	3.15E-04
4875	624629.42	4266178.22	0.0097752	3.36E-03	8.17E-03	2.52E-03	1.93E-03	6.44E-04	1.51E-03	3.10E-04
4876	624639.31	4266178.4	0.0096504	3.32E-03	8.07E-03	2.48E-03	1.91E-03	6.36E-04	1.49E-03	3.06E-04
4877	624668.98	4266178.93	0.0096273	3.31E-03	8.05E-03	2.48E-03	1.91E-03	6.34E-04	1.49E-03	3.06E-04
4878	624678.87	4266179.1	0.0094828	3.26E-03	7.93E-03	2.44E-03	1.88E-03	6.25E-04	1.46E-03	3.01E-04
4879	624688.76	4266179.28	0.0092838	3.19E-03	7.76E-03	2.39E-03	1.84E-03	6.12E-04	1.43E-03	2.95E-04
4880	624698.65	4266179.46	0.0091064	3.13E-03	7.61E-03	2.34E-03	1.80E-03	6.00E-04	1.41E-03	2.89E-04
4881	624708.54	4266179.63	0.0089817	3.09E-03	7.51E-03	2.31E-03	1.78E-03	5.92E-04	1.39E-03	2.85E-04
4882	624718.42	4266179.81	0.0089446	3.08E-03	7.48E-03	2.30E-03	1.77E-03	5.89E-04	1.38E-03	2.84E-04
4883	624748.09	4266180.34	0.0089192	3.07E-03	7.46E-03	2.30E-03	1.77E-03	5.88E-04	1.38E-03	2.83E-04
4884	624757.98	4266180.52	0.0086658	2.98E-03	7.24E-03	2.23E-03	1.72E-03	5.71E-04	1.34E-03	2.75E-04
4885	624767.87	4266180.69	0.0083605	2.88E-03	6.99E-03	2.15E-03	1.65E-03	5.51E-04	1.29E-03	2.65E-04
4886	624777.76	4266180.87	0.0080825	2.78E-03	6.76E-03	2.08E-03	1.60E-03	5.33E-04	1.25E-03	2.57E-04
4887	624787.65	4266181.05	0.0078774	2.71E-03	6.58E-03	2.03E-03	1.56E-03	5.19E-04	1.22E-03	2.50E-04
4888	624797.54	4266181.22	0.007644	2.63E-03	6.39E-03	1.97E-03	1.51E-03	5.04E-04	1.18E-03	2.43E-04
4889	624807.43	4266181.4	0.0072335	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03	2.30E-04
4890	624817.32	4266181.58	0.0066616	2.29E-03	5.57E-03	1.72E-03	1.32E-03	4.39E-04	1.03E-03	2.11E-04
4891	624827.21	4266181.75	0.0060418	2.08E-03	5.05E-03	1.56E-03	1.20E-03	3.98E-04	9.32E-04	1.92E-04

4892	624837.1	4266181.93	0.0054558	1.88E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.42E-04	1.73E-04
4893	624846.98	4266182.11	0.004936	1.70E-03	4.13E-03	1.27E-03	9.77E-04	3.25E-04	7.62E-04	1.57E-04
4894	624345.34	4266180.23	0.0042997	1.48E-03	3.59E-03	1.11E-03	8.51E-04	2.83E-04	6.63E-04	1.36E-04
4895	624331.33	4266174.15	0.0039618	1.36E-03	3.31E-03	1.02E-03	7.84E-04	2.61E-04	6.11E-04	1.26E-04
4896	624321.51	4266164	0.0037972	1.31E-03	3.17E-03	9.78E-04	7.52E-04	2.50E-04	5.86E-04	1.21E-04
4897	624362.23	4266183.45	0.0047846	1.65E-03	4.00E-03	1.23E-03	9.47E-04	3.15E-04	7.38E-04	1.52E-04
4898	624372.12	4266183.63	0.0051181	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.37E-04	7.90E-04	1.62E-04
4899	624382.01	4266183.8	0.0054677	1.88E-03	4.57E-03	1.41E-03	1.08E-03	3.60E-04	8.44E-04	1.74E-04
4900	624391.9	4266183.98	0.0058497	2.01E-03	4.89E-03	1.51E-03	1.16E-03	3.85E-04	9.03E-04	1.86E-04
4901	624401.79	4266184.16	0.0062609	2.15E-03	5.23E-03	1.61E-03	1.24E-03	4.13E-04	9.66E-04	1.99E-04
4902	624411.68	4266184.33	0.0066667	2.29E-03	5.57E-03	1.72E-03	1.32E-03	4.39E-04	1.03E-03	2.12E-04
4903	624421.57	4266184.51	0.0070108	2.41E-03	5.86E-03	1.81E-03	1.39E-03	4.62E-04	1.08E-03	2.22E-04
4904	624451.24	4266185.04	0.0076442	2.63E-03	6.39E-03	1.97E-03	1.51E-03	5.04E-04	1.18E-03	2.43E-04
4905	624461.13	4266185.22	0.0078578	2.70E-03	6.57E-03	2.02E-03	1.56E-03	5.18E-04	1.21E-03	2.49E-04
4906	624471.02	4266185.39	0.0080952	2.78E-03	6.77E-03	2.08E-03	1.60E-03	5.33E-04	1.25E-03	2.57E-04
4907	624480.91	4266185.57	0.0083029	2.86E-03	6.94E-03	2.14E-03	1.64E-03	5.47E-04	1.28E-03	2.63E-04
4908	624490.79	4266185.75	0.008438	2.90E-03	7.05E-03	2.17E-03	1.67E-03	5.56E-04	1.30E-03	2.68E-04
4909	624500.68	4266185.92	0.0085075	2.93E-03	7.11E-03	2.19E-03	1.68E-03	5.61E-04	1.31E-03	2.70E-04
4910	624510.57	4266186.1	0.0085524	2.94E-03	7.15E-03	2.20E-03	1.69E-03	5.63E-04	1.32E-03	2.71E-04
4911	624520.46	4266186.28	0.0086306	2.97E-03	7.21E-03	2.22E-03	1.71E-03	5.69E-04	1.33E-03	2.74E-04
4912	624530.35	4266186.45	0.0087634	3.01E-03	7.32E-03	2.26E-03	1.73E-03	5.77E-04	1.35E-03	2.78E-04
4913	624540.24	4266186.63	0.0089118	3.06E-03	7.45E-03	2.29E-03	1.76E-03	5.87E-04	1.38E-03	2.83E-04
4914	624550.13	4266186.81	0.0090071	3.10E-03	7.53E-03	2.32E-03	1.78E-03	5.93E-04	1.39E-03	2.86E-04
4915	624560.02	4266186.98	0.0090209	3.10E-03	7.54E-03	2.32E-03	1.79E-03	5.94E-04	1.39E-03	2.86E-04
4916	624569.91	4266187.16	0.0089841	3.09E-03	7.51E-03	2.31E-03	1.78E-03	5.92E-04	1.39E-03	2.85E-04
4917	624579.8	4266187.34	0.0089627	3.08E-03	7.49E-03	2.31E-03	1.77E-03	5.91E-04	1.38E-03	2.84E-04
4918	624589.69	4266187.51	0.0089945	3.09E-03	7.52E-03	2.32E-03	1.78E-03	5.93E-04	1.39E-03	2.85E-04
4919	624599.58	4266187.69	0.0090539	3.11E-03	7.57E-03	2.33E-03	1.79E-03	5.97E-04	1.40E-03	2.87E-04
4920	624609.46	4266187.87	0.0090756	3.12E-03	7.59E-03	2.34E-03	1.80E-03	5.98E-04	1.40E-03	2.88E-04
4921	624619.35	4266188.04	0.0090223	3.10E-03	7.54E-03	2.32E-03	1.79E-03	5.94E-04	1.39E-03	2.86E-04
4922	624629.24	4266188.22	0.008912	3.06E-03	7.45E-03	2.29E-03	1.76E-03	5.87E-04	1.38E-03	2.83E-04
4923	624639.13	4266188.4	0.0088039	3.03E-03	7.36E-03	2.27E-03	1.74E-03	5.80E-04	1.36E-03	2.79E-04
4924	624668.8	4266188.92	0.0087238	3.00E-03	7.29E-03	2.25E-03	1.73E-03	5.75E-04	1.35E-03	2.77E-04
4925	624678.69	4266189.1	0.0086435	2.97E-03	7.22E-03	2.23E-03	1.71E-03	5.69E-04	1.33E-03	2.74E-04
4926	624688.58	4266189.28	0.0085079	2.93E-03	7.11E-03	2.19E-03	1.68E-03	5.61E-04	1.31E-03	2.70E-04
4927	624698.47	4266189.45	0.0083513	2.87E-03	6.98E-03	2.15E-03	1.65E-03	5.50E-04	1.29E-03	2.65E-04
4928	624708.36	4266189.63	0.00821	2.82E-03	6.86E-03	2.11E-03	1.63E-03	5.41E-04	1.27E-03	2.61E-04
4929	624718.25	4266189.81	0.0081277	2.79E-03	6.79E-03	2.09E-03	1.61E-03	5.36E-04	1.25E-03	2.58E-04
4930	624747.91	4266190.34	0.0080069	2.75E-03	6.69E-03	2.06E-03	1.58E-03	5.28E-04	1.24E-03	2.54E-04
4931	624757.8	4266190.51	0.0078129	2.69E-03	6.53E-03	2.01E-03	1.55E-03	5.15E-04	1.21E-03	2.48E-04
4932	624767.69	4266190.69	0.0075501	2.60E-03	6.31E-03	1.94E-03	1.49E-03	4.97E-04	1.17E-03	2.40E-04
4933	624777.58	4266190.87	0.007288	2.51E-03	6.09E-03	1.88E-03	1.44E-03	4.80E-04	1.12E-03	2.31E-04
4934	624787.47	4266191.04	0.0070627	2.43E-03	5.90E-03	1.82E-03	1.40E-03	4.65E-04	1.09E-03	2.24E-04
4935	624797.36	4266191.22	0.0068337	2.35E-03	5.71E-03	1.76E-03	1.35E-03	4.50E-04	1.05E-03	2.17E-04
4936	624807.25	4266191.4	0.0065238	2.24E-03	5.45E-03	1.68E-03	1.29E-03	4.30E-04	1.01E-03	2.07E-04
4937	624817.14	4266191.57	0.0061114	2.10E-03	5.11E-03	1.57E-03	1.21E-03	4.03E-04	9.43E-04	1.94E-04
4938	624827.03	4266191.75	0.0056402	1.94E-03	4.71E-03	1.45E-03	1.12E-03	3.72E-04	8.70E-04	1.79E-04
4939	624836.92	4266191.93	0.0051658	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.40E-04	7.97E-04	1.64E-04
4940	624846.81	4266192.1	0.0047226	1.62E-03	3.95E-03	1.22E-03	9.35E-04	3.11E-04	7.29E-04	1.50E-04
4941	624343.41	4266189.47	0.0040557	1.39E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04	1.29E-04
4942	624334.65	4266185.67	0.0038805	1.33E-03	3.24E-03	9.99E-04	7.68E-04	2.56E-04	5.99E-04	1.23E-04
4943	624325.9	4266181.86	0.0037007	1.27E-03	3.09E-03	9.53E-04	7.33E-04	2.44E-04	5.71E-04	1.17E-04
4944	624313.62	4266169.18	0.0035252	1.21E-03	2.95E-03	9.08E-04	6.98E-04	2.32E-04	5.44E-04	1.12E-04
4945	624352.17	4266193.27	0.0042168	1.45E-03	3.52E-03	1.09E-03	8.35E-04	2.78E-04	6.51E-04	1.34E-04
4946	624362.06	4266193.45	0.004485	1.54E-03	3.75E-03	1.15E-03	8.88E-04	2.95E-04	6.92E-04	1.42E-04

4947	624371.95	4266193.63	0.0047602	1.64E-03	3.98E-03	1.23E-03	9.42E-04	3.14E-04	7.35E-04	1.51E-04
4948	624381.83	4266193.8	0.005052	1.74E-03	4.22E-03	1.30E-03	1.00E-03	3.33E-04	7.80E-04	1.60E-04
4949	624391.72	4266193.98	0.0053681	1.85E-03	4.49E-03	1.38E-03	1.06E-03	3.54E-04	8.28E-04	1.70E-04
4950	624401.61	4266194.16	0.0057046	1.96E-03	4.77E-03	1.47E-03	1.13E-03	3.76E-04	8.80E-04	1.81E-04
4951	624411.5	4266194.33	0.0060424	2.08E-03	5.05E-03	1.56E-03	1.20E-03	3.98E-04	9.32E-04	1.92E-04
4952	624421.39	4266194.51	0.0063445	2.18E-03	5.30E-03	1.63E-03	1.26E-03	4.18E-04	9.79E-04	2.01E-04
4953	624451.06	4266195.04	0.0069639	2.39E-03	5.82E-03	1.79E-03	1.38E-03	4.59E-04	1.07E-03	2.21E-04
4954	624460.95	4266195.21	0.0071534	2.46E-03	5.98E-03	1.84E-03	1.42E-03	4.71E-04	1.10E-03	2.27E-04
4955	624470.84	4266195.39	0.0073526	2.53E-03	6.15E-03	1.89E-03	1.46E-03	4.84E-04	1.13E-03	2.33E-04
4956	624480.73	4266195.57	0.0075368	2.59E-03	6.30E-03	1.94E-03	1.49E-03	4.97E-04	1.16E-03	2.39E-04
4957	624490.62	4266195.74	0.0076744	2.64E-03	6.41E-03	1.98E-03	1.52E-03	5.06E-04	1.18E-03	2.44E-04
4958	624500.51	4266195.92	0.0077592	2.67E-03	6.49E-03	2.00E-03	1.54E-03	5.11E-04	1.20E-03	2.46E-04
4959	624510.39	4266196.1	0.00782	2.69E-03	6.54E-03	2.01E-03	1.55E-03	5.15E-04	1.21E-03	2.48E-04
4960	624668.62	4266198.92	0.0079596	2.74E-03	6.65E-03	2.05E-03	1.58E-03	5.24E-04	1.23E-03	2.53E-04
4961	624678.51	4266199.1	0.0079018	2.72E-03	6.60E-03	2.03E-03	1.56E-03	5.21E-04	1.22E-03	2.51E-04
4962	624688.4	4266199.28	0.0077989	2.68E-03	6.52E-03	2.01E-03	1.54E-03	5.14E-04	1.20E-03	2.48E-04
4963	624698.29	4266199.45	0.0076659	2.64E-03	6.41E-03	1.97E-03	1.52E-03	5.05E-04	1.18E-03	2.43E-04
4964	624708.18	4266199.63	0.0075337	2.59E-03	6.30E-03	1.94E-03	1.49E-03	4.96E-04	1.16E-03	2.39E-04
4965	624718.07	4266199.81	0.0074347	2.56E-03	6.21E-03	1.91E-03	1.47E-03	4.90E-04	1.15E-03	2.36E-04
4966	624747.74	4266200.34	0.0072299	2.49E-03	6.04E-03	1.86E-03	1.43E-03	4.76E-04	1.12E-03	2.29E-04
4967	624757.62	4266200.51	0.0070664	2.43E-03	5.91E-03	1.82E-03	1.40E-03	4.66E-04	1.09E-03	2.24E-04
4968	624767.51	4266200.69	0.0068482	2.35E-03	5.72E-03	1.76E-03	1.36E-03	4.51E-04	1.06E-03	2.17E-04
4969	624777.4	4266200.87	0.0066185	2.28E-03	5.53E-03	1.70E-03	1.31E-03	4.36E-04	1.02E-03	2.10E-04
4970	624787.29	4266201.04	0.0064015	2.20E-03	5.35E-03	1.65E-03	1.27E-03	4.22E-04	9.88E-04	2.03E-04
4971	624797.18	4266201.22	0.0061856	2.13E-03	5.17E-03	1.59E-03	1.22E-03	4.08E-04	9.54E-04	1.96E-04
4972	624807.07	4266201.4	0.0059324	2.04E-03	4.96E-03	1.53E-03	1.17E-03	3.91E-04	9.15E-04	1.88E-04
4973	624816.96	4266201.57	0.0056183	1.93E-03	4.70E-03	1.45E-03	1.11E-03	3.70E-04	8.67E-04	1.78E-04
4974	624826.85	4266201.75	0.0052555	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.11E-04	1.67E-04
4975	624836.74	4266201.93	0.0048749	1.68E-03	4.07E-03	1.26E-03	9.65E-04	3.21E-04	7.52E-04	1.55E-04
4976	624846.63	4266202.1	0.0045032	1.55E-03	3.76E-03	1.16E-03	8.91E-04	2.97E-04	6.95E-04	1.43E-04
4977	624326.77	4266192.32	0.0035832	1.23E-03	3.00E-03	9.22E-04	7.09E-04	2.36E-04	5.53E-04	1.14E-04
4978	624318.36	4266188.67	0.0034339	1.18E-03	2.87E-03	8.84E-04	6.80E-04	2.26E-04	5.30E-04	1.09E-04
4979	624306.58	4266176.49	0.00329	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.08E-04	1.04E-04
4980	624303.2	4266167.97	0.0032853	1.13E-03	2.75E-03	8.46E-04	6.50E-04	2.16E-04	5.07E-04	1.04E-04
4981	624450.88	4266205.04	0.0063766	2.19E-03	5.33E-03	1.64E-03	1.26E-03	4.20E-04	9.84E-04	2.02E-04
4982	624460.77	4266205.21	0.0065493	2.25E-03	5.47E-03	1.69E-03	1.30E-03	4.32E-04	1.01E-03	2.08E-04
4983	624470.66	4266205.39	0.0067222	2.31E-03	5.62E-03	1.73E-03	1.33E-03	4.43E-04	1.04E-03	2.13E-04
4984	624480.55	4266205.57	0.0068834	2.37E-03	5.75E-03	1.77E-03	1.36E-03	4.54E-04	1.06E-03	2.18E-04
4985	624490.44	4266205.74	0.007013	2.41E-03	5.86E-03	1.81E-03	1.39E-03	4.62E-04	1.08E-03	2.23E-04
4986	624500.33	4266205.92	0.0071055	2.44E-03	5.94E-03	1.83E-03	1.41E-03	4.68E-04	1.10E-03	2.26E-04
4987	624668.44	4266208.92	0.0073075	2.51E-03	6.11E-03	1.88E-03	1.45E-03	4.81E-04	1.13E-03	2.32E-04
4988	624678.33	4266209.1	0.0072552	2.49E-03	6.06E-03	1.87E-03	1.44E-03	4.78E-04	1.12E-03	2.30E-04
4989	624688.22	4266209.27	0.0071695	2.47E-03	5.99E-03	1.85E-03	1.42E-03	4.72E-04	1.11E-03	2.28E-04
4990	624698.11	4266209.45	0.0070566	2.43E-03	5.90E-03	1.82E-03	1.40E-03	4.65E-04	1.09E-03	2.24E-04
4991	624708	4266209.63	0.0069397	2.39E-03	5.80E-03	1.79E-03	1.37E-03	4.57E-04	1.07E-03	2.20E-04
4992	624717.89	4266209.8	0.006838	2.35E-03	5.72E-03	1.76E-03	1.35E-03	4.51E-04	1.06E-03	2.17E-04
4993	624343.64	4266209.72	0.0036863	1.27E-03	3.08E-03	9.49E-04	7.30E-04	2.43E-04	5.69E-04	1.17E-04
4994	624299.49	4266183.69	0.0030832	1.06E-03	2.58E-03	7.94E-04	6.10E-04	2.03E-04	4.76E-04	9.78E-05
4995	624292.92	4266167.12	0.0030722	1.06E-03	2.57E-03	7.91E-04	6.08E-04	2.02E-04	4.74E-04	9.75E-05
4996	624351.81	4266213.27	0.0037844	1.30E-03	3.16E-03	9.74E-04	7.49E-04	2.49E-04	5.84E-04	1.20E-04
4997	624361.7	4266213.45	0.0039786	1.37E-03	3.33E-03	1.02E-03	7.88E-04	2.62E-04	6.14E-04	1.26E-04
4998	624371.59	4266213.62	0.0041811	1.44E-03	3.49E-03	1.08E-03	8.28E-04	2.75E-04	6.45E-04	1.33E-04
4999	624381.48	4266213.8	0.0043949	1.51E-03	3.67E-03	1.13E-03	8.70E-04	2.90E-04	6.78E-04	1.39E-04
5000	624391.37	4266213.98	0.0046199	1.59E-03	3.86E-03	1.19E-03	9.14E-04	3.04E-04	7.13E-04	1.47E-04
5001	624401.26	4266214.15	0.0048544	1.67E-03	4.06E-03	1.25E-03	9.61E-04	3.20E-04	7.49E-04	1.54E-04

5002	624411.15	4266214.33	0.0050908	1.75E-03	4.26E-03	1.31E-03	1.01E-03	3.35E-04	7.86E-04	1.62E-04
5003	624421.03	4266214.51	0.0053155	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.20E-04	1.69E-04
5004	624450.7	4266215.03	0.0058678	2.02E-03	4.90E-03	1.51E-03	1.16E-03	3.87E-04	9.05E-04	1.86E-04
5005	624460.59	4266215.21	0.0060257	2.07E-03	5.04E-03	1.55E-03	1.19E-03	3.97E-04	9.30E-04	1.91E-04
5006	624470.48	4266215.39	0.0061788	2.12E-03	5.16E-03	1.59E-03	1.22E-03	4.07E-04	9.53E-04	1.96E-04
5007	624480.37	4266215.56	0.0063215	2.17E-03	5.28E-03	1.63E-03	1.25E-03	4.17E-04	9.75E-04	2.01E-04
5008	624490.26	4266215.74	0.0064413	2.22E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.94E-04	2.04E-04
5009	624500.15	4266215.92	0.0065363	2.25E-03	5.46E-03	1.68E-03	1.29E-03	4.31E-04	1.01E-03	2.07E-04
5010	624529.82	4266216.45	0.0067557	2.32E-03	5.65E-03	1.74E-03	1.34E-03	4.45E-04	1.04E-03	2.14E-04
5011	624539.7	4266216.62	0.006825	2.35E-03	5.70E-03	1.76E-03	1.35E-03	4.50E-04	1.05E-03	2.17E-04
5012	624549.59	4266216.8	0.0068826	2.37E-03	5.75E-03	1.77E-03	1.36E-03	4.53E-04	1.06E-03	2.18E-04
5013	624559.48	4266216.98	0.0069203	2.38E-03	5.78E-03	1.78E-03	1.37E-03	4.56E-04	1.07E-03	2.20E-04
5014	624569.37	4266217.15	0.0069412	2.39E-03	5.80E-03	1.79E-03	1.37E-03	4.57E-04	1.07E-03	2.20E-04
5015	624579.26	4266217.33	0.0069515	2.39E-03	5.81E-03	1.79E-03	1.38E-03	4.58E-04	1.07E-03	2.21E-04
5016	624589.15	4266217.51	0.0069592	2.39E-03	5.82E-03	1.79E-03	1.38E-03	4.59E-04	1.07E-03	2.21E-04
5017	624599.04	4266217.68	0.0069672	2.40E-03	5.82E-03	1.79E-03	1.38E-03	4.59E-04	1.08E-03	2.21E-04
5018	624608.93	4266217.86	0.0069659	2.40E-03	5.82E-03	1.79E-03	1.38E-03	4.59E-04	1.07E-03	2.21E-04
5019	624618.82	4266218.04	0.0069459	2.39E-03	5.81E-03	1.79E-03	1.37E-03	4.58E-04	1.07E-03	2.20E-04
5020	624668.26	4266218.92	0.0067433	2.32E-03	5.64E-03	1.74E-03	1.33E-03	4.44E-04	1.04E-03	2.14E-04
5021	624678.15	4266219.1	0.0066914	2.30E-03	5.59E-03	1.72E-03	1.32E-03	4.41E-04	1.03E-03	2.12E-04
5022	624688.04	4266219.27	0.0066155	2.27E-03	5.53E-03	1.70E-03	1.31E-03	4.36E-04	1.02E-03	2.10E-04
5023	624697.93	4266219.45	0.0065192	2.24E-03	5.45E-03	1.68E-03	1.29E-03	4.30E-04	1.01E-03	2.07E-04
5024	624707.82	4266219.63	0.0064161	2.21E-03	5.36E-03	1.65E-03	1.27E-03	4.23E-04	9.90E-04	2.04E-04
5025	624717.71	4266219.8	0.0063166	2.17E-03	5.28E-03	1.63E-03	1.25E-03	4.16E-04	9.75E-04	2.00E-04
5026	624343.62	4266219.79	0.0035152	1.21E-03	2.94E-03	9.05E-04	6.96E-04	2.32E-04	5.42E-04	1.12E-04
5027	624327.61	4266212.84	0.0033276	1.14E-03	2.78E-03	8.57E-04	6.59E-04	2.19E-04	5.13E-04	1.06E-04
5028	624292.37	4266190.81	0.0029	9.97E-04	2.42E-03	7.47E-04	5.74E-04	1.91E-04	4.47E-04	9.20E-05
5029	624289.15	4266182.7	0.0028988	9.97E-04	2.42E-03	7.46E-04	5.74E-04	1.91E-04	4.47E-04	9.20E-05
5030	624282.72	4266166.47	0.002882	9.91E-04	2.41E-03	7.42E-04	5.70E-04	1.90E-04	4.45E-04	9.15E-05
5031	624361.52	4266223.44	0.0037656	1.29E-03	3.15E-03	9.70E-04	7.45E-04	2.48E-04	5.81E-04	1.20E-04
5032	624371.41	4266223.62	0.0039427	1.36E-03	3.30E-03	1.02E-03	7.80E-04	2.60E-04	6.08E-04	1.25E-04
5033	624381.3	4266223.8	0.0041282	1.42E-03	3.45E-03	1.06E-03	8.17E-04	2.72E-04	6.37E-04	1.31E-04
5034	624391.19	4266223.97	0.0043208	1.49E-03	3.61E-03	1.11E-03	8.55E-04	2.85E-04	6.67E-04	1.37E-04
5035	624401.08	4266224.15	0.0045192	1.55E-03	3.78E-03	1.16E-03	8.95E-04	2.98E-04	6.97E-04	1.43E-04
5036	624410.97	4266224.33	0.00472	1.62E-03	3.95E-03	1.22E-03	9.34E-04	3.11E-04	7.28E-04	1.50E-04
5037	624420.86	4266224.5	0.0049159	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.59E-04	1.56E-04
5038	624450.52	4266225.03	0.0054238	1.87E-03	4.53E-03	1.40E-03	1.07E-03	3.57E-04	8.37E-04	1.72E-04
5039	624460.41	4266225.21	0.0055683	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.67E-04	8.59E-04	1.77E-04
5040	624470.3	4266225.39	0.0057053	1.96E-03	4.77E-03	1.47E-03	1.13E-03	3.76E-04	8.80E-04	1.81E-04
5041	624480.19	4266225.56	0.0058329	2.01E-03	4.88E-03	1.50E-03	1.15E-03	3.84E-04	9.00E-04	1.85E-04
5042	624490.08	4266225.74	0.0059446	2.04E-03	4.97E-03	1.53E-03	1.18E-03	3.92E-04	9.17E-04	1.89E-04
5043	624499.97	4266225.92	0.0060389	2.08E-03	5.05E-03	1.55E-03	1.20E-03	3.98E-04	9.32E-04	1.92E-04
5044	624529.64	4266226.45	0.0062498	2.15E-03	5.22E-03	1.61E-03	1.24E-03	4.12E-04	9.64E-04	1.98E-04
5045	624539.53	4266226.62	0.0063088	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.16E-04	9.73E-04	2.00E-04
5046	624549.42	4266226.8	0.0063595	2.19E-03	5.32E-03	1.64E-03	1.26E-03	4.19E-04	9.81E-04	2.02E-04
5047	624559.3	4266226.98	0.0063979	2.20E-03	5.35E-03	1.65E-03	1.27E-03	4.22E-04	9.87E-04	2.03E-04
5048	624569.19	4266227.15	0.0064235	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.91E-04	2.04E-04
5049	624579.08	4266227.33	0.0064374	2.21E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.93E-04	2.04E-04
5050	624588.97	4266227.51	0.0064444	2.22E-03	5.39E-03	1.66E-03	1.28E-03	4.25E-04	9.94E-04	2.05E-04
5051	624598.86	4266227.68	0.0064481	2.22E-03	5.39E-03	1.66E-03	1.28E-03	4.25E-04	9.95E-04	2.05E-04
5052	624608.75	4266227.86	0.0064444	2.22E-03	5.39E-03	1.66E-03	1.28E-03	4.25E-04	9.94E-04	2.05E-04
5053	624618.64	4266228.04	0.0064294	2.21E-03	5.37E-03	1.66E-03	1.27E-03	4.24E-04	9.92E-04	2.04E-04
5054	624628.53	4266228.21	0.0064031	2.20E-03	5.35E-03	1.65E-03	1.27E-03	4.22E-04	9.88E-04	2.03E-04
5055	624638.42	4266228.39	0.0063675	2.19E-03	5.32E-03	1.64E-03	1.26E-03	4.20E-04	9.83E-04	2.02E-04
5056	624668.09	4266228.92	0.0062489	2.15E-03	5.22E-03	1.61E-03	1.24E-03	4.12E-04	9.64E-04	1.98E-04

5057	624677.98	4266229.1	0.0061972	2.13E-03	5.18E-03	1.60E-03	1.23E-03	4.08E-04	9.56E-04	1.97E-04
5058	624687.86	4266229.27	0.0061288	2.11E-03	5.12E-03	1.58E-03	1.21E-03	4.04E-04	9.46E-04	1.95E-04
5059	624697.75	4266229.45	0.006045	2.08E-03	5.05E-03	1.56E-03	1.20E-03	3.98E-04	9.33E-04	1.92E-04
5060	624707.64	4266229.62	0.0059531	2.05E-03	4.98E-03	1.53E-03	1.18E-03	3.92E-04	9.19E-04	1.89E-04
5061	624717.53	4266229.8	0.0058573	2.01E-03	4.90E-03	1.51E-03	1.16E-03	3.86E-04	9.04E-04	1.86E-04
5062	624747.2	4266230.33	0.0055592	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04	1.76E-04
5063	624757.09	4266230.51	0.0054384	1.87E-03	4.55E-03	1.40E-03	1.08E-03	3.58E-04	8.39E-04	1.73E-04
5064	624766.98	4266230.68	0.0053019	1.82E-03	4.43E-03	1.37E-03	1.05E-03	3.49E-04	8.18E-04	1.68E-04
5065	624776.87	4266230.86	0.0051525	1.77E-03	4.31E-03	1.33E-03	1.02E-03	3.39E-04	7.95E-04	1.64E-04
5066	624786.76	4266231.04	0.0049967	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04	1.59E-04
5067	624796.65	4266231.21	0.004839	1.66E-03	4.04E-03	1.25E-03	9.58E-04	3.19E-04	7.47E-04	1.54E-04
5068	624806.53	4266231.39	0.0046751	1.61E-03	3.91E-03	1.20E-03	9.25E-04	3.08E-04	7.21E-04	1.48E-04
5069	624816.42	4266231.57	0.0044968	1.55E-03	3.76E-03	1.16E-03	8.90E-04	2.96E-04	6.94E-04	1.43E-04
5070	624826.31	4266231.74	0.0043007	1.48E-03	3.59E-03	1.11E-03	8.51E-04	2.83E-04	6.64E-04	1.36E-04
5071	624836.2	4266231.92	0.0040892	1.41E-03	3.42E-03	1.05E-03	8.09E-04	2.69E-04	6.31E-04	1.30E-04
5072	624846.09	4266232.1	0.0038693	1.33E-03	3.23E-03	9.96E-04	7.66E-04	2.55E-04	5.97E-04	1.23E-04
5073	624342.45	4266229.35	0.003345	1.15E-03	2.80E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04	1.06E-04
5074	624333.44	4266225.44	0.0032593	1.12E-03	2.72E-03	8.39E-04	6.45E-04	2.15E-04	5.03E-04	1.03E-04
5075	624324.43	4266221.53	0.0031633	1.09E-03	2.64E-03	8.14E-04	6.26E-04	2.08E-04	4.88E-04	1.00E-04
5076	624315.42	4266217.62	0.0030596	1.05E-03	2.56E-03	7.88E-04	6.06E-04	2.02E-04	4.72E-04	9.71E-05
5077	624306.42	4266213.71	0.0029514	1.01E-03	2.47E-03	7.60E-04	5.84E-04	1.94E-04	4.55E-04	9.37E-05
5078	624297.41	4266209.79	0.0028414	9.77E-04	2.37E-03	7.32E-04	5.62E-04	1.87E-04	4.38E-04	9.02E-05
5079	624281.16	4266187.62	0.0027352	9.41E-04	2.29E-03	7.04E-04	5.41E-04	1.80E-04	4.22E-04	8.68E-05
5080	624277.54	4266178.5	0.0027285	9.38E-04	2.28E-03	7.03E-04	5.40E-04	1.80E-04	4.21E-04	8.66E-05
5081	624273.93	4266169.37	0.0027171	9.34E-04	2.27E-03	7.00E-04	5.38E-04	1.79E-04	4.19E-04	8.62E-05
5082	624351.45	4266233.27	0.0034215	1.18E-03	2.86E-03	8.81E-04	6.77E-04	2.25E-04	5.28E-04	1.09E-04
5083	624361.34	4266233.44	0.003572	1.23E-03	2.99E-03	9.20E-04	7.07E-04	2.35E-04	5.51E-04	1.13E-04
5084	624371.23	4266233.62	0.0037282	1.28E-03	3.12E-03	9.60E-04	7.38E-04	2.46E-04	5.75E-04	1.18E-04
5085	624381.12	4266233.8	0.0038893	1.34E-03	3.25E-03	1.00E-03	7.70E-04	2.56E-04	6.00E-04	1.23E-04
5086	624391.01	4266233.97	0.0040551	1.39E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04	1.29E-04
5087	624400.9	4266234.15	0.0042247	1.45E-03	3.53E-03	1.09E-03	8.36E-04	2.78E-04	6.52E-04	1.34E-04
5088	624410.79	4266234.33	0.0043972	1.51E-03	3.68E-03	1.13E-03	8.70E-04	2.90E-04	6.79E-04	1.40E-04
5089	624420.68	4266234.5	0.0045688	1.57E-03	3.82E-03	1.18E-03	9.04E-04	3.01E-04	7.05E-04	1.45E-04
5090	624450.35	4266235.03	0.0050317	1.73E-03	4.21E-03	1.30E-03	9.96E-04	3.32E-04	7.76E-04	1.60E-04
5091	624460.23	4266235.21	0.0051646	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.40E-04	7.97E-04	1.64E-04
5092	624470.12	4266235.38	0.0052897	1.82E-03	4.42E-03	1.36E-03	1.05E-03	3.49E-04	8.16E-04	1.68E-04
5093	624480.01	4266235.56	0.0054054	1.86E-03	4.52E-03	1.39E-03	1.07E-03	3.56E-04	8.34E-04	1.72E-04
5094	624489.9	4266235.74	0.0055098	1.89E-03	4.61E-03	1.42E-03	1.09E-03	3.63E-04	8.50E-04	1.75E-04
5095	624499.79	4266235.91	0.0056016	1.93E-03	4.68E-03	1.44E-03	1.11E-03	3.69E-04	8.64E-04	1.78E-04
5096	624529.46	4266236.44	0.0058023	2.00E-03	4.85E-03	1.49E-03	1.15E-03	3.82E-04	8.95E-04	1.84E-04
5097	624539.35	4266236.62	0.0058544	2.01E-03	4.89E-03	1.51E-03	1.16E-03	3.86E-04	9.03E-04	1.86E-04
5098	624549.24	4266236.8	0.005901	2.03E-03	4.93E-03	1.52E-03	1.17E-03	3.89E-04	9.11E-04	1.87E-04
5099	624559.13	4266236.97	0.0059396	2.04E-03	4.96E-03	1.53E-03	1.18E-03	3.91E-04	9.17E-04	1.89E-04
5100	624569.02	4266237.15	0.0059664	2.05E-03	4.99E-03	1.54E-03	1.18E-03	3.93E-04	9.21E-04	1.89E-04
5101	624578.9	4266237.33	0.0059817	2.06E-03	5.00E-03	1.54E-03	1.18E-03	3.94E-04	9.23E-04	1.90E-04
5102	624588.79	4266237.5	0.0059888	2.06E-03	5.01E-03	1.54E-03	1.19E-03	3.95E-04	9.24E-04	1.90E-04
5103	624598.68	4266237.68	0.0059903	2.06E-03	5.01E-03	1.54E-03	1.19E-03	3.95E-04	9.24E-04	1.90E-04
5104	624608.57	4266237.86	0.0059867	2.06E-03	5.00E-03	1.54E-03	1.19E-03	3.94E-04	9.24E-04	1.90E-04
5105	624618.46	4266238.03	0.0059762	2.06E-03	5.00E-03	1.54E-03	1.18E-03	3.94E-04	9.22E-04	1.90E-04
5106	624628.35	4266238.21	0.0059563	2.05E-03	4.98E-03	1.53E-03	1.18E-03	3.92E-04	9.19E-04	1.89E-04
5107	624638.24	4266238.39	0.0059271	2.04E-03	4.95E-03	1.53E-03	1.17E-03	3.91E-04	9.15E-04	1.88E-04
5108	624667.91	4266238.92	0.0058117	2.00E-03	4.86E-03	1.50E-03	1.15E-03	3.83E-04	8.97E-04	1.84E-04
5109	624677.8	4266239.09	0.0057618	1.98E-03	4.82E-03	1.48E-03	1.14E-03	3.80E-04	8.89E-04	1.83E-04
5110	624687.69	4266239.27	0.0056992	1.96E-03	4.76E-03	1.47E-03	1.13E-03	3.76E-04	8.79E-04	1.81E-04
5111	624697.58	4266239.45	0.0056248	1.93E-03	4.70E-03	1.45E-03	1.11E-03	3.71E-04	8.68E-04	1.79E-04

5112	624707.46	4266239.62	0.0055412	1.91E-03	4.63E-03	1.43E-03	1.10E-03	3.65E-04	8.55E-04	1.76E-04
5113	624717.35	4266239.8	0.0054501	1.87E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.41E-04	1.73E-04
5114	624747.02	4266240.33	0.0051571	1.77E-03	4.31E-03	1.33E-03	1.02E-03	3.40E-04	7.96E-04	1.64E-04
5115	624756.91	4266240.51	0.0050465	1.74E-03	4.22E-03	1.30E-03	9.99E-04	3.33E-04	7.79E-04	1.60E-04
5116	624766.8	4266240.68	0.0049252	1.69E-03	4.12E-03	1.27E-03	9.75E-04	3.24E-04	7.60E-04	1.56E-04
5117	624776.69	4266240.86	0.0047929	1.65E-03	4.01E-03	1.23E-03	9.49E-04	3.16E-04	7.40E-04	1.52E-04
5118	624786.58	4266241.04	0.0046543	1.60E-03	3.89E-03	1.20E-03	9.21E-04	3.07E-04	7.18E-04	1.48E-04
5119	624796.47	4266241.21	0.0045137	1.55E-03	3.77E-03	1.16E-03	8.93E-04	2.97E-04	6.96E-04	1.43E-04
5120	624806.36	4266241.39	0.0043688	1.50E-03	3.65E-03	1.12E-03	8.65E-04	2.88E-04	6.74E-04	1.39E-04
5121	624816.25	4266241.57	0.0042145	1.45E-03	3.52E-03	1.09E-03	8.34E-04	2.78E-04	6.50E-04	1.34E-04
5122	624826.13	4266241.74	0.0040474	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.25E-04	1.28E-04
5123	624836.02	4266241.92	0.0038676	1.33E-03	3.23E-03	9.96E-04	7.66E-04	2.55E-04	5.97E-04	1.23E-04
5124	624845.91	4266242.1	0.0036795	1.27E-03	3.08E-03	9.47E-04	7.28E-04	2.42E-04	5.68E-04	1.17E-04
5125	624342.52	4266239.46	0.0031977	1.10E-03	2.67E-03	8.23E-04	6.33E-04	2.11E-04	4.93E-04	1.01E-04
5126	624333.76	4266235.66	0.0031269	1.08E-03	2.61E-03	8.05E-04	6.19E-04	2.06E-04	4.82E-04	9.92E-05
5127	624325	4266231.85	0.0030485	1.05E-03	2.55E-03	7.85E-04	6.03E-04	2.01E-04	4.70E-04	9.67E-05
5128	624316.25	4266228.05	0.0029629	1.02E-03	2.48E-03	7.63E-04	5.86E-04	1.95E-04	4.57E-04	9.40E-05
5129	624307.49	4266224.25	0.0028714	9.87E-04	2.40E-03	7.39E-04	5.68E-04	1.89E-04	4.43E-04	9.11E-05
5130	624298.73	4266220.45	0.0027764	9.55E-04	2.32E-03	7.15E-04	5.50E-04	1.83E-04	4.28E-04	8.81E-05
5131	624289.97	4266216.64	0.0026803	9.22E-04	2.24E-03	6.90E-04	5.31E-04	1.77E-04	4.14E-04	8.51E-05
5132	624274.18	4266195.09	0.0025891	8.90E-04	2.16E-03	6.67E-04	5.12E-04	1.71E-04	4.00E-04	8.22E-05
5133	624270.66	4266186.21	0.0025844	8.89E-04	2.16E-03	6.65E-04	5.12E-04	1.70E-04	3.99E-04	8.20E-05
5134	624267.14	4266177.34	0.0025755	8.86E-04	2.15E-03	6.63E-04	5.10E-04	1.70E-04	3.97E-04	8.17E-05
5135	624263.62	4266168.46	0.0025627	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.95E-04	8.13E-05
5136	624351.27	4266243.26	0.0032622	1.12E-03	2.73E-03	8.40E-04	6.46E-04	2.15E-04	5.03E-04	1.04E-04
5137	624361.16	4266243.44	0.0033964	1.17E-03	2.84E-03	8.74E-04	6.72E-04	2.24E-04	5.24E-04	1.08E-04
5138	624371.05	4266243.62	0.0035345	1.22E-03	2.95E-03	9.10E-04	7.00E-04	2.33E-04	5.45E-04	1.12E-04
5139	624380.94	4266243.79	0.0036756	1.26E-03	3.07E-03	9.46E-04	7.28E-04	2.42E-04	5.67E-04	1.17E-04
5140	624390.83	4266243.97	0.003819	1.31E-03	3.19E-03	9.83E-04	7.56E-04	2.52E-04	5.89E-04	1.21E-04
5141	624400.72	4266244.15	0.0039656	1.36E-03	3.31E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04	1.26E-04
5142	624410.61	4266244.32	0.0041158	1.42E-03	3.44E-03	1.06E-03	8.15E-04	2.71E-04	6.35E-04	1.31E-04
5143	624420.5	4266244.5	0.0042671	1.47E-03	3.57E-03	1.10E-03	8.45E-04	2.81E-04	6.58E-04	1.35E-04
5144	624450.17	4266245.03	0.004686	1.61E-03	3.92E-03	1.21E-03	9.28E-04	3.09E-04	7.23E-04	1.49E-04
5145	624460.06	4266245.21	0.0048078	1.65E-03	4.02E-03	1.24E-03	9.52E-04	3.17E-04	7.42E-04	1.53E-04
5146	624469.94	4266245.38	0.0049225	1.69E-03	4.11E-03	1.27E-03	9.74E-04	3.24E-04	7.60E-04	1.56E-04
5147	624479.83	4266245.56	0.0050288	1.73E-03	4.20E-03	1.29E-03	9.95E-04	3.31E-04	7.76E-04	1.60E-04
5148	624489.72	4266245.74	0.0051264	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.38E-04	7.91E-04	1.63E-04
5149	624499.61	4266245.91	0.0052137	1.79E-03	4.36E-03	1.34E-03	1.03E-03	3.44E-04	8.05E-04	1.65E-04
5150	624529.28	4266246.44	0.0054035	1.86E-03	4.52E-03	1.39E-03	1.07E-03	3.56E-04	8.34E-04	1.71E-04
5151	624539.17	4266246.62	0.0054517	1.87E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.41E-04	1.73E-04
5152	624549.06	4266246.8	0.0054955	1.89E-03	4.59E-03	1.41E-03	1.09E-03	3.62E-04	8.48E-04	1.74E-04
5153	624558.95	4266246.97	0.005533	1.90E-03	4.62E-03	1.42E-03	1.10E-03	3.65E-04	8.54E-04	1.76E-04
5154	624568.84	4266247.15	0.0055598	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04	1.76E-04
5155	624578.73	4266247.33	0.0055754	1.92E-03	4.66E-03	1.44E-03	1.10E-03	3.67E-04	8.60E-04	1.77E-04
5156	624588.62	4266247.5	0.0055824	1.92E-03	4.67E-03	1.44E-03	1.10E-03	3.68E-04	8.61E-04	1.77E-04
5157	624598.5	4266247.68	0.0055838	1.92E-03	4.67E-03	1.44E-03	1.11E-03	3.68E-04	8.62E-04	1.77E-04
5158	624608.39	4266247.86	0.0055813	1.92E-03	4.67E-03	1.44E-03	1.10E-03	3.68E-04	8.61E-04	1.77E-04
5159	624618.28	4266248.03	0.005574	1.92E-03	4.66E-03	1.44E-03	1.10E-03	3.67E-04	8.60E-04	1.77E-04
5160	624628.17	4266248.21	0.0055584	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04	1.76E-04
5161	624638.06	4266248.39	0.0055334	1.90E-03	4.63E-03	1.42E-03	1.10E-03	3.65E-04	8.54E-04	1.76E-04
5162	624667.73	4266248.92	0.0054223	1.86E-03	4.53E-03	1.40E-03	1.07E-03	3.57E-04	8.37E-04	1.72E-04
5163	624677.62	4266249.09	0.0053746	1.85E-03	4.49E-03	1.38E-03	1.06E-03	3.54E-04	8.29E-04	1.71E-04
5164	624687.51	4266249.27	0.0053176	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.21E-04	1.69E-04
5165	624697.4	4266249.45	0.0052503	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.10E-04	1.67E-04
5166	624707.29	4266249.62	0.0051732	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.41E-04	7.98E-04	1.64E-04

5167	624717.17	4266249.8	0.0050872	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.85E-04	1.61E-04
5168	624746.84	4266250.33	0.0048072	1.65E-03	4.02E-03	1.24E-03	9.52E-04	3.17E-04	7.42E-04	1.53E-04
5169	624756.73	4266250.5	0.0047065	1.62E-03	3.93E-03	1.21E-03	9.32E-04	3.10E-04	7.26E-04	1.49E-04
5170	624766.62	4266250.68	0.004597	1.58E-03	3.84E-03	1.18E-03	9.10E-04	3.03E-04	7.09E-04	1.46E-04
5171	624776.51	4266250.86	0.0044787	1.54E-03	3.74E-03	1.15E-03	8.87E-04	2.95E-04	6.91E-04	1.42E-04
5172	624786.4	4266251.03	0.0043551	1.50E-03	3.64E-03	1.12E-03	8.62E-04	2.87E-04	6.72E-04	1.38E-04
5173	624796.29	4266251.21	0.004229	1.45E-03	3.53E-03	1.09E-03	8.37E-04	2.79E-04	6.53E-04	1.34E-04
5174	624806.18	4266251.39	0.0041002	1.41E-03	3.43E-03	1.06E-03	8.12E-04	2.70E-04	6.33E-04	1.30E-04
5175	624816.07	4266251.56	0.0039652	1.36E-03	3.31E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04	1.26E-04
5176	624825.96	4266251.74	0.0038202	1.31E-03	3.19E-03	9.84E-04	7.56E-04	2.52E-04	5.89E-04	1.21E-04
5177	624835.85	4266251.92	0.0036652	1.26E-03	3.06E-03	9.44E-04	7.25E-04	2.41E-04	5.66E-04	1.16E-04
5178	624845.73	4266252.09	0.003503	1.20E-03	2.93E-03	9.02E-04	6.93E-04	2.31E-04	5.41E-04	1.11E-04
5179	624342.07	4266264.46	0.0028716	9.87E-04	2.40E-03	7.39E-04	5.68E-04	1.89E-04	4.43E-04	9.11E-05
5180	624333.31	4266260.65	0.0028204	9.70E-04	2.36E-03	7.26E-04	5.58E-04	1.86E-04	4.35E-04	8.95E-05
5181	624324.56	4266256.85	0.0027651	9.51E-04	2.31E-03	7.12E-04	5.47E-04	1.82E-04	4.27E-04	8.78E-05
5182	624315.8	4266253.05	0.0027049	9.30E-04	2.26E-03	6.96E-04	5.35E-04	1.78E-04	4.17E-04	8.58E-05
5183	624307.04	4266249.24	0.0026399	9.08E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.07E-04	8.38E-05
5184	624298.28	4266245.44	0.0025704	8.84E-04	2.15E-03	6.62E-04	5.09E-04	1.69E-04	3.97E-04	8.16E-05
5185	624289.53	4266241.64	0.0024979	8.59E-04	2.09E-03	6.43E-04	4.94E-04	1.65E-04	3.85E-04	7.93E-05
5186	624280.77	4266237.83	0.0024233	8.33E-04	2.03E-03	6.24E-04	4.80E-04	1.60E-04	3.74E-04	7.69E-05
5187	624272.01	4266234.03	0.0023483	8.08E-04	1.96E-03	6.05E-04	4.65E-04	1.55E-04	3.62E-04	7.45E-05
5188	624259.74	4266221.35	0.0022782	7.83E-04	1.90E-03	5.87E-04	4.51E-04	1.50E-04	3.52E-04	7.23E-05
5189	624256.22	4266212.48	0.002279	7.84E-04	1.90E-03	5.87E-04	4.51E-04	1.50E-04	3.52E-04	7.23E-05
5190	624249.18	4266194.73	0.0022717	7.81E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04	7.21E-05
5191	624245.66	4266185.85	0.0022634	7.78E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04	7.18E-05
5192	624242.15	4266176.97	0.0022522	7.74E-04	1.88E-03	5.80E-04	4.46E-04	1.48E-04	3.48E-04	7.15E-05
5193	624238.63	4266168.1	0.0022376	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04	7.10E-05
5194	624350.83	4266268.26	0.0029194	1.00E-03	2.44E-03	7.52E-04	5.78E-04	1.92E-04	4.50E-04	9.27E-05
5195	624360.72	4266268.44	0.0030219	1.04E-03	2.53E-03	7.78E-04	5.98E-04	1.99E-04	4.66E-04	9.59E-05
5196	624370.61	4266268.61	0.0031252	1.07E-03	2.61E-03	8.05E-04	6.19E-04	2.06E-04	4.82E-04	9.92E-05
5197	624380.5	4266268.79	0.0032284	1.11E-03	2.70E-03	8.31E-04	6.39E-04	2.13E-04	4.98E-04	1.02E-04
5198	624390.38	4266268.97	0.0033323	1.15E-03	2.79E-03	8.58E-04	6.60E-04	2.20E-04	5.14E-04	1.06E-04
5199	624400.27	4266269.14	0.0034392	1.18E-03	2.87E-03	8.86E-04	6.81E-04	2.27E-04	5.31E-04	1.09E-04
5200	624410.16	4266269.32	0.0035497	1.22E-03	2.97E-03	9.14E-04	7.03E-04	2.34E-04	5.48E-04	1.13E-04
5201	624420.05	4266269.5	0.0036628	1.26E-03	3.06E-03	9.43E-04	7.25E-04	2.41E-04	5.65E-04	1.16E-04
5202	624449.72	4266270.03	0.0039833	1.37E-03	3.33E-03	1.03E-03	7.88E-04	2.62E-04	6.15E-04	1.26E-04
5203	624459.61	4266270.2	0.0040788	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04	1.29E-04
5204	624469.5	4266270.38	0.0041697	1.43E-03	3.49E-03	1.07E-03	8.25E-04	2.75E-04	6.43E-04	1.32E-04
5205	624479.39	4266270.56	0.004256	1.46E-03	3.56E-03	1.10E-03	8.42E-04	2.80E-04	6.57E-04	1.35E-04
5206	624489.28	4266270.73	0.0043368	1.49E-03	3.62E-03	1.12E-03	8.58E-04	2.86E-04	6.69E-04	1.38E-04
5207	624499.17	4266270.91	0.0044099	1.52E-03	3.69E-03	1.14E-03	8.73E-04	2.91E-04	6.80E-04	1.40E-04
5208	624528.83	4266271.44	0.0045734	1.57E-03	3.82E-03	1.18E-03	9.05E-04	3.01E-04	7.06E-04	1.45E-04
5209	624538.72	4266271.62	0.0046155	1.59E-03	3.86E-03	1.19E-03	9.14E-04	3.04E-04	7.12E-04	1.46E-04
5210	624548.61	4266271.79	0.0046537	1.60E-03	3.89E-03	1.20E-03	9.21E-04	3.07E-04	7.18E-04	1.48E-04
5211	624558.5	4266271.97	0.0046859	1.61E-03	3.92E-03	1.21E-03	9.28E-04	3.09E-04	7.23E-04	1.49E-04
5212	624568.39	4266272.15	0.0047097	1.62E-03	3.94E-03	1.21E-03	9.32E-04	3.10E-04	7.27E-04	1.49E-04
5213	624578.28	4266272.32	0.004725	1.62E-03	3.95E-03	1.22E-03	9.35E-04	3.11E-04	7.29E-04	1.50E-04
5214	624588.17	4266272.5	0.004733	1.63E-03	3.96E-03	1.22E-03	9.37E-04	3.12E-04	7.30E-04	1.50E-04
5215	624598.06	4266272.68	0.0047365	1.63E-03	3.96E-03	1.22E-03	9.38E-04	3.12E-04	7.31E-04	1.50E-04
5216	624607.95	4266272.85	0.0047375	1.63E-03	3.96E-03	1.22E-03	9.38E-04	3.12E-04	7.31E-04	1.50E-04
5217	624617.84	4266273.03	0.0047337	1.63E-03	3.96E-03	1.22E-03	9.37E-04	3.12E-04	7.30E-04	1.50E-04
5218	624627.73	4266273.2	0.0047231	1.62E-03	3.95E-03	1.22E-03	9.35E-04	3.11E-04	7.29E-04	1.50E-04
5219	624637.61	4266273.38	0.0047038	1.62E-03	3.93E-03	1.21E-03	9.31E-04	3.10E-04	7.26E-04	1.49E-04
5220	624667.28	4266273.91	0.0046107	1.59E-03	3.85E-03	1.19E-03	9.13E-04	3.04E-04	7.11E-04	1.46E-04
5221	624677.17	4266274.09	0.0045719	1.57E-03	3.82E-03	1.18E-03	9.05E-04	3.01E-04	7.05E-04	1.45E-04

5222	624687.06	4266274.26	0.0045269	1.56E-03	3.78E-03	1.17E-03	8.96E-04	2.98E-04	6.99E-04	1.44E-04
5223	624696.95	4266274.44	0.004472	1.54E-03	3.74E-03	1.15E-03	8.85E-04	2.95E-04	6.90E-04	1.42E-04
5224	624706.84	4266274.62	0.0044078	1.52E-03	3.68E-03	1.13E-03	8.72E-04	2.90E-04	6.80E-04	1.40E-04
5225	624716.73	4266274.79	0.0043357	1.49E-03	3.62E-03	1.12E-03	8.58E-04	2.86E-04	6.69E-04	1.38E-04
5226	624746.4	4266275.32	0.0041015	1.41E-03	3.43E-03	1.06E-03	8.12E-04	2.70E-04	6.33E-04	1.30E-04
5227	624756.29	4266275.5	0.00402	1.38E-03	3.36E-03	1.04E-03	7.96E-04	2.65E-04	6.20E-04	1.28E-04
5228	624766.17	4266275.68	0.0039337	1.35E-03	3.29E-03	1.01E-03	7.79E-04	2.59E-04	6.07E-04	1.25E-04
5229	624776.06	4266275.85	0.0038422	1.32E-03	3.21E-03	9.89E-04	7.61E-04	2.53E-04	5.93E-04	1.22E-04
5230	624785.95	4266276.03	0.0037468	1.29E-03	3.13E-03	9.65E-04	7.42E-04	2.47E-04	5.78E-04	1.19E-04
5231	624795.84	4266276.21	0.0036497	1.26E-03	3.05E-03	9.40E-04	7.22E-04	2.40E-04	5.63E-04	1.16E-04
5232	624805.73	4266276.38	0.0035514	1.22E-03	2.97E-03	9.14E-04	7.03E-04	2.34E-04	5.48E-04	1.13E-04
5233	624815.62	4266276.56	0.0034501	1.19E-03	2.88E-03	8.88E-04	6.83E-04	2.27E-04	5.32E-04	1.09E-04
5234	624825.51	4266276.74	0.0033441	1.15E-03	2.80E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04	1.06E-04
5235	624835.4	4266276.91	0.0032325	1.11E-03	2.70E-03	8.32E-04	6.40E-04	2.13E-04	4.99E-04	1.03E-04
5236	624845.29	4266277.09	0.0031151	1.07E-03	2.60E-03	8.02E-04	6.17E-04	2.05E-04	4.81E-04	9.89E-05
5237	624315.35	4266278.04	0.0024768	8.52E-04	2.07E-03	6.38E-04	4.90E-04	1.63E-04	3.82E-04	7.86E-05
5238	624306.6	4266274.24	0.0024289	8.35E-04	2.03E-03	6.25E-04	4.81E-04	1.60E-04	3.75E-04	7.71E-05
5239	624297.84	4266270.44	0.0023772	8.17E-04	1.99E-03	6.12E-04	4.71E-04	1.57E-04	3.67E-04	7.54E-05
5240	624289.08	4266266.63	0.0023222	7.99E-04	1.94E-03	5.98E-04	4.60E-04	1.53E-04	3.58E-04	7.37E-05
5241	624280.32	4266262.83	0.0022644	7.79E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04	7.19E-05
5242	624271.57	4266259.03	0.0022048	7.58E-04	1.84E-03	5.68E-04	4.36E-04	1.45E-04	3.40E-04	7.00E-05
5243	624262.81	4266255.22	0.0021442	7.37E-04	1.79E-03	5.52E-04	4.24E-04	1.41E-04	3.31E-04	6.80E-05
5244	624254.05	4266251.42	0.0020834	7.16E-04	1.74E-03	5.36E-04	4.12E-04	1.37E-04	3.21E-04	6.61E-05
5245	624241.78	4266238.74	0.002027	6.97E-04	1.69E-03	5.22E-04	4.01E-04	1.34E-04	3.13E-04	6.43E-05
5246	624238.26	4266229.87	0.0020285	6.98E-04	1.70E-03	5.22E-04	4.02E-04	1.34E-04	3.13E-04	6.44E-05
5247	624234.74	4266220.99	0.0020277	6.97E-04	1.69E-03	5.22E-04	4.01E-04	1.34E-04	3.13E-04	6.44E-05
5248	624231.22	4266212.12	0.002025	6.96E-04	1.69E-03	5.21E-04	4.01E-04	1.33E-04	3.12E-04	6.43E-05
5249	624227.7	4266203.24	0.0020201	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
5250	624224.18	4266194.36	0.002013	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.11E-04	6.39E-05
5251	624220.67	4266185.49	0.0020029	6.89E-04	1.67E-03	5.16E-04	3.96E-04	1.32E-04	3.09E-04	6.36E-05
5252	624217.15	4266176.61	0.0019903	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04	6.32E-05
5253	624213.63	4266167.74	0.0019749	6.79E-04	1.65E-03	5.08E-04	3.91E-04	1.30E-04	3.05E-04	6.27E-05
5254	624449.27	4266295.02	0.0034484	1.19E-03	2.88E-03	8.88E-04	6.83E-04	2.27E-04	5.32E-04	1.09E-04
5255	624459.16	4266295.2	0.0035231	1.21E-03	2.94E-03	9.07E-04	6.97E-04	2.32E-04	5.44E-04	1.12E-04
5256	624469.05	4266295.38	0.0035954	1.24E-03	3.01E-03	9.26E-04	7.12E-04	2.37E-04	5.55E-04	1.14E-04
5257	624478.94	4266295.55	0.0036651	1.26E-03	3.06E-03	9.44E-04	7.25E-04	2.41E-04	5.66E-04	1.16E-04
5258	624488.83	4266295.73	0.0037303	1.28E-03	3.12E-03	9.60E-04	7.38E-04	2.46E-04	5.76E-04	1.18E-04
5259	624498.72	4266295.91	0.0037895	1.30E-03	3.17E-03	9.76E-04	7.50E-04	2.50E-04	5.85E-04	1.20E-04
5260	624577.83	4266297.32	0.0040605	1.40E-03	3.39E-03	1.05E-03	8.04E-04	2.68E-04	6.27E-04	1.29E-04
5261	624587.72	4266297.49	0.0040704	1.40E-03	3.40E-03	1.05E-03	8.06E-04	2.68E-04	6.28E-04	1.29E-04
5262	624597.61	4266297.67	0.0040764	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04	1.29E-04
5263	624607.5	4266297.85	0.0040787	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04	1.29E-04
5264	624617.39	4266298.02	0.004076	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04	1.29E-04
5265	624627.28	4266298.2	0.0040666	1.40E-03	3.40E-03	1.05E-03	8.05E-04	2.68E-04	6.27E-04	1.29E-04
5266	624637.17	4266298.38	0.0040505	1.39E-03	3.39E-03	1.04E-03	8.02E-04	2.67E-04	6.25E-04	1.29E-04
5267	624666.84	4266298.91	0.0039747	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.13E-04	1.26E-04
5268	624676.73	4266299.08	0.0039425	1.36E-03	3.30E-03	1.02E-03	7.80E-04	2.60E-04	6.08E-04	1.25E-04
5269	624686.61	4266299.26	0.0039047	1.34E-03	3.26E-03	1.01E-03	7.73E-04	2.57E-04	6.03E-04	1.24E-04
5270	624696.5	4266299.44	0.0038601	1.33E-03	3.23E-03	9.94E-04	7.64E-04	2.54E-04	5.96E-04	1.23E-04
5271	624706.39	4266299.61	0.0038086	1.31E-03	3.18E-03	9.81E-04	7.54E-04	2.51E-04	5.88E-04	1.21E-04
5272	624716.28	4266299.79	0.0037511	1.29E-03	3.14E-03	9.66E-04	7.42E-04	2.47E-04	5.79E-04	1.19E-04
5273	624726.17	4266299.97	0.0036897	1.27E-03	3.08E-03	9.50E-04	7.30E-04	2.43E-04	5.69E-04	1.17E-04
5274	624341.18	4266314.45	0.0023716	8.16E-04	1.98E-03	6.11E-04	4.69E-04	1.56E-04	3.66E-04	7.53E-05
5275	624332.42	4266310.65	0.0023422	8.05E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.61E-04	7.43E-05
5276	624323.66	4266306.84	0.0023103	7.94E-04	1.93E-03	5.95E-04	4.57E-04	1.52E-04	3.56E-04	7.33E-05

5277	624314.91	4266303.04	0.0022762	7.83E-04	1.90E-03	5.86E-04	4.51E-04	1.50E-04	3.51E-04	7.22E-05
5278	624306.15	4266299.24	0.0022396	7.70E-04	1.87E-03	5.77E-04	4.43E-04	1.48E-04	3.46E-04	7.11E-05
5279	624297.39	4266295.43	0.0022005	7.57E-04	1.84E-03	5.67E-04	4.36E-04	1.45E-04	3.40E-04	6.98E-05
5280	624288.63	4266291.63	0.0021586	7.42E-04	1.80E-03	5.56E-04	4.27E-04	1.42E-04	3.33E-04	6.85E-05
5281	624279.88	4266287.83	0.0021142	7.27E-04	1.77E-03	5.44E-04	4.18E-04	1.39E-04	3.26E-04	6.71E-05
5282	624271.12	4266284.02	0.0020675	7.11E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04	6.56E-05
5283	624262.36	4266280.22	0.002019	6.94E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
5284	624253.6	4266276.42	0.0019693	6.77E-04	1.65E-03	5.07E-04	3.90E-04	1.30E-04	3.04E-04	6.25E-05
5285	624244.85	4266272.61	0.0019191	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
5286	624236.09	4266268.81	0.0018686	6.43E-04	1.56E-03	4.81E-04	3.70E-04	1.23E-04	2.88E-04	5.93E-05
5287	624223.81	4266256.13	0.001822	6.27E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04	5.78E-05
5288	624220.3	4266247.26	0.0018237	6.27E-04	1.52E-03	4.70E-04	3.61E-04	1.20E-04	2.81E-04	5.79E-05
5289	624216.78	4266238.38	0.0018236	6.27E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04	5.79E-05
5290	624213.26	4266229.51	0.0018216	6.26E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04	5.78E-05
5291	624209.74	4266220.63	0.0018182	6.25E-04	1.52E-03	4.68E-04	3.60E-04	1.20E-04	2.81E-04	5.77E-05
5292	624206.22	4266211.75	0.0018133	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.19E-04	2.80E-04	5.75E-05
5293	624202.71	4266202.88	0.0018067	6.21E-04	1.51E-03	4.65E-04	3.58E-04	1.19E-04	2.79E-04	5.73E-05
5294	624199.19	4266194	0.001798	6.18E-04	1.50E-03	4.63E-04	3.56E-04	1.18E-04	2.77E-04	5.71E-05
5295	624195.67	4266185.13	0.0017868	6.14E-04	1.49E-03	4.60E-04	3.54E-04	1.18E-04	2.76E-04	5.67E-05
5296	624192.15	4266176.25	0.0017734	6.10E-04	1.48E-03	4.57E-04	3.51E-04	1.17E-04	2.74E-04	5.63E-05
5297	624188.63	4266167.38	0.0017578	6.04E-04	1.47E-03	4.53E-04	3.48E-04	1.16E-04	2.71E-04	5.58E-05
5298	624349.94	4266318.25	0.0023976	8.24E-04	2.00E-03	6.17E-04	4.75E-04	1.58E-04	3.70E-04	7.61E-05
5299	624359.82	4266318.43	0.00246	8.46E-04	2.06E-03	6.33E-04	4.87E-04	1.62E-04	3.80E-04	7.81E-05
5300	624369.71	4266318.61	0.0025214	8.67E-04	2.11E-03	6.49E-04	4.99E-04	1.66E-04	3.89E-04	8.00E-05
5301	624379.6	4266318.78	0.0025828	8.88E-04	2.16E-03	6.65E-04	5.11E-04	1.70E-04	3.99E-04	8.20E-05
5302	624389.49	4266318.96	0.0026449	9.10E-04	2.21E-03	6.81E-04	5.24E-04	1.74E-04	4.08E-04	8.39E-05
5303	624399.38	4266319.14	0.0027087	9.31E-04	2.26E-03	6.97E-04	5.36E-04	1.78E-04	4.18E-04	8.60E-05
5304	624409.27	4266319.31	0.0027739	9.54E-04	2.32E-03	7.14E-04	5.49E-04	1.83E-04	4.28E-04	8.80E-05
5305	624419.16	4266319.49	0.0028394	9.76E-04	2.37E-03	7.31E-04	5.62E-04	1.87E-04	4.38E-04	9.01E-05
5306	624448.83	4266320.02	0.0030281	1.04E-03	2.53E-03	7.80E-04	5.99E-04	2.00E-04	4.67E-04	9.61E-05
5307	624458.72	4266320.19	0.0030881	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.77E-04	9.80E-05
5308	624468.61	4266320.37	0.0031463	1.08E-03	2.63E-03	8.10E-04	6.23E-04	2.07E-04	4.85E-04	9.98E-05
5309	624478.49	4266320.55	0.0032019	1.10E-03	2.68E-03	8.24E-04	6.34E-04	2.11E-04	4.94E-04	1.02E-04
5310	624488.38	4266320.72	0.0032541	1.12E-03	2.72E-03	8.38E-04	6.44E-04	2.14E-04	5.02E-04	1.03E-04
5311	624498.27	4266320.9	0.0033017	1.14E-03	2.76E-03	8.50E-04	6.54E-04	2.18E-04	5.09E-04	1.05E-04
5312	624527.94	4266321.43	0.0034189	1.18E-03	2.86E-03	8.80E-04	6.77E-04	2.25E-04	5.28E-04	1.09E-04
5313	624537.83	4266321.61	0.0034505	1.19E-03	2.88E-03	8.88E-04	6.83E-04	2.27E-04	5.32E-04	1.10E-04
5314	624547.72	4266321.78	0.0034779	1.20E-03	2.91E-03	8.95E-04	6.88E-04	2.29E-04	5.37E-04	1.10E-04
5315	624557.61	4266321.96	0.0035003	1.20E-03	2.93E-03	9.01E-04	6.93E-04	2.31E-04	5.40E-04	1.11E-04
5316	624567.5	4266322.14	0.003518	1.21E-03	2.94E-03	9.06E-04	6.96E-04	2.32E-04	5.43E-04	1.12E-04
5317	624577.39	4266322.31	0.0035316	1.21E-03	2.95E-03	9.09E-04	6.99E-04	2.33E-04	5.45E-04	1.12E-04
5318	624587.28	4266322.49	0.0035416	1.22E-03	2.96E-03	9.12E-04	7.01E-04	2.33E-04	5.46E-04	1.12E-04
5319	624597.17	4266322.67	0.0035481	1.22E-03	2.97E-03	9.14E-04	7.02E-04	2.34E-04	5.47E-04	1.13E-04
5320	624607.05	4266322.84	0.0035507	1.22E-03	2.97E-03	9.14E-04	7.03E-04	2.34E-04	5.48E-04	1.13E-04
5321	624616.94	4266323.02	0.003548	1.22E-03	2.97E-03	9.14E-04	7.02E-04	2.34E-04	5.47E-04	1.13E-04
5322	624626.83	4266323.2	0.0035399	1.22E-03	2.96E-03	9.11E-04	7.01E-04	2.33E-04	5.46E-04	1.12E-04
5323	624636.72	4266323.37	0.003527	1.21E-03	2.95E-03	9.08E-04	6.98E-04	2.32E-04	5.44E-04	1.12E-04
5324	624666.39	4266323.9	0.0034656	1.19E-03	2.90E-03	8.92E-04	6.86E-04	2.28E-04	5.35E-04	1.10E-04
5325	624676.28	4266324.08	0.003438	1.18E-03	2.87E-03	8.85E-04	6.81E-04	2.27E-04	5.31E-04	1.09E-04
5326	624686.17	4266324.26	0.0034059	1.17E-03	2.85E-03	8.77E-04	6.74E-04	2.24E-04	5.26E-04	1.08E-04
5327	624696.06	4266324.43	0.0033695	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04	1.07E-04
5328	624705.95	4266324.61	0.0033284	1.14E-03	2.78E-03	8.57E-04	6.59E-04	2.19E-04	5.14E-04	1.06E-04
5329	624715.84	4266324.79	0.0032836	1.13E-03	2.74E-03	8.45E-04	6.50E-04	2.16E-04	5.07E-04	1.04E-04
5330	624725.72	4266324.96	0.0032361	1.11E-03	2.70E-03	8.33E-04	6.41E-04	2.13E-04	4.99E-04	1.03E-04
5331	624745.5	4266325.32	0.0031352	1.08E-03	2.62E-03	8.07E-04	6.21E-04	2.07E-04	4.84E-04	9.95E-05

5332	624755.39	4266325.49	0.0030808	1.06E-03	2.58E-03	7.93E-04	6.10E-04	2.03E-04	4.75E-04	9.78E-05
5333	624765.28	4266325.67	0.0030239	1.04E-03	2.53E-03	7.79E-04	5.99E-04	1.99E-04	4.67E-04	9.60E-05
5334	624775.17	4266325.85	0.0029652	1.02E-03	2.48E-03	7.63E-04	5.87E-04	1.95E-04	4.58E-04	9.41E-05
5335	624785.06	4266326.02	0.0029054	9.99E-04	2.43E-03	7.48E-04	5.75E-04	1.91E-04	4.48E-04	9.22E-05
5336	624794.95	4266326.2	0.0028448	9.78E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04	9.03E-05
5337	624804.84	4266326.38	0.0027835	9.57E-04	2.33E-03	7.17E-04	5.51E-04	1.83E-04	4.30E-04	8.83E-05
5338	624844.4	4266327.08	0.0025218	8.67E-04	2.11E-03	6.49E-04	4.99E-04	1.66E-04	3.89E-04	8.00E-05
5339	624340.73	4266339.44	0.0021737	7.47E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.35E-04	6.90E-05
5340	624331.97	4266335.64	0.0021517	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04	6.83E-05
5341	624323.22	4266331.84	0.002127	7.31E-04	1.78E-03	5.48E-04	4.21E-04	1.40E-04	3.28E-04	6.75E-05
5342	624314.46	4266328.04	0.0021	7.22E-04	1.76E-03	5.41E-04	4.16E-04	1.38E-04	3.24E-04	6.66E-05
5343	624305.7	4266324.23	0.0020714	7.12E-04	1.73E-03	5.33E-04	4.10E-04	1.36E-04	3.20E-04	6.57E-05
5344	624296.94	4266320.43	0.0020409	7.02E-04	1.71E-03	5.25E-04	4.04E-04	1.34E-04	3.15E-04	6.48E-05
5345	624288.19	4266316.63	0.0020084	6.91E-04	1.68E-03	5.17E-04	3.98E-04	1.32E-04	3.10E-04	6.37E-05
5346	624279.43	4266312.82	0.0019738	6.79E-04	1.65E-03	5.08E-04	3.91E-04	1.30E-04	3.05E-04	6.26E-05
5347	624270.67	4266309.02	0.0019371	6.66E-04	1.62E-03	4.99E-04	3.83E-04	1.28E-04	2.99E-04	6.15E-05
5348	624261.92	4266305.22	0.0018986	6.53E-04	1.59E-03	4.89E-04	3.76E-04	1.25E-04	2.93E-04	6.03E-05
5349	624253.16	4266301.41	0.0018585	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04	5.90E-05
5350	624244.4	4266297.61	0.0018171	6.25E-04	1.52E-03	4.68E-04	3.60E-04	1.20E-04	2.80E-04	5.77E-05
5351	624235.64	4266293.81	0.0017751	6.10E-04	1.48E-03	4.57E-04	3.51E-04	1.17E-04	2.74E-04	5.63E-05
5352	624226.89	4266290	0.0017327	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04	5.50E-05
5353	624218.13	4266286.2	0.0016901	5.81E-04	1.41E-03	4.35E-04	3.35E-04	1.11E-04	2.61E-04	5.36E-05
5354	624205.85	4266273.52	0.0016508	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
5355	624202.34	4266264.65	0.0016524	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
5356	624198.82	4266255.77	0.0016526	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
5357	624195.3	4266246.89	0.0016515	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
5358	624191.78	4266238.02	0.0016489	5.67E-04	1.38E-03	4.25E-04	3.26E-04	1.09E-04	2.54E-04	5.23E-05
5359	624188.26	4266229.14	0.0016451	5.66E-04	1.38E-03	4.24E-04	3.26E-04	1.08E-04	2.54E-04	5.22E-05
5360	624184.74	4266220.27	0.0016401	5.64E-04	1.37E-03	4.22E-04	3.25E-04	1.08E-04	2.53E-04	5.20E-05
5361	624181.23	4266211.39	0.0016339	5.62E-04	1.37E-03	4.21E-04	3.23E-04	1.08E-04	2.52E-04	5.19E-05
5362	624177.71	4266202.52	0.001626	5.59E-04	1.36E-03	4.19E-04	3.22E-04	1.07E-04	2.51E-04	5.16E-05
5363	624174.19	4266193.64	0.0016163	5.56E-04	1.35E-03	4.16E-04	3.20E-04	1.06E-04	2.49E-04	5.13E-05
5364	624170.67	4266184.77	0.0016044	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04	5.09E-05
5365	624167.15	4266175.89	0.0015908	5.47E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.45E-04	5.05E-05
5366	624163.64	4266167.01	0.0015755	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
5367	624349.49	4266343.25	0.0021925	7.54E-04	1.83E-03	5.64E-04	4.34E-04	1.44E-04	3.38E-04	6.96E-05
5368	624359.38	4266343.42	0.0022425	7.71E-04	1.87E-03	5.77E-04	4.44E-04	1.48E-04	3.46E-04	7.12E-05
5369	624369.27	4266343.6	0.0022915	7.88E-04	1.92E-03	5.90E-04	4.54E-04	1.51E-04	3.54E-04	7.27E-05
5370	624379.16	4266343.78	0.0023405	8.05E-04	1.96E-03	6.03E-04	4.63E-04	1.54E-04	3.61E-04	7.43E-05
5371	624389.05	4266343.95	0.0023902	8.22E-04	2.00E-03	6.15E-04	4.73E-04	1.57E-04	3.69E-04	7.59E-05
5372	624398.93	4266344.13	0.0024404	8.39E-04	2.04E-03	6.28E-04	4.83E-04	1.61E-04	3.77E-04	7.74E-05
5373	624408.82	4266344.31	0.0024911	8.57E-04	2.08E-03	6.41E-04	4.93E-04	1.64E-04	3.84E-04	7.91E-05
5374	624418.71	4266344.48	0.0025416	8.74E-04	2.12E-03	6.54E-04	5.03E-04	1.67E-04	3.92E-04	8.07E-05
5375	624448.38	4266345.01	0.0026891	9.25E-04	2.25E-03	6.92E-04	5.32E-04	1.77E-04	4.15E-04	8.53E-05
5376	624458.27	4266345.19	0.0027368	9.41E-04	2.29E-03	7.05E-04	5.42E-04	1.80E-04	4.22E-04	8.69E-05
5377	624468.16	4266345.37	0.0027832	9.57E-04	2.33E-03	7.17E-04	5.51E-04	1.83E-04	4.29E-04	8.83E-05
5378	624478.05	4266345.54	0.0028276	9.72E-04	2.36E-03	7.28E-04	5.60E-04	1.86E-04	4.36E-04	8.97E-05
5379	624487.94	4266345.72	0.002869	9.87E-04	2.40E-03	7.39E-04	5.68E-04	1.89E-04	4.43E-04	9.11E-05
5380	624497.83	4266345.9	0.0029073	1.00E-03	2.43E-03	7.49E-04	5.75E-04	1.92E-04	4.49E-04	9.23E-05
5381	624527.49	4266346.43	0.0030045	1.03E-03	2.51E-03	7.74E-04	5.95E-04	1.98E-04	4.64E-04	9.54E-05
5382	624537.38	4266346.6	0.0030307	1.04E-03	2.53E-03	7.80E-04	6.00E-04	2.00E-04	4.68E-04	9.62E-05
5383	624547.27	4266346.78	0.0030532	1.05E-03	2.55E-03	7.86E-04	6.04E-04	2.01E-04	4.71E-04	9.69E-05
5384	624557.16	4266346.96	0.003072	1.06E-03	2.57E-03	7.91E-04	6.08E-04	2.02E-04	4.74E-04	9.75E-05
5385	624567.05	4266347.13	0.0030875	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.76E-04	9.80E-05
5386	624576.94	4266347.31	0.0030999	1.07E-03	2.59E-03	7.98E-04	6.14E-04	2.04E-04	4.78E-04	9.84E-05

5387	624586.83	4266347.49	0.0031091	1.07E-03	2.60E-03	8.00E-04	6.15E-04	2.05E-04	4.80E-04	9.87E-05
5388	624596.72	4266347.66	0.0031151	1.07E-03	2.60E-03	8.02E-04	6.17E-04	2.05E-04	4.81E-04	9.89E-05
5389	624606.61	4266347.84	0.003117	1.07E-03	2.61E-03	8.02E-04	6.17E-04	2.05E-04	4.81E-04	9.89E-05
5390	624616.5	4266348.02	0.0031145	1.07E-03	2.60E-03	8.02E-04	6.16E-04	2.05E-04	4.81E-04	9.88E-05
5391	624626.39	4266348.19	0.0031081	1.07E-03	2.60E-03	8.00E-04	6.15E-04	2.05E-04	4.80E-04	9.86E-05
5392	624665.94	4266348.9	0.0030502	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04	9.68E-05
5393	624675.83	4266349.08	0.0030276	1.04E-03	2.53E-03	7.79E-04	5.99E-04	1.99E-04	4.67E-04	9.61E-05
5394	624685.72	4266349.25	0.0030013	1.03E-03	2.51E-03	7.73E-04	5.94E-04	1.98E-04	4.63E-04	9.53E-05
5395	624695.61	4266349.43	0.0029711	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.58E-04	9.43E-05
5396	624705.5	4266349.61	0.0029375	1.01E-03	2.46E-03	7.56E-04	5.81E-04	1.94E-04	4.53E-04	9.32E-05
5397	624715.39	4266349.78	0.0029018	9.98E-04	2.43E-03	7.47E-04	5.74E-04	1.91E-04	4.48E-04	9.21E-05
5398	624725.28	4266349.96	0.0028651	9.85E-04	2.39E-03	7.38E-04	5.67E-04	1.89E-04	4.42E-04	9.09E-05
5399	624754.95	4266350.49	0.0027406	9.42E-04	2.29E-03	7.06E-04	5.42E-04	1.81E-04	4.23E-04	8.70E-05
5400	624764.84	4266350.67	0.0026944	9.27E-04	2.25E-03	6.94E-04	5.33E-04	1.78E-04	4.16E-04	8.55E-05
5401	624774.72	4266350.84	0.002647	9.10E-04	2.21E-03	6.81E-04	5.24E-04	1.74E-04	4.08E-04	8.40E-05
5402	624784.61	4266351.02	0.0025985	8.94E-04	2.17E-03	6.69E-04	5.14E-04	1.71E-04	4.01E-04	8.25E-05
5403	624794.5	4266351.2	0.0025496	8.77E-04	2.13E-03	6.56E-04	5.05E-04	1.68E-04	3.93E-04	8.09E-05
5404	624804.39	4266351.37	0.0025004	8.60E-04	2.09E-03	6.44E-04	4.95E-04	1.65E-04	3.86E-04	7.94E-05
5405	624843.95	4266352.08	0.0022911	7.88E-04	1.92E-03	5.90E-04	4.53E-04	1.51E-04	3.54E-04	7.27E-05
5406	624340.29	4266364.44	0.0020013	6.88E-04	1.67E-03	5.15E-04	3.96E-04	1.32E-04	3.09E-04	6.35E-05
5407	624331.53	4266360.64	0.001985	6.83E-04	1.66E-03	5.11E-04	3.93E-04	1.31E-04	3.06E-04	6.30E-05
5408	624322.77	4266356.83	0.0019661	6.76E-04	1.64E-03	5.06E-04	3.89E-04	1.30E-04	3.03E-04	6.24E-05
5409	624314.01	4266353.03	0.0019449	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.17E-05
5410	624305.26	4266349.23	0.001922	6.61E-04	1.61E-03	4.95E-04	3.80E-04	1.27E-04	2.97E-04	6.10E-05
5411	624296.5	4266345.43	0.0018976	6.53E-04	1.59E-03	4.89E-04	3.76E-04	1.25E-04	2.93E-04	6.02E-05
5412	624287.74	4266341.62	0.0018718	6.44E-04	1.56E-03	4.82E-04	3.71E-04	1.23E-04	2.89E-04	5.94E-05
5413	624278.98	4266337.82	0.0018445	6.34E-04	1.54E-03	4.75E-04	3.65E-04	1.22E-04	2.85E-04	5.85E-05
5414	624270.23	4266334.02	0.0018154	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.20E-04	2.80E-04	5.76E-05
5415	624261.47	4266330.21	0.0017847	6.14E-04	1.49E-03	4.59E-04	3.53E-04	1.18E-04	2.75E-04	5.66E-05
5416	624252.71	4266326.41	0.0017524	6.03E-04	1.46E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04	5.56E-05
5417	624243.95	4266322.61	0.0017187	5.91E-04	1.44E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04	5.45E-05
5418	624235.2	4266318.8	0.0016839	5.79E-04	1.41E-03	4.34E-04	3.33E-04	1.11E-04	2.60E-04	5.34E-05
5419	624226.44	4266315	0.0016483	5.67E-04	1.38E-03	4.24E-04	3.26E-04	1.09E-04	2.54E-04	5.23E-05
5420	624217.68	4266311.2	0.0016122	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04	5.12E-05
5421	624208.93	4266307.39	0.0015758	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
5422	624200.17	4266303.59	0.0015394	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.38E-04	4.89E-05
5423	624187.89	4266290.91	0.0015055	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.92E-05	2.32E-04	4.78E-05
5424	624184.37	4266282.04	0.0015068	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.93E-05	2.33E-04	4.78E-05
5425	624180.86	4266273.16	0.0015072	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.93E-05	2.33E-04	4.78E-05
5426	624177.34	4266264.28	0.0015065	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.93E-05	2.32E-04	4.78E-05
5427	624173.82	4266255.41	0.0015046	5.17E-04	1.26E-03	3.87E-04	2.98E-04	9.91E-05	2.32E-04	4.78E-05
5428	624170.3	4266246.53	0.0015018	5.16E-04	1.26E-03	3.87E-04	2.97E-04	9.89E-05	2.32E-04	4.77E-05
5429	624166.78	4266237.66	0.0014978	5.15E-04	1.25E-03	3.86E-04	2.96E-04	9.87E-05	2.31E-04	4.75E-05
5430	624163.27	4266228.78	0.0014929	5.13E-04	1.25E-03	3.84E-04	2.96E-04	9.84E-05	2.30E-04	4.74E-05
5431	624159.75	4266219.91	0.0014868	5.11E-04	1.24E-03	3.83E-04	2.94E-04	9.80E-05	2.29E-04	4.72E-05
5432	624156.23	4266211.03	0.0014797	5.09E-04	1.24E-03	3.81E-04	2.93E-04	9.75E-05	2.28E-04	4.70E-05
5433	624152.71	4266202.15	0.0014711	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.69E-05	2.27E-04	4.67E-05
5434	624149.19	4266193.28	0.0014609	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.63E-05	2.25E-04	4.64E-05
5435	624145.67	4266184.4	0.0014489	4.98E-04	1.21E-03	3.73E-04	2.87E-04	9.55E-05	2.24E-04	4.60E-05
5436	624142.16	4266175.53	0.0014355	4.94E-04	1.20E-03	3.70E-04	2.84E-04	9.46E-05	2.22E-04	4.56E-05
5437	624138.64	4266166.65	0.0014209	4.89E-04	1.19E-03	3.66E-04	2.81E-04	9.36E-05	2.19E-04	4.51E-05
5438	624349.04	4266368.24	0.0020149	6.93E-04	1.68E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04	6.39E-05
5439	624358.93	4266368.42	0.0020552	7.07E-04	1.72E-03	5.29E-04	4.07E-04	1.35E-04	3.17E-04	6.52E-05
5440	624368.82	4266368.6	0.002095	7.20E-04	1.75E-03	5.39E-04	4.15E-04	1.38E-04	3.23E-04	6.65E-05
5441	624378.71	4266368.77	0.0021346	7.34E-04	1.78E-03	5.50E-04	4.23E-04	1.41E-04	3.29E-04	6.77E-05

5442	624388.6	4266368.95	0.0021743	7.48E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.36E-04	6.90E-05
5443	624398.49	4266369.13	0.0022142	7.61E-04	1.85E-03	5.70E-04	4.38E-04	1.46E-04	3.42E-04	7.03E-05
5444	624408.38	4266369.3	0.0022539	7.75E-04	1.88E-03	5.80E-04	4.46E-04	1.49E-04	3.48E-04	7.15E-05
5445	624418.27	4266369.48	0.0022932	7.89E-04	1.92E-03	5.90E-04	4.54E-04	1.51E-04	3.54E-04	7.28E-05
5446	624447.93	4266370.01	0.0024093	8.28E-04	2.01E-03	6.20E-04	4.77E-04	1.59E-04	3.72E-04	7.65E-05
5447	624457.82	4266370.19	0.0024471	8.41E-04	2.05E-03	6.30E-04	4.84E-04	1.61E-04	3.78E-04	7.77E-05
5448	624467.71	4266370.36	0.002484	8.54E-04	2.08E-03	6.40E-04	4.92E-04	1.64E-04	3.83E-04	7.88E-05
5449	624477.6	4266370.54	0.0025191	8.66E-04	2.11E-03	6.49E-04	4.99E-04	1.66E-04	3.89E-04	7.99E-05
5450	624487.49	4266370.72	0.0025522	8.78E-04	2.13E-03	6.57E-04	5.05E-04	1.68E-04	3.94E-04	8.10E-05
5451	624497.38	4266370.89	0.0025832	8.88E-04	2.16E-03	6.65E-04	5.11E-04	1.70E-04	3.99E-04	8.20E-05
5452	624527.05	4266371.42	0.002663	9.16E-04	2.23E-03	6.86E-04	5.27E-04	1.75E-04	4.11E-04	8.45E-05
5453	624536.94	4266371.6	0.0026843	9.23E-04	2.24E-03	6.91E-04	5.31E-04	1.77E-04	4.14E-04	8.52E-05
5454	624546.83	4266371.78	0.0027027	9.29E-04	2.26E-03	6.96E-04	5.35E-04	1.78E-04	4.17E-04	8.58E-05
5455	624556.72	4266371.95	0.0027185	9.35E-04	2.27E-03	7.00E-04	5.38E-04	1.79E-04	4.19E-04	8.63E-05
5456	624566.61	4266372.13	0.0027316	9.39E-04	2.28E-03	7.03E-04	5.41E-04	1.80E-04	4.21E-04	8.67E-05
5457	624635.83	4266373.37	0.0027423	9.43E-04	2.29E-03	7.06E-04	5.43E-04	1.81E-04	4.23E-04	8.70E-05
5458	624665.5	4266373.9	0.0027055	9.30E-04	2.26E-03	6.97E-04	5.36E-04	1.78E-04	4.17E-04	8.59E-05
5459	624675.39	4266374.07	0.0026876	9.24E-04	2.25E-03	6.92E-04	5.32E-04	1.77E-04	4.15E-04	8.53E-05
5460	624685.28	4266374.25	0.0026665	9.17E-04	2.23E-03	6.87E-04	5.28E-04	1.76E-04	4.11E-04	8.46E-05
5461	624695.16	4266374.43	0.0026427	9.09E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.08E-04	8.39E-05
5462	624705.05	4266374.6	0.0026166	9.00E-04	2.19E-03	6.74E-04	5.18E-04	1.72E-04	4.04E-04	8.30E-05
5463	624714.94	4266374.78	0.0025882	8.90E-04	2.16E-03	6.66E-04	5.12E-04	1.71E-04	3.99E-04	8.21E-05
5464	624724.83	4266374.95	0.0025578	8.80E-04	2.14E-03	6.59E-04	5.06E-04	1.69E-04	3.95E-04	8.12E-05
5465	624754.5	4266375.48	0.002455	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04	7.79E-05
5466	624764.39	4266375.66	0.0024183	8.32E-04	2.02E-03	6.23E-04	4.79E-04	1.59E-04	3.73E-04	7.67E-05
5467	624339.84	4266389.44	0.0018497	6.36E-04	1.55E-03	4.76E-04	3.66E-04	1.22E-04	2.85E-04	5.87E-05
5468	624331.08	4266385.63	0.0018378	6.32E-04	1.54E-03	4.73E-04	3.64E-04	1.21E-04	2.84E-04	5.83E-05
5469	624322.32	4266381.83	0.0018235	6.27E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04	5.79E-05
5470	624313.57	4266378.03	0.0018072	6.21E-04	1.51E-03	4.65E-04	3.58E-04	1.19E-04	2.79E-04	5.74E-05
5471	624304.81	4266374.22	0.001789	6.15E-04	1.50E-03	4.61E-04	3.54E-04	1.18E-04	2.76E-04	5.68E-05
5472	624296.05	4266370.42	0.0017692	6.08E-04	1.48E-03	4.56E-04	3.50E-04	1.17E-04	2.73E-04	5.61E-05
5473	624287.29	4266366.62	0.0017483	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
5474	624278.54	4266362.81	0.0017263	5.94E-04	1.44E-03	4.44E-04	3.42E-04	1.14E-04	2.66E-04	5.48E-05
5475	624269.78	4266359.01	0.001703	5.86E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04	5.40E-05
5476	624261.02	4266355.21	0.0016783	5.77E-04	1.40E-03	4.32E-04	3.32E-04	1.11E-04	2.59E-04	5.33E-05
5477	624252.27	4266351.41	0.0016522	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
5478	624243.51	4266347.6	0.0016248	5.59E-04	1.36E-03	4.18E-04	3.22E-04	1.07E-04	2.51E-04	5.16E-05
5479	624234.75	4266343.8	0.0015962	5.49E-04	1.33E-03	4.11E-04	3.16E-04	1.05E-04	2.46E-04	5.07E-05
5480	624225.99	4266340	0.0015666	5.39E-04	1.31E-03	4.03E-04	3.10E-04	1.03E-04	2.42E-04	4.97E-05
5481	624217.24	4266336.19	0.0015362	5.28E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
5482	624208.48	4266332.39	0.0015052	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.92E-05	2.32E-04	4.78E-05
5483	624199.72	4266328.59	0.0014737	5.07E-04	1.23E-03	3.79E-04	2.92E-04	9.71E-05	2.27E-04	4.68E-05
5484	624190.96	4266324.78	0.0014421	4.96E-04	1.21E-03	3.71E-04	2.85E-04	9.50E-05	2.23E-04	4.58E-05
5485	624182.21	4266320.98	0.0014104	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04	4.48E-05
5486	624169.93	4266308.3	0.0013807	4.75E-04	1.15E-03	3.55E-04	2.73E-04	9.10E-05	2.13E-04	4.38E-05
5487	624166.41	4266299.43	0.0013818	4.75E-04	1.15E-03	3.56E-04	2.74E-04	9.10E-05	2.13E-04	4.39E-05
5488	624162.9	4266290.55	0.001382	4.75E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04	4.39E-05
5489	624159.38	4266281.67	0.0013815	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04	4.38E-05
5490	624155.86	4266272.8	0.0013801	4.75E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04	4.38E-05
5491	624152.34	4266263.92	0.0013779	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.08E-05	2.13E-04	4.37E-05
5492	624148.82	4266255.05	0.0013748	4.73E-04	1.15E-03	3.54E-04	2.72E-04	9.06E-05	2.12E-04	4.36E-05
5493	624145.3	4266246.17	0.001371	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.12E-04	4.35E-05
5494	624141.79	4266237.3	0.0013663	4.70E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04	4.34E-05
5495	624138.27	4266228.42	0.0013605	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04	4.32E-05
5496	624134.75	4266219.54	0.0013539	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.92E-05	2.09E-04	4.30E-05

5497	624131.23	4266210.67	0.0013463	4.63E-04	1.13E-03	3.47E-04	2.66E-04	8.87E-05	2.08E-04	4.27E-05
5498	624127.71	4266201.79	0.0013374	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04	4.24E-05
5499	624124.2	4266192.92	0.0013271	4.56E-04	1.11E-03	3.42E-04	2.63E-04	8.74E-05	2.05E-04	4.21E-05
5500	624348.6	4266393.24	0.0018593	6.39E-04	1.55E-03	4.79E-04	3.68E-04	1.23E-04	2.87E-04	5.90E-05
5501	624358.49	4266393.42	0.0018923	6.51E-04	1.58E-03	4.87E-04	3.75E-04	1.25E-04	2.92E-04	6.01E-05
5502	624368.37	4266393.59	0.0019247	6.62E-04	1.61E-03	4.96E-04	3.81E-04	1.27E-04	2.97E-04	6.11E-05
5503	624378.26	4266393.77	0.0019568	6.73E-04	1.64E-03	5.04E-04	3.87E-04	1.29E-04	3.02E-04	6.21E-05
5504	624388.15	4266393.95	0.0019887	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04	6.31E-05
5505	624398.04	4266394.12	0.0020203	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
5506	624407.93	4266394.3	0.0020516	7.05E-04	1.71E-03	5.28E-04	4.06E-04	1.35E-04	3.17E-04	6.51E-05
5507	624417.82	4266394.48	0.0020825	7.16E-04	1.74E-03	5.36E-04	4.12E-04	1.37E-04	3.21E-04	6.61E-05
5508	624447.49	4266395.01	0.0021743	7.48E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.36E-04	6.90E-05
5509	624457.38	4266395.18	0.0022043	7.58E-04	1.84E-03	5.68E-04	4.36E-04	1.45E-04	3.40E-04	7.00E-05
5510	624467.27	4266395.36	0.0022334	7.68E-04	1.87E-03	5.75E-04	4.42E-04	1.47E-04	3.45E-04	7.09E-05
5511	624477.16	4266395.54	0.0022613	7.78E-04	1.89E-03	5.82E-04	4.48E-04	1.49E-04	3.49E-04	7.18E-05
5512	624487.05	4266395.71	0.0022879	7.87E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04	7.26E-05
5513	624496.93	4266395.89	0.0023128	7.95E-04	1.93E-03	5.95E-04	4.58E-04	1.52E-04	3.57E-04	7.34E-05
5514	624506.82	4266396.07	0.0023362	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.41E-05
5515	624566.16	4266397.13	0.0024339	8.37E-04	2.03E-03	6.27E-04	4.82E-04	1.60E-04	3.76E-04	7.72E-05
5516	624576.05	4266397.3	0.0024428	8.40E-04	2.04E-03	6.29E-04	4.84E-04	1.61E-04	3.77E-04	7.75E-05
5517	624585.94	4266397.48	0.0024492	8.42E-04	2.05E-03	6.31E-04	4.85E-04	1.61E-04	3.78E-04	7.77E-05
5518	624595.83	4266397.66	0.002453	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04	7.78E-05
5519	624605.72	4266397.83	0.0024543	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04	7.79E-05
5520	624615.6	4266398.01	0.002453	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04	7.78E-05
5521	624625.49	4266398.18	0.0024496	8.42E-04	2.05E-03	6.31E-04	4.85E-04	1.61E-04	3.78E-04	7.77E-05
5522	624635.38	4266398.36	0.0024444	8.41E-04	2.04E-03	6.29E-04	4.84E-04	1.61E-04	3.77E-04	7.76E-05
5523	624724.39	4266399.95	0.0022994	7.91E-04	1.92E-03	5.92E-04	4.55E-04	1.52E-04	3.55E-04	7.30E-05
5524	624734.28	4266400.13	0.0022726	7.82E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04	7.21E-05
5525	624744.16	4266400.3	0.002244	7.72E-04	1.88E-03	5.78E-04	4.44E-04	1.48E-04	3.46E-04	7.12E-05
5526	624754.05	4266400.48	0.0022149	7.62E-04	1.85E-03	5.70E-04	4.38E-04	1.46E-04	3.42E-04	7.03E-05
5527	624763.94	4266400.66	0.0021848	7.51E-04	1.83E-03	5.62E-04	4.32E-04	1.44E-04	3.37E-04	6.93E-05
5528	624773.83	4266400.83	0.0021542	7.41E-04	1.80E-03	5.55E-04	4.26E-04	1.42E-04	3.32E-04	6.84E-05
5529	624783.72	4266401.01	0.002122	7.30E-04	1.77E-03	5.46E-04	4.20E-04	1.40E-04	3.27E-04	6.73E-05
5530	624793.61	4266401.19	0.0020895	7.19E-04	1.75E-03	5.38E-04	4.14E-04	1.38E-04	3.22E-04	6.63E-05
5531	624803.5	4266401.36	0.0020567	7.07E-04	1.72E-03	5.30E-04	4.07E-04	1.36E-04	3.17E-04	6.53E-05
5532	624813.39	4266401.54	0.0020233	6.96E-04	1.69E-03	5.21E-04	4.00E-04	1.33E-04	3.12E-04	6.42E-05
5533	624823.28	4266401.72	0.0019892	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04	6.31E-05
5534	624833.17	4266401.89	0.0019543	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.02E-04	6.20E-05
5535	624843.06	4266402.07	0.0019183	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
5536	624339.39	4266414.43	0.0017153	5.90E-04	1.43E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04	5.44E-05
5537	624330.64	4266410.63	0.0017068	5.87E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04	5.42E-05
5538	624321.88	4266406.83	0.0016963	5.83E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.38E-05
5539	624313.12	4266403.02	0.0016838	5.79E-04	1.41E-03	4.34E-04	3.33E-04	1.11E-04	2.60E-04	5.34E-05
5540	624304.36	4266399.22	0.0016695	5.74E-04	1.40E-03	4.30E-04	3.30E-04	1.10E-04	2.58E-04	5.30E-05
5541	624295.61	4266395.42	0.0016537	5.69E-04	1.38E-03	4.26E-04	3.27E-04	1.09E-04	2.55E-04	5.25E-05
5542	624286.85	4266391.61	0.0016367	5.63E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.53E-04	5.19E-05
5543	624278.09	4266387.81	0.0016186	5.57E-04	1.35E-03	4.17E-04	3.20E-04	1.07E-04	2.50E-04	5.14E-05
5544	624269.33	4266384.01	0.0015996	5.50E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04	5.08E-05
5545	624260.58	4266380.2	0.0015796	5.43E-04	1.32E-03	4.07E-04	3.13E-04	1.04E-04	2.44E-04	5.01E-05
5546	624251.82	4266376.4	0.0015585	5.36E-04	1.30E-03	4.01E-04	3.08E-04	1.03E-04	2.40E-04	4.95E-05
5547	624243.06	4266372.6	0.0015361	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
5548	624234.3	4266368.79	0.0015127	5.20E-04	1.26E-03	3.89E-04	2.99E-04	9.97E-05	2.33E-04	4.80E-05
5549	624225.55	4266364.99	0.0014882	5.12E-04	1.24E-03	3.83E-04	2.95E-04	9.81E-05	2.30E-04	4.72E-05
5550	624216.79	4266361.19	0.0014628	5.03E-04	1.22E-03	3.77E-04	2.90E-04	9.64E-05	2.26E-04	4.64E-05
5551	624208.03	4266357.39	0.0014365	4.94E-04	1.20E-03	3.70E-04	2.84E-04	9.46E-05	2.22E-04	4.56E-05

5552	624199.28	4266353.58	0.0014097	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04	4.47E-05
5553	624190.52	4266349.78	0.0013823	4.75E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04	4.39E-05
5554	624181.76	4266345.98	0.0013546	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.93E-05	2.09E-04	4.30E-05
5555	624173	4266342.17	0.0013268	4.56E-04	1.11E-03	3.42E-04	2.63E-04	8.74E-05	2.05E-04	4.21E-05
5556	624164.25	4266338.37	0.0012989	4.47E-04	1.09E-03	3.34E-04	2.57E-04	8.56E-05	2.00E-04	4.12E-05
5557	624151.97	4266325.69	0.0012725	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.38E-05	1.96E-04	4.04E-05
5558	624148.45	4266316.82	0.0012732	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.39E-05	1.96E-04	4.04E-05
5559	624144.93	4266307.94	0.0012733	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.39E-05	1.96E-04	4.04E-05
5560	624141.42	4266299.06	0.0012728	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.39E-05	1.96E-04	4.04E-05
5561	624137.9	4266290.19	0.0012716	4.37E-04	1.06E-03	3.27E-04	2.52E-04	8.38E-05	1.96E-04	4.04E-05
5562	624134.38	4266281.31	0.0012698	4.37E-04	1.06E-03	3.27E-04	2.51E-04	8.37E-05	1.96E-04	4.03E-05
5563	624130.86	4266272.44	0.0012674	4.36E-04	1.06E-03	3.26E-04	2.51E-04	8.35E-05	1.96E-04	4.02E-05
5564	624127.34	4266263.56	0.0012643	4.35E-04	1.06E-03	3.26E-04	2.50E-04	8.33E-05	1.95E-04	4.01E-05
5565	624123.82	4266254.69	0.0012606	4.34E-04	1.05E-03	3.25E-04	2.50E-04	8.31E-05	1.95E-04	4.00E-05
5566	624120.31	4266245.81	0.0012563	4.32E-04	1.05E-03	3.23E-04	2.49E-04	8.28E-05	1.94E-04	3.99E-05
5567	624085.13	4266157.05	0.0011628	4.00E-04	9.72E-04	2.99E-04	2.30E-04	7.66E-05	1.79E-04	3.69E-05
5568	624348.15	4266418.24	0.0017218	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04	5.46E-05
5569	624358.04	4266418.41	0.0017489	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
5570	624367.93	4266418.59	0.0017754	6.11E-04	1.48E-03	4.57E-04	3.51E-04	1.17E-04	2.74E-04	5.63E-05
5571	624377.82	4266418.77	0.0018014	6.19E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.72E-05
5572	624387.71	4266418.94	0.001827	6.28E-04	1.53E-03	4.70E-04	3.62E-04	1.20E-04	2.82E-04	5.80E-05
5573	624397.6	4266419.12	0.0018522	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
5574	624407.49	4266419.3	0.0018771	6.45E-04	1.57E-03	4.83E-04	3.72E-04	1.24E-04	2.90E-04	5.96E-05
5575	624417.37	4266419.47	0.0019016	6.54E-04	1.59E-03	4.90E-04	3.76E-04	1.25E-04	2.93E-04	6.04E-05
5576	624447.04	4266420	0.0019743	6.79E-04	1.65E-03	5.08E-04	3.91E-04	1.30E-04	3.05E-04	6.27E-05
5577	624456.93	4266420.18	0.001998	6.87E-04	1.67E-03	5.14E-04	3.95E-04	1.32E-04	3.08E-04	6.34E-05
5578	624466.82	4266420.36	0.0020211	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
5579	624476.71	4266420.53	0.0020434	7.03E-04	1.71E-03	5.26E-04	4.04E-04	1.35E-04	3.15E-04	6.48E-05
5580	624486.6	4266420.71	0.0020645	7.10E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04	6.55E-05
5581	624496.49	4266420.89	0.0020845	7.17E-04	1.74E-03	5.37E-04	4.13E-04	1.37E-04	3.22E-04	6.62E-05
5582	624506.38	4266421.06	0.0021033	7.23E-04	1.76E-03	5.42E-04	4.16E-04	1.39E-04	3.25E-04	6.68E-05
5583	624516.27	4266421.24	0.0021207	7.29E-04	1.77E-03	5.46E-04	4.20E-04	1.40E-04	3.27E-04	6.73E-05
5584	624526.16	4266421.41	0.0021366	7.35E-04	1.79E-03	5.50E-04	4.23E-04	1.41E-04	3.30E-04	6.78E-05
5585	624536.04	4266421.59	0.0021508	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04	6.83E-05
5586	624545.93	4266421.77	0.0021631	7.44E-04	1.81E-03	5.57E-04	4.28E-04	1.43E-04	3.34E-04	6.86E-05
5587	624555.82	4266421.94	0.0021738	7.48E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.35E-04	6.90E-05
5588	624565.71	4266422.12	0.0021825	7.51E-04	1.82E-03	5.62E-04	4.32E-04	1.44E-04	3.37E-04	6.93E-05
5589	624575.6	4266422.3	0.0021895	7.53E-04	1.83E-03	5.64E-04	4.33E-04	1.44E-04	3.38E-04	6.95E-05
5590	624644.83	4266423.53	0.0021875	7.52E-04	1.83E-03	5.63E-04	4.33E-04	1.44E-04	3.38E-04	6.94E-05
5591	624654.72	4266423.71	0.0021807	7.50E-04	1.82E-03	5.61E-04	4.32E-04	1.44E-04	3.36E-04	6.92E-05
5592	624664.6	4266423.89	0.0021719	7.47E-04	1.82E-03	5.59E-04	4.30E-04	1.43E-04	3.35E-04	6.89E-05
5593	624674.49	4266424.06	0.0021612	7.43E-04	1.81E-03	5.56E-04	4.28E-04	1.42E-04	3.33E-04	6.86E-05
5594	624684.38	4266424.24	0.0021483	7.39E-04	1.80E-03	5.53E-04	4.25E-04	1.42E-04	3.31E-04	6.82E-05
5595	624694.27	4266424.42	0.0021336	7.34E-04	1.78E-03	5.49E-04	4.22E-04	1.41E-04	3.29E-04	6.77E-05
5596	624704.16	4266424.59	0.0021172	7.28E-04	1.77E-03	5.45E-04	4.19E-04	1.39E-04	3.27E-04	6.72E-05
5597	624714.05	4266424.77	0.0020989	7.22E-04	1.75E-03	5.40E-04	4.15E-04	1.38E-04	3.24E-04	6.66E-05
5598	624723.94	4266424.95	0.0020787	7.15E-04	1.74E-03	5.35E-04	4.11E-04	1.37E-04	3.21E-04	6.60E-05
5599	624733.83	4266425.12	0.0020567	7.07E-04	1.72E-03	5.30E-04	4.07E-04	1.36E-04	3.17E-04	6.53E-05
5600	624743.72	4266425.3	0.002033	6.99E-04	1.70E-03	5.23E-04	4.02E-04	1.34E-04	3.14E-04	6.45E-05
5601	624753.61	4266425.48	0.0020083	6.91E-04	1.68E-03	5.17E-04	3.98E-04	1.32E-04	3.10E-04	6.37E-05
5602	624763.5	4266425.65	0.0019829	6.82E-04	1.66E-03	5.11E-04	3.92E-04	1.31E-04	3.06E-04	6.29E-05
5603	624773.39	4266425.83	0.0019571	6.73E-04	1.64E-03	5.04E-04	3.87E-04	1.29E-04	3.02E-04	6.21E-05
5604	624783.27	4266426.01	0.0019314	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04	6.13E-05
5605	624793.16	4266426.18	0.0019055	6.55E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
5606	624803.05	4266426.36	0.0018792	6.46E-04	1.57E-03	4.84E-04	3.72E-04	1.24E-04	2.90E-04	5.96E-05

5607	624812.94	4266426.54	0.0018517	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
5608	624822.83	4266426.71	0.0018237	6.27E-04	1.52E-03	4.70E-04	3.61E-04	1.20E-04	2.81E-04	5.79E-05
5609	624832.72	4266426.89	0.0017949	6.17E-04	1.50E-03	4.62E-04	3.55E-04	1.18E-04	2.77E-04	5.70E-05
5610	624842.61	4266427.07	0.0017652	6.07E-04	1.48E-03	4.54E-04	3.49E-04	1.16E-04	2.72E-04	5.60E-05
5611	624338.95	4266439.43	0.0015952	5.49E-04	1.33E-03	4.11E-04	3.16E-04	1.05E-04	2.46E-04	5.06E-05
5612	624330.19	4266435.63	0.0015894	5.47E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04	5.04E-05
5613	624321.43	4266431.82	0.0015819	5.44E-04	1.32E-03	4.07E-04	3.13E-04	1.04E-04	2.44E-04	5.02E-05
5614	624312.67	4266428.02	0.0015726	5.41E-04	1.31E-03	4.05E-04	3.11E-04	1.04E-04	2.43E-04	4.99E-05
5615	624303.92	4266424.22	0.0015616	5.37E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04	4.96E-05
5616	624295.16	4266420.41	0.001549	5.33E-04	1.29E-03	3.99E-04	3.07E-04	1.02E-04	2.39E-04	4.92E-05
5617	624286.4	4266416.61	0.0015352	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04	4.87E-05
5618	624277.64	4266412.81	0.0015204	5.23E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.35E-04	4.83E-05
5619	624268.89	4266409	0.0015048	5.17E-04	1.26E-03	3.87E-04	2.98E-04	9.91E-05	2.32E-04	4.78E-05
5620	624260.13	4266405.2	0.0014883	5.12E-04	1.24E-03	3.83E-04	2.95E-04	9.81E-05	2.30E-04	4.72E-05
5621	624251.37	4266401.4	0.001471	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.69E-05	2.27E-04	4.67E-05
5622	624242.62	4266397.59	0.0014529	5.00E-04	1.21E-03	3.74E-04	2.88E-04	9.57E-05	2.24E-04	4.61E-05
5623	624233.86	4266393.79	0.0014336	4.93E-04	1.20E-03	3.69E-04	2.84E-04	9.45E-05	2.21E-04	4.55E-05
5624	624225.1	4266389.99	0.0014134	4.86E-04	1.18E-03	3.64E-04	2.80E-04	9.31E-05	2.18E-04	4.49E-05
5625	624216.34	4266386.18	0.0013923	4.79E-04	1.16E-03	3.58E-04	2.76E-04	9.17E-05	2.15E-04	4.42E-05
5626	624207.59	4266382.38	0.0013703	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.11E-04	4.35E-05
5627	624198.83	4266378.58	0.0013475	4.63E-04	1.13E-03	3.47E-04	2.67E-04	8.88E-05	2.08E-04	4.28E-05
5628	624190.07	4266374.78	0.0013241	4.55E-04	1.11E-03	3.41E-04	2.62E-04	8.72E-05	2.04E-04	4.20E-05
5629	624181.31	4266370.97	0.0013002	4.47E-04	1.09E-03	3.35E-04	2.57E-04	8.57E-05	2.01E-04	4.13E-05
5630	624172.56	4266367.17	0.0012758	4.39E-04	1.07E-03	3.28E-04	2.53E-04	8.41E-05	1.97E-04	4.05E-05
5631	624163.8	4266363.37	0.0012512	4.30E-04	1.05E-03	3.22E-04	2.48E-04	8.24E-05	1.93E-04	3.97E-05
5632	624155.04	4266359.56	0.0012264	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
5633	624146.28	4266355.76	0.0012016	4.13E-04	1.00E-03	3.09E-04	2.38E-04	7.92E-05	1.85E-04	3.81E-05
5634	624134.01	4266343.08	0.0011778	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5635	624130.49	4266334.2	0.0011781	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5636	624126.97	4266325.33	0.001178	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5637	624123.45	4266316.45	0.0011774	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5638	624119.94	4266307.58	0.0011764	4.05E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.82E-04	3.73E-05
5639	624081.24	4266209.95	0.0011292	3.88E-04	9.44E-04	2.91E-04	2.24E-04	7.44E-05	1.74E-04	3.58E-05
5640	624077.72	4266201.07	0.0011205	3.85E-04	9.37E-04	2.88E-04	2.22E-04	7.38E-05	1.73E-04	3.56E-05
5641	624074.2	4266192.19	0.0011108	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.32E-05	1.71E-04	3.53E-05
5642	624070.68	4266183.32	0.0011003	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
5643	624067.16	4266174.44	0.0010894	3.75E-04	9.11E-04	2.80E-04	2.16E-04	7.18E-05	1.68E-04	3.46E-05
5644	624063.65	4266165.57	0.0010781	3.71E-04	9.01E-04	2.78E-04	2.13E-04	7.10E-05	1.66E-04	3.42E-05
5645	624347.7	4266443.23	0.0015994	5.50E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04	5.08E-05
5646	624357.59	4266443.41	0.0016216	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04	5.15E-05
5647	624367.48	4266443.59	0.0016432	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.54E-04	5.21E-05
5648	624377.37	4266443.76	0.0016644	5.72E-04	1.39E-03	4.29E-04	3.29E-04	1.10E-04	2.57E-04	5.28E-05
5649	624387.26	4266443.94	0.001685	5.79E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04	5.35E-05
5650	624397.15	4266444.12	0.0017052	5.86E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04	5.41E-05
5651	624407.04	4266444.29	0.0017251	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
5652	624416.93	4266444.47	0.0017446	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.54E-05
5653	624426.82	4266444.64	0.001764	6.07E-04	1.47E-03	4.54E-04	3.49E-04	1.16E-04	2.72E-04	5.60E-05
5654	624436.71	4266444.82	0.0017831	6.13E-04	1.49E-03	4.59E-04	3.53E-04	1.17E-04	2.75E-04	5.66E-05
5655	624446.6	4266445	0.0018022	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.72E-05
5656	624456.48	4266445.17	0.001821	6.26E-04	1.52E-03	4.69E-04	3.60E-04	1.20E-04	2.81E-04	5.78E-05
5657	624466.37	4266445.35	0.0018392	6.32E-04	1.54E-03	4.74E-04	3.64E-04	1.21E-04	2.84E-04	5.84E-05
5658	624476.26	4266445.53	0.0018568	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04	5.89E-05
5659	624486.15	4266445.7	0.0018736	6.44E-04	1.57E-03	4.82E-04	3.71E-04	1.23E-04	2.89E-04	5.95E-05
5660	624496.04	4266445.88	0.0018895	6.50E-04	1.58E-03	4.86E-04	3.74E-04	1.24E-04	2.92E-04	6.00E-05
5661	624505.93	4266446.06	0.0019044	6.55E-04	1.59E-03	4.90E-04	3.77E-04	1.25E-04	2.94E-04	6.04E-05

5662	624515.82	4266446.23	0.0019184	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
5663	624525.71	4266446.41	0.0019311	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04	6.13E-05
5664	624594.93	4266447.65	0.0019806	6.81E-04	1.66E-03	5.10E-04	3.92E-04	1.30E-04	3.06E-04	6.29E-05
5665	624604.82	4266447.82	0.001982	6.82E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04	6.29E-05
5666	624614.71	4266448	0.001982	6.82E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04	6.29E-05
5667	624624.6	4266448.18	0.0019808	6.81E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04	6.29E-05
5668	624634.49	4266448.35	0.0019784	6.80E-04	1.65E-03	5.09E-04	3.92E-04	1.30E-04	3.05E-04	6.28E-05
5669	624644.38	4266448.53	0.0019748	6.79E-04	1.65E-03	5.08E-04	3.91E-04	1.30E-04	3.05E-04	6.27E-05
5670	624654.27	4266448.71	0.0019698	6.77E-04	1.65E-03	5.07E-04	3.90E-04	1.30E-04	3.04E-04	6.25E-05
5671	624664.16	4266448.88	0.0019632	6.75E-04	1.64E-03	5.05E-04	3.89E-04	1.29E-04	3.03E-04	6.23E-05
5672	624674.05	4266449.06	0.0019549	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.02E-04	6.20E-05
5673	624683.94	4266449.24	0.0019449	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.17E-05
5674	624693.83	4266449.41	0.0019333	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.98E-04	6.14E-05
5675	624703.71	4266449.59	0.0019199	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
5676	624713.6	4266449.77	0.0019049	6.55E-04	1.59E-03	4.90E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
5677	624723.49	4266449.94	0.0018883	6.49E-04	1.58E-03	4.86E-04	3.74E-04	1.24E-04	2.91E-04	5.99E-05
5678	624733.38	4266450.12	0.00187	6.43E-04	1.56E-03	4.81E-04	3.70E-04	1.23E-04	2.89E-04	5.93E-05
5679	624743.27	4266450.3	0.0018504	6.36E-04	1.55E-03	4.76E-04	3.66E-04	1.22E-04	2.86E-04	5.87E-05
5680	624753.16	4266450.47	0.0018299	6.29E-04	1.53E-03	4.71E-04	3.62E-04	1.21E-04	2.82E-04	5.81E-05
5681	624763.05	4266450.65	0.0018086	6.22E-04	1.51E-03	4.66E-04	3.58E-04	1.19E-04	2.79E-04	5.74E-05
5682	624772.94	4266450.83	0.0017871	6.15E-04	1.49E-03	4.60E-04	3.54E-04	1.18E-04	2.76E-04	5.67E-05
5683	624782.83	4266451	0.0017662	6.07E-04	1.48E-03	4.55E-04	3.50E-04	1.16E-04	2.73E-04	5.61E-05
5684	624792.72	4266451.18	0.0017451	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.54E-05
5685	624802.61	4266451.36	0.0017237	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
5686	624812.5	4266451.53	0.0017012	5.85E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04	5.40E-05
5687	624822.39	4266451.71	0.001678	5.77E-04	1.40E-03	4.32E-04	3.32E-04	1.11E-04	2.59E-04	5.33E-05
5688	624832.27	4266451.89	0.0016541	5.69E-04	1.38E-03	4.26E-04	3.27E-04	1.09E-04	2.55E-04	5.25E-05
5689	624842.16	4266452.06	0.0016297	5.60E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.51E-04	5.17E-05
5690	624338.05	4266489.42	0.00139	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.14E-04	4.41E-05
5691	624329.3	4266485.62	0.001388	4.77E-04	1.16E-03	3.57E-04	2.75E-04	9.15E-05	2.14E-04	4.41E-05
5692	624320.54	4266481.81	0.0013848	4.76E-04	1.16E-03	3.57E-04	2.74E-04	9.12E-05	2.14E-04	4.39E-05
5693	624311.78	4266478.01	0.00138	4.75E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04	4.38E-05
5694	624303.02	4266474.21	0.0013739	4.72E-04	1.15E-03	3.54E-04	2.72E-04	9.05E-05	2.12E-04	4.36E-05
5695	624294.27	4266470.41	0.0013665	4.70E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04	4.34E-05
5696	624285.51	4266466.6	0.0013579	4.67E-04	1.13E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04	4.31E-05
5697	624276.75	4266462.8	0.0013481	4.64E-04	1.13E-03	3.47E-04	2.67E-04	8.88E-05	2.08E-04	4.28E-05
5698	624267.99	4266459	0.0013376	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04	4.24E-05
5699	624259.24	4266455.19	0.0013264	4.56E-04	1.11E-03	3.41E-04	2.63E-04	8.74E-05	2.05E-04	4.21E-05
5700	624250.48	4266451.39	0.0013145	4.52E-04	1.10E-03	3.38E-04	2.60E-04	8.66E-05	2.03E-04	4.17E-05
5701	624241.72	4266447.59	0.0013021	4.48E-04	1.09E-03	3.35E-04	2.58E-04	8.58E-05	2.01E-04	4.13E-05
5702	624232.97	4266443.78	0.0012891	4.43E-04	1.08E-03	3.32E-04	2.55E-04	8.49E-05	1.99E-04	4.09E-05
5703	624224.21	4266439.98	0.0012753	4.39E-04	1.07E-03	3.28E-04	2.52E-04	8.40E-05	1.97E-04	4.05E-05
5704	624215.45	4266436.18	0.0012608	4.34E-04	1.05E-03	3.25E-04	2.50E-04	8.31E-05	1.95E-04	4.00E-05
5705	624206.69	4266432.37	0.0012456	4.28E-04	1.04E-03	3.21E-04	2.47E-04	8.21E-05	1.92E-04	3.95E-05
5706	624197.94	4266428.57	0.0012297	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05
5707	624189.18	4266424.77	0.0012129	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05
5708	624180.42	4266420.96	0.0011955	4.11E-04	9.99E-04	3.08E-04	2.37E-04	7.88E-05	1.84E-04	3.79E-05
5709	624171.66	4266417.16	0.0011774	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5710	624162.91	4266413.36	0.0011588	3.98E-04	9.69E-04	2.98E-04	2.29E-04	7.63E-05	1.79E-04	3.68E-05
5711	624154.15	4266409.55	0.0011397	3.92E-04	9.53E-04	2.93E-04	2.26E-04	7.51E-05	1.76E-04	3.62E-05
5712	624145.39	4266405.75	0.0011202	3.85E-04	9.36E-04	2.88E-04	2.22E-04	7.38E-05	1.73E-04	3.56E-05
5713	624136.63	4266401.95	0.0011002	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
5714	624127.88	4266398.14	0.00108	3.71E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
5715	624119.12	4266394.34	0.0010598	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04	3.36E-05
5716	624080.5	4266333.48	0.0010163	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04	3.23E-05

5717	624076.98	4266324.61	0.0010148	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
5718	624073.46	4266315.73	0.001013	3.48E-04	8.47E-04	2.61E-04	2.01E-04	6.67E-05	1.56E-04	3.21E-05
5719	624069.94	4266306.85	0.001011	3.48E-04	8.45E-04	2.60E-04	2.00E-04	6.66E-05	1.56E-04	3.21E-05
5720	624066.42	4266297.98	0.0010088	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.20E-05
5721	624062.91	4266289.1	0.0010063	3.46E-04	8.41E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04	3.19E-05
5722	624059.39	4266280.23	0.0010035	3.45E-04	8.39E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04	3.18E-05
5723	624055.87	4266271.35	0.0010004	3.44E-04	8.36E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04	3.17E-05
5724	624052.35	4266262.48	0.00099682	3.43E-04	8.33E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.16E-05
5725	624048.83	4266253.6	0.00099278	3.41E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04	3.15E-05
5726	624045.31	4266244.72	0.00098816	3.40E-04	8.26E-04	2.54E-04	1.96E-04	6.51E-05	1.52E-04	3.14E-05
5727	624041.8	4266235.85	0.0009829	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04	3.12E-05
5728	624038.28	4266226.97	0.00097693	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04	3.10E-05
5729	624034.76	4266218.1	0.00097025	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
5730	624031.24	4266209.22	0.00096287	3.31E-04	8.05E-04	2.48E-04	1.91E-04	6.34E-05	1.49E-04	3.06E-05
5731	624027.72	4266200.35	0.00095486	3.28E-04	7.98E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
5732	624024.21	4266191.47	0.00094648	3.25E-04	7.91E-04	2.44E-04	1.87E-04	6.24E-05	1.46E-04	3.00E-05
5733	624020.69	4266182.6	0.00093781	3.22E-04	7.84E-04	2.41E-04	1.86E-04	6.18E-05	1.45E-04	2.98E-05
5734	624017.17	4266173.72	0.00092889	3.19E-04	7.76E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
5735	624013.65	4266164.84	0.00091979	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04	2.92E-05
5736	624346.81	4266493.22	0.0013907	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.15E-04	4.41E-05
5737	624356.7	4266493.4	0.0014057	4.83E-04	1.17E-03	3.62E-04	2.78E-04	9.26E-05	2.17E-04	4.46E-05
5738	624366.59	4266493.58	0.0014202	4.88E-04	1.19E-03	3.66E-04	2.81E-04	9.36E-05	2.19E-04	4.51E-05
5739	624376.48	4266493.75	0.0014342	4.93E-04	1.20E-03	3.69E-04	2.84E-04	9.45E-05	2.21E-04	4.55E-05
5740	624386.37	4266493.93	0.0014477	4.98E-04	1.21E-03	3.73E-04	2.87E-04	9.54E-05	2.23E-04	4.59E-05
5741	624396.26	4266494.11	0.0014608	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.62E-05	2.25E-04	4.64E-05
5742	624406.15	4266494.28	0.0014735	5.07E-04	1.23E-03	3.79E-04	2.92E-04	9.71E-05	2.27E-04	4.68E-05
5743	624416.04	4266494.46	0.0014859	5.11E-04	1.24E-03	3.83E-04	2.94E-04	9.79E-05	2.29E-04	4.72E-05
5744	624485.26	4266495.7	0.0015657	5.38E-04	1.31E-03	4.03E-04	3.10E-04	1.03E-04	2.42E-04	4.97E-05
5745	624495.15	4266495.87	0.0015755	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
5746	624505.04	4266496.05	0.0015848	5.45E-04	1.32E-03	4.08E-04	3.14E-04	1.04E-04	2.45E-04	5.03E-05
5747	624514.93	4266496.23	0.0015934	5.48E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04	5.06E-05
5748	624524.82	4266496.4	0.0016014	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.06E-04	2.47E-04	5.08E-05
5749	624534.71	4266496.58	0.0016087	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.11E-05
5750	624544.59	4266496.76	0.0016151	5.55E-04	1.35E-03	4.16E-04	3.20E-04	1.06E-04	2.49E-04	5.13E-05
5751	624554.48	4266496.93	0.0016208	5.57E-04	1.35E-03	4.17E-04	3.21E-04	1.07E-04	2.50E-04	5.14E-05
5752	624564.37	4266497.11	0.0016255	5.59E-04	1.36E-03	4.19E-04	3.22E-04	1.07E-04	2.51E-04	5.16E-05
5753	624574.26	4266497.29	0.0016294	5.60E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.51E-04	5.17E-05
5754	624584.15	4266497.46	0.0016326	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.08E-04	2.52E-04	5.18E-05
5755	624594.04	4266497.64	0.001635	5.62E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.52E-04	5.19E-05
5756	624603.93	4266497.82	0.0016366	5.63E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.53E-04	5.19E-05
5757	624613.82	4266497.99	0.0016374	5.63E-04	1.37E-03	4.22E-04	3.24E-04	1.08E-04	2.53E-04	5.20E-05
5758	624623.71	4266498.17	0.0016375	5.63E-04	1.37E-03	4.22E-04	3.24E-04	1.08E-04	2.53E-04	5.20E-05
5759	624633.6	4266498.35	0.0016367	5.63E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.53E-04	5.19E-05
5760	624643.49	4266498.52	0.0016351	5.62E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.52E-04	5.19E-05
5761	624653.38	4266498.7	0.0016324	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.08E-04	2.52E-04	5.18E-05
5762	624663.27	4266498.88	0.0016285	5.60E-04	1.36E-03	4.19E-04	3.22E-04	1.07E-04	2.51E-04	5.17E-05
5763	624673.15	4266499.05	0.0016234	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04	5.15E-05
5764	624683.04	4266499.23	0.0016168	5.56E-04	1.35E-03	4.16E-04	3.20E-04	1.07E-04	2.49E-04	5.13E-05
5765	624692.93	4266499.41	0.0016089	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.11E-05
5766	624702.82	4266499.58	0.0015998	5.50E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04	5.08E-05
5767	624712.71	4266499.76	0.0015893	5.47E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04	5.04E-05
5768	624722.6	4266499.94	0.0015777	5.43E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.01E-05
5769	624732.49	4266500.11	0.0015651	5.38E-04	1.31E-03	4.03E-04	3.10E-04	1.03E-04	2.42E-04	4.97E-05
5770	624742.38	4266500.29	0.0015517	5.34E-04	1.30E-03	3.99E-04	3.07E-04	1.02E-04	2.39E-04	4.92E-05
5771	624752.27	4266500.46	0.0015377	5.29E-04	1.29E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05

5772	624762.16	4266500.64	0.0015232	5.24E-04	1.27E-03	3.92E-04	3.02E-04	1.00E-04	2.35E-04	4.83E-05
5773	624772.05	4266500.82	0.0015085	5.19E-04	1.26E-03	3.88E-04	2.99E-04	9.94E-05	2.33E-04	4.79E-05
5774	624781.94	4266500.99	0.0014943	5.14E-04	1.25E-03	3.85E-04	2.96E-04	9.85E-05	2.31E-04	4.74E-05
5775	624791.82	4266501.17	0.0014799	5.09E-04	1.24E-03	3.81E-04	2.93E-04	9.75E-05	2.28E-04	4.70E-05
5776	624801.71	4266501.35	0.0014653	5.04E-04	1.22E-03	3.77E-04	2.90E-04	9.65E-05	2.26E-04	4.65E-05
5777	624811.6	4266501.52	0.0014499	4.99E-04	1.21E-03	3.73E-04	2.87E-04	9.55E-05	2.24E-04	4.60E-05
5778	624821.49	4266501.7	0.0014339	4.93E-04	1.20E-03	3.69E-04	2.84E-04	9.45E-05	2.21E-04	4.55E-05
5779	624831.38	4266501.88	0.0014174	4.87E-04	1.18E-03	3.65E-04	2.81E-04	9.34E-05	2.19E-04	4.50E-05
5780	624841.27	4266502.05	0.0014004	4.82E-04	1.17E-03	3.61E-04	2.77E-04	9.23E-05	2.16E-04	4.44E-05
5781	624318.8	4266531.44	0.0012213	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04	3.88E-05
5782	624309.76	4266527.51	0.0012195	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.03E-05	1.88E-04	3.87E-05
5783	624300.72	4266523.59	0.0012163	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04	3.86E-05
5784	624291.68	4266519.66	0.001212	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05
5785	624282.64	4266515.74	0.0012066	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04	3.83E-05
5786	624273.6	4266511.81	0.0012002	4.13E-04	1.00E-03	3.09E-04	2.38E-04	7.91E-05	1.85E-04	3.81E-05
5787	624264.56	4266507.88	0.0011929	4.10E-04	9.97E-04	3.07E-04	2.36E-04	7.86E-05	1.84E-04	3.79E-05
5788	624255.52	4266503.96	0.0011848	4.07E-04	9.90E-04	3.05E-04	2.35E-04	7.81E-05	1.83E-04	3.76E-05
5789	624246.48	4266500.03	0.0011762	4.04E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.81E-04	3.73E-05
5790	624237.44	4266496.11	0.0011672	4.01E-04	9.76E-04	3.01E-04	2.31E-04	7.69E-05	1.80E-04	3.70E-05
5791	624228.4	4266492.18	0.0011575	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.63E-05	1.79E-04	3.67E-05
5792	624219.36	4266488.25	0.0011472	3.94E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04	3.64E-05
5793	624210.32	4266484.33	0.0011366	3.91E-04	9.50E-04	2.93E-04	2.25E-04	7.49E-05	1.75E-04	3.61E-05
5794	624201.28	4266480.4	0.0011255	3.87E-04	9.41E-04	2.90E-04	2.23E-04	7.42E-05	1.74E-04	3.57E-05
5795	624192.24	4266476.48	0.0011137	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04	3.53E-05
5796	624183.2	4266472.55	0.0011012	3.79E-04	9.20E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.49E-05
5797	624174.16	4266468.63	0.0010879	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.17E-05	1.68E-04	3.45E-05
5798	624165.12	4266464.7	0.0010742	3.69E-04	8.98E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04	3.41E-05
5799	624156.08	4266460.77	0.00106	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04	3.36E-05
5800	624147.04	4266456.85	0.001045	3.59E-04	8.73E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04	3.32E-05
5801	624138	4266452.92	0.0010295	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04	3.27E-05
5802	624128.96	4266449	0.0010136	3.49E-04	8.47E-04	2.61E-04	2.01E-04	6.68E-05	1.56E-04	3.22E-05
5803	624119.92	4266445.07	0.0009972	3.43E-04	8.34E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.16E-05
5804	624074.72	4266425.44	0.00091173	3.14E-04	7.62E-04	2.35E-04	1.80E-04	6.01E-05	1.41E-04	2.89E-05
5805	624062.05	4266412.35	0.0008941	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
5806	624058.42	4266403.19	0.00089344	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
5807	624054.79	4266394.03	0.00089261	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
5808	624051.16	4266384.87	0.00089158	3.07E-04	7.45E-04	2.30E-04	1.76E-04	5.87E-05	1.38E-04	2.83E-05
5809	624047.52	4266375.7	0.0008904	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04	2.83E-05
5810	624043.89	4266366.54	0.00088908	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
5811	624040.26	4266357.38	0.00088765	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
5812	624036.63	4266348.22	0.00088613	3.05E-04	7.41E-04	2.28E-04	1.75E-04	5.84E-05	1.37E-04	2.81E-05
5813	624033	4266339.06	0.00088455	3.04E-04	7.39E-04	2.28E-04	1.75E-04	5.83E-05	1.36E-04	2.81E-05
5814	624029.37	4266329.9	0.00088285	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05
5815	624025.74	4266320.73	0.00088105	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04	2.80E-05
5816	624022.1	4266311.57	0.00087915	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04	2.79E-05
5817	624018.47	4266302.41	0.00087729	3.02E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.78E-05
5818	624014.84	4266293.25	0.00087516	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04	2.78E-05
5819	624011.21	4266284.09	0.00087272	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
5820	624007.58	4266274.92	0.00086994	2.99E-04	7.27E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04	2.76E-05
5821	624003.95	4266265.76	0.00086681	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
5822	624000.31	4266256.6	0.00086319	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.69E-05	1.33E-04	2.74E-05
5823	623996.68	4266247.44	0.00085895	2.95E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04	2.73E-05
5824	623993.05	4266238.28	0.00085407	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04	2.71E-05
5825	623989.42	4266229.11	0.00084859	2.92E-04	7.09E-04	2.18E-04	1.68E-04	5.59E-05	1.31E-04	2.69E-05
5826	623985.79	4266219.95	0.00084253	2.90E-04	7.04E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04	2.67E-05

5827	623982.16	4266210.79	0.00083593	2.87E-04	6.99E-04	2.15E-04	1.65E-04	5.51E-05	1.29E-04	2.65E-05
5828	623978.52	4266201.63	0.00082884	2.85E-04	6.93E-04	2.13E-04	1.64E-04	5.46E-05	1.28E-04	2.63E-05
5829	623974.89	4266192.47	0.00082152	2.83E-04	6.87E-04	2.12E-04	1.63E-04	5.41E-05	1.27E-04	2.61E-05
5830	623971.26	4266183.3	0.00081409	2.80E-04	6.80E-04	2.10E-04	1.61E-04	5.36E-05	1.26E-04	2.58E-05
5831	623967.63	4266174.14	0.00080654	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.31E-05	1.24E-04	2.56E-05
5832	623964	4266164.98	0.00079893	2.75E-04	6.68E-04	2.06E-04	1.58E-04	5.26E-05	1.23E-04	2.54E-05
5833	624365.7	4266543.57	0.00124	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.17E-05	1.91E-04	3.94E-05
5834	624375.59	4266543.75	0.0012492	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.23E-05	1.93E-04	3.96E-05
5835	624385.47	4266543.92	0.001258	4.33E-04	1.05E-03	3.24E-04	2.49E-04	8.29E-05	1.94E-04	3.99E-05
5836	624395.36	4266544.1	0.0012664	4.35E-04	1.06E-03	3.26E-04	2.51E-04	8.34E-05	1.95E-04	4.02E-05
5837	624405.25	4266544.28	0.0012744	4.38E-04	1.07E-03	3.28E-04	2.52E-04	8.40E-05	1.97E-04	4.04E-05
5838	624415.14	4266544.45	0.0012822	4.41E-04	1.07E-03	3.30E-04	2.54E-04	8.45E-05	1.98E-04	4.07E-05
5839	624425.03	4266544.63	0.0012896	4.43E-04	1.08E-03	3.32E-04	2.55E-04	8.50E-05	1.99E-04	4.09E-05
5840	624434.92	4266544.81	0.0012968	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.54E-05	2.00E-04	4.12E-05
5841	624444.81	4266544.98	0.0013038	4.48E-04	1.09E-03	3.36E-04	2.58E-04	8.59E-05	2.01E-04	4.14E-05
5842	624454.7	4266545.16	0.0013106	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.64E-05	2.02E-04	4.16E-05
5843	624464.59	4266545.34	0.0013172	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04	4.18E-05
5844	624474.48	4266545.51	0.0013237	4.55E-04	1.11E-03	3.41E-04	2.62E-04	8.72E-05	2.04E-04	4.20E-05
5845	624484.37	4266545.69	0.0013299	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.76E-05	2.05E-04	4.22E-05
5846	624494.26	4266545.87	0.0013357	4.59E-04	1.12E-03	3.44E-04	2.64E-04	8.80E-05	2.06E-04	4.24E-05
5847	624504.15	4266546.04	0.0013414	4.61E-04	1.12E-03	3.45E-04	2.66E-04	8.84E-05	2.07E-04	4.26E-05
5848	624514.03	4266546.22	0.0013466	4.63E-04	1.13E-03	3.47E-04	2.67E-04	8.87E-05	2.08E-04	4.27E-05
5849	624523.92	4266546.4	0.0013516	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.90E-05	2.09E-04	4.29E-05
5850	624533.81	4266546.57	0.0013562	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.94E-05	2.09E-04	4.30E-05
5851	624543.7	4266546.75	0.0013604	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04	4.32E-05
5852	624553.59	4266546.92	0.0013642	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.11E-04	4.33E-05
5853	624563.48	4266547.1	0.0013676	4.70E-04	1.14E-03	3.52E-04	2.71E-04	9.01E-05	2.11E-04	4.34E-05
5854	624573.37	4266547.28	0.0013707	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.12E-04	4.35E-05
5855	624583.26	4266547.45	0.0013734	4.72E-04	1.15E-03	3.54E-04	2.72E-04	9.05E-05	2.12E-04	4.36E-05
5856	624593.15	4266547.63	0.0013756	4.73E-04	1.15E-03	3.54E-04	2.72E-04	9.06E-05	2.12E-04	4.37E-05
5857	624603.04	4266547.81	0.0013774	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.08E-05	2.13E-04	4.37E-05
5858	624612.93	4266547.98	0.0013788	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.08E-05	2.13E-04	4.38E-05
5859	624622.82	4266548.16	0.0013795	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04	4.38E-05
5860	624632.7	4266548.34	0.0013796	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04	4.38E-05
5861	624642.59	4266548.51	0.0013789	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04	4.38E-05
5862	624652.48	4266548.69	0.0013773	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.07E-05	2.13E-04	4.37E-05
5863	624662.37	4266548.87	0.0013746	4.73E-04	1.15E-03	3.54E-04	2.72E-04	9.06E-05	2.12E-04	4.36E-05
5864	624672.26	4266549.04	0.001371	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.12E-04	4.35E-05
5865	624682.15	4266549.22	0.0013662	4.70E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04	4.34E-05
5866	624692.04	4266549.4	0.0013603	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04	4.32E-05
5867	624701.93	4266549.57	0.0013536	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.92E-05	2.09E-04	4.30E-05
5868	624711.82	4266549.75	0.0013459	4.63E-04	1.12E-03	3.47E-04	2.66E-04	8.87E-05	2.08E-04	4.27E-05
5869	624721.71	4266549.93	0.0013376	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04	4.25E-05
5870	624731.6	4266550.1	0.0013287	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04	4.22E-05
5871	624741.49	4266550.28	0.0013194	4.54E-04	1.10E-03	3.40E-04	2.61E-04	8.69E-05	2.04E-04	4.19E-05
5872	624751.38	4266550.46	0.0013097	4.50E-04	1.09E-03	3.37E-04	2.59E-04	8.63E-05	2.02E-04	4.16E-05
5873	624761.26	4266550.63	0.0012999	4.47E-04	1.09E-03	3.35E-04	2.57E-04	8.56E-05	2.01E-04	4.13E-05
5874	624771.15	4266550.81	0.0012899	4.44E-04	1.08E-03	3.32E-04	2.55E-04	8.50E-05	1.99E-04	4.09E-05
5875	624781.04	4266550.99	0.00128	4.40E-04	1.07E-03	3.30E-04	2.53E-04	8.43E-05	1.98E-04	4.06E-05
5876	624790.93	4266551.16	0.0012703	4.37E-04	1.06E-03	3.27E-04	2.51E-04	8.37E-05	1.96E-04	4.03E-05
5877	624800.82	4266551.34	0.0012602	4.33E-04	1.05E-03	3.24E-04	2.49E-04	8.30E-05	1.94E-04	4.00E-05
5878	624810.71	4266551.52	0.0012496	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.23E-05	1.93E-04	3.97E-05
5879	624820.6	4266551.69	0.0012385	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04	3.93E-05
5880	624830.49	4266551.87	0.001227	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
5881	624840.38	4266552.05	0.001215	4.18E-04	1.02E-03	3.13E-04	2.40E-04	8.01E-05	1.87E-04	3.86E-05

5882	624336.02	4266589.3	0.0010817	3.72E-04	9.04E-04	2.78E-04	2.14E-04	7.13E-05	1.67E-04	3.43E-05
5883	624327.01	4266585.38	0.0010837	3.73E-04	9.06E-04	2.79E-04	2.15E-04	7.14E-05	1.67E-04	3.44E-05
5884	624318	4266581.47	0.0010848	3.73E-04	9.07E-04	2.79E-04	2.15E-04	7.15E-05	1.67E-04	3.44E-05
5885	624309	4266577.56	0.001085	3.73E-04	9.07E-04	2.79E-04	2.15E-04	7.15E-05	1.67E-04	3.44E-05
5886	624299.99	4266573.65	0.0010841	3.73E-04	9.06E-04	2.79E-04	2.15E-04	7.14E-05	1.67E-04	3.44E-05
5887	624245.94	4266550.18	0.0010595	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.63E-04	3.36E-05
5888	624236.93	4266546.27	0.0010528	3.62E-04	8.80E-04	2.71E-04	2.08E-04	6.94E-05	1.62E-04	3.34E-05
5889	624227.93	4266542.35	0.001046	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04	3.32E-05
5890	624218.92	4266538.44	0.0010391	3.57E-04	8.69E-04	2.68E-04	2.06E-04	6.85E-05	1.60E-04	3.30E-05
5891	624209.91	4266534.53	0.0010319	3.55E-04	8.63E-04	2.66E-04	2.04E-04	6.80E-05	1.59E-04	3.27E-05
5892	624200.9	4266530.62	0.0010243	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04	3.25E-05
5893	624191.9	4266526.71	0.0010164	3.50E-04	8.50E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04	3.23E-05
5894	624182.89	4266522.8	0.001008	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04	3.20E-05
5895	624173.88	4266518.88	0.00099918	3.44E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
5896	624164.87	4266514.97	0.00098976	3.40E-04	8.27E-04	2.55E-04	1.96E-04	6.52E-05	1.53E-04	3.14E-05
5897	624155.87	4266511.06	0.00097975	3.37E-04	8.19E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
5898	624146.86	4266507.15	0.00096916	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
5899	624137.85	4266503.24	0.00095799	3.29E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04	3.04E-05
5900	624128.84	4266499.32	0.00094625	3.25E-04	7.91E-04	2.44E-04	1.87E-04	6.23E-05	1.46E-04	3.00E-05
5901	624119.84	4266495.41	0.00093397	3.21E-04	7.81E-04	2.40E-04	1.85E-04	6.15E-05	1.44E-04	2.96E-05
5902	624074.8	4266475.85	0.00086609	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04	2.75E-05
5903	624065.79	4266471.94	0.00085163	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04	2.70E-05
5904	624056.78	4266468.03	0.00083705	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
5905	624047.78	4266464.12	0.00082244	2.83E-04	6.87E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
5906	624038.77	4266460.21	0.00080786	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05
5907	624026.14	4266447.16	0.00079256	2.73E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.52E-05
5908	624022.52	4266438.04	0.00079161	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
5909	624018.91	4266428.91	0.00079058	2.72E-04	6.61E-04	2.04E-04	1.56E-04	5.21E-05	1.22E-04	2.51E-05
5910	624015.29	4266419.78	0.00078943	2.71E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04	2.51E-05
5911	624011.67	4266410.65	0.0007882	2.71E-04	6.59E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04	2.50E-05
5912	624008.05	4266401.52	0.00078691	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.18E-05	1.21E-04	2.50E-05
5913	624004.43	4266392.39	0.00078556	2.70E-04	6.57E-04	2.02E-04	1.55E-04	5.18E-05	1.21E-04	2.49E-05
5914	624000.81	4266383.26	0.00078418	2.70E-04	6.55E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
5915	623997.19	4266374.13	0.0007828	2.69E-04	6.54E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.48E-05
5916	623993.57	4266365	0.00078143	2.69E-04	6.53E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
5917	623989.96	4266355.87	0.00078008	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.48E-05
5918	623986.34	4266346.74	0.0007787	2.68E-04	6.51E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
5919	623982.72	4266337.61	0.00077735	2.67E-04	6.50E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.47E-05
5920	623979.1	4266328.48	0.00077597	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04	2.46E-05
5921	623975.48	4266319.36	0.00077454	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.20E-04	2.46E-05
5922	623971.86	4266310.23	0.00077299	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
5923	623968.24	4266301.1	0.0007713	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04	2.45E-05
5924	623964.62	4266291.97	0.00076934	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
5925	623961.01	4266282.84	0.00076716	2.64E-04	6.41E-04	1.98E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
5926	623957.39	4266273.71	0.00076475	2.63E-04	6.39E-04	1.97E-04	1.51E-04	5.04E-05	1.18E-04	2.43E-05
5927	623953.77	4266264.58	0.00076182	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
5928	623950.15	4266255.45	0.00075841	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
5929	623946.53	4266246.32	0.00075445	2.59E-04	6.31E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.39E-05
5930	623942.91	4266237.19	0.00075006	2.58E-04	6.27E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04	2.38E-05
5931	623939.29	4266228.06	0.00074524	2.56E-04	6.23E-04	1.92E-04	1.48E-04	4.91E-05	1.15E-04	2.37E-05
5932	623935.68	4266218.93	0.0007399	2.54E-04	6.18E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04	2.35E-05
5933	623932.06	4266209.8	0.0007341	2.52E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04	2.33E-05
5934	623928.44	4266200.67	0.00072799	2.50E-04	6.08E-04	1.87E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
5935	623924.82	4266191.55	0.00072173	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.76E-05	1.11E-04	2.29E-05
5936	623921.2	4266182.42	0.0007155	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04	2.27E-05

5937	623917.58	4266173.29	0.00070919	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
5938	623913.96	4266164.16	0.00070282	2.42E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
5939	623910.34	4266155.03	0.00069624	2.39E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.07E-04	2.21E-05
5940	624345.03	4266593.21	0.0010788	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.66E-04	3.42E-05
5941	624354.91	4266593.38	0.0010857	3.73E-04	9.07E-04	2.80E-04	2.15E-04	7.15E-05	1.68E-04	3.45E-05
5942	624364.8	4266593.56	0.001092	3.76E-04	9.13E-04	2.81E-04	2.16E-04	7.19E-05	1.69E-04	3.47E-05
5943	624374.69	4266593.74	0.0010979	3.78E-04	9.18E-04	2.83E-04	2.17E-04	7.23E-05	1.69E-04	3.48E-05
5944	624384.58	4266593.91	0.0011034	3.79E-04	9.22E-04	2.84E-04	2.18E-04	7.27E-05	1.70E-04	3.50E-05
5945	624394.47	4266594.09	0.0011086	3.81E-04	9.27E-04	2.85E-04	2.19E-04	7.30E-05	1.71E-04	3.52E-05
5946	624404.36	4266594.27	0.0011135	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04	3.53E-05
5947	624414.25	4266594.44	0.0011181	3.84E-04	9.35E-04	2.88E-04	2.21E-04	7.37E-05	1.73E-04	3.55E-05
5948	624424.14	4266594.62	0.0011224	3.86E-04	9.38E-04	2.89E-04	2.22E-04	7.40E-05	1.73E-04	3.56E-05
5949	624434.03	4266594.8	0.0011265	3.87E-04	9.42E-04	2.90E-04	2.23E-04	7.42E-05	1.74E-04	3.58E-05
5950	624443.92	4266594.97	0.0011305	3.89E-04	9.45E-04	2.91E-04	2.24E-04	7.45E-05	1.74E-04	3.59E-05
5951	624453.81	4266595.15	0.0011344	3.90E-04	9.48E-04	2.92E-04	2.25E-04	7.47E-05	1.75E-04	3.60E-05
5952	624463.7	4266595.33	0.0011381	3.91E-04	9.51E-04	2.93E-04	2.25E-04	7.50E-05	1.76E-04	3.61E-05
5953	624473.58	4266595.5	0.0011418	3.93E-04	9.54E-04	2.94E-04	2.26E-04	7.52E-05	1.76E-04	3.62E-05
5954	624483.47	4266595.68	0.0011453	3.94E-04	9.57E-04	2.95E-04	2.27E-04	7.55E-05	1.77E-04	3.63E-05
5955	624493.36	4266595.86	0.0011488	3.95E-04	9.60E-04	2.96E-04	2.27E-04	7.57E-05	1.77E-04	3.65E-05
5956	624503.25	4266596.03	0.0011522	3.96E-04	9.63E-04	2.97E-04	2.28E-04	7.59E-05	1.78E-04	3.66E-05
5957	624513.14	4266596.21	0.0011555	3.97E-04	9.66E-04	2.97E-04	2.29E-04	7.61E-05	1.78E-04	3.67E-05
5958	624523.03	4266596.39	0.0011586	3.98E-04	9.68E-04	2.98E-04	2.29E-04	7.63E-05	1.79E-04	3.68E-05
5959	624532.92	4266596.56	0.0011616	3.99E-04	9.71E-04	2.99E-04	2.30E-04	7.65E-05	1.79E-04	3.69E-05
5960	624542.81	4266596.74	0.0011645	4.00E-04	9.73E-04	3.00E-04	2.30E-04	7.67E-05	1.80E-04	3.70E-05
5961	624552.7	4266596.92	0.0011672	4.01E-04	9.76E-04	3.01E-04	2.31E-04	7.69E-05	1.80E-04	3.70E-05
5962	624562.59	4266597.09	0.0011698	4.02E-04	9.78E-04	3.01E-04	2.32E-04	7.71E-05	1.81E-04	3.71E-05
5963	624572.48	4266597.27	0.0011723	4.03E-04	9.80E-04	3.02E-04	2.32E-04	7.72E-05	1.81E-04	3.72E-05
5964	624582.37	4266597.45	0.0011745	4.04E-04	9.82E-04	3.02E-04	2.32E-04	7.74E-05	1.81E-04	3.73E-05
5965	624592.26	4266597.62	0.0011766	4.05E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.82E-04	3.73E-05
5966	624602.14	4266597.8	0.0011784	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5967	624612.03	4266597.98	0.0011798	4.06E-04	9.86E-04	3.04E-04	2.34E-04	7.77E-05	1.82E-04	3.74E-05
5968	624621.92	4266598.15	0.0011806	4.06E-04	9.87E-04	3.04E-04	2.34E-04	7.78E-05	1.82E-04	3.75E-05
5969	624631.81	4266598.33	0.0011809	4.06E-04	9.87E-04	3.04E-04	2.34E-04	7.78E-05	1.82E-04	3.75E-05
5970	624641.7	4266598.51	0.0011805	4.06E-04	9.87E-04	3.04E-04	2.34E-04	7.78E-05	1.82E-04	3.75E-05
5971	624651.59	4266598.68	0.0011793	4.06E-04	9.86E-04	3.04E-04	2.33E-04	7.77E-05	1.82E-04	3.74E-05
5972	624661.48	4266598.86	0.0011772	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5973	624671.37	4266599.04	0.0011742	4.04E-04	9.81E-04	3.02E-04	2.32E-04	7.74E-05	1.81E-04	3.73E-05
5974	624681.26	4266599.21	0.0011704	4.02E-04	9.78E-04	3.01E-04	2.32E-04	7.71E-05	1.81E-04	3.71E-05
5975	624691.15	4266599.39	0.0011658	4.01E-04	9.74E-04	3.00E-04	2.31E-04	7.68E-05	1.80E-04	3.70E-05
5976	624701.04	4266599.57	0.0011606	3.99E-04	9.70E-04	2.99E-04	2.30E-04	7.65E-05	1.79E-04	3.68E-05
5977	624710.93	4266599.74	0.0011549	3.97E-04	9.65E-04	2.97E-04	2.29E-04	7.61E-05	1.78E-04	3.67E-05
5978	624720.81	4266599.92	0.0011488	3.95E-04	9.60E-04	2.96E-04	2.27E-04	7.57E-05	1.77E-04	3.65E-05
5979	624730.7	4266600.1	0.0011423	3.93E-04	9.55E-04	2.94E-04	2.26E-04	7.53E-05	1.76E-04	3.63E-05
5980	624740.59	4266600.27	0.0011357	3.91E-04	9.49E-04	2.92E-04	2.25E-04	7.48E-05	1.75E-04	3.60E-05
5981	624750.48	4266600.45	0.001129	3.88E-04	9.44E-04	2.91E-04	2.23E-04	7.44E-05	1.74E-04	3.58E-05
5982	624760.37	4266600.63	0.0011221	3.86E-04	9.38E-04	2.89E-04	2.22E-04	7.39E-05	1.73E-04	3.56E-05
5983	624770.26	4266600.8	0.0011152	3.84E-04	9.32E-04	2.87E-04	2.21E-04	7.35E-05	1.72E-04	3.54E-05
5984	624780.15	4266600.98	0.0011085	3.81E-04	9.27E-04	2.85E-04	2.19E-04	7.30E-05	1.71E-04	3.52E-05
5985	624790.04	4266601.16	0.0011018	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.50E-05
5986	624799.93	4266601.33	0.0010949	3.76E-04	9.15E-04	2.82E-04	2.17E-04	7.21E-05	1.69E-04	3.47E-05
5987	624809.82	4266601.51	0.0010875	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.17E-05	1.68E-04	3.45E-05
5988	624819.71	4266601.69	0.0010797	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04	3.43E-05
5989	624829.6	4266601.86	0.0010717	3.69E-04	8.96E-04	2.76E-04	2.12E-04	7.06E-05	1.65E-04	3.40E-05
5990	624839.49	4266602.04	0.0010632	3.66E-04	8.89E-04	2.74E-04	2.10E-04	7.01E-05	1.64E-04	3.37E-05
5991	624335.15	4266639.3	0.00096385	3.31E-04	8.06E-04	2.48E-04	1.91E-04	6.35E-05	1.49E-04	3.06E-05

5992	624326.17	4266635.4	0.00096686	3.32E-04	8.08E-04	2.49E-04	1.91E-04	6.37E-05	1.49E-04	3.07E-05
5993	624317.19	4266631.5	0.00096918	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
5994	624308.2	4266627.6	0.00097073	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
5995	624299.22	4266623.7	0.00097148	3.34E-04	8.12E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
5996	624290.24	4266619.8	0.00097119	3.34E-04	8.12E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
5997	624281.26	4266615.9	0.00096982	3.33E-04	8.11E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
5998	624272.28	4266611.99	0.00096766	3.33E-04	8.09E-04	2.49E-04	1.92E-04	6.38E-05	1.49E-04	3.07E-05
5999	624263.3	4266608.09	0.00096476	3.32E-04	8.06E-04	2.48E-04	1.91E-04	6.36E-05	1.49E-04	3.06E-05
6000	624254.31	4266604.19	0.00096161	3.31E-04	8.04E-04	2.48E-04	1.90E-04	6.34E-05	1.48E-04	3.05E-05
6001	624245.33	4266600.29	0.00095791	3.29E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04	3.04E-05
6002	624236.35	4266596.39	0.00095374	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.28E-05	1.47E-04	3.03E-05
6003	624227.37	4266592.49	0.00094921	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
6004	624218.39	4266588.59	0.00094436	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	3.00E-05
6005	624209.4	4266584.69	0.00093928	3.23E-04	7.85E-04	2.42E-04	1.86E-04	6.19E-05	1.45E-04	2.98E-05
6006	624155.51	4266561.29	0.00090349	3.11E-04	7.55E-04	2.33E-04	1.79E-04	5.95E-05	1.39E-04	2.87E-05
6007	624146.53	4266557.39	0.00089623	3.08E-04	7.49E-04	2.31E-04	1.77E-04	5.90E-05	1.38E-04	2.84E-05
6008	624137.55	4266553.48	0.00088848	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
6009	624128.57	4266549.58	0.00088021	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
6010	624119.59	4266545.68	0.0008714	3.00E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04	2.77E-05
6011	624065.69	4266522.28	0.00080846	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
6012	624056.71	4266518.38	0.00079661	2.74E-04	6.66E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04	2.53E-05
6013	624047.73	4266514.48	0.00078447	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6014	624038.75	4266510.58	0.00077216	2.66E-04	6.45E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
6015	624029.77	4266506.68	0.00075973	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05
6016	624020.78	4266502.78	0.00074719	2.57E-04	6.25E-04	1.92E-04	1.48E-04	4.92E-05	1.15E-04	2.37E-05
6017	624011.8	4266498.87	0.00073467	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04	2.33E-05
6018	624002.82	4266494.97	0.00072222	2.48E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.11E-04	2.29E-05
6019	623990.23	4266481.97	0.00070887	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
6020	623986.62	4266472.87	0.00070781	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
6021	623983.01	4266463.76	0.00070666	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
6022	623979.41	4266454.66	0.00070546	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6023	623975.8	4266445.56	0.00070419	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.23E-05
6024	623972.19	4266436.45	0.0007029	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
6025	623968.58	4266427.35	0.00070161	2.41E-04	5.86E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04	2.23E-05
6026	623964.97	4266418.25	0.00070032	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04	2.22E-05
6027	623961.36	4266409.14	0.00069906	2.40E-04	5.84E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04	2.22E-05
6028	623957.76	4266400.04	0.00069785	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05
6029	623954.15	4266390.94	0.00069667	2.40E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.07E-04	2.21E-05
6030	623950.54	4266381.83	0.00069558	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04	2.21E-05
6031	623946.93	4266372.73	0.00069452	2.39E-04	5.81E-04	1.79E-04	1.37E-04	4.58E-05	1.07E-04	2.20E-05
6032	623943.32	4266363.63	0.00069355	2.38E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
6033	623939.71	4266354.52	0.00069263	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
6034	623936.11	4266345.42	0.00069177	2.38E-04	5.78E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
6035	623932.5	4266336.32	0.00069085	2.38E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
6036	623928.89	4266327.22	0.0006899	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.06E-04	2.19E-05
6037	623925.28	4266318.11	0.00068887	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
6038	623921.67	4266309.01	0.00068766	2.36E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05
6039	623918.06	4266299.91	0.00068623	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04	2.18E-05
6040	623914.45	4266290.8	0.00068451	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
6041	623910.85	4266281.7	0.00068247	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
6042	623907.24	4266272.6	0.00068003	2.34E-04	5.68E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04	2.16E-05
6043	623903.63	4266263.49	0.00067716	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
6044	623900.02	4266254.39	0.00067389	2.32E-04	5.63E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
6045	623896.41	4266245.29	0.00067038	2.31E-04	5.60E-04	1.73E-04	1.33E-04	4.42E-05	1.03E-04	2.13E-05
6046	623892.8	4266236.18	0.00066645	2.29E-04	5.57E-04	1.72E-04	1.32E-04	4.39E-05	1.03E-04	2.12E-05

6047	623889.2	4266227.08	0.00066215	2.28E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
6048	623885.59	4266217.98	0.00065733	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.09E-05
6049	623881.98	4266208.87	0.00065216	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
6050	623878.37	4266199.77	0.00064676	2.22E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05
6051	623874.76	4266190.67	0.00064134	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6052	623871.15	4266181.56	0.00063592	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.81E-05	2.02E-05
6053	623867.55	4266172.46	0.0006304	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.73E-05	2.00E-05
6054	623863.94	4266163.36	0.00062484	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05	1.98E-05
6055	623860.33	4266154.25	0.00061936	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
6056	624344.13	4266643.2	0.00096017	3.30E-04	8.03E-04	2.47E-04	1.90E-04	6.33E-05	1.48E-04	3.05E-05
6057	624354.02	4266643.38	0.00096454	3.32E-04	8.06E-04	2.48E-04	1.91E-04	6.36E-05	1.49E-04	3.06E-05
6058	624363.91	4266643.55	0.00096855	3.33E-04	8.10E-04	2.49E-04	1.92E-04	6.38E-05	1.49E-04	3.07E-05
6059	624373.8	4266643.73	0.00097217	3.34E-04	8.13E-04	2.50E-04	1.92E-04	6.41E-05	1.50E-04	3.09E-05
6060	624383.69	4266643.91	0.0009755	3.35E-04	8.15E-04	2.51E-04	1.93E-04	6.43E-05	1.51E-04	3.10E-05
6061	624393.58	4266644.08	0.00097857	3.37E-04	8.18E-04	2.52E-04	1.94E-04	6.45E-05	1.51E-04	3.11E-05
6062	624403.47	4266644.26	0.00098135	3.37E-04	8.20E-04	2.53E-04	1.94E-04	6.47E-05	1.51E-04	3.11E-05
6063	624413.36	4266644.44	0.00098394	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04	3.12E-05
6064	624423.25	4266644.61	0.00098635	3.39E-04	8.24E-04	2.54E-04	1.95E-04	6.50E-05	1.52E-04	3.13E-05
6065	624433.14	4266644.79	0.00098859	3.40E-04	8.26E-04	2.55E-04	1.96E-04	6.51E-05	1.53E-04	3.14E-05
6066	624443.02	4266644.97	0.00099068	3.41E-04	8.28E-04	2.55E-04	1.96E-04	6.53E-05	1.53E-04	3.14E-05
6067	624452.91	4266645.14	0.00099278	3.41E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04	3.15E-05
6068	624462.8	4266645.32	0.00099479	3.42E-04	8.31E-04	2.56E-04	1.97E-04	6.55E-05	1.54E-04	3.16E-05
6069	624472.69	4266645.5	0.00099677	3.43E-04	8.33E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.16E-05
6070	624482.58	4266645.67	0.0009988	3.43E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
6071	624492.47	4266645.85	0.0010008	3.44E-04	8.37E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04	3.18E-05
6072	624502.36	4266646.03	0.0010029	3.45E-04	8.38E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04	3.18E-05
6073	624512.25	4266646.2	0.0010049	3.46E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
6074	624522.14	4266646.38	0.001007	3.46E-04	8.42E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04	3.20E-05
6075	624532.03	4266646.56	0.0010091	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.20E-05
6076	624541.92	4266646.73	0.0010112	3.48E-04	8.45E-04	2.60E-04	2.00E-04	6.66E-05	1.56E-04	3.21E-05
6077	624551.81	4266646.91	0.0010133	3.48E-04	8.47E-04	2.61E-04	2.01E-04	6.68E-05	1.56E-04	3.22E-05
6078	624561.69	4266647.09	0.0010153	3.49E-04	8.49E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
6079	624571.58	4266647.26	0.0010173	3.50E-04	8.50E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04	3.23E-05
6080	624581.47	4266647.44	0.0010191	3.50E-04	8.52E-04	2.62E-04	2.02E-04	6.71E-05	1.57E-04	3.23E-05
6081	624591.36	4266647.62	0.0010208	3.51E-04	8.53E-04	2.63E-04	2.02E-04	6.73E-05	1.58E-04	3.24E-05
6082	624601.25	4266647.79	0.0010222	3.51E-04	8.54E-04	2.63E-04	2.02E-04	6.73E-05	1.58E-04	3.24E-05
6083	624611.14	4266647.97	0.0010232	3.52E-04	8.55E-04	2.63E-04	2.03E-04	6.74E-05	1.58E-04	3.25E-05
6084	624621.03	4266648.15	0.0010237	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04	3.25E-05
6085	624630.92	4266648.32	0.0010238	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04	3.25E-05
6086	624640.81	4266648.5	0.0010233	3.52E-04	8.55E-04	2.63E-04	2.03E-04	6.74E-05	1.58E-04	3.25E-05
6087	624650.7	4266648.67	0.0010221	3.51E-04	8.54E-04	2.63E-04	2.02E-04	6.73E-05	1.58E-04	3.24E-05
6088	624660.59	4266648.85	0.0010202	3.51E-04	8.53E-04	2.63E-04	2.02E-04	6.72E-05	1.57E-04	3.24E-05
6089	624670.48	4266649.03	0.0010177	3.50E-04	8.51E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04	3.23E-05
6090	624680.37	4266649.2	0.0010145	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.68E-05	1.57E-04	3.22E-05
6091	624690.25	4266649.38	0.0010109	3.48E-04	8.45E-04	2.60E-04	2.00E-04	6.66E-05	1.56E-04	3.21E-05
6092	624700.14	4266649.56	0.0010068	3.46E-04	8.42E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04	3.20E-05
6093	624710.03	4266649.73	0.0010025	3.45E-04	8.38E-04	2.58E-04	1.98E-04	6.61E-05	1.55E-04	3.18E-05
6094	624719.92	4266649.91	0.00099794	3.43E-04	8.34E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
6095	624729.81	4266650.09	0.00099324	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04	3.15E-05
6096	624739.7	4266650.26	0.0009885	3.40E-04	8.26E-04	2.55E-04	1.96E-04	6.51E-05	1.53E-04	3.14E-05
6097	624749.59	4266650.44	0.00098376	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04	3.12E-05
6098	624759.48	4266650.62	0.00097903	3.37E-04	8.18E-04	2.52E-04	1.94E-04	6.45E-05	1.51E-04	3.11E-05
6099	624769.37	4266650.79	0.00097429	3.35E-04	8.14E-04	2.51E-04	1.93E-04	6.42E-05	1.50E-04	3.09E-05
6100	624779.26	4266650.97	0.00096956	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
6101	624789.15	4266651.15	0.00096485	3.32E-04	8.06E-04	2.48E-04	1.91E-04	6.36E-05	1.49E-04	3.06E-05

6102	624799.04	4266651.32	0.00096006	3.30E-04	8.02E-04	2.47E-04	1.90E-04	6.33E-05	1.48E-04	3.05E-05
6103	624808.92	4266651.5	0.00095486	3.28E-04	7.98E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
6104	624818.81	4266651.68	0.00094938	3.26E-04	7.94E-04	2.44E-04	1.88E-04	6.26E-05	1.46E-04	3.01E-05
6105	624828.7	4266651.85	0.00094367	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	2.99E-05
6106	624838.59	4266652.03	0.0009377	3.22E-04	7.84E-04	2.41E-04	1.86E-04	6.18E-05	1.45E-04	2.98E-05
6107	624334.28	4266689.3	0.00086365	2.97E-04	7.22E-04	2.22E-04	1.71E-04	5.69E-05	1.33E-04	2.74E-05
6108	624325.32	4266685.41	0.00086727	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
6109	624316.36	4266681.52	0.00087034	2.99E-04	7.27E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04	2.76E-05
6110	624307.4	4266677.63	0.00087281	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
6111	624298.43	4266673.73	0.00087465	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.78E-05
6112	624289.47	4266669.84	0.00087554	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04	2.78E-05
6113	624280.51	4266665.95	0.00087556	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04	2.78E-05
6114	624271.55	4266662.06	0.00087488	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.78E-05
6115	624262.59	4266658.17	0.00087355	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.77E-05
6116	624253.63	4266654.28	0.00087198	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
6117	624244.67	4266650.38	0.00086982	2.99E-04	7.27E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04	2.76E-05
6118	624235.71	4266646.49	0.00086721	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
6119	624226.75	4266642.6	0.00086417	2.97E-04	7.22E-04	2.22E-04	1.71E-04	5.69E-05	1.33E-04	2.74E-05
6120	624217.79	4266638.71	0.00086081	2.96E-04	7.20E-04	2.22E-04	1.70E-04	5.67E-05	1.33E-04	2.73E-05
6121	624208.82	4266634.82	0.00085722	2.95E-04	7.17E-04	2.21E-04	1.70E-04	5.65E-05	1.32E-04	2.72E-05
6122	624199.86	4266630.93	0.00085344	2.93E-04	7.13E-04	2.20E-04	1.69E-04	5.62E-05	1.32E-04	2.71E-05
6123	624190.9	4266627.03	0.00084953	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.60E-05	1.31E-04	2.70E-05
6124	624181.94	4266623.14	0.00084549	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04	2.68E-05
6125	624172.98	4266619.25	0.00084127	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04	2.67E-05
6126	624164.02	4266615.36	0.00083688	2.88E-04	7.00E-04	2.15E-04	1.66E-04	5.51E-05	1.29E-04	2.66E-05
6127	624155.06	4266611.47	0.00083225	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04	2.64E-05
6128	624146.1	4266607.58	0.00082738	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
6129	624137.14	4266603.69	0.00082212	2.83E-04	6.87E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
6130	624128.18	4266599.79	0.00081653	2.81E-04	6.82E-04	2.10E-04	1.62E-04	5.38E-05	1.26E-04	2.59E-05
6131	624119.21	4266595.9	0.00081047	2.79E-04	6.77E-04	2.09E-04	1.60E-04	5.34E-05	1.25E-04	2.57E-05
6132	624029.6	4266556.99	0.00072563	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
6133	624020.64	4266553.09	0.00071521	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04	2.27E-05
6134	624011.68	4266549.2	0.0007046	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
6135	624002.72	4266545.31	0.00069383	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
6136	623993.76	4266541.42	0.00068301	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
6137	623984.8	4266537.53	0.00067219	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.13E-05
6138	623975.84	4266533.64	0.00066137	2.27E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
6139	623966.88	4266529.74	0.00065064	2.24E-04	5.44E-04	1.68E-04	1.29E-04	4.29E-05	1.00E-04	2.06E-05
6140	623954.32	4266516.77	0.00063893	2.20E-04	5.34E-04	1.65E-04	1.26E-04	4.21E-05	9.86E-05	2.03E-05
6141	623950.72	4266507.69	0.00063784	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05	2.02E-05
6142	623947.12	4266498.61	0.00063666	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.82E-05	2.02E-05
6143	623943.52	4266489.52	0.00063546	2.19E-04	5.31E-04	1.64E-04	1.26E-04	4.19E-05	9.81E-05	2.02E-05
6144	623939.92	4266480.44	0.00063422	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05	2.01E-05
6145	623936.32	4266471.36	0.00063299	2.18E-04	5.29E-04	1.63E-04	1.25E-04	4.17E-05	9.77E-05	2.01E-05
6146	623932.72	4266462.28	0.00063175	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.00E-05
6147	623929.12	4266453.2	0.00063052	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.73E-05	2.00E-05
6148	623925.52	4266444.11	0.00062934	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.71E-05	2.00E-05
6149	623921.92	4266435.03	0.00062819	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.69E-05	1.99E-05
6150	623918.32	4266425.95	0.0006271	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.68E-05	1.99E-05
6151	623914.72	4266416.87	0.0006261	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.13E-05	9.66E-05	1.99E-05
6152	623911.12	4266407.79	0.00062521	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.98E-05
6153	623907.52	4266398.7	0.00062441	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.11E-05	9.63E-05	1.98E-05
6154	623903.92	4266389.62	0.00062369	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05	1.98E-05
6155	623900.32	4266380.54	0.00062309	2.14E-04	5.21E-04	1.60E-04	1.23E-04	4.11E-05	9.61E-05	1.98E-05
6156	623896.72	4266371.46	0.00062254	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05	1.98E-05

6157	623893.12	4266362.38	0.00062208	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05	1.97E-05
6158	623889.52	4266353.29	0.00062162	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.59E-05	1.97E-05
6159	623885.92	4266344.21	0.00062116	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05	1.97E-05
6160	623882.32	4266335.13	0.00062065	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05	1.97E-05
6161	623878.72	4266326.05	0.00062002	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
6162	623875.12	4266316.97	0.00061921	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.97E-05
6163	623871.52	4266307.88	0.00061818	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05	1.96E-05
6164	623867.92	4266298.8	0.00061686	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.06E-05	9.52E-05	1.96E-05
6165	623864.32	4266289.72	0.00061522	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.49E-05	1.95E-05
6166	623860.72	4266280.64	0.00061321	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05	1.95E-05
6167	623857.12	4266271.55	0.00061083	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.02E-05	9.43E-05	1.94E-05
6168	623853.52	4266262.47	0.00060805	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05	1.93E-05
6169	623849.92	4266253.39	0.00060486	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.33E-05	1.92E-05
6170	623846.32	4266244.31	0.0006013	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05	1.91E-05
6171	623842.72	4266235.23	0.00059734	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05	1.90E-05
6172	623839.12	4266226.14	0.00059312	2.04E-04	4.96E-04	1.53E-04	1.17E-04	3.91E-05	9.15E-05	1.88E-05
6173	623835.52	4266217.06	0.00058885	2.02E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
6174	623831.92	4266207.98	0.0005844	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.02E-05	1.85E-05
6175	623828.32	4266198.9	0.00057978	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05	1.84E-05
6176	623824.72	4266189.82	0.00057496	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.82E-05
6177	623821.12	4266180.73	0.00056999	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
6178	623817.52	4266171.65	0.00056503	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.72E-05	1.79E-05
6179	623813.92	4266162.57	0.00056015	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05	1.78E-05
6180	623810.32	4266153.49	0.00055547	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05	1.76E-05
6181	624343.24	4266693.19	0.00085958	2.96E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04	2.73E-05
6182	624353.13	4266693.37	0.00086228	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04	2.74E-05
6183	624363.02	4266693.55	0.00086466	2.97E-04	7.23E-04	2.23E-04	1.71E-04	5.70E-05	1.33E-04	2.74E-05
6184	624372.91	4266693.72	0.00086684	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
6185	624382.8	4266693.9	0.00086873	2.99E-04	7.26E-04	2.24E-04	1.72E-04	5.72E-05	1.34E-04	2.76E-05
6186	624392.69	4266694.08	0.00087043	2.99E-04	7.28E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04	2.76E-05
6187	624402.57	4266694.25	0.00087198	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
6188	624412.46	4266694.43	0.00087333	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
6189	624422.35	4266694.61	0.00087453	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.78E-05
6190	624432.24	4266694.78	0.00087568	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04	2.78E-05
6191	624442.13	4266694.96	0.00087671	3.01E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.78E-05
6192	624452.02	4266695.13	0.00087772	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.79E-05
6193	624461.91	4266695.31	0.00087869	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04	2.79E-05
6194	624471.8	4266695.49	0.00087973	3.03E-04	7.35E-04	2.26E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
6195	624481.69	4266695.66	0.00088084	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04	2.80E-05
6196	624491.58	4266695.84	0.00088199	3.03E-04	7.37E-04	2.27E-04	1.75E-04	5.81E-05	1.36E-04	2.80E-05
6197	624501.47	4266696.02	0.00088328	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05
6198	624511.36	4266696.19	0.00088466	3.04E-04	7.39E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04	2.81E-05
6199	624521.25	4266696.37	0.00088613	3.05E-04	7.41E-04	2.28E-04	1.75E-04	5.84E-05	1.37E-04	2.81E-05
6200	624531.13	4266696.55	0.00088765	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
6201	624541.02	4266696.72	0.00088925	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
6202	624550.91	4266696.9	0.00089083	3.06E-04	7.45E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04	2.83E-05
6203	624560.8	4266697.08	0.00089238	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
6204	624570.69	4266697.25	0.00089387	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
6205	624580.58	4266697.43	0.00089519	3.08E-04	7.48E-04	2.30E-04	1.77E-04	5.90E-05	1.38E-04	2.84E-05
6206	624590.47	4266697.61	0.00089629	3.08E-04	7.49E-04	2.31E-04	1.77E-04	5.91E-05	1.38E-04	2.84E-05
6207	624600.36	4266697.78	0.00089712	3.08E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.38E-04	2.85E-05
6208	624610.25	4266697.96	0.00089758	3.09E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.39E-04	2.85E-05
6209	624620.14	4266698.14	0.00089763	3.09E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.39E-04	2.85E-05
6210	624630.03	4266698.31	0.00089723	3.09E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.38E-04	2.85E-05
6211	624639.92	4266698.49	0.00089637	3.08E-04	7.49E-04	2.31E-04	1.77E-04	5.91E-05	1.38E-04	2.84E-05

6212	624649.8	4266698.67	0.00089499	3.08E-04	7.48E-04	2.30E-04	1.77E-04	5.90E-05	1.38E-04	2.84E-05
6213	624659.69	4266698.84	0.00089319	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
6214	624669.58	4266699.02	0.00089092	3.06E-04	7.45E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04	2.83E-05
6215	624679.47	4266699.2	0.00088828	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
6216	624689.36	4266699.37	0.00088538	3.04E-04	7.40E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04	2.81E-05
6217	624699.25	4266699.55	0.00088222	3.03E-04	7.37E-04	2.27E-04	1.75E-04	5.81E-05	1.36E-04	2.80E-05
6218	624709.14	4266699.73	0.00087892	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04	2.79E-05
6219	624719.03	4266699.9	0.00087556	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04	2.78E-05
6220	624728.92	4266700.08	0.00087215	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
6221	624738.81	4266700.26	0.00086876	2.99E-04	7.26E-04	2.24E-04	1.72E-04	5.72E-05	1.34E-04	2.76E-05
6222	624748.7	4266700.43	0.00086558	2.98E-04	7.23E-04	2.23E-04	1.71E-04	5.70E-05	1.34E-04	2.75E-05
6223	624758.59	4266700.61	0.00086251	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04	2.74E-05
6224	624768.48	4266700.79	0.00085941	2.96E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04	2.73E-05
6225	624778.36	4266700.96	0.00085613	2.94E-04	7.16E-04	2.20E-04	1.69E-04	5.64E-05	1.32E-04	2.72E-05
6226	624788.25	4266701.14	0.00085263	2.93E-04	7.13E-04	2.20E-04	1.69E-04	5.62E-05	1.32E-04	2.71E-05
6227	624798.14	4266701.32	0.00084904	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.59E-05	1.31E-04	2.69E-05
6228	624808.03	4266701.49	0.00084531	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04	2.68E-05
6229	624817.92	4266701.67	0.00084141	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04	2.67E-05
6230	624827.81	4266701.85	0.00083733	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
6231	624837.7	4266702.02	0.00083306	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.49E-05	1.29E-04	2.64E-05
6232	624333.4	4266739.3	0.00077798	2.68E-04	6.50E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
6233	624324.46	4266735.42	0.0007818	2.69E-04	6.53E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
6234	624315.52	4266731.53	0.00078524	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6235	624306.57	4266727.65	0.00078823	2.71E-04	6.59E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04	2.50E-05
6236	624297.63	4266723.76	0.00079073	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
6237	624288.69	4266719.88	0.00079248	2.73E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.52E-05
6238	624279.74	4266716	0.00079348	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
6239	624270.8	4266712.11	0.00079385	2.73E-04	6.64E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
6240	624261.85	4266708.23	0.00079374	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
6241	624252.91	4266704.34	0.00079337	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
6242	624243.97	4266700.46	0.00079245	2.73E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
6243	624235.02	4266696.58	0.00079101	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
6244	624226.08	4266692.69	0.0007892	2.71E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04	2.50E-05
6245	624217.14	4266688.81	0.00078702	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.21E-04	2.50E-05
6246	624208.19	4266684.92	0.00078458	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6247	624199.25	4266681.04	0.00078191	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
6248	624190.3	4266677.15	0.00077913	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
6249	624181.36	4266673.27	0.0007762	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04	2.46E-05
6250	624172.42	4266669.39	0.00077322	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
6251	624163.47	4266665.5	0.00077012	2.65E-04	6.44E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
6252	624154.53	4266661.62	0.00076693	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
6253	624145.59	4266657.73	0.0007636	2.63E-04	6.38E-04	1.97E-04	1.51E-04	5.03E-05	1.18E-04	2.42E-05
6254	624136.64	4266653.85	0.00076007	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05
6255	624127.7	4266649.97	0.00075631	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
6256	624118.76	4266646.08	0.0007523	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04	2.39E-05
6257	624074.04	4266626.66	0.00072655	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.79E-05	1.12E-04	2.31E-05
6258	624065.09	4266622.78	0.00072015	2.48E-04	6.02E-04	1.85E-04	1.43E-04	4.74E-05	1.11E-04	2.29E-05
6259	624056.15	4266618.89	0.00071335	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04	2.26E-05
6260	624047.21	4266615.01	0.00070615	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6261	624038.26	4266611.13	0.00069851	2.40E-04	5.84E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.22E-05
6262	624029.32	4266607.24	0.00069056	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
6263	624020.38	4266603.36	0.00068227	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
6264	624011.43	4266599.47	0.00067366	2.32E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
6265	624002.49	4266595.59	0.00066482	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.38E-05	1.03E-04	2.11E-05
6266	623993.54	4266591.7	0.00065572	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05

6267	623984.6	4266587.82	0.00064651	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05
6268	623975.66	4266583.94	0.00063712	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.83E-05	2.02E-05
6269	623966.71	4266580.05	0.00062768	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.69E-05	1.99E-05
6270	623957.77	4266576.17	0.00061815	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05	1.96E-05
6271	623948.83	4266572.28	0.00060862	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
6272	623939.88	4266568.4	0.00059918	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.25E-05	1.90E-05
6273	623930.94	4266564.52	0.00058985	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.89E-05	9.10E-05	1.87E-05
6274	623918.4	4266551.57	0.00057952	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.82E-05	8.94E-05	1.84E-05
6275	623914.81	4266542.5	0.00057837	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.81E-05	8.92E-05	1.84E-05
6276	623911.22	4266533.44	0.00057717	1.98E-04	4.82E-04	1.49E-04	1.14E-04	3.80E-05	8.91E-05	1.83E-05
6277	623907.62	4266524.37	0.00057596	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.89E-05	1.83E-05
6278	623904.03	4266515.31	0.0005749	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.82E-05
6279	623900.44	4266506.25	0.00057386	1.97E-04	4.80E-04	1.48E-04	1.14E-04	3.78E-05	8.85E-05	1.82E-05
6280	623896.84	4266497.18	0.00057275	1.97E-04	4.79E-04	1.47E-04	1.13E-04	3.77E-05	8.84E-05	1.82E-05
6281	623893.25	4266488.12	0.00057157	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.82E-05	1.81E-05
6282	623889.66	4266479.05	0.00057039	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
6283	623886.06	4266469.99	0.00056927	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.78E-05	1.81E-05
6284	623882.47	4266460.92	0.00056824	1.95E-04	4.75E-04	1.46E-04	1.12E-04	3.74E-05	8.77E-05	1.80E-05
6285	623878.88	4266451.86	0.00056738	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05	1.80E-05
6286	623875.29	4266442.79	0.00056663	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.73E-05	8.74E-05	1.80E-05
6287	623871.69	4266433.73	0.00056594	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05	1.80E-05
6288	623868.1	4266424.66	0.00056525	1.94E-04	4.72E-04	1.46E-04	1.12E-04	3.72E-05	8.72E-05	1.79E-05
6289	623864.51	4266415.6	0.00056468	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.71E-05	1.79E-05
6290	623860.91	4266406.54	0.00056419	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.71E-05	1.79E-05
6291	623857.32	4266397.47	0.00056391	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
6292	623853.73	4266388.41	0.00056376	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
6293	623850.13	4266379.34	0.00056373	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
6294	623846.54	4266370.28	0.00056371	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
6295	623842.95	4266361.21	0.00056362	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
6296	623839.36	4266352.15	0.00056348	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05	1.79E-05
6297	623835.76	4266343.08	0.00056327	1.94E-04	4.71E-04	1.45E-04	1.11E-04	3.71E-05	8.69E-05	1.79E-05
6298	623832.17	4266334.02	0.00056293	1.94E-04	4.71E-04	1.45E-04	1.11E-04	3.71E-05	8.69E-05	1.79E-05
6299	623828.58	4266324.95	0.00056241	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.78E-05
6300	623824.98	4266315.89	0.00056164	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05	1.78E-05
6301	623821.39	4266306.83	0.00056058	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05	1.78E-05
6302	623817.8	4266297.76	0.00055923	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.63E-05	1.77E-05
6303	623814.2	4266288.7	0.00055751	1.92E-04	4.66E-04	1.44E-04	1.10E-04	3.67E-05	8.60E-05	1.77E-05
6304	623810.61	4266279.63	0.00055544	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05	1.76E-05
6305	623807.02	4266270.57	0.000553	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.53E-05	1.75E-05
6306	623803.43	4266261.5	0.00055019	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.49E-05	1.75E-05
6307	623799.83	4266252.44	0.00054703	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.44E-05	1.74E-05
6308	623796.24	4266243.37	0.00054356	1.87E-04	4.54E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05	1.73E-05
6309	623792.65	4266234.31	0.00053983	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05	1.71E-05
6310	623789.05	4266225.25	0.00053587	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
6311	623785.46	4266216.18	0.00053193	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.50E-05	8.21E-05	1.69E-05
6312	623781.87	4266207.12	0.00052792	1.82E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.15E-05	1.68E-05
6313	623778.27	4266198.05	0.00052375	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
6314	623774.68	4266188.99	0.00051945	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.02E-05	1.65E-05
6315	623771.09	4266179.92	0.00051503	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.95E-05	1.63E-05
6316	623767.49	4266170.86	0.00051064	1.76E-04	4.27E-04	1.31E-04	1.01E-04	3.36E-05	7.88E-05	1.62E-05
6317	623763.9	4266161.79	0.0005063	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.81E-05	1.61E-05
6318	623760.31	4266152.73	0.00050203	1.73E-04	4.20E-04	1.29E-04	9.94E-05	3.31E-05	7.75E-05	1.59E-05
6319	624342.35	4266743.18	0.00077382	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.19E-04	2.46E-05
6320	624352.24	4266743.36	0.00077543	2.67E-04	6.48E-04	2.00E-04	1.53E-04	5.11E-05	1.20E-04	2.46E-05
6321	624362.13	4266743.54	0.00077683	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.47E-05

6322	624372.01	4266743.71	0.00077807	2.68E-04	6.50E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
6323	624381.9	4266743.89	0.0007791	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
6324	624391.79	4266744.07	0.00077999	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.48E-05
6325	624401.68	4266744.24	0.00078077	2.68E-04	6.53E-04	2.01E-04	1.55E-04	5.14E-05	1.20E-04	2.48E-05
6326	624411.57	4266744.42	0.0007814	2.69E-04	6.53E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
6327	624421.46	4266744.6	0.00078194	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
6328	624431.35	4266744.77	0.0007824	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.16E-05	1.21E-04	2.48E-05
6329	624441.24	4266744.95	0.00078283	2.69E-04	6.54E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.48E-05
6330	624451.13	4266745.13	0.00078323	2.69E-04	6.55E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.49E-05
6331	624461.02	4266745.3	0.00078369	2.69E-04	6.55E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.49E-05
6332	624470.91	4266745.48	0.00078418	2.70E-04	6.55E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6333	624480.8	4266745.66	0.00078476	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6334	624490.68	4266745.83	0.00078544	2.70E-04	6.57E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6335	624500.57	4266746.01	0.00078628	2.70E-04	6.57E-04	2.02E-04	1.56E-04	5.18E-05	1.21E-04	2.50E-05
6336	624510.46	4266746.19	0.0007872	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.21E-04	2.50E-05
6337	624520.35	4266746.36	0.00078826	2.71E-04	6.59E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04	2.50E-05
6338	624530.24	4266746.54	0.00078938	2.71E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04	2.51E-05
6339	624540.13	4266746.72	0.00079055	2.72E-04	6.61E-04	2.04E-04	1.56E-04	5.21E-05	1.22E-04	2.51E-05
6340	624550.02	4266746.89	0.00079173	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
6341	624559.91	4266747.07	0.00079282	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.52E-05
6342	624569.8	4266747.25	0.00079377	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
6343	624579.69	4266747.42	0.00079454	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.23E-05	1.23E-04	2.52E-05
6344	624589.58	4266747.6	0.00079503	2.73E-04	6.65E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
6345	624599.47	4266747.78	0.00079523	2.73E-04	6.65E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
6346	624609.36	4266747.95	0.00079512	2.73E-04	6.65E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
6347	624619.24	4266748.13	0.00079463	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
6348	624629.13	4266748.31	0.00079374	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
6349	624639.02	4266748.48	0.00079253	2.73E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.52E-05
6350	624648.91	4266748.66	0.00079095	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
6351	624658.8	4266748.84	0.00078909	2.71E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04	2.50E-05
6352	624668.69	4266749.01	0.00078699	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.21E-04	2.50E-05
6353	624678.58	4266749.19	0.0007847	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6354	624688.47	4266749.37	0.00078226	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
6355	624698.36	4266749.54	0.00077979	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.47E-05
6356	624708.25	4266749.72	0.00077729	2.67E-04	6.50E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.47E-05
6357	624718.14	4266749.9	0.0007748	2.66E-04	6.48E-04	1.99E-04	1.53E-04	5.10E-05	1.20E-04	2.46E-05
6358	624728.03	4266750.07	0.00077239	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
6359	624737.91	4266750.25	0.00077003	2.65E-04	6.44E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
6360	624747.8	4266750.42	0.00076782	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04	2.44E-05
6361	624757.69	4266750.6	0.00076578	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
6362	624767.58	4266750.78	0.00076375	2.63E-04	6.38E-04	1.97E-04	1.51E-04	5.03E-05	1.18E-04	2.42E-05
6363	624777.47	4266750.95	0.00076157	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
6364	624787.36	4266751.13	0.00075915	2.61E-04	6.35E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
6365	624797.25	4266751.31	0.00075663	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.40E-05
6366	624807.14	4266751.48	0.00075405	2.59E-04	6.30E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.39E-05
6367	624817.03	4266751.66	0.00075126	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
6368	624826.92	4266751.84	0.00074836	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04	2.38E-05
6369	624836.81	4266752.01	0.00074529	2.56E-04	6.23E-04	1.92E-04	1.48E-04	4.91E-05	1.15E-04	2.37E-05
6370	624332.53	4266789.3	0.00070451	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
6371	624323.6	4266785.42	0.0007083	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
6372	624314.67	4266781.54	0.0007118	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
6373	624305.74	4266777.67	0.00071498	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04	2.27E-05
6374	624296.81	4266773.79	0.0007178	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05
6375	624287.88	4266769.91	0.00072004	2.48E-04	6.02E-04	1.85E-04	1.43E-04	4.74E-05	1.11E-04	2.29E-05
6376	624278.95	4266766.03	0.00072161	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04	2.29E-05

6377	624270.02	4266762.15	0.00072279	2.49E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.12E-04	2.29E-05
6378	624261.09	4266758.28	0.00072351	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
6379	624252.16	4266754.4	0.000724	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
6380	624243.23	4266750.52	0.000724	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
6381	624234.31	4266746.64	0.00072357	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
6382	624225.38	4266742.77	0.00072271	2.49E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.12E-04	2.29E-05
6383	624216.45	4266738.89	0.0007215	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04	2.29E-05
6384	624207.52	4266735.01	0.00071998	2.48E-04	6.02E-04	1.85E-04	1.43E-04	4.74E-05	1.11E-04	2.28E-05
6385	624198.59	4266731.13	0.00071826	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05
6386	624189.66	4266727.25	0.00071633	2.46E-04	5.99E-04	1.84E-04	1.42E-04	4.72E-05	1.11E-04	2.27E-05
6387	624180.73	4266723.38	0.00071427	2.46E-04	5.97E-04	1.84E-04	1.41E-04	4.71E-05	1.10E-04	2.27E-05
6388	624171.8	4266719.5	0.00071211	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
6389	624162.87	4266715.62	0.00070993	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
6390	624153.94	4266711.74	0.00070767	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
6391	624145.02	4266707.87	0.00070537	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6392	624136.09	4266703.99	0.00070296	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
6393	624127.16	4266700.11	0.00070046	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
6394	624118.23	4266696.23	0.00069779	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05
6395	624073.58	4266676.84	0.00068069	2.34E-04	5.69E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04	2.16E-05
6396	624064.65	4266672.97	0.00067624	2.33E-04	5.65E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
6397	624055.72	4266669.09	0.00067142	2.31E-04	5.61E-04	1.73E-04	1.33E-04	4.42E-05	1.04E-04	2.13E-05
6398	624046.8	4266665.21	0.00066622	2.29E-04	5.57E-04	1.72E-04	1.32E-04	4.39E-05	1.03E-04	2.11E-05
6399	624037.87	4266661.33	0.00066063	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.10E-05
6400	624028.94	4266657.46	0.00065466	2.25E-04	5.47E-04	1.69E-04	1.30E-04	4.31E-05	1.01E-04	2.08E-05
6401	624020.01	4266653.58	0.00064831	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04	2.06E-05
6402	624011.08	4266649.7	0.00064163	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6403	624002.15	4266645.82	0.00063468	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05	2.01E-05
6404	623993.22	4266641.94	0.00062742	2.16E-04	5.24E-04	1.62E-04	1.24E-04	4.13E-05	9.68E-05	1.99E-05
6405	623984.29	4266638.07	0.00061967	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
6406	623975.36	4266634.19	0.00061169	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05
6407	623966.43	4266630.31	0.00060354	2.08E-04	5.04E-04	1.55E-04	1.19E-04	3.98E-05	9.31E-05	1.92E-05
6408	623957.51	4266626.43	0.00059539	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.92E-05	9.19E-05	1.89E-05
6409	623948.58	4266622.56	0.00058721	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.06E-05	1.86E-05
6410	623939.65	4266618.68	0.00057894	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05	1.84E-05
6411	623930.72	4266614.8	0.00057062	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
6412	623921.79	4266610.92	0.00056233	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.78E-05
6413	623912.86	4266607.04	0.00055406	1.91E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.55E-05	1.76E-05
6414	623903.93	4266603.17	0.00054585	1.88E-04	4.56E-04	1.41E-04	1.08E-04	3.60E-05	8.42E-05	1.73E-05
6415	623895	4266599.29	0.00053776	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.30E-05	1.71E-05
6416	623882.49	4266586.36	0.00052875	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05	1.68E-05
6417	623878.9	4266577.31	0.00052771	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.14E-05	1.67E-05
6418	623875.31	4266568.26	0.00052665	1.81E-04	4.40E-04	1.36E-04	1.04E-04	3.47E-05	8.13E-05	1.67E-05
6419	623871.72	4266559.21	0.00052559	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.11E-05	1.67E-05
6420	623868.14	4266550.16	0.0005245	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.46E-05	8.09E-05	1.66E-05
6421	623864.55	4266541.11	0.00052341	1.80E-04	4.37E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
6422	623860.96	4266532.06	0.00052235	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
6423	623857.38	4266523.01	0.00052129	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
6424	623853.79	4266513.96	0.00052022	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
6425	623850.2	4266504.91	0.00051922	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
6426	623846.61	4266495.86	0.00051827	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.41E-05	8.00E-05	1.64E-05
6427	623843.03	4266486.82	0.00051738	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.41E-05	7.98E-05	1.64E-05
6428	623839.44	4266477.77	0.00051655	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
6429	623835.85	4266468.72	0.0005158	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
6430	623832.27	4266459.67	0.0005152	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.39E-05	7.95E-05	1.64E-05
6431	623828.68	4266450.62	0.00051468	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05

6432	623825.09	4266441.57	0.00051428	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6433	623821.5	4266432.52	0.000514	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6434	623817.92	4266423.47	0.00051385	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6435	623814.33	4266414.42	0.00051382	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6436	623810.74	4266405.37	0.00051385	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6437	623807.16	4266396.32	0.000514	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6438	623803.57	4266387.27	0.00051414	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6439	623799.98	4266378.22	0.00051434	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6440	623796.39	4266369.17	0.00051451	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6441	623792.81	4266360.12	0.00051463	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6442	623789.22	4266351.07	0.0005146	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6443	623785.63	4266342.02	0.00051443	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6444	623782.05	4266332.97	0.00051417	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6445	623778.46	4266323.92	0.00051368	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.93E-05	1.63E-05
6446	623774.87	4266314.87	0.00051285	1.76E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.91E-05	1.63E-05
6447	623771.28	4266305.82	0.00051164	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05	1.62E-05
6448	623767.7	4266296.77	0.00051018	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05	1.62E-05
6449	623764.11	4266287.72	0.0005084	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05	1.61E-05
6450	623760.52	4266278.67	0.00050622	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.81E-05	1.61E-05
6451	623756.94	4266269.62	0.00050372	1.73E-04	4.21E-04	1.30E-04	9.97E-05	3.32E-05	7.77E-05	1.60E-05
6452	623753.35	4266260.57	0.00050088	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05	1.59E-05
6453	623749.76	4266251.52	0.00049778	1.71E-04	4.16E-04	1.28E-04	9.85E-05	3.28E-05	7.68E-05	1.58E-05
6454	623746.17	4266242.47	0.00049445	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05	1.57E-05
6455	623742.59	4266233.42	0.00049092	1.69E-04	4.10E-04	1.26E-04	9.72E-05	3.23E-05	7.58E-05	1.56E-05
6456	623739	4266224.37	0.00048725	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05	1.55E-05
6457	623735.41	4266215.32	0.00048366	1.66E-04	4.04E-04	1.25E-04	9.57E-05	3.19E-05	7.46E-05	1.53E-05
6458	623731.83	4266206.27	0.00047999	1.65E-04	4.01E-04	1.24E-04	9.50E-05	3.16E-05	7.41E-05	1.52E-05
6459	623728.24	4266197.22	0.00047628	1.64E-04	3.98E-04	1.23E-04	9.43E-05	3.14E-05	7.35E-05	1.51E-05
6460	623724.65	4266188.17	0.00047238	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
6461	623721.06	4266179.13	0.00046848	1.61E-04	3.92E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05	1.49E-05
6462	623717.48	4266170.08	0.00046469	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.47E-05
6463	623713.89	4266161.03	0.00046101	1.59E-04	3.85E-04	1.19E-04	9.13E-05	3.04E-05	7.11E-05	1.46E-05
6464	623710.3	4266151.98	0.0004574	1.57E-04	3.82E-04	1.18E-04	9.05E-05	3.01E-05	7.06E-05	1.45E-05
6465	624341.45	4266793.18	0.00070052	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
6466	624351.34	4266793.35	0.0007015	2.41E-04	5.86E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04	2.23E-05
6467	624361.23	4266793.53	0.00070227	2.41E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
6468	624371.12	4266793.71	0.0007029	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
6469	624381.01	4266793.88	0.00070345	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.09E-04	2.23E-05
6470	624390.9	4266794.06	0.00070385	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.23E-05
6471	624400.79	4266794.24	0.00070419	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.23E-05
6472	624410.68	4266794.41	0.00070442	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
6473	624420.57	4266794.59	0.0007046	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
6474	624430.46	4266794.77	0.00070471	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
6475	624440.35	4266794.94	0.00070482	2.42E-04	5.89E-04	1.81E-04	1.40E-04	4.64E-05	1.09E-04	2.24E-05
6476	624450.24	4266795.12	0.00070494	2.42E-04	5.89E-04	1.81E-04	1.40E-04	4.64E-05	1.09E-04	2.24E-05
6477	624460.12	4266795.3	0.00070508	2.42E-04	5.89E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6478	624470.01	4266795.47	0.00070531	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6479	624479.9	4266795.65	0.00070563	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6480	624489.79	4266795.83	0.00070603	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6481	624499.68	4266796	0.00070655	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
6482	624509.57	4266796.18	0.00070718	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
6483	624519.46	4266796.36	0.0007079	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
6484	624529.35	4266796.53	0.00070864	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
6485	624539.24	4266796.71	0.00070939	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
6486	624549.13	4266796.88	0.00071011	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05

6487	624559.02	4266797.06	0.00071068	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.26E-05
6488	624568.91	4266797.24	0.00071111	2.45E-04	5.94E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
6489	624578.8	4266797.41	0.00071134	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
6490	624588.68	4266797.59	0.00071128	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
6491	624598.57	4266797.77	0.00071091	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.26E-05
6492	624608.46	4266797.94	0.00071028	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
6493	624618.35	4266798.12	0.00070933	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
6494	624628.24	4266798.3	0.00070807	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
6495	624638.13	4266798.47	0.00070658	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
6496	624648.02	4266798.65	0.00070482	2.42E-04	5.89E-04	1.81E-04	1.40E-04	4.64E-05	1.09E-04	2.24E-05
6497	624657.91	4266798.83	0.0007029	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
6498	624667.8	4266799	0.00070092	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
6499	624677.69	4266799.18	0.00069883	2.40E-04	5.84E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.22E-05
6500	624687.58	4266799.36	0.00069676	2.40E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.08E-04	2.21E-05
6501	624697.47	4266799.53	0.00069472	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04	2.20E-05
6502	624707.35	4266799.71	0.00069277	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
6503	624717.24	4266799.89	0.00069091	2.38E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
6504	624727.13	4266800.06	0.00068918	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
6505	624737.02	4266800.24	0.00068755	2.36E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05
6506	624746.91	4266800.42	0.00068605	2.36E-04	5.73E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04	2.18E-05
6507	624756.8	4266800.59	0.00068479	2.35E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
6508	624766.69	4266800.77	0.0006835	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
6509	624776.58	4266800.95	0.00068215	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.49E-05	1.05E-04	2.16E-05
6510	624786.47	4266801.12	0.00068057	2.34E-04	5.69E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04	2.16E-05
6511	624796.36	4266801.3	0.00067891	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
6512	624806.25	4266801.48	0.00067713	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
6513	624816.14	4266801.65	0.00067523	2.32E-04	5.64E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05
6514	624826.03	4266801.83	0.0006732	2.31E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
6515	624835.91	4266802.01	0.00067104	2.31E-04	5.61E-04	1.73E-04	1.33E-04	4.42E-05	1.04E-04	2.13E-05
6516	624331.64	4266839.3	0.00064143	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6517	624322.73	4266835.42	0.00064498	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05	2.05E-05
6518	624313.81	4266831.55	0.00064834	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04	2.06E-05
6519	624304.9	4266827.68	0.00065147	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.29E-05	1.01E-04	2.07E-05
6520	624295.98	4266823.81	0.00065437	2.25E-04	5.47E-04	1.68E-04	1.30E-04	4.31E-05	1.01E-04	2.08E-05
6521	624287.06	4266819.93	0.00065695	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.08E-05
6522	624278.15	4266816.06	0.00065919	2.27E-04	5.51E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04	2.09E-05
6523	624269.23	4266812.19	0.00066106	2.27E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
6524	624260.31	4266808.32	0.00066241	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
6525	624251.4	4266804.45	0.00066318	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.10E-05
6526	624242.48	4266800.57	0.00066358	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.11E-05
6527	624233.56	4266796.7	0.00066355	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.11E-05
6528	624224.65	4266792.83	0.00066347	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.11E-05
6529	624215.73	4266788.96	0.00066301	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.10E-05
6530	624206.81	4266785.08	0.00066229	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
6531	624197.9	4266781.21	0.00066129	2.27E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
6532	624188.98	4266777.34	0.00066008	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
6533	624180.06	4266773.47	0.0006587	2.27E-04	5.51E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04	2.09E-05
6534	624171.15	4266769.59	0.00065727	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.09E-05
6535	624162.23	4266765.72	0.00065572	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
6536	624153.31	4266761.85	0.00065414	2.25E-04	5.47E-04	1.68E-04	1.29E-04	4.31E-05	1.01E-04	2.08E-05
6537	624144.4	4266757.98	0.00065253	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
6538	624135.48	4266754.11	0.0006509	2.24E-04	5.44E-04	1.68E-04	1.29E-04	4.29E-05	1.00E-04	2.07E-05
6539	624126.56	4266750.23	0.0006492	2.23E-04	5.43E-04	1.67E-04	1.29E-04	4.28E-05	1.00E-04	2.06E-05
6540	624117.65	4266746.36	0.00064748	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.27E-05	9.99E-05	2.05E-05
6541	624073.06	4266727	0.00063652	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.82E-05	2.02E-05

6542	624064.15	4266723.13	0.00063362	2.18E-04	5.30E-04	1.63E-04	1.25E-04	4.17E-05	9.78E-05	2.01E-05
6543	624055.23	4266719.25	0.00063038	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.73E-05	2.00E-05
6544	624046.32	4266715.38	0.00062676	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
6545	624037.4	4266711.51	0.00062283	2.14E-04	5.21E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05	1.98E-05
6546	624028.48	4266707.64	0.00061858	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
6547	624019.57	4266703.76	0.00061393	2.11E-04	5.13E-04	1.58E-04	1.22E-04	4.04E-05	9.47E-05	1.95E-05
6548	624010.65	4266699.89	0.00060876	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
6549	624001.73	4266696.02	0.00060325	2.07E-04	5.04E-04	1.55E-04	1.19E-04	3.97E-05	9.31E-05	1.91E-05
6550	623992.82	4266692.15	0.00059746	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05	1.90E-05
6551	623983.9	4266688.28	0.00059157	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
6552	623974.98	4266684.4	0.0005854	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.86E-05	9.03E-05	1.86E-05
6553	623966.07	4266680.53	0.00057897	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05	1.84E-05
6554	623957.15	4266676.66	0.00057232	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05	1.82E-05
6555	623948.23	4266672.79	0.00056546	1.94E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05	1.79E-05
6556	623939.32	4266668.91	0.00055845	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.62E-05	1.77E-05
6557	623930.4	4266665.04	0.00055131	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.63E-05	8.51E-05	1.75E-05
6558	623921.48	4266661.17	0.00054405	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05	1.73E-05
6559	623912.57	4266657.3	0.00053673	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
6560	623903.65	4266653.42	0.00052938	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
6561	623894.73	4266649.55	0.00052203	1.80E-04	4.36E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
6562	623885.82	4266645.68	0.00051471	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6563	623876.9	4266641.81	0.00050745	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
6564	623867.98	4266637.94	0.00050025	1.72E-04	4.18E-04	1.29E-04	9.90E-05	3.30E-05	7.72E-05	1.59E-05
6565	623859.07	4266634.06	0.00049313	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.56E-05
6566	623846.57	4266621.15	0.00048518	1.67E-04	4.06E-04	1.25E-04	9.60E-05	3.20E-05	7.49E-05	1.54E-05
6567	623842.99	4266612.12	0.00048423	1.67E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05	1.54E-05
6568	623839.4	4266603.08	0.00048326	1.66E-04	4.04E-04	1.24E-04	9.57E-05	3.18E-05	7.46E-05	1.53E-05
6569	623835.82	4266594.04	0.00048225	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05	1.53E-05
6570	623832.24	4266585.01	0.00048128	1.66E-04	4.02E-04	1.24E-04	9.53E-05	3.17E-05	7.43E-05	1.53E-05
6571	623828.66	4266575.97	0.00048027	1.65E-04	4.01E-04	1.24E-04	9.51E-05	3.16E-05	7.41E-05	1.52E-05
6572	623825.08	4266566.93	0.0004793	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.40E-05	1.52E-05
6573	623821.49	4266557.89	0.00047832	1.64E-04	4.00E-04	1.23E-04	9.47E-05	3.15E-05	7.38E-05	1.52E-05
6574	623817.91	4266548.86	0.00047735	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.15E-05	7.37E-05	1.51E-05
6575	623814.33	4266539.82	0.00047643	1.64E-04	3.98E-04	1.23E-04	9.43E-05	3.14E-05	7.35E-05	1.51E-05
6576	623810.75	4266530.78	0.00047554	1.64E-04	3.97E-04	1.22E-04	9.41E-05	3.13E-05	7.34E-05	1.51E-05
6577	623807.17	4266521.75	0.0004747	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.32E-05	1.51E-05
6578	623803.58	4266512.71	0.0004739	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05	1.50E-05
6579	623800	4266503.67	0.00047321	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05	1.50E-05
6580	623796.42	4266494.64	0.00047258	1.63E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
6581	623792.84	4266485.6	0.00047206	1.62E-04	3.95E-04	1.22E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
6582	623789.25	4266476.56	0.00047163	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
6583	623785.67	4266467.52	0.00047135	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.27E-05	1.50E-05
6584	623782.09	4266458.49	0.00047117	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.10E-05	7.27E-05	1.50E-05
6585	623778.51	4266449.45	0.00047112	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.10E-05	7.27E-05	1.50E-05
6586	623774.93	4266440.41	0.00047117	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.10E-05	7.27E-05	1.50E-05
6587	623771.34	4266431.38	0.00047132	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.27E-05	1.50E-05
6588	623767.76	4266422.34	0.00047158	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.28E-05	1.50E-05
6589	623764.18	4266413.3	0.00047189	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
6590	623760.6	4266404.26	0.00047224	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
6591	623757.02	4266395.23	0.00047261	1.63E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
6592	623753.43	4266386.19	0.00047295	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05	1.50E-05
6593	623749.85	4266377.15	0.00047324	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05	1.50E-05
6594	623746.27	4266368.12	0.00047341	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05	1.50E-05
6595	623742.69	4266359.08	0.00047347	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.31E-05	1.50E-05
6596	623739.1	4266350.04	0.00047336	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05	1.50E-05

6597	623735.52	4266341.01	0.00047304	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05	1.50E-05
6598	623731.94	4266331.97	0.00047247	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
6599	623728.36	4266322.93	0.00047163	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
6600	623724.78	4266313.89	0.00047051	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
6601	623721.19	4266304.86	0.00046905	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.24E-05	1.49E-05
6602	623717.61	4266295.82	0.00046736	1.61E-04	3.91E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05	1.48E-05
6603	623714.03	4266286.78	0.00046535	1.60E-04	3.89E-04	1.20E-04	9.21E-05	3.07E-05	7.18E-05	1.48E-05
6604	623710.45	4266277.75	0.00046317	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05	1.47E-05
6605	623706.87	4266268.71	0.0004607	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05	1.46E-05
6606	623703.28	4266259.67	0.00045792	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.07E-05	1.45E-05
6607	623699.7	4266250.64	0.00045493	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05	1.44E-05
6608	623696.12	4266241.6	0.00045189	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05	1.43E-05
6609	623692.54	4266232.56	0.00044873	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.92E-05	1.42E-05
6610	623688.95	4266223.52	0.00044543	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.93E-05	6.87E-05	1.41E-05
6611	623685.37	4266214.49	0.00044222	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
6612	623681.79	4266205.45	0.00043903	1.51E-04	3.67E-04	1.13E-04	8.69E-05	2.89E-05	6.77E-05	1.39E-05
6613	623678.21	4266196.41	0.0004359	1.50E-04	3.64E-04	1.12E-04	8.63E-05	2.87E-05	6.73E-05	1.38E-05
6614	623674.63	4266187.38	0.00043254	1.49E-04	3.62E-04	1.11E-04	8.56E-05	2.85E-05	6.67E-05	1.37E-05
6615	623671.04	4266178.34	0.0004291	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05	1.36E-05
6616	623667.46	4266169.3	0.00042566	1.46E-04	3.56E-04	1.10E-04	8.43E-05	2.80E-05	6.57E-05	1.35E-05
6617	623663.88	4266160.26	0.00042241	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
6618	623660.3	4266151.23	0.00041951	1.44E-04	3.51E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
6619	624340.56	4266843.17	0.00063772	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05	2.02E-05
6620	624350.45	4266843.35	0.00063827	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.21E-05	9.85E-05	2.03E-05
6621	624360.34	4266843.52	0.0006387	2.20E-04	5.34E-04	1.64E-04	1.26E-04	4.21E-05	9.86E-05	2.03E-05
6622	624370.23	4266843.7	0.00063901	2.20E-04	5.34E-04	1.65E-04	1.26E-04	4.21E-05	9.86E-05	2.03E-05
6623	624380.12	4266843.87	0.00063924	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.86E-05	2.03E-05
6624	624390.01	4266844.05	0.00063939	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6625	624399.9	4266844.23	0.00063947	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6626	624409.79	4266844.4	0.00063953	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6627	624419.68	4266844.58	0.00063953	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6628	624429.56	4266844.76	0.0006395	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6629	624439.45	4266844.93	0.00063947	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6630	624449.34	4266845.11	0.00063947	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6631	624459.23	4266845.29	0.00063947	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6632	624469.12	4266845.46	0.00063956	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6633	624479.01	4266845.64	0.0006397	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6634	624488.9	4266845.82	0.0006399	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.87E-05	2.03E-05
6635	624498.79	4266845.99	0.00064019	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.88E-05	2.03E-05
6636	624508.68	4266846.17	0.00064054	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.88E-05	2.03E-05
6637	624518.57	4266846.35	0.00064088	2.20E-04	5.36E-04	1.65E-04	1.27E-04	4.22E-05	9.89E-05	2.03E-05
6638	624528.46	4266846.52	0.00064125	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.89E-05	2.04E-05
6639	624538.35	4266846.7	0.00064157	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6640	624548.23	4266846.88	0.0006418	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6641	624558.12	4266847.05	0.00064191	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6642	624568.01	4266847.23	0.00064191	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6643	624577.9	4266847.41	0.00064188	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6644	624587.79	4266847.58	0.0006416	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6645	624597.68	4266847.76	0.00064094	2.20E-04	5.36E-04	1.65E-04	1.27E-04	4.22E-05	9.89E-05	2.03E-05
6646	624607.57	4266847.94	0.00063988	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.87E-05	2.03E-05
6647	624617.46	4266848.11	0.00063858	2.20E-04	5.34E-04	1.64E-04	1.26E-04	4.21E-05	9.85E-05	2.03E-05
6648	624627.35	4266848.29	0.00063706	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.20E-05	9.83E-05	2.02E-05
6649	624637.24	4266848.47	0.00063537	2.18E-04	5.31E-04	1.64E-04	1.26E-04	4.19E-05	9.80E-05	2.02E-05
6650	624647.13	4266848.64	0.00063353	2.18E-04	5.30E-04	1.63E-04	1.25E-04	4.17E-05	9.78E-05	2.01E-05
6651	624657.02	4266848.82	0.00063155	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.00E-05

6652	624666.91	4266849	0.00062934	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.71E-05	2.00E-05
6653	624676.79	4266849.17	0.00062722	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.68E-05	1.99E-05
6654	624686.68	4266849.35	0.00062518	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.98E-05
6655	624696.57	4266849.53	0.00062346	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05	1.98E-05
6656	624706.46	4266849.7	0.00062188	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05	1.97E-05
6657	624716.35	4266849.88	0.00062042	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
6658	624726.24	4266850.06	0.00061913	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
6659	624736.13	4266850.23	0.00061798	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05	1.96E-05
6660	624746.02	4266850.41	0.00061697	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.07E-05	9.52E-05	1.96E-05
6661	624755.91	4266850.59	0.00061623	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05	1.96E-05
6662	624765.8	4266850.76	0.00061551	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.06E-05	9.50E-05	1.95E-05
6663	624775.69	4266850.94	0.00061473	2.11E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.49E-05	1.95E-05
6664	624785.58	4266851.12	0.00061379	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
6665	624795.46	4266851.29	0.00061275	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05	1.94E-05
6666	624805.35	4266851.47	0.00061163	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05
6667	624815.24	4266851.65	0.0006104	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
6668	624825.13	4266851.82	0.00060908	2.09E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.40E-05	1.93E-05
6669	624835.02	4266852	0.00060762	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05	1.93E-05
6670	624329.74	4266939.23	0.00054008	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05	1.71E-05
6671	624320.7	4266935.3	0.00054307	1.87E-04	4.54E-04	1.40E-04	1.07E-04	3.58E-05	8.38E-05	1.72E-05
6672	624311.66	4266931.37	0.00054597	1.88E-04	4.56E-04	1.41E-04	1.08E-04	3.60E-05	8.42E-05	1.73E-05
6673	624302.62	4266927.45	0.00054872	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05	1.74E-05
6674	624293.58	4266923.52	0.00055134	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.63E-05	8.51E-05	1.75E-05
6675	624284.54	4266919.6	0.00055352	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05	1.76E-05
6676	624275.5	4266915.67	0.00055553	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05	1.76E-05
6677	624266.46	4266911.75	0.00055736	1.92E-04	4.66E-04	1.43E-04	1.10E-04	3.67E-05	8.60E-05	1.77E-05
6678	624257.42	4266907.82	0.00055917	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.63E-05	1.77E-05
6679	624248.38	4266903.89	0.00056069	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05	1.78E-05
6680	624239.34	4266899.97	0.00056187	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05	1.78E-05
6681	624230.3	4266896.04	0.00056276	1.94E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.79E-05
6682	624221.26	4266892.12	0.00056348	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05	1.79E-05
6683	624212.22	4266888.19	0.00056393	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
6684	624203.18	4266884.26	0.00056414	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
6685	624194.14	4266880.34	0.00056411	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
6686	624185.1	4266876.41	0.00056388	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
6687	624176.06	4266872.49	0.00056348	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05	1.79E-05
6688	624167.02	4266868.56	0.00056296	1.94E-04	4.71E-04	1.45E-04	1.11E-04	3.71E-05	8.69E-05	1.79E-05
6689	624157.98	4266864.64	0.00056233	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.78E-05
6690	624148.94	4266860.71	0.00056164	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05	1.78E-05
6691	624139.9	4266856.78	0.00056095	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.70E-05	8.66E-05	1.78E-05
6692	624130.86	4266852.86	0.0005602	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05	1.78E-05
6693	624121.82	4266848.93	0.00055949	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05	1.78E-05
6694	624112.78	4266845.01	0.00055877	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.62E-05	1.77E-05
6695	623986.22	4266790.04	0.00053635	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.28E-05	1.70E-05
6696	623977.18	4266786.12	0.00053294	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05
6697	623968.14	4266782.19	0.00052921	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
6698	623959.1	4266778.27	0.00052522	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05
6699	623950.06	4266774.34	0.00052091	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
6700	623941.02	4266770.41	0.00051638	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
6701	623931.98	4266766.49	0.00051159	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05	1.62E-05
6702	623922.94	4266762.56	0.00050659	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
6703	623913.9	4266758.64	0.00050137	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.74E-05	1.59E-05
6704	623904.86	4266754.71	0.00049597	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.65E-05	1.57E-05
6705	623895.82	4266750.79	0.00049043	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05	1.56E-05
6706	623886.78	4266746.86	0.00048475	1.67E-04	4.05E-04	1.25E-04	9.60E-05	3.19E-05	7.48E-05	1.54E-05

6707	623877.74	4266742.93	0.00047895	1.65E-04	4.00E-04	1.23E-04	9.48E-05	3.16E-05	7.39E-05	1.52E-05
6708	623868.7	4266739.01	0.0004731	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05	1.50E-05
6709	623859.66	4266735.08	0.00046719	1.61E-04	3.90E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05	1.48E-05
6710	623850.63	4266731.16	0.00046124	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05	1.46E-05
6711	623841.59	4266727.23	0.00045527	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05	1.44E-05
6712	623832.55	4266723.3	0.00044933	1.55E-04	3.76E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.43E-05
6713	623823.51	4266719.38	0.00044342	1.52E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.84E-05	1.41E-05
6714	623814.47	4266715.45	0.00043757	1.50E-04	3.66E-04	1.13E-04	8.66E-05	2.88E-05	6.75E-05	1.39E-05
6715	623805.43	4266711.53	0.00043177	1.48E-04	3.61E-04	1.11E-04	8.55E-05	2.84E-05	6.66E-05	1.37E-05
6716	623796.39	4266707.6	0.00042606	1.47E-04	3.56E-04	1.10E-04	8.43E-05	2.81E-05	6.57E-05	1.35E-05
6717	623787.35	4266703.68	0.0004204	1.45E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.49E-05	1.33E-05
6718	623774.67	4266690.59	0.00041395	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.39E-05	1.31E-05
6719	623771.04	4266681.43	0.00041309	1.42E-04	3.45E-04	1.06E-04	8.18E-05	2.72E-05	6.37E-05	1.31E-05
6720	623767.41	4266672.26	0.00041222	1.42E-04	3.45E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05	1.31E-05
6721	623763.78	4266663.1	0.00041136	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.35E-05	1.31E-05
6722	623760.15	4266653.94	0.0004105	1.41E-04	3.43E-04	1.06E-04	8.13E-05	2.70E-05	6.33E-05	1.30E-05
6723	623756.52	4266644.78	0.00040964	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05	1.30E-05
6724	623752.88	4266635.62	0.00040878	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05	1.30E-05
6725	623749.25	4266626.45	0.00040801	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05	1.29E-05
6726	623745.62	4266617.29	0.00040723	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05	1.29E-05
6727	623741.99	4266608.13	0.00040646	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05	1.29E-05
6728	623738.36	4266598.97	0.00040574	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
6729	623734.73	4266589.81	0.00040502	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05	1.29E-05
6730	623731.09	4266580.64	0.00040436	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
6731	623727.46	4266571.48	0.00040373	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6732	623723.83	4266562.32	0.00040315	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
6733	623720.2	4266553.16	0.00040267	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
6734	623716.57	4266544	0.00040221	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
6735	623712.94	4266534.83	0.00040186	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05	1.28E-05
6736	623709.31	4266525.67	0.00040161	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05	1.27E-05
6737	623705.67	4266516.51	0.00040146	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.19E-05	1.27E-05
6738	623702.04	4266507.35	0.0004014	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.64E-05	6.19E-05	1.27E-05
6739	623698.41	4266498.19	0.00040143	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.64E-05	6.19E-05	1.27E-05
6740	623694.78	4266489.02	0.00040158	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05	1.27E-05
6741	623691.15	4266479.86	0.00040183	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05	1.28E-05
6742	623687.52	4266470.7	0.00040215	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
6743	623683.88	4266461.54	0.00040255	1.38E-04	3.36E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
6744	623680.25	4266452.38	0.00040304	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
6745	623676.62	4266443.21	0.00040356	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6746	623672.99	4266434.05	0.0004041	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
6747	623669.36	4266424.89	0.00040465	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.24E-05	1.28E-05
6748	623665.73	4266415.73	0.00040516	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05	1.29E-05
6749	623662.09	4266406.57	0.00040559	1.39E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
6750	623658.46	4266397.4	0.00040591	1.40E-04	3.39E-04	1.05E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
6751	623654.83	4266388.24	0.00040608	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
6752	623651.2	4266379.08	0.00040617	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
6753	623647.57	4266369.92	0.00040602	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
6754	623643.94	4266360.76	0.00040571	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
6755	623640.3	4266351.59	0.00040519	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05	1.29E-05
6756	623636.67	4266342.43	0.00040442	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.66E-05	6.24E-05	1.28E-05
6757	623633.04	4266333.27	0.00040341	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.22E-05	1.28E-05
6758	623629.41	4266324.11	0.00040227	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
6759	623625.78	4266314.95	0.00040083	1.38E-04	3.35E-04	1.03E-04	7.93E-05	2.64E-05	6.19E-05	1.27E-05
6760	624338.78	4266943.15	0.00053704	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05
6761	624348.67	4266943.33	0.00053721	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05

6762	624358.55	4266943.51	0.00053733	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6763	624368.44	4266943.68	0.00053742	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6764	624378.33	4266943.86	0.00053744	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6765	624388.22	4266944.04	0.00053744	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6766	624398.11	4266944.21	0.00053742	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6767	624408	4266944.39	0.00053739	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6768	624417.89	4266944.57	0.00053733	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6769	624427.78	4266944.74	0.00053727	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6770	624437.67	4266944.92	0.00053719	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05
6771	624447.56	4266945.1	0.0005371	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05
6772	624457.45	4266945.27	0.00053698	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05
6773	624467.34	4266945.45	0.00053687	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
6774	624477.22	4266945.62	0.00053673	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
6775	624487.11	4266945.8	0.00053653	1.85E-04	4.48E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
6776	624497	4266945.98	0.00053632	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.28E-05	1.70E-05
6777	624506.89	4266946.15	0.00053607	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
6778	624516.78	4266946.33	0.00053572	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
6779	624526.67	4266946.51	0.00053529	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05	1.70E-05
6780	624536.56	4266946.68	0.00053478	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05	1.70E-05
6781	624546.45	4266946.86	0.00053414	1.84E-04	4.46E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05	1.70E-05
6782	624556.34	4266947.04	0.00053334	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05	1.69E-05
6783	624566.23	4266947.21	0.00053242	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05
6784	624576.12	4266947.39	0.0005313	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
6785	624586.01	4266947.57	0.00053004	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
6786	624595.9	4266947.74	0.00052869	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05	1.68E-05
6787	624605.78	4266947.92	0.0005274	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.14E-05	1.67E-05
6788	624615.67	4266948.1	0.00052599	1.81E-04	4.40E-04	1.35E-04	1.04E-04	3.47E-05	8.12E-05	1.67E-05
6789	624625.56	4266948.27	0.00052444	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.46E-05	8.09E-05	1.66E-05
6790	624635.45	4266948.45	0.00052266	1.80E-04	4.37E-04	1.35E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
6791	624645.34	4266948.63	0.00052083	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
6792	624655.23	4266948.8	0.00051905	1.78E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
6793	624665.12	4266948.98	0.00051733	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.41E-05	7.98E-05	1.64E-05
6794	624675.01	4266949.16	0.00051569	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
6795	624684.9	4266949.33	0.00051417	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6796	624694.79	4266949.51	0.00051282	1.76E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.91E-05	1.63E-05
6797	624704.68	4266949.69	0.00051161	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05	1.62E-05
6798	624714.57	4266949.86	0.00051058	1.76E-04	4.27E-04	1.31E-04	1.01E-04	3.36E-05	7.88E-05	1.62E-05
6799	624724.45	4266950.04	0.00050972	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05	1.62E-05
6800	624734.34	4266950.22	0.00050903	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05	1.62E-05
6801	624744.23	4266950.39	0.00050846	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05	1.61E-05
6802	624754.12	4266950.57	0.00050803	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05	1.61E-05
6803	624764.01	4266950.75	0.00050765	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
6804	624773.9	4266950.92	0.00050737	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
6805	624783.79	4266951.1	0.00050708	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
6806	624793.68	4266951.28	0.00050679	1.74E-04	4.24E-04	1.30E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
6807	624803.57	4266951.45	0.00050651	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
6808	624813.46	4266951.63	0.00050613	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.81E-05	1.61E-05
6809	624823.35	4266951.81	0.00050573	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.61E-05
6810	624833.24	4266951.98	0.00050524	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.60E-05
6811	624327.98	4267039.22	0.00046366	1.59E-04	3.88E-04	1.19E-04	9.18E-05	3.05E-05	7.15E-05	1.47E-05
6812	624318.98	4267035.31	0.00046595	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
6813	624309.97	4267031.4	0.00046822	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
6814	624300.96	4267027.49	0.00047046	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
6815	624291.95	4267023.58	0.00047255	1.63E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
6816	624282.95	4267019.67	0.00047439	1.63E-04	3.97E-04	1.22E-04	9.39E-05	3.13E-05	7.32E-05	1.51E-05

6817	624273.94	4267015.75	0.00047614	1.64E-04	3.98E-04	1.23E-04	9.42E-05	3.14E-05	7.35E-05	1.51E-05
6818	624264.93	4267011.84	0.00047769	1.64E-04	3.99E-04	1.23E-04	9.46E-05	3.15E-05	7.37E-05	1.52E-05
6819	624255.92	4267007.93	0.00047933	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.40E-05	1.52E-05
6820	624246.92	4267004.02	0.00048082	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05	1.53E-05
6821	624237.91	4267000.11	0.00048214	1.66E-04	4.03E-04	1.24E-04	9.54E-05	3.18E-05	7.44E-05	1.53E-05
6822	624228.9	4266996.19	0.00048326	1.66E-04	4.04E-04	1.24E-04	9.57E-05	3.18E-05	7.46E-05	1.53E-05
6823	624219.89	4266992.28	0.0004842	1.67E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05	1.54E-05
6824	624210.88	4266988.37	0.00048498	1.67E-04	4.05E-04	1.25E-04	9.60E-05	3.20E-05	7.48E-05	1.54E-05
6825	624201.88	4266984.46	0.00048555	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05	1.54E-05
6826	624192.87	4266980.55	0.00048598	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
6827	624183.86	4266976.64	0.00048621	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
6828	624174.85	4266972.72	0.00048636	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.20E-05	7.50E-05	1.54E-05
6829	624165.85	4266968.81	0.00048636	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.20E-05	7.50E-05	1.54E-05
6830	624156.84	4266964.9	0.00048624	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
6831	624147.83	4266960.99	0.00048607	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
6832	624138.82	4266957.08	0.00048587	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
6833	624129.82	4266953.16	0.00048564	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05	1.54E-05
6834	624120.81	4266949.25	0.00048541	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05	1.54E-05
6835	623742.49	4266784.96	0.00037695	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.82E-05	1.20E-05
6836	623733.48	4266781.04	0.00037236	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
6837	623724.48	4266777.13	0.00036782	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.68E-05	1.17E-05
6838	623715.47	4266773.22	0.00036338	1.25E-04	3.04E-04	9.36E-05	7.19E-05	2.39E-05	5.61E-05	1.15E-05
6839	623702.84	4266760.18	0.00035835	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
6840	623699.22	4266751.05	0.00035772	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05	1.14E-05
6841	623695.61	4266741.92	0.00035709	1.23E-04	2.98E-04	9.19E-05	7.07E-05	2.35E-05	5.51E-05	1.13E-05
6842	623691.99	4266732.79	0.00035646	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05	1.13E-05
6843	623688.37	4266723.66	0.00035586	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05	1.13E-05
6844	623684.75	4266714.53	0.00035523	1.22E-04	2.97E-04	9.15E-05	7.03E-05	2.34E-05	5.48E-05	1.13E-05
6845	623681.13	4266705.4	0.00035462	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05	1.13E-05
6846	623677.51	4266696.27	0.00035402	1.22E-04	2.96E-04	9.11E-05	7.01E-05	2.33E-05	5.46E-05	1.12E-05
6847	623673.89	4266687.14	0.00035342	1.22E-04	2.95E-04	9.10E-05	7.00E-05	2.33E-05	5.45E-05	1.12E-05
6848	623670.28	4266678.02	0.00035284	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05	1.12E-05
6849	623666.66	4266668.89	0.0003523	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.44E-05	1.12E-05
6850	623663.04	4266659.76	0.00035175	1.21E-04	2.94E-04	9.06E-05	6.96E-05	2.32E-05	5.43E-05	1.12E-05
6851	623659.42	4266650.63	0.00035118	1.21E-04	2.94E-04	9.04E-05	6.95E-05	2.31E-05	5.42E-05	1.11E-05
6852	623655.8	4266641.5	0.00035063	1.21E-04	2.93E-04	9.03E-05	6.94E-05	2.31E-05	5.41E-05	1.11E-05
6853	623652.18	4266632.37	0.00035012	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05	1.11E-05
6854	623648.56	4266623.24	0.00034963	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.39E-05	1.11E-05
6855	623644.94	4266614.11	0.00034917	1.20E-04	2.92E-04	8.99E-05	6.91E-05	2.30E-05	5.39E-05	1.11E-05
6856	623641.33	4266604.98	0.00034877	1.20E-04	2.92E-04	8.98E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
6857	623637.71	4266595.85	0.00034839	1.20E-04	2.91E-04	8.97E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
6858	623634.09	4266586.72	0.00034808	1.20E-04	2.91E-04	8.96E-05	6.89E-05	2.29E-05	5.37E-05	1.10E-05
6859	623630.47	4266577.59	0.00034791	1.20E-04	2.91E-04	8.96E-05	6.89E-05	2.29E-05	5.37E-05	1.10E-05
6860	623626.85	4266568.46	0.00034776	1.20E-04	2.91E-04	8.95E-05	6.88E-05	2.29E-05	5.37E-05	1.10E-05
6861	623623.23	4266559.34	0.00034771	1.20E-04	2.91E-04	8.95E-05	6.88E-05	2.29E-05	5.37E-05	1.10E-05
6862	623619.61	4266550.21	0.00034773	1.20E-04	2.91E-04	8.95E-05	6.88E-05	2.29E-05	5.37E-05	1.10E-05
6863	624336.99	4267043.14	0.00046133	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05	1.46E-05
6864	624346.88	4267043.31	0.00046147	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05	1.46E-05
6865	624356.77	4267043.49	0.00046156	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.46E-05
6866	624366.66	4267043.67	0.00046165	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.47E-05
6867	624376.55	4267043.84	0.0004617	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.47E-05
6868	624386.44	4267044.02	0.00046176	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05	1.47E-05
6869	624396.33	4267044.2	0.00046176	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05	1.47E-05
6870	624406.21	4267044.37	0.00046176	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05	1.47E-05
6871	624416.1	4267044.55	0.0004617	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.47E-05

6872	624425.99	4267044.73	0.00046162	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.47E-05
6873	624435.88	4267044.9	0.00046145	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05	1.46E-05
6874	624445.77	4267045.08	0.00046122	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05	1.46E-05
6875	624455.66	4267045.26	0.0004609	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05	1.46E-05
6876	624465.55	4267045.43	0.0004605	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.03E-05	7.11E-05	1.46E-05
6877	624475.44	4267045.61	0.00045998	1.58E-04	3.84E-04	1.18E-04	9.10E-05	3.03E-05	7.10E-05	1.46E-05
6878	624485.33	4267045.79	0.00045938	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05	1.46E-05
6879	624495.22	4267045.96	0.00045863	1.58E-04	3.83E-04	1.18E-04	9.08E-05	3.02E-05	7.08E-05	1.46E-05
6880	624505.11	4267046.14	0.0004578	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05	1.45E-05
6881	624515	4267046.32	0.00045682	1.57E-04	3.82E-04	1.18E-04	9.04E-05	3.01E-05	7.05E-05	1.45E-05
6882	624524.89	4267046.49	0.00045576	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
6883	624534.77	4267046.67	0.00045459	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.01E-05	1.44E-05
6884	624544.66	4267046.85	0.00045327	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.99E-05	6.99E-05	1.44E-05
6885	624554.55	4267047.02	0.00045186	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05	1.43E-05
6886	624564.44	4267047.2	0.00045037	1.55E-04	3.76E-04	1.16E-04	8.91E-05	2.97E-05	6.95E-05	1.43E-05
6887	624574.33	4267047.37	0.00044879	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.93E-05	1.42E-05
6888	624584.22	4267047.55	0.00044715	1.54E-04	3.74E-04	1.15E-04	8.85E-05	2.95E-05	6.90E-05	1.42E-05
6889	624594.11	4267047.73	0.00044546	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.93E-05	6.87E-05	1.41E-05
6890	624604	4267047.9	0.00044377	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05	1.41E-05
6891	624613.89	4267048.08	0.00044202	1.52E-04	3.69E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
6892	624623.78	4267048.26	0.00044032	1.51E-04	3.68E-04	1.13E-04	8.72E-05	2.90E-05	6.79E-05	1.40E-05
6893	624633.67	4267048.43	0.00043874	1.51E-04	3.67E-04	1.13E-04	8.68E-05	2.89E-05	6.77E-05	1.39E-05
6894	624643.56	4267048.61	0.00043725	1.50E-04	3.65E-04	1.13E-04	8.65E-05	2.88E-05	6.75E-05	1.39E-05
6895	624653.44	4267048.79	0.00043579	1.50E-04	3.64E-04	1.12E-04	8.63E-05	2.87E-05	6.72E-05	1.38E-05
6896	624663.33	4267048.96	0.00043444	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05	1.38E-05
6897	624673.22	4267049.14	0.00043318	1.49E-04	3.62E-04	1.12E-04	8.57E-05	2.85E-05	6.68E-05	1.37E-05
6898	624683.11	4267049.32	0.00043206	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.67E-05	1.37E-05
6899	624693	4267049.49	0.00043097	1.48E-04	3.60E-04	1.11E-04	8.53E-05	2.84E-05	6.65E-05	1.37E-05
6900	624702.89	4267049.67	0.00043005	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.64E-05	1.36E-05
6901	624712.78	4267049.85	0.00042924	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.62E-05	1.36E-05
6902	624722.67	4267050.02	0.00042858	1.47E-04	3.58E-04	1.10E-04	8.48E-05	2.82E-05	6.61E-05	1.36E-05
6903	624732.56	4267050.2	0.00042807	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.61E-05	1.36E-05
6904	624742.45	4267050.38	0.00042767	1.47E-04	3.57E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05	1.36E-05
6905	624752.34	4267050.55	0.00042738	1.47E-04	3.57E-04	1.10E-04	8.46E-05	2.82E-05	6.59E-05	1.36E-05
6906	624762.23	4267050.73	0.00042718	1.47E-04	3.57E-04	1.10E-04	8.46E-05	2.81E-05	6.59E-05	1.36E-05
6907	624772.12	4267050.91	0.00042703	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.36E-05
6908	624782	4267051.08	0.00042698	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.36E-05
6909	624791.89	4267051.26	0.00042695	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.35E-05
6910	624801.78	4267051.44	0.00042692	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.35E-05
6911	624811.67	4267051.61	0.00042692	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.35E-05
6912	624821.56	4267051.79	0.00042689	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.35E-05
6913	624831.45	4267051.97	0.00042686	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.35E-05
6914	624326.22	4267139.22	0.00040514	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05	1.29E-05
6915	624317.24	4267135.32	0.00040686	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05	1.29E-05
6916	624308.26	4267131.42	0.00040855	1.40E-04	3.41E-04	1.05E-04	8.09E-05	2.69E-05	6.30E-05	1.30E-05
6917	624299.28	4267127.52	0.00041022	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05	1.30E-05
6918	624290.3	4267123.62	0.00041185	1.42E-04	3.44E-04	1.06E-04	8.15E-05	2.71E-05	6.36E-05	1.31E-05
6919	624281.31	4267119.72	0.00041343	1.42E-04	3.46E-04	1.06E-04	8.18E-05	2.72E-05	6.38E-05	1.31E-05
6920	624272.33	4267115.82	0.00041486	1.43E-04	3.47E-04	1.07E-04	8.21E-05	2.73E-05	6.40E-05	1.32E-05
6921	624263.35	4267111.92	0.00041618	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
6922	624254.37	4267108.01	0.00041742	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
6923	624245.39	4267104.11	0.00041857	1.44E-04	3.50E-04	1.08E-04	8.29E-05	2.76E-05	6.46E-05	1.33E-05
6924	624236.4	4267100.21	0.00041966	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05	1.33E-05
6925	624227.42	4267096.31	0.00042069	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05	1.34E-05
6926	624218.44	4267092.41	0.00042158	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.51E-05	1.34E-05

6927	624209.46	4267088.51	0.00042236	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
6928	624200.48	4267084.61	0.00042299	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05	1.34E-05
6929	624191.49	4267080.71	0.0004235	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05	1.34E-05
6930	624182.51	4267076.81	0.00042388	1.46E-04	3.54E-04	1.09E-04	8.39E-05	2.79E-05	6.54E-05	1.35E-05
6931	624173.53	4267072.91	0.00042413	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.79E-05	6.54E-05	1.35E-05
6932	624164.55	4267069.01	0.00042431	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05	1.35E-05
6933	624335.2	4267143.12	0.00040341	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.22E-05	1.28E-05
6934	624345.09	4267143.3	0.00040359	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6935	624354.98	4267143.47	0.00040376	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6936	624364.87	4267143.65	0.00040387	1.39E-04	3.38E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6937	624374.76	4267143.83	0.00040393	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05	1.28E-05
6938	624384.65	4267144	0.00040399	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05	1.28E-05
6939	624394.54	4267144.18	0.00040396	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05	1.28E-05
6940	624404.43	4267144.36	0.00040387	1.39E-04	3.38E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6941	624414.32	4267144.53	0.0004037	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6942	624424.21	4267144.71	0.00040344	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6943	624434.1	4267144.89	0.00040307	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
6944	624443.99	4267145.06	0.00040261	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
6945	624453.88	4267145.24	0.00040198	1.38E-04	3.36E-04	1.03E-04	7.96E-05	2.65E-05	6.20E-05	1.28E-05
6946	624463.76	4267145.42	0.00040123	1.38E-04	3.35E-04	1.03E-04	7.94E-05	2.64E-05	6.19E-05	1.27E-05
6947	624473.65	4267145.59	0.00040034	1.38E-04	3.35E-04	1.03E-04	7.92E-05	2.64E-05	6.18E-05	1.27E-05
6948	624483.54	4267145.77	0.00039931	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05	1.27E-05
6949	624493.43	4267145.95	0.00039816	1.37E-04	3.33E-04	1.03E-04	7.88E-05	2.62E-05	6.14E-05	1.26E-05
6950	624503.32	4267146.12	0.00039687	1.36E-04	3.32E-04	1.02E-04	7.86E-05	2.61E-05	6.12E-05	1.26E-05
6951	624513.21	4267146.3	0.00039546	1.36E-04	3.31E-04	1.02E-04	7.83E-05	2.61E-05	6.10E-05	1.26E-05
6952	624523.1	4267146.48	0.00039391	1.35E-04	3.29E-04	1.01E-04	7.80E-05	2.60E-05	6.08E-05	1.25E-05
6953	624532.99	4267146.65	0.00039231	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.58E-05	6.05E-05	1.24E-05
6954	624542.88	4267146.83	0.00039064	1.34E-04	3.27E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
6955	624552.77	4267147.01	0.00038889	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.00E-05	1.23E-05
6956	624562.66	4267147.18	0.00038711	1.33E-04	3.24E-04	9.97E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
6957	624572.55	4267147.36	0.00038533	1.33E-04	3.22E-04	9.92E-05	7.63E-05	2.54E-05	5.95E-05	1.22E-05
6958	624582.43	4267147.54	0.00038352	1.32E-04	3.21E-04	9.87E-05	7.59E-05	2.53E-05	5.92E-05	1.22E-05
6959	624592.32	4267147.71	0.00038177	1.31E-04	3.19E-04	9.83E-05	7.56E-05	2.52E-05	5.89E-05	1.21E-05
6960	624602.21	4267147.89	0.00038008	1.31E-04	3.18E-04	9.79E-05	7.52E-05	2.50E-05	5.86E-05	1.21E-05
6961	624612.1	4267148.07	0.00037842	1.30E-04	3.16E-04	9.74E-05	7.49E-05	2.49E-05	5.84E-05	1.20E-05
6962	624621.99	4267148.24	0.00037684	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.81E-05	1.20E-05
6963	624631.88	4267148.42	0.00037534	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
6964	624641.77	4267148.6	0.00037394	1.29E-04	3.13E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05	1.19E-05
6965	624651.66	4267148.77	0.00037265	1.28E-04	3.11E-04	9.59E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
6966	624661.55	4267148.95	0.00037147	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
6967	624671.44	4267149.12	0.00037041	1.27E-04	3.10E-04	9.54E-05	7.33E-05	2.44E-05	5.72E-05	1.18E-05
6968	624681.33	4267149.3	0.00036946	1.27E-04	3.09E-04	9.51E-05	7.31E-05	2.43E-05	5.70E-05	1.17E-05
6969	624691.22	4267149.48	0.00036863	1.27E-04	3.08E-04	9.49E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
6970	624701.11	4267149.65	0.00036797	1.27E-04	3.08E-04	9.47E-05	7.28E-05	2.42E-05	5.68E-05	1.17E-05
6971	624710.99	4267149.83	0.00036737	1.26E-04	3.07E-04	9.46E-05	7.27E-05	2.42E-05	5.67E-05	1.17E-05
6972	624720.88	4267150.01	0.00036696	1.26E-04	3.07E-04	9.45E-05	7.26E-05	2.42E-05	5.66E-05	1.16E-05
6973	624730.77	4267150.18	0.00036668	1.26E-04	3.06E-04	9.44E-05	7.26E-05	2.42E-05	5.66E-05	1.16E-05
6974	624740.66	4267150.36	0.00036648	1.26E-04	3.06E-04	9.44E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
6975	624750.55	4267150.54	0.00036625	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
6976	624760.44	4267150.71	0.0003661	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
6977	624770.33	4267150.89	0.00036599	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05
6978	624780.22	4267151.07	0.0003659	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05
6979	624790.11	4267151.24	0.0003659	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05
6980	624800	4267151.42	0.0003659	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05
6981	624809.89	4267151.6	0.00036593	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05

6982	624819.78	4267151.77	0.00036599	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05
6983	624829.66	4267151.95	0.00036605	1.26E-04	3.06E-04	9.42E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
6984	624070.49	4267128.92	0.00037408	1.29E-04	3.13E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05	1.19E-05
6985	624061.43	4267124.98	0.00037425	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.77E-05	1.19E-05
6986	624052.36	4267121.05	0.00037448	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
6987	624043.29	4267117.11	0.00037483	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.78E-05	1.19E-05
6988	624034.23	4267113.17	0.00037523	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
6989	624025.16	4267109.23	0.00037575	1.29E-04	3.14E-04	9.67E-05	7.44E-05	2.48E-05	5.80E-05	1.19E-05
6990	624016.09	4267105.3	0.00037629	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
6991	624007.03	4267101.36	0.00037692	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.82E-05	1.20E-05
6992	623997.96	4267097.42	0.00037758	1.30E-04	3.16E-04	9.72E-05	7.47E-05	2.49E-05	5.83E-05	1.20E-05
6993	623988.9	4267093.48	0.00037827	1.30E-04	3.16E-04	9.74E-05	7.49E-05	2.49E-05	5.84E-05	1.20E-05
6994	623979.83	4267089.55	0.00037896	1.30E-04	3.17E-04	9.76E-05	7.50E-05	2.50E-05	5.85E-05	1.20E-05
6995	623970.76	4267085.61	0.00037962	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
6996	623961.7	4267081.67	0.00038019	1.31E-04	3.18E-04	9.79E-05	7.53E-05	2.51E-05	5.87E-05	1.21E-05
6997	623952.63	4267077.73	0.00038063	1.31E-04	3.18E-04	9.80E-05	7.53E-05	2.51E-05	5.87E-05	1.21E-05
6998	623943.56	4267073.8	0.00038094	1.31E-04	3.18E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
6999	623934.5	4267069.86	0.00038114	1.31E-04	3.19E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
7000	623925.43	4267065.92	0.00038131	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.88E-05	1.21E-05
7001	623916.36	4267061.98	0.00038131	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.88E-05	1.21E-05
7002	623907.3	4267058.05	0.00038117	1.31E-04	3.19E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
7003	623898.23	4267054.11	0.0003808	1.31E-04	3.18E-04	9.80E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
7004	623889.17	4267050.17	0.00038025	1.31E-04	3.18E-04	9.79E-05	7.53E-05	2.51E-05	5.87E-05	1.21E-05
7005	623880.1	4267046.23	0.00037948	1.30E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
7006	623871.03	4267042.3	0.0003785	1.30E-04	3.16E-04	9.75E-05	7.49E-05	2.49E-05	5.84E-05	1.20E-05
7007	623861.97	4267038.36	0.0003773	1.30E-04	3.15E-04	9.71E-05	7.47E-05	2.49E-05	5.82E-05	1.20E-05
7008	623852.9	4267034.42	0.00037589	1.29E-04	3.14E-04	9.68E-05	7.44E-05	2.48E-05	5.80E-05	1.19E-05
7009	623843.83	4267030.49	0.00037428	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
7010	623834.77	4267026.55	0.00037247	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
7011	624620.21	4267248.23	0.00032741	1.13E-04	2.74E-04	8.43E-05	6.48E-05	2.16E-05	5.05E-05	1.04E-05
7012	624630.1	4267248.4	0.00032609	1.12E-04	2.73E-04	8.40E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
7013	624639.98	4267248.58	0.00032489	1.12E-04	2.72E-04	8.36E-05	6.43E-05	2.14E-05	5.01E-05	1.03E-05
7014	624649.87	4267248.76	0.0003238	1.11E-04	2.71E-04	8.34E-05	6.41E-05	2.13E-05	5.00E-05	1.03E-05
7015	624659.76	4267248.93	0.00032282	1.11E-04	2.70E-04	8.31E-05	6.39E-05	2.13E-05	4.98E-05	1.02E-05
7016	624669.65	4267249.11	0.00032196	1.11E-04	2.69E-04	8.29E-05	6.37E-05	2.12E-05	4.97E-05	1.02E-05
7017	624679.54	4267249.29	0.00032122	1.10E-04	2.68E-04	8.27E-05	6.36E-05	2.12E-05	4.96E-05	1.02E-05
7018	624689.43	4267249.46	0.00032058	1.10E-04	2.68E-04	8.25E-05	6.35E-05	2.11E-05	4.95E-05	1.02E-05
7019	624699.32	4267249.64	0.00032004	1.10E-04	2.68E-04	8.24E-05	6.33E-05	2.11E-05	4.94E-05	1.02E-05
7020	624709.21	4267249.82	0.00031958	1.10E-04	2.67E-04	8.23E-05	6.33E-05	2.11E-05	4.93E-05	1.01E-05
7021	624719.1	4267249.99	0.00031921	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05	1.01E-05
7022	624728.99	4267250.17	0.00031892	1.10E-04	2.67E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
7023	624738.88	4267250.35	0.00031869	1.10E-04	2.66E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
7024	624748.77	4267250.52	0.00031855	1.10E-04	2.66E-04	8.20E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
7025	624758.66	4267250.7	0.00031849	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7026	624768.54	4267250.88	0.00031849	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7027	624778.43	4267251.05	0.00031849	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7028	624788.32	4267251.23	0.00031846	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7029	624798.21	4267251.4	0.00031846	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7030	624808.1	4267251.58	0.00031846	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7031	624817.99	4267251.76	0.00031846	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7032	624827.88	4267251.93	0.00031849	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7033	624867.68	4266142.51	0.0045476	1.56E-03	3.80E-03	1.17E-03	9.00E-04	3.00E-04	7.02E-04	1.44E-04
7034	624867.84	4266132.57	0.0046633	1.60E-03	3.90E-03	1.20E-03	9.23E-04	3.07E-04	7.20E-04	1.48E-04
7035	624868.01	4266122.64	0.0047838	1.65E-03	4.00E-03	1.23E-03	9.47E-04	3.15E-04	7.38E-04	1.52E-04
7036	624868.17	4266112.71	0.0049099	1.69E-03	4.10E-03	1.26E-03	9.72E-04	3.24E-04	7.58E-04	1.56E-04

7037	624868.33	4266102.77	0.0050391	1.73E-03	4.21E-03	1.30E-03	9.97E-04	3.32E-04	7.78E-04	1.60E-04
7038	624868.5	4266092.84	0.0051673	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.40E-04	7.97E-04	1.64E-04
7039	624868.66	4266082.91	0.0052935	1.82E-03	4.42E-03	1.36E-03	1.05E-03	3.49E-04	8.17E-04	1.68E-04
7040	624868.83	4266072.97	0.0054147	1.86E-03	4.53E-03	1.39E-03	1.07E-03	3.57E-04	8.36E-04	1.72E-04
7041	624868.99	4266063.04	0.0055307	1.90E-03	4.62E-03	1.42E-03	1.09E-03	3.64E-04	8.53E-04	1.76E-04
7042	624869.15	4266053.11	0.0056399	1.94E-03	4.71E-03	1.45E-03	1.12E-03	3.72E-04	8.70E-04	1.79E-04
7043	624869.32	4266043.17	0.005742	1.97E-03	4.80E-03	1.48E-03	1.14E-03	3.78E-04	8.86E-04	1.82E-04
7044	624869.48	4266033.24	0.0058412	2.01E-03	4.88E-03	1.50E-03	1.16E-03	3.85E-04	9.01E-04	1.85E-04
7045	624869.64	4266023.31	0.0059319	2.04E-03	4.96E-03	1.53E-03	1.17E-03	3.91E-04	9.15E-04	1.88E-04
7046	624869.81	4266013.37	0.0060125	2.07E-03	5.03E-03	1.55E-03	1.19E-03	3.96E-04	9.28E-04	1.91E-04
7047	624869.97	4266003.44	0.0060792	2.09E-03	5.08E-03	1.57E-03	1.20E-03	4.01E-04	9.38E-04	1.93E-04
7048	624870.13	4265993.51	0.006137	2.11E-03	5.13E-03	1.58E-03	1.21E-03	4.04E-04	9.47E-04	1.95E-04
7049	624870.3	4265983.57	0.0061854	2.13E-03	5.17E-03	1.59E-03	1.22E-03	4.08E-04	9.54E-04	1.96E-04
7050	624870.46	4265973.64	0.006226	2.14E-03	5.20E-03	1.60E-03	1.23E-03	4.10E-04	9.61E-04	1.98E-04
7051	624870.62	4265963.71	0.0062584	2.15E-03	5.23E-03	1.61E-03	1.24E-03	4.12E-04	9.66E-04	1.99E-04
7052	624870.79	4265953.77	0.0062819	2.16E-03	5.25E-03	1.62E-03	1.24E-03	4.14E-04	9.69E-04	1.99E-04
7053	624870.95	4265943.84	0.0062984	2.17E-03	5.26E-03	1.62E-03	1.25E-03	4.15E-04	9.72E-04	2.00E-04
7054	624871.12	4265933.91	0.0063064	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.16E-04	9.73E-04	2.00E-04
7055	624871.28	4265923.97	0.0063076	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.16E-04	9.73E-04	2.00E-04
7056	624871.44	4265914.04	0.0063012	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.15E-04	9.72E-04	2.00E-04
7057	624871.61	4265904.11	0.0062866	2.16E-03	5.25E-03	1.62E-03	1.24E-03	4.14E-04	9.70E-04	2.00E-04
7058	624871.77	4265894.17	0.0062652	2.15E-03	5.24E-03	1.61E-03	1.24E-03	4.13E-04	9.67E-04	1.99E-04
7059	624871.93	4265884.24	0.0062379	2.15E-03	5.21E-03	1.61E-03	1.23E-03	4.11E-04	9.63E-04	1.98E-04
7060	624872.1	4265874.31	0.0062022	2.13E-03	5.18E-03	1.60E-03	1.23E-03	4.09E-04	9.57E-04	1.97E-04
7061	624872.26	4265864.37	0.0061591	2.12E-03	5.15E-03	1.59E-03	1.22E-03	4.06E-04	9.50E-04	1.95E-04
7062	624872.42	4265854.44	0.0061076	2.10E-03	5.11E-03	1.57E-03	1.21E-03	4.02E-04	9.42E-04	1.94E-04
7063	624872.59	4265844.51	0.006047	2.08E-03	5.05E-03	1.56E-03	1.20E-03	3.98E-04	9.33E-04	1.92E-04
7064	624872.75	4265834.57	0.0059791	2.06E-03	5.00E-03	1.54E-03	1.18E-03	3.94E-04	9.23E-04	1.90E-04
7065	624872.91	4265824.64	0.0059069	2.03E-03	4.94E-03	1.52E-03	1.17E-03	3.89E-04	9.11E-04	1.87E-04
7066	624873.08	4265814.71	0.0058265	2.00E-03	4.87E-03	1.50E-03	1.15E-03	3.84E-04	8.99E-04	1.85E-04
7067	624873.24	4265804.77	0.005738	1.97E-03	4.80E-03	1.48E-03	1.14E-03	3.78E-04	8.85E-04	1.82E-04
7068	624873.4	4265794.84	0.0056394	1.94E-03	4.71E-03	1.45E-03	1.12E-03	3.72E-04	8.70E-04	1.79E-04
7069	624873.57	4265784.91	0.0055344	1.90E-03	4.63E-03	1.42E-03	1.10E-03	3.65E-04	8.54E-04	1.76E-04
7070	624873.73	4265774.97	0.0054253	1.87E-03	4.53E-03	1.40E-03	1.07E-03	3.57E-04	8.37E-04	1.72E-04
7071	624873.9	4265765.04	0.0053129	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.20E-04	1.69E-04
7072	624874.06	4265755.11	0.0052002	1.79E-03	4.35E-03	1.34E-03	1.03E-03	3.43E-04	8.02E-04	1.65E-04
7073	624874.22	4265745.17	0.0050883	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.85E-04	1.61E-04
7074	624874.39	4265735.24	0.004978	1.71E-03	4.16E-03	1.28E-03	9.85E-04	3.28E-04	7.68E-04	1.58E-04
7075	624874.55	4265725.31	0.0048703	1.67E-03	4.07E-03	1.25E-03	9.64E-04	3.21E-04	7.52E-04	1.55E-04
7076	624874.71	4265715.37	0.0047638	1.64E-03	3.98E-03	1.23E-03	9.43E-04	3.14E-04	7.35E-04	1.51E-04
7077	624874.88	4265705.44	0.004657	1.60E-03	3.89E-03	1.20E-03	9.22E-04	3.07E-04	7.19E-04	1.48E-04
7078	624875.04	4265695.51	0.0045495	1.56E-03	3.80E-03	1.17E-03	9.01E-04	3.00E-04	7.02E-04	1.44E-04
7079	624875.2	4265685.57	0.0044382	1.53E-03	3.71E-03	1.14E-03	8.78E-04	2.92E-04	6.85E-04	1.41E-04
7080	624861.24	4266176.49	0.004391	1.51E-03	3.67E-03	1.13E-03	8.69E-04	2.89E-04	6.78E-04	1.39E-04
7081	624877.68	4266142.67	0.0041158	1.42E-03	3.44E-03	1.06E-03	8.15E-04	2.71E-04	6.35E-04	1.31E-04
7082	624877.84	4266132.74	0.0042076	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.49E-04	1.34E-04
7083	624878.01	4266122.8	0.004303	1.48E-03	3.60E-03	1.11E-03	8.52E-04	2.84E-04	6.64E-04	1.37E-04
7084	624878.17	4266112.87	0.0044029	1.51E-03	3.68E-03	1.13E-03	8.72E-04	2.90E-04	6.79E-04	1.40E-04
7085	624878.33	4266102.94	0.0045057	1.55E-03	3.77E-03	1.16E-03	8.92E-04	2.97E-04	6.95E-04	1.43E-04
7086	624878.5	4266093	0.0046088	1.58E-03	3.85E-03	1.19E-03	9.12E-04	3.04E-04	7.11E-04	1.46E-04
7087	624878.66	4266083.07	0.0047111	1.62E-03	3.94E-03	1.21E-03	9.33E-04	3.10E-04	7.27E-04	1.50E-04
7088	624878.82	4266073.14	0.0048107	1.65E-03	4.02E-03	1.24E-03	9.52E-04	3.17E-04	7.42E-04	1.53E-04
7089	624878.99	4266063.2	0.0049061	1.69E-03	4.10E-03	1.26E-03	9.71E-04	3.23E-04	7.57E-04	1.56E-04
7090	624879.15	4266053.27	0.0049972	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04	1.59E-04
7091	624879.31	4266043.34	0.005084	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.84E-04	1.61E-04

7092	624879.48	4266033.4	0.0051682	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.41E-04	7.97E-04	1.64E-04
7093	624879.64	4266023.47	0.0052467	1.80E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.10E-04	1.67E-04
7094	624879.81	4266013.54	0.0053174	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.21E-04	1.69E-04
7095	624879.97	4266003.6	0.0053771	1.85E-03	4.49E-03	1.38E-03	1.06E-03	3.54E-04	8.30E-04	1.71E-04
7096	624880.13	4265993.67	0.0054295	1.87E-03	4.54E-03	1.40E-03	1.07E-03	3.58E-04	8.38E-04	1.72E-04
7097	624880.3	4265983.74	0.0054741	1.88E-03	4.58E-03	1.41E-03	1.08E-03	3.61E-04	8.45E-04	1.74E-04
7098	624880.46	4265973.8	0.0055121	1.90E-03	4.61E-03	1.42E-03	1.09E-03	3.63E-04	8.51E-04	1.75E-04
7099	624880.62	4265963.87	0.005543	1.91E-03	4.63E-03	1.43E-03	1.10E-03	3.65E-04	8.55E-04	1.76E-04
7100	624880.79	4265953.94	0.0055662	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.67E-04	8.59E-04	1.77E-04
7101	624880.95	4265944	0.005583	1.92E-03	4.67E-03	1.44E-03	1.11E-03	3.68E-04	8.61E-04	1.77E-04
7102	624881.11	4265934.07	0.005593	1.92E-03	4.67E-03	1.44E-03	1.11E-03	3.69E-04	8.63E-04	1.78E-04
7103	624881.28	4265924.14	0.0055955	1.92E-03	4.68E-03	1.44E-03	1.11E-03	3.69E-04	8.63E-04	1.78E-04
7104	624881.44	4265914.2	0.005592	1.92E-03	4.67E-03	1.44E-03	1.11E-03	3.68E-04	8.63E-04	1.77E-04
7105	624881.6	4265904.27	0.0055817	1.92E-03	4.67E-03	1.44E-03	1.10E-03	3.68E-04	8.61E-04	1.77E-04
7106	624881.77	4265894.34	0.0055642	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.67E-04	8.59E-04	1.77E-04
7107	624881.93	4265884.4	0.0055432	1.91E-03	4.63E-03	1.43E-03	1.10E-03	3.65E-04	8.55E-04	1.76E-04
7108	624882.1	4265874.47	0.0055154	1.90E-03	4.61E-03	1.42E-03	1.09E-03	3.63E-04	8.51E-04	1.75E-04
7109	624882.26	4265864.54	0.0054811	1.88E-03	4.58E-03	1.41E-03	1.08E-03	3.61E-04	8.46E-04	1.74E-04
7110	624882.42	4265854.6	0.0054374	1.87E-03	4.54E-03	1.40E-03	1.08E-03	3.58E-04	8.39E-04	1.73E-04
7111	624882.59	4265844.67	0.0053864	1.85E-03	4.50E-03	1.39E-03	1.07E-03	3.55E-04	8.31E-04	1.71E-04
7112	624882.75	4265834.74	0.0053295	1.83E-03	4.45E-03	1.37E-03	1.05E-03	3.51E-04	8.22E-04	1.69E-04
7113	624882.91	4265824.8	0.0052678	1.81E-03	4.40E-03	1.36E-03	1.04E-03	3.47E-04	8.13E-04	1.67E-04
7114	624883.08	4265814.87	0.0051994	1.79E-03	4.35E-03	1.34E-03	1.03E-03	3.43E-04	8.02E-04	1.65E-04
7115	624883.24	4265804.94	0.0051256	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.38E-04	7.91E-04	1.63E-04
7116	624883.4	4265795	0.0050456	1.74E-03	4.22E-03	1.30E-03	9.99E-04	3.32E-04	7.79E-04	1.60E-04
7117	624883.57	4265785.07	0.0049614	1.71E-03	4.15E-03	1.28E-03	9.82E-04	3.27E-04	7.66E-04	1.57E-04
7118	624883.73	4265775.14	0.004875	1.68E-03	4.07E-03	1.26E-03	9.65E-04	3.21E-04	7.52E-04	1.55E-04
7119	624883.89	4265765.2	0.0047871	1.65E-03	4.00E-03	1.23E-03	9.48E-04	3.15E-04	7.39E-04	1.52E-04
7120	624884.06	4265755.27	0.0046987	1.62E-03	3.93E-03	1.21E-03	9.30E-04	3.10E-04	7.25E-04	1.49E-04
7121	624884.22	4265745.34	0.0046115	1.59E-03	3.85E-03	1.19E-03	9.13E-04	3.04E-04	7.12E-04	1.46E-04
7122	624884.38	4265735.4	0.0045255	1.56E-03	3.78E-03	1.17E-03	8.96E-04	2.98E-04	6.98E-04	1.44E-04
7123	624884.55	4265725.47	0.0044399	1.53E-03	3.71E-03	1.14E-03	8.79E-04	2.93E-04	6.85E-04	1.41E-04
7124	624884.71	4265715.54	0.004355	1.50E-03	3.64E-03	1.12E-03	8.62E-04	2.87E-04	6.72E-04	1.38E-04
7125	624884.88	4265705.6	0.0042695	1.47E-03	3.57E-03	1.10E-03	8.45E-04	2.81E-04	6.59E-04	1.36E-04
7126	624885.04	4265695.67	0.0041833	1.44E-03	3.50E-03	1.08E-03	8.28E-04	2.76E-04	6.46E-04	1.33E-04
7127	624885.2	4265685.74	0.0040942	1.41E-03	3.42E-03	1.05E-03	8.10E-04	2.70E-04	6.32E-04	1.30E-04
7128	624885.37	4265675.8	0.0039995	1.38E-03	3.34E-03	1.03E-03	7.92E-04	2.64E-04	6.17E-04	1.27E-04
7129	624878.36	4266173.85	0.0037905	1.30E-03	3.17E-03	9.76E-04	7.50E-04	2.50E-04	5.85E-04	1.20E-04
7130	624868.19	4266183.68	0.004028	1.39E-03	3.37E-03	1.04E-03	7.97E-04	2.65E-04	6.22E-04	1.28E-04
7131	624887.68	4266142.84	0.0037508	1.29E-03	3.14E-03	9.66E-04	7.42E-04	2.47E-04	5.79E-04	1.19E-04
7132	624887.84	4266132.9	0.0038248	1.32E-03	3.20E-03	9.85E-04	7.57E-04	2.52E-04	5.90E-04	1.21E-04
7133	624888.01	4266122.97	0.0039013	1.34E-03	3.26E-03	1.00E-03	7.72E-04	2.57E-04	6.02E-04	1.24E-04
7134	624888.17	4266113.04	0.0039814	1.37E-03	3.33E-03	1.03E-03	7.88E-04	2.62E-04	6.14E-04	1.26E-04
7135	624888.33	4266103.1	0.0040643	1.40E-03	3.40E-03	1.05E-03	8.04E-04	2.68E-04	6.27E-04	1.29E-04
7136	624888.5	4266093.17	0.0041479	1.43E-03	3.47E-03	1.07E-03	8.21E-04	2.73E-04	6.40E-04	1.32E-04
7137	624888.66	4266083.24	0.0042316	1.46E-03	3.54E-03	1.09E-03	8.38E-04	2.79E-04	6.53E-04	1.34E-04
7138	624888.82	4266073.3	0.0043137	1.48E-03	3.61E-03	1.11E-03	8.54E-04	2.84E-04	6.66E-04	1.37E-04
7139	624888.99	4266063.37	0.0043927	1.51E-03	3.67E-03	1.13E-03	8.69E-04	2.89E-04	6.78E-04	1.39E-04
7140	624889.15	4266053.44	0.0044689	1.54E-03	3.74E-03	1.15E-03	8.85E-04	2.94E-04	6.90E-04	1.42E-04
7141	624889.31	4266043.5	0.0045421	1.56E-03	3.80E-03	1.17E-03	8.99E-04	2.99E-04	7.01E-04	1.44E-04
7142	624889.48	4266033.57	0.0046135	1.59E-03	3.86E-03	1.19E-03	9.13E-04	3.04E-04	7.12E-04	1.46E-04
7143	624889.64	4266023.64	0.0046808	1.61E-03	3.91E-03	1.21E-03	9.27E-04	3.08E-04	7.22E-04	1.49E-04
7144	624889.8	4266013.7	0.0047427	1.63E-03	3.96E-03	1.22E-03	9.39E-04	3.12E-04	7.32E-04	1.51E-04
7145	624889.97	4266003.77	0.0047947	1.65E-03	4.01E-03	1.23E-03	9.49E-04	3.16E-04	7.40E-04	1.52E-04
7146	624890.13	4265993.84	0.0048414	1.66E-03	4.05E-03	1.25E-03	9.58E-04	3.19E-04	7.47E-04	1.54E-04

7147	624890.29	4265983.9	0.0048823	1.68E-03	4.08E-03	1.26E-03	9.66E-04	3.22E-04	7.53E-04	1.55E-04
7148	624890.46	4265973.97	0.0049165	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.59E-04	1.56E-04
7149	624890.62	4265964.04	0.0049453	1.70E-03	4.13E-03	1.27E-03	9.79E-04	3.26E-04	7.63E-04	1.57E-04
7150	624890.79	4265954.1	0.0049675	1.71E-03	4.15E-03	1.28E-03	9.83E-04	3.27E-04	7.67E-04	1.58E-04
7151	624890.95	4265944.17	0.0049842	1.71E-03	4.17E-03	1.28E-03	9.87E-04	3.28E-04	7.69E-04	1.58E-04
7152	624891.11	4265934.24	0.0049948	1.72E-03	4.17E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04	1.59E-04
7153	624891.28	4265924.3	0.004999	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04	1.59E-04
7154	624891.44	4265914.37	0.0049977	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04	1.59E-04
7155	624891.6	4265904.44	0.0049905	1.72E-03	4.17E-03	1.28E-03	9.88E-04	3.29E-04	7.70E-04	1.58E-04
7156	624891.77	4265894.5	0.0049769	1.71E-03	4.16E-03	1.28E-03	9.85E-04	3.28E-04	7.68E-04	1.58E-04
7157	624891.93	4265884.57	0.0049618	1.71E-03	4.15E-03	1.28E-03	9.82E-04	3.27E-04	7.66E-04	1.57E-04
7158	624892.09	4265874.64	0.0049405	1.70E-03	4.13E-03	1.27E-03	9.78E-04	3.26E-04	7.62E-04	1.57E-04
7159	624892.26	4265864.7	0.0049134	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.58E-04	1.56E-04
7160	624892.42	4265854.77	0.0048773	1.68E-03	4.08E-03	1.26E-03	9.65E-04	3.21E-04	7.53E-04	1.55E-04
7161	624892.58	4265844.84	0.0048355	1.66E-03	4.04E-03	1.24E-03	9.57E-04	3.19E-04	7.46E-04	1.53E-04
7162	624892.75	4265834.9	0.0047879	1.65E-03	4.00E-03	1.23E-03	9.48E-04	3.15E-04	7.39E-04	1.52E-04
7163	624892.91	4265824.97	0.0047361	1.63E-03	3.96E-03	1.22E-03	9.37E-04	3.12E-04	7.31E-04	1.50E-04
7164	624893.07	4265815.04	0.0046793	1.61E-03	3.91E-03	1.20E-03	9.26E-04	3.08E-04	7.22E-04	1.49E-04
7165	624893.24	4265805.1	0.004618	1.59E-03	3.86E-03	1.19E-03	9.14E-04	3.04E-04	7.13E-04	1.47E-04
7166	624893.4	4265795.17	0.0045538	1.57E-03	3.81E-03	1.17E-03	9.01E-04	3.00E-04	7.03E-04	1.45E-04
7167	624893.57	4265785.24	0.0044867	1.54E-03	3.75E-03	1.16E-03	8.88E-04	2.96E-04	6.92E-04	1.42E-04
7168	624893.73	4265775.3	0.0044183	1.52E-03	3.69E-03	1.14E-03	8.75E-04	2.91E-04	6.82E-04	1.40E-04
7169	624893.89	4265765.37	0.0043491	1.50E-03	3.64E-03	1.12E-03	8.61E-04	2.87E-04	6.71E-04	1.38E-04
7170	624894.06	4265755.44	0.0042795	1.47E-03	3.58E-03	1.10E-03	8.47E-04	2.82E-04	6.60E-04	1.36E-04
7171	624894.22	4265745.5	0.0042106	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.50E-04	1.34E-04
7172	624894.38	4265735.57	0.0041422	1.42E-03	3.46E-03	1.07E-03	8.20E-04	2.73E-04	6.39E-04	1.31E-04
7173	624894.55	4265725.64	0.0040735	1.40E-03	3.40E-03	1.05E-03	8.06E-04	2.68E-04	6.29E-04	1.29E-04
7174	624894.71	4265715.7	0.004005	1.38E-03	3.35E-03	1.03E-03	7.93E-04	2.64E-04	6.18E-04	1.27E-04
7175	624894.87	4265705.77	0.0039363	1.35E-03	3.29E-03	1.01E-03	7.79E-04	2.59E-04	6.07E-04	1.25E-04
7176	624895.04	4265695.84	0.0038662	1.33E-03	3.23E-03	9.95E-04	7.65E-04	2.55E-04	5.97E-04	1.23E-04
7177	624895.2	4265685.9	0.0037938	1.30E-03	3.17E-03	9.77E-04	7.51E-04	2.50E-04	5.85E-04	1.20E-04
7178	624886.08	4266179.28	0.0035057	1.21E-03	2.93E-03	9.03E-04	6.94E-04	2.31E-04	5.41E-04	1.11E-04
7179	624873.35	4266191.58	0.0037632	1.29E-03	3.15E-03	9.69E-04	7.45E-04	2.48E-04	5.81E-04	1.19E-04
7180	624864.45	4266195.08	0.0040045	1.38E-03	3.35E-03	1.03E-03	7.93E-04	2.64E-04	6.18E-04	1.27E-04
7181	624855.54	4266198.59	0.0042548	1.46E-03	3.56E-03	1.10E-03	8.42E-04	2.80E-04	6.57E-04	1.35E-04
7182	624897.68	4266143	0.0034383	1.18E-03	2.87E-03	8.85E-04	6.81E-04	2.27E-04	5.31E-04	1.09E-04
7183	624897.84	4266133.07	0.0034985	1.20E-03	2.92E-03	9.01E-04	6.92E-04	2.30E-04	5.40E-04	1.11E-04
7184	624898	4266123.13	0.0035609	1.22E-03	2.98E-03	9.17E-04	7.05E-04	2.35E-04	5.49E-04	1.13E-04
7185	624898.17	4266113.2	0.0036255	1.25E-03	3.03E-03	9.33E-04	7.18E-04	2.39E-04	5.59E-04	1.15E-04
7186	624898.33	4266103.27	0.0036928	1.27E-03	3.09E-03	9.51E-04	7.31E-04	2.43E-04	5.70E-04	1.17E-04
7187	624898.49	4266093.33	0.0037616	1.29E-03	3.14E-03	9.68E-04	7.45E-04	2.48E-04	5.80E-04	1.19E-04
7188	624898.66	4266083.4	0.0038301	1.32E-03	3.20E-03	9.86E-04	7.58E-04	2.52E-04	5.91E-04	1.22E-04
7189	624898.82	4266073.47	0.0038981	1.34E-03	3.26E-03	1.00E-03	7.72E-04	2.57E-04	6.01E-04	1.24E-04
7190	624898.99	4266063.53	0.0039641	1.36E-03	3.31E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04	1.26E-04
7191	624899.15	4266053.6	0.004028	1.39E-03	3.37E-03	1.04E-03	7.97E-04	2.65E-04	6.22E-04	1.28E-04
7192	624899.31	4266043.67	0.0040896	1.41E-03	3.42E-03	1.05E-03	8.09E-04	2.69E-04	6.31E-04	1.30E-04
7193	624899.48	4266033.73	0.0041503	1.43E-03	3.47E-03	1.07E-03	8.22E-04	2.73E-04	6.40E-04	1.32E-04
7194	624899.64	4266023.8	0.0042079	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.49E-04	1.34E-04
7195	624899.8	4266013.87	0.0042611	1.47E-03	3.56E-03	1.10E-03	8.43E-04	2.81E-04	6.58E-04	1.35E-04
7196	624899.97	4266003.93	0.0043064	1.48E-03	3.60E-03	1.11E-03	8.52E-04	2.84E-04	6.64E-04	1.37E-04
7197	624900.13	4265994	0.0043475	1.50E-03	3.63E-03	1.12E-03	8.61E-04	2.86E-04	6.71E-04	1.38E-04
7198	624900.29	4265984.07	0.0043838	1.51E-03	3.66E-03	1.13E-03	8.68E-04	2.89E-04	6.76E-04	1.39E-04
7199	624900.46	4265974.13	0.0044147	1.52E-03	3.69E-03	1.14E-03	8.74E-04	2.91E-04	6.81E-04	1.40E-04
7200	624900.62	4265964.2	0.004441	1.53E-03	3.71E-03	1.14E-03	8.79E-04	2.93E-04	6.85E-04	1.41E-04
7201	624900.78	4265954.27	0.0044622	1.53E-03	3.73E-03	1.15E-03	8.83E-04	2.94E-04	6.89E-04	1.42E-04

7202	624900.95	4265944.33	0.0044778	1.54E-03	3.74E-03	1.15E-03	8.86E-04	2.95E-04	6.91E-04	1.42E-04
7203	624901.11	4265934.4	0.0044887	1.54E-03	3.75E-03	1.16E-03	8.88E-04	2.96E-04	6.93E-04	1.42E-04
7204	624901.27	4265924.47	0.0044944	1.55E-03	3.76E-03	1.16E-03	8.90E-04	2.96E-04	6.94E-04	1.43E-04
7205	624901.44	4265914.53	0.0044955	1.55E-03	3.76E-03	1.16E-03	8.90E-04	2.96E-04	6.94E-04	1.43E-04
7206	624901.6	4265904.6	0.0044916	1.54E-03	3.75E-03	1.16E-03	8.89E-04	2.96E-04	6.93E-04	1.43E-04
7207	624901.77	4265894.67	0.0044824	1.54E-03	3.75E-03	1.15E-03	8.87E-04	2.95E-04	6.92E-04	1.42E-04
7208	624901.93	4265884.73	0.0044703	1.54E-03	3.74E-03	1.15E-03	8.85E-04	2.95E-04	6.90E-04	1.42E-04
7209	624902.09	4265874.8	0.0044529	1.53E-03	3.72E-03	1.15E-03	8.81E-04	2.93E-04	6.87E-04	1.41E-04
7210	624902.26	4265864.87	0.0044302	1.52E-03	3.70E-03	1.14E-03	8.77E-04	2.92E-04	6.84E-04	1.41E-04
7211	624902.42	4265854.93	0.0044008	1.51E-03	3.68E-03	1.13E-03	8.71E-04	2.90E-04	6.79E-04	1.40E-04
7212	624902.58	4265845	0.0043668	1.50E-03	3.65E-03	1.12E-03	8.64E-04	2.88E-04	6.74E-04	1.39E-04
7213	624902.75	4265835.07	0.0043281	1.49E-03	3.62E-03	1.11E-03	8.57E-04	2.85E-04	6.68E-04	1.37E-04
7214	624902.91	4265825.13	0.0042859	1.47E-03	3.58E-03	1.10E-03	8.48E-04	2.82E-04	6.61E-04	1.36E-04
7215	624903.07	4265815.2	0.0042402	1.46E-03	3.54E-03	1.09E-03	8.39E-04	2.79E-04	6.54E-04	1.35E-04
7216	624903.24	4265805.27	0.0041911	1.44E-03	3.50E-03	1.08E-03	8.30E-04	2.76E-04	6.47E-04	1.33E-04
7217	624903.4	4265795.33	0.00414	1.42E-03	3.46E-03	1.07E-03	8.19E-04	2.73E-04	6.39E-04	1.31E-04
7218	624903.56	4265785.4	0.0040871	1.41E-03	3.42E-03	1.05E-03	8.09E-04	2.69E-04	6.31E-04	1.30E-04
7219	624903.73	4265775.47	0.0040326	1.39E-03	3.37E-03	1.04E-03	7.98E-04	2.66E-04	6.22E-04	1.28E-04
7220	624903.89	4265765.53	0.0039779	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.14E-04	1.26E-04
7221	624904.05	4265755.6	0.003923	1.35E-03	3.28E-03	1.01E-03	7.77E-04	2.58E-04	6.05E-04	1.24E-04
7222	624904.22	4265745.67	0.0038677	1.33E-03	3.23E-03	9.96E-04	7.66E-04	2.55E-04	5.97E-04	1.23E-04
7223	624904.38	4265735.73	0.0038126	1.31E-03	3.19E-03	9.82E-04	7.55E-04	2.51E-04	5.88E-04	1.21E-04
7224	624904.55	4265725.8	0.0037569	1.29E-03	3.14E-03	9.67E-04	7.44E-04	2.48E-04	5.80E-04	1.19E-04
7225	624904.71	4265715.87	0.0037012	1.27E-03	3.09E-03	9.53E-04	7.33E-04	2.44E-04	5.71E-04	1.17E-04
7226	624904.87	4265705.93	0.0036452	1.25E-03	3.05E-03	9.39E-04	7.22E-04	2.40E-04	5.62E-04	1.16E-04
7227	624905.04	4265696	0.003588	1.23E-03	3.00E-03	9.24E-04	7.10E-04	2.36E-04	5.54E-04	1.14E-04
7228	624905.2	4265686.07	0.0035289	1.21E-03	2.95E-03	9.09E-04	6.99E-04	2.33E-04	5.45E-04	1.12E-04
7229	624905.36	4265676.13	0.0034663	1.19E-03	2.90E-03	8.92E-04	6.86E-04	2.28E-04	5.35E-04	1.10E-04
7230	624896.53	4266178.39	0.0032344	1.11E-03	2.70E-03	8.33E-04	6.40E-04	2.13E-04	4.99E-04	1.03E-04
7231	624892.87	4266186.83	0.0032645	1.12E-03	2.73E-03	8.41E-04	6.46E-04	2.15E-04	5.04E-04	1.04E-04
7232	624880.66	4266198.63	0.0034782	1.20E-03	2.91E-03	8.95E-04	6.88E-04	2.29E-04	5.37E-04	1.10E-04
7233	624872.11	4266202	0.0036775	1.26E-03	3.07E-03	9.47E-04	7.28E-04	2.42E-04	5.67E-04	1.17E-04
7234	624907.68	4266143.16	0.0031674	1.09E-03	2.65E-03	8.16E-04	6.27E-04	2.09E-04	4.89E-04	1.01E-04
7235	624907.84	4266133.23	0.0032168	1.11E-03	2.69E-03	8.28E-04	6.37E-04	2.12E-04	4.96E-04	1.02E-04
7236	624908	4266123.3	0.0032678	1.12E-03	2.73E-03	8.41E-04	6.47E-04	2.15E-04	5.04E-04	1.04E-04
7237	624908.17	4266113.36	0.0033207	1.14E-03	2.78E-03	8.55E-04	6.57E-04	2.19E-04	5.12E-04	1.05E-04
7238	624908.33	4266103.43	0.0033758	1.16E-03	2.82E-03	8.69E-04	6.68E-04	2.22E-04	5.21E-04	1.07E-04
7239	624908.49	4266093.5	0.0034324	1.18E-03	2.87E-03	8.84E-04	6.79E-04	2.26E-04	5.30E-04	1.09E-04
7240	624908.66	4266083.56	0.0034892	1.20E-03	2.92E-03	8.98E-04	6.91E-04	2.30E-04	5.38E-04	1.11E-04
7241	624908.82	4266073.63	0.0035459	1.22E-03	2.96E-03	9.13E-04	7.02E-04	2.34E-04	5.47E-04	1.13E-04
7242	624908.98	4266063.7	0.0036014	1.24E-03	3.01E-03	9.27E-04	7.13E-04	2.37E-04	5.56E-04	1.14E-04
7243	624909.15	4266053.76	0.003655	1.26E-03	3.06E-03	9.41E-04	7.23E-04	2.41E-04	5.64E-04	1.16E-04
7244	624909.31	4266043.83	0.0037071	1.27E-03	3.10E-03	9.54E-04	7.34E-04	2.44E-04	5.72E-04	1.18E-04
7245	624909.47	4266033.9	0.0037591	1.29E-03	3.14E-03	9.68E-04	7.44E-04	2.48E-04	5.80E-04	1.19E-04
7246	624909.64	4266023.96	0.0038079	1.31E-03	3.18E-03	9.80E-04	7.54E-04	2.51E-04	5.88E-04	1.21E-04
7247	624909.8	4266014.03	0.0038536	1.33E-03	3.22E-03	9.92E-04	7.63E-04	2.54E-04	5.95E-04	1.22E-04
7248	624909.96	4266004.1	0.0038932	1.34E-03	3.25E-03	1.00E-03	7.71E-04	2.56E-04	6.01E-04	1.24E-04
7249	624910.13	4265994.16	0.0039286	1.35E-03	3.28E-03	1.01E-03	7.78E-04	2.59E-04	6.06E-04	1.25E-04
7250	624910.29	4265984.23	0.0039606	1.36E-03	3.31E-03	1.02E-03	7.84E-04	2.61E-04	6.11E-04	1.26E-04
7251	624910.46	4265974.3	0.0039881	1.37E-03	3.33E-03	1.03E-03	7.89E-04	2.63E-04	6.15E-04	1.27E-04
7252	624910.62	4265964.36	0.0040119	1.38E-03	3.35E-03	1.03E-03	7.94E-04	2.64E-04	6.19E-04	1.27E-04
7253	624910.78	4265954.43	0.0040313	1.39E-03	3.37E-03	1.04E-03	7.98E-04	2.66E-04	6.22E-04	1.28E-04
7254	624910.95	4265944.5	0.0040461	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.24E-04	1.28E-04
7255	624911.11	4265934.56	0.0040569	1.40E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04	1.29E-04
7256	624911.27	4265924.63	0.0040632	1.40E-03	3.40E-03	1.05E-03	8.04E-04	2.68E-04	6.27E-04	1.29E-04

7257	624911.44	4265914.7	0.0040665	1.40E-03	3.40E-03	1.05E-03	8.05E-04	2.68E-04	6.27E-04	1.29E-04
7258	624911.6	4265904.76	0.0040658	1.40E-03	3.40E-03	1.05E-03	8.05E-04	2.68E-04	6.27E-04	1.29E-04
7259	624911.76	4265894.83	0.0040608	1.40E-03	3.39E-03	1.05E-03	8.04E-04	2.68E-04	6.27E-04	1.29E-04
7260	624911.93	4265884.9	0.0040504	1.39E-03	3.39E-03	1.04E-03	8.02E-04	2.67E-04	6.25E-04	1.29E-04
7261	624912.09	4265874.96	0.0040362	1.39E-03	3.37E-03	1.04E-03	7.99E-04	2.66E-04	6.23E-04	1.28E-04
7262	624912.25	4265865.03	0.0040179	1.38E-03	3.36E-03	1.03E-03	7.95E-04	2.65E-04	6.20E-04	1.28E-04
7263	624912.42	4265855.1	0.0039941	1.37E-03	3.34E-03	1.03E-03	7.91E-04	2.63E-04	6.16E-04	1.27E-04
7264	624912.58	4265845.16	0.003967	1.36E-03	3.32E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04	1.26E-04
7265	624912.75	4265835.23	0.0039361	1.35E-03	3.29E-03	1.01E-03	7.79E-04	2.59E-04	6.07E-04	1.25E-04
7266	624912.91	4265825.3	0.0039025	1.34E-03	3.26E-03	1.00E-03	7.72E-04	2.57E-04	6.02E-04	1.24E-04
7267	624913.07	4265815.36	0.0038661	1.33E-03	3.23E-03	9.95E-04	7.65E-04	2.55E-04	5.97E-04	1.23E-04
7268	624913.24	4265805.43	0.0038272	1.32E-03	3.20E-03	9.85E-04	7.58E-04	2.52E-04	5.91E-04	1.21E-04
7269	624913.4	4265795.5	0.0037868	1.30E-03	3.17E-03	9.75E-04	7.50E-04	2.50E-04	5.84E-04	1.20E-04
7270	624913.56	4265785.56	0.0037449	1.29E-03	3.13E-03	9.64E-04	7.41E-04	2.47E-04	5.78E-04	1.19E-04
7271	624913.73	4265775.63	0.0037018	1.27E-03	3.09E-03	9.53E-04	7.33E-04	2.44E-04	5.71E-04	1.17E-04
7272	624913.89	4265765.7	0.0036584	1.26E-03	3.06E-03	9.42E-04	7.24E-04	2.41E-04	5.65E-04	1.16E-04
7273	624914.05	4265755.76	0.0036146	1.24E-03	3.02E-03	9.31E-04	7.15E-04	2.38E-04	5.58E-04	1.15E-04
7274	624914.22	4265745.83	0.00357	1.23E-03	2.98E-03	9.19E-04	7.07E-04	2.35E-04	5.51E-04	1.13E-04
7275	624914.38	4265735.9	0.0035253	1.21E-03	2.95E-03	9.08E-04	6.98E-04	2.32E-04	5.44E-04	1.12E-04
7276	624914.54	4265725.96	0.0034801	1.20E-03	2.91E-03	8.96E-04	6.89E-04	2.29E-04	5.37E-04	1.10E-04
7277	624914.71	4265716.03	0.0034344	1.18E-03	2.87E-03	8.84E-04	6.80E-04	2.26E-04	5.30E-04	1.09E-04
7278	624914.87	4265706.1	0.0033885	1.17E-03	2.83E-03	8.72E-04	6.71E-04	2.23E-04	5.23E-04	1.08E-04
7279	624915.03	4265696.16	0.0033418	1.15E-03	2.79E-03	8.60E-04	6.61E-04	2.20E-04	5.16E-04	1.06E-04
7280	624915.2	4265686.23	0.0032931	1.13E-03	2.75E-03	8.48E-04	6.52E-04	2.17E-04	5.08E-04	1.05E-04
7281	624915.36	4265676.3	0.0032416	1.11E-03	2.71E-03	8.35E-04	6.42E-04	2.14E-04	5.00E-04	1.03E-04
7282	624906.84	4266177.86	0.0029961	1.03E-03	2.50E-03	7.71E-04	5.93E-04	1.97E-04	4.62E-04	9.51E-05
7283	624899.72	4266194.25	0.0030505	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04	9.68E-05
7284	624917.67	4266143.33	0.0029304	1.01E-03	2.45E-03	7.54E-04	5.80E-04	1.93E-04	4.52E-04	9.30E-05
7285	624917.84	4266133.4	0.0029711	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.58E-04	9.43E-05
7286	624918	4266123.46	0.0030132	1.04E-03	2.52E-03	7.76E-04	5.96E-04	1.99E-04	4.65E-04	9.56E-05
7287	624918.16	4266113.53	0.0030569	1.05E-03	2.56E-03	7.87E-04	6.05E-04	2.01E-04	4.72E-04	9.70E-05
7288	624918.33	4266103.6	0.0031021	1.07E-03	2.59E-03	7.99E-04	6.14E-04	2.04E-04	4.79E-04	9.84E-05
7289	624918.49	4266093.66	0.003149	1.08E-03	2.63E-03	8.11E-04	6.23E-04	2.07E-04	4.86E-04	9.99E-05
7290	624918.66	4266083.73	0.0031962	1.10E-03	2.67E-03	8.23E-04	6.33E-04	2.11E-04	4.93E-04	1.01E-04
7291	624918.82	4266073.8	0.0032437	1.12E-03	2.71E-03	8.35E-04	6.42E-04	2.14E-04	5.01E-04	1.03E-04
7292	624918.98	4266063.86	0.0032905	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.08E-04	1.04E-04
7293	624919.15	4266053.93	0.0033357	1.15E-03	2.79E-03	8.59E-04	6.60E-04	2.20E-04	5.15E-04	1.06E-04
7294	624919.31	4266044	0.0033798	1.16E-03	2.82E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04	1.07E-04
7295	624919.47	4266034.06	0.0034243	1.18E-03	2.86E-03	8.82E-04	6.78E-04	2.26E-04	5.28E-04	1.09E-04
7296	624919.64	4266024.13	0.0034661	1.19E-03	2.90E-03	8.92E-04	6.86E-04	2.28E-04	5.35E-04	1.10E-04
7297	624919.8	4266014.2	0.0035055	1.21E-03	2.93E-03	9.03E-04	6.94E-04	2.31E-04	5.41E-04	1.11E-04
7298	624919.96	4266004.26	0.0035396	1.22E-03	2.96E-03	9.11E-04	7.01E-04	2.33E-04	5.46E-04	1.12E-04
7299	624920.13	4265994.33	0.0035704	1.23E-03	2.98E-03	9.19E-04	7.07E-04	2.35E-04	5.51E-04	1.13E-04
7300	624920.29	4265984.4	0.0035983	1.24E-03	3.01E-03	9.26E-04	7.12E-04	2.37E-04	5.55E-04	1.14E-04
7301	624920.45	4265974.46	0.003623	1.25E-03	3.03E-03	9.33E-04	7.17E-04	2.39E-04	5.59E-04	1.15E-04
7302	624920.62	4265964.53	0.0036439	1.25E-03	3.05E-03	9.38E-04	7.21E-04	2.40E-04	5.62E-04	1.16E-04
7303	624920.78	4265954.6	0.0036615	1.26E-03	3.06E-03	9.43E-04	7.25E-04	2.41E-04	5.65E-04	1.16E-04
7304	624920.94	4265944.66	0.0036756	1.26E-03	3.07E-03	9.46E-04	7.28E-04	2.42E-04	5.67E-04	1.17E-04
7305	624921.11	4265934.73	0.0036857	1.27E-03	3.08E-03	9.49E-04	7.30E-04	2.43E-04	5.69E-04	1.17E-04
7306	624921.27	4265924.8	0.0036924	1.27E-03	3.09E-03	9.51E-04	7.31E-04	2.43E-04	5.70E-04	1.17E-04
7307	624921.44	4265914.86	0.0036974	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.71E-04	1.17E-04
7308	624921.6	4265904.93	0.0036993	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.71E-04	1.17E-04
7309	624921.76	4265895	0.0036973	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.71E-04	1.17E-04
7310	624921.93	4265885.06	0.0036891	1.27E-03	3.08E-03	9.50E-04	7.30E-04	2.43E-04	5.69E-04	1.17E-04
7311	624922.09	4265875.13	0.0036778	1.26E-03	3.07E-03	9.47E-04	7.28E-04	2.42E-04	5.68E-04	1.17E-04

7312	624922.25	4265865.2	0.0036628	1.26E-03	3.06E-03	9.43E-04	7.25E-04	2.41E-04	5.65E-04	1.16E-04
7313	624922.42	4265855.26	0.0036442	1.25E-03	3.05E-03	9.38E-04	7.21E-04	2.40E-04	5.62E-04	1.16E-04
7314	624922.58	4265845.33	0.0036231	1.25E-03	3.03E-03	9.33E-04	7.17E-04	2.39E-04	5.59E-04	1.15E-04
7315	624922.74	4265835.4	0.0035992	1.24E-03	3.01E-03	9.27E-04	7.12E-04	2.37E-04	5.55E-04	1.14E-04
7316	624922.91	4265825.46	0.0035725	1.23E-03	2.99E-03	9.20E-04	7.07E-04	2.35E-04	5.51E-04	1.13E-04
7317	624923.07	4265815.53	0.0035441	1.22E-03	2.96E-03	9.12E-04	7.02E-04	2.34E-04	5.47E-04	1.12E-04
7318	624923.23	4265805.6	0.0035138	1.21E-03	2.94E-03	9.05E-04	6.96E-04	2.32E-04	5.42E-04	1.12E-04
7319	624923.4	4265795.66	0.0034817	1.20E-03	2.91E-03	8.96E-04	6.89E-04	2.29E-04	5.37E-04	1.10E-04
7320	624923.56	4265785.73	0.0034488	1.19E-03	2.88E-03	8.88E-04	6.83E-04	2.27E-04	5.32E-04	1.09E-04
7321	624923.73	4265775.8	0.0034147	1.17E-03	2.85E-03	8.79E-04	6.76E-04	2.25E-04	5.27E-04	1.08E-04
7322	624923.89	4265765.86	0.00338	1.16E-03	2.83E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04	1.07E-04
7323	624924.05	4265755.93	0.0033449	1.15E-03	2.80E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04	1.06E-04
7324	624924.22	4265746	0.0033088	1.14E-03	2.77E-03	8.52E-04	6.55E-04	2.18E-04	5.11E-04	1.05E-04
7325	624924.38	4265736.06	0.0032723	1.13E-03	2.74E-03	8.42E-04	6.48E-04	2.16E-04	5.05E-04	1.04E-04
7326	624924.54	4265726.13	0.0032353	1.11E-03	2.70E-03	8.33E-04	6.40E-04	2.13E-04	4.99E-04	1.03E-04
7327	624924.71	4265716.2	0.0031977	1.10E-03	2.67E-03	8.23E-04	6.33E-04	2.11E-04	4.93E-04	1.01E-04
7328	624924.87	4265706.26	0.0031603	1.09E-03	2.64E-03	8.14E-04	6.26E-04	2.08E-04	4.88E-04	1.00E-04
7329	624925.03	4265696.33	0.0031219	1.07E-03	2.61E-03	8.04E-04	6.18E-04	2.06E-04	4.82E-04	9.91E-05
7330	624925.2	4265686.4	0.0030819	1.06E-03	2.58E-03	7.93E-04	6.10E-04	2.03E-04	4.76E-04	9.78E-05
7331	624925.36	4265676.46	0.0030393	1.05E-03	2.54E-03	7.82E-04	6.02E-04	2.00E-04	4.69E-04	9.65E-05
7332	624917.05	4266177.52	0.0027858	9.58E-04	2.33E-03	7.17E-04	5.51E-04	1.84E-04	4.30E-04	8.84E-05
7333	624910.08	4266193.58	0.0028384	9.76E-04	2.37E-03	7.31E-04	5.62E-04	1.87E-04	4.38E-04	9.01E-05
7334	624862.38	4266225.68	0.0036082	1.24E-03	3.02E-03	9.29E-04	7.14E-04	2.38E-04	5.57E-04	1.15E-04
7335	624927.67	4266143.49	0.0027211	9.36E-04	2.27E-03	7.01E-04	5.39E-04	1.79E-04	4.20E-04	8.64E-05
7336	624927.84	4266133.56	0.0027549	9.47E-04	2.30E-03	7.09E-04	5.45E-04	1.82E-04	4.25E-04	8.74E-05
7337	624928	4266123.63	0.0027897	9.59E-04	2.33E-03	7.18E-04	5.52E-04	1.84E-04	4.30E-04	8.85E-05
7338	624928.16	4266113.69	0.002826	9.72E-04	2.36E-03	7.28E-04	5.59E-04	1.86E-04	4.36E-04	8.97E-05
7339	624928.33	4266103.76	0.0028634	9.85E-04	2.39E-03	7.37E-04	5.67E-04	1.89E-04	4.42E-04	9.09E-05
7340	624928.49	4266093.83	0.0029024	9.98E-04	2.43E-03	7.47E-04	5.74E-04	1.91E-04	4.48E-04	9.21E-05
7341	624928.65	4266083.89	0.0029421	1.01E-03	2.46E-03	7.57E-04	5.82E-04	1.94E-04	4.54E-04	9.34E-05
7342	624928.82	4266073.96	0.0029818	1.03E-03	2.49E-03	7.68E-04	5.90E-04	1.96E-04	4.60E-04	9.46E-05
7343	624928.98	4266064.03	0.0030213	1.04E-03	2.53E-03	7.78E-04	5.98E-04	1.99E-04	4.66E-04	9.59E-05
7344	624929.14	4266054.09	0.00306	1.05E-03	2.56E-03	7.88E-04	6.06E-04	2.02E-04	4.72E-04	9.71E-05
7345	624929.31	4266044.16	0.0030973	1.07E-03	2.59E-03	7.97E-04	6.13E-04	2.04E-04	4.78E-04	9.83E-05
7346	624929.47	4266034.23	0.0031353	1.08E-03	2.62E-03	8.07E-04	6.21E-04	2.07E-04	4.84E-04	9.95E-05
7347	624929.64	4266024.29	0.0031712	1.09E-03	2.65E-03	8.16E-04	6.28E-04	2.09E-04	4.89E-04	1.01E-04
7348	624929.8	4266014.36	0.0032054	1.10E-03	2.68E-03	8.25E-04	6.34E-04	2.11E-04	4.95E-04	1.02E-04
7349	624929.96	4266004.43	0.0032349	1.11E-03	2.70E-03	8.33E-04	6.40E-04	2.13E-04	4.99E-04	1.03E-04
7350	624930.13	4265994.49	0.0032616	1.12E-03	2.73E-03	8.40E-04	6.46E-04	2.15E-04	5.03E-04	1.04E-04
7351	624930.29	4265984.56	0.003286	1.13E-03	2.75E-03	8.46E-04	6.50E-04	2.17E-04	5.07E-04	1.04E-04
7352	624930.45	4265974.63	0.0033077	1.14E-03	2.76E-03	8.52E-04	6.55E-04	2.18E-04	5.10E-04	1.05E-04
7353	624930.62	4265964.69	0.0033262	1.14E-03	2.78E-03	8.56E-04	6.58E-04	2.19E-04	5.13E-04	1.06E-04
7354	624930.78	4265954.76	0.0033422	1.15E-03	2.79E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04	1.06E-04
7355	624930.94	4265944.83	0.0033551	1.15E-03	2.80E-03	8.64E-04	6.64E-04	2.21E-04	5.18E-04	1.06E-04
7356	624931.11	4265934.89	0.0033648	1.16E-03	2.81E-03	8.66E-04	6.66E-04	2.22E-04	5.19E-04	1.07E-04
7357	624931.27	4265924.96	0.0033716	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04	1.07E-04
7358	624931.43	4265915.03	0.0033777	1.16E-03	2.82E-03	8.70E-04	6.69E-04	2.23E-04	5.21E-04	1.07E-04
7359	624931.6	4265905.09	0.0033803	1.16E-03	2.83E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04	1.07E-04
7360	624931.76	4265895.16	0.0033803	1.16E-03	2.83E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04	1.07E-04
7361	624931.92	4265885.23	0.0033748	1.16E-03	2.82E-03	8.69E-04	6.68E-04	2.22E-04	5.21E-04	1.07E-04
7362	624932.09	4265875.29	0.0033661	1.16E-03	2.81E-03	8.67E-04	6.66E-04	2.22E-04	5.19E-04	1.07E-04
7363	624932.25	4265865.36	0.003355	1.15E-03	2.80E-03	8.64E-04	6.64E-04	2.21E-04	5.18E-04	1.06E-04
7364	624932.42	4265855.43	0.003341	1.15E-03	2.79E-03	8.60E-04	6.61E-04	2.20E-04	5.16E-04	1.06E-04
7365	624932.58	4265845.49	0.0033249	1.14E-03	2.78E-03	8.56E-04	6.58E-04	2.19E-04	5.13E-04	1.06E-04
7366	624932.74	4265835.56	0.0033066	1.14E-03	2.76E-03	8.51E-04	6.55E-04	2.18E-04	5.10E-04	1.05E-04

7367	624932.91	4265825.63	0.0032861	1.13E-03	2.75E-03	8.46E-04	6.50E-04	2.17E-04	5.07E-04	1.04E-04
7368	624933.07	4265815.69	0.003264	1.12E-03	2.73E-03	8.40E-04	6.46E-04	2.15E-04	5.04E-04	1.04E-04
7369	624933.23	4265805.76	0.0032405	1.11E-03	2.71E-03	8.34E-04	6.41E-04	2.14E-04	5.00E-04	1.03E-04
7370	624933.4	4265795.83	0.0032155	1.11E-03	2.69E-03	8.28E-04	6.36E-04	2.12E-04	4.96E-04	1.02E-04
7371	624933.56	4265785.89	0.0031896	1.10E-03	2.67E-03	8.21E-04	6.31E-04	2.10E-04	4.92E-04	1.01E-04
7372	624933.72	4265775.96	0.0031628	1.09E-03	2.64E-03	8.14E-04	6.26E-04	2.08E-04	4.88E-04	1.00E-04
7373	624933.89	4265766.03	0.003135	1.08E-03	2.62E-03	8.07E-04	6.21E-04	2.07E-04	4.84E-04	9.95E-05
7374	624934.05	4265756.09	0.0031066	1.07E-03	2.60E-03	8.00E-04	6.15E-04	2.05E-04	4.79E-04	9.86E-05
7375	624934.21	4265746.16	0.0030774	1.06E-03	2.57E-03	7.92E-04	6.09E-04	2.03E-04	4.75E-04	9.77E-05
7376	624934.38	4265736.23	0.0030474	1.05E-03	2.55E-03	7.85E-04	6.03E-04	2.01E-04	4.70E-04	9.67E-05
7377	624934.54	4265726.29	0.003017	1.04E-03	2.52E-03	7.77E-04	5.97E-04	1.99E-04	4.66E-04	9.58E-05
7378	624934.7	4265716.36	0.0029864	1.03E-03	2.50E-03	7.69E-04	5.91E-04	1.97E-04	4.61E-04	9.48E-05
7379	624934.87	4265706.43	0.0029559	1.02E-03	2.47E-03	7.61E-04	5.85E-04	1.95E-04	4.56E-04	9.38E-05
7380	624935.03	4265696.49	0.0029248	1.01E-03	2.44E-03	7.53E-04	5.79E-04	1.93E-04	4.51E-04	9.28E-05
7381	624935.2	4265686.56	0.0028922	9.95E-04	2.42E-03	7.45E-04	5.72E-04	1.91E-04	4.46E-04	9.18E-05
7382	624935.36	4265676.63	0.002857	9.82E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04	9.07E-05
7383	624925.74	4266180.69	0.0026101	8.98E-04	2.18E-03	6.72E-04	5.17E-04	1.72E-04	4.03E-04	8.28E-05
7384	624921.82	4266189.73	0.0026389	9.07E-04	2.21E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.37E-05
7385	624917.9	4266198.76	0.0026644	9.16E-04	2.23E-03	6.86E-04	5.27E-04	1.76E-04	4.11E-04	8.46E-05
7386	624891.73	4266224.05	0.0029914	1.03E-03	2.50E-03	7.70E-04	5.92E-04	1.97E-04	4.62E-04	9.49E-05
7387	624873.4	4266231.27	0.0032894	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.08E-04	1.04E-04
7388	624864.24	4266234.88	0.0034322	1.18E-03	2.87E-03	8.84E-04	6.79E-04	2.26E-04	5.30E-04	1.09E-04
7389	624855.08	4266238.49	0.0035638	1.23E-03	2.98E-03	9.18E-04	7.05E-04	2.35E-04	5.50E-04	1.13E-04
7390	624937.67	4266143.66	0.002535	8.72E-04	2.12E-03	6.53E-04	5.02E-04	1.67E-04	3.91E-04	8.05E-05
7391	624937.83	4266133.72	0.0025634	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.96E-04	8.14E-05
7392	624938	4266123.79	0.0025922	8.91E-04	2.17E-03	6.67E-04	5.13E-04	1.71E-04	4.00E-04	8.23E-05
7393	624938.16	4266113.86	0.0026223	9.02E-04	2.19E-03	6.75E-04	5.19E-04	1.73E-04	4.05E-04	8.32E-05
7394	624938.33	4266103.92	0.0026535	9.12E-04	2.22E-03	6.83E-04	5.25E-04	1.75E-04	4.09E-04	8.42E-05
7395	624938.49	4266093.99	0.002686	9.24E-04	2.25E-03	6.92E-04	5.32E-04	1.77E-04	4.14E-04	8.52E-05
7396	624938.65	4266084.06	0.0027193	9.35E-04	2.27E-03	7.00E-04	5.38E-04	1.79E-04	4.20E-04	8.63E-05
7397	624938.82	4266074.12	0.0027528	9.47E-04	2.30E-03	7.09E-04	5.45E-04	1.81E-04	4.25E-04	8.74E-05
7398	624938.98	4266064.19	0.0027864	9.58E-04	2.33E-03	7.17E-04	5.52E-04	1.84E-04	4.30E-04	8.84E-05
7399	624939.14	4266054.26	0.0028193	9.69E-04	2.36E-03	7.26E-04	5.58E-04	1.86E-04	4.35E-04	8.95E-05
7400	624939.31	4266044.32	0.0028513	9.80E-04	2.38E-03	7.34E-04	5.64E-04	1.88E-04	4.40E-04	9.05E-05
7401	624939.47	4266034.39	0.002884	9.92E-04	2.41E-03	7.43E-04	5.71E-04	1.90E-04	4.45E-04	9.15E-05
7402	624939.63	4266024.46	0.0029152	1.00E-03	2.44E-03	7.51E-04	5.77E-04	1.92E-04	4.50E-04	9.25E-05
7403	624939.8	4266014.52	0.0029446	1.01E-03	2.46E-03	7.58E-04	5.83E-04	1.94E-04	4.54E-04	9.35E-05
7404	624939.96	4266004.59	0.0029701	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.58E-04	9.43E-05
7405	624940.12	4265994.66	0.0029937	1.03E-03	2.50E-03	7.71E-04	5.93E-04	1.97E-04	4.62E-04	9.50E-05
7406	624940.29	4265984.72	0.0030148	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04	9.57E-05
7407	624940.45	4265974.79	0.0030338	1.04E-03	2.54E-03	7.81E-04	6.01E-04	2.00E-04	4.68E-04	9.63E-05
7408	624940.62	4265964.86	0.0030503	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04	9.68E-05
7409	624940.78	4265954.92	0.0030647	1.05E-03	2.56E-03	7.89E-04	6.07E-04	2.02E-04	4.73E-04	9.73E-05
7410	624940.94	4265944.99	0.0030765	1.06E-03	2.57E-03	7.92E-04	6.09E-04	2.03E-04	4.75E-04	9.76E-05
7411	624941.11	4265935.06	0.0030856	1.06E-03	2.58E-03	7.94E-04	6.11E-04	2.03E-04	4.76E-04	9.79E-05
7412	624941.27	4265925.12	0.0030924	1.06E-03	2.58E-03	7.96E-04	6.12E-04	2.04E-04	4.77E-04	9.81E-05
7413	624941.43	4265915.19	0.0030988	1.07E-03	2.59E-03	7.98E-04	6.13E-04	2.04E-04	4.78E-04	9.83E-05
7414	624941.6	4265905.26	0.0031023	1.07E-03	2.59E-03	7.99E-04	6.14E-04	2.04E-04	4.79E-04	9.85E-05
7415	624941.76	4265895.32	0.0031036	1.07E-03	2.59E-03	7.99E-04	6.14E-04	2.04E-04	4.79E-04	9.85E-05
7416	624941.92	4265885.39	0.0031003	1.07E-03	2.59E-03	7.98E-04	6.14E-04	2.04E-04	4.78E-04	9.84E-05
7417	624942.09	4265875.46	0.0030944	1.06E-03	2.59E-03	7.97E-04	6.13E-04	2.04E-04	4.77E-04	9.82E-05
7418	624942.25	4265865.52	0.0030866	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.76E-04	9.80E-05
7419	624942.41	4265855.59	0.0030766	1.06E-03	2.57E-03	7.92E-04	6.09E-04	2.03E-04	4.75E-04	9.76E-05
7420	624942.58	4265845.66	0.0030645	1.05E-03	2.56E-03	7.89E-04	6.07E-04	2.02E-04	4.73E-04	9.73E-05
7421	624942.74	4265835.72	0.0030508	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04	9.68E-05

7422	624942.9	4265825.79	0.0030356	1.04E-03	2.54E-03	7.82E-04	6.01E-04	2.00E-04	4.68E-04	9.63E-05
7423	624943.07	4265815.86	0.0030186	1.04E-03	2.52E-03	7.77E-04	5.97E-04	1.99E-04	4.66E-04	9.58E-05
7424	624943.23	4265805.92	0.0030005	1.03E-03	2.51E-03	7.73E-04	5.94E-04	1.98E-04	4.63E-04	9.52E-05
7425	624943.4	4265795.99	0.0029811	1.03E-03	2.49E-03	7.68E-04	5.90E-04	1.96E-04	4.60E-04	9.46E-05
7426	624943.56	4265786.06	0.0029609	1.02E-03	2.47E-03	7.62E-04	5.86E-04	1.95E-04	4.57E-04	9.40E-05
7427	624943.72	4265776.12	0.0029397	1.01E-03	2.46E-03	7.57E-04	5.82E-04	1.94E-04	4.54E-04	9.33E-05
7428	624943.89	4265766.19	0.0029174	1.00E-03	2.44E-03	7.51E-04	5.77E-04	1.92E-04	4.50E-04	9.26E-05
7429	624944.05	4265756.26	0.0028944	9.95E-04	2.42E-03	7.45E-04	5.73E-04	1.91E-04	4.47E-04	9.19E-05
7430	624944.21	4265746.32	0.0028706	9.87E-04	2.40E-03	7.39E-04	5.68E-04	1.89E-04	4.43E-04	9.11E-05
7431	624944.38	4265736.39	0.002846	9.79E-04	2.38E-03	7.33E-04	5.63E-04	1.88E-04	4.39E-04	9.03E-05
7432	624944.54	4265726.46	0.0028212	9.70E-04	2.36E-03	7.26E-04	5.58E-04	1.86E-04	4.35E-04	8.95E-05
7433	624944.7	4265716.52	0.0027961	9.61E-04	2.34E-03	7.20E-04	5.53E-04	1.84E-04	4.31E-04	8.87E-05
7434	624944.87	4265706.59	0.0027714	9.53E-04	2.32E-03	7.14E-04	5.49E-04	1.83E-04	4.28E-04	8.80E-05
7435	624945.03	4265696.66	0.0027466	9.44E-04	2.30E-03	7.07E-04	5.44E-04	1.81E-04	4.24E-04	8.72E-05
7436	624945.19	4265686.72	0.0027203	9.35E-04	2.27E-03	7.00E-04	5.38E-04	1.79E-04	4.20E-04	8.63E-05
7437	624945.36	4265676.79	0.0026909	9.25E-04	2.25E-03	6.93E-04	5.33E-04	1.77E-04	4.15E-04	8.54E-05
7438	624936.07	4266180.11	0.0024401	8.39E-04	2.04E-03	6.28E-04	4.83E-04	1.61E-04	3.77E-04	7.74E-05
7439	624932.26	4266188.89	0.0024672	8.48E-04	2.06E-03	6.35E-04	4.88E-04	1.63E-04	3.81E-04	7.83E-05
7440	624928.44	4266197.67	0.002492	8.57E-04	2.08E-03	6.42E-04	4.93E-04	1.64E-04	3.85E-04	7.91E-05
7441	624908.1	4266227.53	0.0026707	9.18E-04	2.23E-03	6.88E-04	5.29E-04	1.76E-04	4.12E-04	8.48E-05
7442	624899.19	4266231.04	0.0027983	9.62E-04	2.34E-03	7.20E-04	5.54E-04	1.84E-04	4.32E-04	8.88E-05
7443	624890.28	4266234.55	0.0029282	1.01E-03	2.45E-03	7.54E-04	5.80E-04	1.93E-04	4.52E-04	9.29E-05
7444	624881.37	4266238.06	0.0030577	1.05E-03	2.56E-03	7.87E-04	6.05E-04	2.01E-04	4.72E-04	9.70E-05
7445	624872.46	4266241.57	0.0031837	1.09E-03	2.66E-03	8.20E-04	6.30E-04	2.10E-04	4.91E-04	1.01E-04
7446	624863.55	4266245.08	0.0033022	1.14E-03	2.76E-03	8.50E-04	6.54E-04	2.18E-04	5.10E-04	1.05E-04
7447	624854.64	4266248.59	0.0034096	1.17E-03	2.85E-03	8.78E-04	6.75E-04	2.25E-04	5.26E-04	1.08E-04
7448	624947.67	4266143.82	0.0023686	8.14E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.65E-04	7.52E-05
7449	624947.83	4266133.89	0.0023923	8.23E-04	2.00E-03	6.16E-04	4.74E-04	1.58E-04	3.69E-04	7.59E-05
7450	624948	4266123.96	0.0024163	8.31E-04	2.02E-03	6.22E-04	4.78E-04	1.59E-04	3.73E-04	7.67E-05
7451	624948.16	4266114.02	0.0024415	8.40E-04	2.04E-03	6.29E-04	4.83E-04	1.61E-04	3.77E-04	7.75E-05
7452	624948.32	4266104.09	0.0024677	8.49E-04	2.06E-03	6.35E-04	4.88E-04	1.63E-04	3.81E-04	7.83E-05
7453	624948.49	4266094.16	0.0024948	8.58E-04	2.09E-03	6.42E-04	4.94E-04	1.64E-04	3.85E-04	7.92E-05
7454	624948.65	4266084.22	0.0025229	8.68E-04	2.11E-03	6.50E-04	4.99E-04	1.66E-04	3.89E-04	8.01E-05
7455	624948.81	4266074.29	0.0025514	8.77E-04	2.13E-03	6.57E-04	5.05E-04	1.68E-04	3.94E-04	8.10E-05
7456	624948.98	4266064.36	0.0025797	8.87E-04	2.16E-03	6.64E-04	5.11E-04	1.70E-04	3.98E-04	8.19E-05
7457	624949.14	4266054.42	0.0026079	8.97E-04	2.18E-03	6.71E-04	5.16E-04	1.72E-04	4.02E-04	8.28E-05
7458	624949.31	4266044.49	0.0026354	9.06E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.36E-05
7459	624949.47	4266034.56	0.0026636	9.16E-04	2.23E-03	6.86E-04	5.27E-04	1.75E-04	4.11E-04	8.45E-05
7460	624949.63	4266024.62	0.0026908	9.25E-04	2.25E-03	6.93E-04	5.33E-04	1.77E-04	4.15E-04	8.54E-05
7461	624949.8	4266014.69	0.0027163	9.34E-04	2.27E-03	6.99E-04	5.38E-04	1.79E-04	4.19E-04	8.62E-05
7462	624949.96	4266004.76	0.0027386	9.42E-04	2.29E-03	7.05E-04	5.42E-04	1.80E-04	4.23E-04	8.69E-05
7463	624950.12	4265994.82	0.0027591	9.49E-04	2.31E-03	7.10E-04	5.46E-04	1.82E-04	4.26E-04	8.76E-05
7464	624950.29	4265984.89	0.0027777	9.55E-04	2.32E-03	7.15E-04	5.50E-04	1.83E-04	4.29E-04	8.82E-05
7465	624950.45	4265974.96	0.0027945	9.61E-04	2.34E-03	7.19E-04	5.53E-04	1.84E-04	4.31E-04	8.87E-05
7466	624950.61	4265965.02	0.0028095	9.66E-04	2.35E-03	7.23E-04	5.56E-04	1.85E-04	4.34E-04	8.92E-05
7467	624950.78	4265955.09	0.0028221	9.70E-04	2.36E-03	7.27E-04	5.59E-04	1.86E-04	4.35E-04	8.96E-05
7468	624950.94	4265945.16	0.002833	9.74E-04	2.37E-03	7.29E-04	5.61E-04	1.87E-04	4.37E-04	8.99E-05
7469	624951.1	4265935.22	0.0028418	9.77E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04	9.02E-05
7470	624951.27	4265925.29	0.0028483	9.79E-04	2.38E-03	7.33E-04	5.64E-04	1.88E-04	4.40E-04	9.04E-05
7471	624951.43	4265915.36	0.0028547	9.82E-04	2.39E-03	7.35E-04	5.65E-04	1.88E-04	4.40E-04	9.06E-05
7472	624951.59	4265905.42	0.0028591	9.83E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04	9.07E-05
7473	624951.76	4265895.49	0.0028613	9.84E-04	2.39E-03	7.37E-04	5.66E-04	1.89E-04	4.42E-04	9.08E-05
7474	624951.92	4265885.56	0.0028598	9.83E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04	9.08E-05
7475	624952.09	4265875.62	0.0028562	9.82E-04	2.39E-03	7.35E-04	5.65E-04	1.88E-04	4.41E-04	9.06E-05
7476	624952.25	4265865.69	0.0028511	9.80E-04	2.38E-03	7.34E-04	5.64E-04	1.88E-04	4.40E-04	9.05E-05

7477	624952.41	4265855.76	0.0028443	9.78E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04	9.03E-05
7478	624952.58	4265845.82	0.0028357	9.75E-04	2.37E-03	7.30E-04	5.61E-04	1.87E-04	4.38E-04	9.00E-05
7479	624952.74	4265835.89	0.0028258	9.72E-04	2.36E-03	7.28E-04	5.59E-04	1.86E-04	4.36E-04	8.97E-05
7480	624952.9	4265825.96	0.0028145	9.68E-04	2.35E-03	7.25E-04	5.57E-04	1.85E-04	4.34E-04	8.93E-05
7481	624953.07	4265816.02	0.0028018	9.63E-04	2.34E-03	7.21E-04	5.55E-04	1.85E-04	4.32E-04	8.89E-05
7482	624953.23	4265806.09	0.0027881	9.59E-04	2.33E-03	7.18E-04	5.52E-04	1.84E-04	4.30E-04	8.85E-05
7483	624953.39	4265796.16	0.0027734	9.54E-04	2.32E-03	7.14E-04	5.49E-04	1.83E-04	4.28E-04	8.80E-05
7484	624953.56	4265786.22	0.0027574	9.48E-04	2.30E-03	7.10E-04	5.46E-04	1.82E-04	4.25E-04	8.75E-05
7485	624953.72	4265776.29	0.0027407	9.42E-04	2.29E-03	7.06E-04	5.42E-04	1.81E-04	4.23E-04	8.70E-05
7486	624953.88	4265766.36	0.002723	9.36E-04	2.28E-03	7.01E-04	5.39E-04	1.79E-04	4.20E-04	8.64E-05
7487	624954.05	4265756.42	0.0027043	9.30E-04	2.26E-03	6.96E-04	5.35E-04	1.78E-04	4.17E-04	8.58E-05
7488	624954.21	4265746.49	0.0026849	9.23E-04	2.24E-03	6.91E-04	5.31E-04	1.77E-04	4.14E-04	8.52E-05
7489	624954.38	4265736.56	0.0026648	9.16E-04	2.23E-03	6.86E-04	5.27E-04	1.76E-04	4.11E-04	8.46E-05
7490	624954.54	4265726.62	0.0026445	9.09E-04	2.21E-03	6.81E-04	5.23E-04	1.74E-04	4.08E-04	8.39E-05
7491	624954.7	4265716.69	0.002624	9.02E-04	2.19E-03	6.76E-04	5.19E-04	1.73E-04	4.05E-04	8.33E-05
7492	624954.87	4265706.76	0.0026042	8.96E-04	2.18E-03	6.70E-04	5.15E-04	1.72E-04	4.02E-04	8.26E-05
7493	624955.03	4265696.82	0.0025842	8.89E-04	2.16E-03	6.65E-04	5.12E-04	1.70E-04	3.99E-04	8.20E-05
7494	624955.19	4265686.89	0.0025631	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.95E-04	8.13E-05
7495	624955.36	4265676.96	0.0025389	8.73E-04	2.12E-03	6.54E-04	5.03E-04	1.67E-04	3.92E-04	8.06E-05
7496	624961.07	4266180.52	0.0020885	7.18E-04	1.75E-03	5.38E-04	4.13E-04	1.38E-04	3.22E-04	6.63E-05
7497	624957.25	4266189.3	0.0021129	7.27E-04	1.77E-03	5.44E-04	4.18E-04	1.39E-04	3.26E-04	6.71E-05
7498	624953.44	4266198.08	0.0021354	7.34E-04	1.78E-03	5.50E-04	4.23E-04	1.41E-04	3.30E-04	6.78E-05
7499	624942	4266224.44	0.0021919	7.54E-04	1.83E-03	5.64E-04	4.34E-04	1.44E-04	3.38E-04	6.96E-05
7500	624938.19	4266233.22	0.0022063	7.59E-04	1.84E-03	5.68E-04	4.37E-04	1.45E-04	3.40E-04	7.00E-05
7501	624925.47	4266245.51	0.0023149	7.96E-04	1.93E-03	5.96E-04	4.58E-04	1.53E-04	3.57E-04	7.35E-05
7502	624916.56	4266249.02	0.0024146	8.30E-04	2.02E-03	6.22E-04	4.78E-04	1.59E-04	3.73E-04	7.66E-05
7503	624907.65	4266252.53	0.0025158	8.65E-04	2.10E-03	6.48E-04	4.98E-04	1.66E-04	3.88E-04	7.98E-05
7504	624898.74	4266256.04	0.0026169	9.00E-04	2.19E-03	6.74E-04	5.18E-04	1.72E-04	4.04E-04	8.31E-05
7505	624889.83	4266259.55	0.0027162	9.34E-04	2.27E-03	6.99E-04	5.38E-04	1.79E-04	4.19E-04	8.62E-05
7506	624880.92	4266263.05	0.0028116	9.67E-04	2.35E-03	7.24E-04	5.57E-04	1.85E-04	4.34E-04	8.92E-05
7507	624872.02	4266266.56	0.0029007	9.97E-04	2.42E-03	7.47E-04	5.74E-04	1.91E-04	4.48E-04	9.21E-05
7508	624863.11	4266270.07	0.0029821	1.03E-03	2.49E-03	7.68E-04	5.90E-04	1.96E-04	4.60E-04	9.46E-05
7509	624854.2	4266273.58	0.003054	1.05E-03	2.55E-03	7.86E-04	6.05E-04	2.01E-04	4.71E-04	9.69E-05
7510	624972.67	4266144.23	0.0020209	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
7511	624972.83	4266134.3	0.0020362	7.00E-04	1.70E-03	5.24E-04	4.03E-04	1.34E-04	3.14E-04	6.46E-05
7512	624972.99	4266124.37	0.0020518	7.06E-04	1.71E-03	5.28E-04	4.06E-04	1.35E-04	3.17E-04	6.51E-05
7513	624973.16	4266114.43	0.0020678	7.11E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04	6.56E-05
7514	624973.32	4266104.5	0.0020848	7.17E-04	1.74E-03	5.37E-04	4.13E-04	1.37E-04	3.22E-04	6.62E-05
7515	624973.48	4266094.57	0.0021026	7.23E-04	1.76E-03	5.41E-04	4.16E-04	1.39E-04	3.24E-04	6.67E-05
7516	624973.65	4266084.63	0.0021209	7.29E-04	1.77E-03	5.46E-04	4.20E-04	1.40E-04	3.27E-04	6.73E-05
7517	624973.81	4266074.7	0.00214	7.36E-04	1.79E-03	5.51E-04	4.24E-04	1.41E-04	3.30E-04	6.79E-05
7518	624973.97	4266064.77	0.0021593	7.43E-04	1.80E-03	5.56E-04	4.27E-04	1.42E-04	3.33E-04	6.85E-05
7519	624974.14	4266054.83	0.0021785	7.49E-04	1.82E-03	5.61E-04	4.31E-04	1.44E-04	3.36E-04	6.91E-05
7520	624974.3	4266044.9	0.0021978	7.56E-04	1.84E-03	5.66E-04	4.35E-04	1.45E-04	3.39E-04	6.97E-05
7521	624974.47	4266034.97	0.0022177	7.63E-04	1.85E-03	5.71E-04	4.39E-04	1.46E-04	3.42E-04	7.04E-05
7522	624974.63	4266025.03	0.0022372	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04	7.10E-05
7523	624974.79	4266015.1	0.0022559	7.76E-04	1.89E-03	5.81E-04	4.47E-04	1.49E-04	3.48E-04	7.16E-05
7524	624974.96	4266005.17	0.0022718	7.81E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04	7.21E-05
7525	624975.12	4265995.23	0.0022869	7.86E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04	7.26E-05
7526	624975.28	4265985.3	0.0023008	7.91E-04	1.92E-03	5.92E-04	4.55E-04	1.52E-04	3.55E-04	7.30E-05
7527	624975.45	4265975.37	0.0023133	7.95E-04	1.93E-03	5.96E-04	4.58E-04	1.52E-04	3.57E-04	7.34E-05
7528	624975.61	4265965.43	0.0023248	7.99E-04	1.94E-03	5.99E-04	4.60E-04	1.53E-04	3.59E-04	7.38E-05
7529	624975.77	4265955.5	0.002335	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.41E-05
7530	624975.94	4265945.57	0.0023437	8.06E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.62E-04	7.44E-05
7531	624976.1	4265935.63	0.0023513	8.09E-04	1.97E-03	6.05E-04	4.65E-04	1.55E-04	3.63E-04	7.46E-05

7532	624976.26	4265925.7	0.0023577	8.11E-04	1.97E-03	6.07E-04	4.67E-04	1.55E-04	3.64E-04	7.48E-05
7533	624976.43	4265915.77	0.0023641	8.13E-04	1.98E-03	6.09E-04	4.68E-04	1.56E-04	3.65E-04	7.50E-05
7534	624976.59	4265905.83	0.0023695	8.15E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.66E-04	7.52E-05
7535	624976.76	4265895.9	0.0023736	8.16E-04	1.98E-03	6.11E-04	4.70E-04	1.56E-04	3.66E-04	7.53E-05
7536	624976.92	4265885.97	0.0023754	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.57E-04	3.67E-04	7.54E-05
7537	624977.08	4265876.03	0.002376	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.57E-04	3.67E-04	7.54E-05
7538	624977.25	4265866.1	0.0023754	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.57E-04	3.67E-04	7.54E-05
7539	624977.41	4265856.17	0.0023739	8.16E-04	1.98E-03	6.11E-04	4.70E-04	1.56E-04	3.66E-04	7.53E-05
7540	624977.57	4265846.23	0.0023714	8.15E-04	1.98E-03	6.11E-04	4.69E-04	1.56E-04	3.66E-04	7.53E-05
7541	624977.74	4265836.3	0.0023678	8.14E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.65E-04	7.51E-05
7542	624977.9	4265826.37	0.0023633	8.13E-04	1.98E-03	6.08E-04	4.68E-04	1.56E-04	3.65E-04	7.50E-05
7543	624978.06	4265816.43	0.0023579	8.11E-04	1.97E-03	6.07E-04	4.67E-04	1.55E-04	3.64E-04	7.48E-05
7544	624978.23	4265806.5	0.0023515	8.09E-04	1.97E-03	6.05E-04	4.65E-04	1.55E-04	3.63E-04	7.46E-05
7545	624978.39	4265796.57	0.0023442	8.06E-04	1.96E-03	6.04E-04	4.64E-04	1.54E-04	3.62E-04	7.44E-05
7546	624978.55	4265786.63	0.0023359	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.41E-05
7547	624978.72	4265776.7	0.0023266	8.00E-04	1.94E-03	5.99E-04	4.61E-04	1.53E-04	3.59E-04	7.38E-05
7548	624978.88	4265766.77	0.0023165	7.97E-04	1.94E-03	5.96E-04	4.59E-04	1.53E-04	3.57E-04	7.35E-05
7549	624979.04	4265756.83	0.0023056	7.93E-04	1.93E-03	5.94E-04	4.56E-04	1.52E-04	3.56E-04	7.32E-05
7550	624979.21	4265746.9	0.0022939	7.89E-04	1.92E-03	5.91E-04	4.54E-04	1.51E-04	3.54E-04	7.28E-05
7551	624979.37	4265736.97	0.0022828	7.85E-04	1.91E-03	5.88E-04	4.52E-04	1.50E-04	3.52E-04	7.24E-05
7552	624979.54	4265727.03	0.0022716	7.81E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04	7.21E-05
7553	624979.7	4265717.1	0.0022606	7.77E-04	1.89E-03	5.82E-04	4.47E-04	1.49E-04	3.49E-04	7.17E-05
7554	624979.86	4265707.17	0.0022488	7.73E-04	1.88E-03	5.79E-04	4.45E-04	1.48E-04	3.47E-04	7.14E-05
7555	624980.03	4265697.23	0.0022362	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04	7.10E-05
7556	624980.19	4265687.3	0.002223	7.64E-04	1.86E-03	5.72E-04	4.40E-04	1.46E-04	3.43E-04	7.05E-05
7557	624980.35	4265677.37	0.002208	7.59E-04	1.85E-03	5.68E-04	4.37E-04	1.45E-04	3.41E-04	7.01E-05
7558	624986.06	4266180.93	0.00181	6.22E-04	1.51E-03	4.66E-04	3.58E-04	1.19E-04	2.79E-04	5.74E-05
7559	624982.25	4266189.71	0.0018316	6.30E-04	1.53E-03	4.72E-04	3.63E-04	1.21E-04	2.83E-04	5.81E-05
7560	624978.44	4266198.5	0.0018518	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
7561	624967	4266224.85	0.0019049	6.55E-04	1.59E-03	4.90E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
7562	624963.19	4266233.63	0.0019201	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.27E-04	2.96E-04	6.09E-05
7563	624959.38	4266242.41	0.0019336	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.98E-04	6.14E-05
7564	624955.56	4266251.2	0.0019453	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.17E-05
7565	624942.84	4266263.49	0.0020334	6.99E-04	1.70E-03	5.24E-04	4.02E-04	1.34E-04	3.14E-04	6.45E-05
7566	624933.93	4266267	0.0021138	7.27E-04	1.77E-03	5.44E-04	4.18E-04	1.39E-04	3.26E-04	6.71E-05
7567	624925.02	4266270.51	0.0021952	7.55E-04	1.83E-03	5.65E-04	4.35E-04	1.45E-04	3.39E-04	6.97E-05
7568	624916.11	4266274.02	0.0022766	7.83E-04	1.90E-03	5.86E-04	4.51E-04	1.50E-04	3.51E-04	7.23E-05
7569	624907.21	4266277.52	0.0023571	8.11E-04	1.97E-03	6.07E-04	4.67E-04	1.55E-04	3.64E-04	7.48E-05
7570	624898.3	4266281.03	0.0024353	8.37E-04	2.04E-03	6.27E-04	4.82E-04	1.60E-04	3.76E-04	7.73E-05
7571	624889.39	4266284.54	0.0025099	8.63E-04	2.10E-03	6.46E-04	4.97E-04	1.65E-04	3.87E-04	7.97E-05
7572	624880.48	4266288.05	0.0025799	8.87E-04	2.16E-03	6.64E-04	5.11E-04	1.70E-04	3.98E-04	8.19E-05
7573	624997.66	4266144.65	0.0017475	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
7574	624997.83	4266134.71	0.0017573	6.04E-04	1.47E-03	4.52E-04	3.48E-04	1.16E-04	2.71E-04	5.58E-05
7575	624997.99	4266124.78	0.0017674	6.08E-04	1.48E-03	4.55E-04	3.50E-04	1.16E-04	2.73E-04	5.61E-05
7576	624998.15	4266114.85	0.0017779	6.11E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.74E-04	5.64E-05
7577	624998.32	4266104.91	0.001789	6.15E-04	1.50E-03	4.61E-04	3.54E-04	1.18E-04	2.76E-04	5.68E-05
7578	624998.48	4266094.98	0.0018008	6.19E-04	1.51E-03	4.64E-04	3.56E-04	1.19E-04	2.78E-04	5.72E-05
7579	624998.64	4266085.05	0.0018132	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.19E-04	2.80E-04	5.75E-05
7580	624998.81	4266075.11	0.0018261	6.28E-04	1.53E-03	4.70E-04	3.61E-04	1.20E-04	2.82E-04	5.80E-05
7581	624998.97	4266065.18	0.00184	6.33E-04	1.54E-03	4.74E-04	3.64E-04	1.21E-04	2.84E-04	5.84E-05
7582	624999.14	4266055.25	0.0018542	6.38E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
7583	624999.3	4266045.31	0.0018685	6.43E-04	1.56E-03	4.81E-04	3.70E-04	1.23E-04	2.88E-04	5.93E-05
7584	624999.46	4266035.38	0.0018825	6.47E-04	1.57E-03	4.85E-04	3.73E-04	1.24E-04	2.90E-04	5.97E-05
7585	624999.63	4266025.45	0.0018962	6.52E-04	1.58E-03	4.88E-04	3.75E-04	1.25E-04	2.93E-04	6.02E-05
7586	624999.79	4266015.51	0.0019095	6.57E-04	1.60E-03	4.92E-04	3.78E-04	1.26E-04	2.95E-04	6.06E-05

7587	624999.95	4266005.58	0.0019216	6.61E-04	1.61E-03	4.95E-04	3.80E-04	1.27E-04	2.97E-04	6.10E-05
7588	625000.12	4265995.65	0.001933	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.98E-04	6.13E-05
7589	625000.28	4265985.71	0.0019438	6.68E-04	1.62E-03	5.00E-04	3.85E-04	1.28E-04	3.00E-04	6.17E-05
7590	625000.44	4265975.78	0.0019538	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.01E-04	6.20E-05
7591	625000.61	4265965.85	0.001963	6.75E-04	1.64E-03	5.05E-04	3.89E-04	1.29E-04	3.03E-04	6.23E-05
7592	625000.77	4265955.91	0.0019715	6.78E-04	1.65E-03	5.08E-04	3.90E-04	1.30E-04	3.04E-04	6.26E-05
7593	625000.93	4265945.98	0.0019799	6.81E-04	1.65E-03	5.10E-04	3.92E-04	1.30E-04	3.06E-04	6.28E-05
7594	625001.1	4265936.05	0.0019875	6.83E-04	1.66E-03	5.12E-04	3.93E-04	1.31E-04	3.07E-04	6.31E-05
7595	625001.26	4265926.11	0.0019945	6.86E-04	1.67E-03	5.14E-04	3.95E-04	1.31E-04	3.08E-04	6.33E-05
7596	625001.42	4265916.18	0.0020006	6.88E-04	1.67E-03	5.15E-04	3.96E-04	1.32E-04	3.09E-04	6.35E-05
7597	625001.59	4265906.25	0.0020058	6.90E-04	1.68E-03	5.16E-04	3.97E-04	1.32E-04	3.10E-04	6.37E-05
7598	625001.75	4265896.31	0.0020105	6.91E-04	1.68E-03	5.18E-04	3.98E-04	1.32E-04	3.10E-04	6.38E-05
7599	625001.92	4265886.38	0.0020137	6.92E-04	1.68E-03	5.18E-04	3.99E-04	1.33E-04	3.11E-04	6.39E-05
7600	625002.08	4265876.45	0.0020164	6.93E-04	1.69E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04	6.40E-05
7601	625002.24	4265866.51	0.0020185	6.94E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.11E-04	6.41E-05
7602	625002.41	4265856.58	0.0020196	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
7603	625002.57	4265846.65	0.0020203	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
7604	625002.73	4265836.71	0.0020202	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
7605	625002.9	4265826.78	0.0020192	6.94E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
7606	625003.06	4265816.85	0.0020175	6.94E-04	1.69E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04	6.40E-05
7607	625003.22	4265806.91	0.0020151	6.93E-04	1.68E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04	6.39E-05
7608	625003.39	4265796.98	0.0020116	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.10E-04	6.38E-05
7609	625003.55	4265787.05	0.0020075	6.90E-04	1.68E-03	5.17E-04	3.97E-04	1.32E-04	3.10E-04	6.37E-05
7610	625003.71	4265777.11	0.0020025	6.89E-04	1.67E-03	5.16E-04	3.96E-04	1.32E-04	3.09E-04	6.36E-05
7611	625003.88	4265767.18	0.0019972	6.87E-04	1.67E-03	5.14E-04	3.95E-04	1.32E-04	3.08E-04	6.34E-05
7612	625004.04	4265757.25	0.0019915	6.85E-04	1.66E-03	5.13E-04	3.94E-04	1.31E-04	3.07E-04	6.32E-05
7613	625004.2	4265747.31	0.0019855	6.83E-04	1.66E-03	5.11E-04	3.93E-04	1.31E-04	3.06E-04	6.30E-05
7614	625004.37	4265737.38	0.0019791	6.81E-04	1.65E-03	5.10E-04	3.92E-04	1.30E-04	3.05E-04	6.28E-05
7615	625004.53	4265727.45	0.0019727	6.78E-04	1.65E-03	5.08E-04	3.90E-04	1.30E-04	3.04E-04	6.26E-05
7616	625004.7	4265717.51	0.0019663	6.76E-04	1.64E-03	5.06E-04	3.89E-04	1.30E-04	3.03E-04	6.24E-05
7617	625004.86	4265707.58	0.0019598	6.74E-04	1.64E-03	5.05E-04	3.88E-04	1.29E-04	3.02E-04	6.22E-05
7618	625005.02	4265697.65	0.001953	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.01E-04	6.20E-05
7619	625005.19	4265687.71	0.0019453	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.17E-05
7620	625005.35	4265677.78	0.0019366	6.66E-04	1.62E-03	4.99E-04	3.83E-04	1.28E-04	2.99E-04	6.15E-05
7621	625011.06	4266181.34	0.001585	5.45E-04	1.32E-03	4.08E-04	3.14E-04	1.04E-04	2.45E-04	5.03E-05
7622	625007.25	4266190.12	0.0016042	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04	5.09E-05
7623	625003.43	4266198.91	0.0016223	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04	5.15E-05
7624	624988.18	4266234.04	0.0016849	5.79E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04	5.35E-05
7625	624984.37	4266242.83	0.0016985	5.84E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.39E-05
7626	624980.56	4266251.61	0.001711	5.88E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04	5.43E-05
7627	624976.75	4266260.39	0.0017223	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04	5.47E-05
7628	624972.93	4266269.18	0.0017322	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04	5.50E-05
7629	624960.21	4266281.47	0.0018054	6.21E-04	1.51E-03	4.65E-04	3.57E-04	1.19E-04	2.79E-04	5.73E-05
7630	624951.3	4266284.98	0.0018717	6.44E-04	1.56E-03	4.82E-04	3.70E-04	1.23E-04	2.89E-04	5.94E-05
7631	624888.94	4266309.54	0.0023176	7.97E-04	1.94E-03	5.97E-04	4.59E-04	1.53E-04	3.58E-04	7.36E-05
7632	624880.03	4266313.05	0.0023696	8.15E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.66E-04	7.52E-05
7633	624871.12	4266316.56	0.0024164	8.31E-04	2.02E-03	6.22E-04	4.78E-04	1.59E-04	3.73E-04	7.67E-05
7634	624862.21	4266320.06	0.0024576	8.45E-04	2.05E-03	6.33E-04	4.86E-04	1.62E-04	3.79E-04	7.80E-05
7635	624853.3	4266323.57	0.0024927	8.57E-04	2.08E-03	6.42E-04	4.93E-04	1.64E-04	3.85E-04	7.91E-05
7636	625022.66	4266145.06	0.0015281	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
7637	625022.82	4266135.12	0.0015346	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04	4.87E-05
7638	625022.99	4266125.19	0.0015411	5.30E-04	1.29E-03	3.97E-04	3.05E-04	1.02E-04	2.38E-04	4.89E-05
7639	625023.15	4266115.26	0.001548	5.32E-04	1.29E-03	3.99E-04	3.06E-04	1.02E-04	2.39E-04	4.91E-05
7640	625023.31	4266105.32	0.0015554	5.35E-04	1.30E-03	4.00E-04	3.08E-04	1.02E-04	2.40E-04	4.94E-05
7641	625023.48	4266095.39	0.0015632	5.38E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04	4.96E-05

7642	625023.64	4266085.46	0.0015717	5.40E-04	1.31E-03	4.05E-04	3.11E-04	1.04E-04	2.43E-04	4.99E-05
7643	625023.8	4266075.52	0.0015807	5.44E-04	1.32E-03	4.07E-04	3.13E-04	1.04E-04	2.44E-04	5.02E-05
7644	625023.97	4266065.59	0.001591	5.47E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.45E-04	5.05E-05
7645	625024.13	4266055.66	0.0016018	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.06E-04	2.47E-04	5.08E-05
7646	625024.3	4266045.72	0.0016127	5.55E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04	5.12E-05
7647	625024.46	4266035.79	0.0016228	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04	5.15E-05
7648	625024.62	4266025.86	0.0016326	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.08E-04	2.52E-04	5.18E-05
7649	625024.79	4266015.92	0.0016423	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.53E-04	5.21E-05
7650	625024.95	4266005.99	0.0016517	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
7651	625025.11	4265996.06	0.0016608	5.71E-04	1.39E-03	4.28E-04	3.29E-04	1.09E-04	2.56E-04	5.27E-05
7652	625025.28	4265986.12	0.0016695	5.74E-04	1.40E-03	4.30E-04	3.30E-04	1.10E-04	2.58E-04	5.30E-05
7653	625025.44	4265976.19	0.0016779	5.77E-04	1.40E-03	4.32E-04	3.32E-04	1.11E-04	2.59E-04	5.33E-05
7654	625025.6	4265966.26	0.0016859	5.80E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04	5.35E-05
7655	625025.77	4265956.32	0.0016934	5.82E-04	1.42E-03	4.36E-04	3.35E-04	1.12E-04	2.61E-04	5.37E-05
7656	625025.93	4265946.39	0.0017014	5.85E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04	5.40E-05
7657	625026.09	4265936.46	0.0017092	5.88E-04	1.43E-03	4.40E-04	3.38E-04	1.13E-04	2.64E-04	5.42E-05
7658	625026.26	4265926.52	0.0017164	5.90E-04	1.43E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04	5.45E-05
7659	625026.42	4265916.59	0.0017223	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04	5.47E-05
7660	625026.58	4265906.66	0.0017275	5.94E-04	1.44E-03	4.45E-04	3.42E-04	1.14E-04	2.67E-04	5.48E-05
7661	625026.75	4265896.72	0.0017322	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04	5.50E-05
7662	625026.91	4265886.79	0.0017365	5.97E-04	1.45E-03	4.47E-04	3.44E-04	1.14E-04	2.68E-04	5.51E-05
7663	625027.08	4265876.86	0.0017402	5.98E-04	1.45E-03	4.48E-04	3.44E-04	1.15E-04	2.69E-04	5.52E-05
7664	625027.24	4265866.92	0.0017434	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.53E-05
7665	625027.4	4265856.99	0.0017461	6.00E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.69E-04	5.54E-05
7666	625027.57	4265847.06	0.0017481	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
7667	625027.73	4265837.12	0.0017496	6.02E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
7668	625027.89	4265827.19	0.0017507	6.02E-04	1.46E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04	5.56E-05
7669	625028.06	4265817.26	0.0017512	6.02E-04	1.46E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04	5.56E-05
7670	625028.22	4265807.32	0.001751	6.02E-04	1.46E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04	5.56E-05
7671	625028.38	4265797.39	0.0017497	6.02E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
7672	625028.55	4265787.46	0.0017476	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
7673	625028.71	4265777.52	0.0017449	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.54E-05
7674	625028.87	4265767.59	0.001742	5.99E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.53E-05
7675	625029.04	4265757.66	0.0017389	5.98E-04	1.45E-03	4.48E-04	3.44E-04	1.15E-04	2.68E-04	5.52E-05
7676	625029.2	4265747.72	0.0017357	5.97E-04	1.45E-03	4.47E-04	3.44E-04	1.14E-04	2.68E-04	5.51E-05
7677	625029.37	4265737.79	0.0017322	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04	5.50E-05
7678	625029.53	4265727.86	0.0017289	5.95E-04	1.45E-03	4.45E-04	3.42E-04	1.14E-04	2.67E-04	5.49E-05
7679	625029.69	4265717.92	0.0017259	5.93E-04	1.44E-03	4.44E-04	3.42E-04	1.14E-04	2.66E-04	5.48E-05
7680	625029.86	4265707.99	0.0017228	5.92E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
7681	625030.02	4265698.06	0.0017196	5.91E-04	1.44E-03	4.43E-04	3.40E-04	1.13E-04	2.65E-04	5.46E-05
7682	625030.18	4265688.12	0.0017159	5.90E-04	1.43E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04	5.45E-05
7683	625030.35	4265678.19	0.0017111	5.88E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04	5.43E-05
7684	625036.06	4266181.75	0.0014008	4.82E-04	1.17E-03	3.61E-04	2.77E-04	9.23E-05	2.16E-04	4.45E-05
7685	625032.24	4266190.54	0.0014177	4.88E-04	1.18E-03	3.65E-04	2.81E-04	9.34E-05	2.19E-04	4.50E-05
7686	625028.43	4266199.32	0.0014337	4.93E-04	1.20E-03	3.69E-04	2.84E-04	9.45E-05	2.21E-04	4.55E-05
7687	625024.62	4266208.1	0.0014488	4.98E-04	1.21E-03	3.73E-04	2.87E-04	9.55E-05	2.24E-04	4.60E-05
7688	625020.81	4266216.89	0.0014631	5.03E-04	1.22E-03	3.77E-04	2.90E-04	9.64E-05	2.26E-04	4.64E-05
7689	625016.99	4266225.67	0.0014769	5.08E-04	1.23E-03	3.80E-04	2.92E-04	9.73E-05	2.28E-04	4.69E-05
7690	625013.18	4266234.45	0.00149	5.12E-04	1.25E-03	3.84E-04	2.95E-04	9.82E-05	2.30E-04	4.73E-05
7691	624994.12	4266278.37	0.0015468	5.32E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.39E-04	4.91E-05
7692	624990.31	4266287.15	0.0015554	5.35E-04	1.30E-03	4.00E-04	3.08E-04	1.02E-04	2.40E-04	4.94E-05
7693	624950.86	4266309.97	0.0017859	6.14E-04	1.49E-03	4.60E-04	3.53E-04	1.18E-04	2.76E-04	5.67E-05
7694	624941.95	4266313.48	0.001842	6.33E-04	1.54E-03	4.74E-04	3.65E-04	1.21E-04	2.84E-04	5.85E-05
7695	624933.04	4266316.99	0.0018973	6.52E-04	1.59E-03	4.88E-04	3.76E-04	1.25E-04	2.93E-04	6.02E-05
7696	624924.13	4266320.5	0.0019511	6.71E-04	1.63E-03	5.02E-04	3.86E-04	1.29E-04	3.01E-04	6.19E-05

7697	624897.4	4266331.03	0.0020989	7.22E-04	1.75E-03	5.40E-04	4.15E-04	1.38E-04	3.24E-04	6.66E-05
7698	624888.49	4266334.53	0.0021419	7.37E-04	1.79E-03	5.51E-04	4.24E-04	1.41E-04	3.31E-04	6.80E-05
7699	624879.59	4266338.04	0.0021807	7.50E-04	1.82E-03	5.61E-04	4.32E-04	1.44E-04	3.36E-04	6.92E-05
7700	624870.68	4266341.55	0.0022152	7.62E-04	1.85E-03	5.70E-04	4.38E-04	1.46E-04	3.42E-04	7.03E-05
7701	624861.77	4266345.06	0.0022451	7.72E-04	1.88E-03	5.78E-04	4.44E-04	1.48E-04	3.46E-04	7.12E-05
7702	624852.86	4266348.57	0.0022703	7.81E-04	1.90E-03	5.85E-04	4.49E-04	1.50E-04	3.50E-04	7.21E-05
7703	625047.66	4266145.47	0.0013495	4.64E-04	1.13E-03	3.47E-04	2.67E-04	8.89E-05	2.08E-04	4.28E-05
7704	625047.82	4266135.54	0.0013537	4.65E-04	1.13E-03	3.49E-04	2.68E-04	8.92E-05	2.09E-04	4.30E-05
7705	625047.98	4266125.6	0.0013579	4.67E-04	1.13E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04	4.31E-05
7706	625048.15	4266115.67	0.0013623	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.32E-05
7707	625048.31	4266105.74	0.0013672	4.70E-04	1.14E-03	3.52E-04	2.71E-04	9.01E-05	2.11E-04	4.34E-05
7708	625048.47	4266095.8	0.0013727	4.72E-04	1.15E-03	3.53E-04	2.72E-04	9.04E-05	2.12E-04	4.36E-05
7709	625048.64	4266085.87	0.0013787	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.08E-05	2.13E-04	4.38E-05
7710	625048.8	4266075.94	0.0013852	4.76E-04	1.16E-03	3.57E-04	2.74E-04	9.13E-05	2.14E-04	4.40E-05
7711	625048.96	4266066	0.0013927	4.79E-04	1.16E-03	3.59E-04	2.76E-04	9.18E-05	2.15E-04	4.42E-05
7712	625049.13	4266056.07	0.0014005	4.82E-04	1.17E-03	3.61E-04	2.77E-04	9.23E-05	2.16E-04	4.44E-05
7713	625049.29	4266046.14	0.0014087	4.84E-04	1.18E-03	3.63E-04	2.79E-04	9.28E-05	2.17E-04	4.47E-05
7714	625049.46	4266036.2	0.0014163	4.87E-04	1.18E-03	3.65E-04	2.80E-04	9.33E-05	2.19E-04	4.49E-05
7715	625049.62	4266026.27	0.001424	4.90E-04	1.19E-03	3.67E-04	2.82E-04	9.38E-05	2.20E-04	4.52E-05
7716	625049.78	4266016.34	0.0014317	4.92E-04	1.20E-03	3.69E-04	2.83E-04	9.43E-05	2.21E-04	4.54E-05
7717	625049.95	4266006.4	0.0014394	4.95E-04	1.20E-03	3.71E-04	2.85E-04	9.48E-05	2.22E-04	4.57E-05
7718	625050.11	4265996.47	0.001447	4.98E-04	1.21E-03	3.73E-04	2.86E-04	9.53E-05	2.23E-04	4.59E-05
7719	625050.27	4265986.54	0.0014545	5.00E-04	1.22E-03	3.74E-04	2.88E-04	9.58E-05	2.24E-04	4.62E-05
7720	625050.44	4265976.6	0.0014619	5.03E-04	1.22E-03	3.76E-04	2.89E-04	9.63E-05	2.26E-04	4.64E-05
7721	625050.6	4265966.67	0.0014693	5.05E-04	1.23E-03	3.78E-04	2.91E-04	9.68E-05	2.27E-04	4.66E-05
7722	625050.76	4265956.74	0.0014763	5.08E-04	1.23E-03	3.80E-04	2.92E-04	9.73E-05	2.28E-04	4.69E-05
7723	625050.93	4265946.8	0.0014836	5.10E-04	1.24E-03	3.82E-04	2.94E-04	9.77E-05	2.29E-04	4.71E-05
7724	625051.09	4265936.87	0.0014908	5.13E-04	1.25E-03	3.84E-04	2.95E-04	9.82E-05	2.30E-04	4.73E-05
7725	625051.25	4265926.94	0.0014976	5.15E-04	1.25E-03	3.86E-04	2.96E-04	9.87E-05	2.31E-04	4.75E-05
7726	625051.42	4265917	0.0015034	5.17E-04	1.26E-03	3.87E-04	2.98E-04	9.91E-05	2.32E-04	4.77E-05
7727	625051.58	4265907.07	0.0015089	5.19E-04	1.26E-03	3.88E-04	2.99E-04	9.94E-05	2.33E-04	4.79E-05
7728	625051.74	4265897.14	0.0015139	5.21E-04	1.27E-03	3.90E-04	3.00E-04	9.97E-05	2.34E-04	4.80E-05
7729	625051.91	4265887.2	0.0015185	5.22E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.34E-04	4.82E-05
7730	625052.07	4265877.27	0.0015228	5.24E-04	1.27E-03	3.92E-04	3.01E-04	1.00E-04	2.35E-04	4.83E-05
7731	625052.24	4265867.34	0.0015265	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.84E-05
7732	625052.4	4265857.4	0.00153	5.26E-04	1.28E-03	3.94E-04	3.03E-04	1.01E-04	2.36E-04	4.86E-05
7733	625052.56	4265847.47	0.0015329	5.27E-04	1.28E-03	3.95E-04	3.03E-04	1.01E-04	2.37E-04	4.86E-05
7734	625052.73	4265837.54	0.0015351	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04	4.87E-05
7735	625052.89	4265827.6	0.0015371	5.29E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
7736	625053.05	4265817.67	0.0015385	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.37E-04	4.88E-05
7737	625053.22	4265807.74	0.0015391	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.37E-04	4.88E-05
7738	625053.38	4265797.8	0.0015388	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.37E-04	4.88E-05
7739	625053.54	4265787.87	0.0015378	5.29E-04	1.29E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
7740	625053.71	4265777.94	0.0015363	5.28E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
7741	625053.87	4265768	0.0015346	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04	4.87E-05
7742	625054.03	4265758.07	0.0015327	5.27E-04	1.28E-03	3.95E-04	3.03E-04	1.01E-04	2.37E-04	4.86E-05
7743	625054.2	4265748.14	0.0015309	5.26E-04	1.28E-03	3.94E-04	3.03E-04	1.01E-04	2.36E-04	4.86E-05
7744	625054.36	4265738.2	0.0015294	5.26E-04	1.28E-03	3.94E-04	3.03E-04	1.01E-04	2.36E-04	4.85E-05
7745	625054.53	4265728.27	0.0015282	5.26E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
7746	625054.69	4265718.34	0.0015273	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
7747	625054.85	4265708.4	0.0015266	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.84E-05
7748	625055.02	4265698.47	0.0015257	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.35E-04	4.84E-05
7749	625055.18	4265688.54	0.0015244	5.24E-04	1.27E-03	3.92E-04	3.02E-04	1.00E-04	2.35E-04	4.84E-05
7750	625055.34	4265678.6	0.0015225	5.24E-04	1.27E-03	3.92E-04	3.01E-04	1.00E-04	2.35E-04	4.83E-05
7751	625049.61	4266208.51	0.0012906	4.44E-04	1.08E-03	3.32E-04	2.55E-04	8.50E-05	1.99E-04	4.10E-05

7752	625045.8	4266217.3	0.0013033	4.48E-04	1.09E-03	3.36E-04	2.58E-04	8.59E-05	2.01E-04	4.14E-05
7753	625041.99	4266226.08	0.0013154	4.52E-04	1.10E-03	3.39E-04	2.60E-04	8.67E-05	2.03E-04	4.17E-05
7754	625038.18	4266234.86	0.0013271	4.56E-04	1.11E-03	3.42E-04	2.63E-04	8.74E-05	2.05E-04	4.21E-05
7755	625034.37	4266243.65	0.0013385	4.60E-04	1.12E-03	3.45E-04	2.65E-04	8.82E-05	2.07E-04	4.25E-05
7756	625030.55	4266252.43	0.0013497	4.64E-04	1.13E-03	3.48E-04	2.67E-04	8.89E-05	2.08E-04	4.28E-05
7757	625026.74	4266261.21	0.0013605	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04	4.32E-05
7758	625022.93	4266270	0.001371	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.12E-04	4.35E-05
7759	625019.12	4266278.78	0.001381	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04	4.38E-05
7760	625015.3	4266287.57	0.0013904	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.15E-04	4.41E-05
7761	625011.49	4266296.35	0.001399	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.22E-05	2.16E-04	4.44E-05
7762	624986.05	4266320.93	0.0015074	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.93E-05	2.33E-04	4.78E-05
7763	624977.14	4266324.44	0.0015554	5.35E-04	1.30E-03	4.00E-04	3.08E-04	1.02E-04	2.40E-04	4.94E-05
7764	624968.23	4266327.95	0.0016035	5.51E-04	1.34E-03	4.13E-04	3.17E-04	1.06E-04	2.47E-04	5.09E-05
7765	624959.32	4266331.46	0.0016515	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
7766	624950.41	4266334.97	0.0016988	5.84E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.39E-05
7767	624941.5	4266338.48	0.0017452	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.54E-05
7768	624932.59	4266341.99	0.0017903	6.16E-04	1.50E-03	4.61E-04	3.54E-04	1.18E-04	2.76E-04	5.68E-05
7769	624923.68	4266345.49	0.0018337	6.31E-04	1.53E-03	4.72E-04	3.63E-04	1.21E-04	2.83E-04	5.82E-05
7770	624896.96	4266356.02	0.0019497	6.70E-04	1.63E-03	5.02E-04	3.86E-04	1.28E-04	3.01E-04	6.19E-05
7771	624888.05	4266359.53	0.0019824	6.82E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04	6.29E-05
7772	624879.14	4266363.04	0.0020116	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.10E-04	6.38E-05
7773	624870.23	4266366.55	0.0020372	7.01E-04	1.70E-03	5.25E-04	4.03E-04	1.34E-04	3.14E-04	6.47E-05
7774	624861.32	4266370.06	0.0020591	7.08E-04	1.72E-03	5.30E-04	4.08E-04	1.36E-04	3.18E-04	6.53E-05
7775	625072.65	4266145.88	0.0012022	4.13E-04	1.00E-03	3.10E-04	2.38E-04	7.92E-05	1.86E-04	3.82E-05
7776	625072.82	4266135.95	0.0012047	4.14E-04	1.01E-03	3.10E-04	2.38E-04	7.94E-05	1.86E-04	3.82E-05
7777	625072.98	4266126.01	0.0012073	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04	3.83E-05
7778	625073.14	4266116.08	0.0012102	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.97E-05	1.87E-04	3.84E-05
7779	625073.31	4266106.15	0.0012134	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05
7780	625073.47	4266096.21	0.0012177	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.02E-05	1.88E-04	3.86E-05
7781	625073.63	4266086.28	0.0012226	4.20E-04	1.02E-03	3.15E-04	2.42E-04	8.06E-05	1.89E-04	3.88E-05
7782	625073.8	4266076.35	0.001228	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.09E-05	1.89E-04	3.90E-05
7783	625073.96	4266066.41	0.0012332	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
7784	625074.12	4266056.48	0.0012386	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04	3.93E-05
7785	625074.29	4266046.55	0.0012443	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.20E-05	1.92E-04	3.95E-05
7786	625074.45	4266036.61	0.0012504	4.30E-04	1.05E-03	3.22E-04	2.48E-04	8.24E-05	1.93E-04	3.97E-05
7787	625074.62	4266026.68	0.0012566	4.32E-04	1.05E-03	3.24E-04	2.49E-04	8.28E-05	1.94E-04	3.99E-05
7788	625074.78	4266016.75	0.001263	4.34E-04	1.06E-03	3.25E-04	2.50E-04	8.32E-05	1.95E-04	4.01E-05
7789	625074.94	4266006.81	0.0012696	4.37E-04	1.06E-03	3.27E-04	2.51E-04	8.36E-05	1.96E-04	4.03E-05
7790	625075.11	4265996.88	0.0012762	4.39E-04	1.07E-03	3.29E-04	2.53E-04	8.41E-05	1.97E-04	4.05E-05
7791	625075.27	4265986.95	0.0012828	4.41E-04	1.07E-03	3.30E-04	2.54E-04	8.45E-05	1.98E-04	4.07E-05
7792	625075.43	4265977.01	0.00129	4.44E-04	1.08E-03	3.32E-04	2.55E-04	8.50E-05	1.99E-04	4.09E-05
7793	625075.6	4265967.08	0.0012973	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.55E-05	2.00E-04	4.12E-05
7794	625075.76	4265957.15	0.0013044	4.49E-04	1.09E-03	3.36E-04	2.58E-04	8.59E-05	2.01E-04	4.14E-05
7795	625075.92	4265947.21	0.0013108	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.64E-05	2.02E-04	4.16E-05
7796	625076.09	4265937.28	0.0013168	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04	4.18E-05
7797	625076.25	4265927.35	0.0013227	4.55E-04	1.11E-03	3.41E-04	2.62E-04	8.71E-05	2.04E-04	4.20E-05
7798	625076.41	4265917.41	0.0013284	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04	4.22E-05
7799	625076.58	4265907.48	0.0013337	4.59E-04	1.11E-03	3.43E-04	2.64E-04	8.79E-05	2.06E-04	4.23E-05
7800	625076.74	4265897.55	0.0013387	4.60E-04	1.12E-03	3.45E-04	2.65E-04	8.82E-05	2.07E-04	4.25E-05
7801	625076.91	4265887.61	0.0013435	4.62E-04	1.12E-03	3.46E-04	2.66E-04	8.85E-05	2.07E-04	4.26E-05
7802	625077.07	4265877.68	0.0013479	4.63E-04	1.13E-03	3.47E-04	2.67E-04	8.88E-05	2.08E-04	4.28E-05
7803	625077.23	4265867.75	0.0013518	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.91E-05	2.09E-04	4.29E-05
7804	625077.4	4265857.81	0.0013556	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.93E-05	2.09E-04	4.30E-05
7805	625077.56	4265847.88	0.0013591	4.67E-04	1.14E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04	4.31E-05
7806	625077.72	4265837.95	0.001362	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04	4.32E-05

7807	625077.89	4265828.01	0.0013638	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.10E-04	4.33E-05
7808	625078.05	4265818.08	0.0013649	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.11E-04	4.33E-05
7809	625078.21	4265808.15	0.0013653	4.70E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04	4.33E-05
7810	625078.38	4265798.21	0.0013653	4.69E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04	4.33E-05
7811	625078.54	4265788.28	0.0013648	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.11E-04	4.33E-05
7812	625078.7	4265778.35	0.0013641	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.10E-04	4.33E-05
7813	625078.87	4265768.41	0.0013632	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.33E-05
7814	625079.03	4265758.48	0.0013624	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.32E-05
7815	625079.19	4265748.55	0.0013618	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04	4.32E-05
7816	625079.36	4265738.61	0.0013615	4.68E-04	1.14E-03	3.51E-04	2.69E-04	8.97E-05	2.10E-04	4.32E-05
7817	625079.52	4265728.68	0.0013617	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04	4.32E-05
7818	625079.69	4265718.75	0.0013621	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04	4.32E-05
7819	625079.85	4265708.81	0.0013628	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.32E-05
7820	625080.01	4265698.88	0.0013634	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.33E-05
7821	625080.18	4265688.95	0.0013637	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.33E-05
7822	625080.34	4265679.01	0.0013634	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.33E-05
7823	625047.92	4266270.41	0.0012296	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05
7824	625044.11	4266279.19	0.0012391	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04	3.93E-05
7825	625040.3	4266287.98	0.0012483	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.93E-04	3.96E-05
7826	625036.49	4266296.76	0.0012571	4.32E-04	1.05E-03	3.24E-04	2.49E-04	8.28E-05	1.94E-04	3.99E-05
7827	625032.67	4266305.54	0.0012655	4.35E-04	1.06E-03	3.26E-04	2.50E-04	8.34E-05	1.95E-04	4.02E-05
7828	625028.86	4266314.33	0.0012732	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.39E-05	1.96E-04	4.04E-05
7829	625025.05	4266323.11	0.0012801	4.40E-04	1.07E-03	3.30E-04	2.53E-04	8.43E-05	1.98E-04	4.06E-05
7830	625012.33	4266335.4	0.0013265	4.56E-04	1.11E-03	3.42E-04	2.63E-04	8.74E-05	2.05E-04	4.21E-05
7831	624976.69	4266349.44	0.0014917	5.13E-04	1.25E-03	3.84E-04	2.95E-04	9.83E-05	2.30E-04	4.73E-05
7832	624967.78	4266352.95	0.0015327	5.27E-04	1.28E-03	3.95E-04	3.03E-04	1.01E-04	2.37E-04	4.86E-05
7833	624958.87	4266356.46	0.001573	5.41E-04	1.31E-03	4.05E-04	3.11E-04	1.04E-04	2.43E-04	4.99E-05
7834	624949.96	4266359.96	0.0016123	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04	5.12E-05
7835	624941.06	4266363.47	0.0016504	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
7836	624932.15	4266366.98	0.0016871	5.80E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04	5.35E-05
7837	624923.24	4266370.49	0.001722	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04	5.46E-05
7838	624860.87	4266395.05	0.0018951	6.52E-04	1.58E-03	4.88E-04	3.75E-04	1.25E-04	2.92E-04	6.01E-05
7839	624851.97	4266398.56	0.0019081	6.56E-04	1.59E-03	4.91E-04	3.78E-04	1.26E-04	2.94E-04	6.06E-05
7840	625097.65	4266146.29	0.0010791	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04	3.42E-05
7841	625097.81	4266136.36	0.0010806	3.72E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
7842	625097.98	4266126.43	0.0010826	3.72E-04	9.05E-04	2.79E-04	2.14E-04	7.13E-05	1.67E-04	3.44E-05
7843	625098.14	4266116.49	0.001085	3.73E-04	9.07E-04	2.79E-04	2.15E-04	7.15E-05	1.67E-04	3.44E-05
7844	625098.3	4266106.56	0.0010877	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.17E-05	1.68E-04	3.45E-05
7845	625098.47	4266096.63	0.0010904	3.75E-04	9.11E-04	2.81E-04	2.16E-04	7.18E-05	1.68E-04	3.46E-05
7846	625098.63	4266086.69	0.0010936	3.76E-04	9.14E-04	2.82E-04	2.16E-04	7.21E-05	1.69E-04	3.47E-05
7847	625098.79	4266076.76	0.0010972	3.77E-04	9.17E-04	2.82E-04	2.17E-04	7.23E-05	1.69E-04	3.48E-05
7848	625098.96	4266066.83	0.0011011	3.79E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
7849	625099.12	4266056.89	0.0011054	3.80E-04	9.24E-04	2.85E-04	2.19E-04	7.28E-05	1.71E-04	3.51E-05
7850	625099.29	4266046.96	0.00111	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.31E-05	1.71E-04	3.52E-05
7851	625099.45	4266037.03	0.001115	3.83E-04	9.32E-04	2.87E-04	2.21E-04	7.35E-05	1.72E-04	3.54E-05
7852	625099.61	4266027.09	0.0011203	3.85E-04	9.36E-04	2.88E-04	2.22E-04	7.38E-05	1.73E-04	3.56E-05
7853	625099.78	4266017.16	0.0011258	3.87E-04	9.41E-04	2.90E-04	2.23E-04	7.42E-05	1.74E-04	3.57E-05
7854	625099.94	4266007.23	0.0011321	3.89E-04	9.46E-04	2.91E-04	2.24E-04	7.46E-05	1.75E-04	3.59E-05
7855	625100.1	4265997.29	0.0011385	3.92E-04	9.52E-04	2.93E-04	2.25E-04	7.50E-05	1.76E-04	3.61E-05
7856	625100.27	4265987.36	0.0011451	3.94E-04	9.57E-04	2.95E-04	2.27E-04	7.54E-05	1.77E-04	3.63E-05
7857	625100.43	4265977.43	0.0011512	3.96E-04	9.62E-04	2.96E-04	2.28E-04	7.59E-05	1.78E-04	3.65E-05
7858	625100.59	4265967.49	0.0011573	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.79E-04	3.67E-05
7859	625100.76	4265957.56	0.0011632	4.00E-04	9.72E-04	2.99E-04	2.30E-04	7.66E-05	1.79E-04	3.69E-05
7860	625100.92	4265947.63	0.001169	4.02E-04	9.77E-04	3.01E-04	2.31E-04	7.70E-05	1.80E-04	3.71E-05
7861	625101.08	4265937.69	0.0011747	4.04E-04	9.82E-04	3.02E-04	2.33E-04	7.74E-05	1.81E-04	3.73E-05

7862	625101.25	4265927.76	0.0011802	4.06E-04	9.86E-04	3.04E-04	2.34E-04	7.78E-05	1.82E-04	3.75E-05
7863	625101.41	4265917.83	0.0011855	4.08E-04	9.91E-04	3.05E-04	2.35E-04	7.81E-05	1.83E-04	3.76E-05
7864	625101.57	4265907.89	0.0011907	4.09E-04	9.95E-04	3.07E-04	2.36E-04	7.84E-05	1.84E-04	3.78E-05
7865	625101.74	4265897.96	0.0011955	4.11E-04	9.99E-04	3.08E-04	2.37E-04	7.88E-05	1.84E-04	3.79E-05
7866	625101.9	4265888.03	0.0012005	4.13E-04	1.00E-03	3.09E-04	2.38E-04	7.91E-05	1.85E-04	3.81E-05
7867	625102.07	4265878.09	0.0012052	4.14E-04	1.01E-03	3.10E-04	2.39E-04	7.94E-05	1.86E-04	3.82E-05
7868	625102.23	4265868.16	0.0012096	4.16E-04	1.01E-03	3.11E-04	2.39E-04	7.97E-05	1.87E-04	3.84E-05
7869	625102.39	4265858.23	0.0012131	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05
7870	625102.56	4265848.29	0.0012157	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04	3.86E-05
7871	625102.72	4265838.36	0.0012179	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.02E-05	1.88E-04	3.87E-05
7872	625102.88	4265828.43	0.0012195	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.04E-05	1.88E-04	3.87E-05
7873	625103.05	4265818.49	0.0012206	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
7874	625103.21	4265808.56	0.0012212	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04	3.88E-05
7875	625103.37	4265798.63	0.0012214	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04	3.88E-05
7876	625103.54	4265788.69	0.0012213	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04	3.88E-05
7877	625103.7	4265778.76	0.001221	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
7878	625103.86	4265768.83	0.0012207	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
7879	625104.03	4265758.89	0.0012206	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
7880	625104.19	4265748.96	0.0012208	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
7881	625104.35	4265739.03	0.0012214	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04	3.88E-05
7882	625104.52	4265729.09	0.0012223	4.20E-04	1.02E-03	3.15E-04	2.42E-04	8.05E-05	1.89E-04	3.88E-05
7883	625104.68	4265719.16	0.0012236	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.06E-05	1.89E-04	3.88E-05
7884	625104.85	4265709.23	0.0012251	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.07E-05	1.89E-04	3.89E-05
7885	625105.01	4265699.29	0.0012266	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
7886	625105.17	4265689.36	0.0012279	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.09E-05	1.89E-04	3.90E-05
7887	625105.34	4265679.43	0.0012287	4.23E-04	1.03E-03	3.16E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05
7888	625046.23	4266332.31	0.001165	4.01E-04	9.74E-04	3.00E-04	2.31E-04	7.68E-05	1.80E-04	3.70E-05
7889	625042.42	4266341.09	0.0011714	4.03E-04	9.79E-04	3.02E-04	2.32E-04	7.72E-05	1.81E-04	3.72E-05
7890	625029.7	4266353.38	0.0012121	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05
7891	625020.79	4266356.89	0.0012478	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.93E-04	3.96E-05
7892	625011.88	4266360.4	0.0012838	4.41E-04	1.07E-03	3.31E-04	2.54E-04	8.46E-05	1.98E-04	4.07E-05
7893	625002.97	4266363.91	0.00132	4.54E-04	1.10E-03	3.40E-04	2.61E-04	8.70E-05	2.04E-04	4.19E-05
7894	624994.06	4266367.42	0.001356	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.93E-05	2.09E-04	4.30E-05
7895	624985.15	4266370.93	0.0013918	4.79E-04	1.16E-03	3.58E-04	2.75E-04	9.17E-05	2.15E-04	4.42E-05
7896	624976.25	4266374.43	0.001427	4.91E-04	1.19E-03	3.67E-04	2.82E-04	9.40E-05	2.20E-04	4.53E-05
7897	624967.34	4266377.94	0.0014616	5.03E-04	1.22E-03	3.76E-04	2.89E-04	9.63E-05	2.26E-04	4.64E-05
7898	624958.43	4266381.45	0.0014952	5.14E-04	1.25E-03	3.85E-04	2.96E-04	9.85E-05	2.31E-04	4.75E-05
7899	624949.52	4266384.96	0.0015278	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
7900	624940.61	4266388.47	0.0015592	5.36E-04	1.30E-03	4.01E-04	3.09E-04	1.03E-04	2.41E-04	4.95E-05
7901	624931.7	4266391.98	0.0015889	5.46E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04	5.04E-05
7902	624922.79	4266395.49	0.001617	5.56E-04	1.35E-03	4.16E-04	3.20E-04	1.07E-04	2.50E-04	5.13E-05
7903	624913.88	4266399	0.001643	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.54E-04	5.21E-05
7904	624904.97	4266402.5	0.0016669	5.73E-04	1.39E-03	4.29E-04	3.30E-04	1.10E-04	2.57E-04	5.29E-05
7905	624896.06	4266406.01	0.0016884	5.81E-04	1.41E-03	4.35E-04	3.34E-04	1.11E-04	2.61E-04	5.36E-05
7906	624887.16	4266409.52	0.0017074	5.87E-04	1.43E-03	4.40E-04	3.38E-04	1.12E-04	2.63E-04	5.42E-05
7907	624878.25	4266413.03	0.001724	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
7908	624869.34	4266416.54	0.001738	5.98E-04	1.45E-03	4.47E-04	3.44E-04	1.15E-04	2.68E-04	5.52E-05
7909	624860.43	4266420.05	0.0017494	6.02E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
7910	624851.52	4266423.56	0.0017584	6.05E-04	1.47E-03	4.53E-04	3.48E-04	1.16E-04	2.71E-04	5.58E-05
7911	625122.65	4266146.7	0.00097604	3.36E-04	8.16E-04	2.51E-04	1.93E-04	6.43E-05	1.51E-04	3.10E-05
7912	625122.81	4266136.77	0.00097725	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04	3.10E-05
7913	625122.97	4266126.84	0.00097845	3.36E-04	8.18E-04	2.52E-04	1.94E-04	6.45E-05	1.51E-04	3.11E-05
7914	625123.14	4266116.9	0.00097978	3.37E-04	8.19E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
7915	625123.3	4266106.97	0.00098141	3.37E-04	8.20E-04	2.53E-04	1.94E-04	6.47E-05	1.51E-04	3.11E-05
7916	625123.46	4266097.04	0.00098333	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04	3.12E-05

7917	625123.63	4266087.1	0.0009856	3.39E-04	8.24E-04	2.54E-04	1.95E-04	6.49E-05	1.52E-04	3.13E-05
7918	625123.79	4266077.17	0.00098836	3.40E-04	8.26E-04	2.54E-04	1.96E-04	6.51E-05	1.53E-04	3.14E-05
7919	625123.95	4266067.24	0.00099157	3.41E-04	8.29E-04	2.55E-04	1.96E-04	6.53E-05	1.53E-04	3.15E-05
7920	625124.12	4266057.3	0.00099513	3.42E-04	8.32E-04	2.56E-04	1.97E-04	6.56E-05	1.54E-04	3.16E-05
7921	625124.28	4266047.37	0.00099912	3.44E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
7922	625124.45	4266037.44	0.0010034	3.45E-04	8.39E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04	3.18E-05
7923	625124.61	4266027.5	0.001008	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04	3.20E-05
7924	625124.77	4266017.57	0.0010129	3.48E-04	8.47E-04	2.61E-04	2.00E-04	6.67E-05	1.56E-04	3.21E-05
7925	625124.94	4266007.64	0.0010183	3.50E-04	8.51E-04	2.62E-04	2.02E-04	6.71E-05	1.57E-04	3.23E-05
7926	625125.1	4265997.7	0.0010242	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04	3.25E-05
7927	625125.26	4265987.77	0.0010302	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04	3.27E-05
7928	625125.43	4265977.84	0.0010357	3.56E-04	8.66E-04	2.67E-04	2.05E-04	6.82E-05	1.60E-04	3.29E-05
7929	625125.59	4265967.9	0.0010411	3.58E-04	8.70E-04	2.68E-04	2.06E-04	6.86E-05	1.61E-04	3.30E-05
7930	625125.75	4265957.97	0.0010466	3.60E-04	8.75E-04	2.69E-04	2.07E-04	6.90E-05	1.61E-04	3.32E-05
7931	625125.92	4265948.04	0.0010519	3.62E-04	8.79E-04	2.71E-04	2.08E-04	6.93E-05	1.62E-04	3.34E-05
7932	625126.08	4265938.1	0.0010572	3.64E-04	8.84E-04	2.72E-04	2.09E-04	6.97E-05	1.63E-04	3.35E-05
7933	625126.24	4265928.17	0.0010623	3.65E-04	8.88E-04	2.73E-04	2.10E-04	7.00E-05	1.64E-04	3.37E-05
7934	625126.41	4265918.24	0.0010672	3.67E-04	8.92E-04	2.75E-04	2.11E-04	7.03E-05	1.65E-04	3.39E-05
7935	625126.57	4265908.3	0.001072	3.69E-04	8.96E-04	2.76E-04	2.12E-04	7.06E-05	1.65E-04	3.40E-05
7936	625126.73	4265898.37	0.0010764	3.70E-04	9.00E-04	2.77E-04	2.13E-04	7.09E-05	1.66E-04	3.42E-05
7937	625126.9	4265888.44	0.001081	3.72E-04	9.04E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
7938	625127.06	4265878.5	0.0010854	3.73E-04	9.07E-04	2.79E-04	2.15E-04	7.15E-05	1.67E-04	3.44E-05
7939	625127.23	4265868.57	0.0010894	3.75E-04	9.11E-04	2.80E-04	2.16E-04	7.18E-05	1.68E-04	3.46E-05
7940	625127.39	4265858.64	0.0010926	3.76E-04	9.13E-04	2.81E-04	2.16E-04	7.20E-05	1.69E-04	3.47E-05
7941	625127.55	4265848.7	0.001095	3.77E-04	9.15E-04	2.82E-04	2.17E-04	7.21E-05	1.69E-04	3.48E-05
7942	625127.72	4265838.77	0.001097	3.77E-04	9.17E-04	2.82E-04	2.17E-04	7.23E-05	1.69E-04	3.48E-05
7943	625127.88	4265828.84	0.0010985	3.78E-04	9.18E-04	2.83E-04	2.17E-04	7.24E-05	1.70E-04	3.49E-05
7944	625128.04	4265818.9	0.0010995	3.78E-04	9.19E-04	2.83E-04	2.18E-04	7.24E-05	1.70E-04	3.49E-05
7945	625128.21	4265808.97	0.0011001	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
7946	625128.37	4265799.04	0.0011005	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
7947	625128.53	4265789.1	0.0011006	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
7948	625128.7	4265779.17	0.0011007	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
7949	625128.86	4265769.24	0.0011008	3.79E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
7950	625129.02	4265759.3	0.0011013	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.49E-05
7951	625129.19	4265749.37	0.001102	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.50E-05
7952	625129.35	4265739.44	0.0011031	3.79E-04	9.22E-04	2.84E-04	2.18E-04	7.27E-05	1.70E-04	3.50E-05
7953	625129.52	4265729.5	0.0011046	3.80E-04	9.23E-04	2.84E-04	2.19E-04	7.28E-05	1.70E-04	3.51E-05
7954	625129.68	4265719.57	0.0011064	3.80E-04	9.25E-04	2.85E-04	2.19E-04	7.29E-05	1.71E-04	3.51E-05
7955	625129.84	4265709.64	0.0011084	3.81E-04	9.26E-04	2.85E-04	2.19E-04	7.30E-05	1.71E-04	3.52E-05
7956	625130.01	4265699.7	0.0011104	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.32E-05	1.71E-04	3.52E-05
7957	625130.17	4265689.77	0.0011123	3.82E-04	9.30E-04	2.86E-04	2.20E-04	7.33E-05	1.72E-04	3.53E-05
7958	625130.33	4265679.84	0.0011139	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04	3.54E-05
7959	625047.07	4266371.36	0.0011132	3.83E-04	9.30E-04	2.87E-04	2.20E-04	7.33E-05	1.72E-04	3.53E-05
7960	625038.16	4266374.87	0.0011445	3.94E-04	9.57E-04	2.95E-04	2.27E-04	7.54E-05	1.77E-04	3.63E-05
7961	625029.25	4266378.38	0.0011762	4.04E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.81E-04	3.73E-05
7962	625020.34	4266381.89	0.0012079	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.96E-05	1.86E-04	3.83E-05
7963	625011.44	4266385.39	0.0012395	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.17E-05	1.91E-04	3.93E-05
7964	625002.53	4266388.9	0.001271	4.37E-04	1.06E-03	3.27E-04	2.52E-04	8.37E-05	1.96E-04	4.03E-05
7965	624993.62	4266392.41	0.0013021	4.48E-04	1.09E-03	3.35E-04	2.58E-04	8.58E-05	2.01E-04	4.13E-05
7966	624984.71	4266395.92	0.0013326	4.58E-04	1.11E-03	3.43E-04	2.64E-04	8.78E-05	2.06E-04	4.23E-05
7967	624975.8	4266399.43	0.0013624	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.32E-05
7968	624966.89	4266402.94	0.0013915	4.79E-04	1.16E-03	3.58E-04	2.75E-04	9.17E-05	2.15E-04	4.42E-05
7969	624957.98	4266406.45	0.0014196	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.35E-05	2.19E-04	4.51E-05
7970	624949.07	4266409.96	0.0014466	4.97E-04	1.21E-03	3.72E-04	2.86E-04	9.53E-05	2.23E-04	4.59E-05
7971	624940.16	4266413.47	0.0014722	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.70E-05	2.27E-04	4.67E-05

7972	624931.25	4266416.97	0.0014964	5.15E-04	1.25E-03	3.85E-04	2.96E-04	9.86E-05	2.31E-04	4.75E-05
7973	624922.35	4266420.48	0.0015188	5.22E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.34E-04	4.82E-05
7974	624913.44	4266423.99	0.0015393	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.38E-04	4.89E-05
7975	624904.53	4266427.5	0.0015579	5.36E-04	1.30E-03	4.01E-04	3.08E-04	1.03E-04	2.40E-04	4.94E-05
7976	624895.62	4266431.01	0.0015745	5.41E-04	1.32E-03	4.05E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
7977	624886.71	4266434.52	0.0015889	5.46E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04	5.04E-05
7978	624877.8	4266438.03	0.0016012	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04	5.08E-05
7979	624868.89	4266441.54	0.0016112	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04	5.11E-05
7980	624859.98	4266445.04	0.0016193	5.57E-04	1.35E-03	4.17E-04	3.21E-04	1.07E-04	2.50E-04	5.14E-05
7981	624851.07	4266448.55	0.0016253	5.59E-04	1.36E-03	4.18E-04	3.22E-04	1.07E-04	2.51E-04	5.16E-05
7982	625147.64	4266147.12	0.00088848	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
7983	625147.81	4266137.18	0.0008892	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
7984	625147.97	4266127.25	0.00088977	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
7985	625148.13	4266117.32	0.00089049	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04	2.83E-05
7986	625148.3	4266107.38	0.00089152	3.07E-04	7.45E-04	2.30E-04	1.76E-04	5.87E-05	1.38E-04	2.83E-05
7987	625148.46	4266097.45	0.00089296	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
7988	625148.62	4266087.52	0.00089482	3.08E-04	7.48E-04	2.30E-04	1.77E-04	5.90E-05	1.38E-04	2.84E-05
7989	625148.79	4266077.58	0.00089709	3.08E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.38E-04	2.85E-05
7990	625148.95	4266067.65	0.00090005	3.10E-04	7.52E-04	2.32E-04	1.78E-04	5.93E-05	1.39E-04	2.86E-05
7991	625149.11	4266057.72	0.00090343	3.11E-04	7.55E-04	2.33E-04	1.79E-04	5.95E-05	1.39E-04	2.87E-05
7992	625149.28	4266047.78	0.00090713	3.12E-04	7.58E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04	2.88E-05
7993	625149.44	4266037.85	0.00091104	3.13E-04	7.61E-04	2.35E-04	1.80E-04	6.00E-05	1.41E-04	2.89E-05
7994	625149.61	4266027.92	0.00091508	3.15E-04	7.65E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.90E-05
7995	625149.77	4266017.98	0.00091942	3.16E-04	7.68E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04	2.92E-05
7996	625149.93	4266008.05	0.0009241	3.18E-04	7.72E-04	2.38E-04	1.83E-04	6.09E-05	1.43E-04	2.93E-05
7997	625150.1	4265998.12	0.00092903	3.19E-04	7.77E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
7998	625150.26	4265988.18	0.00093414	3.21E-04	7.81E-04	2.41E-04	1.85E-04	6.15E-05	1.44E-04	2.96E-05
7999	625150.42	4265978.25	0.00093911	3.23E-04	7.85E-04	2.42E-04	1.86E-04	6.19E-05	1.45E-04	2.98E-05
8000	625150.59	4265968.32	0.00094399	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	3.00E-05
8001	625150.75	4265958.38	0.00094895	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
8002	625150.91	4265948.45	0.00095383	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.28E-05	1.47E-04	3.03E-05
8003	625151.08	4265938.52	0.00095859	3.30E-04	8.01E-04	2.47E-04	1.90E-04	6.32E-05	1.48E-04	3.04E-05
8004	625151.24	4265928.58	0.00096327	3.31E-04	8.05E-04	2.48E-04	1.91E-04	6.35E-05	1.49E-04	3.06E-05
8005	625151.4	4265918.65	0.00096801	3.33E-04	8.09E-04	2.49E-04	1.92E-04	6.38E-05	1.49E-04	3.07E-05
8006	625151.57	4265908.72	0.0009726	3.34E-04	8.13E-04	2.50E-04	1.93E-04	6.41E-05	1.50E-04	3.09E-05
8007	625151.73	4265898.78	0.00097696	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04	3.10E-05
8008	625151.89	4265888.85	0.00098098	3.37E-04	8.20E-04	2.53E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
8009	625152.06	4265878.92	0.00098454	3.39E-04	8.23E-04	2.53E-04	1.95E-04	6.49E-05	1.52E-04	3.12E-05
8010	625152.22	4265868.98	0.00098775	3.40E-04	8.26E-04	2.54E-04	1.96E-04	6.51E-05	1.52E-04	3.13E-05
8011	625152.39	4265859.05	0.00099042	3.41E-04	8.28E-04	2.55E-04	1.96E-04	6.53E-05	1.53E-04	3.14E-05
8012	625152.55	4265849.12	0.00099258	3.41E-04	8.30E-04	2.56E-04	1.96E-04	6.54E-05	1.53E-04	3.15E-05
8013	625152.71	4265839.18	0.00099433	3.42E-04	8.31E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04	3.16E-05
8014	625152.88	4265829.25	0.00099562	3.42E-04	8.32E-04	2.56E-04	1.97E-04	6.56E-05	1.54E-04	3.16E-05
8015	625153.04	4265819.32	0.00099656	3.43E-04	8.33E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.16E-05
8016	625153.2	4265809.38	0.00099722	3.43E-04	8.34E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.16E-05
8017	625153.37	4265799.45	0.00099763	3.43E-04	8.34E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.17E-05
8018	625153.53	4265789.52	0.00099797	3.43E-04	8.34E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
8019	625153.69	4265779.58	0.00099834	3.43E-04	8.34E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
8020	625153.86	4265769.65	0.00099886	3.43E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
8021	625154.02	4265759.72	0.00099966	3.44E-04	8.36E-04	2.57E-04	1.98E-04	6.59E-05	1.54E-04	3.17E-05
8022	625154.18	4265749.78	0.0010008	3.44E-04	8.37E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04	3.18E-05
8023	625154.35	4265739.85	0.0010023	3.45E-04	8.38E-04	2.58E-04	1.98E-04	6.60E-05	1.55E-04	3.18E-05
8024	625154.51	4265729.92	0.0010042	3.45E-04	8.39E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
8025	625154.68	4265719.98	0.0010064	3.46E-04	8.41E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04	3.19E-05
8026	625154.84	4265710.05	0.0010089	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.20E-05

8027	625155	4265700.12	0.0010116	3.48E-04	8.46E-04	2.60E-04	2.00E-04	6.67E-05	1.56E-04	3.21E-05
8028	625155.17	4265690.18	0.0010142	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.68E-05	1.56E-04	3.22E-05
8029	625155.33	4265680.25	0.0010163	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04	3.23E-05
8030	625185.61	4266185.2	0.00077494	2.66E-04	6.48E-04	2.00E-04	1.53E-04	5.11E-05	1.20E-04	2.46E-05
8031	625181.66	4266194.31	0.00078341	2.69E-04	6.55E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.49E-05
8032	625177.7	4266203.42	0.0007915	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
8033	625173.75	4266212.52	0.00079913	2.75E-04	6.68E-04	2.06E-04	1.58E-04	5.27E-05	1.23E-04	2.54E-05
8034	625169.8	4266221.63	0.00080631	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.31E-05	1.24E-04	2.56E-05
8035	625165.84	4266230.74	0.00081308	2.80E-04	6.80E-04	2.09E-04	1.61E-04	5.36E-05	1.25E-04	2.58E-05
8036	625161.89	4266239.85	0.00081934	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.26E-04	2.60E-05
8037	625157.94	4266248.96	0.00082525	2.84E-04	6.90E-04	2.12E-04	1.63E-04	5.44E-05	1.27E-04	2.62E-05
8038	625153.98	4266258.07	0.00083091	2.86E-04	6.95E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04	2.64E-05
8039	625150.03	4266267.18	0.00083627	2.88E-04	6.99E-04	2.15E-04	1.66E-04	5.51E-05	1.29E-04	2.65E-05
8040	625146.08	4266276.29	0.00084184	2.89E-04	7.04E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04	2.67E-05
8041	625142.12	4266285.39	0.00084767	2.91E-04	7.09E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04	2.69E-05
8042	625106.54	4266367.37	0.00090561	3.11E-04	7.57E-04	2.33E-04	1.79E-04	5.97E-05	1.40E-04	2.87E-05
8043	625102.59	4266376.48	0.00091153	3.13E-04	7.62E-04	2.35E-04	1.80E-04	6.01E-05	1.41E-04	2.89E-05
8044	625098.63	4266385.59	0.00091709	3.15E-04	7.67E-04	2.36E-04	1.82E-04	6.04E-05	1.42E-04	2.91E-05
8045	625094.68	4266394.7	0.00092217	3.17E-04	7.71E-04	2.37E-04	1.83E-04	6.08E-05	1.42E-04	2.93E-05
8046	625081.49	4266407.45	0.00095205	3.27E-04	7.96E-04	2.45E-04	1.88E-04	6.27E-05	1.47E-04	3.02E-05
8047	625072.25	4266411.08	0.00097768	3.36E-04	8.17E-04	2.52E-04	1.94E-04	6.44E-05	1.51E-04	3.10E-05
8048	625063.01	4266414.72	0.0010035	3.45E-04	8.39E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04	3.18E-05
8049	625053.77	4266418.36	0.0010293	3.54E-04	8.60E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04	3.27E-05
8050	625044.53	4266422	0.0010552	3.63E-04	8.82E-04	2.72E-04	2.09E-04	6.95E-05	1.63E-04	3.35E-05
8051	625035.29	4266425.64	0.0010809	3.72E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
8052	625026.05	4266429.28	0.0011063	3.80E-04	9.25E-04	2.85E-04	2.19E-04	7.29E-05	1.71E-04	3.51E-05
8053	625016.81	4266432.92	0.0011313	3.89E-04	9.46E-04	2.91E-04	2.24E-04	7.45E-05	1.75E-04	3.59E-05
8054	625007.57	4266436.56	0.0011558	3.97E-04	9.66E-04	2.98E-04	2.29E-04	7.62E-05	1.78E-04	3.67E-05
8055	624998.33	4266440.2	0.0011798	4.06E-04	9.86E-04	3.04E-04	2.34E-04	7.77E-05	1.82E-04	3.74E-05
8056	624989.1	4266443.83	0.0012031	4.14E-04	1.01E-03	3.10E-04	2.38E-04	7.93E-05	1.86E-04	3.82E-05
8057	624979.86	4266447.47	0.0012256	4.21E-04	1.02E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
8058	624970.62	4266451.11	0.0012472	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.92E-04	3.96E-05
8059	624961.38	4266454.75	0.0012679	4.36E-04	1.06E-03	3.26E-04	2.51E-04	8.35E-05	1.96E-04	4.02E-05
8060	624952.14	4266458.39	0.0012873	4.43E-04	1.08E-03	3.31E-04	2.55E-04	8.48E-05	1.99E-04	4.09E-05
8061	624942.9	4266462.03	0.0013055	4.49E-04	1.09E-03	3.36E-04	2.58E-04	8.60E-05	2.01E-04	4.14E-05
8062	624933.66	4266465.67	0.0013222	4.55E-04	1.11E-03	3.40E-04	2.62E-04	8.71E-05	2.04E-04	4.20E-05
8063	624924.42	4266469.31	0.0013374	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04	4.24E-05
8064	624915.18	4266472.94	0.001351	4.65E-04	1.13E-03	3.48E-04	2.67E-04	8.90E-05	2.08E-04	4.29E-05
8065	624905.94	4266476.58	0.0013629	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.33E-05
8066	624896.7	4266480.22	0.0013731	4.72E-04	1.15E-03	3.54E-04	2.72E-04	9.05E-05	2.12E-04	4.36E-05
8067	624887.47	4266483.86	0.0013815	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04	4.38E-05
8068	624878.23	4266487.5	0.0013883	4.77E-04	1.16E-03	3.57E-04	2.75E-04	9.15E-05	2.14E-04	4.41E-05
8069	624868.99	4266491.14	0.0013935	4.79E-04	1.16E-03	3.59E-04	2.76E-04	9.18E-05	2.15E-04	4.42E-05
8070	624859.75	4266494.78	0.0013971	4.80E-04	1.17E-03	3.60E-04	2.77E-04	9.20E-05	2.16E-04	4.43E-05
8071	624850.51	4266498.42	0.0013993	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.22E-05	2.16E-04	4.44E-05
8072	625197.64	4266147.94	0.00074833	2.57E-04	6.25E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04	2.37E-05
8073	625197.8	4266138	0.00074845	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04	2.38E-05
8074	625197.96	4266128.07	0.00074871	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.16E-04	2.38E-05
8075	625198.13	4266118.14	0.00074914	2.58E-04	6.26E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04	2.38E-05
8076	625198.29	4266108.2	0.00074991	2.58E-04	6.27E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04	2.38E-05
8077	625198.45	4266098.27	0.00075118	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
8078	625198.62	4266088.34	0.00075293	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04	2.39E-05
8079	625198.78	4266078.4	0.00075502	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.97E-05	1.17E-04	2.40E-05
8080	625198.94	4266068.47	0.00075726	2.60E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.40E-05
8081	625199.11	4266058.54	0.00075964	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05

8082	625199.27	4266048.6	0.0007624	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
8083	625199.44	4266038.67	0.00076538	2.63E-04	6.40E-04	1.97E-04	1.51E-04	5.04E-05	1.18E-04	2.43E-05
8084	625199.6	4266028.74	0.00076863	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.19E-04	2.44E-05
8085	625199.76	4266018.8	0.0007721	2.66E-04	6.45E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
8086	625199.93	4266008.87	0.00077583	2.67E-04	6.48E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04	2.46E-05
8087	625200.09	4265998.94	0.0007797	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.47E-05
8088	625200.25	4265989	0.00078369	2.69E-04	6.55E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.49E-05
8089	625200.42	4265979.07	0.00078768	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04	2.50E-05
8090	625200.58	4265969.14	0.0007917	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
8091	625200.74	4265959.2	0.00079569	2.74E-04	6.65E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.53E-05
8092	625200.91	4265949.27	0.00079985	2.75E-04	6.69E-04	2.06E-04	1.58E-04	5.27E-05	1.23E-04	2.54E-05
8093	625201.07	4265939.34	0.00080404	2.76E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
8094	625201.23	4265929.4	0.00080809	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05
8095	625201.4	4265919.47	0.00081176	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
8096	625201.56	4265909.54	0.00081506	2.80E-04	6.81E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04	2.59E-05
8097	625201.72	4265899.6	0.00081813	2.81E-04	6.84E-04	2.11E-04	1.62E-04	5.39E-05	1.26E-04	2.60E-05
8098	625201.89	4265889.67	0.00082089	2.82E-04	6.86E-04	2.11E-04	1.62E-04	5.41E-05	1.27E-04	2.61E-05
8099	625202.05	4265879.74	0.00082333	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
8100	625202.22	4265869.8	0.00082545	2.84E-04	6.90E-04	2.13E-04	1.63E-04	5.44E-05	1.27E-04	2.62E-05
8101	625202.38	4265859.87	0.00082729	2.84E-04	6.91E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
8102	625202.54	4265849.94	0.00082878	2.85E-04	6.93E-04	2.13E-04	1.64E-04	5.46E-05	1.28E-04	2.63E-05
8103	625202.71	4265840	0.00082996	2.85E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04	2.63E-05
8104	625202.87	4265830.07	0.00083088	2.86E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04	2.64E-05
8105	625203.03	4265820.14	0.00083162	2.86E-04	6.95E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04	2.64E-05
8106	625203.2	4265810.2	0.0008322	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04	2.64E-05
8107	625203.36	4265800.27	0.00083274	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.49E-05	1.28E-04	2.64E-05
8108	625203.52	4265790.34	0.00083337	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.49E-05	1.29E-04	2.64E-05
8109	625203.69	4265780.4	0.00083415	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
8110	625203.85	4265770.47	0.00083527	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
8111	625204.01	4265760.54	0.00083679	2.88E-04	6.99E-04	2.15E-04	1.66E-04	5.51E-05	1.29E-04	2.66E-05
8112	625204.18	4265750.6	0.00083863	2.88E-04	7.01E-04	2.16E-04	1.66E-04	5.53E-05	1.29E-04	2.66E-05
8113	625204.34	4265740.67	0.00084089	2.89E-04	7.03E-04	2.16E-04	1.66E-04	5.54E-05	1.30E-04	2.67E-05
8114	625204.5	4265730.74	0.00084356	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04	2.68E-05
8115	625204.67	4265720.8	0.00084646	2.91E-04	7.08E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04	2.69E-05
8116	625204.83	4265710.87	0.00084933	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.60E-05	1.31E-04	2.70E-05
8117	625205	4265700.94	0.00085209	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04	2.70E-05
8118	625205.16	4265691	0.00085476	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04	2.71E-05
8119	625205.32	4265681.07	0.00085722	2.95E-04	7.17E-04	2.21E-04	1.70E-04	5.65E-05	1.32E-04	2.72E-05
8120	625235.66	4266185.89	0.00066355	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.11E-05
8121	625231.72	4266194.96	0.00067004	2.30E-04	5.60E-04	1.73E-04	1.33E-04	4.41E-05	1.03E-04	2.13E-05
8122	625227.79	4266204.03	0.00067627	2.33E-04	5.65E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
8123	625223.85	4266213.1	0.00068218	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.49E-05	1.05E-04	2.16E-05
8124	625219.92	4266222.16	0.00068775	2.37E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05
8125	625215.98	4266231.23	0.000693	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
8126	625212.05	4266240.3	0.00069791	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05
8127	625208.11	4266249.36	0.00070262	2.42E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
8128	625204.18	4266258.43	0.00070692	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
8129	625200.24	4266267.5	0.00071091	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.26E-05
8130	625196.31	4266276.56	0.00071487	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04	2.27E-05
8131	625192.37	4266285.63	0.00071892	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
8132	625156.95	4266367.23	0.00076556	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.04E-05	1.18E-04	2.43E-05
8133	625153.02	4266376.3	0.00077112	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04	2.45E-05
8134	625149.08	4266385.36	0.00077666	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.46E-05
8135	625145.15	4266394.43	0.00078206	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
8136	625141.21	4266403.5	0.00078725	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.21E-04	2.50E-05

8137	625137.27	4266412.56	0.00079222	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
8138	625133.34	4266421.63	0.00079684	2.74E-04	6.66E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04	2.53E-05
8139	625129.4	4266430.7	0.00080114	2.75E-04	6.70E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04	2.54E-05
8140	625116.27	4266443.39	0.00082531	2.84E-04	6.90E-04	2.12E-04	1.63E-04	5.44E-05	1.27E-04	2.62E-05
8141	625107.08	4266447.01	0.00084577	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.31E-04	2.68E-05
8142	625097.88	4266450.63	0.00086641	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04	2.75E-05
8143	625088.68	4266454.25	0.00088713	3.05E-04	7.42E-04	2.28E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
8144	625079.49	4266457.87	0.00090779	3.12E-04	7.59E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04	2.88E-05
8145	625070.29	4266461.5	0.0009284	3.19E-04	7.76E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
8146	625061.09	4266465.12	0.00094884	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
8147	625051.9	4266468.74	0.00096898	3.33E-04	8.10E-04	2.49E-04	1.92E-04	6.38E-05	1.50E-04	3.08E-05
8148	625042.7	4266472.36	0.00098884	3.40E-04	8.27E-04	2.55E-04	1.96E-04	6.52E-05	1.53E-04	3.14E-05
8149	625033.5	4266475.98	0.0010083	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04	3.20E-05
8150	625024.31	4266479.61	0.0010273	3.53E-04	8.59E-04	2.64E-04	2.03E-04	6.77E-05	1.59E-04	3.26E-05
8151	625015.11	4266483.23	0.0010459	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04	3.32E-05
8152	625005.91	4266486.85	0.0010639	3.66E-04	8.89E-04	2.74E-04	2.11E-04	7.01E-05	1.64E-04	3.38E-05
8153	624996.72	4266490.47	0.0010812	3.72E-04	9.04E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
8154	624987.52	4266494.09	0.0010978	3.78E-04	9.18E-04	2.83E-04	2.17E-04	7.23E-05	1.69E-04	3.48E-05
8155	624978.32	4266497.72	0.0011137	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04	3.53E-05
8156	624969.13	4266501.34	0.0011286	3.88E-04	9.43E-04	2.91E-04	2.23E-04	7.44E-05	1.74E-04	3.58E-05
8157	624959.93	4266504.96	0.0011425	3.93E-04	9.55E-04	2.94E-04	2.26E-04	7.53E-05	1.76E-04	3.63E-05
8158	624950.74	4266508.58	0.0011553	3.97E-04	9.66E-04	2.97E-04	2.29E-04	7.61E-05	1.78E-04	3.67E-05
8159	624941.54	4266512.2	0.001167	4.01E-04	9.75E-04	3.00E-04	2.31E-04	7.69E-05	1.80E-04	3.70E-05
8160	624932.34	4266515.83	0.0011774	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
8161	624923.15	4266519.45	0.0011866	4.08E-04	9.92E-04	3.06E-04	2.35E-04	7.82E-05	1.83E-04	3.77E-05
8162	624913.95	4266523.07	0.0011946	4.11E-04	9.99E-04	3.08E-04	2.36E-04	7.87E-05	1.84E-04	3.79E-05
8163	624904.75	4266526.69	0.0012012	4.13E-04	1.00E-03	3.09E-04	2.38E-04	7.91E-05	1.85E-04	3.81E-05
8164	624895.56	4266530.31	0.0012066	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04	3.83E-05
8165	624886.36	4266533.94	0.0012107	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04	3.84E-05
8166	624877.16	4266537.56	0.0012137	4.17E-04	1.01E-03	3.12E-04	2.40E-04	8.00E-05	1.87E-04	3.85E-05
8167	624867.97	4266541.18	0.0012155	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04	3.86E-05
8168	624858.77	4266544.8	0.0012163	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04	3.86E-05
8169	624849.57	4266548.42	0.0012161	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04	3.86E-05
8170	625247.63	4266148.76	0.00064372	2.21E-04	5.38E-04	1.66E-04	1.27E-04	4.24E-05	9.93E-05	2.04E-05
8171	625247.79	4266138.83	0.00064407	2.21E-04	5.38E-04	1.66E-04	1.27E-04	4.24E-05	9.94E-05	2.04E-05
8172	625247.96	4266128.89	0.00064435	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.94E-05	2.04E-05
8173	625248.12	4266118.96	0.00064473	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05	2.05E-05
8174	625248.28	4266109.03	0.0006453	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.96E-05	2.05E-05
8175	625248.45	4266099.09	0.00064605	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.26E-05	9.97E-05	2.05E-05
8176	625248.61	4266089.16	0.00064708	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05
8177	625248.77	4266079.23	0.00064846	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04	2.06E-05
8178	625248.94	4266069.29	0.00065006	2.24E-04	5.43E-04	1.67E-04	1.29E-04	4.28E-05	1.00E-04	2.06E-05
8179	625249.1	4266059.36	0.00065202	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
8180	625249.26	4266049.43	0.0006542	2.25E-04	5.47E-04	1.68E-04	1.29E-04	4.31E-05	1.01E-04	2.08E-05
8181	625249.43	4266039.49	0.00065678	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.08E-05
8182	625249.59	4266029.56	0.00065977	2.27E-04	5.51E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
8183	625249.76	4266019.63	0.00066286	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.10E-05
8184	625249.92	4266009.69	0.00066599	2.29E-04	5.57E-04	1.71E-04	1.32E-04	4.39E-05	1.03E-04	2.11E-05
8185	625250.08	4265999.76	0.00066906	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.41E-05	1.03E-04	2.12E-05
8186	625250.25	4265989.83	0.00067219	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.13E-05
8187	625250.41	4265979.89	0.00067535	2.32E-04	5.64E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05
8188	625250.57	4265969.96	0.00067851	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
8189	625250.74	4265960.03	0.00068158	2.34E-04	5.70E-04	1.75E-04	1.35E-04	4.49E-05	1.05E-04	2.16E-05
8190	625250.9	4265950.09	0.00068462	2.35E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
8191	625251.06	4265940.16	0.00068752	2.36E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05

8192	625251.23	4265930.23	0.00069027	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
8193	625251.39	4265920.29	0.00069289	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
8194	625251.55	4265910.36	0.00069527	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04	2.21E-05
8195	625251.72	4265900.43	0.00069739	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.59E-05	1.08E-04	2.21E-05
8196	625251.88	4265890.49	0.00069931	2.40E-04	5.85E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04	2.22E-05
8197	625252.04	4265880.56	0.00070095	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
8198	625252.21	4265870.63	0.00070233	2.42E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
8199	625252.37	4265860.69	0.00070345	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.09E-04	2.23E-05
8200	625252.54	4265850.76	0.00070431	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
8201	625252.7	4265840.83	0.00070503	2.42E-04	5.89E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
8202	625252.86	4265830.89	0.00070574	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
8203	625253.03	4265820.96	0.00070658	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
8204	625253.19	4265811.03	0.00070747	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
8205	625253.35	4265801.09	0.0007083	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
8206	625253.52	4265791.16	0.00070904	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
8207	625253.68	4265781.23	0.00071008	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
8208	625253.84	4265771.29	0.00071143	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
8209	625254.01	4265761.36	0.00071309	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04	2.26E-05
8210	625254.17	4265751.43	0.00071513	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04	2.27E-05
8211	625254.33	4265741.49	0.00071748	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05
8212	625254.5	4265731.56	0.00072009	2.48E-04	6.02E-04	1.85E-04	1.43E-04	4.74E-05	1.11E-04	2.29E-05
8213	625254.66	4265721.63	0.00072293	2.49E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.12E-04	2.29E-05
8214	625254.83	4265711.69	0.00072586	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
8215	625254.99	4265701.76	0.00072885	2.51E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
8216	625255.15	4265691.83	0.00073175	2.52E-04	6.12E-04	1.88E-04	1.45E-04	4.82E-05	1.13E-04	2.32E-05
8217	625255.32	4265681.89	0.00073447	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04	2.33E-05
8218	625285.69	4266186.62	0.00057851	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05	1.84E-05
8219	625281.77	4266195.66	0.00058325	2.01E-04	4.88E-04	1.50E-04	1.15E-04	3.84E-05	9.00E-05	1.85E-05
8220	625277.85	4266204.69	0.00058804	2.02E-04	4.92E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.87E-05
8221	625273.93	4266213.72	0.00059255	2.04E-04	4.95E-04	1.53E-04	1.17E-04	3.90E-05	9.14E-05	1.88E-05
8222	625270.01	4266222.76	0.0005968	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05	1.89E-05
8223	625266.09	4266231.79	0.00060076	2.07E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.27E-05	1.91E-05
8224	625262.17	4266240.83	0.00060446	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.33E-05	1.92E-05
8225	625258.25	4266249.86	0.0006079	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05	1.93E-05
8226	625254.32	4266258.9	0.00061106	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05	1.94E-05
8227	625250.4	4266267.93	0.00061387	2.11E-04	5.13E-04	1.58E-04	1.22E-04	4.04E-05	9.47E-05	1.95E-05
8228	625246.48	4266276.96	0.00061666	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.52E-05	1.96E-05
8229	625242.56	4266286	0.00061944	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
8230	625207.27	4266367.31	0.00065503	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
8231	625203.35	4266376.34	0.00065979	2.27E-04	5.51E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
8232	625199.43	4266385.38	0.00066462	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.38E-05	1.03E-04	2.11E-05
8233	625195.5	4266394.41	0.00066947	2.30E-04	5.60E-04	1.72E-04	1.33E-04	4.41E-05	1.03E-04	2.12E-05
8234	625191.58	4266403.45	0.00067432	2.32E-04	5.64E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
8235	625187.66	4266412.48	0.00067908	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.16E-05
8236	625183.74	4266421.51	0.00068376	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.50E-05	1.06E-04	2.17E-05
8237	625179.82	4266430.55	0.00068832	2.37E-04	5.75E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.18E-05
8238	625175.9	4266439.58	0.00069268	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
8239	625171.98	4266448.62	0.00069685	2.40E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.08E-04	2.21E-05
8240	625168.05	4266457.65	0.00070078	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
8241	625164.13	4266466.69	0.00070439	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
8242	625151.05	4266479.33	0.00072423	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
8243	625141.88	4266482.94	0.0007409	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04	2.35E-05
8244	625132.72	4266486.55	0.00075769	2.61E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.40E-05
8245	625123.56	4266490.16	0.00077454	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.20E-04	2.46E-05
8246	625114.39	4266493.77	0.00079141	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05

8247	625105.23	4266497.38	0.00080823	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
8248	625096.07	4266500.98	0.00082496	2.84E-04	6.90E-04	2.12E-04	1.63E-04	5.44E-05	1.27E-04	2.62E-05
8249	625086.9	4266504.59	0.0008415	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04	2.67E-05
8250	625077.74	4266508.2	0.0008578	2.95E-04	7.17E-04	2.21E-04	1.70E-04	5.65E-05	1.32E-04	2.72E-05
8251	625068.58	4266511.81	0.00087381	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.77E-05
8252	625059.41	4266515.42	0.00088954	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
8253	625050.25	4266519.03	0.00090492	3.11E-04	7.56E-04	2.33E-04	1.79E-04	5.96E-05	1.40E-04	2.87E-05
8254	625041.08	4266522.64	0.00091993	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04	2.92E-05
8255	625031.92	4266526.25	0.00093451	3.21E-04	7.81E-04	2.41E-04	1.85E-04	6.16E-05	1.44E-04	2.97E-05
8256	625022.76	4266529.86	0.00094861	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
8257	625013.59	4266533.47	0.00096221	3.31E-04	8.04E-04	2.48E-04	1.90E-04	6.34E-05	1.48E-04	3.05E-05
8258	625004.43	4266537.08	0.00097521	3.35E-04	8.15E-04	2.51E-04	1.93E-04	6.43E-05	1.50E-04	3.09E-05
8259	624995.27	4266540.68	0.00098755	3.40E-04	8.25E-04	2.54E-04	1.95E-04	6.51E-05	1.52E-04	3.13E-05
8260	624986.1	4266544.29	0.00099918	3.44E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
8261	624976.94	4266547.9	0.00101	3.47E-04	8.44E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.21E-05
8262	624967.78	4266551.51	0.0010199	3.51E-04	8.52E-04	2.63E-04	2.02E-04	6.72E-05	1.57E-04	3.24E-05
8263	624958.61	4266555.12	0.001029	3.54E-04	8.60E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04	3.27E-05
8264	624949.45	4266558.73	0.0010372	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04	3.29E-05
8265	624940.28	4266562.34	0.0010444	3.59E-04	8.73E-04	2.69E-04	2.07E-04	6.88E-05	1.61E-04	3.31E-05
8266	624931.12	4266565.95	0.0010507	3.61E-04	8.78E-04	2.71E-04	2.08E-04	6.92E-05	1.62E-04	3.33E-05
8267	624921.96	4266569.56	0.0010559	3.63E-04	8.83E-04	2.72E-04	2.09E-04	6.96E-05	1.63E-04	3.35E-05
8268	624912.79	4266573.17	0.0010603	3.65E-04	8.86E-04	2.73E-04	2.10E-04	6.99E-05	1.64E-04	3.36E-05
8269	624903.63	4266576.77	0.0010636	3.66E-04	8.89E-04	2.74E-04	2.11E-04	7.01E-05	1.64E-04	3.38E-05
8270	624894.47	4266580.38	0.001066	3.67E-04	8.91E-04	2.74E-04	2.11E-04	7.02E-05	1.64E-04	3.38E-05
8271	624885.3	4266583.99	0.0010675	3.67E-04	8.92E-04	2.75E-04	2.11E-04	7.03E-05	1.65E-04	3.39E-05
8272	624876.14	4266587.6	0.0010681	3.67E-04	8.93E-04	2.75E-04	2.11E-04	7.04E-05	1.65E-04	3.39E-05
8273	624866.98	4266591.21	0.0010679	3.67E-04	8.93E-04	2.75E-04	2.11E-04	7.04E-05	1.65E-04	3.39E-05
8274	624857.81	4266594.82	0.0010671	3.67E-04	8.92E-04	2.75E-04	2.11E-04	7.03E-05	1.65E-04	3.39E-05
8275	624848.65	4266598.43	0.0010654	3.66E-04	8.91E-04	2.74E-04	2.11E-04	7.02E-05	1.64E-04	3.38E-05
8276	625297.62	4266149.58	0.00056348	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05	1.79E-05
8277	625297.79	4266139.65	0.00056348	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05	1.79E-05
8278	625297.95	4266129.72	0.00056356	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
8279	625298.11	4266119.78	0.00056376	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
8280	625298.28	4266109.85	0.00056411	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
8281	625298.44	4266099.92	0.0005648	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.72E-05	1.79E-05
8282	625298.6	4266089.98	0.00056574	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05	1.80E-05
8283	625298.77	4266080.05	0.00056695	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05	1.80E-05
8284	625298.93	4266070.12	0.00056838	1.95E-04	4.75E-04	1.46E-04	1.13E-04	3.74E-05	8.77E-05	1.80E-05
8285	625299.09	4266060.18	0.00057008	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
8286	625299.26	4266050.25	0.00057194	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05	1.82E-05
8287	625299.42	4266040.32	0.00057395	1.97E-04	4.80E-04	1.48E-04	1.14E-04	3.78E-05	8.86E-05	1.82E-05
8288	625299.59	4266030.38	0.00057602	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.80E-05	8.89E-05	1.83E-05
8289	625299.75	4266020.45	0.00057823	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.81E-05	8.92E-05	1.84E-05
8290	625299.91	4266010.52	0.00058052	2.00E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.96E-05	1.84E-05
8291	625300.08	4266000.58	0.00058288	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05	1.85E-05
8292	625300.24	4265990.65	0.00058526	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.86E-05	9.03E-05	1.86E-05
8293	625300.4	4265980.72	0.00058767	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.87E-05
8294	625300.57	4265970.78	0.00058999	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.89E-05	9.10E-05	1.87E-05
8295	625300.73	4265960.85	0.00059232	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.14E-05	1.88E-05
8296	625300.89	4265950.92	0.00059459	2.04E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.17E-05	1.89E-05
8297	625301.06	4265940.98	0.00059685	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05	1.89E-05
8298	625301.22	4265931.05	0.00059901	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.24E-05	1.90E-05
8299	625301.38	4265921.12	0.0006009	2.07E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.27E-05	1.91E-05
8300	625301.55	4265911.18	0.00060248	2.07E-04	5.04E-04	1.55E-04	1.19E-04	3.97E-05	9.30E-05	1.91E-05
8301	625301.71	4265901.25	0.00060389	2.08E-04	5.05E-04	1.55E-04	1.20E-04	3.98E-05	9.32E-05	1.92E-05

8302	625301.87	4265891.32	0.00060512	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.34E-05	1.92E-05
8303	625302.04	4265881.38	0.00060621	2.08E-04	5.07E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05	1.92E-05
8304	625302.2	4265871.45	0.0006071	2.09E-04	5.07E-04	1.56E-04	1.20E-04	4.00E-05	9.37E-05	1.93E-05
8305	625302.37	4265861.52	0.00060773	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05	1.93E-05
8306	625302.53	4265851.58	0.00060816	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05	1.93E-05
8307	625302.69	4265841.65	0.00060851	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
8308	625302.86	4265831.72	0.00060879	2.09E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.39E-05	1.93E-05
8309	625303.02	4265821.78	0.00060914	2.09E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.40E-05	1.93E-05
8310	625303.18	4265811.85	0.00060957	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.41E-05	1.93E-05
8311	625303.35	4265801.92	0.00061017	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
8312	625303.51	4265791.98	0.00061103	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05	1.94E-05
8313	625303.67	4265782.05	0.00061218	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.03E-05	9.45E-05	1.94E-05
8314	625303.84	4265772.12	0.00061364	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
8315	625304	4265762.18	0.00061545	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.06E-05	9.50E-05	1.95E-05
8316	625304.16	4265752.25	0.00061758	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.07E-05	9.53E-05	1.96E-05
8317	625304.33	4265742.32	0.00062002	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
8318	625304.49	4265732.38	0.00062271	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05	1.98E-05
8319	625304.65	4265722.45	0.00062558	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.99E-05
8320	625304.82	4265712.52	0.00062857	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05	1.99E-05
8321	625304.98	4265702.58	0.00063161	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.00E-05
8322	625305.15	4265692.65	0.00063457	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05	2.01E-05
8323	625305.31	4265682.72	0.00063744	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05	2.02E-05
8324	625335.72	4266187.37	0.00051164	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05	1.62E-05
8325	625331.81	4266196.38	0.00051537	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.95E-05	1.64E-05
8326	625327.9	4266205.38	0.0005191	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
8327	625323.99	4266214.39	0.00052263	1.80E-04	4.37E-04	1.35E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
8328	625320.08	4266223.4	0.00052588	1.81E-04	4.40E-04	1.35E-04	1.04E-04	3.46E-05	8.11E-05	1.67E-05
8329	625316.17	4266232.41	0.00052889	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05	1.68E-05
8330	625312.26	4266241.42	0.00053162	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
8331	625308.35	4266250.43	0.00053414	1.84E-04	4.46E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05	1.70E-05
8332	625304.44	4266259.44	0.0005363	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.28E-05	1.70E-05
8333	625300.53	4266268.44	0.00053816	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.30E-05	1.71E-05
8334	625296.62	4266277.45	0.00053997	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05	1.71E-05
8335	625292.71	4266286.46	0.00054175	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.36E-05	1.72E-05
8336	625257.52	4266367.54	0.00056712	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05	1.80E-05
8337	625253.61	4266376.55	0.00057094	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.81E-05	1.81E-05
8338	625249.7	4266385.56	0.00057493	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.82E-05
8339	625245.79	4266394.57	0.000579	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05	1.84E-05
8340	625241.88	4266403.57	0.00058316	2.01E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	9.00E-05	1.85E-05
8341	625237.97	4266412.58	0.00058741	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.06E-05	1.86E-05
8342	625234.06	4266421.59	0.00059166	2.03E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
8343	625230.15	4266430.6	0.00059588	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.93E-05	9.19E-05	1.89E-05
8344	625226.24	4266439.61	0.00060007	2.06E-04	5.02E-04	1.54E-04	1.19E-04	3.95E-05	9.26E-05	1.90E-05
8345	625222.33	4266448.62	0.00060417	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.32E-05	1.92E-05
8346	625218.42	4266457.63	0.00060816	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05	1.93E-05
8347	625214.51	4266466.63	0.00061204	2.10E-04	5.12E-04	1.58E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05
8348	625210.6	4266475.64	0.00061574	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.50E-05	1.95E-05
8349	625206.69	4266484.65	0.00061927	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
8350	625202.78	4266493.66	0.0006226	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05	1.98E-05
8351	625198.87	4266502.67	0.0006257	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.99E-05
8352	625185.82	4266515.28	0.00064217	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.91E-05	2.04E-05
8353	625176.68	4266518.88	0.00065592	2.26E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
8354	625167.54	4266522.47	0.00066981	2.30E-04	5.60E-04	1.72E-04	1.33E-04	4.41E-05	1.03E-04	2.13E-05
8355	625158.4	4266526.07	0.00068373	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.06E-04	2.17E-05
8356	625149.27	4266529.67	0.00069768	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05

8357	625140.13	4266533.27	0.0007116	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
8358	625130.99	4266536.87	0.00072546	2.49E-04	6.06E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
8359	625121.85	4266540.47	0.00073921	2.54E-04	6.18E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04	2.35E-05
8360	625112.72	4266544.07	0.00075275	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04	2.39E-05
8361	625103.58	4266547.67	0.00076613	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
8362	625094.44	4266551.26	0.0007793	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
8363	625085.3	4266554.86	0.00079219	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
8364	625076.17	4266558.46	0.00080479	2.77E-04	6.73E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
8365	625067.03	4266562.06	0.00081713	2.81E-04	6.83E-04	2.10E-04	1.62E-04	5.38E-05	1.26E-04	2.59E-05
8366	625057.89	4266565.66	0.00082913	2.85E-04	6.93E-04	2.13E-04	1.64E-04	5.46E-05	1.28E-04	2.63E-05
8367	625048.75	4266569.26	0.00084075	2.89E-04	7.03E-04	2.16E-04	1.66E-04	5.54E-05	1.30E-04	2.67E-05
8368	625039.62	4266572.86	0.00085197	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04	2.70E-05
8369	625030.48	4266576.46	0.00086276	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04	2.74E-05
8370	625021.34	4266580.05	0.00087307	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
8371	625012.2	4266583.65	0.00088282	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05
8372	625003.07	4266587.25	0.00089195	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
8373	624993.93	4266590.85	0.00090048	3.10E-04	7.53E-04	2.32E-04	1.78E-04	5.93E-05	1.39E-04	2.86E-05
8374	624984.79	4266594.45	0.00090834	3.12E-04	7.59E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04	2.88E-05
8375	624975.65	4266598.05	0.00091549	3.15E-04	7.65E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.91E-05
8376	624966.52	4266601.65	0.00092194	3.17E-04	7.71E-04	2.37E-04	1.82E-04	6.07E-05	1.42E-04	2.93E-05
8377	624957.38	4266605.25	0.00092768	3.19E-04	7.75E-04	2.39E-04	1.84E-04	6.11E-05	1.43E-04	2.94E-05
8378	624948.24	4266608.84	0.00093271	3.21E-04	7.80E-04	2.40E-04	1.85E-04	6.15E-05	1.44E-04	2.96E-05
8379	624939.1	4266612.44	0.00093698	3.22E-04	7.83E-04	2.41E-04	1.85E-04	6.17E-05	1.45E-04	2.97E-05
8380	624929.97	4266616.04	0.00094048	3.23E-04	7.86E-04	2.42E-04	1.86E-04	6.20E-05	1.45E-04	2.98E-05
8381	624920.83	4266619.64	0.00094324	3.24E-04	7.88E-04	2.43E-04	1.87E-04	6.21E-05	1.46E-04	2.99E-05
8382	624911.69	4266623.24	0.00094522	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.23E-05	1.46E-04	3.00E-05
8383	624902.55	4266626.84	0.00094648	3.25E-04	7.91E-04	2.44E-04	1.87E-04	6.24E-05	1.46E-04	3.00E-05
8384	624893.42	4266630.44	0.00094703	3.26E-04	7.92E-04	2.44E-04	1.87E-04	6.24E-05	1.46E-04	3.01E-05
8385	624884.28	4266634.04	0.00094688	3.26E-04	7.91E-04	2.44E-04	1.87E-04	6.24E-05	1.46E-04	3.01E-05
8386	624875.14	4266637.64	0.00094611	3.25E-04	7.91E-04	2.44E-04	1.87E-04	6.23E-05	1.46E-04	3.00E-05
8387	624866	4266641.23	0.00094476	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	3.00E-05
8388	624856.87	4266644.83	0.00094287	3.24E-04	7.88E-04	2.43E-04	1.87E-04	6.21E-05	1.45E-04	2.99E-05
8389	624847.73	4266648.43	0.00094051	3.23E-04	7.86E-04	2.42E-04	1.86E-04	6.20E-05	1.45E-04	2.98E-05
8390	625347.62	4266150.41	0.00049976	1.72E-04	4.18E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05	1.59E-05
8391	625347.78	4266140.47	0.00049976	1.72E-04	4.18E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05	1.59E-05
8392	625347.94	4266130.54	0.0004999	1.72E-04	4.18E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05	1.59E-05
8393	625348.11	4266120.61	0.00050028	1.72E-04	4.18E-04	1.29E-04	9.90E-05	3.30E-05	7.72E-05	1.59E-05
8394	625348.27	4266110.67	0.00050079	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05	1.59E-05
8395	625348.43	4266100.74	0.00050137	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.74E-05	1.59E-05
8396	625348.6	4266090.81	0.00050194	1.73E-04	4.20E-04	1.29E-04	9.94E-05	3.31E-05	7.75E-05	1.59E-05
8397	625348.76	4266080.87	0.00050272	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.76E-05	1.60E-05
8398	625348.92	4266070.94	0.00050369	1.73E-04	4.21E-04	1.30E-04	9.97E-05	3.32E-05	7.77E-05	1.60E-05
8399	625349.09	4266061.01	0.00050481	1.74E-04	4.22E-04	1.30E-04	9.99E-05	3.33E-05	7.79E-05	1.60E-05
8400	625349.25	4266051.07	0.00050613	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.81E-05	1.61E-05
8401	625349.41	4266041.14	0.00050762	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
8402	625349.58	4266031.21	0.0005092	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.35E-05	7.86E-05	1.62E-05
8403	625349.74	4266021.27	0.00051095	1.76E-04	4.27E-04	1.32E-04	1.01E-04	3.37E-05	7.88E-05	1.62E-05
8404	625349.91	4266011.34	0.00051279	1.76E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.91E-05	1.63E-05
8405	625350.07	4266001.41	0.00051477	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
8406	625350.23	4265991.47	0.00051675	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
8407	625350.4	4265981.54	0.00051862	1.78E-04	4.33E-04	1.34E-04	1.03E-04	3.42E-05	8.00E-05	1.65E-05
8408	625350.56	4265971.61	0.00052034	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
8409	625350.72	4265961.67	0.00052195	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.44E-05	8.05E-05	1.66E-05
8410	625350.89	4265951.74	0.00052347	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
8411	625351.05	4265941.81	0.00052487	1.80E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05

8412	625351.21	4265931.87	0.00052614	1.81E-04	4.40E-04	1.35E-04	1.04E-04	3.47E-05	8.12E-05	1.67E-05
8413	625351.38	4265921.94	0.00052726	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.14E-05	1.67E-05
8414	625351.54	4265912.01	0.00052817	1.82E-04	4.41E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05	1.68E-05
8415	625351.7	4265902.07	0.00052895	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.16E-05	1.68E-05
8416	625351.87	4265892.14	0.00052955	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
8417	625352.03	4265882.21	0.00053001	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
8418	625352.19	4265872.27	0.0005303	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
8419	625352.36	4265862.34	0.0005305	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
8420	625352.52	4265852.41	0.00053064	1.82E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
8421	625352.69	4265842.47	0.00053073	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
8422	625352.85	4265832.54	0.0005309	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
8423	625353.01	4265822.61	0.00053113	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
8424	625353.18	4265812.67	0.00053153	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
8425	625353.34	4265802.74	0.00053216	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.21E-05	1.69E-05
8426	625353.5	4265792.81	0.00053305	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05	1.69E-05
8427	625353.67	4265782.87	0.00053423	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05	1.70E-05
8428	625353.83	4265772.94	0.00053575	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
8429	625353.99	4265763.01	0.00053756	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
8430	625354.16	4265753.07	0.00053968	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05	1.71E-05
8431	625354.32	4265743.14	0.00054206	1.86E-04	4.53E-04	1.40E-04	1.07E-04	3.57E-05	8.36E-05	1.72E-05
8432	625354.48	4265733.21	0.00054468	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.40E-05	1.73E-05
8433	625354.65	4265723.27	0.00054746	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.45E-05	1.74E-05
8434	625354.81	4265713.34	0.00055039	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.63E-05	8.49E-05	1.75E-05
8435	625354.98	4265703.41	0.00055343	1.90E-04	4.63E-04	1.42E-04	1.10E-04	3.65E-05	8.54E-05	1.76E-05
8436	625355.14	4265693.47	0.00055647	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.59E-05	1.77E-05
8437	625355.3	4265683.54	0.00055934	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05	1.78E-05
8438	625385.74	4266188.13	0.00045866	1.58E-04	3.83E-04	1.18E-04	9.08E-05	3.02E-05	7.08E-05	1.46E-05
8439	625381.84	4266197.11	0.00046179	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05	1.47E-05
8440	625377.94	4266206.1	0.00046457	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.47E-05
8441	625374.04	4266215.09	0.00046716	1.61E-04	3.90E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05	1.48E-05
8442	625370.14	4266224.08	0.00046951	1.61E-04	3.92E-04	1.21E-04	9.29E-05	3.09E-05	7.24E-05	1.49E-05
8443	625366.24	4266233.07	0.00047181	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
8444	625362.34	4266242.05	0.00047387	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05	1.50E-05
8445	625358.43	4266251.04	0.00047574	1.64E-04	3.98E-04	1.22E-04	9.42E-05	3.13E-05	7.34E-05	1.51E-05
8446	625354.53	4266260.03	0.00047729	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.14E-05	7.36E-05	1.51E-05
8447	625350.63	4266269.02	0.00047849	1.65E-04	4.00E-04	1.23E-04	9.47E-05	3.15E-05	7.38E-05	1.52E-05
8448	625346.73	4266278	0.00047956	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.40E-05	1.52E-05
8449	625342.83	4266286.99	0.0004805	1.65E-04	4.02E-04	1.24E-04	9.51E-05	3.17E-05	7.41E-05	1.52E-05
8450	625307.72	4266367.88	0.00049672	1.71E-04	4.15E-04	1.28E-04	9.83E-05	3.27E-05	7.66E-05	1.58E-05
8451	625303.82	4266376.87	0.00049956	1.72E-04	4.18E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05	1.59E-05
8452	625299.92	4266385.86	0.0005026	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.76E-05	1.60E-05
8453	625296.02	4266394.84	0.00050584	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.81E-05	1.61E-05
8454	625292.12	4266403.83	0.00050926	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.86E-05	1.62E-05
8455	625288.21	4266412.82	0.00051279	1.76E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.91E-05	1.63E-05
8456	625284.31	4266421.81	0.00051641	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
8457	625280.41	4266430.79	0.00052011	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
8458	625276.51	4266439.78	0.00052384	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
8459	625272.61	4266448.77	0.0005276	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.14E-05	1.67E-05
8460	625268.71	4266457.76	0.00053136	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
8461	625264.81	4266466.75	0.00053506	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05	1.70E-05
8462	625260.91	4266475.73	0.00053871	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05
8463	625257.01	4266484.72	0.00054224	1.86E-04	4.53E-04	1.40E-04	1.07E-04	3.57E-05	8.37E-05	1.72E-05
8464	625253.11	4266493.71	0.00054571	1.88E-04	4.56E-04	1.40E-04	1.08E-04	3.60E-05	8.42E-05	1.73E-05
8465	625249.2	4266502.7	0.00054904	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05	1.74E-05
8466	625245.3	4266511.68	0.00055222	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.52E-05	1.75E-05

8467	625241.4	4266520.67	0.00055524	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05	1.76E-05
8468	625237.5	4266529.66	0.00055808	1.92E-04	4.66E-04	1.44E-04	1.10E-04	3.68E-05	8.61E-05	1.77E-05
8469	625233.6	4266538.65	0.00056075	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05	1.78E-05
8470	625220.58	4266551.22	0.00057461	1.98E-04	4.80E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.82E-05
8471	625211.47	4266554.82	0.00058606	2.02E-04	4.90E-04	1.51E-04	1.16E-04	3.86E-05	9.04E-05	1.86E-05
8472	625202.35	4266558.41	0.00059766	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05	1.90E-05
8473	625193.23	4266562	0.00060928	2.10E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.40E-05	1.93E-05
8474	625184.12	4266565.59	0.00062093	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05	1.97E-05
8475	625175	4266569.18	0.00063259	2.18E-04	5.29E-04	1.63E-04	1.25E-04	4.17E-05	9.76E-05	2.01E-05
8476	625165.88	4266572.77	0.00064421	2.22E-04	5.38E-04	1.66E-04	1.28E-04	4.24E-05	9.94E-05	2.04E-05
8477	625156.77	4266576.36	0.00065575	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
8478	625147.65	4266579.95	0.00066717	2.29E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
8479	625138.54	4266583.54	0.00067842	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
8480	625129.42	4266587.13	0.00068953	2.37E-04	5.76E-04	1.78E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
8481	625120.3	4266590.72	0.00070046	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
8482	625111.19	4266594.31	0.00071117	2.45E-04	5.94E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
8483	625102.07	4266597.9	0.00072164	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04	2.29E-05
8484	625092.95	4266601.49	0.00073189	2.52E-04	6.12E-04	1.88E-04	1.45E-04	4.82E-05	1.13E-04	2.32E-05
8485	625083.84	4266605.08	0.00074188	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.89E-05	1.14E-04	2.35E-05
8486	625074.72	4266608.67	0.00075158	2.58E-04	6.28E-04	1.94E-04	1.49E-04	4.95E-05	1.16E-04	2.39E-05
8487	625065.61	4266612.26	0.00076096	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04	2.41E-05
8488	625056.49	4266615.85	0.00077003	2.65E-04	6.44E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
8489	625047.37	4266619.44	0.0007787	2.68E-04	6.51E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
8490	625038.26	4266623.03	0.00078694	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.18E-05	1.21E-04	2.50E-05
8491	625029.14	4266626.62	0.00079474	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
8492	625020.02	4266630.21	0.00080203	2.76E-04	6.70E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04	2.55E-05
8493	625010.91	4266633.8	0.00080881	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
8494	625001.79	4266637.39	0.00081509	2.80E-04	6.81E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04	2.59E-05
8495	624992.68	4266640.99	0.00082077	2.82E-04	6.86E-04	2.11E-04	1.62E-04	5.41E-05	1.27E-04	2.60E-05
8496	624983.56	4266644.58	0.00082597	2.84E-04	6.90E-04	2.13E-04	1.63E-04	5.44E-05	1.27E-04	2.62E-05
8497	624974.44	4266648.17	0.00083059	2.86E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04	2.64E-05
8498	624965.33	4266651.76	0.00083464	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
8499	624956.21	4266655.35	0.00083814	2.88E-04	7.01E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
8500	624947.09	4266658.94	0.00084104	2.89E-04	7.03E-04	2.17E-04	1.66E-04	5.54E-05	1.30E-04	2.67E-05
8501	624937.98	4266662.53	0.00084333	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04	2.68E-05
8502	624928.86	4266666.12	0.00084506	2.91E-04	7.06E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04	2.68E-05
8503	624919.75	4266669.71	0.00084615	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.58E-05	1.31E-04	2.69E-05
8504	624910.63	4266673.3	0.00084663	2.91E-04	7.08E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04	2.69E-05
8505	624901.51	4266676.89	0.00084658	2.91E-04	7.08E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04	2.69E-05
8506	624892.4	4266680.48	0.00084594	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.31E-04	2.68E-05
8507	624883.28	4266684.07	0.00084483	2.91E-04	7.06E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04	2.68E-05
8508	624874.16	4266687.66	0.00084322	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04	2.68E-05
8509	624865.05	4266691.25	0.00084121	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04	2.67E-05
8510	624855.93	4266694.84	0.00083883	2.88E-04	7.01E-04	2.16E-04	1.66E-04	5.53E-05	1.29E-04	2.66E-05
8511	624846.82	4266698.43	0.0008361	2.88E-04	6.99E-04	2.15E-04	1.65E-04	5.51E-05	1.29E-04	2.65E-05
8512	625397.61	4266151.23	0.0004487	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.92E-05	1.42E-05
8513	625397.77	4266141.3	0.00044885	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.93E-05	1.42E-05
8514	625397.94	4266131.36	0.00044893	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.42E-05
8515	625398.1	4266121.43	0.00044902	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.42E-05
8516	625398.26	4266111.5	0.00044919	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.43E-05
8517	625398.43	4266101.56	0.00044942	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.93E-05	1.43E-05
8518	625398.59	4266091.63	0.00044979	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05	1.43E-05
8519	625398.75	4266081.7	0.00045031	1.55E-04	3.76E-04	1.16E-04	8.91E-05	2.97E-05	6.95E-05	1.43E-05
8520	625398.92	4266071.76	0.00045103	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05	1.43E-05
8521	625399.08	4266061.83	0.000452	1.55E-04	3.78E-04	1.16E-04	8.95E-05	2.98E-05	6.97E-05	1.43E-05

8522	625399.24	4266051.9	0.00045312	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.99E-05	6.99E-05	1.44E-05
8523	625399.41	4266041.96	0.0004543	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05	1.44E-05
8524	625399.57	4266032.03	0.00045545	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
8525	625399.74	4266022.1	0.00045668	1.57E-04	3.82E-04	1.18E-04	9.04E-05	3.01E-05	7.05E-05	1.45E-05
8526	625399.9	4266012.16	0.00045792	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.07E-05	1.45E-05
8527	625400.06	4266002.23	0.00045918	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05	1.46E-05
8528	625400.23	4265992.3	0.00046041	1.58E-04	3.85E-04	1.19E-04	9.11E-05	3.03E-05	7.10E-05	1.46E-05
8529	625400.39	4265982.36	0.00046162	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.47E-05
8530	625400.55	4265972.43	0.00046279	1.59E-04	3.87E-04	1.19E-04	9.16E-05	3.05E-05	7.14E-05	1.47E-05
8531	625400.72	4265962.5	0.00046383	1.60E-04	3.88E-04	1.19E-04	9.18E-05	3.06E-05	7.16E-05	1.47E-05
8532	625400.88	4265952.56	0.0004648	1.60E-04	3.89E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.48E-05
8533	625401.04	4265942.63	0.00046564	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
8534	625401.21	4265932.7	0.00046635	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.20E-05	1.48E-05
8535	625401.37	4265922.76	0.00046693	1.61E-04	3.90E-04	1.20E-04	9.24E-05	3.08E-05	7.20E-05	1.48E-05
8536	625401.53	4265912.83	0.00046736	1.61E-04	3.91E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05	1.48E-05
8537	625401.7	4265902.9	0.00046764	1.61E-04	3.91E-04	1.20E-04	9.26E-05	3.08E-05	7.22E-05	1.48E-05
8538	625401.86	4265892.96	0.00046785	1.61E-04	3.91E-04	1.20E-04	9.26E-05	3.08E-05	7.22E-05	1.48E-05
8539	625402.02	4265883.03	0.00046808	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
8540	625402.19	4265873.1	0.00046816	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
8541	625402.35	4265863.16	0.00046819	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
8542	625402.52	4265853.23	0.0004681	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
8543	625402.68	4265843.3	0.0004681	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
8544	625402.84	4265833.36	0.00046816	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
8545	625403.01	4265823.43	0.00046839	1.61E-04	3.92E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05	1.49E-05
8546	625403.17	4265813.5	0.00046882	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.23E-05	1.49E-05
8547	625403.33	4265803.56	0.00046945	1.61E-04	3.92E-04	1.21E-04	9.29E-05	3.09E-05	7.24E-05	1.49E-05
8548	625403.5	4265793.63	0.00047037	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
8549	625403.66	4265783.7	0.00047161	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.28E-05	1.50E-05
8550	625403.82	4265773.76	0.0004731	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05	1.50E-05
8551	625403.99	4265763.83	0.00047485	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.33E-05	1.51E-05
8552	625404.15	4265753.9	0.00047691	1.64E-04	3.99E-04	1.23E-04	9.44E-05	3.14E-05	7.36E-05	1.51E-05
8553	625404.31	4265743.96	0.00047921	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.39E-05	1.52E-05
8554	625404.48	4265734.03	0.00048168	1.66E-04	4.03E-04	1.24E-04	9.53E-05	3.17E-05	7.43E-05	1.53E-05
8555	625404.64	4265724.1	0.00048432	1.67E-04	4.05E-04	1.25E-04	9.59E-05	3.19E-05	7.47E-05	1.54E-05
8556	625404.8	4265714.16	0.00048707	1.67E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05	1.55E-05
8557	625404.97	4265704.23	0.00048986	1.68E-04	4.09E-04	1.26E-04	9.70E-05	3.23E-05	7.56E-05	1.55E-05
8558	625405.13	4265694.3	0.00049264	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.25E-05	7.60E-05	1.56E-05
8559	625405.3	4265684.36	0.00049537	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.64E-05	1.57E-05
8560	625435.76	4266188.9	0.00041492	1.43E-04	3.47E-04	1.07E-04	8.21E-05	2.73E-05	6.40E-05	1.32E-05
8561	625431.86	4266197.87	0.00041753	1.44E-04	3.49E-04	1.08E-04	8.26E-05	2.75E-05	6.44E-05	1.33E-05
8562	625427.97	4266206.84	0.00041997	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05	1.33E-05
8563	625424.08	4266215.81	0.00042215	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.51E-05	1.34E-05
8564	625420.18	4266224.78	0.00042411	1.46E-04	3.54E-04	1.09E-04	8.39E-05	2.79E-05	6.54E-05	1.35E-05
8565	625416.29	4266233.75	0.0004258	1.46E-04	3.56E-04	1.10E-04	8.43E-05	2.81E-05	6.57E-05	1.35E-05
8566	625412.4	4266242.72	0.00042726	1.47E-04	3.57E-04	1.10E-04	8.46E-05	2.82E-05	6.59E-05	1.36E-05
8567	625408.5	4266251.69	0.00042861	1.47E-04	3.58E-04	1.10E-04	8.48E-05	2.82E-05	6.61E-05	1.36E-05
8568	625404.61	4266260.66	0.00042979	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.63E-05	1.36E-05
8569	625400.72	4266269.63	0.00043076	1.48E-04	3.60E-04	1.11E-04	8.53E-05	2.84E-05	6.65E-05	1.37E-05
8570	625396.82	4266278.6	0.00043157	1.48E-04	3.61E-04	1.11E-04	8.54E-05	2.84E-05	6.66E-05	1.37E-05
8571	625392.93	4266287.57	0.0004322	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.67E-05	1.37E-05
8572	625357.89	4266368.3	0.00044024	1.51E-04	3.68E-04	1.13E-04	8.71E-05	2.90E-05	6.79E-05	1.40E-05
8573	625353.99	4266377.27	0.00044213	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
8574	625350.1	4266386.24	0.00044425	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.93E-05	6.86E-05	1.41E-05
8575	625346.21	4266395.21	0.00044658	1.54E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05	1.42E-05
8576	625342.31	4266404.19	0.00044913	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.43E-05

8577	625338.42	4266413.16	0.00045186	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05	1.43E-05
8578	625334.53	4266422.13	0.00045476	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05	1.44E-05
8579	625330.63	4266431.1	0.00045777	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05	1.45E-05
8580	625326.74	4266440.07	0.00046093	1.59E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05	1.46E-05
8581	625322.85	4266449.04	0.00046414	1.60E-04	3.88E-04	1.20E-04	9.19E-05	3.06E-05	7.16E-05	1.47E-05
8582	625318.95	4266458.01	0.00046744	1.61E-04	3.91E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05	1.48E-05
8583	625315.06	4266466.98	0.00047077	1.62E-04	3.93E-04	1.21E-04	9.32E-05	3.10E-05	7.26E-05	1.49E-05
8584	625311.16	4266475.95	0.00047416	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.12E-05	7.32E-05	1.50E-05
8585	625307.27	4266484.92	0.00047749	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.15E-05	7.37E-05	1.52E-05
8586	625303.38	4266493.89	0.00048079	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05	1.53E-05
8587	625299.48	4266502.86	0.00048406	1.66E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05	1.54E-05
8588	625295.59	4266511.83	0.00048725	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05	1.55E-05
8589	625291.7	4266520.8	0.00049035	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05	1.56E-05
8590	625287.8	4266529.77	0.00049336	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05	1.57E-05
8591	625283.91	4266538.74	0.00049626	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.66E-05	1.57E-05
8592	625280.02	4266547.71	0.00049901	1.72E-04	4.17E-04	1.28E-04	9.88E-05	3.29E-05	7.70E-05	1.58E-05
8593	625276.12	4266556.68	0.00050163	1.72E-04	4.19E-04	1.29E-04	9.93E-05	3.30E-05	7.74E-05	1.59E-05
8594	625272.23	4266565.65	0.00050409	1.73E-04	4.21E-04	1.30E-04	9.98E-05	3.32E-05	7.78E-05	1.60E-05
8595	625268.34	4266574.62	0.00050642	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.81E-05	1.61E-05
8596	625255.34	4266587.17	0.00051819	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.41E-05	8.00E-05	1.64E-05
8597	625246.24	4266590.76	0.00052789	1.82E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.15E-05	1.68E-05
8598	625237.15	4266594.34	0.00053765	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.30E-05	1.71E-05
8599	625228.05	4266597.93	0.00054746	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.45E-05	1.74E-05
8600	625218.95	4266601.51	0.00055728	1.92E-04	4.66E-04	1.43E-04	1.10E-04	3.67E-05	8.60E-05	1.77E-05
8601	625209.85	4266605.09	0.00056712	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05	1.80E-05
8602	625200.75	4266608.68	0.00057694	1.98E-04	4.82E-04	1.49E-04	1.14E-04	3.80E-05	8.90E-05	1.83E-05
8603	625191.65	4266612.26	0.00058669	2.02E-04	4.90E-04	1.51E-04	1.16E-04	3.87E-05	9.05E-05	1.86E-05
8604	625182.55	4266615.84	0.00059639	2.05E-04	4.98E-04	1.54E-04	1.18E-04	3.93E-05	9.20E-05	1.89E-05
8605	625173.46	4266619.43	0.00060595	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05	1.92E-05
8606	625164.36	4266623.01	0.00061542	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.50E-05	1.95E-05
8607	625155.26	4266626.59	0.00062475	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05	1.98E-05
8608	625146.16	4266630.18	0.00063391	2.18E-04	5.30E-04	1.63E-04	1.25E-04	4.18E-05	9.78E-05	2.01E-05
8609	625137.06	4266633.76	0.00064289	2.21E-04	5.37E-04	1.66E-04	1.27E-04	4.24E-05	9.92E-05	2.04E-05
8610	625127.96	4266637.34	0.0006517	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.29E-05	1.01E-04	2.07E-05
8611	625118.86	4266640.93	0.00066031	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.10E-05
8612	625109.77	4266644.51	0.00066872	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.41E-05	1.03E-04	2.12E-05
8613	625100.67	4266648.09	0.0006769	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
8614	625091.57	4266651.68	0.00068482	2.35E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
8615	625082.47	4266655.26	0.00069251	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
8616	625073.37	4266658.84	0.00069986	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04	2.22E-05
8617	625064.27	4266662.43	0.00070689	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
8618	625055.17	4266666.01	0.00071358	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04	2.26E-05
8619	625046.08	4266669.59	0.00071986	2.48E-04	6.02E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
8620	625036.98	4266673.18	0.00072575	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
8621	625027.88	4266676.76	0.00073126	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.82E-05	1.13E-04	2.32E-05
8622	625018.78	4266680.34	0.00073631	2.53E-04	6.15E-04	1.90E-04	1.46E-04	4.85E-05	1.14E-04	2.34E-05
8623	625009.68	4266683.93	0.00074093	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04	2.35E-05
8624	625000.58	4266687.51	0.00074515	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04	2.36E-05
8625	624991.48	4266691.1	0.00074891	2.58E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.16E-04	2.38E-05
8626	624982.38	4266694.68	0.00075224	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04	2.39E-05
8627	624973.29	4266698.26	0.00075514	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.98E-05	1.17E-04	2.40E-05
8628	624964.19	4266701.85	0.00075755	2.61E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.40E-05
8629	624955.09	4266705.43	0.0007595	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
8630	624945.99	4266709.01	0.00076099	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04	2.42E-05
8631	624936.89	4266712.6	0.00076197	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05

8632	624927.79	4266716.18	0.00076246	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
8633	624918.69	4266719.76	0.00076246	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
8634	624909.6	4266723.35	0.000762	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
8635	624900.5	4266726.93	0.00076108	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04	2.42E-05
8636	624891.4	4266730.51	0.00075979	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05
8637	624882.3	4266734.1	0.00075806	2.61E-04	6.34E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.41E-05
8638	624873.2	4266737.68	0.00075606	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
8639	624864.1	4266741.26	0.00075376	2.59E-04	6.30E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.39E-05
8640	624855	4266744.85	0.00075115	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
8641	624845.91	4266748.43	0.00074833	2.57E-04	6.25E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04	2.37E-05
8642	625447.44	4266161.99	0.00040671	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05	1.29E-05
8643	625447.6	4266152.05	0.00040671	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05	1.29E-05
8644	625447.77	4266142.12	0.00040669	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05	1.29E-05
8645	625447.93	4266132.19	0.00040666	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05	1.29E-05
8646	625448.09	4266122.25	0.00040657	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05	1.29E-05
8647	625448.26	4266112.32	0.00040654	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05	1.29E-05
8648	625448.42	4266102.39	0.0004066	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05	1.29E-05
8649	625448.58	4266092.45	0.00040686	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05	1.29E-05
8650	625448.75	4266082.52	0.0004072	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05	1.29E-05
8651	625448.91	4266072.59	0.00040769	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.69E-05	6.29E-05	1.29E-05
8652	625449.07	4266062.65	0.00040826	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05	1.30E-05
8653	625449.24	4266052.72	0.00040892	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05	1.30E-05
8654	625449.4	4266042.79	0.00040967	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05	1.30E-05
8655	625449.56	4266032.85	0.00041039	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05	1.30E-05
8656	625449.73	4266022.92	0.00041116	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.34E-05	1.30E-05
8657	625449.89	4266012.99	0.00041197	1.42E-04	3.44E-04	1.06E-04	8.15E-05	2.71E-05	6.36E-05	1.31E-05
8658	625450.06	4266003.05	0.00041277	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05	1.31E-05
8659	625450.22	4265993.12	0.00041357	1.42E-04	3.46E-04	1.06E-04	8.19E-05	2.72E-05	6.38E-05	1.31E-05
8660	625450.38	4265983.19	0.00041435	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
8661	625450.55	4265973.25	0.00041512	1.43E-04	3.47E-04	1.07E-04	8.22E-05	2.74E-05	6.41E-05	1.32E-05
8662	625450.71	4265963.32	0.00041581	1.43E-04	3.48E-04	1.07E-04	8.23E-05	2.74E-05	6.42E-05	1.32E-05
8663	625450.87	4265953.39	0.00041636	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
8664	625451.04	4265943.45	0.00041679	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.75E-05	6.43E-05	1.32E-05
8665	625451.2	4265933.52	0.0004171	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8666	625451.36	4265923.59	0.0004173	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8667	625451.53	4265913.65	0.00041733	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8668	625451.69	4265903.72	0.00041728	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8669	625451.85	4265893.79	0.0004171	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8670	625452.02	4265883.85	0.00041687	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.75E-05	6.43E-05	1.32E-05
8671	625452.18	4265873.92	0.00041664	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.75E-05	6.43E-05	1.32E-05
8672	625452.34	4265863.99	0.00041641	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.43E-05	1.32E-05
8673	625452.51	4265854.05	0.00041621	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
8674	625452.67	4265844.12	0.00041613	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
8675	625452.84	4265834.19	0.00041618	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
8676	625453	4265824.25	0.00041641	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.43E-05	1.32E-05
8677	625453.16	4265814.32	0.00041684	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.75E-05	6.43E-05	1.32E-05
8678	625453.33	4265804.39	0.00041753	1.44E-04	3.49E-04	1.08E-04	8.26E-05	2.75E-05	6.44E-05	1.33E-05
8679	625453.49	4265794.45	0.00041854	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.46E-05	1.33E-05
8680	625453.65	4265784.52	0.00041977	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05	1.33E-05
8681	625453.82	4265774.59	0.00042124	1.45E-04	3.52E-04	1.08E-04	8.34E-05	2.78E-05	6.50E-05	1.34E-05
8682	625453.98	4265764.65	0.00042296	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05	1.34E-05
8683	625454.14	4265754.72	0.00042494	1.46E-04	3.55E-04	1.09E-04	8.41E-05	2.80E-05	6.56E-05	1.35E-05
8684	625454.31	4265744.79	0.00042709	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.36E-05
8685	625454.47	4265734.85	0.00042944	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.63E-05	1.36E-05
8686	625454.63	4265724.92	0.00043191	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.66E-05	1.37E-05

8687	625454.8	4265714.99	0.00043447	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05	1.38E-05
8688	625454.96	4265705.05	0.00043708	1.50E-04	3.65E-04	1.13E-04	8.65E-05	2.88E-05	6.74E-05	1.39E-05
8689	625455.13	4265695.12	0.00043969	1.51E-04	3.68E-04	1.13E-04	8.70E-05	2.90E-05	6.78E-05	1.40E-05
8690	625455.29	4265685.19	0.00044227	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
8691	625485.77	4266189.68	0.00037862	1.30E-04	3.16E-04	9.75E-05	7.49E-05	2.49E-05	5.84E-05	1.20E-05
8692	625481.88	4266198.63	0.00038077	1.31E-04	3.18E-04	9.80E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
8693	625478	4266207.59	0.00038286	1.32E-04	3.20E-04	9.86E-05	7.58E-05	2.52E-05	5.91E-05	1.22E-05
8694	625474.11	4266216.54	0.00038479	1.32E-04	3.22E-04	9.91E-05	7.62E-05	2.54E-05	5.94E-05	1.22E-05
8695	625470.22	4266225.5	0.00038654	1.33E-04	3.23E-04	9.95E-05	7.65E-05	2.55E-05	5.96E-05	1.23E-05
8696	625466.33	4266234.46	0.00038789	1.33E-04	3.24E-04	9.99E-05	7.68E-05	2.56E-05	5.99E-05	1.23E-05
8697	625462.45	4266243.41	0.00038903	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.00E-05	1.23E-05
8698	625458.56	4266252.37	0.00038995	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
8699	625454.67	4266261.32	0.00039079	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.57E-05	6.03E-05	1.24E-05
8700	625450.79	4266270.28	0.00039145	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
8701	625446.9	4266279.23	0.00039196	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05	1.24E-05
8702	625443.01	4266288.19	0.00039225	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05	1.24E-05
8703	625408.03	4266368.79	0.00039483	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.09E-05	1.25E-05
8704	625404.14	4266377.75	0.00039587	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05	1.26E-05
8705	625400.25	4266386.7	0.00039713	1.37E-04	3.32E-04	1.02E-04	7.86E-05	2.62E-05	6.13E-05	1.26E-05
8706	625396.37	4266395.66	0.00039862	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.27E-05
8707	625392.48	4266404.61	0.00040031	1.38E-04	3.35E-04	1.03E-04	7.92E-05	2.64E-05	6.18E-05	1.27E-05
8708	625388.59	4266413.57	0.00040224	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
8709	625384.7	4266422.52	0.00040433	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
8710	625380.82	4266431.48	0.00040663	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05	1.29E-05
8711	625376.93	4266440.44	0.00040907	1.41E-04	3.42E-04	1.05E-04	8.10E-05	2.70E-05	6.31E-05	1.30E-05
8712	625373.04	4266449.39	0.00041165	1.42E-04	3.44E-04	1.06E-04	8.15E-05	2.71E-05	6.35E-05	1.31E-05
8713	625369.15	4266458.35	0.00041435	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
8714	625365.27	4266467.3	0.00041716	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8715	625361.38	4266476.26	0.00042003	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05	1.33E-05
8716	625357.49	4266485.21	0.00042299	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05	1.34E-05
8717	625353.61	4266494.17	0.00042597	1.46E-04	3.56E-04	1.10E-04	8.43E-05	2.81E-05	6.57E-05	1.35E-05
8718	625349.72	4266503.12	0.00042899	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05	1.36E-05
8719	625345.83	4266512.08	0.00043197	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.67E-05	1.37E-05
8720	625341.94	4266521.04	0.00043495	1.50E-04	3.64E-04	1.12E-04	8.61E-05	2.87E-05	6.71E-05	1.38E-05
8721	625338.06	4266529.99	0.00043791	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05	1.39E-05
8722	625334.17	4266538.95	0.00044081	1.52E-04	3.68E-04	1.13E-04	8.73E-05	2.90E-05	6.80E-05	1.40E-05
8723	625330.28	4266547.9	0.00044362	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05	1.41E-05
8724	625326.4	4266556.86	0.00044635	1.53E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05	1.42E-05
8725	625322.51	4266565.81	0.00044902	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.42E-05
8726	625318.62	4266574.77	0.00045154	1.55E-04	3.77E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05	1.43E-05
8727	625314.73	4266583.73	0.00045398	1.56E-04	3.79E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05	1.44E-05
8728	625310.85	4266592.68	0.00045625	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.01E-05	7.04E-05	1.45E-05
8729	625306.96	4266601.64	0.00045843	1.58E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05	1.45E-05
8730	625303.07	4266610.59	0.00046047	1.58E-04	3.85E-04	1.19E-04	9.11E-05	3.03E-05	7.11E-05	1.46E-05
8731	625290.1	4266623.13	0.00047057	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
8732	625281.02	4266626.7	0.00047884	1.65E-04	4.00E-04	1.23E-04	9.48E-05	3.15E-05	7.39E-05	1.52E-05
8733	625271.93	4266630.28	0.00048716	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05	1.55E-05
8734	625262.85	4266633.86	0.00049548	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.65E-05	1.57E-05
8735	625253.77	4266637.44	0.00050386	1.73E-04	4.21E-04	1.30E-04	9.97E-05	3.32E-05	7.77E-05	1.60E-05
8736	625244.68	4266641.01	0.00051225	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.90E-05	1.63E-05
8737	625235.6	4266644.59	0.0005206	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
8738	625226.52	4266648.17	0.00052892	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05	1.68E-05
8739	625217.43	4266651.75	0.00053719	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05
8740	625208.35	4266655.32	0.00054537	1.88E-04	4.56E-04	1.40E-04	1.08E-04	3.59E-05	8.42E-05	1.73E-05
8741	625199.26	4266658.9	0.00055349	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05	1.76E-05

8742	625190.18	4266662.48	0.00056147	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.66E-05	1.78E-05
8743	625181.1	4266666.06	0.00056936	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.79E-05	1.81E-05
8744	625172.01	4266669.63	0.00057711	1.98E-04	4.82E-04	1.49E-04	1.14E-04	3.80E-05	8.91E-05	1.83E-05
8745	625162.93	4266673.21	0.00058471	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.85E-05	9.02E-05	1.86E-05
8746	625153.85	4266676.79	0.00059218	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.14E-05	1.88E-05
8747	625144.76	4266680.37	0.00059949	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.25E-05	1.90E-05
8748	625135.68	4266683.95	0.00060664	2.09E-04	5.07E-04	1.56E-04	1.20E-04	4.00E-05	9.36E-05	1.93E-05
8749	625126.59	4266687.52	0.00061362	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
8750	625117.51	4266691.1	0.00062039	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
8751	625108.43	4266694.68	0.00062693	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
8752	625099.34	4266698.26	0.00063325	2.18E-04	5.29E-04	1.63E-04	1.25E-04	4.17E-05	9.77E-05	2.01E-05
8753	625090.26	4266701.83	0.0006393	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.86E-05	2.03E-05
8754	625081.18	4266705.41	0.00064507	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05	2.05E-05
8755	625072.09	4266708.99	0.00065055	2.24E-04	5.44E-04	1.67E-04	1.29E-04	4.29E-05	1.00E-04	2.06E-05
8756	625063.01	4266712.57	0.00065569	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
8757	625053.92	4266716.14	0.00066051	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.10E-05
8758	625044.84	4266719.72	0.00066499	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.38E-05	1.03E-04	2.11E-05
8759	625035.76	4266723.3	0.00066912	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.41E-05	1.03E-04	2.12E-05
8760	625026.67	4266726.88	0.00067291	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.14E-05
8761	625017.59	4266730.45	0.00067638	2.33E-04	5.65E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
8762	625008.51	4266734.03	0.00067948	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.48E-05	1.05E-04	2.16E-05
8763	624999.42	4266737.61	0.00068227	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
8764	624990.34	4266741.19	0.00068468	2.35E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
8765	624981.25	4266744.76	0.00068674	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04	2.18E-05
8766	624972.17	4266748.34	0.00068844	2.37E-04	5.75E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.18E-05
8767	624963.09	4266751.92	0.00068973	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.54E-05	1.06E-04	2.19E-05
8768	624954	4266755.5	0.00069062	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
8769	624944.92	4266759.08	0.00069111	2.38E-04	5.78E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
8770	624935.84	4266762.65	0.00069122	2.38E-04	5.78E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
8771	624926.75	4266766.23	0.00069091	2.38E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
8772	624917.67	4266769.81	0.00069022	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
8773	624908.58	4266773.39	0.00068915	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
8774	624899.5	4266776.96	0.00068778	2.37E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05
8775	624890.42	4266780.54	0.00068608	2.36E-04	5.73E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04	2.18E-05
8776	624881.33	4266784.12	0.0006841	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
8777	624872.25	4266787.7	0.00068189	2.34E-04	5.70E-04	1.76E-04	1.35E-04	4.49E-05	1.05E-04	2.16E-05
8778	624863.17	4266791.27	0.00067948	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.48E-05	1.05E-04	2.16E-05
8779	624854.08	4266794.85	0.00067684	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
8780	624845	4266798.43	0.00067403	2.32E-04	5.63E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
8781	625497.43	4266162.81	0.0003717	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
8782	625497.6	4266152.88	0.00037153	1.28E-04	3.11E-04	9.57E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
8783	625497.76	4266142.94	0.00037133	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
8784	625497.92	4266133.01	0.00037113	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
8785	625498.09	4266123.08	0.00037107	1.28E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.73E-05	1.18E-05
8786	625498.25	4266113.14	0.00037107	1.28E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.73E-05	1.18E-05
8787	625498.41	4266103.21	0.0003711	1.28E-04	3.10E-04	9.55E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
8788	625498.58	4266093.28	0.00037104	1.28E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.73E-05	1.18E-05
8789	625498.74	4266083.34	0.00037107	1.28E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.73E-05	1.18E-05
8790	625498.9	4266073.41	0.00037118	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
8791	625499.07	4266063.48	0.00037138	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
8792	625499.23	4266053.54	0.00037164	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.73E-05	1.18E-05
8793	625499.39	4266043.61	0.00037201	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
8794	625499.56	4266033.68	0.00037242	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
8795	625499.72	4266023.74	0.00037288	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
8796	625499.89	4266013.81	0.00037334	1.28E-04	3.12E-04	9.61E-05	7.39E-05	2.46E-05	5.76E-05	1.18E-05

8797	625500.05	4266003.88	0.00037385	1.29E-04	3.12E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05	1.19E-05
8798	625500.21	4265993.94	0.00037434	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
8799	625500.38	4265984.01	0.00037474	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.78E-05	1.19E-05
8800	625500.54	4265974.08	0.00037506	1.29E-04	3.13E-04	9.66E-05	7.42E-05	2.47E-05	5.79E-05	1.19E-05
8801	625500.7	4265964.14	0.00037526	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
8802	625500.87	4265954.21	0.0003754	1.29E-04	3.14E-04	9.67E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
8803	625501.03	4265944.28	0.00037543	1.29E-04	3.14E-04	9.67E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
8804	625501.19	4265934.34	0.00037537	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
8805	625501.36	4265924.41	0.0003752	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
8806	625501.52	4265914.48	0.00037497	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.79E-05	1.19E-05
8807	625501.68	4265904.54	0.00037468	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.78E-05	1.19E-05
8808	625501.85	4265894.61	0.00037431	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
8809	625502.01	4265884.68	0.00037394	1.29E-04	3.13E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05	1.19E-05
8810	625502.17	4265874.74	0.00037356	1.28E-04	3.12E-04	9.62E-05	7.39E-05	2.46E-05	5.76E-05	1.19E-05
8811	625502.34	4265864.81	0.00037322	1.28E-04	3.12E-04	9.61E-05	7.39E-05	2.46E-05	5.76E-05	1.18E-05
8812	625502.5	4265854.88	0.00037302	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.76E-05	1.18E-05
8813	625502.67	4265844.94	0.0003729	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
8814	625502.83	4265835.01	0.00037288	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
8815	625502.99	4265825.08	0.00037313	1.28E-04	3.12E-04	9.61E-05	7.39E-05	2.46E-05	5.76E-05	1.18E-05
8816	625503.16	4265815.14	0.00037359	1.28E-04	3.12E-04	9.62E-05	7.39E-05	2.46E-05	5.76E-05	1.19E-05
8817	625503.32	4265805.21	0.00037431	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
8818	625503.48	4265795.28	0.00037526	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
8819	625503.65	4265785.34	0.00037646	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
8820	625503.81	4265775.41	0.0003779	1.30E-04	3.16E-04	9.73E-05	7.48E-05	2.49E-05	5.83E-05	1.20E-05
8821	625503.97	4265765.48	0.00037948	1.30E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
8822	625504.14	4265755.54	0.00038129	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.88E-05	1.21E-05
8823	625504.3	4265745.61	0.00038327	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.53E-05	5.91E-05	1.22E-05
8824	625504.46	4265735.68	0.00038548	1.33E-04	3.22E-04	9.92E-05	7.63E-05	2.54E-05	5.95E-05	1.22E-05
8825	625504.63	4265725.74	0.00038777	1.33E-04	3.24E-04	9.98E-05	7.68E-05	2.55E-05	5.98E-05	1.23E-05
8826	625504.79	4265715.81	0.00039018	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
8827	625504.95	4265705.88	0.00039259	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05	1.25E-05
8828	625505.12	4265695.94	0.00039503	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.10E-05	1.25E-05
8829	625505.28	4265686.01	0.00039747	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.13E-05	1.26E-05
8830	625535.56	4266190.96	0.00034837	1.20E-04	2.91E-04	8.97E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
8831	625531.61	4266200.07	0.00035029	1.20E-04	2.93E-04	9.02E-05	6.93E-05	2.31E-05	5.41E-05	1.11E-05
8832	625527.66	4266209.18	0.00035201	1.21E-04	2.94E-04	9.06E-05	6.97E-05	2.32E-05	5.43E-05	1.12E-05
8833	625523.7	4266218.29	0.00035356	1.22E-04	2.96E-04	9.10E-05	7.00E-05	2.33E-05	5.46E-05	1.12E-05
8834	625519.75	4266227.39	0.00035494	1.22E-04	2.97E-04	9.14E-05	7.03E-05	2.34E-05	5.48E-05	1.13E-05
8835	625515.8	4266236.5	0.0003562	1.22E-04	2.98E-04	9.17E-05	7.05E-05	2.35E-05	5.50E-05	1.13E-05
8836	625511.84	4266245.61	0.00035723	1.23E-04	2.99E-04	9.20E-05	7.07E-05	2.35E-05	5.51E-05	1.13E-05
8837	625507.89	4266254.72	0.00035798	1.23E-04	2.99E-04	9.22E-05	7.09E-05	2.36E-05	5.52E-05	1.14E-05
8838	625503.94	4266263.83	0.00035853	1.23E-04	3.00E-04	9.23E-05	7.10E-05	2.36E-05	5.53E-05	1.14E-05
8839	625499.98	4266272.94	0.0003589	1.23E-04	3.00E-04	9.24E-05	7.10E-05	2.36E-05	5.54E-05	1.14E-05
8840	625496.03	4266282.05	0.00035913	1.23E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05	1.14E-05
8841	625492.07	4266291.16	0.00035913	1.23E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05	1.14E-05
8842	625456.49	4266373.13	0.00035818	1.23E-04	2.99E-04	9.22E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
8843	625452.54	4266382.24	0.00035864	1.23E-04	3.00E-04	9.23E-05	7.10E-05	2.36E-05	5.53E-05	1.14E-05
8844	625448.58	4266391.35	0.0003593	1.24E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05	1.14E-05
8845	625444.63	4266400.46	0.00036016	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.56E-05	1.14E-05
8846	625440.68	4266409.57	0.00036125	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.57E-05	1.15E-05
8847	625436.72	4266418.68	0.00036254	1.25E-04	3.03E-04	9.33E-05	7.18E-05	2.39E-05	5.59E-05	1.15E-05
8848	625432.77	4266427.79	0.00036401	1.25E-04	3.04E-04	9.37E-05	7.21E-05	2.40E-05	5.62E-05	1.16E-05
8849	625428.82	4266436.9	0.0003657	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.64E-05	1.16E-05
8850	625424.86	4266446	0.00036757	1.26E-04	3.07E-04	9.46E-05	7.28E-05	2.42E-05	5.67E-05	1.17E-05
8851	625420.91	4266455.11	0.00036958	1.27E-04	3.09E-04	9.52E-05	7.32E-05	2.44E-05	5.70E-05	1.17E-05

8852	625416.96	4266464.22	0.00037173	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
8853	625413	4266473.33	0.00037405	1.29E-04	3.13E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05	1.19E-05
8854	625409.05	4266482.44	0.00037646	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
8855	625405.09	4266491.55	0.00037899	1.30E-04	3.17E-04	9.76E-05	7.50E-05	2.50E-05	5.85E-05	1.20E-05
8856	625401.14	4266500.66	0.0003816	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.89E-05	1.21E-05
8857	625397.19	4266509.77	0.00038427	1.32E-04	3.21E-04	9.89E-05	7.61E-05	2.53E-05	5.93E-05	1.22E-05
8858	625393.23	4266518.87	0.000387	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
8859	625389.28	4266527.98	0.00038972	1.34E-04	3.26E-04	1.00E-04	7.71E-05	2.57E-05	6.01E-05	1.24E-05
8860	625385.33	4266537.09	0.00039248	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05	1.25E-05
8861	625381.37	4266546.2	0.00039523	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.10E-05	1.25E-05
8862	625377.42	4266555.31	0.00039796	1.37E-04	3.33E-04	1.02E-04	7.88E-05	2.62E-05	6.14E-05	1.26E-05
8863	625373.47	4266564.42	0.00040066	1.38E-04	3.35E-04	1.03E-04	7.93E-05	2.64E-05	6.18E-05	1.27E-05
8864	625369.51	4266573.53	0.0004033	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
8865	625365.56	4266582.63	0.00040585	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
8866	625361.6	4266591.74	0.00040838	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05	1.30E-05
8867	625357.65	4266600.85	0.00041076	1.41E-04	3.43E-04	1.06E-04	8.13E-05	2.71E-05	6.34E-05	1.30E-05
8868	625353.7	4266609.96	0.00041306	1.42E-04	3.45E-04	1.06E-04	8.18E-05	2.72E-05	6.37E-05	1.31E-05
8869	625349.74	4266619.07	0.00041527	1.43E-04	3.47E-04	1.07E-04	8.22E-05	2.74E-05	6.41E-05	1.32E-05
8870	625345.79	4266628.18	0.00041736	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8871	625341.84	4266637.29	0.00041931	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
8872	625337.88	4266646.4	0.00042115	1.45E-04	3.52E-04	1.08E-04	8.34E-05	2.77E-05	6.50E-05	1.34E-05
8873	625324.69	4266659.14	0.00043008	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.64E-05	1.36E-05
8874	625315.45	4266662.78	0.00043734	1.50E-04	3.66E-04	1.13E-04	8.66E-05	2.88E-05	6.75E-05	1.39E-05
8875	625306.21	4266666.42	0.0004446	1.53E-04	3.72E-04	1.14E-04	8.80E-05	2.93E-05	6.86E-05	1.41E-05
8876	625296.97	4266670.06	0.00045192	1.55E-04	3.78E-04	1.16E-04	8.95E-05	2.98E-05	6.97E-05	1.43E-05
8877	625287.73	4266673.7	0.00045924	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05	1.46E-05
8878	625278.49	4266677.34	0.00046655	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.20E-05	1.48E-05
8879	625269.26	4266680.98	0.00047382	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05	1.50E-05
8880	625260.02	4266684.61	0.00048111	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05	1.53E-05
8881	625250.78	4266688.25	0.00048831	1.68E-04	4.08E-04	1.26E-04	9.67E-05	3.22E-05	7.53E-05	1.55E-05
8882	625241.54	4266691.89	0.00049548	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.65E-05	1.57E-05
8883	625232.3	4266695.53	0.00050257	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.75E-05	1.59E-05
8884	625223.06	4266699.17	0.00050958	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.86E-05	1.62E-05
8885	625213.82	4266702.81	0.00051649	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
8886	625204.58	4266706.45	0.00052329	1.80E-04	4.37E-04	1.35E-04	1.04E-04	3.45E-05	8.07E-05	1.66E-05
8887	625195.34	4266710.09	0.00053001	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
8888	625186.1	4266713.73	0.00053658	1.85E-04	4.48E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
8889	625176.87	4266717.36	0.00054307	1.87E-04	4.54E-04	1.40E-04	1.07E-04	3.58E-05	8.38E-05	1.72E-05
8890	625167.63	4266721	0.00054938	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
8891	625158.39	4266724.64	0.00055558	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05	1.76E-05
8892	625149.15	4266728.28	0.00056164	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05	1.78E-05
8893	625139.91	4266731.92	0.00056749	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.76E-05	1.80E-05
8894	625130.67	4266735.56	0.00057318	1.97E-04	4.79E-04	1.48E-04	1.13E-04	3.78E-05	8.84E-05	1.82E-05
8895	625121.43	4266739.2	0.00057866	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05	1.84E-05
8896	625112.19	4266742.84	0.00058391	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05	1.85E-05
8897	625102.95	4266746.47	0.00058893	2.03E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
8898	625093.71	4266750.11	0.0005937	2.04E-04	4.96E-04	1.53E-04	1.18E-04	3.91E-05	9.16E-05	1.88E-05
8899	625084.48	4266753.75	0.00059815	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.23E-05	1.90E-05
8900	625075.24	4266757.39	0.00060234	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.97E-05	9.29E-05	1.91E-05
8901	625066	4266761.03	0.00060624	2.08E-04	5.07E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05	1.92E-05
8902	625056.76	4266764.67	0.00060986	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.41E-05	1.94E-05
8903	625047.52	4266768.31	0.00061318	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05	1.95E-05
8904	625038.28	4266771.95	0.00061623	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05	1.96E-05
8905	625029.04	4266775.58	0.00061901	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
8906	625019.8	4266779.22	0.00062148	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.59E-05	1.97E-05

8907	625010.56	4266782.86	0.00062369	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05	1.98E-05
8908	625001.32	4266786.5	0.00062558	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.99E-05
8909	624992.08	4266790.14	0.00062719	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.68E-05	1.99E-05
8910	624982.85	4266793.78	0.00062845	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05	1.99E-05
8911	624973.61	4266797.42	0.00062943	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.71E-05	2.00E-05
8912	624964.37	4266801.06	0.00063003	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.72E-05	2.00E-05
8913	624955.13	4266804.69	0.00063032	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.73E-05	2.00E-05
8914	624945.89	4266808.33	0.00063023	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.72E-05	2.00E-05
8915	624936.65	4266811.97	0.0006298	2.17E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.72E-05	2.00E-05
8916	624927.41	4266815.61	0.00062906	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.14E-05	9.71E-05	2.00E-05
8917	624918.17	4266819.25	0.00062797	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.69E-05	1.99E-05
8918	624908.93	4266822.89	0.00062659	2.15E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
8919	624899.69	4266826.53	0.00062492	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05	1.98E-05
8920	624890.46	4266830.17	0.000623	2.14E-04	5.21E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05	1.98E-05
8921	624881.22	4266833.8	0.0006209	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05	1.97E-05
8922	624871.98	4266837.44	0.00061858	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
8923	624862.74	4266841.08	0.00061608	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05	1.96E-05
8924	624853.5	4266844.72	0.00061341	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
8925	624844.26	4266848.36	0.0006106	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
8926	625547.43	4266163.63	0.00034171	1.18E-04	2.86E-04	8.80E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
8927	625547.59	4266153.7	0.00034156	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
8928	625547.75	4266143.77	0.00034136	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
8929	625547.92	4266133.83	0.00034113	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
8930	625548.08	4266123.9	0.00034085	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
8931	625548.24	4266113.97	0.00034056	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
8932	625548.41	4266104.03	0.0003403	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
8933	625548.57	4266094.1	0.00034007	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
8934	625548.73	4266084.17	0.00033993	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
8935	625548.9	4266074.23	0.00033981	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05	1.08E-05
8936	625549.06	4266064.3	0.0003399	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05	1.08E-05
8937	625549.22	4266054.37	0.00033996	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
8938	625549.39	4266044.43	0.00034007	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
8939	625549.55	4266034.5	0.00034019	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
8940	625549.71	4266024.57	0.0003403	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
8941	625549.88	4266014.63	0.00034042	1.17E-04	2.85E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
8942	625550.04	4266004.7	0.00034053	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
8943	625550.21	4265994.77	0.00034059	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
8944	625550.37	4265984.83	0.00034062	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
8945	625550.53	4265974.9	0.00034062	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
8946	625550.7	4265964.97	0.0003405	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
8947	625550.86	4265955.03	0.00034033	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
8948	625551.02	4265945.1	0.00034016	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
8949	625551.19	4265935.17	0.00033984	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05	1.08E-05
8950	625551.35	4265925.23	0.00033947	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
8951	625551.51	4265915.3	0.00033895	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
8952	625551.68	4265905.37	0.00033846	1.16E-04	2.83E-04	8.71E-05	6.70E-05	2.23E-05	5.22E-05	1.07E-05
8953	625551.84	4265895.43	0.00033795	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05	1.07E-05
8954	625552	4265885.5	0.00033749	1.16E-04	2.82E-04	8.69E-05	6.68E-05	2.22E-05	5.21E-05	1.07E-05
8955	625552.17	4265875.57	0.00033703	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
8956	625552.33	4265865.63	0.00033668	1.16E-04	2.81E-04	8.67E-05	6.66E-05	2.22E-05	5.20E-05	1.07E-05
8957	625552.49	4265855.7	0.00033643	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
8958	625552.66	4265845.77	0.00033634	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
8959	625552.82	4265835.83	0.00033643	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
8960	625552.99	4265825.9	0.00033648	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
8961	625553.15	4265815.97	0.00033677	1.16E-04	2.81E-04	8.67E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05

8962	625553.31	4265806.03	0.00033723	1.16E-04	2.82E-04	8.68E-05	6.68E-05	2.22E-05	5.20E-05	1.07E-05
8963	625553.48	4265796.1	0.00033815	1.16E-04	2.83E-04	8.71E-05	6.69E-05	2.23E-05	5.22E-05	1.07E-05
8964	625553.64	4265786.17	0.0003393	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
8965	625553.8	4265776.23	0.0003407	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
8966	625553.97	4265766.3	0.00034231	1.18E-04	2.86E-04	8.81E-05	6.78E-05	2.26E-05	5.28E-05	1.09E-05
8967	625554.13	4265756.37	0.00034412	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05	1.09E-05
8968	625554.29	4265746.43	0.00034607	1.19E-04	2.89E-04	8.91E-05	6.85E-05	2.28E-05	5.34E-05	1.10E-05
8969	625554.46	4265736.5	0.00034814	1.20E-04	2.91E-04	8.96E-05	6.89E-05	2.29E-05	5.37E-05	1.10E-05
8970	625554.62	4265726.57	0.00035029	1.20E-04	2.93E-04	9.02E-05	6.93E-05	2.31E-05	5.41E-05	1.11E-05
8971	625554.78	4265716.63	0.00035256	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05	1.12E-05
8972	625554.95	4265706.7	0.00035454	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05	1.13E-05
8973	625555.11	4265696.77	0.00035643	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05	1.13E-05
8974	625555.28	4265686.83	0.00035835	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
8975	625635.61	4266192.48	0.00029926	1.03E-04	2.50E-04	7.71E-05	5.92E-05	1.97E-05	4.62E-05	9.50E-06
8976	625631.67	4266201.55	0.00030092	1.03E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.64E-05	9.55E-06
8977	625627.73	4266210.61	0.00030242	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
8978	625623.8	4266219.68	0.00030374	1.04E-04	2.54E-04	7.82E-05	6.01E-05	2.00E-05	4.69E-05	9.64E-06
8979	625619.86	4266228.75	0.00030491	1.05E-04	2.55E-04	7.85E-05	6.04E-05	2.01E-05	4.70E-05	9.68E-06
8980	625615.93	4266237.81	0.00030595	1.05E-04	2.56E-04	7.88E-05	6.06E-05	2.02E-05	4.72E-05	9.71E-06
8981	625611.99	4266246.88	0.00030684	1.06E-04	2.56E-04	7.90E-05	6.07E-05	2.02E-05	4.73E-05	9.74E-06
8982	625608.06	4266255.95	0.0003075	1.06E-04	2.57E-04	7.92E-05	6.09E-05	2.03E-05	4.74E-05	9.76E-06
8983	625604.12	4266265.01	0.00030787	1.06E-04	2.57E-04	7.93E-05	6.09E-05	2.03E-05	4.75E-05	9.77E-06
8984	625600.19	4266274.08	0.0003081	1.06E-04	2.58E-04	7.93E-05	6.10E-05	2.03E-05	4.75E-05	9.78E-06
8985	625596.25	4266283.15	0.00030816	1.06E-04	2.58E-04	7.93E-05	6.10E-05	2.03E-05	4.76E-05	9.78E-06
8986	625592.32	4266292.21	0.00030801	1.06E-04	2.57E-04	7.93E-05	6.10E-05	2.03E-05	4.75E-05	9.78E-06
8987	625556.9	4266373.81	0.00030253	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
8988	625552.96	4266382.88	0.0003021	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
8989	625549.03	4266391.95	0.00030179	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.66E-05	9.58E-06
8990	625545.09	4266401.02	0.00030161	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.65E-05	9.57E-06
8991	625541.16	4266410.08	0.00030158	1.04E-04	2.52E-04	7.76E-05	5.97E-05	1.99E-05	4.65E-05	9.57E-06
8992	625537.22	4266419.15	0.00030173	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.66E-05	9.58E-06
8993	625533.28	4266428.22	0.00030201	1.04E-04	2.52E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.58E-06
8994	625529.35	4266437.28	0.0003025	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
8995	625525.41	4266446.35	0.00030313	1.04E-04	2.53E-04	7.80E-05	6.00E-05	2.00E-05	4.68E-05	9.62E-06
8996	625521.48	4266455.42	0.00030391	1.05E-04	2.54E-04	7.82E-05	6.02E-05	2.00E-05	4.69E-05	9.65E-06
8997	625517.54	4266464.48	0.00030488	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05	9.68E-06
8998	625513.61	4266473.55	0.00030598	1.05E-04	2.56E-04	7.88E-05	6.06E-05	2.02E-05	4.72E-05	9.71E-06
8999	625509.67	4266482.62	0.00030724	1.06E-04	2.57E-04	7.91E-05	6.08E-05	2.02E-05	4.74E-05	9.75E-06
9000	625505.74	4266491.68	0.00030862	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.03E-05	4.76E-05	9.79E-06
9001	625501.8	4266500.75	0.00031014	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.04E-05	4.79E-05	9.84E-06
9002	625497.87	4266509.82	0.00031177	1.07E-04	2.61E-04	8.03E-05	6.17E-05	2.05E-05	4.81E-05	9.89E-06
9003	625493.93	4266518.88	0.00031349	1.08E-04	2.62E-04	8.07E-05	6.21E-05	2.07E-05	4.84E-05	9.95E-06
9004	625490	4266527.95	0.00031533	1.08E-04	2.64E-04	8.12E-05	6.24E-05	2.08E-05	4.87E-05	1.00E-05
9005	625486.06	4266537.02	0.00031725	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05	1.01E-05
9006	625482.12	4266546.08	0.00031929	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05	1.01E-05
9007	625478.19	4266555.15	0.00032136	1.11E-04	2.69E-04	8.27E-05	6.36E-05	2.12E-05	4.96E-05	1.02E-05
9008	625474.25	4266564.22	0.00032348	1.11E-04	2.70E-04	8.33E-05	6.40E-05	2.13E-05	4.99E-05	1.03E-05
9009	625470.32	4266573.28	0.00032566	1.12E-04	2.72E-04	8.38E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
9010	625466.38	4266582.35	0.00032787	1.13E-04	2.74E-04	8.44E-05	6.49E-05	2.16E-05	5.06E-05	1.04E-05
9011	625462.45	4266591.42	0.00033011	1.14E-04	2.76E-04	8.50E-05	6.53E-05	2.18E-05	5.09E-05	1.05E-05
9012	625458.51	4266600.48	0.00033238	1.14E-04	2.78E-04	8.56E-05	6.58E-05	2.19E-05	5.13E-05	1.05E-05
9013	625454.58	4266609.55	0.00033462	1.15E-04	2.80E-04	8.62E-05	6.62E-05	2.20E-05	5.16E-05	1.06E-05
9014	625450.64	4266618.62	0.00033686	1.16E-04	2.82E-04	8.67E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
9015	625446.71	4266627.68	0.00033907	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
9016	625442.77	4266636.75	0.00034125	1.17E-04	2.85E-04	8.79E-05	6.75E-05	2.25E-05	5.27E-05	1.08E-05

9017	625438.83	4266645.82	0.0003434	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
9018	625434.9	4266654.88	0.00034547	1.19E-04	2.89E-04	8.89E-05	6.84E-05	2.28E-05	5.33E-05	1.10E-05
9019	625430.96	4266663.95	0.00034748	1.19E-04	2.90E-04	8.95E-05	6.88E-05	2.29E-05	5.36E-05	1.10E-05
9020	625427.03	4266673.02	0.00034943	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.39E-05	1.11E-05
9021	625423.09	4266682.08	0.00035129	1.21E-04	2.94E-04	9.04E-05	6.95E-05	2.31E-05	5.42E-05	1.11E-05
9022	625419.16	4266691.15	0.00035304	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
9023	625415.22	4266700.22	0.00035474	1.22E-04	2.97E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05	1.13E-05
9024	625411.29	4266709.28	0.00035632	1.23E-04	2.98E-04	9.17E-05	7.05E-05	2.35E-05	5.50E-05	1.13E-05
9025	625407.35	4266718.35	0.00035778	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05	1.14E-05
9026	625394.22	4266731.04	0.00036467	1.25E-04	3.05E-04	9.39E-05	7.22E-05	2.40E-05	5.63E-05	1.16E-05
9027	625385.02	4266734.66	0.00037018	1.27E-04	3.09E-04	9.53E-05	7.33E-05	2.44E-05	5.71E-05	1.17E-05
9028	625375.83	4266738.28	0.00037572	1.29E-04	3.14E-04	9.67E-05	7.44E-05	2.48E-05	5.80E-05	1.19E-05
9029	625366.63	4266741.91	0.00038123	1.31E-04	3.19E-04	9.81E-05	7.55E-05	2.51E-05	5.88E-05	1.21E-05
9030	625357.43	4266745.53	0.00038674	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
9031	625348.24	4266749.15	0.00039222	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05	1.24E-05
9032	625339.04	4266752.77	0.00039767	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.14E-05	1.26E-05
9033	625329.84	4266756.39	0.00040313	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
9034	625320.65	4266760.02	0.00040849	1.40E-04	3.41E-04	1.05E-04	8.09E-05	2.69E-05	6.30E-05	1.30E-05
9035	625311.45	4266763.64	0.00041386	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.39E-05	1.31E-05
9036	625302.25	4266767.26	0.0004192	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
9037	625293.06	4266770.88	0.00042445	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05	1.35E-05
9038	625283.86	4266774.5	0.00042967	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.63E-05	1.36E-05
9039	625274.67	4266778.13	0.00043481	1.50E-04	3.63E-04	1.12E-04	8.61E-05	2.86E-05	6.71E-05	1.38E-05
9040	625265.47	4266781.75	0.00043989	1.51E-04	3.68E-04	1.13E-04	8.71E-05	2.90E-05	6.79E-05	1.40E-05
9041	625256.27	4266785.37	0.00044494	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05	1.41E-05
9042	625247.08	4266788.99	0.00044988	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05	1.43E-05
9043	625237.88	4266792.61	0.00045479	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05	1.44E-05
9044	625228.68	4266796.24	0.00045961	1.58E-04	3.84E-04	1.18E-04	9.10E-05	3.03E-05	7.09E-05	1.46E-05
9045	625219.49	4266799.86	0.00046434	1.60E-04	3.88E-04	1.20E-04	9.19E-05	3.06E-05	7.17E-05	1.47E-05
9046	625210.29	4266803.48	0.00046899	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.24E-05	1.49E-05
9047	625201.09	4266807.1	0.00047356	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.31E-05	1.50E-05
9048	625191.9	4266810.72	0.00047801	1.64E-04	4.00E-04	1.23E-04	9.46E-05	3.15E-05	7.38E-05	1.52E-05
9049	625182.7	4266814.35	0.00048234	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05	1.53E-05
9050	625173.5	4266817.97	0.00048656	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.21E-05	7.51E-05	1.54E-05
9051	625164.31	4266821.59	0.00049063	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05	1.56E-05
9052	625155.11	4266825.21	0.00049454	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05	1.57E-05
9053	625145.92	4266828.83	0.00049827	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05	1.58E-05
9054	625136.72	4266832.46	0.00050183	1.73E-04	4.19E-04	1.29E-04	9.93E-05	3.31E-05	7.74E-05	1.59E-05
9055	625127.52	4266836.08	0.00050518	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.60E-05
9056	625118.33	4266839.7	0.00050834	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05	1.61E-05
9057	625109.13	4266843.32	0.0005113	1.76E-04	4.27E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05	1.62E-05
9058	625099.93	4266846.94	0.00051402	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
9059	625090.74	4266850.57	0.00051658	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
9060	625081.54	4266854.19	0.00051896	1.78E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
9061	625072.34	4266857.81	0.00052111	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
9062	625063.15	4266861.43	0.00052312	1.80E-04	4.37E-04	1.35E-04	1.04E-04	3.45E-05	8.07E-05	1.66E-05
9063	625053.95	4266865.05	0.00052493	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05
9064	625044.75	4266868.68	0.00052657	1.81E-04	4.40E-04	1.36E-04	1.04E-04	3.47E-05	8.13E-05	1.67E-05
9065	625035.56	4266872.3	0.00052803	1.82E-04	4.41E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05	1.68E-05
9066	625026.36	4266875.92	0.00052932	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
9067	625017.16	4266879.54	0.00053038	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
9068	625007.97	4266883.16	0.00053124	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
9069	624998.77	4266886.79	0.00053188	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.50E-05	8.21E-05	1.69E-05
9070	624989.58	4266890.41	0.00053228	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.21E-05	1.69E-05
9071	624980.38	4266894.03	0.00053245	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05

9072	624971.18	4266897.65	0.00053234	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.21E-05	1.69E-05
9073	624961.99	4266901.27	0.00053199	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.21E-05	1.69E-05
9074	624952.79	4266904.9	0.00053136	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
9075	624943.59	4266908.52	0.0005305	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
9076	624934.4	4266912.14	0.00052938	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
9077	624925.2	4266915.76	0.000528	1.82E-04	4.41E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05	1.68E-05
9078	624916	4266919.38	0.00052645	1.81E-04	4.40E-04	1.36E-04	1.04E-04	3.47E-05	8.12E-05	1.67E-05
9079	624906.81	4266923.01	0.00052467	1.80E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05
9080	624897.61	4266926.63	0.00052272	1.80E-04	4.37E-04	1.35E-04	1.03E-04	3.44E-05	8.07E-05	1.66E-05
9081	624888.41	4266930.25	0.00052063	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
9082	624879.22	4266933.87	0.00051836	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.42E-05	8.00E-05	1.65E-05
9083	624870.02	4266937.49	0.00051598	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
9084	624860.83	4266941.12	0.00051345	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.92E-05	1.63E-05
9085	624851.63	4266944.74	0.00051081	1.76E-04	4.27E-04	1.32E-04	1.01E-04	3.37E-05	7.88E-05	1.62E-05
9086	624842.43	4266948.36	0.00050808	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05	1.61E-05
9087	625647.41	4266165.28	0.00029366	1.01E-04	2.45E-04	7.56E-05	5.81E-05	1.93E-05	4.53E-05	9.32E-06
9088	625647.58	4266155.35	0.00029329	1.01E-04	2.45E-04	7.55E-05	5.81E-05	1.93E-05	4.53E-05	9.31E-06
9089	625647.74	4266145.41	0.00029283	1.01E-04	2.45E-04	7.54E-05	5.80E-05	1.93E-05	4.52E-05	9.29E-06
9090	625647.9	4266135.48	0.00029237	1.01E-04	2.44E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.28E-06
9091	625648.07	4266125.55	0.00029183	1.00E-04	2.44E-04	7.51E-05	5.78E-05	1.92E-05	4.50E-05	9.26E-06
9092	625648.23	4266115.61	0.00029128	1.00E-04	2.43E-04	7.50E-05	5.77E-05	1.92E-05	4.49E-05	9.24E-06
9093	625648.39	4266105.68	0.00029074	1.00E-04	2.43E-04	7.49E-05	5.75E-05	1.92E-05	4.49E-05	9.23E-06
9094	625648.56	4266095.75	0.00029022	9.98E-05	2.43E-04	7.47E-05	5.74E-05	1.91E-05	4.48E-05	9.21E-06
9095	625648.72	4266085.81	0.00028976	9.96E-05	2.42E-04	7.46E-05	5.74E-05	1.91E-05	4.47E-05	9.20E-06
9096	625648.88	4266075.88	0.0002893	9.95E-05	2.42E-04	7.45E-05	5.73E-05	1.91E-05	4.46E-05	9.18E-06
9097	625649.05	4266065.95	0.00028887	9.93E-05	2.41E-04	7.44E-05	5.72E-05	1.90E-05	4.46E-05	9.17E-06
9098	625649.21	4266056.01	0.00028847	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05	9.15E-06
9099	625649.37	4266046.08	0.00028801	9.90E-05	2.41E-04	7.42E-05	5.70E-05	1.90E-05	4.44E-05	9.14E-06
9100	625649.54	4266036.15	0.00028758	9.89E-05	2.40E-04	7.40E-05	5.69E-05	1.89E-05	4.44E-05	9.13E-06
9101	625649.7	4266026.21	0.00028715	9.87E-05	2.40E-04	7.39E-05	5.68E-05	1.89E-05	4.43E-05	9.11E-06
9102	625649.86	4266016.28	0.00028669	9.86E-05	2.40E-04	7.38E-05	5.67E-05	1.89E-05	4.42E-05	9.10E-06
9103	625650.03	4266006.35	0.00028626	9.84E-05	2.39E-04	7.37E-05	5.67E-05	1.89E-05	4.42E-05	9.08E-06
9104	625650.19	4265996.41	0.00028583	9.83E-05	2.39E-04	7.36E-05	5.66E-05	1.88E-05	4.41E-05	9.07E-06
9105	625650.36	4265986.48	0.00028534	9.81E-05	2.39E-04	7.35E-05	5.65E-05	1.88E-05	4.40E-05	9.06E-06
9106	625650.52	4265976.55	0.00028471	9.79E-05	2.38E-04	7.33E-05	5.64E-05	1.88E-05	4.39E-05	9.04E-06
9107	625650.68	4265966.61	0.00028399	9.77E-05	2.37E-04	7.31E-05	5.62E-05	1.87E-05	4.38E-05	9.01E-06
9108	625650.85	4265956.68	0.00028322	9.74E-05	2.37E-04	7.29E-05	5.61E-05	1.87E-05	4.37E-05	8.99E-06
9109	625651.01	4265946.75	0.00028244	9.71E-05	2.36E-04	7.27E-05	5.59E-05	1.86E-05	4.36E-05	8.96E-06
9110	625651.17	4265936.81	0.00028172	9.69E-05	2.35E-04	7.25E-05	5.58E-05	1.86E-05	4.35E-05	8.94E-06
9111	625651.34	4265926.88	0.00028095	9.66E-05	2.35E-04	7.23E-05	5.56E-05	1.85E-05	4.34E-05	8.92E-06
9112	625651.5	4265916.95	0.00028029	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
9113	625651.66	4265907.01	0.00027963	9.62E-05	2.34E-04	7.20E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
9114	625651.83	4265897.08	0.00027908	9.60E-05	2.33E-04	7.19E-05	5.52E-05	1.84E-05	4.31E-05	8.86E-06
9115	625651.99	4265887.15	0.00027834	9.57E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.29E-05	8.83E-06
9116	625652.15	4265877.21	0.00027765	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.28E-05	8.81E-06
9117	625652.32	4265867.28	0.00027705	9.53E-05	2.32E-04	7.13E-05	5.48E-05	1.83E-05	4.28E-05	8.79E-06
9118	625652.48	4265857.35	0.00027687	9.52E-05	2.31E-04	7.13E-05	5.48E-05	1.82E-05	4.27E-05	8.79E-06
9119	625652.64	4265847.41	0.0002769	9.52E-05	2.31E-04	7.13E-05	5.48E-05	1.82E-05	4.27E-05	8.79E-06
9120	625652.81	4265837.48	0.00027707	9.53E-05	2.32E-04	7.13E-05	5.48E-05	1.83E-05	4.28E-05	8.79E-06
9121	625652.97	4265827.55	0.00027733	9.54E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05	8.80E-06
9122	625653.14	4265817.61	0.00027779	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.29E-05	8.82E-06
9123	625653.3	4265807.68	0.00027845	9.58E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.30E-05	8.84E-06
9124	625653.46	4265797.75	0.0002792	9.60E-05	2.33E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05	8.86E-06
9125	625653.63	4265787.81	0.00028012	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.85E-05	4.32E-05	8.89E-06
9126	625653.79	4265777.88	0.00028121	9.67E-05	2.35E-04	7.24E-05	5.57E-05	1.85E-05	4.34E-05	8.92E-06

9127	625653.95	4265767.95	0.00028261	9.72E-05	2.36E-04	7.28E-05	5.59E-05	1.86E-05	4.36E-05	8.97E-06
9128	625654.12	4265758.01	0.00028425	9.77E-05	2.38E-04	7.32E-05	5.63E-05	1.87E-05	4.39E-05	9.02E-06
9129	625654.28	4265748.08	0.000286	9.83E-05	2.39E-04	7.36E-05	5.66E-05	1.88E-05	4.41E-05	9.08E-06
9130	625654.44	4265738.15	0.00028778	9.90E-05	2.41E-04	7.41E-05	5.70E-05	1.90E-05	4.44E-05	9.13E-06
9131	625654.61	4265728.21	0.00028959	9.96E-05	2.42E-04	7.46E-05	5.73E-05	1.91E-05	4.47E-05	9.19E-06
9132	625654.77	4265718.28	0.00029145	1.00E-04	2.44E-04	7.50E-05	5.77E-05	1.92E-05	4.50E-05	9.25E-06
9133	625654.93	4265708.35	0.00029346	1.01E-04	2.45E-04	7.56E-05	5.81E-05	1.93E-05	4.53E-05	9.31E-06
9134	625655.1	4265698.41	0.00029547	1.02E-04	2.47E-04	7.61E-05	5.85E-05	1.95E-05	4.56E-05	9.38E-06
9135	625655.26	4265688.48	0.00029751	1.02E-04	2.49E-04	7.66E-05	5.89E-05	1.96E-05	4.59E-05	9.44E-06
9136	625735.63	4266194.03	0.00026126	8.98E-05	2.18E-04	6.73E-05	5.17E-05	1.72E-05	4.03E-05	8.29E-06
9137	625731.71	4266203.06	0.00026272	9.03E-05	2.20E-04	6.76E-05	5.20E-05	1.73E-05	4.05E-05	8.34E-06
9138	625727.79	4266212.1	0.0002641	9.08E-05	2.21E-04	6.80E-05	5.23E-05	1.74E-05	4.08E-05	8.38E-06
9139	625723.87	4266221.13	0.00026534	9.12E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.09E-05	8.42E-06
9140	625719.95	4266230.17	0.00026648	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.76E-05	4.11E-05	8.46E-06
9141	625716.03	4266239.2	0.00026752	9.20E-05	2.24E-04	6.89E-05	5.30E-05	1.76E-05	4.13E-05	8.49E-06
9142	625712.11	4266248.23	0.00026838	9.23E-05	2.24E-04	6.91E-05	5.31E-05	1.77E-05	4.14E-05	8.52E-06
9143	625708.18	4266257.27	0.0002691	9.25E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
9144	625704.26	4266266.3	0.00026953	9.27E-05	2.25E-04	6.94E-05	5.34E-05	1.78E-05	4.16E-05	8.55E-06
9145	625700.34	4266275.34	0.00026978	9.28E-05	2.25E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05	8.56E-06
9146	625696.42	4266284.37	0.0002699	9.28E-05	2.26E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05	8.57E-06
9147	625692.5	4266293.41	0.00026987	9.28E-05	2.26E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05	8.56E-06
9148	625688.58	4266302.44	0.00026964	9.27E-05	2.25E-04	6.94E-05	5.34E-05	1.78E-05	4.16E-05	8.56E-06
9149	625684.66	4266311.48	0.00026924	9.26E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
9150	625680.73	4266320.51	0.00026869	9.24E-05	2.25E-04	6.92E-05	5.32E-05	1.77E-05	4.15E-05	8.53E-06
9151	625676.81	4266329.54	0.00026806	9.22E-05	2.24E-04	6.90E-05	5.31E-05	1.77E-05	4.14E-05	8.51E-06
9152	625672.89	4266338.58	0.00026732	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.12E-05	8.48E-06
9153	625668.97	4266347.61	0.00026645	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.76E-05	4.11E-05	8.46E-06
9154	625665.05	4266356.65	0.00026545	9.13E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.10E-05	8.42E-06
9155	625661.13	4266365.68	0.00026442	9.09E-05	2.21E-04	6.81E-05	5.23E-05	1.74E-05	4.08E-05	8.39E-06
9156	625657.21	4266374.72	0.00026338	9.06E-05	2.20E-04	6.78E-05	5.21E-05	1.74E-05	4.06E-05	8.36E-06
9157	625653.29	4266383.75	0.00026247	9.03E-05	2.19E-04	6.76E-05	5.20E-05	1.73E-05	4.05E-05	8.33E-06
9158	625649.36	4266392.78	0.00026163	9.00E-05	2.19E-04	6.74E-05	5.18E-05	1.72E-05	4.04E-05	8.30E-06
9159	625645.44	4266401.82	0.00026083	8.97E-05	2.18E-04	6.72E-05	5.16E-05	1.72E-05	4.02E-05	8.28E-06
9160	625641.52	4266410.85	0.00026017	8.95E-05	2.17E-04	6.70E-05	5.15E-05	1.71E-05	4.01E-05	8.26E-06
9161	625637.6	4266419.89	0.00025962	8.93E-05	2.17E-04	6.68E-05	5.14E-05	1.71E-05	4.01E-05	8.24E-06
9162	625633.68	4266428.92	0.00025919	8.91E-05	2.17E-04	6.67E-05	5.13E-05	1.71E-05	4.00E-05	8.23E-06
9163	625570.94	4266573.47	0.00026918	9.26E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
9164	625567.02	4266582.51	0.00027065	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
9165	625563.09	4266591.54	0.00027219	9.36E-05	2.28E-04	7.01E-05	5.39E-05	1.79E-05	4.20E-05	8.64E-06
9166	625559.17	4266600.58	0.0002738	9.42E-05	2.29E-04	7.05E-05	5.42E-05	1.80E-05	4.22E-05	8.69E-06
9167	625555.25	4266609.61	0.00027547	9.47E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05	8.74E-06
9168	625551.33	4266618.64	0.00027716	9.53E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05	8.80E-06
9169	625547.41	4266627.68	0.00027891	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.30E-05	8.85E-06
9170	625543.49	4266636.71	0.00028072	9.65E-05	2.35E-04	7.23E-05	5.56E-05	1.85E-05	4.33E-05	8.91E-06
9171	625539.57	4266645.75	0.00028256	9.72E-05	2.36E-04	7.27E-05	5.59E-05	1.86E-05	4.36E-05	8.97E-06
9172	625535.64	4266654.78	0.00028439	9.78E-05	2.38E-04	7.32E-05	5.63E-05	1.87E-05	4.39E-05	9.03E-06
9173	625531.72	4266663.82	0.00028626	9.84E-05	2.39E-04	7.37E-05	5.67E-05	1.89E-05	4.42E-05	9.08E-06
9174	625527.8	4266672.85	0.00028812	9.91E-05	2.41E-04	7.42E-05	5.70E-05	1.90E-05	4.45E-05	9.14E-06
9175	625523.88	4266681.89	0.00028999	9.97E-05	2.42E-04	7.47E-05	5.74E-05	1.91E-05	4.47E-05	9.20E-06
9176	625519.96	4266690.92	0.00029185	1.00E-04	2.44E-04	7.51E-05	5.78E-05	1.92E-05	4.50E-05	9.26E-06
9177	625516.04	4266699.95	0.00029366	1.01E-04	2.45E-04	7.56E-05	5.81E-05	1.93E-05	4.53E-05	9.32E-06
9178	625512.12	4266708.99	0.00029547	1.02E-04	2.47E-04	7.61E-05	5.85E-05	1.95E-05	4.56E-05	9.38E-06
9179	625508.2	4266718.02	0.00029722	1.02E-04	2.48E-04	7.65E-05	5.88E-05	1.96E-05	4.59E-05	9.43E-06
9180	625504.27	4266727.06	0.00029894	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.61E-05	9.49E-06
9181	625500.35	4266736.09	0.00030061	1.03E-04	2.51E-04	7.74E-05	5.95E-05	1.98E-05	4.64E-05	9.54E-06

9182	625496.43	4266745.13	0.00030222	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
9183	625492.51	4266754.16	0.00030377	1.04E-04	2.54E-04	7.82E-05	6.01E-05	2.00E-05	4.69E-05	9.64E-06
9184	625488.59	4266763.19	0.00030523	1.05E-04	2.55E-04	7.86E-05	6.04E-05	2.01E-05	4.71E-05	9.69E-06
9185	625484.67	4266772.23	0.00030664	1.05E-04	2.56E-04	7.89E-05	6.07E-05	2.02E-05	4.73E-05	9.73E-06
9186	625480.75	4266781.26	0.00030793	1.06E-04	2.57E-04	7.93E-05	6.10E-05	2.03E-05	4.75E-05	9.77E-06
9187	625476.82	4266790.3	0.00030916	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05	9.81E-06
9188	625463.74	4266802.94	0.00031464	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.86E-05	9.99E-06
9189	625454.58	4266806.55	0.00031898	1.10E-04	2.67E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
9190	625445.41	4266810.16	0.00032331	1.11E-04	2.70E-04	8.32E-05	6.40E-05	2.13E-05	4.99E-05	1.03E-05
9191	625436.25	4266813.77	0.00032762	1.13E-04	2.74E-04	8.44E-05	6.48E-05	2.16E-05	5.06E-05	1.04E-05
9192	625427.08	4266817.38	0.00033189	1.14E-04	2.77E-04	8.55E-05	6.57E-05	2.19E-05	5.12E-05	1.05E-05
9193	625417.92	4266820.99	0.00033614	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.19E-05	1.07E-05
9194	625408.76	4266824.6	0.00034036	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
9195	625399.59	4266828.2	0.00034455	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05	1.09E-05
9196	625390.43	4266831.81	0.00034868	1.20E-04	2.91E-04	8.98E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
9197	625381.27	4266835.42	0.00035279	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05	1.12E-05
9198	625372.1	4266839.03	0.00035686	1.23E-04	2.98E-04	9.19E-05	7.06E-05	2.35E-05	5.51E-05	1.13E-05
9199	625362.94	4266842.64	0.00036088	1.24E-04	3.02E-04	9.29E-05	7.14E-05	2.38E-05	5.57E-05	1.15E-05
9200	625353.78	4266846.25	0.00036484	1.25E-04	3.05E-04	9.39E-05	7.22E-05	2.40E-05	5.63E-05	1.16E-05
9201	625344.61	4266849.86	0.0003688	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
9202	625335.45	4266853.47	0.0003727	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
9203	625326.29	4266857.08	0.00037655	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
9204	625317.12	4266860.69	0.00038037	1.31E-04	3.18E-04	9.79E-05	7.53E-05	2.51E-05	5.87E-05	1.21E-05
9205	625307.96	4266864.3	0.00038416	1.32E-04	3.21E-04	9.89E-05	7.60E-05	2.53E-05	5.93E-05	1.22E-05
9206	625298.79	4266867.9	0.00038789	1.33E-04	3.24E-04	9.99E-05	7.68E-05	2.56E-05	5.99E-05	1.23E-05
9207	625289.63	4266871.51	0.00039159	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
9208	625280.47	4266875.12	0.00039526	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.10E-05	1.25E-05
9209	625271.3	4266878.73	0.00039891	1.37E-04	3.33E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05	1.27E-05
9210	625262.14	4266882.34	0.00040249	1.38E-04	3.36E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
9211	625252.98	4266885.95	0.00040602	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
9212	625243.81	4266889.56	0.0004095	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05	1.30E-05
9213	625234.65	4266893.17	0.00041288	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05	1.31E-05
9214	625225.49	4266896.78	0.00041621	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
9215	625216.32	4266900.39	0.00041946	1.44E-04	3.51E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
9216	625207.16	4266903.99	0.00042259	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
9217	625197.99	4266907.6	0.00042563	1.46E-04	3.56E-04	1.10E-04	8.42E-05	2.80E-05	6.57E-05	1.35E-05
9218	625188.83	4266911.21	0.00042853	1.47E-04	3.58E-04	1.10E-04	8.48E-05	2.82E-05	6.61E-05	1.36E-05
9219	625179.67	4266914.82	0.00043128	1.48E-04	3.60E-04	1.11E-04	8.54E-05	2.84E-05	6.65E-05	1.37E-05
9220	625170.5	4266918.43	0.00043389	1.49E-04	3.63E-04	1.12E-04	8.59E-05	2.86E-05	6.70E-05	1.38E-05
9221	625161.34	4266922.04	0.00043636	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.87E-05	6.73E-05	1.38E-05
9222	625152.18	4266925.65	0.00043869	1.51E-04	3.67E-04	1.13E-04	8.68E-05	2.89E-05	6.77E-05	1.39E-05
9223	625143.01	4266929.26	0.00044087	1.52E-04	3.69E-04	1.14E-04	8.73E-05	2.90E-05	6.80E-05	1.40E-05
9224	625133.85	4266932.87	0.0004429	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.83E-05	1.41E-05
9225	625124.69	4266936.48	0.0004448	1.53E-04	3.72E-04	1.15E-04	8.80E-05	2.93E-05	6.86E-05	1.41E-05
9226	625115.52	4266940.09	0.00044658	1.54E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05	1.42E-05
9227	625106.36	4266943.69	0.00044821	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05	1.42E-05
9228	625097.2	4266947.3	0.00044974	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05	1.43E-05
9229	625088.03	4266950.91	0.00045114	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05	1.43E-05
9230	625078.87	4266954.52	0.00045243	1.56E-04	3.78E-04	1.16E-04	8.96E-05	2.98E-05	6.98E-05	1.44E-05
9231	625069.7	4266958.13	0.00045364	1.56E-04	3.79E-04	1.17E-04	8.98E-05	2.99E-05	7.00E-05	1.44E-05
9232	625060.54	4266961.74	0.0004547	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05	1.44E-05
9233	625051.38	4266965.35	0.00045562	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
9234	625042.21	4266968.96	0.00045642	1.57E-04	3.81E-04	1.18E-04	9.03E-05	3.01E-05	7.04E-05	1.45E-05
9235	625033.05	4266972.57	0.00045708	1.57E-04	3.82E-04	1.18E-04	9.05E-05	3.01E-05	7.05E-05	1.45E-05
9236	625023.89	4266976.18	0.00045757	1.57E-04	3.82E-04	1.18E-04	9.06E-05	3.01E-05	7.06E-05	1.45E-05

9237	625014.72	4266979.79	0.00045789	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.07E-05	1.45E-05
9238	625005.56	4266983.39	0.000458	1.57E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05	1.45E-05
9239	624996.4	4266987	0.00045792	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.07E-05	1.45E-05
9240	624987.23	4266990.61	0.0004576	1.57E-04	3.82E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05	1.45E-05
9241	624978.07	4266994.22	0.00045708	1.57E-04	3.82E-04	1.18E-04	9.05E-05	3.01E-05	7.05E-05	1.45E-05
9242	624968.9	4266997.83	0.00045637	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.01E-05	7.04E-05	1.45E-05
9243	624959.74	4267001.44	0.00045542	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05	1.45E-05
9244	624950.58	4267005.05	0.00045427	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05	1.44E-05
9245	624941.41	4267008.66	0.00045292	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.98E-05	6.99E-05	1.44E-05
9246	624932.25	4267012.27	0.00045137	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05	1.43E-05
9247	624923.09	4267015.88	0.00044968	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05	1.43E-05
9248	624913.92	4267019.48	0.00044781	1.54E-04	3.74E-04	1.15E-04	8.86E-05	2.95E-05	6.91E-05	1.42E-05
9249	624904.76	4267023.09	0.00044583	1.53E-04	3.73E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05	1.41E-05
9250	624895.6	4267026.7	0.00044371	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05	1.41E-05
9251	624886.43	4267030.31	0.0004415	1.52E-04	3.69E-04	1.14E-04	8.74E-05	2.91E-05	6.81E-05	1.40E-05
9252	624877.27	4267033.92	0.0004392	1.51E-04	3.67E-04	1.13E-04	8.69E-05	2.89E-05	6.78E-05	1.39E-05
9253	624868.1	4267037.53	0.00043682	1.50E-04	3.65E-04	1.12E-04	8.65E-05	2.88E-05	6.74E-05	1.39E-05
9254	624858.94	4267041.14	0.00043438	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05	1.38E-05
9255	624849.78	4267044.75	0.00043191	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.66E-05	1.37E-05
9256	624840.61	4267048.36	0.00042939	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.63E-05	1.36E-05
9257	625747.56	4266156.99	0.00025563	8.79E-05	2.14E-04	6.58E-05	5.06E-05	1.68E-05	3.94E-05	8.11E-06
9258	625747.73	4266147.06	0.000255	8.77E-05	2.13E-04	6.57E-05	5.05E-05	1.68E-05	3.93E-05	8.09E-06
9259	625747.89	4266137.13	0.00025431	8.75E-05	2.13E-04	6.55E-05	5.03E-05	1.68E-05	3.92E-05	8.07E-06
9260	625748.05	4266127.19	0.00025363	8.72E-05	2.12E-04	6.53E-05	5.02E-05	1.67E-05	3.91E-05	8.05E-06
9261	625748.22	4266117.26	0.00025288	8.70E-05	2.11E-04	6.51E-05	5.01E-05	1.67E-05	3.90E-05	8.03E-06
9262	625748.38	4266107.33	0.00025213	8.67E-05	2.11E-04	6.49E-05	4.99E-05	1.66E-05	3.89E-05	8.00E-06
9263	625748.54	4266097.39	0.00025127	8.64E-05	2.10E-04	6.47E-05	4.97E-05	1.66E-05	3.88E-05	7.97E-06
9264	625748.71	4266087.46	0.00025044	8.61E-05	2.09E-04	6.45E-05	4.96E-05	1.65E-05	3.86E-05	7.95E-06
9265	625748.87	4266077.53	0.00024961	8.58E-05	2.09E-04	6.43E-05	4.94E-05	1.64E-05	3.85E-05	7.92E-06
9266	625749.03	4266067.59	0.00024878	8.55E-05	2.08E-04	6.41E-05	4.92E-05	1.64E-05	3.84E-05	7.90E-06
9267	625749.2	4266057.66	0.00024794	8.53E-05	2.07E-04	6.38E-05	4.91E-05	1.63E-05	3.83E-05	7.87E-06
9268	625749.36	4266047.73	0.00024711	8.50E-05	2.07E-04	6.36E-05	4.89E-05	1.63E-05	3.81E-05	7.84E-06
9269	625749.52	4266037.79	0.00024628	8.47E-05	2.06E-04	6.34E-05	4.87E-05	1.62E-05	3.80E-05	7.82E-06
9270	625749.69	4266027.86	0.00024553	8.44E-05	2.05E-04	6.32E-05	4.86E-05	1.62E-05	3.79E-05	7.79E-06
9271	625749.85	4266017.93	0.00024479	8.42E-05	2.05E-04	6.30E-05	4.85E-05	1.61E-05	3.78E-05	7.77E-06
9272	625750.01	4266007.99	0.00024372	8.38E-05	2.04E-04	6.28E-05	4.82E-05	1.61E-05	3.76E-05	7.73E-06
9273	625750.18	4265998.06	0.00024255	8.34E-05	2.03E-04	6.24E-05	4.80E-05	1.60E-05	3.74E-05	7.70E-06
9274	625750.34	4265988.13	0.00024137	8.30E-05	2.02E-04	6.21E-05	4.78E-05	1.59E-05	3.72E-05	7.66E-06
9275	625750.51	4265978.19	0.00024048	8.27E-05	2.01E-04	6.19E-05	4.76E-05	1.58E-05	3.71E-05	7.63E-06
9276	625750.67	4265968.26	0.00023968	8.24E-05	2.00E-04	6.17E-05	4.74E-05	1.58E-05	3.70E-05	7.61E-06
9277	625750.83	4265958.33	0.00023887	8.21E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05	7.58E-06
9278	625751	4265948.39	0.00023796	8.18E-05	1.99E-04	6.13E-05	4.71E-05	1.57E-05	3.67E-05	7.55E-06
9279	625751.16	4265938.46	0.00023698	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05	7.52E-06
9280	625751.32	4265928.53	0.00023603	8.12E-05	1.97E-04	6.08E-05	4.67E-05	1.56E-05	3.64E-05	7.49E-06
9281	625751.49	4265918.59	0.0002352	8.09E-05	1.97E-04	6.06E-05	4.66E-05	1.55E-05	3.63E-05	7.46E-06
9282	625751.65	4265908.66	0.00023448	8.06E-05	1.96E-04	6.04E-05	4.64E-05	1.54E-05	3.62E-05	7.44E-06
9283	625751.81	4265898.73	0.00023385	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06
9284	625751.98	4265888.79	0.00023339	8.03E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05	7.41E-06
9285	625752.14	4265878.86	0.0002331	8.02E-05	1.95E-04	6.00E-05	4.61E-05	1.54E-05	3.60E-05	7.40E-06
9286	625752.3	4265868.93	0.00023296	8.01E-05	1.95E-04	6.00E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
9287	625752.47	4265858.99	0.00023282	8.01E-05	1.95E-04	5.99E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
9288	625752.63	4265849.06	0.00023279	8.00E-05	1.95E-04	5.99E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
9289	625752.79	4265839.13	0.0002329	8.01E-05	1.95E-04	6.00E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
9290	625752.96	4265829.19	0.00023322	8.02E-05	1.95E-04	6.00E-05	4.62E-05	1.54E-05	3.60E-05	7.40E-06
9291	625753.12	4265819.26	0.00023371	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06

9292	625753.29	4265809.33	0.0002344	8.06E-05	1.96E-04	6.03E-05	4.64E-05	1.54E-05	3.62E-05	7.44E-06
9293	625753.45	4265799.39	0.00023529	8.09E-05	1.97E-04	6.06E-05	4.66E-05	1.55E-05	3.63E-05	7.47E-06
9294	625753.61	4265789.46	0.00023638	8.13E-05	1.98E-04	6.09E-05	4.68E-05	1.56E-05	3.65E-05	7.50E-06
9295	625753.78	4265779.53	0.00023761	8.17E-05	1.99E-04	6.12E-05	4.70E-05	1.57E-05	3.67E-05	7.54E-06
9296	625753.94	4265769.59	0.00023893	8.22E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05	7.58E-06
9297	625754.1	4265759.66	0.00024039	8.27E-05	2.01E-04	6.19E-05	4.76E-05	1.58E-05	3.71E-05	7.63E-06
9298	625754.27	4265749.73	0.00024194	8.32E-05	2.02E-04	6.23E-05	4.79E-05	1.59E-05	3.73E-05	7.68E-06
9299	625754.43	4265739.79	0.00024358	8.38E-05	2.04E-04	6.27E-05	4.82E-05	1.60E-05	3.76E-05	7.73E-06
9300	625754.59	4265729.86	0.00024527	8.43E-05	2.05E-04	6.31E-05	4.85E-05	1.62E-05	3.78E-05	7.78E-06
9301	625754.76	4265719.93	0.00024702	8.49E-05	2.06E-04	6.36E-05	4.89E-05	1.63E-05	3.81E-05	7.84E-06
9302	625754.92	4265709.99	0.0002488	8.56E-05	2.08E-04	6.41E-05	4.92E-05	1.64E-05	3.84E-05	7.90E-06
9303	625755.08	4265700.06	0.00025058	8.62E-05	2.09E-04	6.45E-05	4.96E-05	1.65E-05	3.87E-05	7.95E-06
9304	625755.25	4265690.13	0.00025236	8.68E-05	2.11E-04	6.50E-05	5.00E-05	1.66E-05	3.89E-05	8.01E-06
9305	625835.65	4266195.6	0.00023081	7.94E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05	7.32E-06
9306	625831.74	4266204.61	0.00023222	7.99E-05	1.94E-04	5.98E-05	4.60E-05	1.53E-05	3.58E-05	7.37E-06
9307	625827.83	4266213.61	0.00023348	8.03E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05	7.41E-06
9308	625823.92	4266222.62	0.00023465	8.07E-05	1.96E-04	6.04E-05	4.64E-05	1.55E-05	3.62E-05	7.45E-06
9309	625820.01	4266231.63	0.00023577	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05	7.48E-06
9310	625816.1	4266240.64	0.00023678	8.14E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.65E-05	7.51E-06
9311	625812.19	4266249.65	0.00023764	8.17E-05	1.99E-04	6.12E-05	4.70E-05	1.57E-05	3.67E-05	7.54E-06
9312	625808.28	4266258.66	0.00023839	8.20E-05	1.99E-04	6.14E-05	4.72E-05	1.57E-05	3.68E-05	7.57E-06
9313	625804.37	4266267.67	0.00023899	8.22E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05	7.58E-06
9314	625800.46	4266276.68	0.00023945	8.23E-05	2.00E-04	6.16E-05	4.74E-05	1.58E-05	3.69E-05	7.60E-06
9315	625796.55	4266285.68	0.00023976	8.24E-05	2.00E-04	6.17E-05	4.75E-05	1.58E-05	3.70E-05	7.61E-06
9316	625792.64	4266294.69	0.00023991	8.25E-05	2.01E-04	6.18E-05	4.75E-05	1.58E-05	3.70E-05	7.61E-06
9317	625788.73	4266303.7	0.00023985	8.25E-05	2.00E-04	6.18E-05	4.75E-05	1.58E-05	3.70E-05	7.61E-06
9318	625784.82	4266312.71	0.00023965	8.24E-05	2.00E-04	6.17E-05	4.74E-05	1.58E-05	3.70E-05	7.61E-06
9319	625780.91	4266321.72	0.0002393	8.23E-05	2.00E-04	6.16E-05	4.74E-05	1.58E-05	3.69E-05	7.59E-06
9320	625777	4266330.73	0.00023882	8.21E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05	7.58E-06
9321	625773.09	4266339.74	0.00023818	8.19E-05	1.99E-04	6.13E-05	4.71E-05	1.57E-05	3.68E-05	7.56E-06
9322	625769.18	4266348.74	0.00023747	8.17E-05	1.98E-04	6.11E-05	4.70E-05	1.56E-05	3.66E-05	7.54E-06
9323	625765.27	4266357.75	0.00023664	8.14E-05	1.98E-04	6.09E-05	4.68E-05	1.56E-05	3.65E-05	7.51E-06
9324	625761.36	4266366.76	0.00023575	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05	7.48E-06
9325	625757.45	4266375.77	0.00023483	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.62E-05	7.45E-06
9326	625753.54	4266384.78	0.00023382	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06
9327	625749.63	4266393.79	0.00023279	8.00E-05	1.95E-04	5.99E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
9328	625745.72	4266402.8	0.00023176	7.97E-05	1.94E-04	5.97E-05	4.59E-05	1.53E-05	3.58E-05	7.35E-06
9329	625741.81	4266411.8	0.00023075	7.93E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05	7.32E-06
9330	625737.9	4266420.81	0.00022983	7.90E-05	1.92E-04	5.92E-05	4.55E-05	1.51E-05	3.55E-05	7.29E-06
9331	625733.99	4266429.82	0.00022897	7.87E-05	1.91E-04	5.90E-05	4.53E-05	1.51E-05	3.53E-05	7.27E-06
9332	625730.08	4266438.83	0.0002282	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.24E-06
9333	625726.17	4266447.84	0.00022754	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
9334	625722.26	4266456.85	0.00022699	7.81E-05	1.90E-04	5.84E-05	4.49E-05	1.50E-05	3.50E-05	7.20E-06
9335	625718.35	4266465.86	0.00022653	7.79E-05	1.89E-04	5.83E-05	4.48E-05	1.49E-05	3.50E-05	7.19E-06
9336	625714.44	4266474.87	0.00022619	7.78E-05	1.89E-04	5.82E-05	4.48E-05	1.49E-05	3.49E-05	7.18E-06
9337	625710.53	4266483.87	0.00022596	7.77E-05	1.89E-04	5.82E-05	4.47E-05	1.49E-05	3.49E-05	7.17E-06
9338	625706.62	4266492.88	0.00022584	7.77E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05	7.17E-06
9339	625702.71	4266501.89	0.00022576	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05	7.16E-06
9340	625698.8	4266510.9	0.00022576	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05	7.16E-06
9341	625694.89	4266519.91	0.0002259	7.77E-05	1.89E-04	5.82E-05	4.47E-05	1.49E-05	3.49E-05	7.17E-06
9342	625690.98	4266528.92	0.00022616	7.78E-05	1.89E-04	5.82E-05	4.48E-05	1.49E-05	3.49E-05	7.18E-06
9343	625687.07	4266537.93	0.00022656	7.79E-05	1.89E-04	5.83E-05	4.48E-05	1.49E-05	3.50E-05	7.19E-06
9344	625683.16	4266546.93	0.00022705	7.81E-05	1.90E-04	5.85E-05	4.49E-05	1.50E-05	3.50E-05	7.21E-06
9345	625679.25	4266555.94	0.00022762	7.83E-05	1.90E-04	5.86E-05	4.51E-05	1.50E-05	3.51E-05	7.22E-06
9346	625675.34	4266564.95	0.00022828	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.24E-06

9347	625671.43	4266573.96	0.000229	7.87E-05	1.91E-04	5.90E-05	4.53E-05	1.51E-05	3.53E-05	7.27E-06
9348	625667.52	4266582.97	0.00022975	7.90E-05	1.92E-04	5.92E-05	4.55E-05	1.51E-05	3.55E-05	7.29E-06
9349	625663.61	4266591.98	0.00023061	7.93E-05	1.93E-04	5.94E-05	4.56E-05	1.52E-05	3.56E-05	7.32E-06
9350	625659.7	4266600.99	0.0002315	7.96E-05	1.93E-04	5.96E-05	4.58E-05	1.53E-05	3.57E-05	7.35E-06
9351	625655.79	4266609.99	0.00023247	7.99E-05	1.94E-04	5.99E-05	4.60E-05	1.53E-05	3.59E-05	7.38E-06
9352	625651.88	4266619	0.00023351	8.03E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05	7.41E-06
9353	625647.96	4266628.01	0.0002346	8.07E-05	1.96E-04	6.04E-05	4.64E-05	1.55E-05	3.62E-05	7.45E-06
9354	625644.05	4266637.02	0.00023575	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05	7.48E-06
9355	625640.14	4266646.03	0.00023698	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05	7.52E-06
9356	625636.23	4266655.04	0.00023827	8.19E-05	1.99E-04	6.13E-05	4.72E-05	1.57E-05	3.68E-05	7.56E-06
9357	625632.32	4266664.05	0.00023962	8.24E-05	2.00E-04	6.17E-05	4.74E-05	1.58E-05	3.70E-05	7.60E-06
9358	625628.41	4266673.06	0.000241	8.29E-05	2.01E-04	6.20E-05	4.77E-05	1.59E-05	3.72E-05	7.65E-06
9359	625624.5	4266682.06	0.00024243	8.34E-05	2.03E-04	6.24E-05	4.80E-05	1.60E-05	3.74E-05	7.69E-06
9360	625569.76	4266808.19	0.00026361	9.06E-05	2.20E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05	8.37E-06
9361	625565.85	4266817.19	0.00026496	9.11E-05	2.21E-04	6.82E-05	5.24E-05	1.75E-05	4.09E-05	8.41E-06
9362	625561.94	4266826.2	0.00026628	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.75E-05	4.11E-05	8.45E-06
9363	625558.03	4266835.21	0.00026752	9.20E-05	2.24E-04	6.89E-05	5.30E-05	1.76E-05	4.13E-05	8.49E-06
9364	625554.12	4266844.22	0.00026869	9.24E-05	2.25E-04	6.92E-05	5.32E-05	1.77E-05	4.15E-05	8.53E-06
9365	625550.21	4266853.23	0.00026981	9.28E-05	2.26E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05	8.56E-06
9366	625546.3	4266862.24	0.00027087	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.60E-06
9367	625533.25	4266874.84	0.00027538	9.47E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05	8.74E-06
9368	625524.11	4266878.44	0.00027888	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.30E-05	8.85E-06
9369	625514.98	4266882.04	0.00028235	9.71E-05	2.36E-04	7.27E-05	5.59E-05	1.86E-05	4.36E-05	8.96E-06
9370	625505.84	4266885.64	0.0002858	9.83E-05	2.39E-04	7.36E-05	5.66E-05	1.88E-05	4.41E-05	9.07E-06
9371	625496.7	4266889.24	0.00028924	9.95E-05	2.42E-04	7.45E-05	5.73E-05	1.91E-05	4.46E-05	9.18E-06
9372	625487.56	4266892.84	0.00029263	1.01E-04	2.45E-04	7.53E-05	5.79E-05	1.93E-05	4.52E-05	9.29E-06
9373	625478.43	4266896.44	0.00029599	1.02E-04	2.47E-04	7.62E-05	5.86E-05	1.95E-05	4.57E-05	9.39E-06
9374	625469.29	4266900.04	0.00029929	1.03E-04	2.50E-04	7.71E-05	5.92E-05	1.97E-05	4.62E-05	9.50E-06
9375	625460.15	4266903.63	0.00030256	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
9376	625451.01	4266907.23	0.0003058	1.05E-04	2.56E-04	7.87E-05	6.05E-05	2.01E-05	4.72E-05	9.71E-06
9377	625441.88	4266910.83	0.00030899	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05	9.81E-06
9378	625432.74	4266914.43	0.00031212	1.07E-04	2.61E-04	8.04E-05	6.18E-05	2.06E-05	4.82E-05	9.91E-06
9379	625423.6	4266918.03	0.00031522	1.08E-04	2.63E-04	8.12E-05	6.24E-05	2.08E-05	4.86E-05	1.00E-05
9380	625414.46	4266921.63	0.00031829	1.09E-04	2.66E-04	8.19E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
9381	625405.33	4266925.23	0.0003213	1.10E-04	2.69E-04	8.27E-05	6.36E-05	2.12E-05	4.96E-05	1.02E-05
9382	625396.19	4266928.83	0.00032429	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.00E-05	1.03E-05
9383	625387.05	4266932.42	0.00032724	1.13E-04	2.74E-04	8.43E-05	6.48E-05	2.16E-05	5.05E-05	1.04E-05
9384	625377.91	4266936.02	0.00033017	1.14E-04	2.76E-04	8.50E-05	6.54E-05	2.18E-05	5.09E-05	1.05E-05
9385	625368.78	4266939.62	0.0003331	1.15E-04	2.78E-04	8.58E-05	6.59E-05	2.19E-05	5.14E-05	1.06E-05
9386	625359.64	4266943.22	0.00033597	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.18E-05	1.07E-05
9387	625350.5	4266946.82	0.00033884	1.17E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
9388	625341.36	4266950.42	0.00034168	1.17E-04	2.86E-04	8.80E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
9389	625332.23	4266954.02	0.00034452	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05	1.09E-05
9390	625323.09	4266957.62	0.00034736	1.19E-04	2.90E-04	8.94E-05	6.88E-05	2.29E-05	5.36E-05	1.10E-05
9391	625313.95	4266961.22	0.00035015	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05	1.11E-05
9392	625304.81	4266964.81	0.00035293	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
9393	625295.68	4266968.41	0.00035568	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05	1.13E-05
9394	625286.54	4266972.01	0.00035841	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
9395	625277.4	4266975.61	0.00036111	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.57E-05	1.15E-05
9396	625268.26	4266979.21	0.00036375	1.25E-04	3.04E-04	9.36E-05	7.20E-05	2.40E-05	5.61E-05	1.15E-05
9397	625259.13	4266982.81	0.0003663	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
9398	625249.99	4266986.41	0.0003688	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
9399	625240.85	4266990.01	0.00037124	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
9400	625231.71	4266993.6	0.00037356	1.28E-04	3.12E-04	9.62E-05	7.39E-05	2.46E-05	5.76E-05	1.19E-05
9401	625222.58	4266997.2	0.0003758	1.29E-04	3.14E-04	9.68E-05	7.44E-05	2.48E-05	5.80E-05	1.19E-05

9402	625213.44	4267000.8	0.00037793	1.30E-04	3.16E-04	9.73E-05	7.48E-05	2.49E-05	5.83E-05	1.20E-05
9403	625204.3	4267004.4	0.00037994	1.31E-04	3.18E-04	9.78E-05	7.52E-05	2.50E-05	5.86E-05	1.21E-05
9404	625195.16	4267008	0.00038186	1.31E-04	3.19E-04	9.83E-05	7.56E-05	2.52E-05	5.89E-05	1.21E-05
9405	625186.03	4267011.6	0.00038364	1.32E-04	3.21E-04	9.88E-05	7.59E-05	2.53E-05	5.92E-05	1.22E-05
9406	625176.89	4267015.2	0.00038533	1.33E-04	3.22E-04	9.92E-05	7.63E-05	2.54E-05	5.95E-05	1.22E-05
9407	625167.75	4267018.8	0.00038694	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
9408	625158.61	4267022.39	0.00038843	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	5.99E-05	1.23E-05
9409	625149.48	4267025.99	0.00038984	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
9410	625140.34	4267029.59	0.00039116	1.35E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.04E-05	1.24E-05
9411	625131.2	4267033.19	0.00039239	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.05E-05	1.25E-05
9412	625122.06	4267036.79	0.00039354	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.07E-05	1.25E-05
9413	625112.93	4267040.39	0.00039463	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05	1.25E-05
9414	625103.79	4267043.99	0.00039564	1.36E-04	3.31E-04	1.02E-04	7.83E-05	2.61E-05	6.10E-05	1.26E-05
9415	625094.65	4267047.59	0.00039655	1.36E-04	3.31E-04	1.02E-04	7.85E-05	2.61E-05	6.12E-05	1.26E-05
9416	625085.51	4267051.18	0.00039741	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.13E-05	1.26E-05
9417	625076.38	4267054.78	0.00039816	1.37E-04	3.33E-04	1.03E-04	7.88E-05	2.62E-05	6.14E-05	1.26E-05
9418	625067.24	4267058.38	0.00039879	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.27E-05
9419	625058.1	4267061.98	0.00039931	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05	1.27E-05
9420	625048.96	4267065.58	0.00039968	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.17E-05	1.27E-05
9421	625039.83	4267069.18	0.00039991	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.63E-05	6.17E-05	1.27E-05
9422	625030.69	4267072.78	0.0004	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.64E-05	6.17E-05	1.27E-05
9423	625021.55	4267076.38	0.00039988	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.63E-05	6.17E-05	1.27E-05
9424	625012.41	4267079.97	0.00039962	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.17E-05	1.27E-05
9425	625003.28	4267083.57	0.00039914	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05	1.27E-05
9426	624994.14	4267087.17	0.00039848	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.26E-05
9427	624985	4267090.77	0.00039764	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.14E-05	1.26E-05
9428	624975.86	4267094.37	0.00039661	1.36E-04	3.32E-04	1.02E-04	7.85E-05	2.61E-05	6.12E-05	1.26E-05
9429	624966.73	4267097.97	0.00039538	1.36E-04	3.30E-04	1.02E-04	7.83E-05	2.61E-05	6.10E-05	1.25E-05
9430	624957.59	4267101.57	0.000394	1.35E-04	3.29E-04	1.01E-04	7.80E-05	2.60E-05	6.08E-05	1.25E-05
9431	624948.45	4267105.17	0.00039248	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05	1.25E-05
9432	624939.31	4267108.77	0.00039079	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.57E-05	6.03E-05	1.24E-05
9433	624930.18	4267112.36	0.00038901	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.00E-05	1.23E-05
9434	624921.04	4267115.96	0.00038711	1.33E-04	3.24E-04	9.97E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
9435	624911.9	4267119.56	0.00038513	1.32E-04	3.22E-04	9.92E-05	7.62E-05	2.54E-05	5.94E-05	1.22E-05
9436	624902.76	4267123.16	0.00038309	1.32E-04	3.20E-04	9.86E-05	7.58E-05	2.52E-05	5.91E-05	1.22E-05
9437	624893.63	4267126.76	0.000381	1.31E-04	3.18E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
9438	624884.49	4267130.36	0.00037885	1.30E-04	3.17E-04	9.75E-05	7.50E-05	2.50E-05	5.85E-05	1.20E-05
9439	624875.35	4267133.96	0.00037672	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.81E-05	1.20E-05
9440	624866.21	4267137.56	0.00037454	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
9441	624857.08	4267141.15	0.00037242	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
9442	624847.94	4267144.75	0.00037026	1.27E-04	3.09E-04	9.53E-05	7.33E-05	2.44E-05	5.71E-05	1.18E-05
9443	624838.8	4267148.35	0.00036814	1.27E-04	3.08E-04	9.48E-05	7.29E-05	2.43E-05	5.68E-05	1.17E-05
9444	625847.55	4266158.64	0.00022544	7.75E-05	1.88E-04	5.80E-05	4.46E-05	1.49E-05	3.48E-05	7.15E-06
9445	625847.71	4266148.71	0.0002247	7.73E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05	7.13E-06
9446	625847.88	4266138.77	0.00022389	7.70E-05	1.87E-04	5.76E-05	4.43E-05	1.48E-05	3.45E-05	7.11E-06
9447	625848.04	4266128.84	0.000223	7.67E-05	1.86E-04	5.74E-05	4.41E-05	1.47E-05	3.44E-05	7.08E-06
9448	625848.2	4266118.91	0.00022214	7.64E-05	1.86E-04	5.72E-05	4.40E-05	1.46E-05	3.43E-05	7.05E-06
9449	625848.37	4266108.97	0.00022122	7.61E-05	1.85E-04	5.70E-05	4.38E-05	1.46E-05	3.41E-05	7.02E-06
9450	625848.53	4266099.04	0.00022022	7.57E-05	1.84E-04	5.67E-05	4.36E-05	1.45E-05	3.40E-05	6.99E-06
9451	625848.69	4266089.11	0.00021913	7.54E-05	1.83E-04	5.64E-05	4.34E-05	1.44E-05	3.38E-05	6.95E-06
9452	625848.86	4266079.17	0.00021798	7.50E-05	1.82E-04	5.61E-05	4.31E-05	1.44E-05	3.36E-05	6.92E-06
9453	625849.02	4266069.24	0.00021672	7.45E-05	1.81E-04	5.58E-05	4.29E-05	1.43E-05	3.34E-05	6.88E-06
9454	625849.18	4266059.31	0.0002154	7.41E-05	1.80E-04	5.55E-05	4.26E-05	1.42E-05	3.32E-05	6.84E-06
9455	625849.35	4266049.37	0.00021411	7.36E-05	1.79E-04	5.51E-05	4.24E-05	1.41E-05	3.30E-05	6.79E-06
9456	625849.51	4266039.44	0.00021281	7.32E-05	1.78E-04	5.48E-05	4.21E-05	1.40E-05	3.28E-05	6.75E-06

9457	625849.67	4266029.51	0.00021152	7.27E-05	1.77E-04	5.45E-05	4.19E-05	1.39E-05	3.26E-05	6.71E-06
9458	625849.84	4266019.57	0.00021023	7.23E-05	1.76E-04	5.41E-05	4.16E-05	1.39E-05	3.24E-05	6.67E-06
9459	625850	4266009.64	0.00020911	7.19E-05	1.75E-04	5.38E-05	4.14E-05	1.38E-05	3.23E-05	6.64E-06
9460	625850.16	4265999.71	0.00020808	7.16E-05	1.74E-04	5.36E-05	4.12E-05	1.37E-05	3.21E-05	6.60E-06
9461	625850.33	4265989.77	0.00020707	7.12E-05	1.73E-04	5.33E-05	4.10E-05	1.36E-05	3.20E-05	6.57E-06
9462	625850.49	4265979.84	0.00020595	7.08E-05	1.72E-04	5.30E-05	4.08E-05	1.36E-05	3.18E-05	6.54E-06
9463	625850.66	4265969.91	0.00020478	7.04E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05	6.50E-06
9464	625850.82	4265959.97	0.00020357	7.00E-05	1.70E-04	5.24E-05	4.03E-05	1.34E-05	3.14E-05	6.46E-06
9465	625850.98	4265950.04	0.00020263	6.97E-05	1.69E-04	5.22E-05	4.01E-05	1.34E-05	3.13E-05	6.43E-06
9466	625851.15	4265940.11	0.00020188	6.94E-05	1.69E-04	5.20E-05	4.00E-05	1.33E-05	3.12E-05	6.41E-06
9467	625851.31	4265930.17	0.00020116	6.92E-05	1.68E-04	5.18E-05	3.98E-05	1.33E-05	3.10E-05	6.38E-06
9468	625851.47	4265920.24	0.00020056	6.90E-05	1.68E-04	5.16E-05	3.97E-05	1.32E-05	3.09E-05	6.36E-06
9469	625851.64	4265910.31	0.00020001	6.88E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.09E-05	6.35E-06
9470	625851.8	4265900.37	0.00019958	6.86E-05	1.67E-04	5.14E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9471	625851.96	4265890.44	0.0001993	6.85E-05	1.67E-04	5.13E-05	3.94E-05	1.31E-05	3.08E-05	6.32E-06
9472	625852.13	4265880.51	0.00019912	6.85E-05	1.66E-04	5.13E-05	3.94E-05	1.31E-05	3.07E-05	6.32E-06
9473	625852.29	4265870.57	0.00019909	6.85E-05	1.66E-04	5.13E-05	3.94E-05	1.31E-05	3.07E-05	6.32E-06
9474	625852.45	4265860.64	0.00019921	6.85E-05	1.67E-04	5.13E-05	3.94E-05	1.31E-05	3.07E-05	6.32E-06
9475	625852.62	4265850.71	0.00019944	6.86E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9476	625852.78	4265840.77	0.00019984	6.87E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.08E-05	6.34E-06
9477	625852.94	4265830.84	0.00020036	6.89E-05	1.67E-04	5.16E-05	3.97E-05	1.32E-05	3.09E-05	6.36E-06
9478	625853.11	4265820.91	0.00020099	6.91E-05	1.68E-04	5.17E-05	3.98E-05	1.32E-05	3.10E-05	6.38E-06
9479	625853.27	4265810.97	0.00020179	6.94E-05	1.69E-04	5.20E-05	3.99E-05	1.33E-05	3.11E-05	6.40E-06
9480	625853.44	4265801.04	0.00020268	6.97E-05	1.69E-04	5.22E-05	4.01E-05	1.34E-05	3.13E-05	6.43E-06
9481	625853.6	4265791.11	0.00020369	7.00E-05	1.70E-04	5.24E-05	4.03E-05	1.34E-05	3.14E-05	6.46E-06
9482	625853.76	4265781.17	0.00020483	7.04E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05	6.50E-06
9483	625853.93	4265771.24	0.00020604	7.09E-05	1.72E-04	5.30E-05	4.08E-05	1.36E-05	3.18E-05	6.54E-06
9484	625854.09	4265761.31	0.00020736	7.13E-05	1.73E-04	5.34E-05	4.10E-05	1.37E-05	3.20E-05	6.58E-06
9485	625854.25	4265751.37	0.00020874	7.18E-05	1.74E-04	5.37E-05	4.13E-05	1.38E-05	3.22E-05	6.62E-06
9486	625854.42	4265741.44	0.00021017	7.23E-05	1.76E-04	5.41E-05	4.16E-05	1.38E-05	3.24E-05	6.67E-06
9487	625854.58	4265731.51	0.00021167	7.28E-05	1.77E-04	5.45E-05	4.19E-05	1.39E-05	3.27E-05	6.72E-06
9488	625854.74	4265721.57	0.00021322	7.33E-05	1.78E-04	5.49E-05	4.22E-05	1.40E-05	3.29E-05	6.77E-06
9489	625854.91	4265711.64	0.00021477	7.39E-05	1.80E-04	5.53E-05	4.25E-05	1.42E-05	3.31E-05	6.82E-06
9490	625855.07	4265701.71	0.00021632	7.44E-05	1.81E-04	5.57E-05	4.28E-05	1.43E-05	3.34E-05	6.86E-06
9491	625855.23	4265691.77	0.00021789	7.49E-05	1.82E-04	5.61E-05	4.31E-05	1.44E-05	3.36E-05	6.92E-06
9492	625939.48	4266188.4	0.00020458	7.03E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05	6.49E-06
9493	625935.53	4266197.5	0.00020601	7.08E-05	1.72E-04	5.30E-05	4.08E-05	1.36E-05	3.18E-05	6.54E-06
9494	625931.58	4266206.59	0.00020736	7.13E-05	1.73E-04	5.34E-05	4.10E-05	1.37E-05	3.20E-05	6.58E-06
9495	625927.64	4266215.68	0.00020862	7.17E-05	1.74E-04	5.37E-05	4.13E-05	1.37E-05	3.22E-05	6.62E-06
9496	625923.69	4266224.78	0.00020983	7.22E-05	1.75E-04	5.40E-05	4.15E-05	1.38E-05	3.24E-05	6.66E-06
9497	625919.74	4266233.87	0.00021092	7.25E-05	1.76E-04	5.43E-05	4.17E-05	1.39E-05	3.25E-05	6.69E-06
9498	625915.8	4266242.97	0.00021192	7.29E-05	1.77E-04	5.46E-05	4.19E-05	1.40E-05	3.27E-05	6.73E-06
9499	625911.85	4266252.06	0.00021284	7.32E-05	1.78E-04	5.48E-05	4.21E-05	1.40E-05	3.28E-05	6.75E-06
9500	625907.9	4266261.15	0.00021362	7.35E-05	1.79E-04	5.50E-05	4.23E-05	1.41E-05	3.30E-05	6.78E-06
9501	625903.95	4266270.25	0.00021428	7.37E-05	1.79E-04	5.52E-05	4.24E-05	1.41E-05	3.31E-05	6.80E-06
9502	625900.01	4266279.34	0.00021479	7.39E-05	1.80E-04	5.53E-05	4.25E-05	1.42E-05	3.31E-05	6.82E-06
9503	625896.06	4266288.43	0.00021517	7.40E-05	1.80E-04	5.54E-05	4.26E-05	1.42E-05	3.32E-05	6.83E-06
9504	625892.11	4266297.53	0.00021543	7.41E-05	1.80E-04	5.55E-05	4.26E-05	1.42E-05	3.32E-05	6.84E-06
9505	625888.17	4266306.62	0.00021548	7.41E-05	1.80E-04	5.55E-05	4.27E-05	1.42E-05	3.32E-05	6.84E-06
9506	625884.22	4266315.71	0.0002154	7.41E-05	1.80E-04	5.55E-05	4.26E-05	1.42E-05	3.32E-05	6.84E-06
9507	625880.27	4266324.81	0.00021522	7.40E-05	1.80E-04	5.54E-05	4.26E-05	1.42E-05	3.32E-05	6.83E-06
9508	625876.33	4266333.9	0.00021494	7.39E-05	1.80E-04	5.53E-05	4.25E-05	1.42E-05	3.32E-05	6.82E-06
9509	625872.38	4266342.99	0.00021451	7.38E-05	1.79E-04	5.52E-05	4.25E-05	1.41E-05	3.31E-05	6.81E-06
9510	625868.43	4266352.09	0.00021396	7.36E-05	1.79E-04	5.51E-05	4.24E-05	1.41E-05	3.30E-05	6.79E-06
9511	625864.48	4266361.18	0.0002133	7.33E-05	1.78E-04	5.49E-05	4.22E-05	1.41E-05	3.29E-05	6.77E-06

9512	625860.54	4266370.27	0.00021253	7.31E-05	1.78E-04	5.47E-05	4.21E-05	1.40E-05	3.28E-05	6.74E-06
9513	625856.59	4266379.37	0.00021169	7.28E-05	1.77E-04	5.45E-05	4.19E-05	1.39E-05	3.27E-05	6.72E-06
9514	625852.64	4266388.46	0.00021078	7.25E-05	1.76E-04	5.43E-05	4.17E-05	1.39E-05	3.25E-05	6.69E-06
9515	625848.7	4266397.55	0.00020983	7.22E-05	1.75E-04	5.40E-05	4.15E-05	1.38E-05	3.24E-05	6.66E-06
9516	625844.75	4266406.65	0.00020882	7.18E-05	1.75E-04	5.38E-05	4.13E-05	1.38E-05	3.22E-05	6.63E-06
9517	625840.8	4266415.74	0.00020782	7.15E-05	1.74E-04	5.35E-05	4.11E-05	1.37E-05	3.21E-05	6.60E-06
9518	625836.86	4266424.83	0.00020682	7.11E-05	1.73E-04	5.32E-05	4.09E-05	1.36E-05	3.19E-05	6.56E-06
9519	625832.91	4266433.93	0.00020584	7.08E-05	1.72E-04	5.30E-05	4.07E-05	1.36E-05	3.18E-05	6.53E-06
9520	625828.96	4266443.02	0.00020483	7.04E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05	6.50E-06
9521	625825.01	4266452.11	0.00020389	7.01E-05	1.70E-04	5.25E-05	4.04E-05	1.34E-05	3.15E-05	6.47E-06
9522	625821.07	4266461.21	0.00020297	6.98E-05	1.70E-04	5.23E-05	4.02E-05	1.34E-05	3.13E-05	6.44E-06
9523	625817.12	4266470.3	0.00020219	6.95E-05	1.69E-04	5.21E-05	4.00E-05	1.33E-05	3.12E-05	6.42E-06
9524	625813.17	4266479.39	0.00020151	6.93E-05	1.68E-04	5.19E-05	3.99E-05	1.33E-05	3.11E-05	6.39E-06
9525	625809.23	4266488.49	0.0002009	6.91E-05	1.68E-04	5.17E-05	3.98E-05	1.32E-05	3.10E-05	6.38E-06
9526	625805.28	4266497.58	0.00020042	6.89E-05	1.68E-04	5.16E-05	3.97E-05	1.32E-05	3.09E-05	6.36E-06
9527	625801.33	4266506.67	0.00020001	6.88E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.09E-05	6.35E-06
9528	625797.39	4266515.77	0.0001997	6.87E-05	1.67E-04	5.14E-05	3.95E-05	1.32E-05	3.08E-05	6.34E-06
9529	625793.44	4266524.86	0.00019947	6.86E-05	1.67E-04	5.14E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9530	625789.49	4266533.95	0.00019935	6.86E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9531	625785.54	4266543.05	0.00019932	6.85E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9532	625781.6	4266552.14	0.00019938	6.86E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9533	625777.65	4266561.24	0.0001995	6.86E-05	1.67E-04	5.14E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9534	625773.7	4266570.33	0.00019967	6.87E-05	1.67E-04	5.14E-05	3.95E-05	1.32E-05	3.08E-05	6.34E-06
9535	625769.76	4266579.42	0.0001999	6.87E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.08E-05	6.34E-06
9536	625765.81	4266588.52	0.00020019	6.88E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.09E-05	6.35E-06
9537	625761.86	4266597.61	0.00020062	6.90E-05	1.68E-04	5.17E-05	3.97E-05	1.32E-05	3.10E-05	6.37E-06
9538	625757.92	4266606.7	0.0002011	6.92E-05	1.68E-04	5.18E-05	3.98E-05	1.33E-05	3.10E-05	6.38E-06
9539	625753.97	4266615.8	0.00020168	6.94E-05	1.69E-04	5.19E-05	3.99E-05	1.33E-05	3.11E-05	6.40E-06
9540	625750.02	4266624.89	0.00020228	6.96E-05	1.69E-04	5.21E-05	4.00E-05	1.33E-05	3.12E-05	6.42E-06
9541	625746.07	4266633.98	0.00020297	6.98E-05	1.70E-04	5.23E-05	4.02E-05	1.34E-05	3.13E-05	6.44E-06
9542	625742.13	4266643.08	0.00020369	7.00E-05	1.70E-04	5.24E-05	4.03E-05	1.34E-05	3.14E-05	6.46E-06
9543	625738.18	4266652.17	0.00020446	7.03E-05	1.71E-04	5.26E-05	4.05E-05	1.35E-05	3.15E-05	6.49E-06
9544	625734.23	4266661.26	0.00020529	7.06E-05	1.72E-04	5.29E-05	4.06E-05	1.35E-05	3.17E-05	6.52E-06
9545	625730.29	4266670.36	0.00020616	7.09E-05	1.72E-04	5.31E-05	4.08E-05	1.36E-05	3.18E-05	6.54E-06
9546	625726.34	4266679.45	0.00020704	7.12E-05	1.73E-04	5.33E-05	4.10E-05	1.36E-05	3.19E-05	6.57E-06
9547	625722.39	4266688.54	0.00020799	7.15E-05	1.74E-04	5.35E-05	4.12E-05	1.37E-05	3.21E-05	6.60E-06
9548	625718.45	4266697.64	0.00020897	7.19E-05	1.75E-04	5.38E-05	4.14E-05	1.38E-05	3.22E-05	6.63E-06
9549	625714.5	4266706.73	0.00021	7.22E-05	1.76E-04	5.41E-05	4.16E-05	1.38E-05	3.24E-05	6.66E-06
9550	625710.55	4266715.82	0.00021106	7.26E-05	1.76E-04	5.43E-05	4.18E-05	1.39E-05	3.26E-05	6.70E-06
9551	625706.6	4266724.92	0.00021215	7.30E-05	1.77E-04	5.46E-05	4.20E-05	1.40E-05	3.27E-05	6.73E-06
9552	625702.66	4266734.01	0.00021333	7.34E-05	1.78E-04	5.49E-05	4.22E-05	1.41E-05	3.29E-05	6.77E-06
9553	625698.71	4266743.1	0.00021454	7.38E-05	1.79E-04	5.52E-05	4.25E-05	1.41E-05	3.31E-05	6.81E-06
9554	625694.76	4266752.2	0.00021577	7.42E-05	1.80E-04	5.56E-05	4.27E-05	1.42E-05	3.33E-05	6.85E-06
9555	625682.92	4266779.48	0.00021964	7.55E-05	1.84E-04	5.66E-05	4.35E-05	1.45E-05	3.39E-05	6.97E-06
9556	625678.98	4266788.57	0.00022099	7.60E-05	1.85E-04	5.69E-05	4.37E-05	1.46E-05	3.41E-05	7.01E-06
9557	625675.03	4266797.66	0.00022231	7.64E-05	1.86E-04	5.72E-05	4.40E-05	1.46E-05	3.43E-05	7.06E-06
9558	625671.08	4266806.76	0.00022363	7.69E-05	1.87E-04	5.76E-05	4.43E-05	1.47E-05	3.45E-05	7.10E-06
9559	625667.13	4266815.85	0.00022495	7.74E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05	7.14E-06
9560	625663.19	4266824.94	0.00022625	7.78E-05	1.89E-04	5.82E-05	4.48E-05	1.49E-05	3.49E-05	7.18E-06
9561	625659.24	4266834.04	0.00022754	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
9562	625655.29	4266843.13	0.00022883	7.87E-05	1.91E-04	5.89E-05	4.53E-05	1.51E-05	3.53E-05	7.26E-06
9563	625651.35	4266852.22	0.00023009	7.91E-05	1.92E-04	5.92E-05	4.55E-05	1.52E-05	3.55E-05	7.30E-06
9564	625647.4	4266861.32	0.00023133	7.95E-05	1.93E-04	5.96E-05	4.58E-05	1.52E-05	3.57E-05	7.34E-06
9565	625643.45	4266870.41	0.00023253	8.00E-05	1.94E-04	5.99E-05	4.60E-05	1.53E-05	3.59E-05	7.38E-06
9566	625639.51	4266879.51	0.00023374	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06

9567	625635.56	4266888.6	0.00023488	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.62E-05	7.45E-06
9568	625631.61	4266897.69	0.00023603	8.12E-05	1.97E-04	6.08E-05	4.67E-05	1.56E-05	3.64E-05	7.49E-06
9569	625627.66	4266906.79	0.00023709	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05	7.52E-06
9570	625623.72	4266915.88	0.00023813	8.19E-05	1.99E-04	6.13E-05	4.71E-05	1.57E-05	3.67E-05	7.56E-06
9571	625619.77	4266924.97	0.00023913	8.22E-05	2.00E-04	6.16E-05	4.73E-05	1.58E-05	3.69E-05	7.59E-06
9572	625565.76	4266961.32	0.00025541	8.78E-05	2.13E-04	6.58E-05	5.06E-05	1.68E-05	3.94E-05	8.11E-06
9573	625556.54	4266964.95	0.00025822	8.88E-05	2.16E-04	6.65E-05	5.11E-05	1.70E-05	3.98E-05	8.19E-06
9574	625547.31	4266968.59	0.000261	8.98E-05	2.18E-04	6.72E-05	5.17E-05	1.72E-05	4.03E-05	8.28E-06
9575	625538.09	4266972.22	0.00026373	9.07E-05	2.20E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05	8.37E-06
9576	625528.87	4266975.85	0.00026643	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.76E-05	4.11E-05	8.46E-06
9577	625519.64	4266979.49	0.00026907	9.25E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
9578	625510.42	4266983.12	0.00027165	9.34E-05	2.27E-04	6.99E-05	5.38E-05	1.79E-05	4.19E-05	8.62E-06
9579	625501.19	4266986.75	0.0002742	9.43E-05	2.29E-04	7.06E-05	5.43E-05	1.81E-05	4.23E-05	8.70E-06
9580	625491.97	4266990.38	0.0002767	9.51E-05	2.31E-04	7.12E-05	5.48E-05	1.82E-05	4.27E-05	8.78E-06
9581	625482.75	4266994.02	0.00027914	9.60E-05	2.33E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05	8.86E-06
9582	625473.52	4266997.65	0.00028155	9.68E-05	2.35E-04	7.25E-05	5.57E-05	1.86E-05	4.34E-05	8.94E-06
9583	625464.3	4267001.28	0.00028393	9.76E-05	2.37E-04	7.31E-05	5.62E-05	1.87E-05	4.38E-05	9.01E-06
9584	625455.08	4267004.91	0.00028629	9.84E-05	2.39E-04	7.37E-05	5.67E-05	1.89E-05	4.42E-05	9.09E-06
9585	625445.85	4267008.55	0.00028858	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05	9.16E-06
9586	625436.63	4267012.18	0.00029088	1.00E-04	2.43E-04	7.49E-05	5.76E-05	1.92E-05	4.49E-05	9.23E-06
9587	625427.41	4267015.81	0.00029315	1.01E-04	2.45E-04	7.55E-05	5.80E-05	1.93E-05	4.52E-05	9.30E-06
9588	625418.18	4267019.44	0.00029541	1.02E-04	2.47E-04	7.61E-05	5.85E-05	1.95E-05	4.56E-05	9.37E-06
9589	625408.96	4267023.08	0.00029765	1.02E-04	2.49E-04	7.66E-05	5.89E-05	1.96E-05	4.59E-05	9.45E-06
9590	625399.74	4267026.71	0.00029989	1.03E-04	2.51E-04	7.72E-05	5.94E-05	1.98E-05	4.63E-05	9.52E-06
9591	625390.51	4267030.34	0.00030213	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
9592	625381.29	4267033.98	0.0003044	1.05E-04	2.54E-04	7.84E-05	6.03E-05	2.01E-05	4.70E-05	9.66E-06
9593	625372.07	4267037.61	0.00030664	1.05E-04	2.56E-04	7.89E-05	6.07E-05	2.02E-05	4.73E-05	9.73E-06
9594	625362.84	4267041.24	0.00030887	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.04E-05	4.77E-05	9.80E-06
9595	625353.62	4267044.87	0.00031111	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05	9.87E-06
9596	625344.4	4267048.51	0.00031335	1.08E-04	2.62E-04	8.07E-05	6.20E-05	2.06E-05	4.84E-05	9.94E-06
9597	625335.17	4267052.14	0.00031559	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
9598	625325.95	4267055.77	0.0003178	1.09E-04	2.66E-04	8.18E-05	6.29E-05	2.09E-05	4.90E-05	1.01E-05
9599	625316.72	4267059.4	0.00032001	1.10E-04	2.67E-04	8.24E-05	6.33E-05	2.11E-05	4.94E-05	1.02E-05
9600	625307.5	4267063.04	0.00032216	1.11E-04	2.69E-04	8.29E-05	6.38E-05	2.12E-05	4.97E-05	1.02E-05
9601	625298.28	4267066.67	0.00032426	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.00E-05	1.03E-05
9602	625289.05	4267070.3	0.00032632	1.12E-04	2.73E-04	8.40E-05	6.46E-05	2.15E-05	5.04E-05	1.04E-05
9603	625279.83	4267073.93	0.00032833	1.13E-04	2.74E-04	8.45E-05	6.50E-05	2.16E-05	5.07E-05	1.04E-05
9604	625270.61	4267077.57	0.00033026	1.14E-04	2.76E-04	8.50E-05	6.54E-05	2.18E-05	5.10E-05	1.05E-05
9605	625261.38	4267081.2	0.00033212	1.14E-04	2.78E-04	8.55E-05	6.57E-05	2.19E-05	5.12E-05	1.05E-05
9606	625252.16	4267084.83	0.0003339	1.15E-04	2.79E-04	8.60E-05	6.61E-05	2.20E-05	5.15E-05	1.06E-05
9607	625242.94	4267088.47	0.00033559	1.15E-04	2.81E-04	8.64E-05	6.64E-05	2.21E-05	5.18E-05	1.07E-05
9608	625233.71	4267092.1	0.0003372	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
9609	625224.49	4267095.73	0.00033875	1.16E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
9610	625215.27	4267099.36	0.00034019	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
9611	625206.04	4267103	0.00034154	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
9612	625196.82	4267106.63	0.00034283	1.18E-04	2.87E-04	8.83E-05	6.79E-05	2.26E-05	5.29E-05	1.09E-05
9613	625187.6	4267110.26	0.00034406	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05	1.09E-05
9614	625178.37	4267113.89	0.00034521	1.19E-04	2.89E-04	8.89E-05	6.83E-05	2.27E-05	5.33E-05	1.10E-05
9615	625169.15	4267117.53	0.0003463	1.19E-04	2.89E-04	8.92E-05	6.85E-05	2.28E-05	5.34E-05	1.10E-05
9616	625159.93	4267121.16	0.00034733	1.19E-04	2.90E-04	8.94E-05	6.88E-05	2.29E-05	5.36E-05	1.10E-05
9617	625150.7	4267124.79	0.00034831	1.20E-04	2.91E-04	8.97E-05	6.89E-05	2.29E-05	5.37E-05	1.11E-05
9618	625141.48	4267128.42	0.00034923	1.20E-04	2.92E-04	8.99E-05	6.91E-05	2.30E-05	5.39E-05	1.11E-05
9619	625132.25	4267132.06	0.00035009	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05	1.11E-05
9620	625123.03	4267135.69	0.00035089	1.21E-04	2.93E-04	9.03E-05	6.95E-05	2.31E-05	5.41E-05	1.11E-05
9621	625113.81	4267139.32	0.00035161	1.21E-04	2.94E-04	9.05E-05	6.96E-05	2.32E-05	5.43E-05	1.12E-05

9622	625104.58	4267142.96	0.00035224	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.44E-05	1.12E-05
9623	625095.36	4267146.59	0.00035279	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05	1.12E-05
9624	625086.14	4267150.22	0.00035322	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
9625	625076.91	4267153.85	0.00035356	1.22E-04	2.96E-04	9.10E-05	7.00E-05	2.33E-05	5.46E-05	1.12E-05
9626	625067.69	4267157.49	0.00035373	1.22E-04	2.96E-04	9.11E-05	7.00E-05	2.33E-05	5.46E-05	1.12E-05
9627	625058.47	4267161.12	0.00035379	1.22E-04	2.96E-04	9.11E-05	7.00E-05	2.33E-05	5.46E-05	1.12E-05
9628	625049.24	4267164.75	0.00035368	1.22E-04	2.96E-04	9.11E-05	7.00E-05	2.33E-05	5.46E-05	1.12E-05
9629	625040.02	4267168.38	0.00035342	1.22E-04	2.95E-04	9.10E-05	7.00E-05	2.33E-05	5.45E-05	1.12E-05
9630	625030.8	4267172.02	0.00035299	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
9631	625021.57	4267175.65	0.00035238	1.21E-04	2.95E-04	9.07E-05	6.97E-05	2.32E-05	5.44E-05	1.12E-05
9632	625012.35	4267179.28	0.00035161	1.21E-04	2.94E-04	9.05E-05	6.96E-05	2.32E-05	5.43E-05	1.12E-05
9633	625003.13	4267182.91	0.00035066	1.21E-04	2.93E-04	9.03E-05	6.94E-05	2.31E-05	5.41E-05	1.11E-05
9634	624993.9	4267186.55	0.00034957	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.39E-05	1.11E-05
9635	624984.68	4267190.18	0.00034831	1.20E-04	2.91E-04	8.97E-05	6.89E-05	2.29E-05	5.37E-05	1.11E-05
9636	624975.46	4267193.81	0.00034693	1.19E-04	2.90E-04	8.93E-05	6.87E-05	2.29E-05	5.35E-05	1.10E-05
9637	624966.23	4267197.44	0.00034541	1.19E-04	2.89E-04	8.89E-05	6.84E-05	2.28E-05	5.33E-05	1.10E-05
9638	624957.01	4267201.08	0.00034377	1.18E-04	2.87E-04	8.85E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
9639	624947.78	4267204.71	0.00034205	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
9640	624938.56	4267208.34	0.00034027	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
9641	624929.34	4267211.98	0.00033844	1.16E-04	2.83E-04	8.71E-05	6.70E-05	2.23E-05	5.22E-05	1.07E-05
9642	624920.11	4267215.61	0.00033654	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
9643	624910.89	4267219.24	0.00033465	1.15E-04	2.80E-04	8.62E-05	6.62E-05	2.20E-05	5.16E-05	1.06E-05
9644	624901.67	4267222.87	0.00033275	1.14E-04	2.78E-04	8.57E-05	6.59E-05	2.19E-05	5.13E-05	1.06E-05
9645	624892.44	4267226.51	0.00033086	1.14E-04	2.77E-04	8.52E-05	6.55E-05	2.18E-05	5.11E-05	1.05E-05
9646	624883.22	4267230.14	0.00032899	1.13E-04	2.75E-04	8.47E-05	6.51E-05	2.17E-05	5.08E-05	1.04E-05
9647	624874	4267233.77	0.00032716	1.13E-04	2.73E-04	8.42E-05	6.48E-05	2.16E-05	5.05E-05	1.04E-05
9648	624864.77	4267237.4	0.00032535	1.12E-04	2.72E-04	8.38E-05	6.44E-05	2.14E-05	5.02E-05	1.03E-05
9649	624855.55	4267241.04	0.00032357	1.11E-04	2.70E-04	8.33E-05	6.40E-05	2.13E-05	4.99E-05	1.03E-05
9650	624846.33	4267244.67	0.00032185	1.11E-04	2.69E-04	8.29E-05	6.37E-05	2.12E-05	4.97E-05	1.02E-05
9651	624837.1	4267248.3	0.00032015	1.10E-04	2.68E-04	8.24E-05	6.34E-05	2.11E-05	4.94E-05	1.02E-05
9652	625947.53	4266160.28	0.00020076	6.90E-05	1.68E-04	5.17E-05	3.97E-05	1.32E-05	3.10E-05	6.37E-06
9653	625947.7	4266150.35	0.0001999	6.87E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.08E-05	6.34E-06
9654	625947.86	4266140.42	0.00019898	6.84E-05	1.66E-04	5.12E-05	3.94E-05	1.31E-05	3.07E-05	6.31E-06
9655	625948.03	4266130.48	0.00019798	6.81E-05	1.65E-04	5.10E-05	3.92E-05	1.30E-05	3.05E-05	6.28E-06
9656	625948.19	4266120.55	0.00019697	6.77E-05	1.65E-04	5.07E-05	3.90E-05	1.30E-05	3.04E-05	6.25E-06
9657	625948.35	4266110.62	0.00019594	6.74E-05	1.64E-04	5.04E-05	3.88E-05	1.29E-05	3.02E-05	6.22E-06
9658	625948.52	4266100.68	0.00019482	6.70E-05	1.63E-04	5.02E-05	3.86E-05	1.28E-05	3.01E-05	6.18E-06
9659	625948.68	4266090.75	0.00019358	6.66E-05	1.62E-04	4.98E-05	3.83E-05	1.28E-05	2.99E-05	6.14E-06
9660	625948.84	4266080.82	0.00019235	6.61E-05	1.61E-04	4.95E-05	3.81E-05	1.27E-05	2.97E-05	6.10E-06
9661	625949.01	4266070.88	0.000191	6.57E-05	1.60E-04	4.92E-05	3.78E-05	1.26E-05	2.95E-05	6.06E-06
9662	625949.17	4266060.95	0.00018959	6.52E-05	1.58E-04	4.88E-05	3.75E-05	1.25E-05	2.93E-05	6.02E-06
9663	625949.33	4266051.02	0.00018816	6.47E-05	1.57E-04	4.84E-05	3.72E-05	1.24E-05	2.90E-05	5.97E-06
9664	625949.5	4266041.08	0.00018675	6.42E-05	1.56E-04	4.81E-05	3.70E-05	1.23E-05	2.88E-05	5.93E-06
9665	625949.66	4266031.15	0.00018538	6.37E-05	1.55E-04	4.77E-05	3.67E-05	1.22E-05	2.86E-05	5.88E-06
9666	625949.82	4266021.22	0.00018403	6.33E-05	1.54E-04	4.74E-05	3.64E-05	1.21E-05	2.84E-05	5.84E-06
9667	625949.99	4266011.28	0.00018268	6.28E-05	1.53E-04	4.70E-05	3.62E-05	1.20E-05	2.82E-05	5.80E-06
9668	625950.15	4266001.35	0.00018133	6.24E-05	1.52E-04	4.67E-05	3.59E-05	1.19E-05	2.80E-05	5.75E-06
9669	625950.31	4265991.42	0.00018001	6.19E-05	1.50E-04	4.63E-05	3.56E-05	1.19E-05	2.78E-05	5.71E-06
9670	625950.48	4265981.48	0.00017883	6.15E-05	1.49E-04	4.60E-05	3.54E-05	1.18E-05	2.76E-05	5.68E-06
9671	625950.64	4265971.55	0.00017789	6.12E-05	1.49E-04	4.58E-05	3.52E-05	1.17E-05	2.74E-05	5.65E-06
9672	625950.81	4265961.62	0.000177	6.09E-05	1.48E-04	4.56E-05	3.50E-05	1.17E-05	2.73E-05	5.62E-06
9673	625950.97	4265951.68	0.00017616	6.06E-05	1.47E-04	4.54E-05	3.49E-05	1.16E-05	2.72E-05	5.59E-06
9674	625951.13	4265941.75	0.00017545	6.03E-05	1.47E-04	4.52E-05	3.47E-05	1.16E-05	2.71E-05	5.57E-06
9675	625951.3	4265931.82	0.00017479	6.01E-05	1.46E-04	4.50E-05	3.46E-05	1.15E-05	2.70E-05	5.55E-06
9676	625951.46	4265921.88	0.00017424	5.99E-05	1.46E-04	4.49E-05	3.45E-05	1.15E-05	2.69E-05	5.53E-06

9677	625951.62	4265911.95	0.00017381	5.98E-05	1.45E-04	4.47E-05	3.44E-05	1.15E-05	2.68E-05	5.52E-06
9678	625951.79	4265902.02	0.00017349	5.97E-05	1.45E-04	4.47E-05	3.43E-05	1.14E-05	2.68E-05	5.51E-06
9679	625951.95	4265892.08	0.00017335	5.96E-05	1.45E-04	4.46E-05	3.43E-05	1.14E-05	2.67E-05	5.50E-06
9680	625952.11	4265882.15	0.00017344	5.96E-05	1.45E-04	4.47E-05	3.43E-05	1.14E-05	2.68E-05	5.50E-06
9681	625952.28	4265872.22	0.00017361	5.97E-05	1.45E-04	4.47E-05	3.44E-05	1.14E-05	2.68E-05	5.51E-06
9682	625952.44	4265862.28	0.0001739	5.98E-05	1.45E-04	4.48E-05	3.44E-05	1.15E-05	2.68E-05	5.52E-06
9683	625952.6	4265852.35	0.00017418	5.99E-05	1.46E-04	4.48E-05	3.45E-05	1.15E-05	2.69E-05	5.53E-06
9684	625952.77	4265842.42	0.00017461	6.00E-05	1.46E-04	4.50E-05	3.46E-05	1.15E-05	2.69E-05	5.54E-06
9685	625952.93	4265832.48	0.00017516	6.02E-05	1.46E-04	4.51E-05	3.47E-05	1.15E-05	2.70E-05	5.56E-06
9686	625953.09	4265822.55	0.00017582	6.05E-05	1.47E-04	4.53E-05	3.48E-05	1.16E-05	2.71E-05	5.58E-06
9687	625953.26	4265812.62	0.00017659	6.07E-05	1.48E-04	4.55E-05	3.50E-05	1.16E-05	2.72E-05	5.60E-06
9688	625953.42	4265802.68	0.00017745	6.10E-05	1.48E-04	4.57E-05	3.51E-05	1.17E-05	2.74E-05	5.63E-06
9689	625953.59	4265792.75	0.00017843	6.14E-05	1.49E-04	4.59E-05	3.53E-05	1.18E-05	2.75E-05	5.66E-06
9690	625953.75	4265782.82	0.00017946	6.17E-05	1.50E-04	4.62E-05	3.55E-05	1.18E-05	2.77E-05	5.70E-06
9691	625953.91	4265772.88	0.00018058	6.21E-05	1.51E-04	4.65E-05	3.57E-05	1.19E-05	2.79E-05	5.73E-06
9692	625954.08	4265762.95	0.00018179	6.25E-05	1.52E-04	4.68E-05	3.60E-05	1.20E-05	2.81E-05	5.77E-06
9693	625954.24	4265753.02	0.00018302	6.29E-05	1.53E-04	4.71E-05	3.62E-05	1.21E-05	2.82E-05	5.81E-06
9694	625954.4	4265743.08	0.00018429	6.34E-05	1.54E-04	4.74E-05	3.65E-05	1.21E-05	2.84E-05	5.85E-06
9695	625954.57	4265733.15	0.00018543	6.38E-05	1.55E-04	4.77E-05	3.67E-05	1.22E-05	2.86E-05	5.88E-06
9696	625954.73	4265723.22	0.00018661	6.42E-05	1.56E-04	4.80E-05	3.69E-05	1.23E-05	2.88E-05	5.92E-06
9697	625954.89	4265713.28	0.00018784	6.46E-05	1.57E-04	4.84E-05	3.72E-05	1.24E-05	2.90E-05	5.96E-06
9698	625955.06	4265703.35	0.00018922	6.51E-05	1.58E-04	4.87E-05	3.75E-05	1.25E-05	2.92E-05	6.01E-06
9699	625955.22	4265693.42	0.00019063	6.56E-05	1.59E-04	4.91E-05	3.77E-05	1.26E-05	2.94E-05	6.05E-06

			T2		4831	T3			T4i			T4f		
					1.11E-05			9.07E-06			2.19E-06			1.55E-06
					4266167.69									
			Yr 1	Yr 2	Total	Yr 1	Yr 2	Total	Yr 1	Yr 2	Total	Yr 1	Yr 2	Total
1	624845.6	4265665.17	4.03E-06	1.28E-06	5.32E-06	3.37E-06	9.59E-07	4.33E-06	7.99E-07	2.45E-07	1.04E-06	6.22E-07	1.18E-07	7.41E-07
2	624835.69	4265665.04	4.40E-06	1.40E-06	5.80E-06	3.68E-06	1.05E-06	4.72E-06	8.71E-07	2.68E-07	1.14E-06	6.79E-07	1.29E-07	8.08E-07
3	624825.78	4265664.9	4.79E-06	1.52E-06	6.32E-06	4.01E-06	1.14E-06	5.15E-06	9.49E-07	2.92E-07	1.24E-06	7.40E-07	1.41E-07	8.80E-07
4	624815.87	4265664.76	5.17E-06	1.64E-06	6.82E-06	4.32E-06	1.23E-06	5.55E-06	1.02E-06	3.15E-07	1.34E-06	7.98E-07	1.52E-07	9.50E-07
5	624805.96	4265664.62	5.42E-06	1.72E-06	7.14E-06	4.53E-06	1.29E-06	5.82E-06	1.07E-06	3.30E-07	1.40E-06	8.36E-07	1.59E-07	9.95E-07
6	624796.06	4265664.49	5.39E-06	1.71E-06	7.10E-06	4.50E-06	1.28E-06	5.78E-06	1.07E-06	3.28E-07	1.39E-06	8.31E-07	1.58E-07	9.89E-07
7	624786.15	4265664.35	5.25E-06	1.67E-06	6.92E-06	4.39E-06	1.25E-06	5.64E-06	1.04E-06	3.20E-07	1.36E-06	8.11E-07	1.54E-07	9.65E-07
8	624776.24	4265664.21	5.30E-06	1.68E-06	6.98E-06	4.43E-06	1.26E-06	5.69E-06	1.05E-06	3.22E-07	1.37E-06	8.17E-07	1.55E-07	9.73E-07
9	624766.33	4265664.07	5.48E-06	1.74E-06	7.22E-06	4.58E-06	1.30E-06	5.89E-06	1.09E-06	3.34E-07	1.42E-06	8.46E-07	1.61E-07	1.01E-06
10	624756.42	4265663.94	5.72E-06	1.82E-06	7.54E-06	4.78E-06	1.36E-06	6.14E-06	1.13E-06	3.48E-07	1.48E-06	8.83E-07	1.68E-07	1.05E-06
11	624746.51	4265663.8	5.90E-06	1.87E-06	7.77E-06	4.93E-06	1.40E-06	6.33E-06	1.17E-06	3.59E-07	1.53E-06	9.10E-07	1.73E-07	1.08E-06
12	624736.6	4265663.66	5.85E-06	1.86E-06	7.70E-06	4.89E-06	1.39E-06	6.28E-06	1.16E-06	3.56E-07	1.51E-06	9.02E-07	1.71E-07	1.07E-06
13	624726.69	4265663.52	5.58E-06	1.77E-06	7.35E-06	4.66E-06	1.33E-06	5.99E-06	1.10E-06	3.39E-07	1.44E-06	8.61E-07	1.64E-07	1.02E-06
14	624716.79	4265663.39	5.44E-06	1.73E-06	7.17E-06	4.55E-06	1.29E-06	5.85E-06	1.08E-06	3.31E-07	1.41E-06	8.40E-07	1.60E-07	1.00E-06
15	624706.88	4265663.25	5.49E-06	1.74E-06	7.24E-06	4.59E-06	1.31E-06	5.90E-06	1.09E-06	3.34E-07	1.42E-06	8.48E-07	1.61E-07	1.01E-06
16	624696.97	4265663.11	5.64E-06	1.79E-06	7.43E-06	4.72E-06	1.34E-06	6.06E-06	1.12E-06	3.43E-07	1.46E-06	8.71E-07	1.65E-07	1.04E-06
17	624687.06	4265662.98	5.85E-06	1.86E-06	7.70E-06	4.89E-06	1.39E-06	6.28E-06	1.16E-06	3.56E-07	1.51E-06	9.02E-07	1.71E-07	1.07E-06
18	624677.15	4265662.84	6.02E-06	1.91E-06	7.94E-06	5.04E-06	1.43E-06	6.47E-06	1.19E-06	3.67E-07	1.56E-06	9.30E-07	1.77E-07	1.11E-06
19	624667.24	4265662.7	6.05E-06	1.92E-06	7.97E-06	5.05E-06	1.44E-06	6.49E-06	1.20E-06	3.68E-07	1.56E-06	9.33E-07	1.77E-07	1.11E-06
20	624657.33	4265662.56	5.88E-06	1.87E-06	7.75E-06	4.91E-06	1.40E-06	6.31E-06	1.16E-06	3.58E-07	1.52E-06	9.07E-07	1.72E-07	1.08E-06
21	624647.42	4265662.43	5.77E-06	1.83E-06	7.60E-06	4.82E-06	1.37E-06	6.19E-06	1.14E-06	3.51E-07	1.49E-06	8.90E-07	1.69E-07	1.06E-06
22	624637.52	4265662.29	5.84E-06	1.85E-06	7.69E-06	4.88E-06	1.39E-06	6.27E-06	1.16E-06	3.55E-07	1.51E-06	9.01E-07	1.71E-07	1.07E-06
23	624627.61	4265662.15	6.03E-06	1.92E-06	7.95E-06	5.04E-06	1.43E-06	6.48E-06	1.19E-06	3.67E-07	1.56E-06	9.31E-07	1.77E-07	1.11E-06
24	624617.7	4265662.01	6.28E-06	1.99E-06	8.27E-06	5.25E-06	1.49E-06	6.74E-06	1.24E-06	3.82E-07	1.62E-06	9.69E-07	1.84E-07	1.15E-06
25	624607.79	4265661.88	6.45E-06	2.05E-06	8.49E-06	5.39E-06	1.53E-06	6.92E-06	1.28E-06	3.92E-07	1.67E-06	9.95E-07	1.89E-07	1.18E-06
26	624597.88	4265661.74	6.31E-06	2.00E-06	8.32E-06	5.28E-06	1.50E-06	6.78E-06	1.25E-06	3.84E-07	1.63E-06	9.74E-07	1.85E-07	1.16E-06
27	624587.97	4265661.6	5.98E-06	1.90E-06	7.89E-06	5.00E-06	1.42E-06	6.43E-06	1.18E-06	3.64E-07	1.55E-06	9.23E-07	1.75E-07	1.10E-06
28	624578.06	4265661.46	5.88E-06	1.87E-06	7.74E-06	4.91E-06	1.40E-06	6.31E-06	1.16E-06	3.58E-07	1.52E-06	9.07E-07	1.72E-07	1.08E-06
29	624568.15	4265661.33	5.96E-06	1.89E-06	7.85E-06	4.98E-06	1.42E-06	6.40E-06	1.18E-06	3.63E-07	1.54E-06	9.19E-07	1.75E-07	1.09E-06
30	624558.24	4265661.19	6.12E-06	1.94E-06	8.06E-06	5.11E-06	1.45E-06	6.57E-06	1.21E-06	3.72E-07	1.58E-06	9.44E-07	1.79E-07	1.12E-06
31	624548.34	4265661.05	6.23E-06	1.98E-06	8.21E-06	5.21E-06	1.48E-06	6.69E-06	1.23E-06	3.79E-07	1.61E-06	9.62E-07	1.83E-07	1.14E-06
32	624538.43	4265660.91	6.08E-06	1.93E-06	8.01E-06	5.08E-06	1.45E-06	6.52E-06	1.20E-06	3.70E-07	1.57E-06	9.38E-07	1.78E-07	1.12E-06
33	624528.52	4265660.78	5.67E-06	1.80E-06	7.47E-06	4.74E-06	1.35E-06	6.09E-06	1.12E-06	3.45E-07	1.47E-06	8.75E-07	1.66E-07	1.04E-06
34	624518.61	4265660.64	5.45E-06	1.73E-06	7.18E-06	4.55E-06	1.30E-06	5.85E-06	1.08E-06	3.32E-07	1.41E-06	8.41E-07	1.60E-07	1.00E-06
35	624508.7	4265660.5	5.42E-06	1.72E-06	7.15E-06	4.53E-06	1.29E-06	5.82E-06	1.07E-06	3.30E-07	1.40E-06	8.37E-07	1.59E-07	9.96E-07
36	624498.79	4265660.36	5.47E-06	1.74E-06	7.21E-06	4.58E-06	1.30E-06	5.88E-06	1.08E-06	3.33E-07	1.42E-06	8.45E-07	1.60E-07	1.01E-06
37	624488.88	4265660.23	5.48E-06	1.74E-06	7.22E-06	4.58E-06	1.30E-06	5.89E-06	1.09E-06	3.34E-07	1.42E-06	8.46E-07	1.61E-07	1.01E-06
38	624478.97	4265660.09	5.28E-06	1.68E-06	6.95E-06	4.41E-06	1.25E-06	5.66E-06	1.04E-06	3.21E-07	1.37E-06	8.14E-07	1.55E-07	9.69E-07
39	624469.07	4265659.95	4.87E-06	1.55E-06	6.42E-06	4.07E-06	1.16E-06	5.23E-06	9.64E-07	2.96E-07	1.26E-06	7.51E-07	1.43E-07	8.94E-07
40	624459.16	4265659.81	4.58E-06	1.46E-06	6.04E-06	3.83E-06	1.09E-06	4.92E-06	9.07E-07	2.79E-07	1.19E-06	7.07E-07	1.34E-07	8.42E-07
41	624449.25	4265659.68	4.48E-06	1.42E-06	5.91E-06	3.75E-06	1.07E-06	4.81E-06	8.87E-07	2.73E-07	1.16E-06	6.92E-07	1.31E-07	8.23E-07
42	624439.34	4265659.54	4.48E-06	1.42E-06	5.90E-06	3.74E-06	1.06E-06	4.81E-06	8.86E-07	2.72E-07	1.16E-06	6.91E-07	1.31E-07	8.22E-07
43	624429.43	4265659.4	4.47E-06	1.42E-06	5.90E-06	3.74E-06	1.06E-06	4.80E-06	8.86E-07	2.72E-07	1.16E-06	6.90E-07	1.31E-07	8.22E-07
44	624419.52	4265659.27	4.31E-06	1.37E-06	5.68E-06	3.60E-06	1.02E-06	4.62E-06	8.53E-07	2.62E-07	1.11E-06	6.65E-07	1.26E-07	7.91E-07
45	624409.61	4265659.13	3.79E-06	1.20E-06	4.99E-06	3.17E-06	9.01E-07	4.07E-06	7.50E-07	2.31E-07	9.81E-07	5.85E-07	1.11E-07	6.96E-07
46	624399.7	4265658.99	3.18E-06	1.01E-06	4.19E-06	2.66E-06	7.56E-07	3.42E-06	6.30E-07	1.94E-07	8.23E-07	4.91E-07	9.32E-08	5.84E-07
47	624389.8	4265658.85	2.77E-06	8.80E-07	3.65E-06	2.32E-06	6.59E-07	2.98E-06	5.49E-07	1.69E-07	7.17E-07	4.28E-07	8.12E-08	5.09E-07
48	624379.89	4265658.72	2.48E-06	7.86E-07	3.26E-06	2.07E-06	5.89E-07	2.66E-06	4.90E-07	1.51E-07	6.41E-07	3.82E-07	7.26E-08	4.55E-07
49	624369.98	4265658.58	2.24E-06	7.11E-07	2.95E-06	1.87E-06	5.32E-07	2.40E-06	4.43E-07	1.36E-07	5.79E-07	3.45E-07	6.56E-08	4.11E-07
50	624360.07	4265658.44	2.04E-06	6.48E-07	2.69E-06	1.71E-06	4.85E-07	2.19E-06	4.04E-07	1.24E-07	5.28E-07	3.15E-07	5.98E-08	3.75E-07
51	624872.55	4265668.51	3.27E-06	1.04E-06	4.31E-06	2.73E-06	7.78E-07	3.51E-06	6.48E-07	1.99E-07	8.47E-07	5.05E-07	9.59E-08	6.01E-07
52	624845.74	4265655.17	3.83E-06	1.22E-06	5.04E-06	3.20E-06	9.10E-07	4.11E-06	7.58E-07	2.33E-07	9.91E-07	5.91E-07	1.12E-07	7.03E-07
53	624835.83	4265655.04	4.13E-06	1.31E-06	5.44E-06	3.45E-06	9.81E-07	4.43E-06	8.17E-07	2.51E-07	1.07E-06	6.37E-07	1.21E-07	7.57E-07
54	624825.92	4265654.9	4.42E-06	1.41E-06	5.83E-06	3.70E-06	1.05E-06	4.75E-06	8.76E-07	2.69E-07	1.14E-06	6.83E-07	1.30E-07	8.12E-07
55	624816.01	4265654.76	4.68E-06	1.49E-06	6.16E-06	3.91E-06	1.11E-06	5.02E-06	9.26E-07	2.85E-07	1.21E-06	7.22E-07	1.37E-07	8.59E-07
56	624806.1	4265654.62	4.81E-06	1.53E-06	6.34E-06	4.02E-06	1.14E-06	5.17E-06	9.53E-07	2.93E-07	1.25E-06	7.43E-07	1.41E-07	8.84E-07
57	624796.19	4265654.49	4.81E-06	1.53E-06	6.33E-06	4.02E-06	1.14E-06	5.16E-06	9.52E-07	2.93E-07	1.24E-06	7.42E-07	1.41E-07	8.83E-07
58	624786.29	4265654.35	4.78E-06	1.52E-06	6.30E-06	4.00E-06	1.14E-06	5.13E-06	9.47E-07	2.91E-07	1.24E-06	7.38E-07	1.40E-07	8.78E-07
59	624776.38	4265654.21	4.85E-06	1.54E-06	6.40E-06	4.06E-06	1.15E-06	5.21E-06	9.61E-07	2.95E-07	1.26E-06	7.49E-07	1.42E-07	8.91E-07
60	624766.47	4265654.08	5.00E-06	1.59E-06	6.59E-06	4.18E-06	1.19E-06	5.37E-06	9.91E-07	3.05E-07	1.30E-06	7.72E-07	1.47E-07	9.19E-07
61	624756.56	4265653.94	5.16E-06	1.64E-06	6.80E-06	4.32E-06	1.23E-06	5.54E-06	1.02E-06	3.14E-07	1.34E-06	7.97E-07	1.51E-07	9.48E-07
62	624746.65	4265653.8	5.24E-06	1.67E-06	6.91E-06	4.38E-06	1.25E-06	5.63E-06	1.04E-06	3.19E-07	1.36E-06	8.09E-07	1.54E-07	9.63E-07
63	624736.74	4265653.66	5.18E-06	1.64E-06	6.82E-06	4.33E-06	1.23E-06	5.56E-06	1.02E-06	3.15E-07	1.34E-06	7.99E-07	1.52E-07	9.51E-07
64	624726.83	4265653.53	5.04E-06	1.60E-06	6.65E-06	4.22E-06	1.20E-06	5.42E-06	9.99E-07	3.07E-07	1.31E-06	7.78E-07	1.48E-07	9.26E-07
65	624716.92	4265653.39	5.00E-06	1.59E-06	6.58E-06	4.18E-06	1.19E-06	5.37E-06	9.89E-07	3.04E-07	1.29E-06	7.71E-07	1.46E-07	9.18E-07
66	624707.02	4265653.25	5.06E-06	1.61E-06	6.67E-06	4.23E-06	1.20E-06	5.43E-06	1.00E-06	3.08E-07	1.31E-06	7.81E-07	1.48E-07	9.29E-07
67	624697.11	4265653.11	5.18E-06	1.65E-06	6.83E-06	4.33E-06	1.23E-06	5.56E-06	1.03E-06	3.15E-07	1.34E-06	8.00E-07	1.52E-07	9.52E-07
68	624687.2	4265652.98	5.32E-06	1.69E-06	7.01E-06	4.45E-06	1.27E-06	5.71E-06	1.05E-06	3.24E-07	1.38E-06	8.21E-07	1.56E-07	9.77E-07
69	624677.29	4265652.84	5.41E-06	1.72E-06	7.13E-06	4.52E-06	1.29E-06	5.81E-06	1.07E-06	3.29E-07	1.40E-06	8.35E-07	1.59E-07	9.93E-07
70	624667.38	4265652.7	5.39E-06	1.71E-06	7.11E-06	4.51E-06	1.28E-06	5.79E-06	1.07E-06	3.28E-07	1.40E-06	8.32E-07	1.58E-07	9.90E-07

71	624657.47	4265652.56	5.31E-06	1.69E-06	6.99E-06	4.44E-06	1.26E-06	5.70E-06	1.05E-06	3.23E-07	1.37E-06	8.19E-07	1.56E-07	9.75E-07
72	624647.56	4265652.43	5.28E-06	1.68E-06	6.95E-06	4.41E-06	1.25E-06	5.67E-06	1.04E-06	3.21E-07	1.37E-06	8.14E-07	1.55E-07	9.69E-07
73	624637.65	4265652.29	5.35E-06	1.70E-06	7.05E-06	4.47E-06	1.27E-06	5.75E-06	1.06E-06	3.26E-07	1.39E-06	8.26E-07	1.57E-07	9.83E-07
74	624627.74	4265652.15	5.50E-06	1.75E-06	7.24E-06	4.60E-06	1.31E-06	5.90E-06	1.09E-06	3.35E-07	1.42E-06	8.48E-07	1.61E-07	1.01E-06
75	624617.84	4265652.01	5.64E-06	1.79E-06	7.43E-06	4.72E-06	1.34E-06	6.06E-06	1.12E-06	3.43E-07	1.46E-06	8.71E-07	1.65E-07	1.04E-06
76	624607.93	4265651.88	5.69E-06	1.81E-06	7.49E-06	4.75E-06	1.35E-06	6.11E-06	1.13E-06	3.46E-07	1.47E-06	8.78E-07	1.67E-07	1.04E-06
77	624598.02	4265651.74	5.56E-06	1.77E-06	7.33E-06	4.65E-06	1.32E-06	5.97E-06	1.10E-06	3.38E-07	1.44E-06	8.58E-07	1.63E-07	1.02E-06
78	624588.11	4265651.6	5.39E-06	1.71E-06	7.10E-06	4.50E-06	1.28E-06	5.78E-06	1.07E-06	3.28E-07	1.39E-06	8.31E-07	1.58E-07	9.89E-07
79	624578.2	4265651.46	5.34E-06	1.69E-06	7.03E-06	4.46E-06	1.27E-06	5.73E-06	1.06E-06	3.25E-07	1.38E-06	8.23E-07	1.56E-07	9.80E-07
80	624568.29	4265651.33	5.39E-06	1.71E-06	7.10E-06	4.51E-06	1.28E-06	5.79E-06	1.07E-06	3.28E-07	1.40E-06	8.32E-07	1.58E-07	9.90E-07
81	624558.38	4265651.19	5.47E-06	1.74E-06	7.21E-06	4.57E-06	1.30E-06	5.88E-06	1.08E-06	3.33E-07	1.42E-06	8.44E-07	1.60E-07	1.00E-06
82	624548.47	4265651.05	5.47E-06	1.74E-06	7.21E-06	4.57E-06	1.30E-06	5.88E-06	1.08E-06	3.33E-07	1.42E-06	8.44E-07	1.60E-07	1.00E-06
83	624538.57	4265650.92	5.30E-06	1.68E-06	6.99E-06	4.43E-06	1.26E-06	5.69E-06	1.05E-06	3.23E-07	1.37E-06	8.18E-07	1.55E-07	9.74E-07
84	624528.66	4265650.78	5.05E-06	1.60E-06	6.66E-06	4.22E-06	1.20E-06	5.42E-06	1.00E-06	3.07E-07	1.31E-06	7.80E-07	1.48E-07	9.28E-07
85	624518.75	4265650.64	4.91E-06	1.56E-06	6.47E-06	4.10E-06	1.17E-06	5.27E-06	9.72E-07	2.99E-07	1.27E-06	7.58E-07	1.44E-07	9.01E-07
86	624508.84	4265650.5	4.88E-06	1.55E-06	6.42E-06	4.08E-06	1.16E-06	5.23E-06	9.65E-07	2.97E-07	1.26E-06	7.52E-07	1.43E-07	8.95E-07
87	624498.93	4265650.37	4.87E-06	1.55E-06	6.41E-06	4.07E-06	1.16E-06	5.23E-06	9.63E-07	2.96E-07	1.26E-06	7.51E-07	1.43E-07	8.94E-07
88	624489.02	4265650.23	4.79E-06	1.52E-06	6.31E-06	4.00E-06	1.14E-06	5.14E-06	9.48E-07	2.92E-07	1.24E-06	7.39E-07	1.40E-07	8.80E-07
89	624479.11	4265650.09	4.58E-06	1.45E-06	6.04E-06	3.83E-06	1.09E-06	4.92E-06	9.07E-07	2.79E-07	1.19E-06	7.07E-07	1.34E-07	8.41E-07
90	624469.2	4265649.95	4.30E-06	1.37E-06	5.67E-06	3.60E-06	1.02E-06	4.62E-06	8.52E-07	2.62E-07	1.11E-06	6.64E-07	1.26E-07	7.90E-07
91	624459.3	4265649.82	4.11E-06	1.31E-06	5.42E-06	3.44E-06	9.77E-07	4.41E-06	8.14E-07	2.50E-07	1.06E-06	6.34E-07	1.20E-07	7.55E-07
92	624449.39	4265649.68	4.02E-06	1.28E-06	5.29E-06	3.36E-06	9.55E-07	4.31E-06	7.95E-07	2.45E-07	1.04E-06	6.20E-07	1.18E-07	7.38E-07
93	624439.48	4265649.54	3.97E-06	1.26E-06	5.23E-06	3.32E-06	9.43E-07	4.26E-06	7.85E-07	2.41E-07	1.03E-06	6.12E-07	1.16E-07	7.29E-07
94	624429.57	4265649.4	3.88E-06	1.23E-06	5.11E-06	3.24E-06	9.22E-07	4.16E-06	7.67E-07	2.36E-07	1.00E-06	5.98E-07	1.14E-07	7.12E-07
95	624419.66	4265649.27	3.64E-06	1.16E-06	4.80E-06	3.04E-06	8.65E-07	3.91E-06	7.20E-07	2.21E-07	9.42E-07	5.62E-07	1.07E-07	6.68E-07
96	624409.75	4265649.13	3.23E-06	1.02E-06	4.25E-06	2.70E-06	7.67E-07	3.46E-06	6.39E-07	1.96E-07	8.35E-07	4.98E-07	9.46E-08	5.92E-07
97	624399.84	4265648.99	2.81E-06	8.91E-07	3.70E-06	2.34E-06	6.67E-07	3.01E-06	5.55E-07	1.71E-07	7.26E-07	4.33E-07	8.22E-08	5.15E-07
98	624389.93	4265648.85	2.49E-06	7.92E-07	3.29E-06	2.08E-06	5.93E-07	2.68E-06	4.94E-07	1.52E-07	6.45E-07	3.85E-07	7.31E-08	4.58E-07
99	624380.02	4265648.72	2.26E-06	7.18E-07	2.98E-06	1.89E-06	5.37E-07	2.43E-06	4.47E-07	1.38E-07	5.85E-07	3.49E-07	6.63E-08	4.15E-07
100	624370.12	4265648.58	2.07E-06	6.57E-07	2.73E-06	1.73E-06	4.92E-07	2.22E-06	4.10E-07	1.26E-07	5.36E-07	3.19E-07	6.07E-08	3.80E-07
101	624360.21	4265648.44	1.91E-06	6.06E-07	2.51E-06	1.60E-06	4.54E-07	2.05E-06	3.78E-07	1.16E-07	4.94E-07	2.94E-07	5.59E-08	3.50E-07
102	624879.72	4265661.55	3.04E-06	9.65E-07	4.00E-06	2.54E-06	7.22E-07	3.26E-06	6.01E-07	1.85E-07	7.86E-07	4.69E-07	8.90E-08	5.58E-07
103	624845.88	4265645.18	3.62E-06	1.15E-06	4.78E-06	3.03E-06	8.62E-07	3.89E-06	7.17E-07	2.21E-07	9.38E-07	5.59E-07	1.06E-07	6.65E-07
104	624835.97	4265645.04	3.86E-06	1.23E-06	5.09E-06	3.23E-06	9.18E-07	4.15E-06	7.64E-07	2.35E-07	9.99E-07	5.96E-07	1.13E-07	7.09E-07
105	624826.06	4265644.9	4.08E-06	1.30E-06	5.38E-06	3.41E-06	9.71E-07	4.38E-06	8.08E-07	2.48E-07	1.06E-06	6.30E-07	1.20E-07	7.50E-07
106	624816.15	4265644.76	4.25E-06	1.35E-06	5.60E-06	3.55E-06	1.01E-06	4.57E-06	8.42E-07	2.59E-07	1.10E-06	6.56E-07	1.25E-07	7.81E-07
107	624806.24	4265644.63	4.34E-06	1.38E-06	5.72E-06	3.63E-06	1.03E-06	4.66E-06	8.59E-07	2.64E-07	1.12E-06	6.70E-07	1.27E-07	7.97E-07
108	624796.33	4265644.49	4.36E-06	1.39E-06	5.75E-06	3.65E-06	1.04E-06	4.68E-06	8.64E-07	2.66E-07	1.13E-06	6.73E-07	1.28E-07	8.01E-07
109	624786.42	4265644.35	4.39E-06	1.39E-06	5.78E-06	3.67E-06	1.04E-06	4.71E-06	8.69E-07	2.67E-07	1.14E-06	6.77E-07	1.29E-07	8.06E-07
110	624776.52	4265644.21	4.46E-06	1.42E-06	5.88E-06	3.73E-06	1.06E-06	4.79E-06	8.84E-07	2.72E-07	1.16E-06	6.89E-07	1.31E-07	8.20E-07
111	624766.61	4265644.08	4.58E-06	1.45E-06	6.03E-06	3.83E-06	1.09E-06	4.92E-06	9.06E-07	2.79E-07	1.18E-06	7.06E-07	1.34E-07	8.41E-07
112	624756.7	4265643.94	4.68E-06	1.49E-06	6.16E-06	3.91E-06	1.11E-06	5.02E-06	9.26E-07	2.85E-07	1.21E-06	7.22E-07	1.37E-07	8.59E-07
113	624746.79	4265643.8	4.71E-06	1.50E-06	6.21E-06	3.94E-06	1.12E-06	5.06E-06	9.32E-07	2.87E-07	1.22E-06	7.27E-07	1.38E-07	8.65E-07
114	624736.88	4265643.66	4.67E-06	1.48E-06	6.15E-06	3.90E-06	1.11E-06	5.01E-06	9.24E-07	2.84E-07	1.21E-06	7.20E-07	1.37E-07	8.57E-07
115	624726.97	4265643.53	4.61E-06	1.46E-06	6.08E-06	3.86E-06	1.10E-06	4.95E-06	9.13E-07	2.81E-07	1.19E-06	7.12E-07	1.35E-07	8.47E-07
116	624717.06	4265643.39	4.61E-06	1.46E-06	6.07E-06	3.85E-06	1.10E-06	4.95E-06	9.13E-07	2.81E-07	1.19E-06	7.11E-07	1.35E-07	8.46E-07
117	624707.15	4265643.25	4.67E-06	1.48E-06	6.16E-06	3.91E-06	1.11E-06	5.02E-06	9.25E-07	2.84E-07	1.21E-06	7.21E-07	1.37E-07	8.58E-07
118	624697.25	4265643.11	4.77E-06	1.51E-06	6.28E-06	3.98E-06	1.13E-06	5.12E-06	9.43E-07	2.90E-07	1.23E-06	7.35E-07	1.40E-07	8.75E-07
119	624687.34	4265642.98	4.85E-06	1.54E-06	6.40E-06	4.06E-06	1.15E-06	5.21E-06	9.61E-07	2.95E-07	1.26E-06	7.49E-07	1.42E-07	8.91E-07
120	624677.43	4265642.84	4.90E-06	1.56E-06	6.45E-06	4.09E-06	1.16E-06	5.26E-06	9.69E-07	2.98E-07	1.27E-06	7.56E-07	1.44E-07	8.99E-07
121	624667.52	4265642.7	4.88E-06	1.55E-06	6.43E-06	4.08E-06	1.16E-06	5.24E-06	9.66E-07	2.97E-07	1.26E-06	7.53E-07	1.43E-07	8.96E-07
122	624657.61	4265642.56	4.85E-06	1.54E-06	6.39E-06	4.05E-06	1.15E-06	5.20E-06	9.59E-07	2.95E-07	1.25E-06	7.48E-07	1.42E-07	8.90E-07
123	624647.7	4265642.43	4.85E-06	1.54E-06	6.39E-06	4.06E-06	1.15E-06	5.21E-06	9.60E-07	2.95E-07	1.26E-06	7.49E-07	1.42E-07	8.91E-07
124	624637.79	4265642.29	4.92E-06	1.56E-06	6.48E-06	4.11E-06	1.17E-06	5.28E-06	9.73E-07	2.99E-07	1.27E-06	7.59E-07	1.44E-07	9.03E-07
125	624627.88	4265642.15	5.01E-06	1.59E-06	6.60E-06	4.19E-06	1.19E-06	5.38E-06	9.92E-07	3.05E-07	1.30E-06	7.73E-07	1.47E-07	9.20E-07
126	624617.97	4265642.02	5.08E-06	1.61E-06	6.70E-06	4.25E-06	1.21E-06	5.46E-06	1.01E-06	3.09E-07	1.32E-06	7.84E-07	1.49E-07	9.33E-07
127	624608.07	4265641.88	5.07E-06	1.61E-06	6.68E-06	4.24E-06	1.21E-06	5.45E-06	1.00E-06	3.09E-07	1.31E-06	7.83E-07	1.49E-07	9.31E-07
128	624598.16	4265641.74	4.98E-06	1.58E-06	6.56E-06	4.16E-06	1.18E-06	5.35E-06	9.86E-07	3.03E-07	1.29E-06	7.68E-07	1.46E-07	9.14E-07
129	624588.25	4265641.6	4.88E-06	1.55E-06	6.43E-06	4.08E-06	1.16E-06	5.24E-06	9.67E-07	2.97E-07	1.26E-06	7.54E-07	1.43E-07	8.97E-07
130	624578.34	4265641.47	4.86E-06	1.54E-06	6.40E-06	4.06E-06	1.15E-06	5.22E-06	9.61E-07	2.96E-07	1.26E-06	7.50E-07	1.42E-07	8.92E-07
131	624568.43	4265641.33	4.88E-06	1.55E-06	6.43E-06	4.08E-06	1.16E-06	5.24E-06	9.67E-07	2.97E-07	1.26E-06	7.53E-07	1.43E-07	8.97E-07
132	624558.52	4265641.19	4.90E-06	1.56E-06	6.46E-06	4.10E-06	1.17E-06	5.26E-06	9.70E-07	2.98E-07	1.27E-06	7.56E-07	1.44E-07	9.00E-07
133	624548.61	4265641.05	4.85E-06	1.54E-06	6.39E-06	4.05E-06	1.15E-06	5.20E-06	9.59E-07	2.95E-07	1.25E-06	7.48E-07	1.42E-07	8.90E-07
134	624538.7	4265640.92	4.70E-06	1.49E-06	6.20E-06	3.93E-06	1.12E-06	5.05E-06	9.31E-07	2.86E-07	1.22E-06	7.26E-07	1.38E-07	8.64E-07
135	624528.8	4265640.78	4.54E-06	1.44E-06	5.98E-06	3.80E-06	1.08E-06	4.88E-06	8.99E-07	2.76E-07	1.18E-06	7.01E-07	1.33E-07	8.34E-07
136	624518.89	4265640.64	4.44E-06	1.41E-06	5.85E-06	3.71E-06	1.06E-06	4.77E-06	8.79E-07	2.70E-07	1.15E-06	6.85E-07	1.30E-07	8.15E-07
137	624508.98	4265640.5	4.39E-06	1.39E-06	5.78E-06	3.67E-06	1.04E-06	4.71E-06	8.69E-07	2.67E-07	1.14E-06	6.77E-07	1.29E-07	8.06E-07
138	624499.07	4265640.37	4.34E-06	1.38E-06	5.72E-06	3.63E-06	1.03E-06	4.66E-06	8.59E-07	2.64E-07	1.12E-06	6.69E-07	1.27E-07	7.97E-07
139	624489.16	4265640.23	4.23E-06	1.34E-06	5.57E-06	3.54E-06	1.01E-06	4.54E-06	8.37E-07	2.57E-07	1.09E-06	6.53E-07	1.24E-07	7.77E-07
140	624479.25	4265640.09	4.05E-06	1.29E-06	5.33E-06	3.38E-06	9.63E-07	4.35E-06	8.01E-07	2.46E-07	1.05E-06	6.25E-07	1.19E-07	7.43E-07
141	624469.34	4265639.95	3.85E-06	1.22E-06	5.07E-06	3.22E-06	9.16E-07	4.13E-06	7.62E-07	2.34E-07	9.97E-07	5.94E-07	1.13E-07	7.07E-07
142	624459.43	4265639.82	3.70E-06	1.18E-06	4.88E-06	3.10E-06	8.81E-07	3.98E-06	7.33E-07	2.25E-07	9.58E-07	5.71E-07	1.09E-07	6.80E-07
143	624449.53	4265639.68	3.61E-06	1.15E-06	4.75E-06	3.01E-06	8.58E-07	3.87E-06	7.14E-07	2.19E-07	9.33E-07	5.57E-07	1.06E-07	6.62E-07
144	624439.62	4265639.54	3.52E-06	1.12E-06	4.64E-06	2.94E-06	8.37E-07	3.78E-06	6.96E-07	2.14E-07	9.11E-07	5.43E-07	1.03E-07	6.46E-07

145	624429.71	4265639.4	3.38E-06	1.07E-06	4.45E-06	2.82E-06	8.03E-07	3.63E-06	6.69E-07	2.06E-07	8.74E-07	5.21E-07	9.90E-08	6.20E-07
146	624419.8	4265639.27	3.14E-06	9.96E-07	4.13E-06	2.62E-06	7.46E-07	3.37E-06	6.21E-07	1.91E-07	8.12E-07	4.84E-07	9.19E-08	5.76E-07
147	624409.89	4265639.13	2.82E-06	8.95E-07	3.71E-06	2.35E-06	6.70E-07	3.02E-06	5.58E-07	1.71E-07	7.29E-07	4.35E-07	8.26E-08	5.17E-07
148	624399.98	4265638.99	2.51E-06	7.97E-07	3.31E-06	2.10E-06	5.97E-07	2.70E-06	4.97E-07	1.53E-07	6.50E-07	3.87E-07	7.36E-08	4.61E-07
149	624390.07	4265638.86	2.27E-06	7.21E-07	2.99E-06	1.90E-06	5.40E-07	2.44E-06	4.49E-07	1.38E-07	5.87E-07	3.50E-07	6.65E-08	4.17E-07
150	624380.16	4265638.72	2.08E-06	6.61E-07	2.74E-06	1.74E-06	4.95E-07	2.23E-06	4.12E-07	1.27E-07	5.39E-07	3.21E-07	6.10E-08	3.82E-07
151	624370.25	4265638.58	1.93E-06	6.12E-07	2.54E-06	1.61E-06	4.58E-07	2.07E-06	3.81E-07	1.17E-07	4.99E-07	2.97E-07	5.65E-08	3.54E-07
152	624877.04	4265644.42	2.93E-06	9.31E-07	3.86E-06	2.45E-06	6.97E-07	3.15E-06	5.80E-07	1.78E-07	7.59E-07	4.53E-07	8.60E-08	5.38E-07
153	624886.9	4265654.59	2.83E-06	9.00E-07	3.73E-06	2.37E-06	6.74E-07	3.04E-06	5.61E-07	1.72E-07	7.33E-07	4.37E-07	8.30E-08	5.20E-07
154	624892.54	4265668.84	2.82E-06	8.97E-07	3.72E-06	2.36E-06	6.71E-07	3.03E-06	5.59E-07	1.72E-07	7.31E-07	4.36E-07	8.28E-08	5.18E-07
155	624846.02	4265635.18	3.43E-06	1.09E-06	4.52E-06	2.87E-06	8.15E-07	3.68E-06	6.78E-07	2.09E-07	8.87E-07	5.29E-07	1.00E-07	6.29E-07
156	624836.11	4265635.04	3.61E-06	1.15E-06	4.76E-06	3.02E-06	8.60E-07	3.88E-06	7.16E-07	2.20E-07	9.35E-07	5.58E-07	1.06E-07	6.64E-07
157	624826.2	4265634.9	3.78E-06	1.20E-06	4.98E-06	3.16E-06	8.98E-07	4.06E-06	7.48E-07	2.30E-07	9.78E-07	5.83E-07	1.11E-07	6.94E-07
158	624816.29	4265634.76	3.90E-06	1.24E-06	5.14E-06	3.26E-06	9.27E-07	4.19E-06	7.72E-07	2.37E-07	1.01E-06	6.02E-07	1.14E-07	7.16E-07
159	624806.38	4265634.63	3.97E-06	1.26E-06	5.23E-06	3.32E-06	9.44E-07	4.26E-06	7.86E-07	2.42E-07	1.03E-06	6.13E-07	1.16E-07	7.29E-07
160	624796.47	4265634.49	4.01E-06	1.27E-06	5.28E-06	3.35E-06	9.53E-07	4.30E-06	7.94E-07	2.44E-07	1.04E-06	6.19E-07	1.18E-07	7.36E-07
161	624786.56	4265634.35	4.05E-06	1.29E-06	5.34E-06	3.39E-06	9.64E-07	4.35E-06	8.03E-07	2.47E-07	1.05E-06	6.26E-07	1.19E-07	7.44E-07
162	624776.65	4265634.21	4.12E-06	1.31E-06	5.43E-06	3.45E-06	9.81E-07	4.43E-06	8.16E-07	2.51E-07	1.07E-06	6.36E-07	1.21E-07	7.57E-07
163	624766.75	4265634.08	4.21E-06	1.34E-06	5.54E-06	3.51E-06	1.00E-06	4.51E-06	8.32E-07	2.56E-07	1.09E-06	6.49E-07	1.23E-07	7.72E-07
164	624756.84	4265633.94	4.27E-06	1.36E-06	5.62E-06	3.57E-06	1.01E-06	4.58E-06	8.45E-07	2.60E-07	1.10E-06	6.58E-07	1.25E-07	7.83E-07
165	624746.93	4265633.8	4.29E-06	1.36E-06	5.65E-06	3.58E-06	1.02E-06	4.60E-06	8.48E-07	2.61E-07	1.11E-06	6.61E-07	1.26E-07	7.87E-07
166	624737.02	4265633.67	4.27E-06	1.36E-06	5.63E-06	3.57E-06	1.02E-06	4.58E-06	8.45E-07	2.60E-07	1.11E-06	6.59E-07	1.25E-07	7.84E-07
167	624727.11	4265633.53	4.26E-06	1.35E-06	5.61E-06	3.56E-06	1.01E-06	4.57E-06	8.42E-07	2.59E-07	1.10E-06	6.57E-07	1.25E-07	7.81E-07
168	624717.2	4265633.39	4.27E-06	1.36E-06	5.63E-06	3.57E-06	1.02E-06	4.59E-06	8.46E-07	2.60E-07	1.11E-06	6.59E-07	1.25E-07	7.85E-07
169	624707.29	4265633.25	4.33E-06	1.37E-06	5.70E-06	3.62E-06	1.03E-06	4.65E-06	8.56E-07	2.63E-07	1.12E-06	6.68E-07	1.27E-07	7.94E-07
170	624697.38	4265633.12	4.40E-06	1.40E-06	5.79E-06	3.67E-06	1.05E-06	4.72E-06	8.70E-07	2.67E-07	1.14E-06	6.78E-07	1.29E-07	8.07E-07
171	624687.48	4265632.98	4.45E-06	1.41E-06	5.86E-06	3.72E-06	1.06E-06	4.78E-06	8.81E-07	2.71E-07	1.15E-06	6.87E-07	1.30E-07	8.17E-07
172	624677.57	4265632.84	4.48E-06	1.42E-06	5.90E-06	3.74E-06	1.06E-06	4.80E-06	8.86E-07	2.72E-07	1.16E-06	6.91E-07	1.31E-07	8.22E-07
173	624667.66	4265632.7	4.47E-06	1.42E-06	5.89E-06	3.74E-06	1.06E-06	4.80E-06	8.85E-07	2.72E-07	1.16E-06	6.90E-07	1.31E-07	8.21E-07
174	624657.75	4265632.57	4.46E-06	1.42E-06	5.88E-06	3.73E-06	1.06E-06	4.79E-06	8.83E-07	2.71E-07	1.15E-06	6.88E-07	1.31E-07	8.19E-07
175	624647.84	4265632.43	4.48E-06	1.42E-06	5.90E-06	3.74E-06	1.06E-06	4.81E-06	8.87E-07	2.73E-07	1.16E-06	6.91E-07	1.31E-07	8.22E-07
176	624637.93	4265632.29	4.52E-06	1.44E-06	5.96E-06	3.78E-06	1.08E-06	4.86E-06	8.96E-07	2.75E-07	1.17E-06	6.98E-07	1.33E-07	8.31E-07
177	624628.02	4265632.15	4.58E-06	1.45E-06	6.03E-06	3.83E-06	1.09E-06	4.92E-06	9.06E-07	2.79E-07	1.18E-06	7.06E-07	1.34E-07	8.41E-07
178	624618.11	4265632.02	4.60E-06	1.46E-06	6.07E-06	3.85E-06	1.09E-06	4.94E-06	9.11E-07	2.80E-07	1.19E-06	7.11E-07	1.35E-07	8.45E-07
179	624608.2	4265631.88	4.58E-06	1.45E-06	6.03E-06	3.83E-06	1.09E-06	4.92E-06	9.06E-07	2.79E-07	1.19E-06	7.07E-07	1.34E-07	8.41E-07
180	624598.3	4265631.74	4.52E-06	1.43E-06	5.95E-06	3.77E-06	1.07E-06	4.85E-06	8.94E-07	2.75E-07	1.17E-06	6.97E-07	1.32E-07	8.29E-07
181	624588.39	4265631.6	4.46E-06	1.42E-06	5.88E-06	3.73E-06	1.06E-06	4.79E-06	8.83E-07	2.71E-07	1.15E-06	6.88E-07	1.31E-07	8.19E-07
182	624578.48	4265631.47	4.44E-06	1.41E-06	5.85E-06	3.71E-06	1.06E-06	4.76E-06	8.78E-07	2.70E-07	1.15E-06	6.85E-07	1.30E-07	8.15E-07
183	624568.57	4265631.33	4.44E-06	1.41E-06	5.84E-06	3.71E-06	1.05E-06	4.76E-06	8.78E-07	2.70E-07	1.15E-06	6.84E-07	1.30E-07	8.14E-07
184	624558.66	4265631.19	4.42E-06	1.40E-06	5.82E-06	3.69E-06	1.05E-06	4.74E-06	8.74E-07	2.69E-07	1.14E-06	6.81E-07	1.29E-07	8.11E-07
185	624548.75	4265631.05	4.35E-06	1.38E-06	5.73E-06	3.63E-06	1.03E-06	4.67E-06	8.60E-07	2.64E-07	1.12E-06	6.71E-07	1.27E-07	7.98E-07
186	624538.84	4265630.92	4.23E-06	1.34E-06	5.58E-06	3.54E-06	1.01E-06	4.54E-06	8.38E-07	2.58E-07	1.10E-06	6.53E-07	1.24E-07	7.77E-07
187	624528.93	4265630.78	4.12E-06	1.31E-06	5.43E-06	3.44E-06	9.79E-07	4.42E-06	8.15E-07	2.51E-07	1.07E-06	6.35E-07	1.21E-07	7.56E-07
188	624519.03	4265630.64	4.03E-06	1.28E-06	5.31E-06	3.37E-06	9.59E-07	4.33E-06	7.98E-07	2.45E-07	1.04E-06	6.22E-07	1.18E-07	7.40E-07
189	624509.12	4265630.5	3.97E-06	1.26E-06	5.23E-06	3.32E-06	9.44E-07	4.26E-06	7.86E-07	2.41E-07	1.03E-06	6.12E-07	1.16E-07	7.29E-07
190	624499.21	4265630.37	3.89E-06	1.24E-06	5.13E-06	3.25E-06	9.26E-07	4.18E-06	7.71E-07	2.37E-07	1.01E-06	6.01E-07	1.14E-07	7.15E-07
191	624489.3	4265630.23	3.78E-06	1.20E-06	4.98E-06	3.16E-06	8.99E-07	4.06E-06	7.48E-07	2.30E-07	9.78E-07	5.83E-07	1.11E-07	6.94E-07
192	624479.39	4265630.09	3.63E-06	1.15E-06	4.78E-06	3.03E-06	8.63E-07	3.90E-06	7.18E-07	2.21E-07	9.39E-07	5.60E-07	1.06E-07	6.66E-07
193	624469.48	4265629.96	3.48E-06	1.10E-06	4.58E-06	2.91E-06	8.27E-07	3.73E-06	6.89E-07	2.12E-07	9.00E-07	5.37E-07	1.02E-07	6.39E-07
194	624459.57	4265629.82	3.35E-06	1.06E-06	4.42E-06	2.80E-06	7.97E-07	3.60E-06	6.64E-07	2.04E-07	8.68E-07	5.17E-07	9.83E-08	6.16E-07
195	624449.66	4265629.68	3.25E-06	1.03E-06	4.28E-06	2.72E-06	7.72E-07	3.49E-06	6.43E-07	1.98E-07	8.41E-07	5.01E-07	9.52E-08	5.96E-07
196	624439.76	4265629.54	3.14E-06	9.96E-07	4.13E-06	2.62E-06	7.46E-07	3.37E-06	6.21E-07	1.91E-07	8.12E-07	4.84E-07	9.19E-08	5.76E-07
197	624429.85	4265629.41	2.98E-06	9.46E-07	3.93E-06	2.49E-06	7.08E-07	3.20E-06	5.90E-07	1.81E-07	7.71E-07	4.60E-07	8.73E-08	5.47E-07
198	624419.94	4265629.27	2.76E-06	8.77E-07	3.64E-06	2.31E-06	6.57E-07	2.97E-06	5.47E-07	1.68E-07	7.15E-07	4.26E-07	8.10E-08	5.07E-07
199	624410.03	4265629.13	2.51E-06	7.98E-07	3.31E-06	2.10E-06	5.98E-07	2.70E-06	4.97E-07	1.53E-07	6.50E-07	3.88E-07	7.37E-08	4.61E-07
200	624400.12	4265628.99	2.28E-06	7.24E-07	3.00E-06	1.91E-06	5.42E-07	2.45E-06	4.51E-07	1.39E-07	5.90E-07	3.52E-07	6.68E-08	4.19E-07
201	624390.21	4265628.86	2.09E-06	6.63E-07	2.75E-06	1.74E-06	4.96E-07	2.24E-06	4.13E-07	1.27E-07	5.40E-07	3.22E-07	6.12E-08	3.83E-07
202	624873.66	4265632.9	2.88E-06	9.14E-07	3.79E-06	2.40E-06	6.84E-07	3.09E-06	5.69E-07	1.75E-07	7.44E-07	4.44E-07	8.43E-08	5.28E-07
203	624882.46	4265636.7	2.76E-06	8.77E-07	3.64E-06	2.31E-06	6.57E-07	2.97E-06	5.47E-07	1.68E-07	7.15E-07	4.26E-07	8.10E-08	5.07E-07
204	624894.78	4265649.4	2.65E-06	8.43E-07	3.50E-06	2.22E-06	6.31E-07	2.85E-06	5.25E-07	1.61E-07	6.87E-07	4.09E-07	7.78E-08	4.87E-07
205	624898.31	4265658.31	2.65E-06	8.42E-07	3.49E-06	2.22E-06	6.30E-07	2.85E-06	5.25E-07	1.61E-07	6.86E-07	4.09E-07	7.77E-08	4.87E-07
206	624901.84	4265667.22	2.64E-06	8.38E-07	3.48E-06	2.21E-06	6.27E-07	2.83E-06	5.22E-07	1.61E-07	6.83E-07	4.07E-07	7.73E-08	4.85E-07
207	624846.15	4265625.18	3.24E-06	1.03E-06	4.27E-06	2.71E-06	7.71E-07	3.48E-06	6.42E-07	1.97E-07	8.39E-07	5.00E-07	9.50E-08	5.95E-07
208	624836.25	4265625.04	3.39E-06	1.08E-06	4.47E-06	2.83E-06	8.06E-07	3.64E-06	6.71E-07	2.06E-07	8.77E-07	5.23E-07	9.93E-08	6.22E-07
209	624826.34	4265624.9	3.51E-06	1.12E-06	4.63E-06	2.94E-06	8.35E-07	3.77E-06	6.96E-07	2.14E-07	9.09E-07	5.42E-07	1.03E-07	6.45E-07
210	624816.43	4265624.77	3.61E-06	1.15E-06	4.75E-06	3.01E-06	8.58E-07	3.87E-06	7.14E-07	2.19E-07	9.33E-07	5.57E-07	1.06E-07	6.62E-07
211	624806.52	4265624.63	3.67E-06	1.17E-06	4.84E-06	3.07E-06	8.73E-07	3.94E-06	7.26E-07	2.23E-07	9.50E-07	5.66E-07	1.08E-07	6.74E-07
212	624796.61	4265624.49	3.72E-06	1.18E-06	4.90E-06	3.11E-06	8.84E-07	3.99E-06	7.36E-07	2.26E-07	9.62E-07	5.74E-07	1.09E-07	6.82E-07
213	624786.7	4265624.35	3.77E-06	1.20E-06	4.96E-06	3.15E-06	8.96E-07	4.04E-06	7.46E-07	2.29E-07	9.75E-07	5.81E-07	1.10E-07	6.92E-07
214	624776.79	4265624.22	3.83E-06	1.21E-06	5.04E-06	3.20E-06	9.09E-07	4.11E-06	7.57E-07	2.33E-07	9.90E-07	5.90E-07	1.12E-07	7.02E-07
215	624766.88	4265624.08	3.88E-06	1.23E-06	5.12E-06	3.25E-06	9.23E-07	4.17E-06	7.69E-07	2.36E-07	1.00E-06	5.99E-07	1.14E-07	7.13E-07
216	624756.98	4265623.94	3.92E-06	1.25E-06	5.17E-06	3.28E-06	9.33E-07	4.21E-06	7.77E-07	2.39E-07	1.02E-06	6.06E-07	1.15E-07	7.21E-07
217	624747.07	4265623.8	3.94E-06	1.25E-06	5.19E-06	3.29E-06	9.37E-07	4.23E-06	7.80E-07	2.40E-07	1.02E-06	6.08E-07	1.16E-07	7.24E-07
218	624737.16	4265623.67	3.94E-06	1.25E-06	5.20E-06	3.30E-06	9.38E-07	4.23E-06	7.81E-07	2.40E-07	1.02E-06	6.09E-07	1.16E-07	7.24E-07

219	624727.25	4265623.53	3.95E-06	1.25E-06	5.21E-06	3.30E-06	9.40E-07	4.24E-06	7.82E-07	2.40E-07	1.02E-06	6.10E-07	1.16E-07	7.26E-07
220	624717.34	4265623.39	3.98E-06	1.26E-06	5.24E-06	3.32E-06	9.46E-07	4.27E-06	7.87E-07	2.42E-07	1.03E-06	6.14E-07	1.17E-07	7.30E-07
221	624707.43	4265623.25	4.02E-06	1.28E-06	5.30E-06	3.36E-06	9.56E-07	4.32E-06	7.96E-07	2.45E-07	1.04E-06	6.20E-07	1.18E-07	7.38E-07
222	624697.52	4265623.12	4.07E-06	1.29E-06	5.36E-06	3.40E-06	9.67E-07	4.37E-06	8.05E-07	2.48E-07	1.05E-06	6.28E-07	1.19E-07	7.47E-07
223	624687.61	4265622.98	4.10E-06	1.30E-06	5.41E-06	3.43E-06	9.76E-07	4.41E-06	8.12E-07	2.50E-07	1.06E-06	6.33E-07	1.20E-07	7.54E-07
224	624677.7	4265622.84	4.12E-06	1.31E-06	5.43E-06	3.45E-06	9.80E-07	4.43E-06	8.16E-07	2.51E-07	1.07E-06	6.36E-07	1.21E-07	7.57E-07
225	624667.8	4265622.7	4.13E-06	1.31E-06	5.44E-06	3.45E-06	9.81E-07	4.43E-06	8.16E-07	2.51E-07	1.07E-06	6.37E-07	1.21E-07	7.57E-07
226	624657.89	4265622.57	4.13E-06	1.31E-06	5.44E-06	3.45E-06	9.82E-07	4.43E-06	8.18E-07	2.51E-07	1.07E-06	6.37E-07	1.21E-07	7.58E-07
227	624647.98	4265622.43	4.15E-06	1.32E-06	5.47E-06	3.47E-06	9.86E-07	4.45E-06	8.21E-07	2.52E-07	1.07E-06	6.40E-07	1.22E-07	7.62E-07
228	624638.07	4265622.29	4.18E-06	1.33E-06	5.50E-06	3.49E-06	9.93E-07	4.48E-06	8.27E-07	2.54E-07	1.08E-06	6.44E-07	1.22E-07	7.67E-07
229	624628.16	4265622.15	4.20E-06	1.33E-06	5.54E-06	3.51E-06	9.99E-07	4.51E-06	8.32E-07	2.56E-07	1.09E-06	6.48E-07	1.23E-07	7.71E-07
230	624618.25	4265622.02	4.20E-06	1.34E-06	5.54E-06	3.51E-06	1.00E-06	4.51E-06	8.32E-07	2.56E-07	1.09E-06	6.49E-07	1.23E-07	7.72E-07
231	624608.34	4265621.88	4.18E-06	1.33E-06	5.50E-06	3.49E-06	9.93E-07	4.48E-06	8.27E-07	2.54E-07	1.08E-06	6.45E-07	1.22E-07	7.67E-07
232	624598.43	4265621.74	4.13E-06	1.31E-06	5.45E-06	3.46E-06	9.83E-07	4.44E-06	8.18E-07	2.52E-07	1.07E-06	6.38E-07	1.21E-07	7.59E-07
233	624588.53	4265621.61	4.10E-06	1.30E-06	5.40E-06	3.42E-06	9.74E-07	4.40E-06	8.11E-07	2.49E-07	1.06E-06	6.32E-07	1.20E-07	7.52E-07
234	624578.62	4265621.47	4.07E-06	1.29E-06	5.36E-06	3.40E-06	9.68E-07	4.37E-06	8.06E-07	2.48E-07	1.05E-06	6.28E-07	1.19E-07	7.47E-07
235	624568.71	4265621.33	4.05E-06	1.29E-06	5.33E-06	3.38E-06	9.62E-07	4.35E-06	8.01E-07	2.46E-07	1.05E-06	6.24E-07	1.19E-07	7.43E-07
236	624558.8	4265621.19	4.01E-06	1.27E-06	5.28E-06	3.35E-06	9.53E-07	4.30E-06	7.93E-07	2.44E-07	1.04E-06	6.18E-07	1.17E-07	7.36E-07
237	624548.89	4265621.06	3.94E-06	1.25E-06	5.19E-06	3.29E-06	9.36E-07	4.23E-06	7.80E-07	2.40E-07	1.02E-06	6.08E-07	1.15E-07	7.23E-07
238	624538.98	4265620.92	3.85E-06	1.22E-06	5.07E-06	3.22E-06	9.15E-07	4.13E-06	7.62E-07	2.34E-07	9.96E-07	5.94E-07	1.13E-07	7.07E-07
239	624529.07	4265620.78	3.76E-06	1.19E-06	4.95E-06	3.14E-06	8.94E-07	4.03E-06	7.44E-07	2.29E-07	9.73E-07	5.80E-07	1.10E-07	6.90E-07
240	624519.16	4265620.64	3.68E-06	1.17E-06	4.85E-06	3.08E-06	8.75E-07	3.95E-06	7.28E-07	2.24E-07	9.52E-07	5.68E-07	1.08E-07	6.76E-07
241	624509.26	4265620.51	3.61E-06	1.15E-06	4.75E-06	3.01E-06	8.58E-07	3.87E-06	7.14E-07	2.19E-07	9.33E-07	5.57E-07	1.06E-07	6.62E-07
242	624499.35	4265620.37	3.52E-06	1.12E-06	4.64E-06	2.94E-06	8.37E-07	3.78E-06	6.97E-07	2.14E-07	9.11E-07	5.43E-07	1.03E-07	6.47E-07
243	624489.44	4265620.23	3.41E-06	1.08E-06	4.50E-06	2.85E-06	8.12E-07	3.67E-06	6.76E-07	2.08E-07	8.83E-07	5.27E-07	1.00E-07	6.27E-07
244	624479.53	4265620.09	3.29E-06	1.04E-06	4.33E-06	2.75E-06	7.82E-07	3.53E-06	6.51E-07	2.00E-07	8.51E-07	5.07E-07	9.64E-08	6.04E-07
245	624469.62	4265619.96	3.16E-06	1.01E-06	4.17E-06	2.65E-06	7.53E-07	3.40E-06	6.26E-07	1.93E-07	8.19E-07	4.88E-07	9.28E-08	5.81E-07
246	624459.71	4265619.82	3.05E-06	9.69E-07	4.02E-06	2.55E-06	7.25E-07	3.28E-06	6.04E-07	1.86E-07	7.89E-07	4.71E-07	8.94E-08	5.60E-07
247	624449.8	4265619.68	2.94E-06	9.34E-07	3.87E-06	2.46E-06	6.99E-07	3.16E-06	5.82E-07	1.79E-07	7.61E-07	4.54E-07	8.62E-08	5.40E-07
248	624439.89	4265619.54	2.82E-06	8.94E-07	3.71E-06	2.35E-06	6.70E-07	3.02E-06	5.57E-07	1.71E-07	7.29E-07	4.35E-07	8.25E-08	5.17E-07
249	624429.98	4265619.41	2.66E-06	8.45E-07	3.51E-06	2.23E-06	6.33E-07	2.86E-06	5.27E-07	1.62E-07	6.89E-07	4.11E-07	7.80E-08	4.89E-07
250	624420.08	4265619.27	2.48E-06	7.86E-07	3.26E-06	2.07E-06	5.89E-07	2.66E-06	4.90E-07	1.51E-07	6.41E-07	3.82E-07	7.26E-08	4.55E-07
251	624410.17	4265619.13	2.28E-06	7.24E-07	3.00E-06	1.90E-06	5.42E-07	2.45E-06	4.51E-07	1.39E-07	5.90E-07	3.52E-07	6.68E-08	4.18E-07
252	624400.26	4265618.99	2.09E-06	6.65E-07	2.76E-06	1.75E-06	4.98E-07	2.25E-06	4.15E-07	1.27E-07	5.42E-07	3.23E-07	6.14E-08	3.85E-07
253	624390.35	4265618.86	1.94E-06	6.15E-07	2.55E-06	1.62E-06	4.61E-07	2.08E-06	3.83E-07	1.18E-07	5.01E-07	2.99E-07	5.68E-08	3.56E-07
254	624873.1	4265622.6	2.78E-06	8.82E-07	3.66E-06	2.32E-06	6.60E-07	2.98E-06	5.50E-07	1.69E-07	7.19E-07	4.29E-07	8.14E-08	5.10E-07
255	624881.54	4265626.25	2.68E-06	8.52E-07	3.54E-06	2.24E-06	6.38E-07	2.88E-06	5.31E-07	1.63E-07	6.95E-07	4.14E-07	7.87E-08	4.93E-07
256	624889.99	4265629.89	2.59E-06	8.22E-07	3.41E-06	2.16E-06	6.15E-07	2.78E-06	5.12E-07	1.57E-07	6.69E-07	3.99E-07	7.58E-08	4.75E-07
257	624901.82	4265642.08	2.49E-06	7.92E-07	3.29E-06	2.08E-06	5.93E-07	2.68E-06	4.94E-07	1.52E-07	6.45E-07	3.85E-07	7.31E-08	4.58E-07
258	624905.21	4265650.64	2.49E-06	7.91E-07	3.28E-06	2.08E-06	5.93E-07	2.68E-06	4.93E-07	1.52E-07	6.45E-07	3.85E-07	7.30E-08	4.58E-07
259	624908.59	4265659.19	2.48E-06	7.89E-07	3.27E-06	2.08E-06	5.91E-07	2.67E-06	4.92E-07	1.51E-07	6.43E-07	3.83E-07	7.28E-08	4.56E-07
260	624911.98	4265667.74	2.47E-06	7.84E-07	3.25E-06	2.06E-06	5.87E-07	2.65E-06	4.89E-07	1.50E-07	6.39E-07	3.81E-07	7.24E-08	4.53E-07
261	624846.29	4265615.18	3.07E-06	9.74E-07	4.04E-06	2.56E-06	7.29E-07	3.29E-06	6.07E-07	1.87E-07	7.94E-07	4.73E-07	8.99E-08	5.63E-07
262	624836.38	4265615.04	3.19E-06	1.01E-06	4.20E-06	2.66E-06	7.58E-07	3.42E-06	6.31E-07	1.94E-07	8.24E-07	4.92E-07	9.34E-08	5.85E-07
263	624826.48	4265614.9	3.28E-06	1.04E-06	4.33E-06	2.75E-06	7.81E-07	3.53E-06	6.50E-07	2.00E-07	8.50E-07	5.07E-07	9.63E-08	6.03E-07
264	624816.57	4265614.77	3.36E-06	1.07E-06	4.43E-06	2.81E-06	7.99E-07	3.61E-06	6.65E-07	2.04E-07	8.70E-07	5.19E-07	9.85E-08	6.17E-07
265	624806.66	4265614.63	3.42E-06	1.09E-06	4.50E-06	2.86E-06	8.13E-07	3.67E-06	6.77E-07	2.08E-07	8.85E-07	5.28E-07	1.00E-07	6.28E-07
266	624796.75	4265614.49	3.47E-06	1.10E-06	4.57E-06	2.90E-06	8.25E-07	3.72E-06	6.86E-07	2.11E-07	8.98E-07	5.35E-07	1.02E-07	6.37E-07
267	624786.84	4265614.35	3.52E-06	1.12E-06	4.63E-06	2.94E-06	8.36E-07	3.78E-06	6.96E-07	2.14E-07	9.10E-07	5.43E-07	1.03E-07	6.46E-07
268	624776.93	4265614.22	3.56E-06	1.13E-06	4.70E-06	2.98E-06	8.47E-07	3.83E-06	7.05E-07	2.17E-07	9.22E-07	5.50E-07	1.04E-07	6.54E-07
269	624767.02	4265614.08	3.61E-06	1.15E-06	4.75E-06	3.01E-06	8.58E-07	3.87E-06	7.14E-07	2.19E-07	9.33E-07	5.56E-07	1.06E-07	6.62E-07
270	624757.11	4265613.94	3.64E-06	1.16E-06	4.79E-06	3.04E-06	8.65E-07	3.91E-06	7.20E-07	2.21E-07	9.41E-07	5.61E-07	1.07E-07	6.68E-07
271	624747.21	4265613.8	3.66E-06	1.16E-06	4.82E-06	3.06E-06	8.69E-07	3.93E-06	7.24E-07	2.22E-07	9.46E-07	5.64E-07	1.07E-07	6.71E-07
272	624737.3	4265613.67	3.67E-06	1.17E-06	4.83E-06	3.07E-06	8.72E-07	3.94E-06	7.26E-07	2.23E-07	9.50E-07	5.66E-07	1.08E-07	6.74E-07
273	624727.39	4265613.53	3.69E-06	1.17E-06	4.86E-06	3.08E-06	8.77E-07	3.96E-06	7.30E-07	2.24E-07	9.54E-07	5.69E-07	1.08E-07	6.77E-07
274	624717.48	4265613.39	3.71E-06	1.18E-06	4.89E-06	3.10E-06	8.83E-07	3.99E-06	7.35E-07	2.26E-07	9.61E-07	5.73E-07	1.09E-07	6.82E-07
275	624707.57	4265613.25	3.75E-06	1.19E-06	4.94E-06	3.13E-06	8.91E-07	4.02E-06	7.42E-07	2.28E-07	9.70E-07	5.78E-07	1.10E-07	6.88E-07
276	624697.66	4265613.12	3.78E-06	1.20E-06	4.98E-06	3.16E-06	8.99E-07	4.06E-06	7.48E-07	2.30E-07	9.78E-07	5.83E-07	1.11E-07	6.94E-07
277	624687.75	4265612.98	3.81E-06	1.21E-06	5.02E-06	3.18E-06	9.05E-07	4.09E-06	7.53E-07	2.32E-07	9.85E-07	5.87E-07	1.12E-07	6.99E-07
278	624677.84	4265612.84	3.82E-06	1.21E-06	5.03E-06	3.19E-06	9.09E-07	4.10E-06	7.56E-07	2.33E-07	9.89E-07	5.90E-07	1.12E-07	7.02E-07
279	624667.93	4265612.71	3.83E-06	1.22E-06	5.05E-06	3.20E-06	9.11E-07	4.11E-06	7.58E-07	2.33E-07	9.91E-07	5.91E-07	1.12E-07	7.03E-07
280	624658.03	4265612.57	3.84E-06	1.22E-06	5.06E-06	3.21E-06	9.13E-07	4.12E-06	7.60E-07	2.34E-07	9.94E-07	5.92E-07	1.13E-07	7.05E-07
281	624648.12	4265612.43	3.85E-06	1.22E-06	5.08E-06	3.22E-06	9.16E-07	4.14E-06	7.63E-07	2.34E-07	9.97E-07	5.95E-07	1.13E-07	7.08E-07
282	624638.21	4265612.29	3.87E-06	1.23E-06	5.10E-06	3.23E-06	9.20E-07	4.15E-06	7.66E-07	2.35E-07	1.00E-06	5.97E-07	1.13E-07	7.10E-07
283	624628.3	4265612.16	3.87E-06	1.23E-06	5.10E-06	3.24E-06	9.21E-07	4.16E-06	7.67E-07	2.36E-07	1.00E-06	5.98E-07	1.14E-07	7.11E-07
284	624618.39	4265612.02	3.87E-06	1.23E-06	5.09E-06	3.23E-06	9.19E-07	4.15E-06	7.65E-07	2.35E-07	1.00E-06	5.97E-07	1.13E-07	7.10E-07
285	624608.48	4265611.88	3.84E-06	1.22E-06	5.06E-06	3.21E-06	9.13E-07	4.12E-06	7.60E-07	2.34E-07	9.94E-07	5.93E-07	1.13E-07	7.05E-07
286	624598.57	4265611.74	3.81E-06	1.21E-06	5.02E-06	3.18E-06	9.06E-07	4.09E-06	7.54E-07	2.32E-07	9.86E-07	5.88E-07	1.12E-07	6.99E-07
287	624588.66	4265611.61	3.78E-06	1.20E-06	4.98E-06	3.16E-06	8.98E-07	4.06E-06	7.48E-07	2.30E-07	9.77E-07	5.83E-07	1.11E-07	6.94E-07
288	624578.76	4265611.47	3.75E-06	1.19E-06	4.94E-06	3.13E-06	8.91E-07	4.02E-06	7.42E-07	2.28E-07	9.70E-07	5.78E-07	1.10E-07	6.88E-07
289	624568.85	4265611.33	3.71E-06	1.18E-06	4.89E-06	3.10E-06	8.83E-07	3.99E-06	7.35E-07	2.26E-07	9.61E-07	5.73E-07	1.09E-07	6.82E-07
290	624558.94	4265611.19	3.66E-06	1.16E-06	4.83E-06	3.06E-06	8.71E-07	3.93E-06	7.25E-07	2.23E-07	9.48E-07	5.65E-07	1.07E-07	6.73E-07
291	624549.03	4265611.06	3.60E-06	1.14E-06	4.74E-06	3.01E-06	8.56E-07	3.87E-06	7.13E-07	2.19E-07	9.32E-07	5.56E-07	1.06E-07	6.61E-07
292	624539.12	4265610.92	3.53E-06	1.12E-06	4.64E-06	2.95E-06	8.38E-07	3.78E-06	6.98E-07	2.14E-07	9.12E-07	5.44E-07	1.03E-07	6.47E-07

293	624529.21	4265610.78	3.45E-06	1.10E-06	4.54E-06	2.88E-06	8.20E-07	3.70E-06	6.83E-07	2.10E-07	8.92E-07	5.32E-07	1.01E-07	6.33E-07
294	624519.3	4265610.64	3.37E-06	1.07E-06	4.45E-06	2.82E-06	8.02E-07	3.62E-06	6.68E-07	2.05E-07	8.73E-07	5.21E-07	9.89E-08	6.19E-07
295	624509.39	4265610.51	3.30E-06	1.05E-06	4.34E-06	2.76E-06	7.84E-07	3.54E-06	6.53E-07	2.01E-07	8.53E-07	5.09E-07	9.66E-08	6.05E-07
296	624499.49	4265610.37	3.21E-06	1.02E-06	4.23E-06	2.68E-06	7.63E-07	3.45E-06	6.35E-07	1.95E-07	8.31E-07	4.95E-07	9.41E-08	5.89E-07
297	624489.58	4265610.23	3.11E-06	9.88E-07	4.10E-06	2.60E-06	7.40E-07	3.34E-06	6.16E-07	1.89E-07	8.05E-07	4.80E-07	9.12E-08	5.71E-07
298	624479.67	4265610.09	3.00E-06	9.54E-07	3.96E-06	2.51E-06	7.14E-07	3.22E-06	5.94E-07	1.83E-07	7.77E-07	4.63E-07	8.80E-08	5.51E-07
299	624469.76	4265609.96	2.90E-06	9.20E-07	3.82E-06	2.42E-06	6.89E-07	3.11E-06	5.73E-07	1.76E-07	7.49E-07	4.47E-07	8.49E-08	5.32E-07
300	624459.85	4265609.82	2.79E-06	8.86E-07	3.67E-06	2.33E-06	6.63E-07	2.99E-06	5.52E-07	1.70E-07	7.22E-07	4.30E-07	8.17E-08	5.12E-07
301	624449.94	4265609.68	2.68E-06	8.50E-07	3.53E-06	2.24E-06	6.36E-07	2.87E-06	5.30E-07	1.63E-07	6.93E-07	4.13E-07	7.85E-08	4.91E-07
302	624440.03	4265609.54	2.55E-06	8.10E-07	3.36E-06	2.13E-06	6.07E-07	2.74E-06	5.05E-07	1.55E-07	6.60E-07	3.94E-07	7.48E-08	4.69E-07
303	624430.12	4265609.41	2.41E-06	7.65E-07	3.17E-06	2.01E-06	5.73E-07	2.59E-06	4.77E-07	1.47E-07	6.23E-07	3.72E-07	7.06E-08	4.42E-07
304	624420.21	4265609.27	2.25E-06	7.15E-07	2.97E-06	1.88E-06	5.35E-07	2.42E-06	4.45E-07	1.37E-07	5.82E-07	3.47E-07	6.60E-08	4.13E-07
305	624410.31	4265609.13	2.09E-06	6.64E-07	2.75E-06	1.75E-06	4.97E-07	2.24E-06	4.14E-07	1.27E-07	5.41E-07	3.23E-07	6.13E-08	3.84E-07
306	624400.4	4265609	1.94E-06	6.17E-07	2.56E-06	1.62E-06	4.62E-07	2.08E-06	3.84E-07	1.18E-07	5.02E-07	3.00E-07	5.69E-08	3.57E-07
307	624390.49	4265608.86	1.81E-06	5.75E-07	2.39E-06	1.51E-06	4.30E-07	1.94E-06	3.58E-07	1.10E-07	4.68E-07	2.79E-07	5.31E-08	3.32E-07
308	624880.98	4265615.94	2.60E-06	8.25E-07	3.42E-06	2.17E-06	6.18E-07	2.79E-06	5.14E-07	1.58E-07	6.72E-07	4.01E-07	7.62E-08	4.77E-07
309	624897.4	4265623.03	2.43E-06	7.72E-07	3.20E-06	2.03E-06	5.78E-07	2.61E-06	4.81E-07	1.48E-07	6.29E-07	3.75E-07	7.13E-08	4.47E-07
310	624908.9	4265634.88	2.35E-06	7.47E-07	3.10E-06	1.97E-06	5.59E-07	2.53E-06	4.66E-07	1.43E-07	6.09E-07	3.63E-07	6.89E-08	4.32E-07
311	624915.49	4265651.52	2.34E-06	7.45E-07	3.09E-06	1.96E-06	5.57E-07	2.52E-06	4.64E-07	1.43E-07	6.07E-07	3.62E-07	6.87E-08	4.30E-07
312	624918.78	4265659.83	2.33E-06	7.41E-07	3.07E-06	1.95E-06	5.55E-07	2.50E-06	4.62E-07	1.42E-07	6.04E-07	3.60E-07	6.84E-08	4.28E-07
313	624846.43	4265605.18	2.91E-06	9.23E-07	3.83E-06	2.43E-06	6.91E-07	3.12E-06	5.75E-07	1.77E-07	7.52E-07	4.49E-07	8.52E-08	5.34E-07
314	624836.52	4265605.04	3.00E-06	9.54E-07	3.96E-06	2.51E-06	7.14E-07	3.22E-06	5.95E-07	1.83E-07	7.77E-07	4.64E-07	8.80E-08	5.52E-07
315	624826.61	4265604.9	3.08E-06	9.80E-07	4.06E-06	2.58E-06	7.33E-07	3.31E-06	6.11E-07	1.88E-07	7.98E-07	4.76E-07	9.04E-08	5.66E-07
316	624816.71	4265604.77	3.15E-06	1.00E-06	4.15E-06	2.63E-06	7.49E-07	3.38E-06	6.24E-07	1.92E-07	8.15E-07	4.86E-07	9.23E-08	5.78E-07
317	624806.8	4265604.63	3.20E-06	1.02E-06	4.22E-06	2.68E-06	7.62E-07	3.44E-06	6.34E-07	1.95E-07	8.29E-07	4.94E-07	9.39E-08	5.88E-07
318	624796.89	4265604.49	3.25E-06	1.03E-06	4.28E-06	2.72E-06	7.73E-07	3.49E-06	6.44E-07	1.98E-07	8.41E-07	5.02E-07	9.53E-08	5.97E-07
319	624786.98	4265604.35	3.30E-06	1.05E-06	4.34E-06	2.75E-06	7.84E-07	3.54E-06	6.52E-07	2.01E-07	8.53E-07	5.08E-07	9.66E-08	6.05E-07
320	624777.07	4265604.22	3.34E-06	1.06E-06	4.39E-06	2.79E-06	7.93E-07	3.58E-06	6.60E-07	2.03E-07	8.63E-07	5.15E-07	9.77E-08	6.12E-07
321	624767.16	4265604.08	3.37E-06	1.07E-06	4.44E-06	2.81E-06	8.01E-07	3.62E-06	6.67E-07	2.05E-07	8.71E-07	5.20E-07	9.87E-08	6.18E-07
322	624757.25	4265603.94	3.39E-06	1.08E-06	4.47E-06	2.84E-06	8.07E-07	3.64E-06	6.72E-07	2.06E-07	8.78E-07	5.24E-07	9.94E-08	6.23E-07
323	624747.34	4265603.81	3.41E-06	1.08E-06	4.50E-06	2.85E-06	8.11E-07	3.66E-06	6.76E-07	2.08E-07	8.83E-07	5.27E-07	1.00E-07	6.27E-07
324	624737.43	4265603.67	3.43E-06	1.09E-06	4.52E-06	2.87E-06	8.16E-07	3.68E-06	6.79E-07	2.09E-07	8.88E-07	5.30E-07	1.01E-07	6.30E-07
325	624727.53	4265603.53	3.45E-06	1.10E-06	4.55E-06	2.89E-06	8.21E-07	3.71E-06	6.84E-07	2.10E-07	8.94E-07	5.33E-07	1.01E-07	6.34E-07
326	624717.62	4265603.39	3.48E-06	1.10E-06	4.58E-06	2.91E-06	8.27E-07	3.73E-06	6.89E-07	2.12E-07	9.00E-07	5.37E-07	1.02E-07	6.39E-07
327	624707.71	4265603.26	3.50E-06	1.11E-06	4.62E-06	2.93E-06	8.33E-07	3.76E-06	6.94E-07	2.13E-07	9.07E-07	5.41E-07	1.03E-07	6.43E-07
328	624697.8	4265603.12	3.53E-06	1.12E-06	4.65E-06	2.95E-06	8.39E-07	3.79E-06	6.98E-07	2.15E-07	9.13E-07	5.44E-07	1.03E-07	6.48E-07
329	624687.89	4265602.98	3.55E-06	1.13E-06	4.67E-06	2.96E-06	8.43E-07	3.81E-06	7.02E-07	2.16E-07	9.18E-07	5.47E-07	1.04E-07	6.51E-07
330	624677.98	4265602.84	3.56E-06	1.13E-06	4.69E-06	2.98E-06	8.47E-07	3.82E-06	7.05E-07	2.17E-07	9.21E-07	5.49E-07	1.04E-07	6.54E-07
331	624668.07	4265602.71	3.57E-06	1.13E-06	4.71E-06	2.98E-06	8.49E-07	3.83E-06	7.07E-07	2.17E-07	9.24E-07	5.51E-07	1.05E-07	6.56E-07
332	624658.16	4265602.57	3.58E-06	1.14E-06	4.72E-06	2.99E-06	8.52E-07	3.84E-06	7.09E-07	2.18E-07	9.27E-07	5.53E-07	1.05E-07	6.58E-07
333	624648.26	4265602.43	3.59E-06	1.14E-06	4.73E-06	3.00E-06	8.54E-07	3.85E-06	7.11E-07	2.18E-07	9.29E-07	5.54E-07	1.05E-07	6.59E-07
334	624638.35	4265602.29	3.59E-06	1.14E-06	4.74E-06	3.00E-06	8.55E-07	3.86E-06	7.11E-07	2.19E-07	9.30E-07	5.55E-07	1.05E-07	6.60E-07
335	624628.44	4265602.16	3.59E-06	1.14E-06	4.73E-06	3.00E-06	8.54E-07	3.85E-06	7.11E-07	2.18E-07	9.29E-07	5.54E-07	1.05E-07	6.59E-07
336	624618.53	4265602.02	3.58E-06	1.14E-06	4.71E-06	2.99E-06	8.50E-07	3.84E-06	7.08E-07	2.18E-07	9.26E-07	5.52E-07	1.05E-07	6.57E-07
337	624608.62	4265601.88	3.55E-06	1.13E-06	4.68E-06	2.97E-06	8.45E-07	3.82E-06	7.03E-07	2.16E-07	9.20E-07	5.48E-07	1.04E-07	6.52E-07
338	624598.71	4265601.74	3.53E-06	1.12E-06	4.65E-06	2.95E-06	8.38E-07	3.79E-06	6.98E-07	2.15E-07	9.13E-07	5.44E-07	1.03E-07	6.47E-07
339	624588.8	4265601.61	3.50E-06	1.11E-06	4.61E-06	2.92E-06	8.32E-07	3.75E-06	6.92E-07	2.13E-07	9.05E-07	5.40E-07	1.03E-07	6.42E-07
340	624578.89	4265601.47	3.46E-06	1.10E-06	4.56E-06	2.90E-06	8.24E-07	3.72E-06	6.86E-07	2.11E-07	8.96E-07	5.34E-07	1.02E-07	6.36E-07
341	624568.99	4265601.33	3.42E-06	1.09E-06	4.51E-06	2.86E-06	8.14E-07	3.68E-06	6.78E-07	2.08E-07	8.86E-07	5.28E-07	1.00E-07	6.29E-07
342	624559.08	4265601.19	3.37E-06	1.07E-06	4.44E-06	2.82E-06	8.02E-07	3.62E-06	6.68E-07	2.05E-07	8.73E-07	5.20E-07	9.89E-08	6.19E-07
343	624549.17	4265601.06	3.31E-06	1.05E-06	4.37E-06	2.77E-06	7.88E-07	3.56E-06	6.56E-07	2.02E-07	8.57E-07	5.11E-07	9.71E-08	6.08E-07
344	624539.26	4265600.92	3.25E-06	1.03E-06	4.28E-06	2.71E-06	7.72E-07	3.49E-06	6.43E-07	1.98E-07	8.40E-07	5.01E-07	9.52E-08	5.96E-07
345	624529.35	4265600.78	3.18E-06	1.01E-06	4.19E-06	2.66E-06	7.56E-07	3.41E-06	6.29E-07	1.93E-07	8.23E-07	4.91E-07	9.32E-08	5.84E-07
346	624519.44	4265600.65	3.11E-06	9.87E-07	4.09E-06	2.60E-06	7.39E-07	3.34E-06	6.15E-07	1.89E-07	8.04E-07	4.80E-07	9.11E-08	5.71E-07
347	624509.53	4265600.51	3.03E-06	9.62E-07	3.99E-06	2.53E-06	7.21E-07	3.25E-06	6.00E-07	1.84E-07	7.84E-07	4.68E-07	8.88E-08	5.56E-07
348	624499.62	4265600.37	2.95E-06	9.36E-07	3.88E-06	2.46E-06	7.00E-07	3.16E-06	5.83E-07	1.79E-07	7.62E-07	4.55E-07	8.63E-08	5.41E-07
349	624489.71	4265600.23	2.85E-06	9.07E-07	3.76E-06	2.39E-06	6.79E-07	3.06E-06	5.65E-07	1.74E-07	7.39E-07	4.40E-07	8.37E-08	5.24E-07
350	624479.81	4265600.1	2.76E-06	8.76E-07	3.64E-06	2.31E-06	6.56E-07	2.96E-06	5.46E-07	1.68E-07	7.14E-07	4.26E-07	8.09E-08	5.07E-07
351	624469.9	4265599.96	2.66E-06	8.45E-07	3.51E-06	2.23E-06	6.33E-07	2.86E-06	5.27E-07	1.62E-07	6.89E-07	4.11E-07	7.80E-08	4.89E-07
352	624459.99	4265599.82	2.56E-06	8.13E-07	3.37E-06	2.14E-06	6.09E-07	2.75E-06	5.07E-07	1.56E-07	6.63E-07	3.95E-07	7.51E-08	4.70E-07
353	624450.08	4265599.68	2.45E-06	7.79E-07	3.23E-06	2.05E-06	5.83E-07	2.63E-06	4.85E-07	1.49E-07	6.34E-07	3.78E-07	7.19E-08	4.50E-07
354	624440.17	4265599.55	2.33E-06	7.41E-07	3.07E-06	1.95E-06	5.55E-07	2.50E-06	4.62E-07	1.42E-07	6.04E-07	3.60E-07	6.84E-08	4.28E-07
355	624430.26	4265599.41	2.20E-06	7.00E-07	2.90E-06	1.84E-06	5.24E-07	2.37E-06	4.36E-07	1.34E-07	5.70E-07	3.40E-07	6.46E-08	4.05E-07
356	624420.35	4265599.27	2.07E-06	6.57E-07	2.73E-06	1.73E-06	4.92E-07	2.22E-06	4.09E-07	1.26E-07	5.35E-07	3.19E-07	6.06E-08	3.80E-07
357	624410.44	4265599.13	1.94E-06	6.15E-07	2.55E-06	1.62E-06	4.60E-07	2.08E-06	3.83E-07	1.18E-07	5.01E-07	2.99E-07	5.67E-08	3.56E-07
358	624400.54	4265599	1.81E-06	5.76E-07	2.39E-06	1.52E-06	4.31E-07	1.95E-06	3.59E-07	1.10E-07	4.69E-07	2.80E-07	5.31E-08	3.33E-07
359	624390.63	4265598.86	1.70E-06	5.40E-07	2.24E-06	1.42E-06	4.05E-07	1.83E-06	3.37E-07	1.04E-07	4.40E-07	2.63E-07	4.99E-08	3.12E-07
360	624880.61	4265605.73	2.51E-06	7.97E-07	3.31E-06	2.10E-06	5.97E-07	2.70E-06	4.97E-07	1.53E-07	6.50E-07	3.87E-07	7.36E-08	4.61E-07
361	624896.7	4265612.67	2.37E-06	7.52E-07	3.12E-06	1.98E-06	5.63E-07	2.54E-06	4.69E-07	1.44E-07	6.13E-07	3.66E-07	6.94E-08	4.35E-07
362	624916.01	4265627.75	2.22E-06	7.06E-07	2.93E-06	1.86E-06	5.29E-07	2.39E-06	4.40E-07	1.35E-07	5.76E-07	3.43E-07	6.52E-08	4.08E-07
363	624922.46	4265644.04	2.22E-06	7.04E-07	2.92E-06	1.85E-06	5.27E-07	2.38E-06	4.39E-07	1.35E-07	5.74E-07	3.42E-07	6.50E-08	4.07E-07
364	624928.91	4265660.34	2.20E-06	6.97E-07	2.89E-06	1.84E-06	5.22E-07	2.36E-06	4.35E-07	1.34E-07	5.68E-07	3.39E-07	6.44E-08	4.03E-07
365	624846.57	4265595.18	2.76E-06	8.77E-07	3.64E-06	2.31E-06	6.56E-07	2.96E-06	5.46E-07	1.68E-07	7.14E-07	4.26E-07	8.09E-08	5.07E-07
366	624836.66	4265595.04	2.84E-06	9.02E-07	3.74E-06	2.37E-06	6.75E-07	3.05E-06	5.62E-07	1.73E-07	7.35E-07	4.38E-07	8.33E-08	5.22E-07

367	624826.75	4265594.91	2.91E-06	9.24E-07	3.83E-06	2.43E-06	6.92E-07	3.12E-06	5.76E-07	1.77E-07	7.53E-07	4.49E-07	8.53E-08	5.34E-07
368	624816.84	4265594.77	2.97E-06	9.42E-07	3.91E-06	2.48E-06	7.05E-07	3.18E-06	5.87E-07	1.81E-07	7.68E-07	4.58E-07	8.69E-08	5.45E-07
369	624806.94	4265594.63	3.02E-06	9.58E-07	3.97E-06	2.52E-06	7.17E-07	3.24E-06	5.97E-07	1.84E-07	7.80E-07	4.65E-07	8.84E-08	5.54E-07
370	624797.03	4265594.49	3.06E-06	9.72E-07	4.03E-06	2.56E-06	7.28E-07	3.29E-06	6.06E-07	1.86E-07	7.92E-07	4.72E-07	8.97E-08	5.62E-07
371	624787.12	4265594.36	3.10E-06	9.84E-07	4.08E-06	2.59E-06	7.37E-07	3.33E-06	6.14E-07	1.89E-07	8.02E-07	4.78E-07	9.08E-08	5.69E-07
372	624777.21	4265594.22	3.13E-06	9.95E-07	4.13E-06	2.62E-06	7.45E-07	3.36E-06	6.20E-07	1.91E-07	8.11E-07	4.83E-07	9.18E-08	5.75E-07
373	624767.3	4265594.08	3.16E-06	1.00E-06	4.16E-06	2.64E-06	7.51E-07	3.39E-06	6.25E-07	1.92E-07	8.18E-07	4.88E-07	9.26E-08	5.80E-07
374	624757.39	4265593.94	3.18E-06	1.01E-06	4.19E-06	2.66E-06	7.57E-07	3.42E-06	6.30E-07	1.94E-07	8.23E-07	4.91E-07	9.33E-08	5.84E-07
375	624747.48	4265593.81	3.20E-06	1.02E-06	4.22E-06	2.68E-06	7.61E-07	3.44E-06	6.34E-07	1.95E-07	8.29E-07	4.94E-07	9.38E-08	5.88E-07
376	624737.57	4265593.67	3.22E-06	1.02E-06	4.25E-06	2.69E-06	7.66E-07	3.46E-06	6.38E-07	1.96E-07	8.34E-07	4.97E-07	9.45E-08	5.92E-07
377	624727.66	4265593.53	3.25E-06	1.03E-06	4.28E-06	2.71E-06	7.72E-07	3.48E-06	6.42E-07	1.97E-07	8.40E-07	5.01E-07	9.51E-08	5.96E-07
378	624717.76	4265593.39	3.27E-06	1.04E-06	4.30E-06	2.73E-06	7.77E-07	3.51E-06	6.47E-07	1.99E-07	8.45E-07	5.04E-07	9.58E-08	6.00E-07
379	624707.85	4265593.26	3.29E-06	1.04E-06	4.33E-06	2.75E-06	7.82E-07	3.53E-06	6.51E-07	2.00E-07	8.51E-07	5.07E-07	9.64E-08	6.04E-07
380	624697.94	4265593.12	3.31E-06	1.05E-06	4.35E-06	2.76E-06	7.86E-07	3.55E-06	6.54E-07	2.01E-07	8.55E-07	5.10E-07	9.69E-08	6.07E-07
381	624688.03	4265592.98	3.32E-06	1.05E-06	4.37E-06	2.77E-06	7.89E-07	3.56E-06	6.57E-07	2.02E-07	8.59E-07	5.12E-07	9.73E-08	6.10E-07
382	624678.12	4265592.84	3.33E-06	1.06E-06	4.39E-06	2.78E-06	7.92E-07	3.58E-06	6.59E-07	2.03E-07	8.62E-07	5.14E-07	9.76E-08	6.12E-07
383	624668.21	4265592.71	3.34E-06	1.06E-06	4.40E-06	2.79E-06	7.95E-07	3.59E-06	6.61E-07	2.03E-07	8.65E-07	5.16E-07	9.79E-08	6.14E-07
384	624658.3	4265592.57	3.35E-06	1.06E-06	4.41E-06	2.80E-06	7.97E-07	3.60E-06	6.63E-07	2.04E-07	8.67E-07	5.17E-07	9.82E-08	6.15E-07
385	624648.39	4265592.43	3.35E-06	1.07E-06	4.42E-06	2.80E-06	7.98E-07	3.60E-06	6.64E-07	2.04E-07	8.68E-07	5.18E-07	9.83E-08	6.16E-07
386	624638.49	4265592.29	3.35E-06	1.06E-06	4.42E-06	2.80E-06	7.97E-07	3.60E-06	6.63E-07	2.04E-07	8.67E-07	5.17E-07	9.82E-08	6.15E-07
387	624628.58	4265592.16	3.34E-06	1.06E-06	4.40E-06	2.79E-06	7.95E-07	3.59E-06	6.61E-07	2.03E-07	8.65E-07	5.16E-07	9.79E-08	6.14E-07
388	624618.67	4265592.02	3.33E-06	1.06E-06	4.38E-06	2.78E-06	7.91E-07	3.57E-06	6.58E-07	2.02E-07	8.60E-07	5.13E-07	9.75E-08	6.11E-07
389	624608.76	4265591.88	3.30E-06	1.05E-06	4.35E-06	2.76E-06	7.85E-07	3.55E-06	6.54E-07	2.01E-07	8.55E-07	5.10E-07	9.68E-08	6.07E-07
390	624598.85	4265591.75	3.28E-06	1.04E-06	4.32E-06	2.74E-06	7.80E-07	3.52E-06	6.49E-07	1.99E-07	8.48E-07	5.06E-07	9.61E-08	6.02E-07
391	624588.94	4265591.61	3.25E-06	1.03E-06	4.28E-06	2.72E-06	7.73E-07	3.49E-06	6.43E-07	1.98E-07	8.41E-07	5.01E-07	9.52E-08	5.97E-07
392	624579.03	4265591.47	3.21E-06	1.02E-06	4.23E-06	2.69E-06	7.64E-07	3.45E-06	6.36E-07	1.96E-07	8.32E-07	4.96E-07	9.42E-08	5.90E-07
393	624569.12	4265591.33	3.17E-06	1.01E-06	4.18E-06	2.65E-06	7.54E-07	3.40E-06	6.28E-07	1.93E-07	8.21E-07	4.89E-07	9.29E-08	5.82E-07
394	624559.22	4265591.2	3.12E-06	9.91E-07	4.11E-06	2.61E-06	7.42E-07	3.35E-06	6.18E-07	1.90E-07	8.08E-07	4.82E-07	9.15E-08	5.73E-07
395	624549.31	4265591.06	3.07E-06	9.74E-07	4.04E-06	2.56E-06	7.29E-07	3.29E-06	6.07E-07	1.87E-07	7.93E-07	4.73E-07	8.99E-08	5.63E-07
396	624539.4	4265590.92	3.01E-06	9.55E-07	3.96E-06	2.51E-06	7.15E-07	3.23E-06	5.95E-07	1.83E-07	7.78E-07	4.64E-07	8.81E-08	5.52E-07
397	624529.49	4265590.78	2.94E-06	9.35E-07	3.88E-06	2.46E-06	7.00E-07	3.16E-06	5.82E-07	1.79E-07	7.62E-07	4.54E-07	8.62E-08	5.40E-07
398	624519.58	4265590.65	2.87E-06	9.13E-07	3.79E-06	2.40E-06	6.83E-07	3.09E-06	5.69E-07	1.75E-07	7.44E-07	4.43E-07	8.42E-08	5.28E-07
399	624509.67	4265590.51	2.80E-06	8.89E-07	3.69E-06	2.34E-06	6.66E-07	3.01E-06	5.54E-07	1.70E-07	7.24E-07	4.32E-07	8.20E-08	5.14E-07
400	624499.76	4265590.37	2.72E-06	8.63E-07	3.58E-06	2.27E-06	6.46E-07	2.92E-06	5.38E-07	1.65E-07	7.04E-07	4.20E-07	7.97E-08	4.99E-07
401	624489.85	4265590.23	2.63E-06	8.37E-07	3.47E-06	2.20E-06	6.26E-07	2.83E-06	5.21E-07	1.60E-07	6.82E-07	4.07E-07	7.72E-08	4.84E-07
402	624479.94	4265590.1	2.55E-06	8.09E-07	3.36E-06	2.13E-06	6.06E-07	2.74E-06	5.04E-07	1.55E-07	6.59E-07	3.93E-07	7.47E-08	4.68E-07
403	624470.04	4265589.96	2.46E-06	7.81E-07	3.24E-06	2.05E-06	5.85E-07	2.64E-06	4.87E-07	1.50E-07	6.36E-07	3.79E-07	7.20E-08	4.51E-07
404	624460.13	4265589.82	2.36E-06	7.50E-07	3.11E-06	1.97E-06	5.62E-07	2.54E-06	4.68E-07	1.44E-07	6.11E-07	3.65E-07	6.92E-08	4.34E-07
405	624450.22	4265589.68	2.26E-06	7.17E-07	2.98E-06	1.89E-06	5.37E-07	2.43E-06	4.47E-07	1.37E-07	5.85E-07	3.49E-07	6.62E-08	4.15E-07
406	624440.31	4265589.55	2.15E-06	6.82E-07	2.83E-06	1.80E-06	5.11E-07	2.31E-06	4.25E-07	1.31E-07	5.56E-07	3.32E-07	6.30E-08	3.94E-07
407	624430.4	4265589.41	2.03E-06	6.46E-07	2.68E-06	1.70E-06	4.83E-07	2.18E-06	4.02E-07	1.24E-07	5.26E-07	3.14E-07	5.96E-08	3.73E-07
408	624420.49	4265589.27	1.92E-06	6.09E-07	2.53E-06	1.60E-06	4.56E-07	2.06E-06	3.80E-07	1.17E-07	4.96E-07	2.96E-07	5.62E-08	3.52E-07
409	624410.58	4265589.13	1.81E-06	5.74E-07	2.38E-06	1.51E-06	4.29E-07	1.94E-06	3.58E-07	1.10E-07	4.67E-07	2.79E-07	5.29E-08	3.32E-07
410	624400.67	4265589	1.70E-06	5.41E-07	2.24E-06	1.42E-06	4.05E-07	1.83E-06	3.37E-07	1.04E-07	4.40E-07	2.63E-07	4.99E-08	3.13E-07
411	624390.77	4265588.86	1.61E-06	5.10E-07	2.12E-06	1.34E-06	3.82E-07	1.72E-06	3.18E-07	9.78E-08	4.16E-07	2.48E-07	4.71E-08	2.95E-07
412	624874.72	4265593.13	2.46E-06	7.81E-07	3.24E-06	2.06E-06	5.85E-07	2.64E-06	4.87E-07	1.50E-07	6.37E-07	3.80E-07	7.21E-08	4.52E-07
413	624883.77	4265597.03	2.40E-06	7.62E-07	3.16E-06	2.01E-06	5.70E-07	2.58E-06	4.75E-07	1.46E-07	6.21E-07	3.70E-07	7.03E-08	4.40E-07
414	624892.82	4265600.93	2.33E-06	7.40E-07	3.07E-06	1.95E-06	5.54E-07	2.50E-06	4.61E-07	1.42E-07	6.03E-07	3.60E-07	6.83E-08	4.28E-07
415	624901.87	4265604.84	2.26E-06	7.17E-07	2.97E-06	1.89E-06	5.37E-07	2.42E-06	4.47E-07	1.37E-07	5.84E-07	3.48E-07	6.61E-08	4.14E-07
416	624910.92	4265608.74	2.18E-06	6.93E-07	2.87E-06	1.82E-06	5.19E-07	2.34E-06	4.32E-07	1.33E-07	5.64E-07	3.37E-07	6.39E-08	4.00E-07
417	624923.59	4265621.81	2.11E-06	6.70E-07	2.78E-06	1.76E-06	5.01E-07	2.26E-06	4.17E-07	1.28E-07	5.46E-07	3.25E-07	6.18E-08	3.87E-07
418	624927.22	4265630.97	2.11E-06	6.69E-07	2.78E-06	1.76E-06	5.01E-07	2.26E-06	4.17E-07	1.28E-07	5.45E-07	3.25E-07	6.18E-08	3.87E-07
419	624930.85	4265640.14	2.10E-06	6.67E-07	2.77E-06	1.76E-06	5.00E-07	2.26E-06	4.16E-07	1.28E-07	5.44E-07	3.24E-07	6.16E-08	3.86E-07
420	624934.48	4265649.3	2.09E-06	6.64E-07	2.75E-06	1.75E-06	4.97E-07	2.24E-06	4.14E-07	1.27E-07	5.41E-07	3.23E-07	6.13E-08	3.84E-07
421	624938.1	4265658.46	2.08E-06	6.59E-07	2.73E-06	1.73E-06	4.93E-07	2.23E-06	4.11E-07	1.26E-07	5.37E-07	3.20E-07	6.08E-08	3.81E-07
422	624941.73	4265667.63	2.06E-06	6.53E-07	2.71E-06	1.72E-06	4.89E-07	2.21E-06	4.07E-07	1.25E-07	5.32E-07	3.17E-07	6.03E-08	3.78E-07
423	624846.71	4265585.18	2.63E-06	8.34E-07	3.46E-06	2.19E-06	6.24E-07	2.82E-06	5.20E-07	1.60E-07	6.79E-07	4.05E-07	7.69E-08	4.82E-07
424	624836.8	4265585.04	2.69E-06	8.55E-07	3.55E-06	2.25E-06	6.41E-07	2.89E-06	5.33E-07	1.64E-07	6.97E-07	4.16E-07	7.90E-08	4.95E-07
425	624826.89	4265584.91	2.75E-06	8.74E-07	3.63E-06	2.30E-06	6.55E-07	2.96E-06	5.45E-07	1.68E-07	7.12E-07	4.25E-07	8.07E-08	5.06E-07
426	624816.98	4265584.77	2.80E-06	8.91E-07	3.69E-06	2.34E-06	6.67E-07	3.01E-06	5.55E-07	1.71E-07	7.26E-07	4.33E-07	8.22E-08	5.15E-07
427	624807.07	4265584.63	2.85E-06	9.05E-07	3.75E-06	2.38E-06	6.77E-07	3.06E-06	5.64E-07	1.73E-07	7.37E-07	4.40E-07	8.35E-08	5.23E-07
428	624797.17	4265584.49	2.89E-06	9.18E-07	3.81E-06	2.42E-06	6.87E-07	3.10E-06	5.72E-07	1.76E-07	7.48E-07	4.46E-07	8.47E-08	5.31E-07
429	624787.26	4265584.36	2.92E-06	9.29E-07	3.85E-06	2.44E-06	6.95E-07	3.14E-06	5.79E-07	1.78E-07	7.57E-07	4.51E-07	8.57E-08	5.37E-07
430	624777.35	4265584.22	2.95E-06	9.38E-07	3.89E-06	2.47E-06	7.02E-07	3.17E-06	5.84E-07	1.80E-07	7.64E-07	4.56E-07	8.65E-08	5.42E-07
431	624767.44	4265584.08	2.98E-06	9.45E-07	3.92E-06	2.49E-06	7.08E-07	3.19E-06	5.89E-07	1.81E-07	7.70E-07	4.59E-07	8.72E-08	5.46E-07
432	624757.53	4265583.94	3.00E-06	9.51E-07	3.95E-06	2.50E-06	7.12E-07	3.22E-06	5.93E-07	1.82E-07	7.75E-07	4.62E-07	8.78E-08	5.50E-07
433	624747.62	4265583.81	3.02E-06	9.58E-07	3.97E-06	2.52E-06	7.17E-07	3.24E-06	5.97E-07	1.83E-07	7.80E-07	4.65E-07	8.84E-08	5.54E-07
434	624737.71	4265583.67	3.04E-06	9.64E-07	4.00E-06	2.54E-06	7.22E-07	3.26E-06	6.01E-07	1.85E-07	7.86E-07	4.69E-07	8.90E-08	5.58E-07
435	624727.8	4265583.53	3.06E-06	9.71E-07	4.03E-06	2.56E-06	7.27E-07	3.28E-06	6.05E-07	1.86E-07	7.91E-07	4.72E-07	8.96E-08	5.61E-07
436	624717.89	4265583.4	3.08E-06	9.77E-07	4.05E-06	2.57E-06	7.32E-07	3.30E-06	6.09E-07	1.87E-07	7.96E-07	4.75E-07	9.02E-08	5.65E-07
437	624707.99	4265583.26	3.09E-06	9.82E-07	4.07E-06	2.59E-06	7.35E-07	3.32E-06	6.12E-07	1.88E-07	8.00E-07	4.77E-07	9.06E-08	5.68E-07
438	624698.08	4265583.12	3.11E-06	9.86E-07	4.09E-06	2.60E-06	7.39E-07	3.33E-06	6.15E-07	1.89E-07	8.04E-07	4.79E-07	9.10E-08	5.70E-07
439	624688.17	4265582.98	3.12E-06	9.90E-07	4.11E-06	2.61E-06	7.41E-07	3.35E-06	6.17E-07	1.90E-07	8.07E-07	4.81E-07	9.14E-08	5.72E-07
440	624678.26	4265582.85	3.13E-06	9.93E-07	4.12E-06	2.61E-06	7.44E-07	3.36E-06	6.19E-07	1.90E-07	8.09E-07	4.83E-07	9.17E-08	5.74E-07

441	624668.35	4265582.71	3.14E-06	9.96E-07	4.13E-06	2.62E-06	7.46E-07	3.37E-06	6.21E-07	1.91E-07	8.12E-07	4.84E-07	9.19E-08	5.76E-07
442	624658.44	4265582.57	3.14E-06	9.98E-07	4.14E-06	2.63E-06	7.47E-07	3.37E-06	6.22E-07	1.91E-07	8.13E-07	4.85E-07	9.21E-08	5.77E-07
443	624648.53	4265582.43	3.14E-06	9.98E-07	4.14E-06	2.63E-06	7.47E-07	3.37E-06	6.22E-07	1.91E-07	8.13E-07	4.85E-07	9.21E-08	5.77E-07
444	624638.62	4265582.3	3.14E-06	9.96E-07	4.13E-06	2.62E-06	7.46E-07	3.37E-06	6.21E-07	1.91E-07	8.12E-07	4.84E-07	9.19E-08	5.76E-07
445	624628.72	4265582.16	3.12E-06	9.92E-07	4.11E-06	2.61E-06	7.42E-07	3.35E-06	6.18E-07	1.90E-07	8.08E-07	4.82E-07	9.15E-08	5.73E-07
446	624618.81	4265582.02	3.10E-06	9.86E-07	4.09E-06	2.59E-06	7.38E-07	3.33E-06	6.14E-07	1.89E-07	8.03E-07	4.79E-07	9.10E-08	5.70E-07
447	624608.9	4265581.88	3.08E-06	9.79E-07	4.06E-06	2.58E-06	7.33E-07	3.31E-06	6.10E-07	1.88E-07	7.98E-07	4.76E-07	9.03E-08	5.66E-07
448	624598.99	4265581.75	3.06E-06	9.71E-07	4.03E-06	2.56E-06	7.27E-07	3.28E-06	6.05E-07	1.86E-07	7.91E-07	4.72E-07	8.96E-08	5.62E-07
449	624589.08	4265581.61	3.03E-06	9.62E-07	3.99E-06	2.53E-06	7.20E-07	3.25E-06	6.00E-07	1.84E-07	7.84E-07	4.67E-07	8.88E-08	5.56E-07
450	624579.17	4265581.47	2.99E-06	9.50E-07	3.94E-06	2.50E-06	7.12E-07	3.21E-06	5.92E-07	1.82E-07	7.75E-07	4.62E-07	8.77E-08	5.50E-07
451	624569.26	4265581.33	2.95E-06	9.37E-07	3.89E-06	2.47E-06	7.01E-07	3.17E-06	5.84E-07	1.79E-07	7.63E-07	4.55E-07	8.65E-08	5.42E-07
452	624559.35	4265581.2	2.90E-06	9.21E-07	3.82E-06	2.42E-06	6.90E-07	3.11E-06	5.74E-07	1.77E-07	7.51E-07	4.48E-07	8.50E-08	5.33E-07
453	624549.45	4265581.06	2.85E-06	9.05E-07	3.75E-06	2.38E-06	6.77E-07	3.06E-06	5.64E-07	1.73E-07	7.37E-07	4.40E-07	8.35E-08	5.23E-07
454	624539.54	4265580.92	2.79E-06	8.87E-07	3.68E-06	2.33E-06	6.64E-07	3.00E-06	5.53E-07	1.70E-07	7.23E-07	4.31E-07	8.19E-08	5.13E-07
455	624529.63	4265580.78	2.73E-06	8.68E-07	3.60E-06	2.28E-06	6.50E-07	2.93E-06	5.41E-07	1.66E-07	7.07E-07	4.22E-07	8.01E-08	5.02E-07
456	624519.72	4265580.65	2.67E-06	8.47E-07	3.52E-06	2.23E-06	6.34E-07	2.86E-06	5.28E-07	1.62E-07	6.90E-07	4.12E-07	7.82E-08	4.90E-07
457	624509.81	4265580.51	2.60E-06	8.25E-07	3.42E-06	2.17E-06	6.17E-07	2.79E-06	5.14E-07	1.58E-07	6.72E-07	4.01E-07	7.61E-08	4.77E-07
458	624499.9	4265580.37	2.52E-06	8.01E-07	3.32E-06	2.11E-06	5.99E-07	2.71E-06	4.99E-07	1.53E-07	6.52E-07	3.89E-07	7.39E-08	4.63E-07
459	624489.99	4265580.23	2.44E-06	7.76E-07	3.22E-06	2.04E-06	5.81E-07	2.62E-06	4.84E-07	1.49E-07	6.32E-07	3.77E-07	7.16E-08	4.49E-07
460	624480.08	4265580.1	2.36E-06	7.50E-07	3.11E-06	1.98E-06	5.62E-07	2.54E-06	4.68E-07	1.44E-07	6.11E-07	3.65E-07	6.93E-08	4.34E-07
461	624470.17	4265579.96	2.28E-06	7.24E-07	3.00E-06	1.91E-06	5.42E-07	2.45E-06	4.51E-07	1.39E-07	5.90E-07	3.52E-07	6.68E-08	4.18E-07
462	624460.27	4265579.82	2.19E-06	6.95E-07	2.89E-06	1.83E-06	5.21E-07	2.35E-06	4.33E-07	1.33E-07	5.67E-07	3.38E-07	6.42E-08	4.02E-07
463	624450.36	4265579.69	2.09E-06	6.65E-07	2.76E-06	1.75E-06	4.98E-07	2.25E-06	4.14E-07	1.27E-07	5.42E-07	3.23E-07	6.14E-08	3.84E-07
464	624440.45	4265579.55	1.99E-06	6.33E-07	2.63E-06	1.67E-06	4.74E-07	2.14E-06	3.94E-07	1.21E-07	5.16E-07	3.07E-07	5.84E-08	3.66E-07
465	624430.54	4265579.41	1.89E-06	6.00E-07	2.49E-06	1.58E-06	4.49E-07	2.03E-06	3.74E-07	1.15E-07	4.89E-07	2.92E-07	5.54E-08	3.47E-07
466	624420.63	4265579.27	1.79E-06	5.68E-07	2.36E-06	1.50E-06	4.26E-07	1.92E-06	3.54E-07	1.09E-07	4.63E-07	2.76E-07	5.25E-08	3.29E-07
467	624410.72	4265579.14	1.69E-06	5.38E-07	2.23E-06	1.42E-06	4.03E-07	1.82E-06	3.35E-07	1.03E-07	4.39E-07	2.62E-07	4.97E-08	3.11E-07
468	624400.81	4265579	1.61E-06	5.10E-07	2.12E-06	1.34E-06	3.82E-07	1.72E-06	3.18E-07	9.77E-08	4.15E-07	2.48E-07	4.71E-08	2.95E-07
469	624390.9	4265578.86	1.52E-06	4.83E-07	2.01E-06	1.27E-06	3.62E-07	1.63E-06	3.01E-07	9.26E-08	3.94E-07	2.35E-07	4.46E-08	2.80E-07
470	624381	4265578.72	1.45E-06	4.59E-07	1.91E-06	1.21E-06	3.44E-07	1.55E-06	2.86E-07	8.80E-08	3.74E-07	2.23E-07	4.24E-08	2.66E-07
471	624371.09	4265578.59	1.38E-06	4.38E-07	1.82E-06	1.15E-06	3.28E-07	1.48E-06	2.73E-07	8.39E-08	3.57E-07	2.13E-07	4.04E-08	2.53E-07
472	624361.18	4265578.45	1.32E-06	4.19E-07	1.74E-06	1.10E-06	3.13E-07	1.41E-06	2.61E-07	8.02E-08	3.41E-07	2.03E-07	3.86E-08	2.42E-07
473	624874.35	4265582.91	2.37E-06	7.52E-07	3.12E-06	1.98E-06	5.63E-07	2.54E-06	4.69E-07	1.44E-07	6.13E-07	3.65E-07	6.94E-08	4.35E-07
474	624883.15	4265586.7	2.32E-06	7.37E-07	3.06E-06	1.94E-06	5.52E-07	2.49E-06	4.59E-07	1.41E-07	6.00E-07	3.58E-07	6.80E-08	4.26E-07
475	624891.95	4265590.5	2.26E-06	7.19E-07	2.98E-06	1.89E-06	5.38E-07	2.43E-06	4.48E-07	1.38E-07	5.86E-07	3.49E-07	6.63E-08	4.15E-07
476	624900.75	4265594.29	2.20E-06	6.99E-07	2.90E-06	1.84E-06	5.23E-07	2.36E-06	4.36E-07	1.34E-07	5.70E-07	3.40E-07	6.45E-08	4.04E-07
477	624909.55	4265598.09	2.14E-06	6.78E-07	2.81E-06	1.78E-06	5.08E-07	2.29E-06	4.23E-07	1.30E-07	5.53E-07	3.29E-07	6.26E-08	3.92E-07
478	624918.35	4265601.88	2.07E-06	6.57E-07	2.72E-06	1.73E-06	4.92E-07	2.22E-06	4.09E-07	1.26E-07	5.35E-07	3.19E-07	6.06E-08	3.80E-07
479	624930.67	4265614.59	2.00E-06	6.36E-07	2.64E-06	1.67E-06	4.76E-07	2.15E-06	3.96E-07	1.22E-07	5.18E-07	3.09E-07	5.87E-08	3.68E-07
480	624934.2	4265623.5	2.00E-06	6.36E-07	2.64E-06	1.67E-06	4.76E-07	2.15E-06	3.96E-07	1.22E-07	5.18E-07	3.09E-07	5.87E-08	3.67E-07
481	624937.72	4265632.41	2.00E-06	6.34E-07	2.63E-06	1.67E-06	4.75E-07	2.14E-06	3.95E-07	1.21E-07	5.17E-07	3.08E-07	5.85E-08	3.67E-07
482	624941.25	4265641.32	1.99E-06	6.31E-07	2.62E-06	1.66E-06	4.73E-07	2.13E-06	3.94E-07	1.21E-07	5.14E-07	3.07E-07	5.83E-08	3.65E-07
483	624944.78	4265650.23	1.98E-06	6.27E-07	2.60E-06	1.65E-06	4.70E-07	2.12E-06	3.91E-07	1.20E-07	5.11E-07	3.05E-07	5.79E-08	3.63E-07
484	624948.3	4265659.14	1.96E-06	6.22E-07	2.58E-06	1.64E-06	4.66E-07	2.10E-06	3.88E-07	1.19E-07	5.07E-07	3.02E-07	5.74E-08	3.60E-07
485	624951.83	4265668.05	1.94E-06	6.16E-07	2.56E-06	1.62E-06	4.62E-07	2.08E-06	3.84E-07	1.18E-07	5.02E-07	3.00E-07	5.69E-08	3.56E-07
486	624846.85	4265575.18	2.50E-06	7.95E-07	3.30E-06	2.09E-06	5.95E-07	2.69E-06	4.95E-07	1.52E-07	6.47E-07	3.86E-07	7.33E-08	4.59E-07
487	624836.94	4265575.04	2.56E-06	8.13E-07	3.37E-06	2.14E-06	6.09E-07	2.75E-06	5.07E-07	1.56E-07	6.63E-07	3.95E-07	7.51E-08	4.70E-07
488	624827.03	4265574.91	2.61E-06	8.30E-07	3.44E-06	2.18E-06	6.21E-07	2.81E-06	5.17E-07	1.59E-07	6.76E-07	4.03E-07	7.66E-08	4.80E-07
489	624817.12	4265574.77	2.66E-06	8.44E-07	3.50E-06	2.22E-06	6.32E-07	2.85E-06	5.26E-07	1.62E-07	6.88E-07	4.10E-07	7.79E-08	4.88E-07
490	624807.21	4265574.63	2.70E-06	8.57E-07	3.56E-06	2.26E-06	6.42E-07	2.90E-06	5.34E-07	1.64E-07	6.99E-07	4.17E-07	7.91E-08	4.96E-07
491	624797.3	4265574.5	2.74E-06	8.69E-07	3.61E-06	2.29E-06	6.51E-07	2.94E-06	5.42E-07	1.66E-07	7.08E-07	4.22E-07	8.02E-08	5.02E-07
492	624787.39	4265574.36	2.77E-06	8.79E-07	3.65E-06	2.31E-06	6.58E-07	2.97E-06	5.48E-07	1.68E-07	7.16E-07	4.27E-07	8.11E-08	5.08E-07
493	624777.49	4265574.22	2.79E-06	8.87E-07	3.68E-06	2.33E-06	6.64E-07	3.00E-06	5.53E-07	1.70E-07	7.23E-07	4.31E-07	8.18E-08	5.13E-07
494	624767.58	4265574.08	2.81E-06	8.93E-07	3.71E-06	2.35E-06	6.69E-07	3.02E-06	5.57E-07	1.71E-07	7.28E-07	4.34E-07	8.24E-08	5.16E-07
495	624757.67	4265573.95	2.83E-06	8.99E-07	3.73E-06	2.37E-06	6.73E-07	3.04E-06	5.60E-07	1.72E-07	7.33E-07	4.37E-07	8.30E-08	5.20E-07
496	624747.76	4265573.81	2.85E-06	9.05E-07	3.75E-06	2.38E-06	6.77E-07	3.06E-06	5.64E-07	1.73E-07	7.37E-07	4.40E-07	8.35E-08	5.23E-07
497	624737.85	4265573.67	2.87E-06	9.11E-07	3.78E-06	2.40E-06	6.82E-07	3.08E-06	5.68E-07	1.75E-07	7.42E-07	4.43E-07	8.41E-08	5.27E-07
498	624727.94	4265573.53	2.89E-06	9.17E-07	3.80E-06	2.41E-06	6.87E-07	3.10E-06	5.72E-07	1.76E-07	7.47E-07	4.46E-07	8.46E-08	5.30E-07
499	624718.03	4265573.4	2.90E-06	9.22E-07	3.83E-06	2.43E-06	6.91E-07	3.12E-06	5.75E-07	1.77E-07	7.52E-07	4.48E-07	8.51E-08	5.33E-07
500	624708.12	4265573.26	2.92E-06	9.26E-07	3.84E-06	2.44E-06	6.94E-07	3.13E-06	5.77E-07	1.78E-07	7.55E-07	4.50E-07	8.55E-08	5.36E-07
501	624698.22	4265573.12	2.93E-06	9.30E-07	3.86E-06	2.45E-06	6.96E-07	3.14E-06	5.79E-07	1.78E-07	7.58E-07	4.52E-07	8.58E-08	5.37E-07
502	624688.31	4265572.98	2.94E-06	9.32E-07	3.87E-06	2.45E-06	6.98E-07	3.15E-06	5.81E-07	1.79E-07	7.60E-07	4.53E-07	8.61E-08	5.39E-07
503	624678.4	4265572.85	2.94E-06	9.35E-07	3.88E-06	2.46E-06	7.00E-07	3.16E-06	5.83E-07	1.79E-07	7.62E-07	4.54E-07	8.63E-08	5.41E-07
504	624668.49	4265572.71	2.95E-06	9.37E-07	3.89E-06	2.47E-06	7.02E-07	3.17E-06	5.84E-07	1.80E-07	7.64E-07	4.55E-07	8.65E-08	5.42E-07
505	624658.58	4265572.57	2.95E-06	9.38E-07	3.89E-06	2.47E-06	7.02E-07	3.17E-06	5.85E-07	1.80E-07	7.64E-07	4.56E-07	8.66E-08	5.42E-07
506	624648.67	4265572.43	2.95E-06	9.37E-07	3.89E-06	2.47E-06	7.02E-07	3.17E-06	5.84E-07	1.80E-07	7.64E-07	4.55E-07	8.65E-08	5.42E-07
507	624638.76	4265572.3	2.94E-06	9.34E-07	3.88E-06	2.46E-06	7.00E-07	3.16E-06	5.82E-07	1.79E-07	7.61E-07	4.54E-07	8.62E-08	5.40E-07
508	624628.85	4265572.16	2.93E-06	9.30E-07	3.86E-06	2.45E-06	6.96E-07	3.14E-06	5.79E-07	1.78E-07	7.57E-07	4.52E-07	8.58E-08	5.37E-07
509	624618.95	4265572.02	2.91E-06	9.23E-07	3.83E-06	2.43E-06	6.91E-07	3.12E-06	5.76E-07	1.77E-07	7.53E-07	4.49E-07	8.52E-08	5.34E-07
510	624609.04	4265571.88	2.89E-06	9.17E-07	3.80E-06	2.41E-06	6.86E-07	3.10E-06	5.71E-07	1.76E-07	7.47E-07	4.45E-07	8.46E-08	5.30E-07
511	624599.13	4265571.75	2.86E-06	9.09E-07	3.77E-06	2.39E-06	6.80E-07	3.07E-06	5.66E-07	1.74E-07	7.40E-07	4.42E-07	8.39E-08	5.25E-07
512	624589.22	4265571.61	2.83E-06	8.99E-07	3.73E-06	2.37E-06	6.73E-07	3.04E-06	5.61E-07	1.72E-07	7.33E-07	4.37E-07	8.30E-08	5.20E-07
513	624579.31	4265571.47	2.80E-06	8.88E-07	3.68E-06	2.34E-06	6.65E-07	3.00E-06	5.53E-07	1.70E-07	7.23E-07	4.31E-07	8.19E-08	5.13E-07
514	624569.4	4265571.34	2.75E-06	8.74E-07	3.63E-06	2.30E-06	6.55E-07	2.96E-06	5.45E-07	1.68E-07	7.13E-07	4.25E-07	8.07E-08	5.06E-07

515	624559.49	4265571.2	2.71E-06	8.60E-07	3.57E-06	2.26E-06	6.44E-07	2.91E-06	5.36E-07	1.65E-07	7.00E-07	4.18E-07	7.93E-08	4.97E-07
516	624549.58	4265571.06	2.66E-06	8.44E-07	3.50E-06	2.22E-06	6.32E-07	2.85E-06	5.26E-07	1.62E-07	6.88E-07	4.10E-07	7.79E-08	4.88E-07
517	624539.67	4265570.92	2.60E-06	8.27E-07	3.43E-06	2.18E-06	6.19E-07	2.80E-06	5.16E-07	1.58E-07	6.74E-07	4.02E-07	7.63E-08	4.78E-07
518	624529.77	4265570.79	2.55E-06	8.09E-07	3.36E-06	2.13E-06	6.06E-07	2.74E-06	5.04E-07	1.55E-07	6.59E-07	3.93E-07	7.47E-08	4.68E-07
519	624519.86	4265570.65	2.49E-06	7.89E-07	3.28E-06	2.08E-06	5.91E-07	2.67E-06	4.92E-07	1.51E-07	6.43E-07	3.84E-07	7.29E-08	4.56E-07
520	624509.95	4265570.51	2.42E-06	7.68E-07	3.19E-06	2.02E-06	5.75E-07	2.60E-06	4.79E-07	1.47E-07	6.26E-07	3.73E-07	7.09E-08	4.44E-07
521	624500.04	4265570.37	2.35E-06	7.45E-07	3.09E-06	1.96E-06	5.58E-07	2.52E-06	4.65E-07	1.43E-07	6.07E-07	3.62E-07	6.88E-08	4.31E-07
522	624490.13	4265570.24	2.27E-06	7.22E-07	3.00E-06	1.90E-06	5.41E-07	2.44E-06	4.50E-07	1.38E-07	5.89E-07	3.51E-07	6.67E-08	4.18E-07
523	624480.22	4265570.1	2.20E-06	6.99E-07	2.90E-06	1.84E-06	5.23E-07	2.36E-06	4.35E-07	1.34E-07	5.69E-07	3.39E-07	6.45E-08	4.04E-07
524	624470.31	4265569.96	2.12E-06	6.74E-07	2.80E-06	1.77E-06	5.04E-07	2.28E-06	4.20E-07	1.29E-07	5.49E-07	3.27E-07	6.22E-08	3.90E-07
525	624460.4	4265569.82	2.04E-06	6.47E-07	2.69E-06	1.70E-06	4.85E-07	2.19E-06	4.03E-07	1.24E-07	5.27E-07	3.15E-07	5.97E-08	3.74E-07
526	624450.5	4265569.69	1.95E-06	6.19E-07	2.57E-06	1.63E-06	4.64E-07	2.09E-06	3.86E-07	1.19E-07	5.05E-07	3.01E-07	5.71E-08	3.58E-07
527	624440.59	4265569.55	1.86E-06	5.90E-07	2.45E-06	1.55E-06	4.42E-07	2.00E-06	3.68E-07	1.13E-07	4.81E-07	2.87E-07	5.45E-08	3.41E-07
528	624430.68	4265569.41	1.77E-06	5.61E-07	2.33E-06	1.48E-06	4.20E-07	1.90E-06	3.50E-07	1.08E-07	4.57E-07	2.73E-07	5.18E-08	3.25E-07
529	624420.77	4265569.27	1.68E-06	5.34E-07	2.21E-06	1.40E-06	4.00E-07	1.80E-06	3.33E-07	1.02E-07	4.35E-07	2.59E-07	4.92E-08	3.09E-07
530	624410.86	4265569.14	1.60E-06	5.07E-07	2.11E-06	1.34E-06	3.80E-07	1.72E-06	3.16E-07	9.72E-08	4.14E-07	2.47E-07	4.68E-08	2.93E-07
531	624400.95	4265569	1.52E-06	4.83E-07	2.00E-06	1.27E-06	3.61E-07	1.63E-06	3.01E-07	9.25E-08	3.93E-07	2.35E-07	4.46E-08	2.79E-07
532	624391.04	4265568.86	1.45E-06	4.60E-07	1.91E-06	1.21E-06	3.44E-07	1.55E-06	2.86E-07	8.81E-08	3.74E-07	2.23E-07	4.24E-08	2.66E-07
533	624381.13	4265568.72	1.38E-06	4.38E-07	1.82E-06	1.15E-06	3.28E-07	1.48E-06	2.73E-07	8.39E-08	3.57E-07	2.13E-07	4.04E-08	2.53E-07
534	624371.23	4265568.59	1.32E-06	4.19E-07	1.74E-06	1.10E-06	3.13E-07	1.42E-06	2.61E-07	8.02E-08	3.41E-07	2.03E-07	3.86E-08	2.42E-07
535	624361.32	4265568.45	1.26E-06	4.01E-07	1.66E-06	1.06E-06	3.00E-07	1.36E-06	2.50E-07	7.68E-08	3.27E-07	1.95E-07	3.70E-08	2.32E-07
536	624874.7	4265557.91	2.15E-06	6.83E-07	2.83E-06	1.80E-06	5.11E-07	2.31E-06	4.26E-07	1.31E-07	5.56E-07	3.32E-07	6.30E-08	3.95E-07
537	624883.5	4265561.71	2.12E-06	6.73E-07	2.79E-06	1.77E-06	5.04E-07	2.28E-06	4.20E-07	1.29E-07	5.49E-07	3.27E-07	6.21E-08	3.89E-07
538	624892.3	4265565.5	2.08E-06	6.62E-07	2.74E-06	1.74E-06	4.95E-07	2.24E-06	4.12E-07	1.27E-07	5.39E-07	3.21E-07	6.11E-08	3.83E-07
539	624901.1	4265569.3	2.04E-06	6.48E-07	2.69E-06	1.70E-06	4.85E-07	2.19E-06	4.04E-07	1.24E-07	5.28E-07	3.15E-07	5.98E-08	3.75E-07
540	624909.89	4265573.09	1.99E-06	6.32E-07	2.62E-06	1.66E-06	4.73E-07	2.14E-06	3.94E-07	1.21E-07	5.15E-07	3.07E-07	5.84E-08	3.66E-07
541	624918.69	4265576.89	1.94E-06	6.16E-07	2.55E-06	1.62E-06	4.61E-07	2.08E-06	3.84E-07	1.18E-07	5.02E-07	2.99E-07	5.68E-08	3.56E-07
542	624927.49	4265580.68	1.88E-06	5.98E-07	2.48E-06	1.58E-06	4.48E-07	2.02E-06	3.73E-07	1.15E-07	4.88E-07	2.91E-07	5.52E-08	3.46E-07
543	624936.29	4265584.48	1.83E-06	5.81E-07	2.41E-06	1.53E-06	4.35E-07	1.96E-06	3.62E-07	1.11E-07	4.73E-07	2.82E-07	5.36E-08	3.36E-07
544	624948.61	4265597.18	1.77E-06	5.63E-07	2.34E-06	1.48E-06	4.22E-07	1.90E-06	3.51E-07	1.08E-07	4.59E-07	2.74E-07	5.20E-08	3.26E-07
545	624952.14	4265606.09	1.77E-06	5.63E-07	2.34E-06	1.48E-06	4.22E-07	1.90E-06	3.51E-07	1.08E-07	4.59E-07	2.74E-07	5.20E-08	3.26E-07
546	624955.67	4265615	1.77E-06	5.62E-07	2.33E-06	1.48E-06	4.21E-07	1.90E-06	3.50E-07	1.08E-07	4.58E-07	2.73E-07	5.19E-08	3.25E-07
547	624959.19	4265623.91	1.76E-06	5.60E-07	2.32E-06	1.47E-06	4.19E-07	1.89E-06	3.49E-07	1.07E-07	4.56E-07	2.72E-07	5.17E-08	3.24E-07
548	624962.72	4265632.82	1.75E-06	5.57E-07	2.31E-06	1.47E-06	4.17E-07	1.88E-06	3.47E-07	1.07E-07	4.54E-07	2.71E-07	5.14E-08	3.22E-07
549	624966.25	4265641.73	1.74E-06	5.53E-07	2.30E-06	1.46E-06	4.14E-07	1.87E-06	3.45E-07	1.06E-07	4.51E-07	2.69E-07	5.11E-08	3.20E-07
550	624969.77	4265650.64	1.73E-06	5.49E-07	2.28E-06	1.44E-06	4.11E-07	1.85E-06	3.42E-07	1.05E-07	4.47E-07	2.67E-07	5.06E-08	3.17E-07
551	624973.3	4265659.55	1.71E-06	5.43E-07	2.25E-06	1.43E-06	4.07E-07	1.84E-06	3.38E-07	1.04E-07	4.43E-07	2.64E-07	5.01E-08	3.14E-07
552	624976.83	4265668.46	1.69E-06	5.37E-07	2.23E-06	1.41E-06	4.02E-07	1.81E-06	3.35E-07	1.03E-07	4.37E-07	2.61E-07	4.95E-08	3.10E-07
553	624847.19	4265550.18	2.23E-06	7.10E-07	2.94E-06	1.87E-06	5.31E-07	2.40E-06	4.42E-07	1.36E-07	5.78E-07	3.45E-07	6.55E-08	4.10E-07
554	624837.29	4265550.05	2.28E-06	7.23E-07	3.00E-06	1.90E-06	5.42E-07	2.45E-06	4.51E-07	1.39E-07	5.90E-07	3.52E-07	6.68E-08	4.18E-07
555	624827.38	4265549.91	2.32E-06	7.36E-07	3.05E-06	1.94E-06	5.51E-07	2.49E-06	4.59E-07	1.41E-07	6.00E-07	3.58E-07	6.79E-08	4.25E-07
556	624817.47	4265549.77	2.35E-06	7.47E-07	3.10E-06	1.97E-06	5.59E-07	2.53E-06	4.66E-07	1.43E-07	6.09E-07	3.63E-07	6.90E-08	4.32E-07
557	624807.56	4265549.64	2.38E-06	7.57E-07	3.14E-06	1.99E-06	5.67E-07	2.56E-06	4.72E-07	1.45E-07	6.17E-07	3.68E-07	6.99E-08	4.38E-07
558	624797.65	4265549.5	2.41E-06	7.66E-07	3.18E-06	2.02E-06	5.74E-07	2.59E-06	4.78E-07	1.47E-07	6.24E-07	3.72E-07	7.07E-08	4.43E-07
559	624787.74	4265549.36	2.44E-06	7.74E-07	3.21E-06	2.04E-06	5.79E-07	2.62E-06	4.82E-07	1.48E-07	6.31E-07	3.76E-07	7.14E-08	4.47E-07
560	624777.83	4265549.22	2.46E-06	7.80E-07	3.24E-06	2.05E-06	5.84E-07	2.64E-06	4.86E-07	1.49E-07	6.36E-07	3.79E-07	7.20E-08	4.51E-07
561	624767.92	4265549.09	2.47E-06	7.85E-07	3.26E-06	2.07E-06	5.88E-07	2.65E-06	4.89E-07	1.50E-07	6.40E-07	3.81E-07	7.25E-08	4.54E-07
562	624758.02	4265548.95	2.49E-06	7.90E-07	3.28E-06	2.08E-06	5.91E-07	2.67E-06	4.92E-07	1.51E-07	6.43E-07	3.84E-07	7.29E-08	4.56E-07
563	624748.11	4265548.81	2.50E-06	7.94E-07	3.29E-06	2.09E-06	5.94E-07	2.68E-06	4.95E-07	1.52E-07	6.47E-07	3.86E-07	7.33E-08	4.59E-07
564	624738.2	4265548.67	2.51E-06	7.98E-07	3.31E-06	2.10E-06	5.98E-07	2.70E-06	4.98E-07	1.53E-07	6.51E-07	3.88E-07	7.37E-08	4.62E-07
565	624728.29	4265548.54	2.53E-06	8.03E-07	3.33E-06	2.11E-06	6.01E-07	2.71E-06	5.00E-07	1.54E-07	6.54E-07	3.90E-07	7.41E-08	4.64E-07
566	624718.38	4265548.4	2.54E-06	8.06E-07	3.34E-06	2.12E-06	6.03E-07	2.72E-06	5.02E-07	1.54E-07	6.57E-07	3.92E-07	7.44E-08	4.66E-07
567	624708.47	4265548.26	2.54E-06	8.08E-07	3.35E-06	2.13E-06	6.05E-07	2.73E-06	5.04E-07	1.55E-07	6.59E-07	3.93E-07	7.46E-08	4.67E-07
568	624698.56	4265548.12	2.55E-06	8.10E-07	3.36E-06	2.13E-06	6.06E-07	2.74E-06	5.05E-07	1.55E-07	6.60E-07	3.93E-07	7.47E-08	4.68E-07
569	624688.65	4265547.99	2.55E-06	8.11E-07	3.36E-06	2.13E-06	6.07E-07	2.74E-06	5.05E-07	1.55E-07	6.61E-07	3.94E-07	7.48E-08	4.69E-07
570	624678.74	4265547.85	2.56E-06	8.12E-07	3.37E-06	2.14E-06	6.08E-07	2.74E-06	5.06E-07	1.56E-07	6.61E-07	3.94E-07	7.49E-08	4.69E-07
571	624668.84	4265547.71	2.56E-06	8.12E-07	3.37E-06	2.14E-06	6.08E-07	2.75E-06	5.06E-07	1.56E-07	6.62E-07	3.95E-07	7.49E-08	4.70E-07
572	624658.93	4265547.57	2.55E-06	8.11E-07	3.37E-06	2.14E-06	6.07E-07	2.74E-06	5.06E-07	1.55E-07	6.61E-07	3.94E-07	7.49E-08	4.69E-07
573	624649.02	4265547.44	2.55E-06	8.09E-07	3.36E-06	2.13E-06	6.06E-07	2.74E-06	5.04E-07	1.55E-07	6.59E-07	3.93E-07	7.47E-08	4.68E-07
574	624639.11	4265547.3	2.54E-06	8.05E-07	3.34E-06	2.12E-06	6.03E-07	2.72E-06	5.02E-07	1.54E-07	6.56E-07	3.91E-07	7.43E-08	4.66E-07
575	624629.2	4265547.16	2.52E-06	8.00E-07	3.32E-06	2.11E-06	5.99E-07	2.70E-06	4.99E-07	1.53E-07	6.52E-07	3.89E-07	7.38E-08	4.62E-07
576	624619.29	4265547.02	2.50E-06	7.94E-07	3.29E-06	2.09E-06	5.94E-07	2.68E-06	4.95E-07	1.52E-07	6.47E-07	3.86E-07	7.32E-08	4.59E-07
577	624609.38	4265546.89	2.48E-06	7.86E-07	3.26E-06	2.07E-06	5.89E-07	2.66E-06	4.90E-07	1.51E-07	6.41E-07	3.82E-07	7.26E-08	4.55E-07
578	624599.47	4265546.75	2.45E-06	7.78E-07	3.23E-06	2.05E-06	5.83E-07	2.63E-06	4.85E-07	1.49E-07	6.34E-07	3.78E-07	7.18E-08	4.50E-07
579	624589.57	4265546.61	2.42E-06	7.69E-07	3.19E-06	2.02E-06	5.76E-07	2.60E-06	4.79E-07	1.47E-07	6.27E-07	3.74E-07	7.10E-08	4.45E-07
580	624579.66	4265546.47	2.39E-06	7.58E-07	3.14E-06	2.00E-06	5.68E-07	2.56E-06	4.72E-07	1.45E-07	6.18E-07	3.68E-07	7.00E-08	4.38E-07
581	624569.75	4265546.34	2.35E-06	7.46E-07	3.09E-06	1.96E-06	5.58E-07	2.52E-06	4.65E-07	1.43E-07	6.08E-07	3.62E-07	6.88E-08	4.31E-07
582	624559.84	4265546.2	2.31E-06	7.32E-07	3.04E-06	1.93E-06	5.48E-07	2.48E-06	4.56E-07	1.40E-07	5.97E-07	3.56E-07	6.76E-08	4.23E-07
583	624549.93	4265546.06	2.26E-06	7.18E-07	2.98E-06	1.89E-06	5.38E-07	2.43E-06	4.48E-07	1.38E-07	5.85E-07	3.49E-07	6.63E-08	4.15E-07
584	624540.02	4265545.93	2.21E-06	7.03E-07	2.92E-06	1.85E-06	5.27E-07	2.38E-06	4.38E-07	1.35E-07	5.73E-07	3.42E-07	6.49E-08	4.07E-07
585	624530.11	4265545.79	2.16E-06	6.87E-07	2.85E-06	1.81E-06	5.15E-07	2.32E-06	4.28E-07	1.32E-07	5.60E-07	3.34E-07	6.34E-08	3.97E-07
586	624520.2	4265545.65	2.11E-06	6.70E-07	2.78E-06	1.76E-06	5.02E-07	2.27E-06	4.18E-07	1.28E-07	5.46E-07	3.26E-07	6.19E-08	3.88E-07
587	624510.3	4265545.51	2.05E-06	6.52E-07	2.70E-06	1.72E-06	4.88E-07	2.20E-06	4.06E-07	1.25E-07	5.31E-07	3.17E-07	6.02E-08	3.77E-07
588	624500.39	4265545.38	1.99E-06	6.33E-07	2.62E-06	1.66E-06	4.74E-07	2.14E-06	3.94E-07	1.21E-07	5.15E-07	3.07E-07	5.84E-08	3.66E-07

589	624490.48	4265545.24	1.93E-06	6.13E-07	2.54E-06	1.61E-06	4.59E-07	2.07E-06	3.82E-07	1.17E-07	4.99E-07	2.98E-07	5.66E-08	3.54E-07
590	624480.57	4265545.1	1.87E-06	5.93E-07	2.46E-06	1.56E-06	4.44E-07	2.00E-06	3.69E-07	1.14E-07	4.83E-07	2.88E-07	5.47E-08	3.43E-07
591	624470.66	4265544.96	1.80E-06	5.72E-07	2.37E-06	1.51E-06	4.28E-07	1.93E-06	3.57E-07	1.10E-07	4.66E-07	2.78E-07	5.28E-08	3.31E-07
592	624460.75	4265544.83	1.73E-06	5.51E-07	2.28E-06	1.45E-06	4.12E-07	1.86E-06	3.43E-07	1.05E-07	4.49E-07	2.67E-07	5.08E-08	3.18E-07
593	624450.84	4265544.69	1.66E-06	5.28E-07	2.19E-06	1.39E-06	3.96E-07	1.79E-06	3.29E-07	1.01E-07	4.31E-07	2.57E-07	4.88E-08	3.05E-07
594	624440.93	4265544.55	1.59E-06	5.06E-07	2.10E-06	1.33E-06	3.79E-07	1.71E-06	3.15E-07	9.70E-08	4.12E-07	2.46E-07	4.67E-08	2.93E-07
595	624431.02	4265544.41	1.53E-06	4.84E-07	2.01E-06	1.28E-06	3.63E-07	1.64E-06	3.02E-07	9.28E-08	3.95E-07	2.35E-07	4.47E-08	2.80E-07
596	624421.12	4265544.28	1.46E-06	4.64E-07	1.93E-06	1.22E-06	3.47E-07	1.57E-06	2.89E-07	8.89E-08	3.78E-07	2.26E-07	4.28E-08	2.68E-07
597	624411.21	4265544.14	1.40E-06	4.45E-07	1.85E-06	1.17E-06	3.33E-07	1.50E-06	2.77E-07	8.52E-08	3.63E-07	2.16E-07	4.11E-08	2.57E-07
598	624401.3	4265544	1.34E-06	4.27E-07	1.77E-06	1.12E-06	3.19E-07	1.44E-06	2.66E-07	8.18E-08	3.48E-07	2.07E-07	3.94E-08	2.47E-07
599	624391.39	4265543.86	1.29E-06	4.09E-07	1.70E-06	1.08E-06	3.06E-07	1.38E-06	2.55E-07	7.84E-08	3.34E-07	1.99E-07	3.78E-08	2.37E-07
600	624381.48	4265543.73	1.24E-06	3.93E-07	1.63E-06	1.03E-06	2.94E-07	1.33E-06	2.45E-07	7.53E-08	3.20E-07	1.91E-07	3.63E-08	2.27E-07
601	624371.57	4265543.59	1.19E-06	3.77E-07	1.57E-06	9.93E-07	2.83E-07	1.28E-06	2.35E-07	7.23E-08	3.08E-07	1.83E-07	3.48E-08	2.18E-07
602	624361.66	4265543.45	1.14E-06	3.63E-07	1.51E-06	9.56E-07	2.72E-07	1.23E-06	2.26E-07	6.96E-08	2.96E-07	1.76E-07	3.35E-08	2.10E-07
603	624866.25	4265529.12	1.97E-06	6.26E-07	2.60E-06	1.65E-06	4.69E-07	2.12E-06	3.90E-07	1.20E-07	5.10E-07	3.04E-07	5.78E-08	3.62E-07
604	624875.05	4265532.91	1.96E-06	6.22E-07	2.58E-06	1.64E-06	4.66E-07	2.10E-06	3.88E-07	1.19E-07	5.07E-07	3.02E-07	5.74E-08	3.60E-07
605	624883.85	4265536.71	1.94E-06	6.16E-07	2.56E-06	1.62E-06	4.61E-07	2.08E-06	3.84E-07	1.18E-07	5.02E-07	2.99E-07	5.69E-08	3.56E-07
606	624892.64	4265540.5	1.92E-06	6.09E-07	2.53E-06	1.60E-06	4.56E-07	2.06E-06	3.79E-07	1.17E-07	4.96E-07	2.96E-07	5.62E-08	3.52E-07
607	624901.44	4265544.3	1.89E-06	5.99E-07	2.49E-06	1.58E-06	4.49E-07	2.03E-06	3.74E-07	1.15E-07	4.88E-07	2.91E-07	5.53E-08	3.46E-07
608	624910.24	4265548.09	1.85E-06	5.88E-07	2.44E-06	1.55E-06	4.40E-07	1.99E-06	3.67E-07	1.13E-07	4.79E-07	2.86E-07	5.43E-08	3.40E-07
609	624919.04	4265551.89	1.81E-06	5.76E-07	2.39E-06	1.52E-06	4.31E-07	1.95E-06	3.59E-07	1.10E-07	4.69E-07	2.80E-07	5.32E-08	3.33E-07
610	624927.84	4265555.68	1.77E-06	5.63E-07	2.33E-06	1.48E-06	4.21E-07	1.90E-06	3.51E-07	1.08E-07	4.58E-07	2.73E-07	5.19E-08	3.25E-07
611	624936.64	4265559.48	1.73E-06	5.48E-07	2.28E-06	1.44E-06	4.11E-07	1.85E-06	3.42E-07	1.05E-07	4.47E-07	2.66E-07	5.06E-08	3.17E-07
612	624945.44	4265563.27	1.68E-06	5.34E-07	2.21E-06	1.40E-06	4.00E-07	1.80E-06	3.33E-07	1.02E-07	4.35E-07	2.59E-07	4.93E-08	3.09E-07
613	624954.23	4265567.07	1.63E-06	5.19E-07	2.15E-06	1.37E-06	3.88E-07	1.75E-06	3.23E-07	9.94E-08	4.23E-07	2.52E-07	4.79E-08	3.00E-07
614	624966.56	4265579.77	1.59E-06	5.04E-07	2.09E-06	1.33E-06	3.77E-07	1.70E-06	3.14E-07	9.66E-08	4.11E-07	2.45E-07	4.65E-08	2.91E-07
615	624970.09	4265588.68	1.59E-06	5.04E-07	2.09E-06	1.33E-06	3.77E-07	1.70E-06	3.14E-07	9.65E-08	4.10E-07	2.45E-07	4.65E-08	2.91E-07
616	624973.61	4265597.59	1.58E-06	5.03E-07	2.09E-06	1.32E-06	3.76E-07	1.70E-06	3.13E-07	9.63E-08	4.10E-07	2.44E-07	4.64E-08	2.91E-07
617	624977.14	4265606.5	1.58E-06	5.01E-07	2.08E-06	1.32E-06	3.75E-07	1.69E-06	3.12E-07	9.60E-08	4.08E-07	2.43E-07	4.62E-08	2.90E-07
618	624980.66	4265615.41	1.57E-06	4.99E-07	2.07E-06	1.31E-06	3.73E-07	1.69E-06	3.11E-07	9.56E-08	4.06E-07	2.42E-07	4.60E-08	2.88E-07
619	624984.19	4265624.32	1.56E-06	4.96E-07	2.06E-06	1.30E-06	3.71E-07	1.68E-06	3.09E-07	9.50E-08	4.04E-07	2.41E-07	4.58E-08	2.87E-07
620	624987.72	4265633.23	1.55E-06	4.92E-07	2.04E-06	1.30E-06	3.68E-07	1.66E-06	3.07E-07	9.43E-08	4.01E-07	2.39E-07	4.54E-08	2.85E-07
621	624991.24	4265642.14	1.54E-06	4.88E-07	2.02E-06	1.28E-06	3.65E-07	1.65E-06	3.04E-07	9.35E-08	3.97E-07	2.37E-07	4.50E-08	2.82E-07
622	624994.77	4265651.05	1.52E-06	4.83E-07	2.00E-06	1.27E-06	3.62E-07	1.63E-06	3.01E-07	9.25E-08	3.93E-07	2.35E-07	4.46E-08	2.79E-07
623	624998.3	4265659.96	1.50E-06	4.77E-07	1.98E-06	1.26E-06	3.57E-07	1.61E-06	2.98E-07	9.15E-08	3.89E-07	2.32E-07	4.41E-08	2.76E-07
624	625001.82	4265668.87	1.48E-06	4.71E-07	1.96E-06	1.24E-06	3.53E-07	1.59E-06	2.94E-07	9.03E-08	3.84E-07	2.29E-07	4.35E-08	2.73E-07
625	624857.45	4265525.32	1.98E-06	6.28E-07	2.61E-06	1.65E-06	4.70E-07	2.12E-06	3.92E-07	1.20E-07	5.12E-07	3.05E-07	5.80E-08	3.63E-07
626	624847.54	4265525.19	2.01E-06	6.40E-07	2.65E-06	1.68E-06	4.79E-07	2.16E-06	3.99E-07	1.23E-07	5.21E-07	3.11E-07	5.90E-08	3.70E-07
627	624837.63	4265525.05	2.05E-06	6.50E-07	2.70E-06	1.71E-06	4.87E-07	2.20E-06	4.05E-07	1.25E-07	5.30E-07	3.16E-07	6.00E-08	3.76E-07
628	624827.72	4265524.91	2.08E-06	6.60E-07	2.74E-06	1.74E-06	4.94E-07	2.23E-06	4.11E-07	1.26E-07	5.38E-07	3.21E-07	6.09E-08	3.82E-07
629	624817.81	4265524.77	2.11E-06	6.69E-07	2.77E-06	1.76E-06	5.01E-07	2.26E-06	4.17E-07	1.28E-07	5.45E-07	3.25E-07	6.17E-08	3.87E-07
630	624807.91	4265524.64	2.13E-06	6.77E-07	2.81E-06	1.78E-06	5.07E-07	2.29E-06	4.22E-07	1.30E-07	5.51E-07	3.29E-07	6.25E-08	3.91E-07
631	624798	4265524.5	2.15E-06	6.84E-07	2.84E-06	1.80E-06	5.12E-07	2.31E-06	4.26E-07	1.31E-07	5.57E-07	3.32E-07	6.31E-08	3.95E-07
632	624788.09	4265524.36	2.17E-06	6.90E-07	2.86E-06	1.82E-06	5.16E-07	2.33E-06	4.30E-07	1.32E-07	5.62E-07	3.35E-07	6.37E-08	3.99E-07
633	624778.18	4265524.23	2.19E-06	6.95E-07	2.88E-06	1.83E-06	5.20E-07	2.35E-06	4.33E-07	1.33E-07	5.66E-07	3.38E-07	6.41E-08	4.02E-07
634	624768.27	4265524.09	2.20E-06	6.99E-07	2.90E-06	1.84E-06	5.23E-07	2.36E-06	4.36E-07	1.34E-07	5.69E-07	3.40E-07	6.45E-08	4.04E-07
635	624758.36	4265523.95	2.21E-06	7.02E-07	2.91E-06	1.85E-06	5.26E-07	2.37E-06	4.38E-07	1.35E-07	5.72E-07	3.41E-07	6.48E-08	4.06E-07
636	624748.45	4265523.81	2.22E-06	7.05E-07	2.92E-06	1.86E-06	5.28E-07	2.38E-06	4.39E-07	1.35E-07	5.74E-07	3.43E-07	6.51E-08	4.08E-07
637	624738.54	4265523.68	2.23E-06	7.08E-07	2.94E-06	1.86E-06	5.30E-07	2.39E-06	4.41E-07	1.36E-07	5.77E-07	3.44E-07	6.53E-08	4.09E-07
638	624728.64	4265523.54	2.24E-06	7.10E-07	2.95E-06	1.87E-06	5.32E-07	2.40E-06	4.43E-07	1.36E-07	5.79E-07	3.45E-07	6.55E-08	4.11E-07
639	624718.73	4265523.4	2.24E-06	7.12E-07	2.95E-06	1.87E-06	5.33E-07	2.41E-06	4.44E-07	1.36E-07	5.80E-07	3.46E-07	6.57E-08	4.12E-07
640	624708.82	4265523.26	2.25E-06	7.13E-07	2.96E-06	1.88E-06	5.34E-07	2.41E-06	4.44E-07	1.37E-07	5.81E-07	3.46E-07	6.58E-08	4.12E-07
641	624698.91	4265523.13	2.25E-06	7.13E-07	2.96E-06	1.88E-06	5.34E-07	2.41E-06	4.45E-07	1.37E-07	5.81E-07	3.47E-07	6.58E-08	4.12E-07
642	624689	4265522.99	2.25E-06	7.13E-07	2.96E-06	1.88E-06	5.34E-07	2.41E-06	4.45E-07	1.37E-07	5.81E-07	3.47E-07	6.58E-08	4.12E-07
643	624679.09	4265522.85	2.24E-06	7.13E-07	2.96E-06	1.88E-06	5.34E-07	2.41E-06	4.44E-07	1.37E-07	5.81E-07	3.46E-07	6.58E-08	4.12E-07
644	624669.18	4265522.71	2.24E-06	7.12E-07	2.95E-06	1.87E-06	5.33E-07	2.41E-06	4.44E-07	1.36E-07	5.80E-07	3.46E-07	6.57E-08	4.11E-07
645	624659.27	4265522.58	2.24E-06	7.10E-07	2.94E-06	1.87E-06	5.31E-07	2.40E-06	4.42E-07	1.36E-07	5.78E-07	3.45E-07	6.55E-08	4.10E-07
646	624649.36	4265522.44	2.23E-06	7.07E-07	2.93E-06	1.86E-06	5.29E-07	2.39E-06	4.41E-07	1.35E-07	5.76E-07	3.43E-07	6.52E-08	4.09E-07
647	624639.46	4265522.3	2.21E-06	7.03E-07	2.91E-06	1.85E-06	5.26E-07	2.38E-06	4.38E-07	1.35E-07	5.73E-07	3.41E-07	6.48E-08	4.06E-07
648	624629.55	4265522.16	2.20E-06	6.97E-07	2.89E-06	1.83E-06	5.22E-07	2.36E-06	4.35E-07	1.34E-07	5.68E-07	3.39E-07	6.43E-08	4.03E-07
649	624619.64	4265522.03	2.18E-06	6.91E-07	2.87E-06	1.82E-06	5.17E-07	2.34E-06	4.31E-07	1.32E-07	5.63E-07	3.36E-07	6.38E-08	3.99E-07
650	624609.73	4265521.89	2.15E-06	6.84E-07	2.84E-06	1.80E-06	5.12E-07	2.31E-06	4.26E-07	1.31E-07	5.57E-07	3.32E-07	6.31E-08	3.95E-07
651	624599.82	4265521.75	2.13E-06	6.76E-07	2.80E-06	1.78E-06	5.06E-07	2.28E-06	4.21E-07	1.29E-07	5.51E-07	3.28E-07	6.23E-08	3.91E-07
652	624589.91	4265521.61	2.10E-06	6.67E-07	2.77E-06	1.75E-06	4.99E-07	2.25E-06	4.15E-07	1.28E-07	5.43E-07	3.24E-07	6.15E-08	3.85E-07
653	624580	4265521.48	2.07E-06	6.57E-07	2.72E-06	1.73E-06	4.92E-07	2.22E-06	4.09E-07	1.26E-07	5.35E-07	3.19E-07	6.06E-08	3.80E-07
654	624570.09	4265521.34	2.03E-06	6.45E-07	2.68E-06	1.70E-06	4.83E-07	2.18E-06	4.02E-07	1.24E-07	5.26E-07	3.14E-07	5.96E-08	3.73E-07
655	624560.19	4265521.2	1.99E-06	6.33E-07	2.63E-06	1.67E-06	4.74E-07	2.14E-06	3.95E-07	1.21E-07	5.16E-07	3.08E-07	5.84E-08	3.66E-07
656	624550.28	4265521.07	1.95E-06	6.20E-07	2.57E-06	1.63E-06	4.64E-07	2.10E-06	3.87E-07	1.19E-07	5.06E-07	3.01E-07	5.73E-08	3.59E-07
657	624540.37	4265520.93	1.91E-06	6.07E-07	2.52E-06	1.60E-06	4.54E-07	2.05E-06	3.78E-07	1.16E-07	4.95E-07	2.95E-07	5.60E-08	3.51E-07
658	624530.46	4265520.79	1.87E-06	5.93E-07	2.46E-06	1.56E-06	4.44E-07	2.00E-06	3.70E-07	1.14E-07	4.83E-07	2.88E-07	5.47E-08	3.43E-07
659	624520.55	4265520.65	1.82E-06	5.78E-07	2.40E-06	1.52E-06	4.33E-07	1.95E-06	3.60E-07	1.11E-07	4.71E-07	2.81E-07	5.33E-08	3.34E-07
660	624510.64	4265520.52	1.77E-06	5.62E-07	2.33E-06	1.48E-06	4.21E-07	1.90E-06	3.50E-07	1.08E-07	4.58E-07	2.73E-07	5.19E-08	3.25E-07
661	624500.73	4265520.38	1.72E-06	5.46E-07	2.26E-06	1.44E-06	4.09E-07	1.85E-06	3.40E-07	1.05E-07	4.45E-07	2.65E-07	5.04E-08	3.16E-07
662	624490.82	4265520.24	1.67E-06	5.29E-07	2.20E-06	1.39E-06	3.96E-07	1.79E-06	3.30E-07	1.01E-07	4.31E-07	2.57E-07	4.88E-08	3.06E-07

663	624480.92	4265520.1	1.61E-06	5.12E-07	2.13E-06	1.35E-06	3.84E-07	1.73E-06	3.19E-07	9.82E-08	4.17E-07	2.49E-07	4.73E-08	2.96E-07
664	624471.01	4265519.97	1.56E-06	4.95E-07	2.05E-06	1.30E-06	3.71E-07	1.67E-06	3.09E-07	9.49E-08	4.04E-07	2.41E-07	4.57E-08	2.86E-07
665	624461.1	4265519.83	1.50E-06	4.78E-07	1.98E-06	1.26E-06	3.58E-07	1.62E-06	2.98E-07	9.16E-08	3.89E-07	2.32E-07	4.41E-08	2.76E-07
666	624451.19	4265519.69	1.45E-06	4.61E-07	1.91E-06	1.21E-06	3.45E-07	1.56E-06	2.87E-07	8.82E-08	3.75E-07	2.24E-07	4.25E-08	2.66E-07
667	624441.28	4265519.55	1.40E-06	4.43E-07	1.84E-06	1.17E-06	3.32E-07	1.50E-06	2.76E-07	8.50E-08	3.61E-07	2.15E-07	4.09E-08	2.56E-07
668	624431.37	4265519.42	1.34E-06	4.27E-07	1.77E-06	1.12E-06	3.20E-07	1.44E-06	2.66E-07	8.18E-08	3.48E-07	2.07E-07	3.94E-08	2.47E-07
669	624421.46	4265519.28	1.30E-06	4.11E-07	1.71E-06	1.08E-06	3.08E-07	1.39E-06	2.56E-07	7.88E-08	3.35E-07	2.00E-07	3.80E-08	2.38E-07
670	624411.55	4265519.14	1.25E-06	3.97E-07	1.65E-06	1.04E-06	2.97E-07	1.34E-06	2.47E-07	7.60E-08	3.23E-07	1.93E-07	3.66E-08	2.29E-07
671	624401.64	4265519	1.20E-06	3.82E-07	1.59E-06	1.01E-06	2.86E-07	1.29E-06	2.38E-07	7.33E-08	3.12E-07	1.86E-07	3.53E-08	2.21E-07
672	624391.74	4265518.87	1.16E-06	3.69E-07	1.53E-06	9.71E-07	2.76E-07	1.25E-06	2.30E-07	7.07E-08	3.01E-07	1.79E-07	3.40E-08	2.13E-07
673	624381.83	4265518.73	1.12E-06	3.56E-07	1.48E-06	9.36E-07	2.66E-07	1.20E-06	2.22E-07	6.82E-08	2.90E-07	1.73E-07	3.28E-08	2.06E-07
674	624371.92	4265518.59	1.08E-06	3.43E-07	1.42E-06	9.04E-07	2.57E-07	1.16E-06	2.14E-07	6.58E-08	2.80E-07	1.67E-07	3.17E-08	1.99E-07
675	624362.01	4265518.45	1.04E-06	3.32E-07	1.38E-06	8.73E-07	2.48E-07	1.12E-06	2.07E-07	6.35E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
676	624866.59	4265504.12	1.80E-06	5.71E-07	2.37E-06	1.50E-06	4.28E-07	1.93E-06	3.56E-07	1.09E-07	4.65E-07	2.77E-07	5.27E-08	3.30E-07
677	624875.39	4265507.92	1.79E-06	5.69E-07	2.36E-06	1.50E-06	4.26E-07	1.92E-06	3.55E-07	1.09E-07	4.64E-07	2.76E-07	5.25E-08	3.29E-07
678	624884.19	4265511.71	1.78E-06	5.65E-07	2.35E-06	1.49E-06	4.23E-07	1.91E-06	3.52E-07	1.08E-07	4.61E-07	2.75E-07	5.22E-08	3.27E-07
679	624892.99	4265515.51	1.77E-06	5.61E-07	2.33E-06	1.48E-06	4.20E-07	1.90E-06	3.49E-07	1.07E-07	4.57E-07	2.72E-07	5.17E-08	3.24E-07
680	624901.79	4265519.3	1.75E-06	5.54E-07	2.30E-06	1.46E-06	4.15E-07	1.87E-06	3.46E-07	1.06E-07	4.52E-07	2.69E-07	5.12E-08	3.21E-07
681	624910.59	4265523.1	1.72E-06	5.47E-07	2.27E-06	1.44E-06	4.09E-07	1.85E-06	3.41E-07	1.05E-07	4.46E-07	2.66E-07	5.05E-08	3.16E-07
682	624919.39	4265526.89	1.69E-06	5.38E-07	2.23E-06	1.42E-06	4.03E-07	1.82E-06	3.35E-07	1.03E-07	4.38E-07	2.61E-07	4.96E-08	3.11E-07
683	624928.18	4265530.69	1.66E-06	5.28E-07	2.19E-06	1.39E-06	3.95E-07	1.78E-06	3.29E-07	1.01E-07	4.30E-07	2.56E-07	4.87E-08	3.05E-07
684	624936.98	4265534.48	1.63E-06	5.17E-07	2.14E-06	1.36E-06	3.87E-07	1.75E-06	3.22E-07	9.90E-08	4.21E-07	2.51E-07	4.77E-08	2.99E-07
685	624945.78	4265538.28	1.59E-06	5.05E-07	2.10E-06	1.33E-06	3.78E-07	1.71E-06	3.15E-07	9.68E-08	4.12E-07	2.45E-07	4.66E-08	2.92E-07
686	624954.58	4265542.07	1.55E-06	4.93E-07	2.04E-06	1.30E-06	3.69E-07	1.67E-06	3.07E-07	9.44E-08	4.02E-07	2.39E-07	4.55E-08	2.85E-07
687	624963.38	4265545.87	1.51E-06	4.80E-07	1.99E-06	1.26E-06	3.60E-07	1.62E-06	2.99E-07	9.20E-08	3.91E-07	2.33E-07	4.43E-08	2.78E-07
688	624972.18	4265549.66	1.47E-06	4.67E-07	1.94E-06	1.23E-06	3.50E-07	1.58E-06	2.91E-07	8.96E-08	3.81E-07	2.27E-07	4.31E-08	2.70E-07
689	624984.5	4265562.37	1.43E-06	4.55E-07	1.89E-06	1.20E-06	3.40E-07	1.54E-06	2.83E-07	8.71E-08	3.70E-07	2.21E-07	4.19E-08	2.63E-07
690	624988.03	4265571.28	1.43E-06	4.54E-07	1.88E-06	1.20E-06	3.40E-07	1.54E-06	2.83E-07	8.70E-08	3.70E-07	2.21E-07	4.19E-08	2.63E-07
691	624991.56	4265580.19	1.43E-06	4.53E-07	1.88E-06	1.19E-06	3.39E-07	1.53E-06	2.82E-07	8.68E-08	3.69E-07	2.20E-07	4.18E-08	2.62E-07
692	624995.08	4265589.1	1.42E-06	4.52E-07	1.87E-06	1.19E-06	3.38E-07	1.53E-06	2.82E-07	8.66E-08	3.68E-07	2.20E-07	4.17E-08	2.61E-07
693	624998.61	4265598	1.42E-06	4.50E-07	1.87E-06	1.18E-06	3.37E-07	1.52E-06	2.80E-07	8.62E-08	3.67E-07	2.19E-07	4.15E-08	2.60E-07
694	625002.13	4265606.91	1.41E-06	4.47E-07	1.86E-06	1.18E-06	3.35E-07	1.51E-06	2.79E-07	8.57E-08	3.65E-07	2.17E-07	4.13E-08	2.59E-07
695	625005.66	4265615.82	1.40E-06	4.45E-07	1.84E-06	1.17E-06	3.33E-07	1.50E-06	2.77E-07	8.52E-08	3.62E-07	2.16E-07	4.10E-08	2.57E-07
696	625009.19	4265624.73	1.39E-06	4.41E-07	1.83E-06	1.16E-06	3.30E-07	1.49E-06	2.75E-07	8.45E-08	3.59E-07	2.14E-07	4.07E-08	2.55E-07
697	625012.71	4265633.64	1.38E-06	4.37E-07	1.81E-06	1.15E-06	3.27E-07	1.48E-06	2.72E-07	8.38E-08	3.56E-07	2.12E-07	4.03E-08	2.53E-07
698	625016.24	4265642.55	1.36E-06	4.33E-07	1.80E-06	1.14E-06	3.24E-07	1.46E-06	2.70E-07	8.29E-08	3.53E-07	2.10E-07	3.99E-08	2.50E-07
699	625019.77	4265651.46	1.35E-06	4.28E-07	1.77E-06	1.13E-06	3.20E-07	1.45E-06	2.67E-07	8.20E-08	3.49E-07	2.08E-07	3.95E-08	2.47E-07
700	625023.29	4265660.37	1.33E-06	4.22E-07	1.75E-06	1.11E-06	3.16E-07	1.43E-06	2.63E-07	8.09E-08	3.44E-07	2.05E-07	3.90E-08	2.44E-07
701	625026.82	4265669.28	1.31E-06	4.17E-07	1.73E-06	1.10E-06	3.12E-07	1.41E-06	2.60E-07	7.99E-08	3.40E-07	2.02E-07	3.85E-08	2.41E-07
702	624857.8	4265500.33	1.80E-06	5.72E-07	2.37E-06	1.51E-06	4.28E-07	1.93E-06	3.57E-07	1.10E-07	4.66E-07	2.78E-07	5.28E-08	3.31E-07
703	624847.89	4265500.19	1.83E-06	5.81E-07	2.41E-06	1.53E-06	4.35E-07	1.96E-06	3.62E-07	1.11E-07	4.73E-07	2.82E-07	5.36E-08	3.36E-07
704	624837.98	4265500.05	1.86E-06	5.89E-07	2.44E-06	1.55E-06	4.41E-07	1.99E-06	3.67E-07	1.13E-07	4.80E-07	2.86E-07	5.44E-08	3.41E-07
705	624828.07	4265499.91	1.88E-06	5.97E-07	2.48E-06	1.57E-06	4.47E-07	2.02E-06	3.72E-07	1.14E-07	4.86E-07	2.90E-07	5.51E-08	3.45E-07
706	624818.16	4265499.78	1.90E-06	6.04E-07	2.51E-06	1.59E-06	4.52E-07	2.04E-06	3.76E-07	1.16E-07	4.92E-07	2.93E-07	5.57E-08	3.49E-07
707	624808.25	4265499.64	1.92E-06	6.10E-07	2.53E-06	1.61E-06	4.57E-07	2.06E-06	3.80E-07	1.17E-07	4.97E-07	2.97E-07	5.63E-08	3.53E-07
708	624798.34	4265499.5	1.94E-06	6.16E-07	2.56E-06	1.62E-06	4.61E-07	2.08E-06	3.84E-07	1.18E-07	5.02E-07	2.99E-07	5.68E-08	3.56E-07
709	624788.43	4265499.37	1.95E-06	6.21E-07	2.58E-06	1.63E-06	4.65E-07	2.10E-06	3.87E-07	1.19E-07	5.06E-07	3.02E-07	5.73E-08	3.59E-07
710	624778.53	4265499.23	1.97E-06	6.25E-07	2.59E-06	1.64E-06	4.68E-07	2.11E-06	3.89E-07	1.20E-07	5.09E-07	3.03E-07	5.76E-08	3.61E-07
711	624768.62	4265499.09	1.98E-06	6.28E-07	2.60E-06	1.65E-06	4.70E-07	2.12E-06	3.91E-07	1.20E-07	5.11E-07	3.05E-07	5.79E-08	3.63E-07
712	624758.71	4265498.95	1.98E-06	6.30E-07	2.61E-06	1.66E-06	4.72E-07	2.13E-06	3.93E-07	1.21E-07	5.13E-07	3.06E-07	5.81E-08	3.64E-07
713	624748.8	4265498.82	1.99E-06	6.32E-07	2.62E-06	1.66E-06	4.73E-07	2.14E-06	3.94E-07	1.21E-07	5.15E-07	3.07E-07	5.83E-08	3.65E-07
714	624738.89	4265498.68	1.99E-06	6.33E-07	2.63E-06	1.67E-06	4.74E-07	2.14E-06	3.95E-07	1.21E-07	5.16E-07	3.08E-07	5.84E-08	3.66E-07
715	624728.98	4265498.54	2.00E-06	6.34E-07	2.63E-06	1.67E-06	4.75E-07	2.14E-06	3.95E-07	1.22E-07	5.17E-07	3.08E-07	5.85E-08	3.67E-07
716	624719.07	4265498.4	2.00E-06	6.35E-07	2.63E-06	1.67E-06	4.75E-07	2.15E-06	3.96E-07	1.22E-07	5.17E-07	3.08E-07	5.86E-08	3.67E-07
717	624709.16	4265498.27	2.00E-06	6.35E-07	2.63E-06	1.67E-06	4.75E-07	2.15E-06	3.96E-07	1.22E-07	5.17E-07	3.08E-07	5.86E-08	3.67E-07
718	624699.26	4265498.13	2.00E-06	6.34E-07	2.63E-06	1.67E-06	4.75E-07	2.14E-06	3.95E-07	1.21E-07	5.17E-07	3.08E-07	5.85E-08	3.67E-07
719	624689.35	4265497.99	1.99E-06	6.33E-07	2.63E-06	1.67E-06	4.74E-07	2.14E-06	3.95E-07	1.21E-07	5.16E-07	3.08E-07	5.84E-08	3.66E-07
720	624679.44	4265497.85	1.99E-06	6.31E-07	2.62E-06	1.66E-06	4.73E-07	2.13E-06	3.94E-07	1.21E-07	5.14E-07	3.07E-07	5.83E-08	3.65E-07
721	624669.53	4265497.72	1.98E-06	6.29E-07	2.61E-06	1.66E-06	4.71E-07	2.13E-06	3.92E-07	1.21E-07	5.13E-07	3.06E-07	5.81E-08	3.64E-07
722	624659.62	4265497.58	1.97E-06	6.27E-07	2.60E-06	1.65E-06	4.69E-07	2.12E-06	3.91E-07	1.20E-07	5.11E-07	3.05E-07	5.78E-08	3.62E-07
723	624649.71	4265497.44	1.96E-06	6.23E-07	2.59E-06	1.64E-06	4.67E-07	2.11E-06	3.88E-07	1.19E-07	5.08E-07	3.03E-07	5.75E-08	3.60E-07
724	624639.8	4265497.3	1.95E-06	6.19E-07	2.57E-06	1.63E-06	4.63E-07	2.09E-06	3.86E-07	1.19E-07	5.04E-07	3.01E-07	5.71E-08	3.58E-07
725	624629.89	4265497.17	1.93E-06	6.14E-07	2.55E-06	1.61E-06	4.59E-07	2.07E-06	3.82E-07	1.18E-07	5.00E-07	2.98E-07	5.66E-08	3.55E-07
726	624619.99	4265497.03	1.91E-06	6.07E-07	2.52E-06	1.60E-06	4.55E-07	2.05E-06	3.79E-07	1.16E-07	4.95E-07	2.95E-07	5.61E-08	3.51E-07
727	624610.08	4265496.89	1.89E-06	6.00E-07	2.49E-06	1.58E-06	4.50E-07	2.03E-06	3.74E-07	1.15E-07	4.89E-07	2.92E-07	5.54E-08	3.47E-07
728	624600.17	4265496.75	1.87E-06	5.93E-07	2.46E-06	1.56E-06	4.44E-07	2.00E-06	3.69E-07	1.14E-07	4.83E-07	2.88E-07	5.47E-08	3.43E-07
729	624590.26	4265496.62	1.84E-06	5.84E-07	2.42E-06	1.54E-06	4.37E-07	1.98E-06	3.64E-07	1.12E-07	4.76E-07	2.84E-07	5.39E-08	3.38E-07
730	624580.35	4265496.48	1.81E-06	5.75E-07	2.39E-06	1.51E-06	4.30E-07	1.94E-06	3.58E-07	1.10E-07	4.69E-07	2.79E-07	5.31E-08	3.32E-07
731	624570.44	4265496.34	1.78E-06	5.65E-07	2.34E-06	1.49E-06	4.23E-07	1.91E-06	3.52E-07	1.08E-07	4.60E-07	2.74E-07	5.21E-08	3.27E-07
732	624560.53	4265496.2	1.74E-06	5.54E-07	2.30E-06	1.46E-06	4.15E-07	1.87E-06	3.45E-07	1.06E-07	4.51E-07	2.69E-07	5.11E-08	3.20E-07
733	624550.62	4265496.07	1.71E-06	5.42E-07	2.25E-06	1.43E-06	4.06E-07	1.83E-06	3.38E-07	1.04E-07	4.42E-07	2.64E-07	5.01E-08	3.14E-07
734	624540.71	4265495.93	1.67E-06	5.30E-07	2.20E-06	1.40E-06	3.97E-07	1.79E-06	3.31E-07	1.02E-07	4.32E-07	2.58E-07	4.89E-08	3.07E-07
735	624530.81	4265495.79	1.63E-06	5.18E-07	2.15E-06	1.36E-06	3.88E-07	1.75E-06	3.23E-07	9.92E-08	4.22E-07	2.52E-07	4.78E-08	2.99E-07
736	624520.9	4265495.66	1.59E-06	5.05E-07	2.09E-06	1.33E-06	3.78E-07	1.71E-06	3.15E-07	9.67E-08	4.11E-07	2.45E-07	4.66E-08	2.92E-07

737	624510.99	4265495.52	1.55E-06	4.92E-07	2.04E-06	1.29E-06	3.68E-07	1.66E-06	3.06E-07	9.42E-08	4.01E-07	2.39E-07	4.54E-08	2.84E-07
738	624501.08	4265495.38	1.50E-06	4.78E-07	1.98E-06	1.26E-06	3.58E-07	1.61E-06	2.98E-07	9.15E-08	3.89E-07	2.32E-07	4.41E-08	2.76E-07
739	624491.17	4265495.24	1.46E-06	4.64E-07	1.92E-06	1.22E-06	3.47E-07	1.57E-06	2.89E-07	8.88E-08	3.78E-07	2.25E-07	4.28E-08	2.68E-07
740	624481.26	4265495.11	1.42E-06	4.50E-07	1.87E-06	1.18E-06	3.37E-07	1.52E-06	2.80E-07	8.61E-08	3.66E-07	2.18E-07	4.15E-08	2.60E-07
741	624471.35	4265494.97	1.37E-06	4.36E-07	1.81E-06	1.15E-06	3.26E-07	1.47E-06	2.71E-07	8.35E-08	3.55E-07	2.12E-07	4.02E-08	2.52E-07
742	624461.44	4265494.83	1.33E-06	4.22E-07	1.75E-06	1.11E-06	3.16E-07	1.43E-06	2.63E-07	8.08E-08	3.44E-07	2.05E-07	3.89E-08	2.44E-07
743	624451.54	4265494.69	1.28E-06	4.08E-07	1.69E-06	1.07E-06	3.05E-07	1.38E-06	2.54E-07	7.82E-08	3.32E-07	1.98E-07	3.77E-08	2.36E-07
744	624441.63	4265494.56	1.24E-06	3.95E-07	1.64E-06	1.04E-06	2.96E-07	1.33E-06	2.46E-07	7.56E-08	3.22E-07	1.92E-07	3.64E-08	2.28E-07
745	624431.72	4265494.42	1.20E-06	3.82E-07	1.58E-06	1.00E-06	2.86E-07	1.29E-06	2.38E-07	7.31E-08	3.11E-07	1.85E-07	3.52E-08	2.21E-07
746	624421.81	4265494.28	1.16E-06	3.69E-07	1.53E-06	9.72E-07	2.77E-07	1.25E-06	2.30E-07	7.08E-08	3.01E-07	1.79E-07	3.41E-08	2.14E-07
747	624411.9	4265494.14	1.13E-06	3.58E-07	1.48E-06	9.41E-07	2.68E-07	1.21E-06	2.23E-07	6.85E-08	2.91E-07	1.74E-07	3.30E-08	2.07E-07
748	624401.99	4265494.01	1.09E-06	3.46E-07	1.44E-06	9.12E-07	2.59E-07	1.17E-06	2.16E-07	6.64E-08	2.82E-07	1.68E-07	3.20E-08	2.00E-07
749	624392.08	4265493.87	1.06E-06	3.35E-07	1.39E-06	8.83E-07	2.51E-07	1.13E-06	2.09E-07	6.43E-08	2.73E-07	1.63E-07	3.10E-08	1.94E-07
750	624382.17	4265493.73	1.02E-06	3.25E-07	1.35E-06	8.55E-07	2.43E-07	1.10E-06	2.02E-07	6.22E-08	2.65E-07	1.58E-07	3.00E-08	1.88E-07
751	624372.27	4265493.59	9.91E-07	3.15E-07	1.31E-06	8.28E-07	2.36E-07	1.06E-06	1.96E-07	6.03E-08	2.56E-07	1.53E-07	2.90E-08	1.82E-07
752	624362.36	4265493.46	9.60E-07	3.05E-07	1.26E-06	8.02E-07	2.28E-07	1.03E-06	1.90E-07	5.84E-08	2.48E-07	1.48E-07	2.81E-08	1.76E-07
753	624866.94	4265479.12	1.65E-06	5.24E-07	2.17E-06	1.38E-06	3.92E-07	1.77E-06	3.26E-07	1.00E-07	4.27E-07	2.54E-07	4.83E-08	3.03E-07
754	624875.74	4265482.92	1.65E-06	5.23E-07	2.17E-06	1.38E-06	3.91E-07	1.77E-06	3.26E-07	1.00E-07	4.26E-07	2.54E-07	4.82E-08	3.02E-07
755	624884.54	4265486.71	1.64E-06	5.21E-07	2.16E-06	1.37E-06	3.90E-07	1.76E-06	3.25E-07	9.98E-08	4.24E-07	2.53E-07	4.80E-08	3.01E-07
756	624893.34	4265490.51	1.63E-06	5.18E-07	2.15E-06	1.36E-06	3.88E-07	1.75E-06	3.23E-07	9.92E-08	4.22E-07	2.52E-07	4.78E-08	2.99E-07
757	624902.14	4265494.3	1.62E-06	5.14E-07	2.13E-06	1.35E-06	3.85E-07	1.74E-06	3.20E-07	9.84E-08	4.18E-07	2.50E-07	4.74E-08	2.97E-07
758	624910.93	4265498.1	1.60E-06	5.08E-07	2.11E-06	1.34E-06	3.81E-07	1.72E-06	3.17E-07	9.74E-08	4.14E-07	2.47E-07	4.69E-08	2.94E-07
759	624919.73	4265501.89	1.58E-06	5.02E-07	2.08E-06	1.32E-06	3.76E-07	1.70E-06	3.13E-07	9.62E-08	4.09E-07	2.44E-07	4.63E-08	2.90E-07
760	624928.53	4265505.69	1.56E-06	4.95E-07	2.05E-06	1.30E-06	3.70E-07	1.67E-06	3.08E-07	9.48E-08	4.03E-07	2.40E-07	4.56E-08	2.86E-07
761	624937.33	4265509.48	1.53E-06	4.86E-07	2.02E-06	1.28E-06	3.64E-07	1.64E-06	3.03E-07	9.32E-08	3.96E-07	2.36E-07	4.49E-08	2.81E-07
762	624946.13	4265513.28	1.50E-06	4.77E-07	1.98E-06	1.26E-06	3.57E-07	1.61E-06	2.97E-07	9.14E-08	3.89E-07	2.32E-07	4.40E-08	2.76E-07
763	624954.93	4265517.07	1.47E-06	4.67E-07	1.94E-06	1.23E-06	3.50E-07	1.58E-06	2.91E-07	8.95E-08	3.81E-07	2.27E-07	4.31E-08	2.70E-07
764	624963.73	4265520.87	1.44E-06	4.57E-07	1.90E-06	1.20E-06	3.42E-07	1.54E-06	2.85E-07	8.75E-08	3.72E-07	2.22E-07	4.22E-08	2.64E-07
765	624972.52	4265524.66	1.40E-06	4.46E-07	1.85E-06	1.17E-06	3.34E-07	1.51E-06	2.78E-07	8.55E-08	3.64E-07	2.17E-07	4.12E-08	2.58E-07
766	624981.32	4265528.46	1.37E-06	4.35E-07	1.81E-06	1.15E-06	3.26E-07	1.47E-06	2.71E-07	8.34E-08	3.55E-07	2.11E-07	4.02E-08	2.52E-07
767	624990.12	4265532.25	1.34E-06	4.24E-07	1.76E-06	1.12E-06	3.17E-07	1.43E-06	2.64E-07	8.12E-08	3.46E-07	2.06E-07	3.91E-08	2.45E-07
768	625002.45	4265544.96	1.30E-06	4.13E-07	1.71E-06	1.09E-06	3.09E-07	1.40E-06	2.57E-07	7.91E-08	3.36E-07	2.01E-07	3.81E-08	2.39E-07
769	625005.97	4265553.87	1.30E-06	4.12E-07	1.71E-06	1.08E-06	3.09E-07	1.39E-06	2.57E-07	7.90E-08	3.36E-07	2.00E-07	3.80E-08	2.38E-07
770	625009.5	4265562.78	1.30E-06	4.11E-07	1.71E-06	1.08E-06	3.08E-07	1.39E-06	2.56E-07	7.88E-08	3.35E-07	2.00E-07	3.80E-08	2.38E-07
771	625013.03	4265571.69	1.29E-06	4.10E-07	1.70E-06	1.08E-06	3.07E-07	1.39E-06	2.56E-07	7.86E-08	3.34E-07	1.99E-07	3.78E-08	2.37E-07
772	625016.55	4265580.6	1.29E-06	4.08E-07	1.69E-06	1.07E-06	3.06E-07	1.38E-06	2.55E-07	7.83E-08	3.33E-07	1.98E-07	3.77E-08	2.36E-07
773	625020.08	4265589.51	1.28E-06	4.06E-07	1.69E-06	1.07E-06	3.04E-07	1.37E-06	2.53E-07	7.79E-08	3.31E-07	1.97E-07	3.75E-08	2.35E-07
774	625023.6	4265598.42	1.27E-06	4.04E-07	1.68E-06	1.06E-06	3.02E-07	1.37E-06	2.52E-07	7.74E-08	3.29E-07	1.96E-07	3.73E-08	2.34E-07
775	625027.13	4265607.33	1.26E-06	4.01E-07	1.66E-06	1.06E-06	3.00E-07	1.36E-06	2.50E-07	7.69E-08	3.27E-07	1.95E-07	3.70E-08	2.32E-07
776	625030.66	4265616.24	1.25E-06	3.98E-07	1.65E-06	1.05E-06	2.98E-07	1.35E-06	2.48E-07	7.62E-08	3.24E-07	1.93E-07	3.67E-08	2.30E-07
777	625034.18	4265625.14	1.24E-06	3.94E-07	1.64E-06	1.04E-06	2.95E-07	1.33E-06	2.46E-07	7.55E-08	3.21E-07	1.92E-07	3.64E-08	2.28E-07
778	625037.71	4265634.05	1.23E-06	3.90E-07	1.62E-06	1.03E-06	2.92E-07	1.32E-06	2.43E-07	7.48E-08	3.18E-07	1.90E-07	3.60E-08	2.26E-07
779	625041.24	4265642.96	1.22E-06	3.86E-07	1.60E-06	1.02E-06	2.89E-07	1.30E-06	2.41E-07	7.39E-08	3.14E-07	1.88E-07	3.56E-08	2.23E-07
780	625044.76	4265651.87	1.20E-06	3.81E-07	1.58E-06	1.00E-06	2.85E-07	1.29E-06	2.38E-07	7.30E-08	3.11E-07	1.85E-07	3.52E-08	2.20E-07
781	625048.29	4265660.78	1.18E-06	3.76E-07	1.56E-06	9.90E-07	2.82E-07	1.27E-06	2.34E-07	7.21E-08	3.07E-07	1.83E-07	3.47E-08	2.18E-07
782	625051.82	4265669.69	1.17E-06	3.71E-07	1.54E-06	9.76E-07	2.78E-07	1.25E-06	2.31E-07	7.11E-08	3.02E-07	1.80E-07	3.42E-08	2.14E-07
783	624858.14	4265475.33	1.65E-06	5.24E-07	2.17E-06	1.38E-06	3.92E-07	1.77E-06	3.26E-07	1.00E-07	4.27E-07	2.54E-07	4.83E-08	3.03E-07
784	624848.23	4265475.19	1.67E-06	5.31E-07	2.20E-06	1.40E-06	3.97E-07	1.79E-06	3.31E-07	1.02E-07	4.33E-07	2.58E-07	4.90E-08	3.07E-07
785	624838.33	4265475.05	1.69E-06	5.37E-07	2.23E-06	1.41E-06	4.02E-07	1.82E-06	3.35E-07	1.03E-07	4.38E-07	2.61E-07	4.96E-08	3.11E-07
786	624828.42	4265474.92	1.71E-06	5.44E-07	2.26E-06	1.43E-06	4.07E-07	1.84E-06	3.39E-07	1.04E-07	4.43E-07	2.64E-07	5.02E-08	3.14E-07
787	624818.51	4265474.78	1.73E-06	5.49E-07	2.28E-06	1.45E-06	4.11E-07	1.86E-06	3.42E-07	1.05E-07	4.48E-07	2.67E-07	5.07E-08	3.18E-07
788	624808.6	4265474.64	1.75E-06	5.54E-07	2.30E-06	1.46E-06	4.15E-07	1.87E-06	3.45E-07	1.06E-07	4.52E-07	2.69E-07	5.12E-08	3.20E-07
789	624798.69	4265474.5	1.76E-06	5.59E-07	2.32E-06	1.47E-06	4.18E-07	1.89E-06	3.48E-07	1.07E-07	4.55E-07	2.71E-07	5.16E-08	3.23E-07
790	624788.78	4265474.37	1.77E-06	5.62E-07	2.33E-06	1.48E-06	4.21E-07	1.90E-06	3.51E-07	1.08E-07	4.58E-07	2.73E-07	5.19E-08	3.25E-07
791	624778.87	4265474.23	1.78E-06	5.65E-07	2.35E-06	1.49E-06	4.23E-07	1.91E-06	3.52E-07	1.08E-07	4.61E-07	2.75E-07	5.22E-08	3.27E-07
792	624768.96	4265474.09	1.79E-06	5.68E-07	2.36E-06	1.49E-06	4.25E-07	1.92E-06	3.54E-07	1.09E-07	4.63E-07	2.76E-07	5.24E-08	3.28E-07
793	624759.06	4265473.96	1.79E-06	5.69E-07	2.36E-06	1.50E-06	4.26E-07	1.93E-06	3.55E-07	1.09E-07	4.64E-07	2.77E-07	5.26E-08	3.29E-07
794	624749.15	4265473.82	1.80E-06	5.70E-07	2.37E-06	1.50E-06	4.27E-07	1.93E-06	3.56E-07	1.09E-07	4.65E-07	2.77E-07	5.26E-08	3.30E-07
795	624739.24	4265473.68	1.80E-06	5.71E-07	2.37E-06	1.50E-06	4.27E-07	1.93E-06	3.56E-07	1.09E-07	4.65E-07	2.77E-07	5.27E-08	3.30E-07
796	624729.33	4265473.54	1.80E-06	5.71E-07	2.37E-06	1.50E-06	4.27E-07	1.93E-06	3.56E-07	1.09E-07	4.65E-07	2.77E-07	5.27E-08	3.30E-07
797	624719.42	4265473.41	1.80E-06	5.70E-07	2.37E-06	1.50E-06	4.27E-07	1.93E-06	3.55E-07	1.09E-07	4.65E-07	2.77E-07	5.26E-08	3.30E-07
798	624709.51	4265473.27	1.79E-06	5.69E-07	2.36E-06	1.50E-06	4.26E-07	1.92E-06	3.55E-07	1.09E-07	4.64E-07	2.77E-07	5.25E-08	3.29E-07
799	624699.6	4265473.13	1.79E-06	5.68E-07	2.36E-06	1.49E-06	4.25E-07	1.92E-06	3.54E-07	1.09E-07	4.63E-07	2.76E-07	5.24E-08	3.28E-07
800	624689.69	4265472.99	1.78E-06	5.66E-07	2.35E-06	1.49E-06	4.24E-07	1.91E-06	3.53E-07	1.08E-07	4.61E-07	2.75E-07	5.22E-08	3.27E-07
801	624679.78	4265472.86	1.77E-06	5.64E-07	2.34E-06	1.48E-06	4.22E-07	1.91E-06	3.51E-07	1.08E-07	4.59E-07	2.74E-07	5.20E-08	3.26E-07
802	624669.88	4265472.72	1.77E-06	5.61E-07	2.33E-06	1.48E-06	4.20E-07	1.90E-06	3.50E-07	1.07E-07	4.57E-07	2.73E-07	5.18E-08	3.24E-07
803	624659.97	4265472.58	1.76E-06	5.58E-07	2.31E-06	1.47E-06	4.17E-07	1.89E-06	3.48E-07	1.07E-07	4.54E-07	2.71E-07	5.15E-08	3.22E-07
804	624650.06	4265472.44	1.74E-06	5.54E-07	2.30E-06	1.46E-06	4.15E-07	1.87E-06	3.45E-07	1.06E-07	4.51E-07	2.69E-07	5.11E-08	3.20E-07
805	624640.15	4265472.31	1.73E-06	5.49E-07	2.28E-06	1.45E-06	4.11E-07	1.86E-06	3.42E-07	1.05E-07	4.48E-07	2.67E-07	5.07E-08	3.18E-07
806	624630.24	4265472.17	1.71E-06	5.44E-07	2.26E-06	1.43E-06	4.08E-07	1.84E-06	3.39E-07	1.04E-07	4.44E-07	2.64E-07	5.02E-08	3.15E-07
807	624620.33	4265472.03	1.70E-06	5.38E-07	2.23E-06	1.42E-06	4.03E-07	1.82E-06	3.36E-07	1.03E-07	4.39E-07	2.62E-07	4.97E-08	3.11E-07
808	624610.42	4265471.89	1.67E-06	5.32E-07	2.21E-06	1.40E-06	3.98E-07	1.80E-06	3.31E-07	1.02E-07	4.33E-07	2.58E-07	4.91E-08	3.07E-07
809	624600.51	4265471.76	1.65E-06	5.25E-07	2.18E-06	1.38E-06	3.93E-07	1.77E-06	3.27E-07	1.01E-07	4.27E-07	2.55E-07	4.84E-08	3.03E-07
810	624590.61	4265471.62	1.63E-06	5.17E-07	2.14E-06	1.36E-06	3.87E-07	1.75E-06	3.22E-07	9.90E-08	4.21E-07	2.51E-07	4.77E-08	2.99E-07

811	624580.7	4265471.48	1.60E-06	5.08E-07	2.11E-06	1.34E-06	3.81E-07	1.72E-06	3.17E-07	9.74E-08	4.14E-07	2.47E-07	4.69E-08	2.94E-07
812	624570.79	4265471.34	1.57E-06	4.99E-07	2.07E-06	1.31E-06	3.74E-07	1.69E-06	3.11E-07	9.56E-08	4.07E-07	2.43E-07	4.61E-08	2.89E-07
813	624560.88	4265471.21	1.54E-06	4.90E-07	2.03E-06	1.29E-06	3.67E-07	1.65E-06	3.05E-07	9.38E-08	3.99E-07	2.38E-07	4.52E-08	2.83E-07
814	624550.97	4265471.07	1.51E-06	4.79E-07	1.99E-06	1.26E-06	3.59E-07	1.62E-06	2.99E-07	9.18E-08	3.90E-07	2.33E-07	4.42E-08	2.77E-07
815	624541.06	4265470.93	1.48E-06	4.68E-07	1.94E-06	1.23E-06	3.51E-07	1.58E-06	2.92E-07	8.98E-08	3.82E-07	2.28E-07	4.32E-08	2.71E-07
816	624531.15	4265470.8	1.44E-06	4.57E-07	1.90E-06	1.20E-06	3.42E-07	1.55E-06	2.85E-07	8.76E-08	3.73E-07	2.22E-07	4.22E-08	2.64E-07
817	624521.24	4265470.66	1.40E-06	4.46E-07	1.85E-06	1.17E-06	3.34E-07	1.51E-06	2.78E-07	8.55E-08	3.64E-07	2.17E-07	4.12E-08	2.58E-07
818	624511.34	4265470.52	1.37E-06	4.35E-07	1.80E-06	1.14E-06	3.25E-07	1.47E-06	2.71E-07	8.33E-08	3.54E-07	2.11E-07	4.01E-08	2.51E-07
819	624501.43	4265470.38	1.33E-06	4.23E-07	1.76E-06	1.11E-06	3.17E-07	1.43E-06	2.64E-07	8.11E-08	3.45E-07	2.06E-07	3.90E-08	2.45E-07
820	624491.52	4265470.25	1.30E-06	4.11E-07	1.71E-06	1.08E-06	3.08E-07	1.39E-06	2.56E-07	7.88E-08	3.35E-07	2.00E-07	3.80E-08	2.38E-07
821	624481.61	4265470.11	1.26E-06	4.00E-07	1.66E-06	1.05E-06	2.99E-07	1.35E-06	2.49E-07	7.66E-08	3.26E-07	1.94E-07	3.69E-08	2.31E-07
822	624471.7	4265469.97	1.22E-06	3.88E-07	1.61E-06	1.02E-06	2.91E-07	1.31E-06	2.42E-07	7.44E-08	3.16E-07	1.89E-07	3.58E-08	2.24E-07
823	624461.79	4265469.83	1.19E-06	3.77E-07	1.56E-06	9.92E-07	2.82E-07	1.27E-06	2.35E-07	7.22E-08	3.07E-07	1.83E-07	3.48E-08	2.18E-07
824	624451.88	4265469.7	1.15E-06	3.66E-07	1.52E-06	9.63E-07	2.74E-07	1.24E-06	2.28E-07	7.01E-08	2.98E-07	1.78E-07	3.38E-08	2.12E-07
825	624441.97	4265469.56	1.12E-06	3.55E-07	1.47E-06	9.35E-07	2.66E-07	1.20E-06	2.22E-07	6.81E-08	2.90E-07	1.73E-07	3.28E-08	2.05E-07
826	624432.06	4265469.42	1.09E-06	3.45E-07	1.43E-06	9.08E-07	2.58E-07	1.17E-06	2.15E-07	6.61E-08	2.81E-07	1.68E-07	3.18E-08	2.00E-07
827	624422.16	4265469.28	1.06E-06	3.35E-07	1.39E-06	8.82E-07	2.51E-07	1.13E-06	2.09E-07	6.42E-08	2.73E-07	1.63E-07	3.09E-08	1.94E-07
828	624412.25	4265469.15	1.03E-06	3.26E-07	1.35E-06	8.57E-07	2.44E-07	1.10E-06	2.03E-07	6.24E-08	2.65E-07	1.58E-07	3.00E-08	1.88E-07
829	624402.34	4265469.01	9.96E-07	3.16E-07	1.31E-06	8.32E-07	2.37E-07	1.07E-06	1.97E-07	6.06E-08	2.58E-07	1.54E-07	2.92E-08	1.83E-07
830	624392.43	4265468.87	9.67E-07	3.07E-07	1.27E-06	8.09E-07	2.30E-07	1.04E-06	1.91E-07	5.89E-08	2.50E-07	1.49E-07	2.84E-08	1.78E-07
831	624382.52	4265468.73	9.40E-07	2.98E-07	1.24E-06	7.85E-07	2.23E-07	1.01E-06	1.86E-07	5.72E-08	2.43E-07	1.45E-07	2.75E-08	1.73E-07
832	624372.61	4265468.6	9.13E-07	2.90E-07	1.20E-06	7.63E-07	2.17E-07	9.80E-07	1.81E-07	5.55E-08	2.36E-07	1.41E-07	2.68E-08	1.68E-07
833	624362.7	4265468.46	8.87E-07	2.82E-07	1.17E-06	7.41E-07	2.11E-07	9.52E-07	1.76E-07	5.40E-08	2.30E-07	1.37E-07	2.60E-08	1.63E-07
834	624867.29	4265454.13	1.52E-06	4.82E-07	2.00E-06	1.27E-06	3.61E-07	1.63E-06	3.00E-07	9.24E-08	3.93E-07	2.34E-07	4.45E-08	2.79E-07
835	624876.09	4265457.92	1.52E-06	4.82E-07	2.00E-06	1.27E-06	3.61E-07	1.63E-06	3.00E-07	9.23E-08	3.93E-07	2.34E-07	4.45E-08	2.79E-07
836	624884.89	4265461.72	1.51E-06	4.81E-07	2.00E-06	1.27E-06	3.60E-07	1.63E-06	3.00E-07	9.21E-08	3.92E-07	2.34E-07	4.44E-08	2.78E-07
837	624893.68	4265465.51	1.51E-06	4.79E-07	1.99E-06	1.26E-06	3.59E-07	1.62E-06	2.99E-07	9.18E-08	3.91E-07	2.33E-07	4.42E-08	2.77E-07
838	624902.48	4265469.31	1.50E-06	4.77E-07	1.98E-06	1.25E-06	3.57E-07	1.61E-06	2.97E-07	9.13E-08	3.88E-07	2.32E-07	4.40E-08	2.76E-07
839	624911.28	4265473.1	1.49E-06	4.73E-07	1.96E-06	1.25E-06	3.54E-07	1.60E-06	2.95E-07	9.06E-08	3.85E-07	2.30E-07	4.37E-08	2.74E-07
840	624920.08	4265476.9	1.48E-06	4.69E-07	1.94E-06	1.23E-06	3.51E-07	1.58E-06	2.92E-07	8.98E-08	3.82E-07	2.28E-07	4.32E-08	2.71E-07
841	624928.88	4265480.69	1.46E-06	4.63E-07	1.92E-06	1.22E-06	3.47E-07	1.57E-06	2.89E-07	8.88E-08	3.78E-07	2.25E-07	4.28E-08	2.68E-07
842	624937.68	4265484.49	1.44E-06	4.57E-07	1.90E-06	1.20E-06	3.42E-07	1.55E-06	2.85E-07	8.76E-08	3.72E-07	2.22E-07	4.22E-08	2.64E-07
843	624946.47	4265488.28	1.42E-06	4.50E-07	1.87E-06	1.18E-06	3.37E-07	1.52E-06	2.80E-07	8.62E-08	3.67E-07	2.19E-07	4.15E-08	2.60E-07
844	624955.27	4265492.08	1.39E-06	4.42E-07	1.83E-06	1.16E-06	3.31E-07	1.50E-06	2.76E-07	8.47E-08	3.60E-07	2.15E-07	4.08E-08	2.56E-07
845	624964.07	4265495.87	1.37E-06	4.34E-07	1.80E-06	1.14E-06	3.25E-07	1.47E-06	2.70E-07	8.31E-08	3.54E-07	2.11E-07	4.00E-08	2.51E-07
846	624972.87	4265499.67	1.34E-06	4.25E-07	1.76E-06	1.12E-06	3.18E-07	1.44E-06	2.65E-07	8.14E-08	3.46E-07	2.07E-07	3.92E-08	2.46E-07
847	624981.67	4265503.46	1.31E-06	4.16E-07	1.73E-06	1.09E-06	3.11E-07	1.41E-06	2.59E-07	7.97E-08	3.39E-07	2.02E-07	3.84E-08	2.40E-07
848	624990.47	4265507.26	1.28E-06	4.06E-07	1.69E-06	1.07E-06	3.04E-07	1.37E-06	2.53E-07	7.79E-08	3.31E-07	1.97E-07	3.75E-08	2.35E-07
849	624999.27	4265511.05	1.25E-06	3.97E-07	1.65E-06	1.04E-06	2.97E-07	1.34E-06	2.47E-07	7.60E-08	3.23E-07	1.93E-07	3.66E-08	2.29E-07
850	625008.06	4265514.85	1.22E-06	3.87E-07	1.61E-06	1.02E-06	2.90E-07	1.31E-06	2.41E-07	7.41E-08	3.15E-07	1.88E-07	3.57E-08	2.24E-07
851	625020.39	4265527.55	1.19E-06	3.77E-07	1.56E-06	9.92E-07	2.82E-07	1.27E-06	2.35E-07	7.22E-08	3.07E-07	1.83E-07	3.48E-08	2.18E-07
852	625023.92	4265536.46	1.19E-06	3.76E-07	1.56E-06	9.90E-07	2.82E-07	1.27E-06	2.35E-07	7.21E-08	3.07E-07	1.83E-07	3.47E-08	2.18E-07
853	625027.44	4265545.37	1.18E-06	3.76E-07	1.56E-06	9.88E-07	2.81E-07	1.27E-06	2.34E-07	7.19E-08	3.06E-07	1.82E-07	3.47E-08	2.17E-07
854	625030.97	4265554.28	1.18E-06	3.74E-07	1.55E-06	9.85E-07	2.80E-07	1.27E-06	2.33E-07	7.17E-08	3.05E-07	1.82E-07	3.46E-08	2.16E-07
855	625034.5	4265563.19	1.17E-06	3.73E-07	1.55E-06	9.81E-07	2.79E-07	1.26E-06	2.32E-07	7.15E-08	3.04E-07	1.81E-07	3.44E-08	2.16E-07
856	625038.02	4265572.1	1.17E-06	3.71E-07	1.54E-06	9.77E-07	2.78E-07	1.25E-06	2.31E-07	7.11E-08	3.02E-07	1.80E-07	3.43E-08	2.15E-07
857	625041.55	4265581.01	1.16E-06	3.69E-07	1.53E-06	9.72E-07	2.76E-07	1.25E-06	2.30E-07	7.07E-08	3.01E-07	1.79E-07	3.41E-08	2.13E-07
858	625045.07	4265589.92	1.15E-06	3.67E-07	1.52E-06	9.65E-07	2.75E-07	1.24E-06	2.29E-07	7.03E-08	2.99E-07	1.78E-07	3.38E-08	2.12E-07
859	625048.6	4265598.83	1.15E-06	3.64E-07	1.51E-06	9.58E-07	2.73E-07	1.23E-06	2.27E-07	6.98E-08	2.97E-07	1.77E-07	3.36E-08	2.10E-07
860	625052.13	4265607.74	1.14E-06	3.61E-07	1.50E-06	9.50E-07	2.70E-07	1.22E-06	2.25E-07	6.92E-08	2.94E-07	1.75E-07	3.33E-08	2.09E-07
861	625055.65	4265616.65	1.13E-06	3.58E-07	1.48E-06	9.42E-07	2.68E-07	1.21E-06	2.23E-07	6.85E-08	2.92E-07	1.74E-07	3.30E-08	2.07E-07
862	625059.18	4265625.56	1.12E-06	3.54E-07	1.47E-06	9.32E-07	2.65E-07	1.20E-06	2.21E-07	6.79E-08	2.89E-07	1.72E-07	3.27E-08	2.05E-07
863	625062.71	4265634.47	1.10E-06	3.50E-07	1.45E-06	9.22E-07	2.62E-07	1.18E-06	2.18E-07	6.71E-08	2.85E-07	1.70E-07	3.23E-08	2.03E-07
864	625066.23	4265643.38	1.09E-06	3.46E-07	1.44E-06	9.11E-07	2.59E-07	1.17E-06	2.16E-07	6.63E-08	2.82E-07	1.68E-07	3.19E-08	2.00E-07
865	625069.76	4265652.29	1.08E-06	3.42E-07	1.42E-06	8.99E-07	2.56E-07	1.16E-06	2.13E-07	6.55E-08	2.78E-07	1.66E-07	3.15E-08	1.98E-07
866	625073.29	4265661.19	1.06E-06	3.37E-07	1.40E-06	8.87E-07	2.52E-07	1.14E-06	2.10E-07	6.46E-08	2.75E-07	1.64E-07	3.11E-08	1.95E-07
867	625076.81	4265670.1	1.05E-06	3.32E-07	1.38E-06	8.74E-07	2.49E-07	1.12E-06	2.07E-07	6.37E-08	2.71E-07	1.61E-07	3.07E-08	1.92E-07
868	624858.49	4265450.33	1.52E-06	4.82E-07	2.00E-06	1.27E-06	3.61E-07	1.63E-06	3.00E-07	9.23E-08	3.93E-07	2.34E-07	4.45E-08	2.79E-07
869	624848.58	4265450.19	1.53E-06	4.87E-07	2.02E-06	1.28E-06	3.65E-07	1.65E-06	3.04E-07	9.34E-08	3.97E-07	2.37E-07	4.50E-08	2.82E-07
870	624838.67	4265450.06	1.55E-06	4.93E-07	2.04E-06	1.30E-06	3.69E-07	1.67E-06	3.07E-07	9.44E-08	4.02E-07	2.39E-07	4.55E-08	2.85E-07
871	624828.76	4265449.92	1.57E-06	4.98E-07	2.06E-06	1.31E-06	3.73E-07	1.68E-06	3.10E-07	9.54E-08	4.06E-07	2.42E-07	4.59E-08	2.88E-07
872	624818.85	4265449.78	1.58E-06	5.02E-07	2.08E-06	1.32E-06	3.76E-07	1.70E-06	3.13E-07	9.62E-08	4.09E-07	2.44E-07	4.64E-08	2.90E-07
873	624808.95	4265449.64	1.59E-06	5.06E-07	2.10E-06	1.33E-06	3.79E-07	1.71E-06	3.16E-07	9.70E-08	4.13E-07	2.46E-07	4.67E-08	2.93E-07
874	624799.04	4265449.51	1.61E-06	5.10E-07	2.11E-06	1.34E-06	3.82E-07	1.72E-06	3.18E-07	9.77E-08	4.15E-07	2.48E-07	4.70E-08	2.95E-07
875	624789.13	4265449.37	1.61E-06	5.13E-07	2.13E-06	1.35E-06	3.84E-07	1.73E-06	3.19E-07	9.82E-08	4.18E-07	2.49E-07	4.73E-08	2.96E-07
876	624779.22	4265449.23	1.62E-06	5.15E-07	2.14E-06	1.36E-06	3.85E-07	1.74E-06	3.21E-07	9.86E-08	4.20E-07	2.50E-07	4.75E-08	2.98E-07
877	624769.31	4265449.1	1.63E-06	5.16E-07	2.14E-06	1.36E-06	3.87E-07	1.75E-06	3.22E-07	9.90E-08	4.21E-07	2.51E-07	4.77E-08	2.99E-07
878	624759.4	4265448.96	1.63E-06	5.17E-07	2.15E-06	1.36E-06	3.87E-07	1.75E-06	3.23E-07	9.91E-08	4.22E-07	2.51E-07	4.78E-08	2.99E-07
879	624749.49	4265448.82	1.63E-06	5.18E-07	2.15E-06	1.36E-06	3.88E-07	1.75E-06	3.23E-07	9.92E-08	4.22E-07	2.52E-07	4.78E-08	2.99E-07
880	624739.58	4265448.68	1.63E-06	5.17E-07	2.15E-06	1.36E-06	3.87E-07	1.75E-06	3.23E-07	9.91E-08	4.22E-07	2.51E-07	4.78E-08	2.99E-07
881	624729.68	4265448.55	1.63E-06	5.17E-07	2.14E-06	1.36E-06	3.87E-07	1.75E-06	3.22E-07	9.90E-08	4.21E-07	2.51E-07	4.77E-08	2.99E-07
882	624719.77	4265448.41	1.62E-06	5.15E-07	2.14E-06	1.36E-06	3.86E-07	1.74E-06	3.21E-07	9.87E-08	4.20E-07	2.50E-07	4.75E-08	2.98E-07
883	624709.86	4265448.27	1.62E-06	5.14E-07	2.13E-06	1.35E-06	3.84E-07	1.74E-06	3.20E-07	9.84E-08	4.18E-07	2.50E-07	4.74E-08	2.97E-07
884	624699.95	4265448.13	1.61E-06	5.12E-07	2.12E-06	1.35E-06	3.83E-07	1.73E-06	3.19E-07	9.80E-08	4.17E-07	2.49E-07	4.72E-08	2.96E-07

885	624690.04	4265448	1.60E-06	5.09E-07	2.11E-06	1.34E-06	3.81E-07	1.72E-06	3.17E-07	9.76E-08	4.15E-07	2.47E-07	4.70E-08	2.94E-07
886	624680.13	4265447.86	1.59E-06	5.06E-07	2.10E-06	1.33E-06	3.79E-07	1.71E-06	3.16E-07	9.70E-08	4.13E-07	2.46E-07	4.67E-08	2.93E-07
887	624670.22	4265447.72	1.58E-06	5.03E-07	2.09E-06	1.32E-06	3.77E-07	1.70E-06	3.14E-07	9.64E-08	4.10E-07	2.44E-07	4.64E-08	2.91E-07
888	624660.31	4265447.58	1.57E-06	4.99E-07	2.07E-06	1.31E-06	3.74E-07	1.69E-06	3.11E-07	9.57E-08	4.07E-07	2.43E-07	4.61E-08	2.89E-07
889	624650.4	4265447.45	1.56E-06	4.96E-07	2.06E-06	1.30E-06	3.71E-07	1.68E-06	3.09E-07	9.49E-08	4.04E-07	2.41E-07	4.57E-08	2.86E-07
890	624640.5	4265447.31	1.55E-06	4.91E-07	2.04E-06	1.29E-06	3.68E-07	1.66E-06	3.06E-07	9.41E-08	4.00E-07	2.39E-07	4.53E-08	2.84E-07
891	624630.59	4265447.17	1.53E-06	4.86E-07	2.02E-06	1.28E-06	3.64E-07	1.64E-06	3.03E-07	9.31E-08	3.96E-07	2.36E-07	4.49E-08	2.81E-07
892	624620.68	4265447.03	1.51E-06	4.80E-07	1.99E-06	1.26E-06	3.60E-07	1.62E-06	2.99E-07	9.21E-08	3.92E-07	2.33E-07	4.43E-08	2.78E-07
893	624610.77	4265446.9	1.49E-06	4.74E-07	1.97E-06	1.25E-06	3.55E-07	1.60E-06	2.96E-07	9.09E-08	3.87E-07	2.30E-07	4.38E-08	2.74E-07
894	624600.86	4265446.76	1.47E-06	4.68E-07	1.94E-06	1.23E-06	3.50E-07	1.58E-06	2.91E-07	8.96E-08	3.81E-07	2.27E-07	4.32E-08	2.70E-07
895	624590.95	4265446.62	1.45E-06	4.60E-07	1.91E-06	1.21E-06	3.45E-07	1.56E-06	2.87E-07	8.82E-08	3.75E-07	2.24E-07	4.25E-08	2.66E-07
896	624581.04	4265446.48	1.43E-06	4.53E-07	1.88E-06	1.19E-06	3.39E-07	1.53E-06	2.82E-07	8.67E-08	3.69E-07	2.20E-07	4.18E-08	2.62E-07
897	624571.13	4265446.35	1.40E-06	4.45E-07	1.84E-06	1.17E-06	3.33E-07	1.50E-06	2.77E-07	8.52E-08	3.62E-07	2.16E-07	4.10E-08	2.57E-07
898	624561.23	4265446.21	1.37E-06	4.36E-07	1.81E-06	1.15E-06	3.26E-07	1.47E-06	2.72E-07	8.35E-08	3.55E-07	2.12E-07	4.02E-08	2.52E-07
899	624551.32	4265446.07	1.34E-06	4.27E-07	1.77E-06	1.12E-06	3.20E-07	1.44E-06	2.66E-07	8.18E-08	3.48E-07	2.07E-07	3.94E-08	2.47E-07
900	624541.41	4265445.93	1.31E-06	4.17E-07	1.73E-06	1.10E-06	3.13E-07	1.41E-06	2.60E-07	8.00E-08	3.40E-07	2.03E-07	3.85E-08	2.41E-07
901	624531.5	4265445.8	1.28E-06	4.08E-07	1.69E-06	1.07E-06	3.05E-07	1.38E-06	2.54E-07	7.81E-08	3.32E-07	1.98E-07	3.76E-08	2.36E-07
902	624521.59	4265445.66	1.25E-06	3.98E-07	1.65E-06	1.05E-06	2.98E-07	1.35E-06	2.48E-07	7.63E-08	3.24E-07	1.93E-07	3.67E-08	2.30E-07
903	624511.68	4265445.52	1.22E-06	3.88E-07	1.61E-06	1.02E-06	2.91E-07	1.31E-06	2.42E-07	7.44E-08	3.17E-07	1.89E-07	3.59E-08	2.25E-07
904	624501.77	4265445.39	1.19E-06	3.79E-07	1.57E-06	9.97E-07	2.84E-07	1.28E-06	2.36E-07	7.26E-08	3.09E-07	1.84E-07	3.50E-08	2.19E-07
905	624491.86	4265445.25	1.16E-06	3.69E-07	1.53E-06	9.71E-07	2.76E-07	1.25E-06	2.30E-07	7.07E-08	3.01E-07	1.79E-07	3.41E-08	2.13E-07
906	624481.96	4265445.11	1.13E-06	3.59E-07	1.49E-06	9.46E-07	2.69E-07	1.21E-06	2.24E-07	6.88E-08	2.93E-07	1.75E-07	3.32E-08	2.08E-07
907	624472.05	4265444.97	1.10E-06	3.50E-07	1.45E-06	9.21E-07	2.62E-07	1.18E-06	2.18E-07	6.70E-08	2.85E-07	1.70E-07	3.23E-08	2.02E-07
908	624462.14	4265444.84	1.07E-06	3.41E-07	1.41E-06	8.96E-07	2.55E-07	1.15E-06	2.12E-07	6.53E-08	2.78E-07	1.65E-07	3.14E-08	1.97E-07
909	624452.23	4265444.7	1.04E-06	3.32E-07	1.38E-06	8.73E-07	2.48E-07	1.12E-06	2.07E-07	6.35E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
910	624442.32	4265444.56	1.02E-06	3.23E-07	1.34E-06	8.50E-07	2.42E-07	1.09E-06	2.01E-07	6.19E-08	2.63E-07	1.57E-07	2.98E-08	1.87E-07
911	624432.41	4265444.42	9.91E-07	3.15E-07	1.31E-06	8.28E-07	2.36E-07	1.06E-06	1.96E-07	6.03E-08	2.56E-07	1.53E-07	2.90E-08	1.82E-07
912	624422.5	4265444.29	9.65E-07	3.06E-07	1.27E-06	8.06E-07	2.29E-07	1.04E-06	1.91E-07	5.87E-08	2.50E-07	1.49E-07	2.83E-08	1.77E-07
913	624412.59	4265444.15	9.40E-07	2.98E-07	1.24E-06	7.85E-07	2.23E-07	1.01E-06	1.86E-07	5.72E-08	2.43E-07	1.45E-07	2.75E-08	1.73E-07
914	624402.68	4265444.01	9.15E-07	2.91E-07	1.21E-06	7.65E-07	2.18E-07	9.83E-07	1.81E-07	5.57E-08	2.37E-07	1.41E-07	2.68E-08	1.68E-07
915	624392.78	4265443.87	8.91E-07	2.83E-07	1.17E-06	7.45E-07	2.12E-07	9.57E-07	1.76E-07	5.42E-08	2.31E-07	1.38E-07	2.61E-08	1.64E-07
916	624382.87	4265443.74	8.68E-07	2.76E-07	1.14E-06	7.26E-07	2.06E-07	9.32E-07	1.72E-07	5.28E-08	2.25E-07	1.34E-07	2.54E-08	1.59E-07
917	624372.96	4265443.6	8.45E-07	2.68E-07	1.11E-06	7.06E-07	2.01E-07	9.07E-07	1.67E-07	5.14E-08	2.19E-07	1.30E-07	2.48E-08	1.55E-07
918	624363.05	4265443.46	8.23E-07	2.61E-07	1.08E-06	6.88E-07	1.96E-07	8.84E-07	1.63E-07	5.01E-08	2.13E-07	1.27E-07	2.41E-08	1.51E-07
919	624867.63	4265429.13	1.40E-06	4.46E-07	1.85E-06	1.17E-06	3.34E-07	1.51E-06	2.78E-07	8.54E-08	3.63E-07	2.16E-07	4.11E-08	2.58E-07
920	624876.43	4265432.92	1.40E-06	4.46E-07	1.85E-06	1.17E-06	3.34E-07	1.51E-06	2.78E-07	8.54E-08	3.63E-07	2.17E-07	4.11E-08	2.58E-07
921	624885.23	4265436.72	1.40E-06	4.46E-07	1.85E-06	1.17E-06	3.34E-07	1.51E-06	2.78E-07	8.54E-08	3.63E-07	2.17E-07	4.11E-08	2.58E-07
922	624894.03	4265440.51	1.40E-06	4.45E-07	1.85E-06	1.17E-06	3.33E-07	1.50E-06	2.77E-07	8.52E-08	3.62E-07	2.16E-07	4.10E-08	2.57E-07
923	624902.83	4265444.31	1.40E-06	4.43E-07	1.84E-06	1.17E-06	3.32E-07	1.50E-06	2.76E-07	8.49E-08	3.61E-07	2.15E-07	4.09E-08	2.56E-07
924	624911.63	4265448.1	1.39E-06	4.41E-07	1.83E-06	1.16E-06	3.30E-07	1.49E-06	2.75E-07	8.45E-08	3.59E-07	2.14E-07	4.07E-08	2.55E-07
925	624920.43	4265451.9	1.38E-06	4.38E-07	1.82E-06	1.15E-06	3.28E-07	1.48E-06	2.73E-07	8.39E-08	3.57E-07	2.13E-07	4.04E-08	2.53E-07
926	624929.22	4265455.69	1.37E-06	4.34E-07	1.80E-06	1.14E-06	3.25E-07	1.47E-06	2.71E-07	8.32E-08	3.54E-07	2.11E-07	4.01E-08	2.51E-07
927	624938.02	4265459.49	1.35E-06	4.30E-07	1.78E-06	1.13E-06	3.22E-07	1.45E-06	2.68E-07	8.23E-08	3.50E-07	2.09E-07	3.96E-08	2.48E-07
928	624946.82	4265463.28	1.34E-06	4.24E-07	1.76E-06	1.12E-06	3.18E-07	1.43E-06	2.64E-07	8.13E-08	3.46E-07	2.06E-07	3.92E-08	2.45E-07
929	624955.62	4265467.08	1.32E-06	4.18E-07	1.74E-06	1.10E-06	3.13E-07	1.41E-06	2.61E-07	8.01E-08	3.41E-07	2.03E-07	3.86E-08	2.42E-07
930	624964.42	4265470.87	1.30E-06	4.12E-07	1.71E-06	1.08E-06	3.08E-07	1.39E-06	2.57E-07	7.89E-08	3.35E-07	2.00E-07	3.80E-08	2.38E-07
931	624973.22	4265474.67	1.27E-06	4.04E-07	1.68E-06	1.06E-06	3.03E-07	1.37E-06	2.52E-07	7.75E-08	3.30E-07	1.97E-07	3.73E-08	2.34E-07
932	624982.02	4265478.46	1.25E-06	3.97E-07	1.65E-06	1.04E-06	2.97E-07	1.34E-06	2.47E-07	7.60E-08	3.23E-07	1.93E-07	3.66E-08	2.29E-07
933	624990.81	4265482.26	1.22E-06	3.89E-07	1.61E-06	1.02E-06	2.91E-07	1.31E-06	2.42E-07	7.45E-08	3.17E-07	1.89E-07	3.59E-08	2.25E-07
934	624999.61	4265486.05	1.20E-06	3.81E-07	1.58E-06	1.00E-06	2.85E-07	1.29E-06	2.37E-07	7.29E-08	3.10E-07	1.85E-07	3.51E-08	2.20E-07
935	625008.41	4265489.85	1.17E-06	3.72E-07	1.54E-06	9.79E-07	2.79E-07	1.26E-06	2.32E-07	7.13E-08	3.03E-07	1.81E-07	3.43E-08	2.15E-07
936	625017.21	4265493.64	1.14E-06	3.64E-07	1.51E-06	9.57E-07	2.72E-07	1.23E-06	2.27E-07	6.97E-08	2.96E-07	1.77E-07	3.35E-08	2.10E-07
937	625026.01	4265497.44	1.12E-06	3.55E-07	1.47E-06	9.34E-07	2.66E-07	1.20E-06	2.21E-07	6.80E-08	2.89E-07	1.72E-07	3.28E-08	2.05E-07
938	625038.33	4265510.14	1.09E-06	3.46E-07	1.44E-06	9.10E-07	2.59E-07	1.17E-06	2.16E-07	6.63E-08	2.82E-07	1.68E-07	3.19E-08	2.00E-07
939	625041.86	4265519.05	1.09E-06	3.45E-07	1.43E-06	9.09E-07	2.59E-07	1.17E-06	2.15E-07	6.62E-08	2.81E-07	1.68E-07	3.19E-08	2.00E-07
940	625045.39	4265527.96	1.08E-06	3.45E-07	1.43E-06	9.07E-07	2.58E-07	1.16E-06	2.15E-07	6.60E-08	2.81E-07	1.67E-07	3.18E-08	1.99E-07
941	625048.91	4265536.87	1.08E-06	3.43E-07	1.43E-06	9.04E-07	2.57E-07	1.16E-06	2.14E-07	6.58E-08	2.80E-07	1.67E-07	3.17E-08	1.99E-07
942	625052.44	4265545.78	1.08E-06	3.42E-07	1.42E-06	9.01E-07	2.56E-07	1.16E-06	2.13E-07	6.56E-08	2.79E-07	1.66E-07	3.16E-08	1.98E-07
943	625055.97	4265554.69	1.07E-06	3.41E-07	1.41E-06	8.97E-07	2.55E-07	1.15E-06	2.12E-07	6.53E-08	2.78E-07	1.66E-07	3.14E-08	1.97E-07
944	625059.49	4265563.6	1.07E-06	3.39E-07	1.41E-06	8.92E-07	2.54E-07	1.15E-06	2.11E-07	6.49E-08	2.76E-07	1.65E-07	3.13E-08	1.96E-07
945	625063.02	4265572.51	1.06E-06	3.37E-07	1.40E-06	8.87E-07	2.52E-07	1.14E-06	2.10E-07	6.45E-08	2.74E-07	1.64E-07	3.11E-08	1.95E-07
946	625066.55	4265581.42	1.05E-06	3.35E-07	1.39E-06	8.81E-07	2.50E-07	1.13E-06	2.09E-07	6.41E-08	2.73E-07	1.63E-07	3.09E-08	1.93E-07
947	625070.07	4265590.33	1.05E-06	3.32E-07	1.38E-06	8.74E-07	2.49E-07	1.12E-06	2.07E-07	6.36E-08	2.71E-07	1.61E-07	3.06E-08	1.92E-07
948	625073.6	4265599.24	1.04E-06	3.29E-07	1.37E-06	8.67E-07	2.47E-07	1.11E-06	2.05E-07	6.31E-08	2.68E-07	1.60E-07	3.04E-08	1.90E-07
949	625077.12	4265608.15	1.03E-06	3.26E-07	1.35E-06	8.59E-07	2.44E-07	1.10E-06	2.03E-07	6.25E-08	2.66E-07	1.59E-07	3.01E-08	1.89E-07
950	625080.65	4265617.06	1.02E-06	3.23E-07	1.34E-06	8.50E-07	2.42E-07	1.09E-06	2.01E-07	6.19E-08	2.63E-07	1.57E-07	2.98E-08	1.87E-07
951	625084.18	4265625.97	1.01E-06	3.20E-07	1.33E-06	8.41E-07	2.39E-07	1.08E-06	1.99E-07	6.12E-08	2.60E-07	1.55E-07	2.95E-08	1.85E-07
952	625087.7	4265634.88	9.95E-07	3.16E-07	1.31E-06	8.31E-07	2.37E-07	1.07E-06	1.97E-07	6.05E-08	2.57E-07	1.53E-07	2.92E-08	1.83E-07
953	625091.23	4265643.79	9.83E-07	3.12E-07	1.29E-06	8.21E-07	2.34E-07	1.05E-06	1.94E-07	5.98E-08	2.54E-07	1.52E-07	2.88E-08	1.80E-07
954	625094.76	4265652.7	9.70E-07	3.08E-07	1.28E-06	8.11E-07	2.31E-07	1.04E-06	1.92E-07	5.90E-08	2.51E-07	1.50E-07	2.84E-08	1.78E-07
955	625098.28	4265661.61	9.56E-07	3.04E-07	1.26E-06	7.99E-07	2.27E-07	1.03E-06	1.89E-07	5.82E-08	2.48E-07	1.48E-07	2.80E-08	1.76E-07
956	625101.81	4265670.52	9.43E-07	2.99E-07	1.24E-06	7.88E-07	2.24E-07	1.01E-06	1.87E-07	5.74E-08	2.44E-07	1.45E-07	2.76E-08	1.73E-07
957	624858.84	4265425.33	1.40E-06	4.45E-07	1.85E-06	1.17E-06	3.33E-07	1.50E-06	2.77E-07	8.52E-08	3.63E-07	2.16E-07	4.11E-08	2.57E-07
958	624848.93	4265425.2	1.42E-06	4.49E-07	1.86E-06	1.18E-06	3.37E-07	1.52E-06	2.80E-07	8.61E-08	3.66E-07	2.18E-07	4.15E-08	2.60E-07

959	624839.02	4265425.06	1.43E-06	4.54E-07	1.88E-06	1.19E-06	3.40E-07	1.53E-06	2.83E-07	8.69E-08	3.70E-07	2.20E-07	4.19E-08	2.62E-07
960	624829.11	4265424.92	1.44E-06	4.58E-07	1.90E-06	1.20E-06	3.43E-07	1.55E-06	2.85E-07	8.77E-08	3.73E-07	2.22E-07	4.22E-08	2.65E-07
961	624819.2	4265424.78	1.45E-06	4.61E-07	1.91E-06	1.21E-06	3.45E-07	1.56E-06	2.88E-07	8.84E-08	3.76E-07	2.24E-07	4.26E-08	2.67E-07
962	624809.29	4265424.65	1.46E-06	4.65E-07	1.93E-06	1.22E-06	3.48E-07	1.57E-06	2.90E-07	8.90E-08	3.79E-07	2.26E-07	4.29E-08	2.69E-07
963	624799.38	4265424.51	1.47E-06	4.67E-07	1.94E-06	1.23E-06	3.50E-07	1.58E-06	2.91E-07	8.95E-08	3.81E-07	2.27E-07	4.31E-08	2.70E-07
964	624789.47	4265424.37	1.48E-06	4.69E-07	1.95E-06	1.24E-06	3.51E-07	1.59E-06	2.93E-07	8.99E-08	3.82E-07	2.28E-07	4.33E-08	2.71E-07
965	624779.57	4265424.23	1.48E-06	4.71E-07	1.95E-06	1.24E-06	3.53E-07	1.59E-06	2.94E-07	9.02E-08	3.84E-07	2.29E-07	4.35E-08	2.72E-07
966	624769.66	4265424.1	1.49E-06	4.72E-07	1.96E-06	1.24E-06	3.53E-07	1.60E-06	2.94E-07	9.04E-08	3.85E-07	2.29E-07	4.36E-08	2.73E-07
967	624759.75	4265423.96	1.49E-06	4.72E-07	1.96E-06	1.24E-06	3.54E-07	1.60E-06	2.94E-07	9.05E-08	3.85E-07	2.30E-07	4.36E-08	2.73E-07
968	624749.84	4265423.82	1.49E-06	4.72E-07	1.96E-06	1.24E-06	3.54E-07	1.60E-06	2.94E-07	9.05E-08	3.85E-07	2.29E-07	4.36E-08	2.73E-07
969	624739.93	4265423.69	1.48E-06	4.71E-07	1.96E-06	1.24E-06	3.53E-07	1.59E-06	2.94E-07	9.03E-08	3.84E-07	2.29E-07	4.35E-08	2.72E-07
970	624730.02	4265423.55	1.48E-06	4.70E-07	1.95E-06	1.24E-06	3.52E-07	1.59E-06	2.93E-07	9.00E-08	3.83E-07	2.28E-07	4.34E-08	2.72E-07
971	624720.11	4265423.41	1.47E-06	4.68E-07	1.94E-06	1.23E-06	3.50E-07	1.58E-06	2.92E-07	8.97E-08	3.81E-07	2.27E-07	4.32E-08	2.71E-07
972	624710.2	4265423.27	1.47E-06	4.66E-07	1.93E-06	1.23E-06	3.49E-07	1.57E-06	2.90E-07	8.92E-08	3.80E-07	2.26E-07	4.30E-08	2.69E-07
973	624700.3	4265423.14	1.46E-06	4.63E-07	1.92E-06	1.22E-06	3.47E-07	1.57E-06	2.89E-07	8.88E-08	3.78E-07	2.25E-07	4.28E-08	2.68E-07
974	624690.39	4265423	1.45E-06	4.61E-07	1.91E-06	1.21E-06	3.45E-07	1.56E-06	2.87E-07	8.82E-08	3.75E-07	2.24E-07	4.25E-08	2.66E-07
975	624680.48	4265422.86	1.44E-06	4.57E-07	1.90E-06	1.20E-06	3.42E-07	1.55E-06	2.85E-07	8.76E-08	3.73E-07	2.22E-07	4.22E-08	2.64E-07
976	624670.57	4265422.72	1.43E-06	4.54E-07	1.88E-06	1.19E-06	3.40E-07	1.53E-06	2.83E-07	8.70E-08	3.70E-07	2.21E-07	4.19E-08	2.62E-07
977	624660.66	4265422.59	1.42E-06	4.50E-07	1.87E-06	1.18E-06	3.37E-07	1.52E-06	2.81E-07	8.62E-08	3.67E-07	2.19E-07	4.15E-08	2.60E-07
978	624650.75	4265422.45	1.40E-06	4.46E-07	1.85E-06	1.17E-06	3.34E-07	1.51E-06	2.78E-07	8.54E-08	3.63E-07	2.17E-07	4.12E-08	2.58E-07
979	624640.84	4265422.31	1.39E-06	4.42E-07	1.83E-06	1.16E-06	3.31E-07	1.49E-06	2.75E-07	8.46E-08	3.60E-07	2.15E-07	4.07E-08	2.55E-07
980	624630.93	4265422.17	1.38E-06	4.37E-07	1.81E-06	1.15E-06	3.27E-07	1.48E-06	2.72E-07	8.37E-08	3.56E-07	2.12E-07	4.03E-08	2.52E-07
981	624621.03	4265422.04	1.36E-06	4.31E-07	1.79E-06	1.14E-06	3.23E-07	1.46E-06	2.69E-07	8.27E-08	3.52E-07	2.10E-07	3.98E-08	2.49E-07
982	624611.12	4265421.9	1.34E-06	4.26E-07	1.77E-06	1.12E-06	3.19E-07	1.44E-06	2.65E-07	8.16E-08	3.47E-07	2.07E-07	3.93E-08	2.46E-07
983	624601.21	4265421.76	1.32E-06	4.19E-07	1.74E-06	1.10E-06	3.14E-07	1.42E-06	2.61E-07	8.04E-08	3.42E-07	2.04E-07	3.87E-08	2.43E-07
984	624591.3	4265421.62	1.30E-06	4.13E-07	1.71E-06	1.09E-06	3.09E-07	1.40E-06	2.57E-07	7.91E-08	3.36E-07	2.01E-07	3.81E-08	2.39E-07
985	624581.39	4265421.49	1.28E-06	4.06E-07	1.68E-06	1.07E-06	3.04E-07	1.37E-06	2.53E-07	7.78E-08	3.31E-07	1.97E-07	3.75E-08	2.35E-07
986	624571.48	4265421.35	1.26E-06	3.99E-07	1.65E-06	1.05E-06	2.99E-07	1.35E-06	2.49E-07	7.64E-08	3.25E-07	1.94E-07	3.68E-08	2.31E-07
987	624561.57	4265421.21	1.23E-06	3.91E-07	1.62E-06	1.03E-06	2.93E-07	1.32E-06	2.44E-07	7.49E-08	3.19E-07	1.90E-07	3.61E-08	2.26E-07
988	624551.66	4265421.07	1.21E-06	3.83E-07	1.59E-06	1.01E-06	2.87E-07	1.30E-06	2.39E-07	7.34E-08	3.12E-07	1.86E-07	3.54E-08	2.22E-07
989	624541.75	4265420.94	1.18E-06	3.75E-07	1.56E-06	9.87E-07	2.81E-07	1.27E-06	2.34E-07	7.18E-08	3.06E-07	1.82E-07	3.46E-08	2.17E-07
990	624531.85	4265420.8	1.15E-06	3.67E-07	1.52E-06	9.65E-07	2.75E-07	1.24E-06	2.29E-07	7.03E-08	2.99E-07	1.78E-07	3.38E-08	2.12E-07
991	624521.94	4265420.66	1.13E-06	3.58E-07	1.49E-06	9.43E-07	2.68E-07	1.21E-06	2.23E-07	6.87E-08	2.92E-07	1.74E-07	3.31E-08	2.07E-07
992	624512.03	4265420.53	1.10E-06	3.50E-07	1.45E-06	9.22E-07	2.62E-07	1.18E-06	2.18E-07	6.71E-08	2.85E-07	1.70E-07	3.23E-08	2.02E-07
993	624502.12	4265420.39	1.08E-06	3.42E-07	1.42E-06	9.00E-07	2.56E-07	1.16E-06	2.13E-07	6.55E-08	2.79E-07	1.66E-07	3.16E-08	1.98E-07
994	624492.21	4265420.25	1.05E-06	3.34E-07	1.39E-06	8.79E-07	2.50E-07	1.13E-06	2.08E-07	6.40E-08	2.72E-07	1.62E-07	3.08E-08	1.93E-07
995	624482.3	4265420.11	1.03E-06	3.26E-07	1.35E-06	8.58E-07	2.44E-07	1.10E-06	2.03E-07	6.24E-08	2.66E-07	1.58E-07	3.01E-08	1.88E-07
996	624472.39	4265419.98	1.00E-06	3.18E-07	1.32E-06	8.37E-07	2.38E-07	1.08E-06	1.98E-07	6.09E-08	2.59E-07	1.55E-07	2.93E-08	1.84E-07
997	624462.48	4265419.84	9.77E-07	3.10E-07	1.29E-06	8.17E-07	2.32E-07	1.05E-06	1.93E-07	5.95E-08	2.53E-07	1.51E-07	2.86E-08	1.79E-07
998	624452.58	4265419.7	9.54E-07	3.03E-07	1.26E-06	7.97E-07	2.27E-07	1.02E-06	1.89E-07	5.81E-08	2.47E-07	1.47E-07	2.80E-08	1.75E-07
999	624442.67	4265419.56	9.31E-07	2.96E-07	1.23E-06	7.79E-07	2.21E-07	1.00E-06	1.84E-07	5.67E-08	2.41E-07	1.44E-07	2.73E-08	1.71E-07
1000	624432.76	4265419.43	9.09E-07	2.89E-07	1.20E-06	7.60E-07	2.16E-07	9.76E-07	1.80E-07	5.53E-08	2.35E-07	1.40E-07	2.67E-08	1.67E-07
1001	624422.85	4265419.29	8.88E-07	2.82E-07	1.17E-06	7.42E-07	2.11E-07	9.53E-07	1.76E-07	5.40E-08	2.30E-07	1.37E-07	2.60E-08	1.63E-07
1002	624412.94	4265419.15	8.67E-07	2.75E-07	1.14E-06	7.24E-07	2.06E-07	9.31E-07	1.72E-07	5.27E-08	2.24E-07	1.34E-07	2.54E-08	1.59E-07
1003	624403.03	4265419.01	8.46E-07	2.69E-07	1.11E-06	7.07E-07	2.01E-07	9.08E-07	1.67E-07	5.15E-08	2.19E-07	1.31E-07	2.48E-08	1.55E-07
1004	624393.12	4265418.88	8.26E-07	2.62E-07	1.09E-06	6.90E-07	1.96E-07	8.86E-07	1.63E-07	5.02E-08	2.14E-07	1.27E-07	2.42E-08	1.52E-07
1005	624383.21	4265418.74	8.06E-07	2.56E-07	1.06E-06	6.73E-07	1.92E-07	8.65E-07	1.59E-07	4.90E-08	2.08E-07	1.24E-07	2.36E-08	1.48E-07
1006	624373.31	4265418.6	7.86E-07	2.50E-07	1.04E-06	6.57E-07	1.87E-07	8.44E-07	1.56E-07	4.78E-08	2.03E-07	1.21E-07	2.30E-08	1.44E-07
1007	624363.4	4265418.46	7.67E-07	2.44E-07	1.01E-06	6.41E-07	1.82E-07	8.23E-07	1.52E-07	4.67E-08	1.98E-07	1.18E-07	2.25E-08	1.41E-07
1008	624867.98	4265404.13	1.30E-06	4.13E-07	1.71E-06	1.09E-06	3.09E-07	1.40E-06	2.58E-07	7.92E-08	3.37E-07	2.01E-07	3.81E-08	2.39E-07
1009	624876.78	4265407.93	1.30E-06	4.14E-07	1.72E-06	1.09E-06	3.10E-07	1.40E-06	2.58E-07	7.93E-08	3.37E-07	2.01E-07	3.82E-08	2.39E-07
1010	624885.58	4265411.72	1.30E-06	4.14E-07	1.72E-06	1.09E-06	3.10E-07	1.40E-06	2.58E-07	7.93E-08	3.37E-07	2.01E-07	3.82E-08	2.39E-07
1011	624894.38	4265415.52	1.30E-06	4.14E-07	1.72E-06	1.09E-06	3.10E-07	1.40E-06	2.58E-07	7.93E-08	3.37E-07	2.01E-07	3.82E-08	2.39E-07
1012	624903.18	4265419.31	1.30E-06	4.13E-07	1.71E-06	1.09E-06	3.09E-07	1.40E-06	2.57E-07	7.91E-08	3.37E-07	2.01E-07	3.81E-08	2.39E-07
1013	624911.97	4265423.11	1.30E-06	4.12E-07	1.71E-06	1.08E-06	3.08E-07	1.39E-06	2.57E-07	7.89E-08	3.35E-07	2.00E-07	3.80E-08	2.38E-07
1014	624920.77	4265426.9	1.29E-06	4.10E-07	1.70E-06	1.08E-06	3.07E-07	1.38E-06	2.55E-07	7.85E-08	3.34E-07	1.99E-07	3.78E-08	2.37E-07
1015	624929.57	4265430.7	1.28E-06	4.07E-07	1.69E-06	1.07E-06	3.05E-07	1.38E-06	2.54E-07	7.80E-08	3.32E-07	1.98E-07	3.76E-08	2.35E-07
1016	624938.37	4265434.49	1.27E-06	4.04E-07	1.68E-06	1.06E-06	3.02E-07	1.36E-06	2.52E-07	7.74E-08	3.29E-07	1.96E-07	3.73E-08	2.33E-07
1017	624947.17	4265438.29	1.26E-06	4.00E-07	1.66E-06	1.05E-06	2.99E-07	1.35E-06	2.49E-07	7.66E-08	3.26E-07	1.94E-07	3.69E-08	2.31E-07
1018	624955.97	4265442.08	1.24E-06	3.95E-07	1.64E-06	1.04E-06	2.96E-07	1.34E-06	2.46E-07	7.57E-08	3.22E-07	1.92E-07	3.65E-08	2.29E-07
1019	624964.77	4265445.88	1.23E-06	3.90E-07	1.62E-06	1.03E-06	2.92E-07	1.32E-06	2.43E-07	7.47E-08	3.18E-07	1.90E-07	3.60E-08	2.26E-07
1020	624973.56	4265449.67	1.21E-06	3.84E-07	1.59E-06	1.01E-06	2.88E-07	1.30E-06	2.40E-07	7.37E-08	3.13E-07	1.87E-07	3.55E-08	2.22E-07
1021	624982.36	4265453.47	1.19E-06	3.78E-07	1.57E-06	9.95E-07	2.83E-07	1.28E-06	2.36E-07	7.25E-08	3.08E-07	1.84E-07	3.49E-08	2.19E-07
1022	624991.16	4265457.26	1.17E-06	3.72E-07	1.54E-06	9.78E-07	2.78E-07	1.26E-06	2.32E-07	7.12E-08	3.03E-07	1.81E-07	3.43E-08	2.15E-07
1023	624999.96	4265461.06	1.15E-06	3.65E-07	1.51E-06	9.60E-07	2.73E-07	1.23E-06	2.27E-07	6.99E-08	2.97E-07	1.77E-07	3.37E-08	2.11E-07
1024	625008.76	4265464.85	1.13E-06	3.57E-07	1.48E-06	9.41E-07	2.68E-07	1.21E-06	2.23E-07	6.85E-08	2.91E-07	1.74E-07	3.30E-08	2.07E-07
1025	625017.56	4265468.65	1.10E-06	3.50E-07	1.45E-06	9.21E-07	2.62E-07	1.18E-06	2.18E-07	6.70E-08	2.85E-07	1.70E-07	3.23E-08	2.02E-07
1026	625026.36	4265472.44	1.08E-06	3.42E-07	1.42E-06	9.01E-07	2.56E-07	1.16E-06	2.13E-07	6.56E-08	2.79E-07	1.66E-07	3.16E-08	1.98E-07
1027	625035.15	4265476.24	1.05E-06	3.35E-07	1.39E-06	8.81E-07	2.51E-07	1.13E-06	2.09E-07	6.41E-08	2.73E-07	1.63E-07	3.09E-08	1.93E-07
1028	625043.95	4265480.03	1.03E-06	3.27E-07	1.36E-06	8.61E-07	2.45E-07	1.11E-06	2.04E-07	6.26E-08	2.66E-07	1.59E-07	3.02E-08	1.89E-07
1029	625056.28	4265492.74	1.00E-06	3.19E-07	1.32E-06	8.39E-07	2.39E-07	1.08E-06	1.99E-07	6.11E-08	2.60E-07	1.55E-07	2.94E-08	1.84E-07
1030	625059.8	4265501.65	1.00E-06	3.18E-07	1.32E-06	8.38E-07	2.38E-07	1.08E-06	1.98E-07	6.10E-08	2.59E-07	1.55E-07	2.94E-08	1.84E-07
1031	625063.33	4265510.56	1.00E-06	3.18E-07	1.32E-06	8.36E-07	2.38E-07	1.07E-06	1.98E-07	6.08E-08	2.59E-07	1.54E-07	2.93E-08	1.84E-07
1032	625066.86	4265519.46	9.97E-07	3.17E-07	1.31E-06	8.33E-07	2.37E-07	1.07E-06	1.97E-07	6.07E-08	2.58E-07	1.54E-07	2.92E-08	1.83E-07

1033	625070.38	4265528.37	9.93E-07	3.15E-07	1.31E-06	8.30E-07	2.36E-07	1.07E-06	1.97E-07	6.04E-08	2.57E-07	1.53E-07	2.91E-08	1.82E-07
1034	625073.91	4265537.28	9.89E-07	3.14E-07	1.30E-06	8.26E-07	2.35E-07	1.06E-06	1.96E-07	6.02E-08	2.56E-07	1.53E-07	2.90E-08	1.82E-07
1035	625077.44	4265546.19	9.84E-07	3.12E-07	1.30E-06	8.22E-07	2.34E-07	1.06E-06	1.95E-07	5.99E-08	2.55E-07	1.52E-07	2.88E-08	1.81E-07
1036	625080.96	4265555.1	9.78E-07	3.11E-07	1.29E-06	8.18E-07	2.33E-07	1.05E-06	1.94E-07	5.95E-08	2.53E-07	1.51E-07	2.87E-08	1.80E-07
1037	625084.49	4265564.01	9.72E-07	3.09E-07	1.28E-06	8.13E-07	2.31E-07	1.04E-06	1.92E-07	5.92E-08	2.52E-07	1.50E-07	2.85E-08	1.79E-07
1038	625088.02	4265572.92	9.66E-07	3.07E-07	1.27E-06	8.07E-07	2.30E-07	1.04E-06	1.91E-07	5.87E-08	2.50E-07	1.49E-07	2.83E-08	1.77E-07
1039	625091.54	4265581.83	9.58E-07	3.04E-07	1.26E-06	8.01E-07	2.28E-07	1.03E-06	1.90E-07	5.83E-08	2.48E-07	1.48E-07	2.81E-08	1.76E-07
1040	625095.07	4265590.74	9.50E-07	3.02E-07	1.25E-06	7.94E-07	2.26E-07	1.02E-06	1.88E-07	5.78E-08	2.46E-07	1.47E-07	2.78E-08	1.74E-07
1041	625098.59	4265599.65	9.42E-07	2.99E-07	1.24E-06	7.87E-07	2.24E-07	1.01E-06	1.86E-07	5.73E-08	2.44E-07	1.45E-07	2.76E-08	1.73E-07
1042	625102.12	4265608.56	9.32E-07	2.96E-07	1.23E-06	7.79E-07	2.22E-07	1.00E-06	1.85E-07	5.67E-08	2.41E-07	1.44E-07	2.73E-08	1.71E-07
1043	625105.65	4265617.47	9.23E-07	2.93E-07	1.22E-06	7.71E-07	2.19E-07	9.91E-07	1.83E-07	5.61E-08	2.39E-07	1.42E-07	2.70E-08	1.69E-07
1044	625109.17	4265626.38	9.13E-07	2.90E-07	1.20E-06	7.63E-07	2.17E-07	9.80E-07	1.81E-07	5.55E-08	2.36E-07	1.41E-07	2.67E-08	1.68E-07
1045	625112.7	4265635.29	9.02E-07	2.86E-07	1.19E-06	7.54E-07	2.14E-07	9.68E-07	1.78E-07	5.49E-08	2.33E-07	1.39E-07	2.64E-08	1.66E-07
1046	625116.23	4265644.2	8.91E-07	2.83E-07	1.17E-06	7.44E-07	2.12E-07	9.56E-07	1.76E-07	5.42E-08	2.30E-07	1.37E-07	2.61E-08	1.64E-07
1047	625119.75	4265653.11	8.79E-07	2.79E-07	1.16E-06	7.35E-07	2.09E-07	9.44E-07	1.74E-07	5.35E-08	2.27E-07	1.36E-07	2.58E-08	1.61E-07
1048	625123.28	4265662.02	8.67E-07	2.75E-07	1.14E-06	7.25E-07	2.06E-07	9.31E-07	1.72E-07	5.27E-08	2.24E-07	1.34E-07	2.54E-08	1.59E-07
1049	625126.81	4265670.93	8.54E-07	2.71E-07	1.13E-06	7.14E-07	2.03E-07	9.17E-07	1.69E-07	5.20E-08	2.21E-07	1.32E-07	2.50E-08	1.57E-07
1050	624859.18	4265400.34	1.30E-06	4.12E-07	1.71E-06	1.09E-06	3.09E-07	1.39E-06	2.57E-07	7.90E-08	3.36E-07	2.00E-07	3.80E-08	2.38E-07
1051	624849.27	4265400.2	1.31E-06	4.16E-07	1.73E-06	1.09E-06	3.11E-07	1.41E-06	2.59E-07	7.97E-08	3.39E-07	2.02E-07	3.84E-08	2.40E-07
1052	624839.37	4265400.06	1.32E-06	4.19E-07	1.74E-06	1.10E-06	3.14E-07	1.42E-06	2.61E-07	8.04E-08	3.42E-07	2.04E-07	3.87E-08	2.42E-07
1053	624829.46	4265399.92	1.33E-06	4.23E-07	1.75E-06	1.11E-06	3.16E-07	1.43E-06	2.63E-07	8.10E-08	3.44E-07	2.05E-07	3.90E-08	2.44E-07
1054	624819.55	4265399.79	1.34E-06	4.25E-07	1.77E-06	1.12E-06	3.19E-07	1.44E-06	2.65E-07	8.15E-08	3.47E-07	2.07E-07	3.93E-08	2.46E-07
1055	624809.64	4265399.65	1.35E-06	4.28E-07	1.78E-06	1.13E-06	3.20E-07	1.45E-06	2.67E-07	8.20E-08	3.49E-07	2.08E-07	3.95E-08	2.47E-07
1056	624799.73	4265399.51	1.35E-06	4.30E-07	1.78E-06	1.13E-06	3.22E-07	1.45E-06	2.68E-07	8.24E-08	3.50E-07	2.09E-07	3.97E-08	2.49E-07
1057	624789.82	4265399.37	1.36E-06	4.31E-07	1.79E-06	1.14E-06	3.23E-07	1.46E-06	2.69E-07	8.27E-08	3.52E-07	2.10E-07	3.98E-08	2.49E-07
1058	624779.91	4265399.24	1.36E-06	4.33E-07	1.79E-06	1.14E-06	3.24E-07	1.46E-06	2.70E-07	8.29E-08	3.52E-07	2.10E-07	3.99E-08	2.50E-07
1059	624770	4265399.1	1.36E-06	4.33E-07	1.80E-06	1.14E-06	3.24E-07	1.46E-06	2.70E-07	8.30E-08	3.53E-07	2.10E-07	4.00E-08	2.50E-07
1060	624760.09	4265398.96	1.36E-06	4.33E-07	1.80E-06	1.14E-06	3.24E-07	1.46E-06	2.70E-07	8.30E-08	3.53E-07	2.10E-07	4.00E-08	2.50E-07
1061	624750.19	4265398.83	1.36E-06	4.32E-07	1.79E-06	1.14E-06	3.24E-07	1.46E-06	2.69E-07	8.28E-08	3.52E-07	2.10E-07	3.99E-08	2.50E-07
1062	624740.28	4265398.69	1.36E-06	4.31E-07	1.79E-06	1.13E-06	3.23E-07	1.46E-06	2.69E-07	8.26E-08	3.51E-07	2.09E-07	3.98E-08	2.49E-07
1063	624730.37	4265398.55	1.35E-06	4.29E-07	1.78E-06	1.13E-06	3.21E-07	1.45E-06	2.68E-07	8.22E-08	3.50E-07	2.09E-07	3.96E-08	2.48E-07
1064	624720.46	4265398.41	1.34E-06	4.27E-07	1.77E-06	1.12E-06	3.20E-07	1.44E-06	2.66E-07	8.18E-08	3.48E-07	2.07E-07	3.94E-08	2.47E-07
1065	624710.55	4265398.28	1.34E-06	4.25E-07	1.76E-06	1.12E-06	3.18E-07	1.44E-06	2.65E-07	8.13E-08	3.46E-07	2.06E-07	3.92E-08	2.45E-07
1066	624700.64	4265398.14	1.33E-06	4.22E-07	1.75E-06	1.11E-06	3.16E-07	1.43E-06	2.63E-07	8.08E-08	3.44E-07	2.05E-07	3.89E-08	2.44E-07
1067	624690.73	4265398	1.32E-06	4.19E-07	1.74E-06	1.10E-06	3.13E-07	1.42E-06	2.61E-07	8.02E-08	3.41E-07	2.03E-07	3.86E-08	2.42E-07
1068	624680.82	4265397.86	1.31E-06	4.15E-07	1.72E-06	1.09E-06	3.11E-07	1.40E-06	2.59E-07	7.96E-08	3.38E-07	2.02E-07	3.83E-08	2.40E-07
1069	624670.92	4265397.73	1.30E-06	4.12E-07	1.71E-06	1.08E-06	3.08E-07	1.39E-06	2.57E-07	7.89E-08	3.35E-07	2.00E-07	3.80E-08	2.38E-07
1070	624661.01	4265397.59	1.28E-06	4.08E-07	1.69E-06	1.07E-06	3.05E-07	1.38E-06	2.54E-07	7.81E-08	3.32E-07	1.98E-07	3.76E-08	2.36E-07
1071	624651.1	4265397.45	1.27E-06	4.04E-07	1.67E-06	1.06E-06	3.02E-07	1.36E-06	2.52E-07	7.73E-08	3.29E-07	1.96E-07	3.72E-08	2.33E-07
1072	624641.19	4265397.31	1.26E-06	3.99E-07	1.66E-06	1.05E-06	2.99E-07	1.35E-06	2.49E-07	7.65E-08	3.25E-07	1.94E-07	3.68E-08	2.31E-07
1073	624631.28	4265397.18	1.24E-06	3.94E-07	1.64E-06	1.04E-06	2.95E-07	1.33E-06	2.46E-07	7.56E-08	3.21E-07	1.92E-07	3.64E-08	2.28E-07
1074	624621.37	4265397.04	1.23E-06	3.89E-07	1.62E-06	1.03E-06	2.92E-07	1.32E-06	2.43E-07	7.46E-08	3.17E-07	1.89E-07	3.59E-08	2.25E-07
1075	624611.46	4265396.9	1.21E-06	3.84E-07	1.59E-06	1.01E-06	2.88E-07	1.30E-06	2.39E-07	7.36E-08	3.13E-07	1.87E-07	3.54E-08	2.22E-07
1076	624601.55	4265396.76	1.19E-06	3.78E-07	1.57E-06	9.96E-07	2.83E-07	1.28E-06	2.36E-07	7.25E-08	3.08E-07	1.84E-07	3.49E-08	2.19E-07
1077	624591.65	4265396.63	1.17E-06	3.73E-07	1.55E-06	9.80E-07	2.79E-07	1.26E-06	2.32E-07	7.14E-08	3.04E-07	1.81E-07	3.44E-08	2.15E-07
1078	624581.74	4265396.49	1.15E-06	3.66E-07	1.52E-06	9.64E-07	2.74E-07	1.24E-06	2.28E-07	7.02E-08	2.98E-07	1.78E-07	3.38E-08	2.12E-07
1079	624571.83	4265396.35	1.13E-06	3.60E-07	1.49E-06	9.47E-07	2.69E-07	1.22E-06	2.24E-07	6.89E-08	2.93E-07	1.75E-07	3.32E-08	2.08E-07
1080	624561.92	4265396.21	1.11E-06	3.53E-07	1.47E-06	9.30E-07	2.64E-07	1.19E-06	2.20E-07	6.77E-08	2.88E-07	1.72E-07	3.26E-08	2.04E-07
1081	624552.01	4265396.08	1.09E-06	3.46E-07	1.44E-06	9.11E-07	2.59E-07	1.17E-06	2.16E-07	6.63E-08	2.82E-07	1.68E-07	3.20E-08	2.00E-07
1082	624542.1	4265395.94	1.07E-06	3.39E-07	1.41E-06	8.93E-07	2.54E-07	1.15E-06	2.11E-07	6.50E-08	2.76E-07	1.65E-07	3.13E-08	1.96E-07
1083	624532.19	4265395.8	1.05E-06	3.32E-07	1.38E-06	8.74E-07	2.49E-07	1.12E-06	2.07E-07	6.36E-08	2.71E-07	1.61E-07	3.06E-08	1.92E-07
1084	624522.28	4265395.66	1.02E-06	3.25E-07	1.35E-06	8.56E-07	2.43E-07	1.10E-06	2.03E-07	6.23E-08	2.65E-07	1.58E-07	3.00E-08	1.88E-07
1085	624512.37	4265395.53	1.00E-06	3.18E-07	1.32E-06	8.37E-07	2.38E-07	1.08E-06	1.98E-07	6.10E-08	2.59E-07	1.55E-07	2.94E-08	1.84E-07
1086	624502.47	4265395.39	9.80E-07	3.11E-07	1.29E-06	8.19E-07	2.33E-07	1.05E-06	1.94E-07	5.96E-08	2.54E-07	1.51E-07	2.87E-08	1.80E-07
1087	624492.56	4265395.25	9.59E-07	3.04E-07	1.26E-06	8.01E-07	2.28E-07	1.03E-06	1.90E-07	5.83E-08	2.48E-07	1.48E-07	2.81E-08	1.76E-07
1088	624482.65	4265395.12	9.38E-07	2.98E-07	1.24E-06	7.84E-07	2.23E-07	1.01E-06	1.86E-07	5.70E-08	2.43E-07	1.45E-07	2.75E-08	1.72E-07
1089	624472.74	4265394.98	9.17E-07	2.91E-07	1.21E-06	7.66E-07	2.18E-07	9.84E-07	1.81E-07	5.58E-08	2.37E-07	1.41E-07	2.69E-08	1.68E-07
1090	624462.83	4265394.84	8.97E-07	2.85E-07	1.18E-06	7.50E-07	2.13E-07	9.63E-07	1.78E-07	5.46E-08	2.32E-07	1.38E-07	2.63E-08	1.65E-07
1091	624452.92	4265394.7	8.77E-07	2.79E-07	1.16E-06	7.33E-07	2.09E-07	9.42E-07	1.74E-07	5.34E-08	2.27E-07	1.35E-07	2.57E-08	1.61E-07
1092	624443.01	4265394.57	8.58E-07	2.73E-07	1.13E-06	7.18E-07	2.04E-07	9.22E-07	1.70E-07	5.22E-08	2.22E-07	1.32E-07	2.52E-08	1.58E-07
1093	624433.1	4265394.43	8.40E-07	2.67E-07	1.11E-06	7.02E-07	2.00E-07	9.02E-07	1.66E-07	5.11E-08	2.17E-07	1.30E-07	2.46E-08	1.54E-07
1094	624423.2	4265394.29	8.22E-07	2.61E-07	1.08E-06	6.87E-07	1.95E-07	8.82E-07	1.63E-07	5.00E-08	2.13E-07	1.27E-07	2.41E-08	1.51E-07
1095	624413.29	4265394.15	8.03E-07	2.55E-07	1.06E-06	6.72E-07	1.91E-07	8.63E-07	1.59E-07	4.89E-08	2.08E-07	1.24E-07	2.35E-08	1.48E-07
1096	624403.38	4265394.02	7.86E-07	2.50E-07	1.04E-06	6.57E-07	1.87E-07	8.43E-07	1.56E-07	4.78E-08	2.03E-07	1.21E-07	2.30E-08	1.44E-07
1097	624393.47	4265393.88	7.68E-07	2.44E-07	1.01E-06	6.42E-07	1.83E-07	8.25E-07	1.52E-07	4.67E-08	1.99E-07	1.19E-07	2.25E-08	1.41E-07
1098	624383.56	4265393.74	7.51E-07	2.38E-07	9.89E-07	6.27E-07	1.79E-07	8.06E-07	1.49E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
1099	624373.65	4265393.6	7.34E-07	2.33E-07	9.67E-07	6.13E-07	1.74E-07	7.88E-07	1.45E-07	4.46E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
1100	624363.74	4265393.47	7.17E-07	2.28E-07	9.45E-07	5.99E-07	1.71E-07	7.70E-07	1.42E-07	4.36E-08	1.86E-07	1.11E-07	2.10E-08	1.32E-07
1101	624868.33	4265379.13	1.21E-06	3.84E-07	1.59E-06	1.01E-06	2.88E-07	1.30E-06	2.40E-07	7.36E-08	3.13E-07	1.87E-07	3.55E-08	2.22E-07
1102	624877.13	4265382.93	1.21E-06	3.85E-07	1.60E-06	1.01E-06	2.88E-07	1.30E-06	2.40E-07	7.38E-08	3.14E-07	1.87E-07	3.55E-08	2.23E-07
1103	624885.93	4265386.72	1.21E-06	3.86E-07	1.60E-06	1.02E-06	2.89E-07	1.30E-06	2.40E-07	7.39E-08	3.14E-07	1.87E-07	3.56E-08	2.23E-07
1104	624894.72	4265390.52	1.22E-06	3.86E-07	1.60E-06	1.02E-06	2.89E-07	1.30E-06	2.41E-07	7.40E-08	3.15E-07	1.88E-07	3.56E-08	2.23E-07
1105	624903.52	4265394.31	1.21E-06	3.86E-07	1.60E-06	1.02E-06	2.89E-07	1.30E-06	2.40E-07	7.39E-08	3.14E-07	1.87E-07	3.56E-08	2.23E-07
1106	624912.32	4265398.11	1.21E-06	3.85E-07	1.60E-06	1.01E-06	2.88E-07	1.30E-06	2.40E-07	7.38E-08	3.14E-07	1.87E-07	3.55E-08	2.23E-07

1107	624921.12	4265401.9	1.21E-06	3.84E-07	1.59E-06	1.01E-06	2.87E-07	1.30E-06	2.39E-07	7.35E-08	3.13E-07	1.86E-07	3.54E-08	2.22E-07
1108	624929.92	4265405.7	1.20E-06	3.82E-07	1.58E-06	1.01E-06	2.86E-07	1.29E-06	2.38E-07	7.32E-08	3.11E-07	1.86E-07	3.53E-08	2.21E-07
1109	624938.72	4265409.49	1.20E-06	3.80E-07	1.58E-06	9.99E-07	2.84E-07	1.28E-06	2.37E-07	7.28E-08	3.09E-07	1.85E-07	3.50E-08	2.20E-07
1110	624947.51	4265413.29	1.19E-06	3.77E-07	1.56E-06	9.92E-07	2.82E-07	1.27E-06	2.35E-07	7.22E-08	3.07E-07	1.83E-07	3.48E-08	2.18E-07
1111	624956.31	4265417.08	1.18E-06	3.74E-07	1.55E-06	9.83E-07	2.80E-07	1.26E-06	2.33E-07	7.16E-08	3.04E-07	1.81E-07	3.45E-08	2.16E-07
1112	624965.11	4265420.88	1.16E-06	3.70E-07	1.53E-06	9.73E-07	2.77E-07	1.25E-06	2.30E-07	7.08E-08	3.01E-07	1.80E-07	3.41E-08	2.14E-07
1113	624973.91	4265424.67	1.15E-06	3.65E-07	1.51E-06	9.61E-07	2.73E-07	1.23E-06	2.28E-07	7.00E-08	2.98E-07	1.77E-07	3.37E-08	2.11E-07
1114	624982.71	4265428.47	1.13E-06	3.60E-07	1.49E-06	9.48E-07	2.70E-07	1.22E-06	2.24E-07	6.90E-08	2.93E-07	1.75E-07	3.32E-08	2.08E-07
1115	624991.51	4265432.26	1.12E-06	3.55E-07	1.47E-06	9.34E-07	2.66E-07	1.20E-06	2.21E-07	6.80E-08	2.89E-07	1.72E-07	3.27E-08	2.05E-07
1116	625000.31	4265436.06	1.10E-06	3.49E-07	1.45E-06	9.18E-07	2.61E-07	1.18E-06	2.17E-07	6.69E-08	2.84E-07	1.70E-07	3.22E-08	2.02E-07
1117	625009.1	4265439.85	1.08E-06	3.43E-07	1.42E-06	9.02E-07	2.57E-07	1.16E-06	2.14E-07	6.57E-08	2.79E-07	1.67E-07	3.16E-08	1.98E-07
1118	625017.9	4265443.65	1.06E-06	3.36E-07	1.40E-06	8.85E-07	2.52E-07	1.14E-06	2.10E-07	6.45E-08	2.74E-07	1.63E-07	3.10E-08	1.95E-07
1119	625026.7	4265447.44	1.04E-06	3.30E-07	1.37E-06	8.68E-07	2.47E-07	1.11E-06	2.06E-07	6.32E-08	2.69E-07	1.60E-07	3.04E-08	1.91E-07
1120	625035.5	4265451.24	1.02E-06	3.23E-07	1.34E-06	8.50E-07	2.42E-07	1.09E-06	2.01E-07	6.19E-08	2.63E-07	1.57E-07	2.98E-08	1.87E-07
1121	625044.3	4265455.03	9.96E-07	3.16E-07	1.31E-06	8.32E-07	2.37E-07	1.07E-06	1.97E-07	6.06E-08	2.58E-07	1.54E-07	2.92E-08	1.83E-07
1122	625053.1	4265458.83	9.74E-07	3.09E-07	1.28E-06	8.14E-07	2.32E-07	1.05E-06	1.93E-07	5.93E-08	2.52E-07	1.50E-07	2.85E-08	1.79E-07
1123	625061.9	4265462.62	9.52E-07	3.02E-07	1.25E-06	7.96E-07	2.26E-07	1.02E-06	1.88E-07	5.79E-08	2.46E-07	1.47E-07	2.79E-08	1.75E-07
1124	625074.22	4265475.33	9.29E-07	2.95E-07	1.22E-06	7.77E-07	2.21E-07	9.98E-07	1.84E-07	5.65E-08	2.40E-07	1.43E-07	2.72E-08	1.71E-07
1125	625077.75	4265484.24	9.27E-07	2.95E-07	1.22E-06	7.75E-07	2.21E-07	9.96E-07	1.84E-07	5.64E-08	2.40E-07	1.43E-07	2.72E-08	1.70E-07
1126	625081.27	4265493.15	9.25E-07	2.94E-07	1.22E-06	7.73E-07	2.20E-07	9.93E-07	1.83E-07	5.63E-08	2.39E-07	1.43E-07	2.71E-08	1.70E-07
1127	625084.8	4265502.06	9.22E-07	2.93E-07	1.22E-06	7.71E-07	2.19E-07	9.90E-07	1.83E-07	5.61E-08	2.39E-07	1.42E-07	2.70E-08	1.69E-07
1128	625088.33	4265510.97	9.19E-07	2.92E-07	1.21E-06	7.68E-07	2.19E-07	9.87E-07	1.82E-07	5.59E-08	2.38E-07	1.42E-07	2.69E-08	1.69E-07
1129	625091.85	4265519.88	9.15E-07	2.91E-07	1.21E-06	7.65E-07	2.18E-07	9.83E-07	1.81E-07	5.57E-08	2.37E-07	1.41E-07	2.68E-08	1.68E-07
1130	625095.38	4265528.79	9.11E-07	2.89E-07	1.20E-06	7.61E-07	2.17E-07	9.78E-07	1.80E-07	5.54E-08	2.36E-07	1.41E-07	2.67E-08	1.67E-07
1131	625098.91	4265537.7	9.06E-07	2.88E-07	1.19E-06	7.57E-07	2.15E-07	9.73E-07	1.79E-07	5.51E-08	2.34E-07	1.40E-07	2.66E-08	1.66E-07
1132	625102.43	4265546.61	9.01E-07	2.86E-07	1.19E-06	7.53E-07	2.14E-07	9.67E-07	1.78E-07	5.48E-08	2.33E-07	1.39E-07	2.64E-08	1.65E-07
1133	625105.96	4265555.51	8.95E-07	2.84E-07	1.18E-06	7.48E-07	2.13E-07	9.61E-07	1.77E-07	5.45E-08	2.32E-07	1.38E-07	2.62E-08	1.64E-07
1134	625109.49	4265564.42	8.89E-07	2.82E-07	1.17E-06	7.43E-07	2.11E-07	9.54E-07	1.76E-07	5.41E-08	2.30E-07	1.37E-07	2.60E-08	1.63E-07
1135	625113.01	4265573.33	8.82E-07	2.80E-07	1.16E-06	7.37E-07	2.10E-07	9.47E-07	1.75E-07	5.37E-08	2.28E-07	1.36E-07	2.58E-08	1.62E-07
1136	625116.54	4265582.24	8.75E-07	2.78E-07	1.15E-06	7.31E-07	2.08E-07	9.39E-07	1.73E-07	5.32E-08	2.26E-07	1.35E-07	2.56E-08	1.61E-07
1137	625120.06	4265591.15	8.67E-07	2.75E-07	1.14E-06	7.25E-07	2.06E-07	9.31E-07	1.72E-07	5.27E-08	2.24E-07	1.34E-07	2.54E-08	1.59E-07
1138	625123.59	4265600.06	8.59E-07	2.73E-07	1.13E-06	7.18E-07	2.04E-07	9.22E-07	1.70E-07	5.22E-08	2.22E-07	1.32E-07	2.52E-08	1.58E-07
1139	625127.12	4265608.97	8.50E-07	2.70E-07	1.12E-06	7.10E-07	2.02E-07	9.12E-07	1.68E-07	5.17E-08	2.20E-07	1.31E-07	2.49E-08	1.56E-07
1140	625130.64	4265617.88	8.41E-07	2.67E-07	1.11E-06	7.03E-07	2.00E-07	9.03E-07	1.66E-07	5.12E-08	2.18E-07	1.30E-07	2.46E-08	1.54E-07
1141	625134.17	4265626.79	8.31E-07	2.64E-07	1.10E-06	6.95E-07	1.98E-07	8.93E-07	1.65E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
1142	625137.7	4265635.7	8.22E-07	2.61E-07	1.08E-06	6.87E-07	1.95E-07	8.82E-07	1.63E-07	5.00E-08	2.13E-07	1.27E-07	2.41E-08	1.51E-07
1143	625141.22	4265644.61	8.11E-07	2.58E-07	1.07E-06	6.78E-07	1.93E-07	8.71E-07	1.61E-07	4.94E-08	2.10E-07	1.25E-07	2.38E-08	1.49E-07
1144	625144.75	4265653.52	8.01E-07	2.54E-07	1.06E-06	6.70E-07	1.90E-07	8.60E-07	1.59E-07	4.87E-08	2.07E-07	1.24E-07	2.35E-08	1.47E-07
1145	625148.28	4265662.43	7.90E-07	2.51E-07	1.04E-06	6.61E-07	1.88E-07	8.48E-07	1.56E-07	4.81E-08	2.05E-07	1.22E-07	2.32E-08	1.45E-07
1146	625151.8	4265671.34	7.79E-07	2.47E-07	1.03E-06	6.51E-07	1.85E-07	8.37E-07	1.54E-07	4.74E-08	2.02E-07	1.20E-07	2.28E-08	1.43E-07
1147	624859.53	4265375.34	1.21E-06	3.83E-07	1.59E-06	1.01E-06	2.87E-07	1.30E-06	2.39E-07	7.34E-08	3.12E-07	1.86E-07	3.54E-08	2.22E-07
1148	624849.62	4265375.2	1.22E-06	3.86E-07	1.60E-06	1.02E-06	2.89E-07	1.31E-06	2.41E-07	7.40E-08	3.15E-07	1.88E-07	3.56E-08	2.23E-07
1149	624839.71	4265375.06	1.22E-06	3.89E-07	1.61E-06	1.02E-06	2.91E-07	1.31E-06	2.42E-07	7.45E-08	3.17E-07	1.89E-07	3.59E-08	2.25E-07
1150	624829.8	4265374.93	1.23E-06	3.91E-07	1.62E-06	1.03E-06	2.93E-07	1.32E-06	2.44E-07	7.50E-08	3.19E-07	1.90E-07	3.61E-08	2.26E-07
1151	624819.89	4265374.79	1.24E-06	3.94E-07	1.63E-06	1.04E-06	2.95E-07	1.33E-06	2.45E-07	7.54E-08	3.21E-07	1.91E-07	3.63E-08	2.28E-07
1152	624809.99	4265374.65	1.25E-06	3.95E-07	1.64E-06	1.04E-06	2.96E-07	1.34E-06	2.46E-07	7.58E-08	3.22E-07	1.92E-07	3.65E-08	2.29E-07
1153	624800.08	4265374.51	1.25E-06	3.97E-07	1.65E-06	1.04E-06	2.97E-07	1.34E-06	2.47E-07	7.60E-08	3.23E-07	1.93E-07	3.66E-08	2.29E-07
1154	624790.17	4265374.38	1.25E-06	3.98E-07	1.65E-06	1.05E-06	2.98E-07	1.35E-06	2.48E-07	7.63E-08	3.24E-07	1.93E-07	3.67E-08	2.30E-07
1155	624780.26	4265374.24	1.26E-06	3.99E-07	1.65E-06	1.05E-06	2.98E-07	1.35E-06	2.48E-07	7.64E-08	3.25E-07	1.94E-07	3.68E-08	2.30E-07
1156	624770.35	4265374.1	1.26E-06	3.99E-07	1.65E-06	1.05E-06	2.98E-07	1.35E-06	2.48E-07	7.64E-08	3.25E-07	1.94E-07	3.68E-08	2.31E-07
1157	624760.44	4265373.96	1.25E-06	3.98E-07	1.65E-06	1.05E-06	2.98E-07	1.35E-06	2.48E-07	7.63E-08	3.25E-07	1.93E-07	3.68E-08	2.30E-07
1158	624750.53	4265373.83	1.25E-06	3.97E-07	1.65E-06	1.05E-06	2.97E-07	1.34E-06	2.48E-07	7.61E-08	3.24E-07	1.93E-07	3.67E-08	2.30E-07
1159	624740.62	4265373.69	1.25E-06	3.96E-07	1.64E-06	1.04E-06	2.96E-07	1.34E-06	2.47E-07	7.58E-08	3.23E-07	1.92E-07	3.65E-08	2.29E-07
1160	624730.72	4265373.55	1.24E-06	3.94E-07	1.63E-06	1.04E-06	2.95E-07	1.33E-06	2.45E-07	7.54E-08	3.21E-07	1.91E-07	3.63E-08	2.28E-07
1161	624720.81	4265373.42	1.23E-06	3.91E-07	1.62E-06	1.03E-06	2.93E-07	1.32E-06	2.44E-07	7.50E-08	3.19E-07	1.90E-07	3.61E-08	2.26E-07
1162	624710.9	4265373.28	1.22E-06	3.88E-07	1.61E-06	1.02E-06	2.91E-07	1.31E-06	2.42E-07	7.44E-08	3.17E-07	1.89E-07	3.59E-08	2.25E-07
1163	624700.99	4265373.14	1.21E-06	3.86E-07	1.60E-06	1.01E-06	2.89E-07	1.30E-06	2.40E-07	7.39E-08	3.14E-07	1.87E-07	3.56E-08	2.23E-07
1164	624691.08	4265373	1.20E-06	3.82E-07	1.59E-06	1.01E-06	2.86E-07	1.29E-06	2.38E-07	7.32E-08	3.11E-07	1.86E-07	3.53E-08	2.21E-07
1165	624681.17	4265372.87	1.19E-06	3.79E-07	1.57E-06	9.97E-07	2.84E-07	1.28E-06	2.36E-07	7.26E-08	3.09E-07	1.84E-07	3.50E-08	2.19E-07
1166	624671.26	4265372.73	1.18E-06	3.75E-07	1.56E-06	9.87E-07	2.81E-07	1.27E-06	2.34E-07	7.19E-08	3.06E-07	1.82E-07	3.46E-08	2.17E-07
1167	624661.35	4265372.59	1.17E-06	3.71E-07	1.54E-06	9.77E-07	2.78E-07	1.25E-06	2.31E-07	7.11E-08	3.02E-07	1.80E-07	3.42E-08	2.15E-07
1168	624651.44	4265372.45	1.16E-06	3.67E-07	1.52E-06	9.66E-07	2.75E-07	1.24E-06	2.29E-07	7.03E-08	2.99E-07	1.78E-07	3.39E-08	2.12E-07
1169	624641.54	4265372.32	1.14E-06	3.63E-07	1.50E-06	9.54E-07	2.71E-07	1.23E-06	2.26E-07	6.95E-08	2.95E-07	1.76E-07	3.35E-08	2.10E-07
1170	624631.63	4265372.18	1.13E-06	3.58E-07	1.49E-06	9.43E-07	2.68E-07	1.21E-06	2.23E-07	6.86E-08	2.92E-07	1.74E-07	3.30E-08	2.07E-07
1171	624621.72	4265372.04	1.11E-06	3.53E-07	1.47E-06	9.30E-07	2.65E-07	1.19E-06	2.20E-07	6.77E-08	2.88E-07	1.72E-07	3.26E-08	2.04E-07
1172	624611.81	4265371.9	1.10E-06	3.48E-07	1.45E-06	9.17E-07	2.61E-07	1.18E-06	2.17E-07	6.68E-08	2.84E-07	1.69E-07	3.22E-08	2.01E-07
1173	624601.9	4265371.77	1.08E-06	3.43E-07	1.42E-06	9.03E-07	2.57E-07	1.16E-06	2.14E-07	6.58E-08	2.80E-07	1.67E-07	3.17E-08	1.98E-07
1174	624591.99	4265371.63	1.06E-06	3.38E-07	1.40E-06	8.89E-07	2.53E-07	1.14E-06	2.11E-07	6.47E-08	2.75E-07	1.64E-07	3.12E-08	1.95E-07
1175	624582.08	4265371.49	1.05E-06	3.32E-07	1.38E-06	8.75E-07	2.49E-07	1.12E-06	2.07E-07	6.37E-08	2.71E-07	1.61E-07	3.07E-08	1.92E-07
1176	624572.17	4265371.35	1.03E-06	3.27E-07	1.36E-06	8.60E-07	2.45E-07	1.10E-06	2.04E-07	6.26E-08	2.66E-07	1.59E-07	3.01E-08	1.89E-07
1177	624562.27	4265371.22	1.01E-06	3.21E-07	1.33E-06	8.44E-07	2.40E-07	1.08E-06	2.00E-07	6.15E-08	2.61E-07	1.56E-07	2.96E-08	1.85E-07
1178	624552.36	4265371.08	9.91E-07	3.15E-07	1.31E-06	8.28E-07	2.36E-07	1.06E-06	1.96E-07	6.03E-08	2.57E-07	1.53E-07	2.91E-08	1.82E-07
1179	624542.45	4265370.94	9.72E-07	3.09E-07	1.28E-06	8.13E-07	2.31E-07	1.04E-06	1.92E-07	5.91E-08	2.52E-07	1.50E-07	2.85E-08	1.78E-07
1180	624532.54	4265370.8	9.53E-07	3.03E-07	1.26E-06	7.97E-07	2.27E-07	1.02E-06	1.89E-07	5.80E-08	2.47E-07	1.47E-07	2.79E-08	1.75E-07

1181	624522.63	4265370.67	9.34E-07	2.97E-07	1.23E-06	7.81E-07	2.22E-07	1.00E-06	1.85E-07	5.69E-08	2.42E-07	1.44E-07	2.74E-08	1.72E-07
1182	624512.72	4265370.53	9.16E-07	2.91E-07	1.21E-06	7.66E-07	2.18E-07	9.83E-07	1.81E-07	5.57E-08	2.37E-07	1.41E-07	2.68E-08	1.68E-07
1183	624502.81	4265370.39	8.98E-07	2.85E-07	1.18E-06	7.50E-07	2.13E-07	9.64E-07	1.78E-07	5.46E-08	2.32E-07	1.38E-07	2.63E-08	1.65E-07
1184	624492.9	4265370.26	8.80E-07	2.79E-07	1.16E-06	7.35E-07	2.09E-07	9.44E-07	1.74E-07	5.35E-08	2.28E-07	1.36E-07	2.58E-08	1.62E-07
1185	624483	4265370.12	8.62E-07	2.74E-07	1.14E-06	7.20E-07	2.05E-07	9.25E-07	1.71E-07	5.24E-08	2.23E-07	1.33E-07	2.53E-08	1.58E-07
1186	624473.09	4265369.98	8.45E-07	2.68E-07	1.11E-06	7.06E-07	2.01E-07	9.07E-07	1.67E-07	5.14E-08	2.19E-07	1.30E-07	2.48E-08	1.55E-07
1187	624463.18	4265369.84	8.28E-07	2.63E-07	1.09E-06	6.92E-07	1.97E-07	8.89E-07	1.64E-07	5.04E-08	2.14E-07	1.28E-07	2.43E-08	1.52E-07
1188	624453.27	4265369.71	8.11E-07	2.58E-07	1.07E-06	6.78E-07	1.93E-07	8.71E-07	1.61E-07	4.94E-08	2.10E-07	1.25E-07	2.38E-08	1.49E-07
1189	624443.36	4265369.57	7.95E-07	2.53E-07	1.05E-06	6.65E-07	1.89E-07	8.54E-07	1.57E-07	4.84E-08	2.06E-07	1.23E-07	2.33E-08	1.46E-07
1190	624433.45	4265369.43	7.79E-07	2.47E-07	1.03E-06	6.51E-07	1.85E-07	8.37E-07	1.54E-07	4.74E-08	2.02E-07	1.20E-07	2.28E-08	1.43E-07
1191	624423.54	4265369.29	7.64E-07	2.42E-07	1.01E-06	6.38E-07	1.82E-07	8.20E-07	1.51E-07	4.65E-08	1.98E-07	1.18E-07	2.24E-08	1.40E-07
1192	624413.63	4265369.16	7.48E-07	2.38E-07	9.86E-07	6.25E-07	1.78E-07	8.03E-07	1.48E-07	4.55E-08	1.94E-07	1.15E-07	2.19E-08	1.37E-07
1193	624403.72	4265369.02	7.33E-07	2.33E-07	9.65E-07	6.12E-07	1.74E-07	7.86E-07	1.45E-07	4.46E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
1194	624393.82	4265368.88	7.17E-07	2.28E-07	9.45E-07	6.00E-07	1.71E-07	7.70E-07	1.42E-07	4.36E-08	1.86E-07	1.11E-07	2.10E-08	1.32E-07
1195	624383.91	4265368.74	7.02E-07	2.23E-07	9.25E-07	5.87E-07	1.67E-07	7.54E-07	1.39E-07	4.27E-08	1.82E-07	1.08E-07	2.06E-08	1.29E-07
1196	624374	4265368.61	6.87E-07	2.18E-07	9.06E-07	5.74E-07	1.63E-07	7.38E-07	1.36E-07	4.18E-08	1.78E-07	1.06E-07	2.01E-08	1.26E-07
1197	624364.09	4265368.47	6.73E-07	2.14E-07	8.86E-07	5.62E-07	1.60E-07	7.22E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.24E-07
1198	624869.02	4265329.14	1.05E-06	3.35E-07	1.39E-06	8.81E-07	2.51E-07	1.13E-06	2.09E-07	6.42E-08	2.73E-07	1.63E-07	3.09E-08	1.94E-07
1199	624877.82	4265332.93	1.06E-06	3.36E-07	1.39E-06	8.85E-07	2.52E-07	1.14E-06	2.09E-07	6.44E-08	2.74E-07	1.63E-07	3.10E-08	1.94E-07
1200	624886.62	4265336.73	1.06E-06	3.37E-07	1.40E-06	8.87E-07	2.52E-07	1.14E-06	2.10E-07	6.46E-08	2.75E-07	1.64E-07	3.11E-08	1.95E-07
1201	624895.42	4265340.52	1.06E-06	3.38E-07	1.40E-06	8.89E-07	2.53E-07	1.14E-06	2.11E-07	6.47E-08	2.75E-07	1.64E-07	3.12E-08	1.95E-07
1202	624904.22	4265344.32	1.07E-06	3.38E-07	1.40E-06	8.90E-07	2.53E-07	1.14E-06	2.11E-07	6.48E-08	2.76E-07	1.64E-07	3.12E-08	1.96E-07
1203	624913.01	4265348.11	1.07E-06	3.38E-07	1.40E-06	8.91E-07	2.53E-07	1.14E-06	2.11E-07	6.48E-08	2.76E-07	1.64E-07	3.12E-08	1.96E-07
1204	624921.81	4265351.91	1.07E-06	3.38E-07	1.40E-06	8.90E-07	2.53E-07	1.14E-06	2.11E-07	6.48E-08	2.76E-07	1.64E-07	3.12E-08	1.96E-07
1205	624930.61	4265355.7	1.06E-06	3.38E-07	1.40E-06	8.89E-07	2.53E-07	1.14E-06	2.10E-07	6.47E-08	2.75E-07	1.64E-07	3.12E-08	1.95E-07
1206	624939.41	4265359.5	1.06E-06	3.37E-07	1.40E-06	8.87E-07	2.52E-07	1.14E-06	2.10E-07	6.45E-08	2.74E-07	1.64E-07	3.11E-08	1.95E-07
1207	624948.21	4265363.29	1.06E-06	3.35E-07	1.39E-06	8.83E-07	2.51E-07	1.13E-06	2.09E-07	6.43E-08	2.73E-07	1.63E-07	3.10E-08	1.94E-07
1208	624957.01	4265367.09	1.05E-06	3.34E-07	1.38E-06	8.78E-07	2.50E-07	1.13E-06	2.08E-07	6.39E-08	2.72E-07	1.62E-07	3.08E-08	1.93E-07
1209	624965.81	4265370.88	1.04E-06	3.32E-07	1.38E-06	8.73E-07	2.48E-07	1.12E-06	2.07E-07	6.35E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
1210	624974.6	4265374.68	1.04E-06	3.29E-07	1.36E-06	8.66E-07	2.46E-07	1.11E-06	2.05E-07	6.30E-08	2.68E-07	1.60E-07	3.04E-08	1.90E-07
1211	624983.4	4265378.47	1.03E-06	3.26E-07	1.35E-06	8.58E-07	2.44E-07	1.10E-06	2.03E-07	6.25E-08	2.66E-07	1.58E-07	3.01E-08	1.88E-07
1212	624992.2	4265382.27	1.02E-06	3.23E-07	1.34E-06	8.49E-07	2.41E-07	1.09E-06	2.01E-07	6.18E-08	2.63E-07	1.57E-07	2.98E-08	1.86E-07
1213	625001	4265386.06	1.00E-06	3.19E-07	1.32E-06	8.39E-07	2.39E-07	1.08E-06	1.99E-07	6.11E-08	2.60E-07	1.55E-07	2.94E-08	1.84E-07
1214	625009.8	4265389.86	9.90E-07	3.14E-07	1.30E-06	8.28E-07	2.35E-07	1.06E-06	1.96E-07	6.03E-08	2.56E-07	1.53E-07	2.90E-08	1.82E-07
1215	625018.6	4265393.65	9.76E-07	3.10E-07	1.29E-06	8.16E-07	2.32E-07	1.05E-06	1.93E-07	5.94E-08	2.53E-07	1.51E-07	2.86E-08	1.79E-07
1216	625027.39	4265397.45	9.61E-07	3.05E-07	1.27E-06	8.03E-07	2.28E-07	1.03E-06	1.90E-07	5.85E-08	2.49E-07	1.48E-07	2.82E-08	1.76E-07
1217	625036.19	4265401.24	9.45E-07	3.00E-07	1.25E-06	7.90E-07	2.25E-07	1.01E-06	1.87E-07	5.75E-08	2.45E-07	1.46E-07	2.77E-08	1.74E-07
1218	625044.99	4265405.04	9.28E-07	2.95E-07	1.22E-06	7.76E-07	2.21E-07	9.97E-07	1.84E-07	5.65E-08	2.40E-07	1.43E-07	2.72E-08	1.70E-07
1219	625053.79	4265408.83	9.11E-07	2.89E-07	1.20E-06	7.62E-07	2.17E-07	9.78E-07	1.80E-07	5.55E-08	2.36E-07	1.41E-07	2.67E-08	1.67E-07
1220	625062.59	4265412.63	8.94E-07	2.84E-07	1.18E-06	7.47E-07	2.13E-07	9.60E-07	1.77E-07	5.44E-08	2.31E-07	1.38E-07	2.62E-08	1.64E-07
1221	625071.39	4265416.42	8.76E-07	2.78E-07	1.15E-06	7.33E-07	2.08E-07	9.41E-07	1.73E-07	5.33E-08	2.27E-07	1.35E-07	2.57E-08	1.61E-07
1222	625080.19	4265420.22	8.59E-07	2.73E-07	1.13E-06	7.18E-07	2.04E-07	9.22E-07	1.70E-07	5.23E-08	2.22E-07	1.33E-07	2.52E-08	1.58E-07
1223	625088.98	4265424.01	8.41E-07	2.67E-07	1.11E-06	7.03E-07	2.00E-07	9.03E-07	1.67E-07	5.12E-08	2.18E-07	1.30E-07	2.47E-08	1.54E-07
1224	625097.78	4265427.81	8.24E-07	2.62E-07	1.09E-06	6.89E-07	1.96E-07	8.84E-07	1.63E-07	5.01E-08	2.13E-07	1.27E-07	2.41E-08	1.51E-07
1225	625110.11	4265440.51	8.05E-07	2.56E-07	1.06E-06	6.73E-07	1.91E-07	8.64E-07	1.59E-07	4.90E-08	2.08E-07	1.24E-07	2.36E-08	1.48E-07
1226	625113.63	4265449.42	8.03E-07	2.55E-07	1.06E-06	6.71E-07	1.91E-07	8.62E-07	1.59E-07	4.89E-08	2.08E-07	1.24E-07	2.35E-08	1.47E-07
1227	625117.16	4265458.33	8.01E-07	2.54E-07	1.06E-06	6.69E-07	1.90E-07	8.60E-07	1.59E-07	4.87E-08	2.07E-07	1.24E-07	2.35E-08	1.47E-07
1228	625120.69	4265467.24	7.98E-07	2.54E-07	1.05E-06	6.67E-07	1.90E-07	8.57E-07	1.58E-07	4.86E-08	2.07E-07	1.23E-07	2.34E-08	1.47E-07
1229	625124.21	4265476.15	7.96E-07	2.53E-07	1.05E-06	6.65E-07	1.89E-07	8.54E-07	1.57E-07	4.84E-08	2.06E-07	1.23E-07	2.33E-08	1.46E-07
1230	625127.74	4265485.06	7.93E-07	2.52E-07	1.04E-06	6.62E-07	1.88E-07	8.51E-07	1.57E-07	4.82E-08	2.05E-07	1.22E-07	2.32E-08	1.46E-07
1231	625131.27	4265493.97	7.89E-07	2.51E-07	1.04E-06	6.60E-07	1.88E-07	8.47E-07	1.56E-07	4.80E-08	2.04E-07	1.22E-07	2.31E-08	1.45E-07
1232	625134.79	4265502.88	7.86E-07	2.49E-07	1.04E-06	6.57E-07	1.87E-07	8.43E-07	1.55E-07	4.78E-08	2.03E-07	1.21E-07	2.30E-08	1.44E-07
1233	625138.32	4265511.79	7.81E-07	2.48E-07	1.03E-06	6.53E-07	1.86E-07	8.39E-07	1.55E-07	4.75E-08	2.02E-07	1.21E-07	2.29E-08	1.43E-07
1234	625141.85	4265520.7	7.77E-07	2.47E-07	1.02E-06	6.49E-07	1.85E-07	8.34E-07	1.54E-07	4.73E-08	2.01E-07	1.20E-07	2.28E-08	1.43E-07
1235	625145.37	4265529.61	7.72E-07	2.45E-07	1.02E-06	6.46E-07	1.84E-07	8.29E-07	1.53E-07	4.70E-08	2.00E-07	1.19E-07	2.26E-08	1.42E-07
1236	625148.9	4265538.52	7.67E-07	2.44E-07	1.01E-06	6.41E-07	1.82E-07	8.24E-07	1.52E-07	4.67E-08	1.99E-07	1.18E-07	2.25E-08	1.41E-07
1237	625152.43	4265547.43	7.62E-07	2.42E-07	1.00E-06	6.37E-07	1.81E-07	8.18E-07	1.51E-07	4.64E-08	1.97E-07	1.18E-07	2.23E-08	1.40E-07
1238	625155.95	4265556.34	7.56E-07	2.40E-07	9.96E-07	6.32E-07	1.80E-07	8.12E-07	1.50E-07	4.60E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
1239	625159.48	4265565.25	7.50E-07	2.38E-07	9.89E-07	6.27E-07	1.78E-07	8.06E-07	1.49E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
1240	625163.01	4265574.16	7.44E-07	2.36E-07	9.80E-07	6.22E-07	1.77E-07	7.99E-07	1.47E-07	4.53E-08	1.93E-07	1.15E-07	2.18E-08	1.37E-07
1241	625166.53	4265583.07	7.38E-07	2.34E-07	9.72E-07	6.16E-07	1.75E-07	7.92E-07	1.46E-07	4.49E-08	1.91E-07	1.14E-07	2.16E-08	1.35E-07
1242	625170.06	4265591.98	7.31E-07	2.32E-07	9.63E-07	6.11E-07	1.74E-07	7.84E-07	1.45E-07	4.45E-08	1.89E-07	1.13E-07	2.14E-08	1.34E-07
1243	625173.58	4265600.89	7.24E-07	2.30E-07	9.53E-07	6.05E-07	1.72E-07	7.77E-07	1.43E-07	4.40E-08	1.87E-07	1.12E-07	2.12E-08	1.33E-07
1244	625177.11	4265609.8	7.16E-07	2.27E-07	9.44E-07	5.99E-07	1.70E-07	7.69E-07	1.42E-07	4.36E-08	1.85E-07	1.11E-07	2.10E-08	1.31E-07
1245	625180.64	4265618.7	7.08E-07	2.25E-07	9.33E-07	5.92E-07	1.68E-07	7.61E-07	1.40E-07	4.31E-08	1.83E-07	1.09E-07	2.08E-08	1.30E-07
1246	625184.16	4265627.61	7.01E-07	2.22E-07	9.23E-07	5.86E-07	1.67E-07	7.52E-07	1.39E-07	4.26E-08	1.81E-07	1.08E-07	2.05E-08	1.29E-07
1247	625187.69	4265636.52	6.92E-07	2.20E-07	9.12E-07	5.79E-07	1.65E-07	7.43E-07	1.37E-07	4.21E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
1248	625191.22	4265645.43	6.84E-07	2.17E-07	9.01E-07	5.72E-07	1.63E-07	7.34E-07	1.35E-07	4.16E-08	1.77E-07	1.06E-07	2.00E-08	1.26E-07
1249	625194.74	4265654.34	6.75E-07	2.14E-07	8.90E-07	5.64E-07	1.61E-07	7.25E-07	1.34E-07	4.11E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
1250	625198.27	4265663.25	6.66E-07	2.12E-07	8.78E-07	5.57E-07	1.58E-07	7.15E-07	1.32E-07	4.05E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07
1251	625201.8	4265672.16	6.57E-07	2.09E-07	8.66E-07	5.49E-07	1.56E-07	7.06E-07	1.30E-07	4.00E-08	1.70E-07	1.01E-07	1.93E-08	1.21E-07
1252	624860.22	4265325.34	1.05E-06	3.33E-07	1.38E-06	8.77E-07	2.50E-07	1.13E-06	2.08E-07	6.39E-08	2.72E-07	1.62E-07	3.08E-08	1.93E-07
1253	624850.31	4265325.21	1.06E-06	3.35E-07	1.39E-06	8.82E-07	2.51E-07	1.13E-06	2.09E-07	6.42E-08	2.73E-07	1.63E-07	3.09E-08	1.94E-07
1254	624840.41	4265325.07	1.06E-06	3.37E-07	1.40E-06	8.87E-07	2.52E-07	1.14E-06	2.10E-07	6.46E-08	2.75E-07	1.64E-07	3.11E-08	1.95E-07

1255	624830.5	4265324.93	1.07E-06	3.38E-07	1.40E-06	8.91E-07	2.53E-07	1.14E-06	2.11E-07	6.48E-08	2.76E-07	1.64E-07	3.12E-08	1.96E-07
1256	624820.59	4265324.79	1.07E-06	3.40E-07	1.41E-06	8.94E-07	2.54E-07	1.15E-06	2.12E-07	6.51E-08	2.77E-07	1.65E-07	3.13E-08	1.96E-07
1257	624810.68	4265324.66	1.07E-06	3.41E-07	1.41E-06	8.96E-07	2.55E-07	1.15E-06	2.12E-07	6.52E-08	2.78E-07	1.65E-07	3.14E-08	1.97E-07
1258	624800.77	4265324.52	1.07E-06	3.41E-07	1.42E-06	8.98E-07	2.55E-07	1.15E-06	2.13E-07	6.54E-08	2.78E-07	1.66E-07	3.15E-08	1.97E-07
1259	624790.86	4265324.38	1.08E-06	3.41E-07	1.42E-06	8.99E-07	2.56E-07	1.15E-06	2.13E-07	6.54E-08	2.78E-07	1.66E-07	3.15E-08	1.97E-07
1260	624780.95	4265324.24	1.07E-06	3.41E-07	1.42E-06	8.98E-07	2.56E-07	1.15E-06	2.13E-07	6.54E-08	2.78E-07	1.66E-07	3.15E-08	1.97E-07
1261	624771.04	4265324.11	1.07E-06	3.41E-07	1.41E-06	8.97E-07	2.55E-07	1.15E-06	2.12E-07	6.53E-08	2.78E-07	1.66E-07	3.15E-08	1.97E-07
1262	624761.13	4265323.97	1.07E-06	3.40E-07	1.41E-06	8.95E-07	2.55E-07	1.15E-06	2.12E-07	6.51E-08	2.77E-07	1.65E-07	3.14E-08	1.97E-07
1263	624751.23	4265323.83	1.07E-06	3.39E-07	1.40E-06	8.91E-07	2.53E-07	1.14E-06	2.11E-07	6.49E-08	2.76E-07	1.65E-07	3.12E-08	1.96E-07
1264	624741.32	4265323.69	1.06E-06	3.37E-07	1.40E-06	8.86E-07	2.52E-07	1.14E-06	2.10E-07	6.45E-08	2.74E-07	1.64E-07	3.11E-08	1.95E-07
1265	624731.41	4265323.56	1.05E-06	3.34E-07	1.39E-06	8.80E-07	2.50E-07	1.13E-06	2.08E-07	6.41E-08	2.73E-07	1.63E-07	3.09E-08	1.93E-07
1266	624721.5	4265323.42	1.04E-06	3.32E-07	1.38E-06	8.73E-07	2.48E-07	1.12E-06	2.07E-07	6.36E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
1267	624711.59	4265323.28	1.04E-06	3.29E-07	1.36E-06	8.65E-07	2.46E-07	1.11E-06	2.05E-07	6.30E-08	2.68E-07	1.60E-07	3.03E-08	1.90E-07
1268	624701.68	4265323.15	1.03E-06	3.26E-07	1.35E-06	8.57E-07	2.44E-07	1.10E-06	2.03E-07	6.24E-08	2.65E-07	1.58E-07	3.01E-08	1.88E-07
1269	624691.77	4265323.01	1.02E-06	3.22E-07	1.34E-06	8.48E-07	2.41E-07	1.09E-06	2.01E-07	6.18E-08	2.63E-07	1.57E-07	2.97E-08	1.86E-07
1270	624681.86	4265322.87	1.00E-06	3.19E-07	1.32E-06	8.39E-07	2.39E-07	1.08E-06	1.99E-07	6.11E-08	2.60E-07	1.55E-07	2.94E-08	1.84E-07
1271	624671.96	4265322.73	9.92E-07	3.15E-07	1.31E-06	8.29E-07	2.36E-07	1.07E-06	1.96E-07	6.04E-08	2.57E-07	1.53E-07	2.91E-08	1.82E-07
1272	624662.05	4265322.6	9.80E-07	3.11E-07	1.29E-06	8.19E-07	2.33E-07	1.05E-06	1.94E-07	5.96E-08	2.54E-07	1.51E-07	2.87E-08	1.80E-07
1273	624652.14	4265322.46	9.68E-07	3.07E-07	1.28E-06	8.09E-07	2.30E-07	1.04E-06	1.92E-07	5.89E-08	2.50E-07	1.49E-07	2.84E-08	1.78E-07
1274	624642.23	4265322.32	9.55E-07	3.03E-07	1.26E-06	7.98E-07	2.27E-07	1.03E-06	1.89E-07	5.81E-08	2.47E-07	1.47E-07	2.80E-08	1.75E-07
1275	624632.32	4265322.18	9.42E-07	2.99E-07	1.24E-06	7.88E-07	2.24E-07	1.01E-06	1.86E-07	5.73E-08	2.44E-07	1.45E-07	2.76E-08	1.73E-07
1276	624622.41	4265322.05	9.29E-07	2.95E-07	1.22E-06	7.77E-07	2.21E-07	9.98E-07	1.84E-07	5.65E-08	2.40E-07	1.43E-07	2.72E-08	1.71E-07
1277	624612.5	4265321.91	9.16E-07	2.91E-07	1.21E-06	7.65E-07	2.18E-07	9.83E-07	1.81E-07	5.57E-08	2.37E-07	1.41E-07	2.68E-08	1.68E-07
1278	624602.59	4265321.77	9.02E-07	2.87E-07	1.19E-06	7.54E-07	2.15E-07	9.69E-07	1.79E-07	5.49E-08	2.34E-07	1.39E-07	2.64E-08	1.66E-07
1279	624592.69	4265321.63	8.89E-07	2.82E-07	1.17E-06	7.43E-07	2.11E-07	9.54E-07	1.76E-07	5.41E-08	2.30E-07	1.37E-07	2.60E-08	1.63E-07
1280	624582.78	4265321.5	8.75E-07	2.78E-07	1.15E-06	7.31E-07	2.08E-07	9.39E-07	1.73E-07	5.32E-08	2.26E-07	1.35E-07	2.56E-08	1.61E-07
1281	624572.87	4265321.36	8.61E-07	2.73E-07	1.13E-06	7.20E-07	2.05E-07	9.25E-07	1.70E-07	5.24E-08	2.23E-07	1.33E-07	2.52E-08	1.58E-07
1282	624562.96	4265321.22	8.47E-07	2.69E-07	1.12E-06	7.08E-07	2.01E-07	9.10E-07	1.68E-07	5.16E-08	2.19E-07	1.31E-07	2.48E-08	1.56E-07
1283	624553.05	4265321.08	8.33E-07	2.65E-07	1.10E-06	6.97E-07	1.98E-07	8.95E-07	1.65E-07	5.07E-08	2.16E-07	1.29E-07	2.44E-08	1.53E-07
1284	624543.14	4265320.95	8.20E-07	2.60E-07	1.08E-06	6.85E-07	1.95E-07	8.80E-07	1.62E-07	4.99E-08	2.12E-07	1.26E-07	2.40E-08	1.50E-07
1285	624533.23	4265320.81	8.06E-07	2.56E-07	1.06E-06	6.74E-07	1.92E-07	8.65E-07	1.60E-07	4.90E-08	2.09E-07	1.24E-07	2.36E-08	1.48E-07
1286	624523.32	4265320.67	7.92E-07	2.52E-07	1.04E-06	6.62E-07	1.88E-07	8.50E-07	1.57E-07	4.82E-08	2.05E-07	1.22E-07	2.32E-08	1.45E-07
1287	624513.41	4265320.53	7.78E-07	2.47E-07	1.03E-06	6.51E-07	1.85E-07	8.36E-07	1.54E-07	4.74E-08	2.01E-07	1.20E-07	2.28E-08	1.43E-07
1288	624503.51	4265320.4	7.65E-07	2.43E-07	1.01E-06	6.39E-07	1.82E-07	8.21E-07	1.51E-07	4.65E-08	1.98E-07	1.18E-07	2.24E-08	1.40E-07
1289	624493.6	4265320.26	7.52E-07	2.39E-07	9.91E-07	6.29E-07	1.79E-07	8.07E-07	1.49E-07	4.58E-08	1.95E-07	1.16E-07	2.20E-08	1.38E-07
1290	624483.69	4265320.12	7.39E-07	2.35E-07	9.74E-07	6.18E-07	1.76E-07	7.94E-07	1.46E-07	4.50E-08	1.91E-07	1.14E-07	2.17E-08	1.36E-07
1291	624473.78	4265319.99	7.27E-07	2.31E-07	9.58E-07	6.08E-07	1.73E-07	7.80E-07	1.44E-07	4.42E-08	1.88E-07	1.12E-07	2.13E-08	1.33E-07
1292	624463.87	4265319.85	7.15E-07	2.27E-07	9.42E-07	5.97E-07	1.70E-07	7.67E-07	1.41E-07	4.35E-08	1.85E-07	1.10E-07	2.09E-08	1.31E-07
1293	624453.96	4265319.71	7.03E-07	2.23E-07	9.26E-07	5.87E-07	1.67E-07	7.54E-07	1.39E-07	4.28E-08	1.82E-07	1.08E-07	2.06E-08	1.29E-07
1294	624444.05	4265319.57	6.91E-07	2.19E-07	9.10E-07	5.77E-07	1.64E-07	7.42E-07	1.37E-07	4.20E-08	1.79E-07	1.07E-07	2.02E-08	1.27E-07
1295	624434.14	4265319.44	6.79E-07	2.16E-07	8.94E-07	5.67E-07	1.61E-07	7.29E-07	1.34E-07	4.13E-08	1.76E-07	1.05E-07	1.99E-08	1.25E-07
1296	624424.24	4265319.3	6.67E-07	2.12E-07	8.79E-07	5.57E-07	1.59E-07	7.16E-07	1.32E-07	4.06E-08	1.73E-07	1.03E-07	1.95E-08	1.22E-07
1297	624414.33	4265319.16	6.55E-07	2.08E-07	8.63E-07	5.48E-07	1.56E-07	7.03E-07	1.30E-07	3.99E-08	1.70E-07	1.01E-07	1.92E-08	1.20E-07
1298	624404.42	4265319.02	6.43E-07	2.04E-07	8.47E-07	5.38E-07	1.53E-07	6.91E-07	1.27E-07	3.91E-08	1.66E-07	9.93E-08	1.89E-08	1.18E-07
1299	624394.51	4265318.89	6.31E-07	2.01E-07	8.32E-07	5.28E-07	1.50E-07	6.78E-07	1.25E-07	3.84E-08	1.63E-07	9.74E-08	1.85E-08	1.16E-07
1300	624384.6	4265318.75	6.20E-07	1.97E-07	8.17E-07	5.18E-07	1.47E-07	6.65E-07	1.23E-07	3.77E-08	1.60E-07	9.56E-08	1.82E-08	1.14E-07
1301	624374.69	4265318.61	6.08E-07	1.93E-07	8.01E-07	5.08E-07	1.45E-07	6.53E-07	1.20E-07	3.70E-08	1.57E-07	9.38E-08	1.78E-08	1.12E-07
1302	624364.78	4265318.47	5.97E-07	1.90E-07	7.86E-07	4.99E-07	1.42E-07	6.41E-07	1.18E-07	3.63E-08	1.54E-07	9.21E-08	1.75E-08	1.10E-07
1303	624870	4265279.27	9.27E-07	2.94E-07	1.22E-06	7.75E-07	2.20E-07	9.95E-07	1.83E-07	5.64E-08	2.40E-07	1.43E-07	2.72E-08	1.70E-07
1304	624879.08	4265283.18	9.32E-07	2.96E-07	1.23E-06	7.79E-07	2.21E-07	1.00E-06	1.84E-07	5.67E-08	2.41E-07	1.44E-07	2.73E-08	1.71E-07
1305	624888.16	4265287.1	9.35E-07	2.97E-07	1.23E-06	7.82E-07	2.22E-07	1.00E-06	1.85E-07	5.69E-08	2.42E-07	1.44E-07	2.74E-08	1.72E-07
1306	624897.25	4265291.02	9.39E-07	2.98E-07	1.24E-06	7.85E-07	2.23E-07	1.01E-06	1.86E-07	5.71E-08	2.43E-07	1.45E-07	2.75E-08	1.72E-07
1307	624906.33	4265294.94	9.41E-07	2.99E-07	1.24E-06	7.87E-07	2.24E-07	1.01E-06	1.86E-07	5.73E-08	2.44E-07	1.45E-07	2.76E-08	1.73E-07
1308	624915.41	4265298.85	9.43E-07	3.00E-07	1.24E-06	7.88E-07	2.24E-07	1.01E-06	1.87E-07	5.74E-08	2.44E-07	1.46E-07	2.76E-08	1.73E-07
1309	624924.49	4265302.77	9.44E-07	3.00E-07	1.24E-06	7.89E-07	2.25E-07	1.01E-06	1.87E-07	5.75E-08	2.44E-07	1.46E-07	2.77E-08	1.73E-07
1310	624933.57	4265306.69	9.45E-07	3.00E-07	1.24E-06	7.90E-07	2.25E-07	1.01E-06	1.87E-07	5.75E-08	2.45E-07	1.46E-07	2.77E-08	1.73E-07
1311	624942.66	4265310.61	9.44E-07	3.00E-07	1.24E-06	7.89E-07	2.25E-07	1.01E-06	1.87E-07	5.75E-08	2.44E-07	1.46E-07	2.77E-08	1.73E-07
1312	624951.74	4265314.52	9.43E-07	2.99E-07	1.24E-06	7.88E-07	2.24E-07	1.01E-06	1.87E-07	5.74E-08	2.44E-07	1.45E-07	2.76E-08	1.73E-07
1313	624960.82	4265318.44	9.40E-07	2.99E-07	1.24E-06	7.86E-07	2.24E-07	1.01E-06	1.86E-07	5.72E-08	2.43E-07	1.45E-07	2.76E-08	1.73E-07
1314	624969.9	4265322.36	9.36E-07	2.97E-07	1.23E-06	7.83E-07	2.23E-07	1.01E-06	1.85E-07	5.70E-08	2.42E-07	1.44E-07	2.74E-08	1.72E-07
1315	624978.99	4265326.27	9.32E-07	2.96E-07	1.23E-06	7.79E-07	2.21E-07	1.00E-06	1.84E-07	5.67E-08	2.41E-07	1.44E-07	2.73E-08	1.71E-07
1316	624988.07	4265330.19	9.26E-07	2.94E-07	1.22E-06	7.74E-07	2.20E-07	9.94E-07	1.83E-07	5.63E-08	2.40E-07	1.43E-07	2.71E-08	1.70E-07
1317	624997.15	4265334.11	9.18E-07	2.92E-07	1.21E-06	7.68E-07	2.18E-07	9.86E-07	1.82E-07	5.59E-08	2.38E-07	1.42E-07	2.69E-08	1.69E-07
1318	625006.23	4265338.03	9.10E-07	2.89E-07	1.20E-06	7.61E-07	2.16E-07	9.77E-07	1.80E-07	5.54E-08	2.36E-07	1.40E-07	2.67E-08	1.67E-07
1319	625015.32	4265341.94	9.01E-07	2.86E-07	1.19E-06	7.53E-07	2.14E-07	9.67E-07	1.78E-07	5.48E-08	2.33E-07	1.39E-07	2.64E-08	1.65E-07
1320	625024.4	4265345.86	8.90E-07	2.83E-07	1.17E-06	7.44E-07	2.12E-07	9.56E-07	1.76E-07	5.42E-08	2.30E-07	1.37E-07	2.61E-08	1.64E-07
1321	625033.48	4265349.78	8.79E-07	2.79E-07	1.16E-06	7.35E-07	2.09E-07	9.44E-07	1.74E-07	5.35E-08	2.28E-07	1.36E-07	2.58E-08	1.61E-07
1322	625042.56	4265353.7	8.67E-07	2.75E-07	1.14E-06	7.25E-07	2.06E-07	9.31E-07	1.72E-07	5.27E-08	2.24E-07	1.34E-07	2.54E-08	1.59E-07
1323	625051.65	4265357.61	8.54E-07	2.71E-07	1.13E-06	7.14E-07	2.03E-07	9.17E-07	1.69E-07	5.20E-08	2.21E-07	1.32E-07	2.50E-08	1.57E-07
1324	625060.73	4265361.53	8.40E-07	2.67E-07	1.11E-06	7.02E-07	2.00E-07	9.02E-07	1.66E-07	5.11E-08	2.17E-07	1.30E-07	2.46E-08	1.54E-07
1325	625069.81	4265365.45	8.26E-07	2.62E-07	1.09E-06	6.91E-07	1.96E-07	8.87E-07	1.64E-07	5.03E-08	2.14E-07	1.28E-07	2.42E-08	1.52E-07
1326	625078.89	4265369.37	8.12E-07	2.58E-07	1.07E-06	6.79E-07	1.93E-07	8.72E-07	1.61E-07	4.94E-08	2.10E-07	1.25E-07	2.38E-08	1.49E-07
1327	625087.97	4265373.28	7.97E-07	2.53E-07	1.05E-06	6.66E-07	1.89E-07	8.56E-07	1.58E-07	4.85E-08	2.06E-07	1.23E-07	2.34E-08	1.46E-07
1328	625097.06	4265377.2	7.82E-07	2.48E-07	1.03E-06	6.54E-07	1.86E-07	8.39E-07	1.55E-07	4.76E-08	2.02E-07	1.21E-07	2.29E-08	1.44E-07

1329	625106.14	4265381.12	7.67E-07	2.44E-07	1.01E-06	6.41E-07	1.82E-07	8.23E-07	1.52E-07	4.67E-08	1.98E-07	1.18E-07	2.25E-08	1.41E-07
1330	625115.22	4265385.04	7.52E-07	2.39E-07	9.90E-07	6.28E-07	1.79E-07	8.07E-07	1.49E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
1331	625124.3	4265388.95	7.36E-07	2.34E-07	9.70E-07	6.15E-07	1.75E-07	7.91E-07	1.46E-07	4.48E-08	1.91E-07	1.14E-07	2.16E-08	1.35E-07
1332	625133.39	4265392.87	7.21E-07	2.29E-07	9.50E-07	6.03E-07	1.71E-07	7.74E-07	1.43E-07	4.39E-08	1.87E-07	1.11E-07	2.11E-08	1.32E-07
1333	625146.11	4265405.99	7.05E-07	2.24E-07	9.29E-07	5.89E-07	1.68E-07	7.57E-07	1.40E-07	4.29E-08	1.82E-07	1.09E-07	2.07E-08	1.29E-07
1334	625149.75	4265415.18	7.03E-07	2.23E-07	9.26E-07	5.88E-07	1.67E-07	7.55E-07	1.39E-07	4.28E-08	1.82E-07	1.09E-07	2.06E-08	1.29E-07
1335	625153.39	4265424.38	7.01E-07	2.23E-07	9.24E-07	5.86E-07	1.67E-07	7.53E-07	1.39E-07	4.27E-08	1.81E-07	1.08E-07	2.06E-08	1.29E-07
1336	625157.03	4265433.58	6.99E-07	2.22E-07	9.21E-07	5.84E-07	1.66E-07	7.51E-07	1.38E-07	4.25E-08	1.81E-07	1.08E-07	2.05E-08	1.28E-07
1337	625160.67	4265442.77	6.97E-07	2.21E-07	9.18E-07	5.82E-07	1.66E-07	7.48E-07	1.38E-07	4.24E-08	1.80E-07	1.07E-07	2.04E-08	1.28E-07
1338	625164.31	4265451.97	6.94E-07	2.20E-07	9.14E-07	5.80E-07	1.65E-07	7.45E-07	1.37E-07	4.22E-08	1.80E-07	1.07E-07	2.03E-08	1.27E-07
1339	625167.95	4265461.17	6.91E-07	2.19E-07	9.10E-07	5.78E-07	1.64E-07	7.42E-07	1.37E-07	4.20E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
1340	625171.59	4265470.36	6.88E-07	2.18E-07	9.06E-07	5.75E-07	1.64E-07	7.38E-07	1.36E-07	4.19E-08	1.78E-07	1.06E-07	2.02E-08	1.26E-07
1341	625175.23	4265479.56	6.84E-07	2.17E-07	9.02E-07	5.72E-07	1.63E-07	7.35E-07	1.35E-07	4.16E-08	1.77E-07	1.06E-07	2.01E-08	1.26E-07
1342	625178.87	4265488.76	6.81E-07	2.16E-07	8.97E-07	5.69E-07	1.62E-07	7.31E-07	1.35E-07	4.14E-08	1.76E-07	1.05E-07	2.00E-08	1.25E-07
1343	625182.51	4265497.96	6.77E-07	2.15E-07	8.92E-07	5.66E-07	1.61E-07	7.27E-07	1.34E-07	4.12E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
1344	625186.15	4265507.15	6.73E-07	2.14E-07	8.87E-07	5.62E-07	1.60E-07	7.22E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.24E-07
1345	625189.79	4265516.35	6.69E-07	2.12E-07	8.81E-07	5.59E-07	1.59E-07	7.18E-07	1.32E-07	4.07E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
1346	625193.43	4265525.55	6.64E-07	2.11E-07	8.75E-07	5.55E-07	1.58E-07	7.13E-07	1.31E-07	4.04E-08	1.72E-07	1.02E-07	1.95E-08	1.22E-07
1347	625197.07	4265534.74	6.60E-07	2.09E-07	8.69E-07	5.51E-07	1.57E-07	7.08E-07	1.31E-07	4.01E-08	1.71E-07	1.02E-07	1.93E-08	1.21E-07
1348	625200.71	4265543.94	6.55E-07	2.08E-07	8.62E-07	5.47E-07	1.56E-07	7.03E-07	1.30E-07	3.98E-08	1.69E-07	1.01E-07	1.92E-08	1.20E-07
1349	625204.35	4265553.14	6.49E-07	2.06E-07	8.56E-07	5.43E-07	1.54E-07	6.97E-07	1.29E-07	3.95E-08	1.68E-07	1.00E-07	1.90E-08	1.19E-07
1350	625207.99	4265562.33	6.44E-07	2.05E-07	8.49E-07	5.38E-07	1.53E-07	6.92E-07	1.28E-07	3.92E-08	1.67E-07	9.94E-08	1.89E-08	1.18E-07
1351	625211.63	4265571.53	6.39E-07	2.03E-07	8.41E-07	5.34E-07	1.52E-07	6.86E-07	1.26E-07	3.89E-08	1.65E-07	9.85E-08	1.87E-08	1.17E-07
1352	625215.27	4265580.73	6.33E-07	2.01E-07	8.34E-07	5.29E-07	1.50E-07	6.79E-07	1.25E-07	3.85E-08	1.64E-07	9.77E-08	1.85E-08	1.16E-07
1353	625218.91	4265589.92	6.27E-07	1.99E-07	8.26E-07	5.24E-07	1.49E-07	6.73E-07	1.24E-07	3.81E-08	1.62E-07	9.67E-08	1.84E-08	1.15E-07
1354	625222.55	4265599.12	6.21E-07	1.97E-07	8.18E-07	5.19E-07	1.48E-07	6.66E-07	1.23E-07	3.78E-08	1.61E-07	9.58E-08	1.82E-08	1.14E-07
1355	625226.19	4265608.32	6.14E-07	1.95E-07	8.09E-07	5.13E-07	1.46E-07	6.60E-07	1.22E-07	3.74E-08	1.59E-07	9.48E-08	1.80E-08	1.13E-07
1356	625229.83	4265617.52	6.08E-07	1.93E-07	8.01E-07	5.08E-07	1.44E-07	6.52E-07	1.20E-07	3.70E-08	1.57E-07	9.38E-08	1.78E-08	1.12E-07
1357	625233.47	4265626.71	6.01E-07	1.91E-07	7.92E-07	5.02E-07	1.43E-07	6.45E-07	1.19E-07	3.66E-08	1.55E-07	9.27E-08	1.76E-08	1.10E-07
1358	625237.11	4265635.91	5.94E-07	1.89E-07	7.82E-07	4.96E-07	1.41E-07	6.37E-07	1.18E-07	3.61E-08	1.54E-07	9.16E-08	1.74E-08	1.09E-07
1359	625240.75	4265645.11	5.86E-07	1.86E-07	7.73E-07	4.90E-07	1.39E-07	6.29E-07	1.16E-07	3.57E-08	1.52E-07	9.05E-08	1.72E-08	1.08E-07
1360	625244.4	4265654.3	5.79E-07	1.84E-07	7.63E-07	4.84E-07	1.38E-07	6.21E-07	1.15E-07	3.52E-08	1.50E-07	8.93E-08	1.70E-08	1.06E-07
1361	625248.04	4265663.5	5.71E-07	1.81E-07	7.52E-07	4.77E-07	1.36E-07	6.13E-07	1.13E-07	3.47E-08	1.48E-07	8.81E-08	1.67E-08	1.05E-07
1362	625251.68	4265672.7	5.63E-07	1.79E-07	7.42E-07	4.71E-07	1.34E-07	6.05E-07	1.11E-07	3.43E-08	1.46E-07	8.69E-08	1.65E-08	1.03E-07
1363	624860.92	4265275.35	9.22E-07	2.93E-07	1.21E-06	7.70E-07	2.19E-07	9.90E-07	1.82E-07	5.61E-08	2.39E-07	1.42E-07	2.70E-08	1.69E-07
1364	624851.01	4265275.21	9.25E-07	2.94E-07	1.22E-06	7.73E-07	2.20E-07	9.93E-07	1.83E-07	5.63E-08	2.39E-07	1.43E-07	2.71E-08	1.70E-07
1365	624841.1	4265275.07	9.27E-07	2.95E-07	1.22E-06	7.75E-07	2.21E-07	9.96E-07	1.84E-07	5.64E-08	2.40E-07	1.43E-07	2.72E-08	1.70E-07
1366	624831.19	4265274.94	9.29E-07	2.95E-07	1.22E-06	7.77E-07	2.21E-07	9.98E-07	1.84E-07	5.66E-08	2.41E-07	1.43E-07	2.72E-08	1.71E-07
1367	624821.28	4265274.8	9.31E-07	2.96E-07	1.23E-06	7.78E-07	2.21E-07	1.00E-06	1.84E-07	5.67E-08	2.41E-07	1.44E-07	2.73E-08	1.71E-07
1368	624811.37	4265274.66	9.32E-07	2.96E-07	1.23E-06	7.79E-07	2.22E-07	1.00E-06	1.84E-07	5.67E-08	2.41E-07	1.44E-07	2.73E-08	1.71E-07
1369	624801.46	4265274.52	9.32E-07	2.96E-07	1.23E-06	7.79E-07	2.22E-07	1.00E-06	1.84E-07	5.67E-08	2.41E-07	1.44E-07	2.73E-08	1.71E-07
1370	624791.55	4265274.39	9.31E-07	2.96E-07	1.23E-06	7.78E-07	2.21E-07	1.00E-06	1.84E-07	5.67E-08	2.41E-07	1.44E-07	2.73E-08	1.71E-07
1371	624781.65	4265274.25	9.29E-07	2.95E-07	1.22E-06	7.77E-07	2.21E-07	9.98E-07	1.84E-07	5.65E-08	2.40E-07	1.43E-07	2.72E-08	1.71E-07
1372	624771.74	4265274.11	9.27E-07	2.94E-07	1.22E-06	7.74E-07	2.20E-07	9.95E-07	1.83E-07	5.64E-08	2.40E-07	1.43E-07	2.72E-08	1.70E-07
1373	624761.83	4265273.97	9.23E-07	2.93E-07	1.22E-06	7.71E-07	2.19E-07	9.91E-07	1.83E-07	5.61E-08	2.39E-07	1.42E-07	2.70E-08	1.69E-07
1374	624751.92	4265273.84	9.18E-07	2.91E-07	1.21E-06	7.67E-07	2.18E-07	9.85E-07	1.82E-07	5.58E-08	2.38E-07	1.42E-07	2.69E-08	1.69E-07
1375	624742.01	4265273.7	9.12E-07	2.90E-07	1.20E-06	7.62E-07	2.17E-07	9.79E-07	1.80E-07	5.55E-08	2.36E-07	1.41E-07	2.67E-08	1.67E-07
1376	624732.1	4265273.56	9.04E-07	2.87E-07	1.19E-06	7.56E-07	2.15E-07	9.71E-07	1.79E-07	5.50E-08	2.34E-07	1.40E-07	2.65E-08	1.66E-07
1377	624722.19	4265273.42	8.96E-07	2.85E-07	1.18E-06	7.49E-07	2.13E-07	9.62E-07	1.77E-07	5.45E-08	2.32E-07	1.38E-07	2.63E-08	1.65E-07
1378	624712.28	4265273.29	8.87E-07	2.82E-07	1.17E-06	7.41E-07	2.11E-07	9.52E-07	1.76E-07	5.40E-08	2.30E-07	1.37E-07	2.60E-08	1.63E-07
1379	624702.38	4265273.15	8.78E-07	2.79E-07	1.16E-06	7.34E-07	2.09E-07	9.42E-07	1.74E-07	5.34E-08	2.27E-07	1.35E-07	2.57E-08	1.61E-07
1380	624692.47	4265273.01	8.67E-07	2.75E-07	1.14E-06	7.25E-07	2.06E-07	9.31E-07	1.72E-07	5.28E-08	2.24E-07	1.34E-07	2.54E-08	1.59E-07
1381	624682.56	4265272.88	8.57E-07	2.72E-07	1.13E-06	7.16E-07	2.04E-07	9.20E-07	1.70E-07	5.21E-08	2.22E-07	1.32E-07	2.51E-08	1.57E-07
1382	624672.65	4265272.74	8.46E-07	2.69E-07	1.11E-06	7.07E-07	2.01E-07	9.08E-07	1.67E-07	5.15E-08	2.19E-07	1.31E-07	2.48E-08	1.55E-07
1383	624662.74	4265272.6	8.35E-07	2.65E-07	1.10E-06	6.98E-07	1.98E-07	8.96E-07	1.65E-07	5.08E-08	2.16E-07	1.29E-07	2.45E-08	1.53E-07
1384	624652.83	4265272.46	8.23E-07	2.62E-07	1.08E-06	6.88E-07	1.96E-07	8.84E-07	1.63E-07	5.01E-08	2.13E-07	1.27E-07	2.41E-08	1.51E-07
1385	624642.92	4265272.33	8.12E-07	2.58E-07	1.07E-06	6.79E-07	1.93E-07	8.72E-07	1.61E-07	4.94E-08	2.10E-07	1.25E-07	2.38E-08	1.49E-07
1386	624633.01	4265272.19	8.01E-07	2.54E-07	1.06E-06	6.69E-07	1.90E-07	8.60E-07	1.59E-07	4.87E-08	2.07E-07	1.24E-07	2.35E-08	1.47E-07
1387	624623.1	4265272.05	7.90E-07	2.51E-07	1.04E-06	6.60E-07	1.88E-07	8.48E-07	1.56E-07	4.80E-08	2.04E-07	1.22E-07	2.31E-08	1.45E-07
1388	624613.2	4265271.91	7.78E-07	2.47E-07	1.03E-06	6.51E-07	1.85E-07	8.36E-07	1.54E-07	4.74E-08	2.01E-07	1.20E-07	2.28E-08	1.43E-07
1389	624603.29	4265271.78	7.67E-07	2.44E-07	1.01E-06	6.41E-07	1.82E-07	8.24E-07	1.52E-07	4.67E-08	1.99E-07	1.18E-07	2.25E-08	1.41E-07
1390	624593.38	4265271.64	7.56E-07	2.40E-07	9.96E-07	6.32E-07	1.80E-07	8.12E-07	1.50E-07	4.60E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
1391	624583.47	4265271.5	7.45E-07	2.37E-07	9.82E-07	6.23E-07	1.77E-07	8.00E-07	1.48E-07	4.54E-08	1.93E-07	1.15E-07	2.18E-08	1.37E-07
1392	624573.56	4265271.36	7.35E-07	2.33E-07	9.68E-07	6.14E-07	1.75E-07	7.89E-07	1.45E-07	4.47E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
1393	624563.65	4265271.23	7.24E-07	2.30E-07	9.54E-07	6.05E-07	1.72E-07	7.77E-07	1.43E-07	4.41E-08	1.87E-07	1.12E-07	2.12E-08	1.33E-07
1394	624553.74	4265271.09	7.14E-07	2.27E-07	9.40E-07	5.96E-07	1.70E-07	7.66E-07	1.41E-07	4.34E-08	1.85E-07	1.10E-07	2.09E-08	1.31E-07
1395	624543.83	4265270.95	7.03E-07	2.23E-07	9.27E-07	5.88E-07	1.67E-07	7.55E-07	1.39E-07	4.28E-08	1.82E-07	1.09E-07	2.06E-08	1.29E-07
1396	624533.93	4265270.81	6.93E-07	2.20E-07	9.13E-07	5.79E-07	1.65E-07	7.44E-07	1.37E-07	4.22E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
1397	624524.02	4265270.68	6.83E-07	2.17E-07	9.00E-07	5.71E-07	1.62E-07	7.33E-07	1.35E-07	4.16E-08	1.77E-07	1.05E-07	2.00E-08	1.25E-07
1398	624514.11	4265270.54	6.73E-07	2.14E-07	8.87E-07	5.63E-07	1.60E-07	7.23E-07	1.33E-07	4.10E-08	1.74E-07	1.04E-07	1.97E-08	1.24E-07
1399	624504.2	4265270.4	6.64E-07	2.11E-07	8.75E-07	5.55E-07	1.58E-07	7.13E-07	1.31E-07	4.04E-08	1.72E-07	1.02E-07	1.95E-08	1.22E-07
1400	624494.29	4265270.26	6.54E-07	2.08E-07	8.62E-07	5.47E-07	1.56E-07	7.02E-07	1.29E-07	3.98E-08	1.69E-07	1.01E-07	1.92E-08	1.20E-07
1401	624484.38	4265270.13	6.44E-07	2.05E-07	8.49E-07	5.39E-07	1.53E-07	6.92E-07	1.28E-07	3.92E-08	1.67E-07	9.94E-08	1.89E-08	1.18E-07
1402	624474.47	4265269.99	6.35E-07	2.02E-07	8.36E-07	5.31E-07	1.51E-07	6.82E-07	1.26E-07	3.86E-08	1.64E-07	9.80E-08	1.86E-08	1.17E-07

1403	624464.56	4265269.85	6.26E-07	1.99E-07	8.24E-07	5.23E-07	1.49E-07	6.72E-07	1.24E-07	3.81E-08	1.62E-07	9.65E-08	1.83E-08	1.15E-07
1404	624454.66	4265269.72	6.17E-07	1.96E-07	8.12E-07	5.15E-07	1.47E-07	6.62E-07	1.22E-07	3.75E-08	1.60E-07	9.51E-08	1.81E-08	1.13E-07
1405	624444.75	4265269.58	6.07E-07	1.93E-07	8.00E-07	5.08E-07	1.44E-07	6.52E-07	1.20E-07	3.70E-08	1.57E-07	9.37E-08	1.78E-08	1.12E-07
1406	624434.84	4265269.44	5.98E-07	1.90E-07	7.88E-07	5.00E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.23E-08	1.75E-08	1.10E-07
1407	624424.93	4265269.3	5.89E-07	1.87E-07	7.76E-07	4.92E-07	1.40E-07	6.32E-07	1.17E-07	3.58E-08	1.52E-07	9.09E-08	1.73E-08	1.08E-07
1408	624415.02	4265269.17	5.80E-07	1.84E-07	7.64E-07	4.85E-07	1.38E-07	6.23E-07	1.15E-07	3.53E-08	1.50E-07	8.95E-08	1.70E-08	1.06E-07
1409	624405.11	4265269.03	5.71E-07	1.81E-07	7.52E-07	4.77E-07	1.36E-07	6.13E-07	1.13E-07	3.47E-08	1.48E-07	8.81E-08	1.67E-08	1.05E-07
1410	624395.2	4265268.89	5.61E-07	1.78E-07	7.40E-07	4.69E-07	1.33E-07	6.03E-07	1.11E-07	3.42E-08	1.45E-07	8.66E-08	1.65E-08	1.03E-07
1411	624385.29	4265268.75	5.52E-07	1.75E-07	7.28E-07	4.62E-07	1.31E-07	5.93E-07	1.09E-07	3.36E-08	1.43E-07	8.52E-08	1.62E-08	1.01E-07
1412	624375.38	4265268.62	5.43E-07	1.72E-07	7.15E-07	4.54E-07	1.29E-07	5.83E-07	1.07E-07	3.30E-08	1.40E-07	8.38E-08	1.59E-08	9.97E-08
1413	624365.48	4265268.48	5.34E-07	1.69E-07	7.03E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.23E-08	1.56E-08	9.80E-08
1414	624870.66	4265229.26	8.20E-07	2.60E-07	1.08E-06	6.85E-07	1.95E-07	8.80E-07	1.62E-07	4.99E-08	2.12E-07	1.26E-07	2.40E-08	1.50E-07
1415	624879.71	4265233.16	8.25E-07	2.62E-07	1.09E-06	6.89E-07	1.96E-07	8.85E-07	1.63E-07	5.02E-08	2.13E-07	1.27E-07	2.42E-08	1.51E-07
1416	624888.76	4265237.06	8.29E-07	2.63E-07	1.09E-06	6.93E-07	1.97E-07	8.90E-07	1.64E-07	5.05E-08	2.15E-07	1.28E-07	2.43E-08	1.52E-07
1417	624897.81	4265240.97	8.33E-07	2.65E-07	1.10E-06	6.96E-07	1.98E-07	8.94E-07	1.65E-07	5.07E-08	2.16E-07	1.29E-07	2.44E-08	1.53E-07
1418	624906.86	4265244.87	8.37E-07	2.66E-07	1.10E-06	6.99E-07	1.99E-07	8.98E-07	1.66E-07	5.09E-08	2.17E-07	1.29E-07	2.45E-08	1.54E-07
1419	624915.91	4265248.77	8.40E-07	2.67E-07	1.11E-06	7.02E-07	2.00E-07	9.01E-07	1.66E-07	5.11E-08	2.17E-07	1.30E-07	2.46E-08	1.54E-07
1420	624924.96	4265252.68	8.42E-07	2.67E-07	1.11E-06	7.04E-07	2.00E-07	9.04E-07	1.67E-07	5.12E-08	2.18E-07	1.30E-07	2.47E-08	1.55E-07
1421	624934.01	4265256.58	8.44E-07	2.68E-07	1.11E-06	7.05E-07	2.01E-07	9.06E-07	1.67E-07	5.13E-08	2.18E-07	1.30E-07	2.47E-08	1.55E-07
1422	624943.06	4265260.48	8.45E-07	2.68E-07	1.11E-06	7.06E-07	2.01E-07	9.07E-07	1.67E-07	5.14E-08	2.19E-07	1.30E-07	2.48E-08	1.55E-07
1423	624952.11	4265264.39	8.45E-07	2.68E-07	1.11E-06	7.07E-07	2.01E-07	9.08E-07	1.67E-07	5.14E-08	2.19E-07	1.30E-07	2.48E-08	1.55E-07
1424	624961.16	4265268.29	8.45E-07	2.68E-07	1.11E-06	7.06E-07	2.01E-07	9.07E-07	1.67E-07	5.14E-08	2.19E-07	1.30E-07	2.48E-08	1.55E-07
1425	624970.21	4265272.19	8.44E-07	2.68E-07	1.11E-06	7.05E-07	2.01E-07	9.06E-07	1.67E-07	5.13E-08	2.18E-07	1.30E-07	2.47E-08	1.55E-07
1426	624979.26	4265276.1	8.42E-07	2.67E-07	1.11E-06	7.04E-07	2.00E-07	9.04E-07	1.67E-07	5.12E-08	2.18E-07	1.30E-07	2.47E-08	1.55E-07
1427	624988.31	4265280	8.39E-07	2.66E-07	1.11E-06	7.01E-07	1.99E-07	9.01E-07	1.66E-07	5.11E-08	2.17E-07	1.29E-07	2.46E-08	1.54E-07
1428	624997.36	4265283.9	8.35E-07	2.65E-07	1.10E-06	6.98E-07	1.99E-07	8.97E-07	1.65E-07	5.08E-08	2.16E-07	1.29E-07	2.45E-08	1.53E-07
1429	625006.41	4265287.81	8.30E-07	2.64E-07	1.09E-06	6.94E-07	1.97E-07	8.92E-07	1.64E-07	5.05E-08	2.15E-07	1.28E-07	2.43E-08	1.52E-07
1430	625015.46	4265291.71	8.25E-07	2.62E-07	1.09E-06	6.89E-07	1.96E-07	8.86E-07	1.63E-07	5.02E-08	2.13E-07	1.27E-07	2.42E-08	1.51E-07
1431	625024.51	4265295.62	8.18E-07	2.60E-07	1.08E-06	6.84E-07	1.95E-07	8.78E-07	1.62E-07	4.98E-08	2.12E-07	1.26E-07	2.40E-08	1.50E-07
1432	625033.56	4265299.52	8.11E-07	2.57E-07	1.07E-06	6.78E-07	1.93E-07	8.70E-07	1.60E-07	4.93E-08	2.10E-07	1.25E-07	2.38E-08	1.49E-07
1433	625042.61	4265303.42	8.02E-07	2.55E-07	1.06E-06	6.71E-07	1.91E-07	8.62E-07	1.59E-07	4.88E-08	2.08E-07	1.24E-07	2.35E-08	1.47E-07
1434	625051.66	4265307.33	7.93E-07	2.52E-07	1.05E-06	6.63E-07	1.89E-07	8.52E-07	1.57E-07	4.83E-08	2.05E-07	1.22E-07	2.33E-08	1.46E-07
1435	625060.71	4265311.23	7.84E-07	2.49E-07	1.03E-06	6.55E-07	1.86E-07	8.41E-07	1.55E-07	4.77E-08	2.03E-07	1.21E-07	2.30E-08	1.44E-07
1436	625069.76	4265315.13	7.73E-07	2.46E-07	1.02E-06	6.46E-07	1.84E-07	8.30E-07	1.53E-07	4.71E-08	2.00E-07	1.19E-07	2.27E-08	1.42E-07
1437	625078.81	4265319.04	7.62E-07	2.42E-07	1.00E-06	6.37E-07	1.81E-07	8.18E-07	1.51E-07	4.64E-08	1.97E-07	1.18E-07	2.23E-08	1.40E-07
1438	625087.86	4265322.94	7.51E-07	2.38E-07	9.89E-07	6.27E-07	1.78E-07	8.06E-07	1.49E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
1439	625096.91	4265326.84	7.39E-07	2.35E-07	9.73E-07	6.17E-07	1.76E-07	7.93E-07	1.46E-07	4.49E-08	1.91E-07	1.14E-07	2.16E-08	1.36E-07
1440	625105.96	4265330.75	7.26E-07	2.31E-07	9.57E-07	6.07E-07	1.73E-07	7.80E-07	1.44E-07	4.42E-08	1.88E-07	1.12E-07	2.13E-08	1.33E-07
1441	625115.01	4265334.65	7.14E-07	2.27E-07	9.40E-07	5.97E-07	1.70E-07	7.66E-07	1.41E-07	4.34E-08	1.85E-07	1.10E-07	2.09E-08	1.31E-07
1442	625124.06	4265338.55	7.01E-07	2.23E-07	9.24E-07	5.86E-07	1.67E-07	7.53E-07	1.39E-07	4.27E-08	1.81E-07	1.08E-07	2.05E-08	1.29E-07
1443	625133.11	4265342.46	6.88E-07	2.19E-07	9.07E-07	5.75E-07	1.64E-07	7.39E-07	1.36E-07	4.19E-08	1.78E-07	1.06E-07	2.02E-08	1.26E-07
1444	625142.16	4265346.36	6.75E-07	2.14E-07	8.90E-07	5.64E-07	1.61E-07	7.25E-07	1.34E-07	4.11E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
1445	625151.21	4265350.26	6.63E-07	2.10E-07	8.73E-07	5.54E-07	1.58E-07	7.11E-07	1.31E-07	4.03E-08	1.71E-07	1.02E-07	1.94E-08	1.22E-07
1446	625160.26	4265354.17	6.50E-07	2.06E-07	8.56E-07	5.43E-07	1.55E-07	6.98E-07	1.29E-07	3.95E-08	1.68E-07	1.00E-07	1.90E-08	1.19E-07
1447	625169.31	4265358.07	6.37E-07	2.02E-07	8.40E-07	5.33E-07	1.52E-07	6.84E-07	1.26E-07	3.88E-08	1.65E-07	9.83E-08	1.87E-08	1.17E-07
1448	625181.98	4265371.14	6.23E-07	1.98E-07	8.21E-07	5.21E-07	1.48E-07	6.69E-07	1.23E-07	3.79E-08	1.61E-07	9.62E-08	1.83E-08	1.14E-07
1449	625185.61	4265380.3	6.22E-07	1.98E-07	8.20E-07	5.20E-07	1.48E-07	6.68E-07	1.23E-07	3.78E-08	1.61E-07	9.60E-08	1.82E-08	1.14E-07
1450	625189.24	4265389.47	6.20E-07	1.97E-07	8.17E-07	5.18E-07	1.47E-07	6.66E-07	1.23E-07	3.77E-08	1.61E-07	9.57E-08	1.82E-08	1.14E-07
1451	625192.87	4265398.63	6.18E-07	1.96E-07	8.15E-07	5.17E-07	1.47E-07	6.64E-07	1.22E-07	3.76E-08	1.60E-07	9.54E-08	1.81E-08	1.14E-07
1452	625196.49	4265407.79	6.16E-07	1.96E-07	8.12E-07	5.15E-07	1.47E-07	6.62E-07	1.22E-07	3.75E-08	1.60E-07	9.51E-08	1.81E-08	1.13E-07
1453	625200.12	4265416.96	6.14E-07	1.95E-07	8.09E-07	5.13E-07	1.46E-07	6.59E-07	1.22E-07	3.74E-08	1.59E-07	9.48E-08	1.80E-08	1.13E-07
1454	625203.75	4265426.12	6.12E-07	1.94E-07	8.06E-07	5.11E-07	1.45E-07	6.57E-07	1.21E-07	3.72E-08	1.58E-07	9.44E-08	1.79E-08	1.12E-07
1455	625207.37	4265435.29	6.09E-07	1.94E-07	8.03E-07	5.09E-07	1.45E-07	6.54E-07	1.21E-07	3.71E-08	1.58E-07	9.40E-08	1.79E-08	1.12E-07
1456	625211	4265444.45	6.07E-07	1.93E-07	7.99E-07	5.07E-07	1.44E-07	6.51E-07	1.20E-07	3.69E-08	1.57E-07	9.36E-08	1.78E-08	1.11E-07
1457	625214.63	4265453.61	6.04E-07	1.92E-07	7.96E-07	5.05E-07	1.44E-07	6.48E-07	1.20E-07	3.67E-08	1.56E-07	9.32E-08	1.77E-08	1.11E-07
1458	625218.26	4265462.78	6.01E-07	1.91E-07	7.92E-07	5.02E-07	1.43E-07	6.45E-07	1.19E-07	3.66E-08	1.55E-07	9.27E-08	1.76E-08	1.10E-07
1459	625221.88	4265471.94	5.98E-07	1.90E-07	7.88E-07	5.00E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.22E-08	1.75E-08	1.10E-07
1460	625225.51	4265481.11	5.94E-07	1.89E-07	7.83E-07	4.97E-07	1.41E-07	6.38E-07	1.18E-07	3.62E-08	1.54E-07	9.17E-08	1.74E-08	1.09E-07
1461	625229.14	4265490.27	5.91E-07	1.88E-07	7.79E-07	4.94E-07	1.41E-07	6.35E-07	1.17E-07	3.60E-08	1.53E-07	9.12E-08	1.73E-08	1.09E-07
1462	625232.76	4265499.44	5.88E-07	1.87E-07	7.74E-07	4.91E-07	1.40E-07	6.31E-07	1.16E-07	3.57E-08	1.52E-07	9.07E-08	1.72E-08	1.08E-07
1463	625236.39	4265508.6	5.84E-07	1.85E-07	7.69E-07	4.88E-07	1.39E-07	6.27E-07	1.16E-07	3.55E-08	1.51E-07	9.01E-08	1.71E-08	1.07E-07
1464	625240.02	4265517.76	5.80E-07	1.84E-07	7.64E-07	4.85E-07	1.38E-07	6.23E-07	1.15E-07	3.53E-08	1.50E-07	8.95E-08	1.70E-08	1.06E-07
1465	625243.65	4265526.93	5.76E-07	1.83E-07	7.59E-07	4.81E-07	1.37E-07	6.18E-07	1.14E-07	3.50E-08	1.49E-07	8.89E-08	1.69E-08	1.06E-07
1466	625247.27	4265536.09	5.72E-07	1.82E-07	7.53E-07	4.78E-07	1.36E-07	6.14E-07	1.13E-07	3.48E-08	1.48E-07	8.82E-08	1.68E-08	1.05E-07
1467	625250.9	4265545.26	5.67E-07	1.80E-07	7.48E-07	4.74E-07	1.35E-07	6.09E-07	1.12E-07	3.45E-08	1.47E-07	8.76E-08	1.66E-08	1.04E-07
1468	625254.53	4265554.42	5.63E-07	1.79E-07	7.42E-07	4.71E-07	1.34E-07	6.04E-07	1.11E-07	3.43E-08	1.46E-07	8.69E-08	1.65E-08	1.03E-07
1469	625258.16	4265563.58	5.58E-07	1.77E-07	7.36E-07	4.67E-07	1.33E-07	5.99E-07	1.11E-07	3.40E-08	1.45E-07	8.62E-08	1.64E-08	1.03E-07
1470	625261.78	4265572.75	5.54E-07	1.76E-07	7.29E-07	4.63E-07	1.32E-07	5.94E-07	1.10E-07	3.37E-08	1.43E-07	8.54E-08	1.62E-08	1.02E-07
1471	625265.41	4265581.91	5.49E-07	1.74E-07	7.23E-07	4.59E-07	1.30E-07	5.89E-07	1.09E-07	3.34E-08	1.42E-07	8.47E-08	1.61E-08	1.01E-07
1472	625269.04	4265591.08	5.43E-07	1.73E-07	7.16E-07	4.54E-07	1.29E-07	5.83E-07	1.08E-07	3.31E-08	1.41E-07	8.39E-08	1.59E-08	9.98E-08
1473	625272.66	4265600.24	5.38E-07	1.71E-07	7.09E-07	4.50E-07	1.28E-07	5.78E-07	1.07E-07	3.27E-08	1.39E-07	8.30E-08	1.58E-08	9.88E-08
1474	625276.29	4265609.4	5.33E-07	1.69E-07	7.02E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.78E-08
1475	625279.92	4265618.57	5.27E-07	1.67E-07	6.94E-07	4.40E-07	1.25E-07	5.66E-07	1.04E-07	3.21E-08	1.36E-07	8.13E-08	1.54E-08	9.67E-08
1476	625283.55	4265627.73	5.21E-07	1.65E-07	6.86E-07	4.35E-07	1.24E-07	5.59E-07	1.03E-07	3.17E-08	1.35E-07	8.04E-08	1.53E-08	9.57E-08

1477	625287.17	4265636.9	5.15E-07	1.64E-07	6.78E-07	4.30E-07	1.22E-07	5.53E-07	1.02E-07	3.13E-08	1.33E-07	7.94E-08	1.51E-08	9.45E-08
1478	625290.8	4265646.06	5.09E-07	1.62E-07	6.70E-07	4.25E-07	1.21E-07	5.46E-07	1.01E-07	3.09E-08	1.32E-07	7.85E-08	1.49E-08	9.34E-08
1479	625294.43	4265655.23	5.02E-07	1.59E-07	6.61E-07	4.20E-07	1.19E-07	5.39E-07	9.94E-08	3.05E-08	1.30E-07	7.75E-08	1.47E-08	9.22E-08
1480	625298.05	4265664.39	4.95E-07	1.57E-07	6.53E-07	4.14E-07	1.18E-07	5.32E-07	9.81E-08	3.01E-08	1.28E-07	7.64E-08	1.45E-08	9.10E-08
1481	625301.68	4265673.55	4.89E-07	1.55E-07	6.44E-07	4.08E-07	1.16E-07	5.25E-07	9.67E-08	2.97E-08	1.26E-07	7.54E-08	1.43E-08	8.97E-08
1482	624861.61	4265225.35	8.14E-07	2.58E-07	1.07E-06	6.80E-07	1.94E-07	8.74E-07	1.61E-07	4.95E-08	2.11E-07	1.26E-07	2.39E-08	1.49E-07
1483	624851.7	4265225.22	8.15E-07	2.59E-07	1.07E-06	6.81E-07	1.94E-07	8.75E-07	1.61E-07	4.96E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
1484	624841.79	4265225.08	8.16E-07	2.59E-07	1.08E-06	6.82E-07	1.94E-07	8.76E-07	1.62E-07	4.97E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
1485	624831.88	4265224.94	8.16E-07	2.59E-07	1.08E-06	6.82E-07	1.94E-07	8.76E-07	1.62E-07	4.97E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
1486	624821.97	4265224.8	8.16E-07	2.59E-07	1.08E-06	6.82E-07	1.94E-07	8.76E-07	1.62E-07	4.97E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
1487	624812.07	4265224.67	8.16E-07	2.59E-07	1.07E-06	6.82E-07	1.94E-07	8.76E-07	1.61E-07	4.96E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
1488	624802.16	4265224.53	8.14E-07	2.59E-07	1.07E-06	6.81E-07	1.94E-07	8.74E-07	1.61E-07	4.96E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
1489	624792.25	4265224.39	8.13E-07	2.58E-07	1.07E-06	6.79E-07	1.93E-07	8.72E-07	1.61E-07	4.94E-08	2.10E-07	1.25E-07	2.38E-08	1.49E-07
1490	624782.34	4265224.25	8.10E-07	2.57E-07	1.07E-06	6.77E-07	1.93E-07	8.69E-07	1.60E-07	4.93E-08	2.10E-07	1.25E-07	2.37E-08	1.49E-07
1491	624772.43	4265224.12	8.06E-07	2.56E-07	1.06E-06	6.74E-07	1.92E-07	8.66E-07	1.60E-07	4.91E-08	2.09E-07	1.24E-07	2.36E-08	1.48E-07
1492	624762.52	4265223.98	8.02E-07	2.55E-07	1.06E-06	6.70E-07	1.91E-07	8.61E-07	1.59E-07	4.88E-08	2.08E-07	1.24E-07	2.35E-08	1.47E-07
1493	624752.61	4265223.84	7.97E-07	2.53E-07	1.05E-06	6.66E-07	1.90E-07	8.56E-07	1.58E-07	4.85E-08	2.06E-07	1.23E-07	2.34E-08	1.46E-07
1494	624742.7	4265223.7	7.91E-07	2.51E-07	1.04E-06	6.61E-07	1.88E-07	8.49E-07	1.57E-07	4.81E-08	2.05E-07	1.22E-07	2.32E-08	1.45E-07
1495	624732.79	4265223.57	7.84E-07	2.49E-07	1.03E-06	6.55E-07	1.86E-07	8.42E-07	1.55E-07	4.77E-08	2.03E-07	1.21E-07	2.30E-08	1.44E-07
1496	624722.89	4265223.43	7.76E-07	2.47E-07	1.02E-06	6.49E-07	1.85E-07	8.34E-07	1.54E-07	4.72E-08	2.01E-07	1.20E-07	2.28E-08	1.43E-07
1497	624712.98	4265223.29	7.68E-07	2.44E-07	1.01E-06	6.42E-07	1.83E-07	8.25E-07	1.52E-07	4.67E-08	1.99E-07	1.19E-07	2.25E-08	1.41E-07
1498	624703.07	4265223.15	7.59E-07	2.41E-07	1.00E-06	6.35E-07	1.81E-07	8.15E-07	1.50E-07	4.62E-08	1.97E-07	1.17E-07	2.23E-08	1.39E-07
1499	624693.16	4265223.02	7.50E-07	2.38E-07	9.88E-07	6.27E-07	1.78E-07	8.05E-07	1.48E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
1500	624683.25	4265222.88	7.41E-07	2.35E-07	9.76E-07	6.19E-07	1.76E-07	7.95E-07	1.47E-07	4.51E-08	1.92E-07	1.14E-07	2.17E-08	1.36E-07
1501	624673.34	4265222.74	7.31E-07	2.32E-07	9.63E-07	6.11E-07	1.74E-07	7.85E-07	1.45E-07	4.45E-08	1.89E-07	1.13E-07	2.14E-08	1.34E-07
1502	624663.43	4265222.61	7.21E-07	2.29E-07	9.50E-07	6.03E-07	1.71E-07	7.74E-07	1.43E-07	4.39E-08	1.87E-07	1.11E-07	2.11E-08	1.32E-07
1503	624653.52	4265222.47	7.11E-07	2.26E-07	9.37E-07	5.94E-07	1.69E-07	7.63E-07	1.41E-07	4.33E-08	1.84E-07	1.10E-07	2.08E-08	1.31E-07
1504	624643.62	4265222.33	7.01E-07	2.23E-07	9.24E-07	5.86E-07	1.67E-07	7.53E-07	1.39E-07	4.27E-08	1.81E-07	1.08E-07	2.05E-08	1.29E-07
1505	624633.71	4265222.19	6.91E-07	2.20E-07	9.11E-07	5.78E-07	1.64E-07	7.42E-07	1.37E-07	4.21E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
1506	624623.8	4265222.06	6.82E-07	2.16E-07	8.98E-07	5.70E-07	1.62E-07	7.32E-07	1.35E-07	4.15E-08	1.76E-07	1.05E-07	2.00E-08	1.25E-07
1507	624613.89	4265221.92	6.72E-07	2.14E-07	8.86E-07	5.62E-07	1.60E-07	7.22E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
1508	624603.98	4265221.78	6.63E-07	2.11E-07	8.74E-07	5.54E-07	1.58E-07	7.12E-07	1.31E-07	4.04E-08	1.72E-07	1.02E-07	1.94E-08	1.22E-07
1509	624594.07	4265221.64	6.54E-07	2.08E-07	8.62E-07	5.47E-07	1.56E-07	7.02E-07	1.30E-07	3.98E-08	1.69E-07	1.01E-07	1.92E-08	1.20E-07
1510	624584.16	4265221.51	6.46E-07	2.05E-07	8.51E-07	5.40E-07	1.54E-07	6.93E-07	1.28E-07	3.93E-08	1.67E-07	9.96E-08	1.89E-08	1.19E-07
1511	624574.25	4265221.37	6.37E-07	2.02E-07	8.39E-07	5.33E-07	1.51E-07	6.84E-07	1.26E-07	3.88E-08	1.65E-07	9.83E-08	1.87E-08	1.17E-07
1512	624564.35	4265221.23	6.29E-07	2.00E-07	8.29E-07	5.26E-07	1.50E-07	6.75E-07	1.24E-07	3.83E-08	1.63E-07	9.70E-08	1.84E-08	1.15E-07
1513	624554.44	4265221.09	6.21E-07	1.97E-07	8.18E-07	5.19E-07	1.48E-07	6.67E-07	1.23E-07	3.78E-08	1.61E-07	9.58E-08	1.82E-08	1.14E-07
1514	624544.53	4265220.96	6.13E-07	1.95E-07	8.08E-07	5.12E-07	1.46E-07	6.58E-07	1.21E-07	3.73E-08	1.59E-07	9.46E-08	1.80E-08	1.13E-07
1515	624534.62	4265220.82	6.05E-07	1.92E-07	7.98E-07	5.06E-07	1.44E-07	6.50E-07	1.20E-07	3.68E-08	1.57E-07	9.34E-08	1.77E-08	1.11E-07
1516	624524.71	4265220.68	5.98E-07	1.90E-07	7.88E-07	5.00E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.22E-08	1.75E-08	1.10E-07
1517	624514.8	4265220.54	5.90E-07	1.87E-07	7.78E-07	4.93E-07	1.40E-07	6.34E-07	1.17E-07	3.59E-08	1.53E-07	9.11E-08	1.73E-08	1.08E-07
1518	624504.89	4265220.41	5.83E-07	1.85E-07	7.68E-07	4.87E-07	1.39E-07	6.26E-07	1.15E-07	3.55E-08	1.51E-07	9.00E-08	1.71E-08	1.07E-07
1519	624494.98	4265220.27	5.76E-07	1.83E-07	7.58E-07	4.81E-07	1.37E-07	6.18E-07	1.14E-07	3.50E-08	1.49E-07	8.88E-08	1.69E-08	1.06E-07
1520	624485.07	4265220.13	5.68E-07	1.80E-07	7.49E-07	4.75E-07	1.35E-07	6.10E-07	1.12E-07	3.46E-08	1.47E-07	8.77E-08	1.67E-08	1.04E-07
1521	624475.17	4265219.99	5.61E-07	1.78E-07	7.39E-07	4.69E-07	1.33E-07	6.02E-07	1.11E-07	3.41E-08	1.45E-07	8.65E-08	1.64E-08	1.03E-07
1522	624465.26	4265219.86	5.54E-07	1.76E-07	7.30E-07	4.63E-07	1.32E-07	5.94E-07	1.10E-07	3.37E-08	1.43E-07	8.54E-08	1.62E-08	1.02E-07
1523	624455.35	4265219.72	5.47E-07	1.74E-07	7.20E-07	4.57E-07	1.30E-07	5.87E-07	1.08E-07	3.33E-08	1.41E-07	8.43E-08	1.60E-08	1.00E-07
1524	624445.44	4265219.58	5.39E-07	1.71E-07	7.11E-07	4.51E-07	1.28E-07	5.79E-07	1.07E-07	3.28E-08	1.40E-07	8.32E-08	1.58E-08	9.91E-08
1525	624435.53	4265219.45	5.32E-07	1.69E-07	7.01E-07	4.45E-07	1.27E-07	5.71E-07	1.05E-07	3.24E-08	1.38E-07	8.21E-08	1.56E-08	9.77E-08
1526	624425.62	4265219.31	5.25E-07	1.67E-07	6.92E-07	4.39E-07	1.25E-07	5.64E-07	1.04E-07	3.19E-08	1.36E-07	8.10E-08	1.54E-08	9.64E-08
1527	624415.71	4265219.17	5.18E-07	1.64E-07	6.82E-07	4.33E-07	1.23E-07	5.56E-07	1.02E-07	3.15E-08	1.34E-07	7.99E-08	1.52E-08	9.51E-08
1528	624405.8	4265219.03	5.10E-07	1.62E-07	6.72E-07	4.27E-07	1.21E-07	5.48E-07	1.01E-07	3.11E-08	1.32E-07	7.87E-08	1.50E-08	9.37E-08
1529	624395.9	4265218.9	5.03E-07	1.60E-07	6.63E-07	4.20E-07	1.20E-07	5.40E-07	9.96E-08	3.06E-08	1.30E-07	7.76E-08	1.47E-08	9.23E-08
1530	624385.99	4265218.76	4.96E-07	1.57E-07	6.53E-07	4.14E-07	1.18E-07	5.32E-07	9.81E-08	3.02E-08	1.28E-07	7.65E-08	1.45E-08	9.10E-08
1531	624376.08	4265218.62	4.88E-07	1.55E-07	6.43E-07	4.08E-07	1.16E-07	5.24E-07	9.66E-08	2.97E-08	1.26E-07	7.53E-08	1.43E-08	8.96E-08
1532	624366.17	4265218.48	4.80E-07	1.53E-07	6.33E-07	4.02E-07	1.14E-07	5.16E-07	9.51E-08	2.92E-08	1.24E-07	7.41E-08	1.41E-08	8.82E-08
1533	624871.33	4265179.25	7.28E-07	2.31E-07	9.60E-07	6.09E-07	1.73E-07	7.82E-07	1.44E-07	4.43E-08	1.88E-07	1.12E-07	2.13E-08	1.34E-07
1534	624880.35	4265183.14	7.34E-07	2.33E-07	9.67E-07	6.13E-07	1.74E-07	7.88E-07	1.45E-07	4.46E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
1535	624889.37	4265187.04	7.39E-07	2.35E-07	9.73E-07	6.17E-07	1.76E-07	7.93E-07	1.46E-07	4.49E-08	1.91E-07	1.14E-07	2.16E-08	1.36E-07
1536	624898.4	4265190.93	7.43E-07	2.36E-07	9.79E-07	6.21E-07	1.77E-07	7.98E-07	1.47E-07	4.52E-08	1.92E-07	1.15E-07	2.18E-08	1.36E-07
1537	624907.42	4265194.82	7.47E-07	2.37E-07	9.85E-07	6.25E-07	1.78E-07	8.02E-07	1.48E-07	4.55E-08	1.93E-07	1.15E-07	2.19E-08	1.37E-07
1538	624916.45	4265198.71	7.51E-07	2.38E-07	9.89E-07	6.28E-07	1.79E-07	8.06E-07	1.49E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
1539	624925.47	4265202.6	7.54E-07	2.39E-07	9.94E-07	6.30E-07	1.79E-07	8.10E-07	1.49E-07	4.59E-08	1.95E-07	1.16E-07	2.21E-08	1.38E-07
1540	624934.5	4265206.5	7.57E-07	2.40E-07	9.97E-07	6.33E-07	1.80E-07	8.13E-07	1.50E-07	4.61E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
1541	624943.52	4265210.39	7.59E-07	2.41E-07	1.00E-06	6.35E-07	1.80E-07	8.15E-07	1.50E-07	4.62E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
1542	624952.54	4265214.28	7.61E-07	2.42E-07	1.00E-06	6.36E-07	1.81E-07	8.17E-07	1.51E-07	4.63E-08	1.97E-07	1.17E-07	2.23E-08	1.40E-07
1543	624961.57	4265218.17	7.62E-07	2.42E-07	1.00E-06	6.37E-07	1.81E-07	8.18E-07	1.51E-07	4.64E-08	1.97E-07	1.18E-07	2.23E-08	1.40E-07
1544	624970.59	4265222.07	7.62E-07	2.42E-07	1.00E-06	6.37E-07	1.81E-07	8.19E-07	1.51E-07	4.64E-08	1.97E-07	1.18E-07	2.23E-08	1.40E-07
1545	624979.62	4265225.96	7.62E-07	2.42E-07	1.00E-06	6.37E-07	1.81E-07	8.18E-07	1.51E-07	4.64E-08	1.97E-07	1.18E-07	2.23E-08	1.40E-07
1546	624988.64	4265229.85	7.61E-07	2.42E-07	1.00E-06	6.36E-07	1.81E-07	8.18E-07	1.51E-07	4.63E-08	1.97E-07	1.17E-07	2.23E-08	1.40E-07
1547	624997.66	4265233.74	7.60E-07	2.41E-07	1.00E-06	6.35E-07	1.81E-07	8.16E-07	1.50E-07	4.62E-08	1.97E-07	1.17E-07	2.23E-08	1.40E-07
1548	625006.69	4265237.64	7.58E-07	2.41E-07	9.98E-07	6.33E-07	1.80E-07	8.13E-07	1.50E-07	4.61E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
1549	625015.71	4265241.53	7.55E-07	2.40E-07	9.94E-07	6.31E-07	1.79E-07	8.10E-07	1.49E-07	4.59E-08	1.95E-07	1.16E-07	2.21E-08	1.39E-07
1550	625024.74	4265245.42	7.51E-07	2.38E-07	9.89E-07	6.28E-07	1.79E-07	8.06E-07	1.49E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07

1551	625033.76	4265249.31	7.47E-07	2.37E-07	9.84E-07	6.24E-07	1.77E-07	8.01E-07	1.48E-07	4.54E-08	1.93E-07	1.15E-07	2.19E-08	1.37E-07
1552	625042.79	4265253.2	7.41E-07	2.35E-07	9.77E-07	6.20E-07	1.76E-07	7.96E-07	1.47E-07	4.51E-08	1.92E-07	1.14E-07	2.17E-08	1.36E-07
1553	625051.81	4265257.1	7.35E-07	2.34E-07	9.69E-07	6.15E-07	1.75E-07	7.89E-07	1.46E-07	4.47E-08	1.90E-07	1.13E-07	2.16E-08	1.35E-07
1554	625060.83	4265260.99	7.29E-07	2.31E-07	9.60E-07	6.09E-07	1.73E-07	7.82E-07	1.44E-07	4.43E-08	1.89E-07	1.12E-07	2.14E-08	1.34E-07
1555	625069.86	4265264.88	7.21E-07	2.29E-07	9.50E-07	6.03E-07	1.71E-07	7.74E-07	1.43E-07	4.39E-08	1.87E-07	1.11E-07	2.11E-08	1.32E-07
1556	625078.88	4265268.77	7.13E-07	2.26E-07	9.39E-07	5.96E-07	1.70E-07	7.65E-07	1.41E-07	4.34E-08	1.85E-07	1.10E-07	2.09E-08	1.31E-07
1557	625087.91	4265272.67	7.04E-07	2.24E-07	9.28E-07	5.89E-07	1.67E-07	7.56E-07	1.39E-07	4.29E-08	1.82E-07	1.09E-07	2.06E-08	1.29E-07
1558	625096.93	4265276.56	6.95E-07	2.21E-07	9.16E-07	5.81E-07	1.65E-07	7.46E-07	1.38E-07	4.23E-08	1.80E-07	1.07E-07	2.04E-08	1.28E-07
1559	625105.95	4265280.45	6.86E-07	2.18E-07	9.03E-07	5.73E-07	1.63E-07	7.36E-07	1.36E-07	4.17E-08	1.77E-07	1.06E-07	2.01E-08	1.26E-07
1560	625114.98	4265284.34	6.75E-07	2.15E-07	8.90E-07	5.65E-07	1.61E-07	7.25E-07	1.34E-07	4.11E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
1561	625124	4265288.24	6.65E-07	2.11E-07	8.76E-07	5.56E-07	1.58E-07	7.14E-07	1.32E-07	4.05E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07
1562	625133.03	4265292.13	6.55E-07	2.08E-07	8.62E-07	5.47E-07	1.56E-07	7.03E-07	1.30E-07	3.98E-08	1.69E-07	1.01E-07	1.92E-08	1.20E-07
1563	625142.05	4265296.02	6.44E-07	2.04E-07	8.48E-07	5.38E-07	1.53E-07	6.91E-07	1.27E-07	3.92E-08	1.67E-07	9.93E-08	1.89E-08	1.18E-07
1564	625151.07	4265299.91	6.33E-07	2.01E-07	8.34E-07	5.29E-07	1.50E-07	6.80E-07	1.25E-07	3.85E-08	1.64E-07	9.77E-08	1.86E-08	1.16E-07
1565	625160.1	4265303.8	6.22E-07	1.98E-07	8.20E-07	5.20E-07	1.48E-07	6.68E-07	1.23E-07	3.78E-08	1.61E-07	9.60E-08	1.82E-08	1.14E-07
1566	625169.12	4265307.7	6.11E-07	1.94E-07	8.05E-07	5.11E-07	1.45E-07	6.56E-07	1.21E-07	3.72E-08	1.58E-07	9.43E-08	1.79E-08	1.12E-07
1567	625178.15	4265311.59	6.00E-07	1.91E-07	7.91E-07	5.02E-07	1.43E-07	6.44E-07	1.19E-07	3.65E-08	1.55E-07	9.26E-08	1.76E-08	1.10E-07
1568	625187.17	4265315.48	5.89E-07	1.87E-07	7.77E-07	4.93E-07	1.40E-07	6.33E-07	1.17E-07	3.59E-08	1.53E-07	9.10E-08	1.73E-08	1.08E-07
1569	625196.2	4265319.37	5.79E-07	1.84E-07	7.63E-07	4.84E-07	1.38E-07	6.21E-07	1.15E-07	3.52E-08	1.50E-07	8.93E-08	1.70E-08	1.06E-07
1570	625205.22	4265323.27	5.68E-07	1.80E-07	7.49E-07	4.75E-07	1.35E-07	6.10E-07	1.12E-07	3.46E-08	1.47E-07	8.77E-08	1.67E-08	1.04E-07
1571	625217.86	4265336.3	5.56E-07	1.77E-07	7.33E-07	4.65E-07	1.32E-07	5.97E-07	1.10E-07	3.39E-08	1.44E-07	8.59E-08	1.63E-08	1.02E-07
1572	625221.48	4265345.43	5.55E-07	1.76E-07	7.32E-07	4.64E-07	1.32E-07	5.96E-07	1.10E-07	3.38E-08	1.44E-07	8.57E-08	1.63E-08	1.02E-07
1573	625225.09	4265354.57	5.54E-07	1.76E-07	7.30E-07	4.63E-07	1.32E-07	5.95E-07	1.10E-07	3.37E-08	1.43E-07	8.55E-08	1.62E-08	1.02E-07
1574	625228.71	4265363.71	5.52E-07	1.75E-07	7.28E-07	4.62E-07	1.31E-07	5.93E-07	1.09E-07	3.36E-08	1.43E-07	8.52E-08	1.62E-08	1.01E-07
1575	625232.33	4265372.85	5.50E-07	1.75E-07	7.25E-07	4.60E-07	1.31E-07	5.91E-07	1.09E-07	3.35E-08	1.42E-07	8.49E-08	1.61E-08	1.01E-07
1576	625235.95	4265381.99	5.49E-07	1.74E-07	7.23E-07	4.59E-07	1.30E-07	5.89E-07	1.09E-07	3.34E-08	1.42E-07	8.47E-08	1.61E-08	1.01E-07
1577	625239.56	4265391.12	5.47E-07	1.74E-07	7.20E-07	4.57E-07	1.30E-07	5.87E-07	1.08E-07	3.33E-08	1.42E-07	8.44E-08	1.60E-08	1.00E-07
1578	625243.18	4265400.26	5.45E-07	1.73E-07	7.18E-07	4.55E-07	1.30E-07	5.85E-07	1.08E-07	3.31E-08	1.41E-07	8.41E-08	1.60E-08	1.00E-07
1579	625246.8	4265409.4	5.43E-07	1.72E-07	7.15E-07	4.54E-07	1.29E-07	5.83E-07	1.07E-07	3.30E-08	1.40E-07	8.37E-08	1.59E-08	9.96E-08
1580	625250.41	4265418.54	5.40E-07	1.72E-07	7.12E-07	4.52E-07	1.28E-07	5.80E-07	1.07E-07	3.29E-08	1.40E-07	8.34E-08	1.58E-08	9.92E-08
1581	625254.03	4265427.68	5.38E-07	1.71E-07	7.09E-07	4.50E-07	1.28E-07	5.78E-07	1.06E-07	3.27E-08	1.39E-07	8.30E-08	1.58E-08	9.88E-08
1582	625257.65	4265436.81	5.36E-07	1.70E-07	7.06E-07	4.48E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.39E-07	8.26E-08	1.57E-08	9.83E-08
1583	625261.26	4265445.95	5.33E-07	1.69E-07	7.02E-07	4.46E-07	1.27E-07	5.72E-07	1.06E-07	3.24E-08	1.38E-07	8.23E-08	1.56E-08	9.79E-08
1584	625264.88	4265455.09	5.30E-07	1.68E-07	6.99E-07	4.43E-07	1.26E-07	5.69E-07	1.05E-07	3.23E-08	1.37E-07	8.18E-08	1.55E-08	9.74E-08
1585	625268.5	4265464.23	5.28E-07	1.68E-07	6.95E-07	4.41E-07	1.25E-07	5.66E-07	1.04E-07	3.21E-08	1.37E-07	8.14E-08	1.55E-08	9.69E-08
1586	625272.11	4265473.37	5.25E-07	1.67E-07	6.91E-07	4.39E-07	1.25E-07	5.63E-07	1.04E-07	3.19E-08	1.36E-07	8.10E-08	1.54E-08	9.63E-08
1587	625275.73	4265482.5	5.22E-07	1.66E-07	6.87E-07	4.36E-07	1.24E-07	5.60E-07	1.03E-07	3.17E-08	1.35E-07	8.05E-08	1.53E-08	9.58E-08
1588	625279.35	4265491.64	5.19E-07	1.65E-07	6.83E-07	4.34E-07	1.23E-07	5.57E-07	1.03E-07	3.16E-08	1.34E-07	8.00E-08	1.52E-08	9.52E-08
1589	625282.96	4265500.78	5.15E-07	1.64E-07	6.79E-07	4.31E-07	1.23E-07	5.53E-07	1.02E-07	3.14E-08	1.33E-07	7.95E-08	1.51E-08	9.47E-08
1590	625286.58	4265509.92	5.12E-07	1.63E-07	6.75E-07	4.28E-07	1.22E-07	5.50E-07	1.01E-07	3.12E-08	1.33E-07	7.90E-08	1.50E-08	9.41E-08
1591	625290.2	4265519.06	5.09E-07	1.62E-07	6.70E-07	4.25E-07	1.21E-07	5.46E-07	1.01E-07	3.10E-08	1.32E-07	7.85E-08	1.49E-08	9.34E-08
1592	625293.82	4265528.19	5.05E-07	1.60E-07	6.66E-07	4.22E-07	1.20E-07	5.42E-07	1.00E-07	3.07E-08	1.31E-07	7.80E-08	1.48E-08	9.28E-08
1593	625297.43	4265537.33	5.02E-07	1.59E-07	6.61E-07	4.19E-07	1.19E-07	5.38E-07	9.93E-08	3.05E-08	1.30E-07	7.74E-08	1.47E-08	9.21E-08
1594	625301.05	4265546.47	4.98E-07	1.58E-07	6.56E-07	4.16E-07	1.18E-07	5.34E-07	9.85E-08	3.03E-08	1.29E-07	7.68E-08	1.46E-08	9.14E-08
1595	625304.67	4265555.61	4.94E-07	1.57E-07	6.51E-07	4.13E-07	1.17E-07	5.30E-07	9.77E-08	3.00E-08	1.28E-07	7.62E-08	1.45E-08	9.07E-08
1596	625308.28	4265564.75	4.90E-07	1.56E-07	6.45E-07	4.09E-07	1.16E-07	5.26E-07	9.69E-08	2.98E-08	1.27E-07	7.56E-08	1.44E-08	8.99E-08
1597	625311.9	4265573.88	4.86E-07	1.54E-07	6.40E-07	4.06E-07	1.15E-07	5.21E-07	9.61E-08	2.95E-08	1.26E-07	7.49E-08	1.42E-08	8.91E-08
1598	625315.52	4265583.02	4.81E-07	1.53E-07	6.34E-07	4.02E-07	1.14E-07	5.17E-07	9.52E-08	2.93E-08	1.25E-07	7.42E-08	1.41E-08	8.83E-08
1599	625319.13	4265592.16	4.77E-07	1.51E-07	6.28E-07	3.98E-07	1.13E-07	5.12E-07	9.44E-08	2.90E-08	1.23E-07	7.36E-08	1.40E-08	8.75E-08
1600	625322.75	4265601.3	4.72E-07	1.50E-07	6.22E-07	3.95E-07	1.12E-07	5.07E-07	9.34E-08	2.87E-08	1.22E-07	7.28E-08	1.38E-08	8.67E-08
1601	625326.37	4265610.44	4.67E-07	1.48E-07	6.15E-07	3.90E-07	1.11E-07	5.02E-07	9.25E-08	2.84E-08	1.21E-07	7.21E-08	1.37E-08	8.58E-08
1602	625329.98	4265619.57	4.62E-07	1.47E-07	6.09E-07	3.86E-07	1.10E-07	4.96E-07	9.15E-08	2.81E-08	1.20E-07	7.13E-08	1.35E-08	8.48E-08
1603	625333.6	4265628.71	4.57E-07	1.45E-07	6.02E-07	3.82E-07	1.09E-07	4.90E-07	9.04E-08	2.78E-08	1.18E-07	7.05E-08	1.34E-08	8.39E-08
1604	625337.22	4265637.85	4.51E-07	1.43E-07	5.95E-07	3.77E-07	1.07E-07	4.85E-07	8.93E-08	2.75E-08	1.17E-07	6.97E-08	1.32E-08	8.29E-08
1605	625340.83	4265646.99	4.46E-07	1.42E-07	5.87E-07	3.73E-07	1.06E-07	4.79E-07	8.83E-08	2.71E-08	1.15E-07	6.88E-08	1.31E-08	8.19E-08
1606	625344.45	4265656.13	4.40E-07	1.40E-07	5.80E-07	3.68E-07	1.05E-07	4.73E-07	8.71E-08	2.68E-08	1.14E-07	6.79E-08	1.29E-08	8.08E-08
1607	625348.07	4265665.26	4.34E-07	1.38E-07	5.72E-07	3.63E-07	1.03E-07	4.66E-07	8.60E-08	2.64E-08	1.12E-07	6.70E-08	1.27E-08	7.98E-08
1608	625351.69	4265674.4	4.29E-07	1.36E-07	5.65E-07	3.58E-07	1.02E-07	4.60E-07	8.49E-08	2.61E-08	1.11E-07	6.61E-08	1.26E-08	7.87E-08
1609	624862.3	4265175.36	7.22E-07	2.29E-07	9.52E-07	6.04E-07	1.72E-07	7.76E-07	1.43E-07	4.40E-08	1.87E-07	1.11E-07	2.12E-08	1.33E-07
1610	624852.39	4265175.22	7.22E-07	2.29E-07	9.52E-07	6.04E-07	1.72E-07	7.76E-07	1.43E-07	4.40E-08	1.87E-07	1.11E-07	2.12E-08	1.33E-07
1611	624842.48	4265175.08	7.22E-07	2.29E-07	9.51E-07	6.03E-07	1.72E-07	7.75E-07	1.43E-07	4.39E-08	1.87E-07	1.11E-07	2.12E-08	1.33E-07
1612	624832.58	4265174.95	7.21E-07	2.29E-07	9.50E-07	6.03E-07	1.71E-07	7.74E-07	1.43E-07	4.39E-08	1.87E-07	1.11E-07	2.11E-08	1.32E-07
1613	624822.67	4265174.81	7.20E-07	2.29E-07	9.49E-07	6.02E-07	1.71E-07	7.73E-07	1.43E-07	4.38E-08	1.86E-07	1.11E-07	2.11E-08	1.32E-07
1614	624812.76	4265174.67	7.18E-07	2.28E-07	9.47E-07	6.00E-07	1.71E-07	7.71E-07	1.42E-07	4.37E-08	1.86E-07	1.11E-07	2.11E-08	1.32E-07
1615	624802.85	4265174.53	7.16E-07	2.28E-07	9.44E-07	5.99E-07	1.70E-07	7.69E-07	1.42E-07	4.36E-08	1.85E-07	1.11E-07	2.10E-08	1.32E-07
1616	624792.94	4265174.4	7.14E-07	2.27E-07	9.40E-07	5.97E-07	1.70E-07	7.66E-07	1.41E-07	4.34E-08	1.85E-07	1.10E-07	2.09E-08	1.31E-07
1617	624783.03	4265174.26	7.11E-07	2.26E-07	9.36E-07	5.94E-07	1.69E-07	7.63E-07	1.41E-07	4.32E-08	1.84E-07	1.10E-07	2.08E-08	1.30E-07
1618	624773.12	4265174.12	7.07E-07	2.24E-07	9.31E-07	5.91E-07	1.68E-07	7.59E-07	1.40E-07	4.30E-08	1.83E-07	1.09E-07	2.07E-08	1.30E-07
1619	624763.21	4265173.98	7.03E-07	2.23E-07	9.26E-07	5.87E-07	1.67E-07	7.54E-07	1.39E-07	4.28E-08	1.82E-07	1.08E-07	2.06E-08	1.29E-07
1620	624753.31	4265173.85	6.98E-07	2.22E-07	9.19E-07	5.83E-07	1.66E-07	7.49E-07	1.38E-07	4.25E-08	1.81E-07	1.08E-07	2.04E-08	1.28E-07
1621	624743.4	4265173.71	6.92E-07	2.20E-07	9.12E-07	5.79E-07	1.65E-07	7.43E-07	1.37E-07	4.21E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
1622	624733.49	4265173.57	6.86E-07	2.18E-07	9.04E-07	5.73E-07	1.63E-07	7.36E-07	1.36E-07	4.17E-08	1.77E-07	1.06E-07	2.01E-08	1.26E-07
1623	624723.58	4265173.43	6.79E-07	2.16E-07	8.95E-07	5.68E-07	1.61E-07	7.29E-07	1.34E-07	4.13E-08	1.76E-07	1.05E-07	1.99E-08	1.25E-07
1624	624713.67	4265173.3	6.72E-07	2.13E-07	8.85E-07	5.61E-07	1.60E-07	7.21E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07

1625	624703.76	4265173.16	6.64E-07	2.11E-07	8.75E-07	5.55E-07	1.58E-07	7.13E-07	1.31E-07	4.04E-08	1.72E-07	1.02E-07	1.95E-08	1.22E-07
1626	624693.85	4265173.02	6.56E-07	2.08E-07	8.64E-07	5.48E-07	1.56E-07	7.04E-07	1.30E-07	3.99E-08	1.70E-07	1.01E-07	1.92E-08	1.20E-07
1627	624683.94	4265172.88	6.48E-07	2.06E-07	8.53E-07	5.41E-07	1.54E-07	6.95E-07	1.28E-07	3.94E-08	1.68E-07	9.99E-08	1.90E-08	1.19E-07
1628	624674.04	4265172.75	6.39E-07	2.03E-07	8.42E-07	5.34E-07	1.52E-07	6.86E-07	1.27E-07	3.89E-08	1.65E-07	9.86E-08	1.87E-08	1.17E-07
1629	624664.13	4265172.61	6.31E-07	2.00E-07	8.31E-07	5.27E-07	1.50E-07	6.77E-07	1.25E-07	3.84E-08	1.63E-07	9.73E-08	1.85E-08	1.16E-07
1630	624654.22	4265172.47	6.22E-07	1.98E-07	8.20E-07	5.20E-07	1.48E-07	6.68E-07	1.23E-07	3.79E-08	1.61E-07	9.60E-08	1.82E-08	1.14E-07
1631	624644.31	4265172.34	6.14E-07	1.95E-07	8.08E-07	5.13E-07	1.46E-07	6.59E-07	1.21E-07	3.73E-08	1.59E-07	9.47E-08	1.80E-08	1.13E-07
1632	624634.4	4265172.2	6.05E-07	1.92E-07	7.97E-07	5.06E-07	1.44E-07	6.50E-07	1.20E-07	3.68E-08	1.57E-07	9.34E-08	1.77E-08	1.11E-07
1633	624624.49	4265172.06	5.97E-07	1.90E-07	7.87E-07	4.99E-07	1.42E-07	6.41E-07	1.18E-07	3.63E-08	1.55E-07	9.21E-08	1.75E-08	1.10E-07
1634	624614.58	4265171.92	5.89E-07	1.87E-07	7.76E-07	4.93E-07	1.40E-07	6.33E-07	1.17E-07	3.59E-08	1.52E-07	9.09E-08	1.73E-08	1.08E-07
1635	624604.67	4265171.79	5.82E-07	1.85E-07	7.66E-07	4.86E-07	1.38E-07	6.24E-07	1.15E-07	3.54E-08	1.51E-07	8.97E-08	1.70E-08	1.07E-07
1636	624594.76	4265171.65	5.74E-07	1.82E-07	7.57E-07	4.80E-07	1.37E-07	6.17E-07	1.14E-07	3.49E-08	1.49E-07	8.86E-08	1.68E-08	1.05E-07
1637	624584.86	4265171.51	5.67E-07	1.80E-07	7.47E-07	4.74E-07	1.35E-07	6.09E-07	1.12E-07	3.45E-08	1.47E-07	8.75E-08	1.66E-08	1.04E-07
1638	624574.95	4265171.37	5.60E-07	1.78E-07	7.38E-07	4.68E-07	1.33E-07	6.02E-07	1.11E-07	3.41E-08	1.45E-07	8.65E-08	1.64E-08	1.03E-07
1639	624565.04	4265171.24	5.54E-07	1.76E-07	7.30E-07	4.63E-07	1.32E-07	5.95E-07	1.10E-07	3.37E-08	1.43E-07	8.55E-08	1.62E-08	1.02E-07
1640	624555.13	4265171.1	5.47E-07	1.74E-07	7.21E-07	4.58E-07	1.30E-07	5.88E-07	1.08E-07	3.33E-08	1.42E-07	8.45E-08	1.60E-08	1.01E-07
1641	624545.22	4265170.96	5.41E-07	1.72E-07	7.13E-07	4.52E-07	1.29E-07	5.81E-07	1.07E-07	3.29E-08	1.40E-07	8.35E-08	1.59E-08	9.94E-08
1642	624535.31	4265170.82	5.35E-07	1.70E-07	7.05E-07	4.47E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.39E-07	8.26E-08	1.57E-08	9.83E-08
1643	624525.4	4265170.69	5.29E-07	1.68E-07	6.98E-07	4.43E-07	1.26E-07	5.68E-07	1.05E-07	3.22E-08	1.37E-07	8.17E-08	1.55E-08	9.72E-08
1644	624515.49	4265170.55	5.24E-07	1.66E-07	6.90E-07	4.38E-07	1.25E-07	5.62E-07	1.04E-07	3.19E-08	1.36E-07	8.08E-08	1.53E-08	9.61E-08
1645	624505.59	4265170.41	5.18E-07	1.64E-07	6.82E-07	4.33E-07	1.23E-07	5.56E-07	1.03E-07	3.15E-08	1.34E-07	7.99E-08	1.52E-08	9.51E-08
1646	624495.68	4265170.27	5.12E-07	1.63E-07	6.75E-07	4.28E-07	1.22E-07	5.50E-07	1.01E-07	3.12E-08	1.33E-07	7.90E-08	1.50E-08	9.40E-08
1647	624485.77	4265170.14	5.06E-07	1.61E-07	6.67E-07	4.23E-07	1.20E-07	5.43E-07	1.00E-07	3.08E-08	1.31E-07	7.81E-08	1.48E-08	9.29E-08
1648	624475.86	4265170	5.00E-07	1.59E-07	6.59E-07	4.18E-07	1.19E-07	5.37E-07	9.90E-08	3.04E-08	1.29E-07	7.72E-08	1.47E-08	9.19E-08
1649	624465.95	4265169.86	4.95E-07	1.57E-07	6.52E-07	4.13E-07	1.18E-07	5.31E-07	9.79E-08	3.01E-08	1.28E-07	7.63E-08	1.45E-08	9.08E-08
1650	624456.04	4265169.72	4.89E-07	1.55E-07	6.44E-07	4.09E-07	1.16E-07	5.25E-07	9.68E-08	2.97E-08	1.27E-07	7.54E-08	1.43E-08	8.98E-08
1651	624446.13	4265169.59	4.83E-07	1.53E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.56E-08	2.94E-08	1.25E-07	7.45E-08	1.42E-08	8.87E-08
1652	624436.22	4265169.45	4.77E-07	1.52E-07	6.29E-07	3.99E-07	1.13E-07	5.12E-07	9.45E-08	2.90E-08	1.24E-07	7.36E-08	1.40E-08	8.76E-08
1653	624426.32	4265169.31	4.71E-07	1.50E-07	6.21E-07	3.94E-07	1.12E-07	5.06E-07	9.33E-08	2.87E-08	1.22E-07	7.27E-08	1.38E-08	8.66E-08
1654	624416.41	4265169.18	4.65E-07	1.48E-07	6.13E-07	3.89E-07	1.11E-07	5.00E-07	9.21E-08	2.83E-08	1.20E-07	7.18E-08	1.36E-08	8.55E-08
1655	624406.5	4265169.04	4.59E-07	1.46E-07	6.05E-07	3.84E-07	1.09E-07	4.93E-07	9.09E-08	2.80E-08	1.19E-07	7.09E-08	1.35E-08	8.44E-08
1656	624396.59	4265168.9	4.53E-07	1.44E-07	5.97E-07	3.79E-07	1.08E-07	4.87E-07	8.98E-08	2.76E-08	1.17E-07	7.00E-08	1.33E-08	8.33E-08
1657	624386.68	4265168.76	4.47E-07	1.42E-07	5.89E-07	3.74E-07	1.06E-07	4.80E-07	8.86E-08	2.72E-08	1.16E-07	6.90E-08	1.31E-08	8.21E-08
1658	624376.77	4265168.63	4.41E-07	1.40E-07	5.81E-07	3.69E-07	1.05E-07	4.74E-07	8.73E-08	2.69E-08	1.14E-07	6.81E-08	1.29E-08	8.10E-08
1659	624366.86	4265168.49	4.35E-07	1.38E-07	5.73E-07	3.64E-07	1.03E-07	4.67E-07	8.61E-08	2.65E-08	1.13E-07	6.71E-08	1.28E-08	7.99E-08
1660	624872	4265129.25	6.50E-07	2.06E-07	8.56E-07	5.43E-07	1.55E-07	6.98E-07	1.29E-07	3.95E-08	1.68E-07	1.00E-07	1.90E-08	1.19E-07
1661	624881	4265133.13	6.55E-07	2.08E-07	8.64E-07	5.48E-07	1.56E-07	7.04E-07	1.30E-07	3.99E-08	1.70E-07	1.01E-07	1.92E-08	1.20E-07
1662	624890.01	4265137.01	6.61E-07	2.10E-07	8.70E-07	5.52E-07	1.57E-07	7.09E-07	1.31E-07	4.02E-08	1.71E-07	1.02E-07	1.94E-08	1.21E-07
1663	624899.01	4265140.9	6.66E-07	2.11E-07	8.77E-07	5.56E-07	1.58E-07	7.15E-07	1.32E-07	4.05E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07
1664	624908.01	4265144.78	6.70E-07	2.13E-07	8.83E-07	5.60E-07	1.59E-07	7.19E-07	1.33E-07	4.08E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
1665	624917.01	4265148.66	6.74E-07	2.14E-07	8.88E-07	5.64E-07	1.60E-07	7.24E-07	1.33E-07	4.10E-08	1.74E-07	1.04E-07	1.98E-08	1.24E-07
1666	624926.02	4265152.55	6.78E-07	2.15E-07	8.93E-07	5.67E-07	1.61E-07	7.28E-07	1.34E-07	4.13E-08	1.75E-07	1.05E-07	1.99E-08	1.24E-07
1667	624935.02	4265156.43	6.81E-07	2.16E-07	8.98E-07	5.70E-07	1.62E-07	7.32E-07	1.35E-07	4.15E-08	1.76E-07	1.05E-07	2.00E-08	1.25E-07
1668	624944.02	4265160.31	6.84E-07	2.17E-07	9.02E-07	5.72E-07	1.63E-07	7.35E-07	1.35E-07	4.16E-08	1.77E-07	1.06E-07	2.01E-08	1.26E-07
1669	624953.03	4265164.2	6.87E-07	2.18E-07	9.05E-07	5.74E-07	1.63E-07	7.38E-07	1.36E-07	4.18E-08	1.78E-07	1.06E-07	2.01E-08	1.26E-07
1670	624962.03	4265168.08	6.89E-07	2.19E-07	9.08E-07	5.76E-07	1.64E-07	7.40E-07	1.36E-07	4.19E-08	1.78E-07	1.06E-07	2.02E-08	1.27E-07
1671	624971.03	4265171.96	6.91E-07	2.19E-07	9.10E-07	5.78E-07	1.64E-07	7.42E-07	1.37E-07	4.20E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
1672	624980.04	4265175.85	6.92E-07	2.20E-07	9.12E-07	5.79E-07	1.65E-07	7.43E-07	1.37E-07	4.21E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
1673	624989.04	4265179.73	6.93E-07	2.20E-07	9.13E-07	5.79E-07	1.65E-07	7.44E-07	1.37E-07	4.22E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
1674	624998.04	4265183.61	6.93E-07	2.20E-07	9.13E-07	5.79E-07	1.65E-07	7.44E-07	1.37E-07	4.22E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
1675	625007.05	4265187.5	6.92E-07	2.20E-07	9.12E-07	5.79E-07	1.65E-07	7.43E-07	1.37E-07	4.21E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
1676	625016.05	4265191.38	6.91E-07	2.19E-07	9.11E-07	5.78E-07	1.64E-07	7.42E-07	1.37E-07	4.21E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
1677	625025.05	4265195.26	6.89E-07	2.19E-07	9.08E-07	5.76E-07	1.64E-07	7.40E-07	1.36E-07	4.19E-08	1.78E-07	1.06E-07	2.02E-08	1.27E-07
1678	625034.06	4265199.14	6.87E-07	2.18E-07	9.05E-07	5.74E-07	1.63E-07	7.37E-07	1.36E-07	4.18E-08	1.78E-07	1.06E-07	2.01E-08	1.26E-07
1679	625043.06	4265203.03	6.84E-07	2.17E-07	9.01E-07	5.71E-07	1.63E-07	7.34E-07	1.35E-07	4.16E-08	1.77E-07	1.05E-07	2.00E-08	1.26E-07
1680	625052.06	4265206.91	6.80E-07	2.16E-07	8.96E-07	5.68E-07	1.62E-07	7.30E-07	1.35E-07	4.14E-08	1.76E-07	1.05E-07	1.99E-08	1.25E-07
1681	625061.07	4265210.79	6.75E-07	2.15E-07	8.90E-07	5.65E-07	1.61E-07	7.25E-07	1.34E-07	4.11E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
1682	625070.07	4265214.68	6.70E-07	2.13E-07	8.83E-07	5.60E-07	1.59E-07	7.20E-07	1.33E-07	4.08E-08	1.74E-07	1.03E-07	1.97E-08	1.23E-07
1683	625079.07	4265218.56	6.65E-07	2.11E-07	8.76E-07	5.56E-07	1.58E-07	7.14E-07	1.32E-07	4.05E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07
1684	625088.07	4265222.44	6.59E-07	2.09E-07	8.68E-07	5.51E-07	1.57E-07	7.07E-07	1.30E-07	4.01E-08	1.70E-07	1.02E-07	1.93E-08	1.21E-07
1685	625097.08	4265226.33	6.52E-07	2.07E-07	8.59E-07	5.45E-07	1.55E-07	7.00E-07	1.29E-07	3.97E-08	1.69E-07	1.01E-07	1.91E-08	1.20E-07
1686	625106.08	4265230.21	6.45E-07	2.05E-07	8.50E-07	5.39E-07	1.53E-07	6.92E-07	1.28E-07	3.92E-08	1.67E-07	9.95E-08	1.89E-08	1.18E-07
1687	625115.08	4265234.09	6.37E-07	2.02E-07	8.39E-07	5.33E-07	1.51E-07	6.84E-07	1.26E-07	3.88E-08	1.65E-07	9.83E-08	1.87E-08	1.17E-07
1688	625124.09	4265237.98	6.29E-07	2.00E-07	8.29E-07	5.26E-07	1.50E-07	6.75E-07	1.25E-07	3.83E-08	1.63E-07	9.71E-08	1.84E-08	1.15E-07
1689	625133.09	4265241.86	6.21E-07	1.97E-07	8.18E-07	5.19E-07	1.48E-07	6.66E-07	1.23E-07	3.78E-08	1.61E-07	9.58E-08	1.82E-08	1.14E-07
1690	625142.09	4265245.74	6.12E-07	1.94E-07	8.06E-07	5.12E-07	1.46E-07	6.57E-07	1.21E-07	3.72E-08	1.58E-07	9.44E-08	1.79E-08	1.12E-07
1691	625151.1	4265249.63	6.03E-07	1.92E-07	7.95E-07	5.04E-07	1.43E-07	6.47E-07	1.19E-07	3.67E-08	1.56E-07	9.31E-08	1.77E-08	1.11E-07
1692	625160.1	4265253.51	5.94E-07	1.89E-07	7.83E-07	4.96E-07	1.41E-07	6.38E-07	1.18E-07	3.61E-08	1.54E-07	9.17E-08	1.74E-08	1.09E-07
1693	625169.1	4265257.39	5.85E-07	1.86E-07	7.70E-07	4.89E-07	1.39E-07	6.28E-07	1.16E-07	3.56E-08	1.51E-07	9.02E-08	1.71E-08	1.07E-07
1694	625178.11	4265261.28	5.75E-07	1.83E-07	7.58E-07	4.81E-07	1.37E-07	6.18E-07	1.14E-07	3.50E-08	1.49E-07	8.88E-08	1.69E-08	1.06E-07
1695	625187.11	4265265.16	5.66E-07	1.80E-07	7.46E-07	4.73E-07	1.35E-07	6.07E-07	1.12E-07	3.44E-08	1.46E-07	8.73E-08	1.66E-08	1.04E-07
1696	625196.11	4265269.04	5.56E-07	1.77E-07	7.33E-07	4.65E-07	1.32E-07	5.97E-07	1.10E-07	3.39E-08	1.44E-07	8.59E-08	1.63E-08	1.02E-07
1697	625205.12	4265272.93	5.47E-07	1.74E-07	7.21E-07	4.57E-07	1.30E-07	5.87E-07	1.08E-07	3.33E-08	1.42E-07	8.44E-08	1.60E-08	1.00E-07
1698	625214.12	4265276.81	5.38E-07	1.71E-07	7.08E-07	4.49E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.30E-08	1.58E-08	9.87E-08

1699	625223.12	4265280.69	5.28E-07	1.68E-07	6.96E-07	4.42E-07	1.26E-07	5.67E-07	1.05E-07	3.21E-08	1.37E-07	8.15E-08	1.55E-08	9.70E-08
1700	625232.12	4265284.58	5.19E-07	1.65E-07	6.84E-07	4.34E-07	1.23E-07	5.57E-07	1.03E-07	3.16E-08	1.34E-07	8.01E-08	1.52E-08	9.53E-08
1701	625241.13	4265288.46	5.10E-07	1.62E-07	6.72E-07	4.26E-07	1.21E-07	5.48E-07	1.01E-07	3.10E-08	1.32E-07	7.87E-08	1.50E-08	9.37E-08
1702	625253.74	4265301.46	5.00E-07	1.59E-07	6.59E-07	4.18E-07	1.19E-07	5.37E-07	9.90E-08	3.04E-08	1.29E-07	7.72E-08	1.47E-08	9.19E-08
1703	625257.35	4265310.58	4.99E-07	1.59E-07	6.58E-07	4.17E-07	1.19E-07	5.36E-07	9.88E-08	3.04E-08	1.29E-07	7.70E-08	1.46E-08	9.16E-08
1704	625260.96	4265319.69	4.98E-07	1.58E-07	6.56E-07	4.16E-07	1.18E-07	5.35E-07	9.86E-08	3.03E-08	1.29E-07	7.68E-08	1.46E-08	9.14E-08
1705	625264.57	4265328.81	4.97E-07	1.58E-07	6.54E-07	4.15E-07	1.18E-07	5.33E-07	9.83E-08	3.02E-08	1.29E-07	7.66E-08	1.46E-08	9.12E-08
1706	625268.17	4265337.93	4.95E-07	1.57E-07	6.53E-07	4.14E-07	1.18E-07	5.32E-07	9.80E-08	3.01E-08	1.28E-07	7.64E-08	1.45E-08	9.09E-08
1707	625271.78	4265347.04	4.94E-07	1.57E-07	6.51E-07	4.13E-07	1.17E-07	5.30E-07	9.78E-08	3.01E-08	1.28E-07	7.62E-08	1.45E-08	9.07E-08
1708	625275.39	4265356.16	4.92E-07	1.56E-07	6.49E-07	4.12E-07	1.17E-07	5.29E-07	9.75E-08	3.00E-08	1.27E-07	7.60E-08	1.44E-08	9.04E-08
1709	625279	4265365.28	4.91E-07	1.56E-07	6.47E-07	4.10E-07	1.17E-07	5.27E-07	9.71E-08	2.99E-08	1.27E-07	7.57E-08	1.44E-08	9.01E-08
1710	625282.61	4265374.39	4.89E-07	1.55E-07	6.44E-07	4.09E-07	1.16E-07	5.25E-07	9.68E-08	2.98E-08	1.27E-07	7.55E-08	1.43E-08	8.98E-08
1711	625286.22	4265383.51	4.87E-07	1.55E-07	6.42E-07	4.07E-07	1.16E-07	5.23E-07	9.65E-08	2.97E-08	1.26E-07	7.52E-08	1.43E-08	8.95E-08
1712	625289.82	4265392.63	4.85E-07	1.54E-07	6.40E-07	4.06E-07	1.15E-07	5.21E-07	9.61E-08	2.95E-08	1.26E-07	7.49E-08	1.42E-08	8.91E-08
1713	625293.43	4265401.74	4.84E-07	1.54E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.88E-08
1714	625297.04	4265410.86	4.82E-07	1.53E-07	6.35E-07	4.03E-07	1.15E-07	5.17E-07	9.53E-08	2.93E-08	1.25E-07	7.43E-08	1.41E-08	8.84E-08
1715	625300.65	4265419.98	4.80E-07	1.52E-07	6.32E-07	4.01E-07	1.14E-07	5.15E-07	9.49E-08	2.92E-08	1.24E-07	7.40E-08	1.41E-08	8.80E-08
1716	625304.26	4265429.09	4.77E-07	1.52E-07	6.29E-07	3.99E-07	1.14E-07	5.13E-07	9.45E-08	2.90E-08	1.24E-07	7.37E-08	1.40E-08	8.77E-08
1717	625307.87	4265438.21	4.75E-07	1.51E-07	6.26E-07	3.97E-07	1.13E-07	5.10E-07	9.40E-08	2.89E-08	1.23E-07	7.33E-08	1.39E-08	8.72E-08
1718	625311.48	4265447.33	4.73E-07	1.50E-07	6.23E-07	3.95E-07	1.12E-07	5.08E-07	9.36E-08	2.88E-08	1.22E-07	7.30E-08	1.39E-08	8.68E-08
1719	625315.08	4265456.44	4.70E-07	1.49E-07	6.20E-07	3.93E-07	1.12E-07	5.05E-07	9.31E-08	2.86E-08	1.22E-07	7.26E-08	1.38E-08	8.64E-08
1720	625318.69	4265465.56	4.68E-07	1.49E-07	6.17E-07	3.91E-07	1.11E-07	5.02E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
1721	625322.3	4265474.68	4.65E-07	1.48E-07	6.13E-07	3.89E-07	1.11E-07	5.00E-07	9.21E-08	2.83E-08	1.20E-07	7.18E-08	1.36E-08	8.55E-08
1722	625325.91	4265483.8	4.63E-07	1.47E-07	6.10E-07	3.87E-07	1.10E-07	4.97E-07	9.16E-08	2.82E-08	1.20E-07	7.14E-08	1.36E-08	8.50E-08
1723	625329.52	4265492.91	4.60E-07	1.46E-07	6.06E-07	3.84E-07	1.09E-07	4.94E-07	9.10E-08	2.80E-08	1.19E-07	7.10E-08	1.35E-08	8.45E-08
1724	625333.13	4265502.03	4.57E-07	1.45E-07	6.02E-07	3.82E-07	1.09E-07	4.91E-07	9.05E-08	2.78E-08	1.18E-07	7.05E-08	1.34E-08	8.39E-08
1725	625336.73	4265511.15	4.54E-07	1.44E-07	5.98E-07	3.80E-07	1.08E-07	4.88E-07	8.99E-08	2.76E-08	1.18E-07	7.01E-08	1.33E-08	8.34E-08
1726	625340.34	4265520.26	4.51E-07	1.43E-07	5.94E-07	3.77E-07	1.07E-07	4.84E-07	8.93E-08	2.74E-08	1.17E-07	6.96E-08	1.32E-08	8.28E-08
1727	625343.95	4265529.38	4.48E-07	1.42E-07	5.90E-07	3.74E-07	1.06E-07	4.81E-07	8.86E-08	2.73E-08	1.16E-07	6.91E-08	1.31E-08	8.22E-08
1728	625347.56	4265538.5	4.45E-07	1.41E-07	5.86E-07	3.72E-07	1.06E-07	4.77E-07	8.80E-08	2.71E-08	1.15E-07	6.86E-08	1.30E-08	8.16E-08
1729	625351.17	4265547.61	4.41E-07	1.40E-07	5.81E-07	3.69E-07	1.05E-07	4.74E-07	8.73E-08	2.68E-08	1.14E-07	6.81E-08	1.29E-08	8.10E-08
1730	625354.78	4265556.73	4.38E-07	1.39E-07	5.77E-07	3.66E-07	1.04E-07	4.70E-07	8.66E-08	2.66E-08	1.13E-07	6.75E-08	1.28E-08	8.04E-08
1731	625358.39	4265565.85	4.34E-07	1.38E-07	5.72E-07	3.63E-07	1.03E-07	4.66E-07	8.59E-08	2.64E-08	1.12E-07	6.70E-08	1.27E-08	7.97E-08
1732	625361.99	4265574.96	4.30E-07	1.37E-07	5.67E-07	3.60E-07	1.02E-07	4.62E-07	8.51E-08	2.62E-08	1.11E-07	6.64E-08	1.26E-08	7.90E-08
1733	625365.6	4265584.08	4.26E-07	1.35E-07	5.62E-07	3.56E-07	1.01E-07	4.58E-07	8.44E-08	2.59E-08	1.10E-07	6.58E-08	1.25E-08	7.83E-08
1734	625369.21	4265593.2	4.22E-07	1.34E-07	5.56E-07	3.53E-07	1.00E-07	4.53E-07	8.36E-08	2.57E-08	1.09E-07	6.51E-08	1.24E-08	7.75E-08
1735	625372.82	4265602.31	4.18E-07	1.33E-07	5.51E-07	3.49E-07	9.94E-08	4.49E-07	8.27E-08	2.54E-08	1.08E-07	6.45E-08	1.22E-08	7.67E-08
1736	625376.43	4265611.43	4.14E-07	1.31E-07	5.45E-07	3.46E-07	9.83E-08	4.44E-07	8.19E-08	2.52E-08	1.07E-07	6.38E-08	1.21E-08	7.59E-08
1737	625380.04	4265620.55	4.09E-07	1.30E-07	5.39E-07	3.42E-07	9.73E-08	4.39E-07	8.10E-08	2.49E-08	1.06E-07	6.31E-08	1.20E-08	7.51E-08
1738	625383.64	4265629.66	4.04E-07	1.28E-07	5.33E-07	3.38E-07	9.62E-08	4.34E-07	8.01E-08	2.46E-08	1.05E-07	6.24E-08	1.19E-08	7.43E-08
1739	625387.25	4265638.78	4.00E-07	1.27E-07	5.27E-07	3.34E-07	9.50E-08	4.29E-07	7.91E-08	2.43E-08	1.03E-07	6.17E-08	1.17E-08	7.34E-08
1740	625390.86	4265647.9	3.95E-07	1.25E-07	5.20E-07	3.30E-07	9.39E-08	4.24E-07	7.81E-08	2.40E-08	1.02E-07	6.09E-08	1.16E-08	7.25E-08
1741	625394.47	4265657.01	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.27E-08	4.18E-07	7.72E-08	2.37E-08	1.01E-07	6.01E-08	1.14E-08	7.16E-08
1742	625398.08	4265666.13	3.85E-07	1.22E-07	5.07E-07	3.22E-07	9.15E-08	4.13E-07	7.62E-08	2.34E-08	9.96E-08	5.94E-08	1.13E-08	7.06E-08
1743	625401.69	4265675.25	3.80E-07	1.21E-07	5.00E-07	3.17E-07	9.03E-08	4.08E-07	7.51E-08	2.31E-08	9.82E-08	5.86E-08	1.11E-08	6.97E-08
1744	624863	4265125.36	6.44E-07	2.05E-07	8.49E-07	5.38E-07	1.53E-07	6.92E-07	1.27E-07	3.92E-08	1.67E-07	9.94E-08	1.89E-08	1.18E-07
1745	624853.09	4265125.23	6.43E-07	2.04E-07	8.47E-07	5.38E-07	1.53E-07	6.90E-07	1.27E-07	3.91E-08	1.66E-07	9.92E-08	1.88E-08	1.18E-07
1746	624843.18	4265125.09	6.42E-07	2.04E-07	8.46E-07	5.36E-07	1.53E-07	6.89E-07	1.27E-07	3.91E-08	1.66E-07	9.90E-08	1.88E-08	1.18E-07
1747	624833.27	4265124.95	6.40E-07	2.03E-07	8.43E-07	5.35E-07	1.52E-07	6.87E-07	1.27E-07	3.90E-08	1.66E-07	9.88E-08	1.88E-08	1.18E-07
1748	624823.36	4265124.81	6.38E-07	2.03E-07	8.41E-07	5.34E-07	1.52E-07	6.85E-07	1.26E-07	3.88E-08	1.65E-07	9.85E-08	1.87E-08	1.17E-07
1749	624813.45	4265124.68	6.36E-07	2.02E-07	8.38E-07	5.32E-07	1.51E-07	6.83E-07	1.26E-07	3.87E-08	1.65E-07	9.82E-08	1.86E-08	1.17E-07
1750	624803.54	4265124.54	6.34E-07	2.01E-07	8.35E-07	5.30E-07	1.51E-07	6.80E-07	1.25E-07	3.86E-08	1.64E-07	9.78E-08	1.86E-08	1.16E-07
1751	624793.63	4265124.4	6.31E-07	2.00E-07	8.31E-07	5.27E-07	1.50E-07	6.77E-07	1.25E-07	3.84E-08	1.63E-07	9.73E-08	1.85E-08	1.16E-07
1752	624783.73	4265124.26	6.28E-07	1.99E-07	8.27E-07	5.25E-07	1.49E-07	6.74E-07	1.24E-07	3.82E-08	1.62E-07	9.68E-08	1.84E-08	1.15E-07
1753	624773.82	4265124.13	6.24E-07	1.98E-07	8.22E-07	5.22E-07	1.48E-07	6.70E-07	1.24E-07	3.80E-08	1.61E-07	9.63E-08	1.83E-08	1.15E-07
1754	624763.91	4265123.99	6.20E-07	1.97E-07	8.17E-07	5.18E-07	1.47E-07	6.66E-07	1.23E-07	3.77E-08	1.60E-07	9.57E-08	1.82E-08	1.14E-07
1755	624754	4265123.85	6.15E-07	1.95E-07	8.11E-07	5.14E-07	1.46E-07	6.61E-07	1.22E-07	3.74E-08	1.59E-07	9.50E-08	1.80E-08	1.13E-07
1756	624744.09	4265123.71	6.10E-07	1.94E-07	8.04E-07	5.10E-07	1.45E-07	6.55E-07	1.21E-07	3.71E-08	1.58E-07	9.42E-08	1.79E-08	1.12E-07
1757	624734.18	4265123.58	6.05E-07	1.92E-07	7.97E-07	5.06E-07	1.44E-07	6.49E-07	1.20E-07	3.68E-08	1.57E-07	9.33E-08	1.77E-08	1.11E-07
1758	624724.27	4265123.44	5.99E-07	1.90E-07	7.89E-07	5.01E-07	1.42E-07	6.43E-07	1.19E-07	3.64E-08	1.55E-07	9.24E-08	1.76E-08	1.10E-07
1759	624714.36	4265123.3	5.93E-07	1.88E-07	7.81E-07	4.95E-07	1.41E-07	6.36E-07	1.17E-07	3.61E-08	1.53E-07	9.14E-08	1.74E-08	1.09E-07
1760	624704.46	4265123.16	5.86E-07	1.86E-07	7.72E-07	4.90E-07	1.39E-07	6.29E-07	1.16E-07	3.57E-08	1.52E-07	9.04E-08	1.72E-08	1.08E-07
1761	624694.55	4265123.03	5.79E-07	1.84E-07	7.63E-07	4.84E-07	1.38E-07	6.22E-07	1.15E-07	3.53E-08	1.50E-07	8.94E-08	1.70E-08	1.06E-07
1762	624684.64	4265122.89	5.72E-07	1.82E-07	7.54E-07	4.79E-07	1.36E-07	6.15E-07	1.13E-07	3.48E-08	1.48E-07	8.83E-08	1.68E-08	1.05E-07
1763	624674.73	4265122.75	5.65E-07	1.80E-07	7.45E-07	4.73E-07	1.34E-07	6.07E-07	1.12E-07	3.44E-08	1.46E-07	8.72E-08	1.66E-08	1.04E-07
1764	624664.82	4265122.61	5.58E-07	1.77E-07	7.35E-07	4.67E-07	1.33E-07	5.99E-07	1.10E-07	3.40E-08	1.44E-07	8.61E-08	1.64E-08	1.02E-07
1765	624654.91	4265122.48	5.51E-07	1.75E-07	7.26E-07	4.60E-07	1.31E-07	5.91E-07	1.09E-07	3.35E-08	1.43E-07	8.50E-08	1.61E-08	1.01E-07
1766	624645	4265122.34	5.44E-07	1.73E-07	7.16E-07	4.54E-07	1.29E-07	5.84E-07	1.08E-07	3.31E-08	1.41E-07	8.39E-08	1.59E-08	9.98E-08
1767	624635.09	4265122.2	5.37E-07	1.70E-07	7.07E-07	4.49E-07	1.28E-07	5.76E-07	1.06E-07	3.27E-08	1.39E-07	8.28E-08	1.57E-08	9.85E-08
1768	624625.18	4265122.07	5.30E-07	1.68E-07	6.98E-07	4.43E-07	1.26E-07	5.69E-07	1.05E-07	3.22E-08	1.37E-07	8.17E-08	1.55E-08	9.73E-08
1769	624615.28	4265121.93	5.23E-07	1.66E-07	6.89E-07	4.37E-07	1.24E-07	5.62E-07	1.04E-07	3.18E-08	1.35E-07	8.07E-08	1.53E-08	9.60E-08
1770	624605.37	4265121.79	5.17E-07	1.64E-07	6.81E-07	4.32E-07	1.23E-07	5.55E-07	1.02E-07	3.14E-08	1.34E-07	7.97E-08	1.51E-08	9.49E-08
1771	624595.46	4265121.65	5.10E-07	1.62E-07	6.73E-07	4.27E-07	1.21E-07	5.48E-07	1.01E-07	3.11E-08	1.32E-07	7.88E-08	1.50E-08	9.37E-08
1772	624585.55	4265121.52	5.05E-07	1.60E-07	6.65E-07	4.22E-07	1.20E-07	5.42E-07	9.99E-08	3.07E-08	1.31E-07	7.79E-08	1.48E-08	9.27E-08

1773	624575.64	4265121.38	4.99E-07	1.58E-07	6.57E-07	4.17E-07	1.19E-07	5.36E-07	9.88E-08	3.04E-08	1.29E-07	7.70E-08	1.46E-08	9.16E-08
1774	624565.73	4265121.24	4.94E-07	1.57E-07	6.50E-07	4.13E-07	1.17E-07	5.30E-07	9.77E-08	3.00E-08	1.28E-07	7.62E-08	1.45E-08	9.06E-08
1775	624555.82	4265121.1	4.88E-07	1.55E-07	6.44E-07	4.08E-07	1.16E-07	5.24E-07	9.67E-08	2.97E-08	1.26E-07	7.54E-08	1.43E-08	8.97E-08
1776	624545.91	4265120.97	4.83E-07	1.54E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.88E-08
1777	624536.01	4265120.83	4.79E-07	1.52E-07	6.31E-07	4.00E-07	1.14E-07	5.14E-07	9.47E-08	2.91E-08	1.24E-07	7.38E-08	1.40E-08	8.79E-08
1778	624526.1	4265120.69	4.74E-07	1.50E-07	6.24E-07	3.96E-07	1.13E-07	5.09E-07	9.38E-08	2.88E-08	1.23E-07	7.31E-08	1.39E-08	8.70E-08
1779	624516.19	4265120.55	4.69E-07	1.49E-07	6.18E-07	3.92E-07	1.11E-07	5.03E-07	9.28E-08	2.85E-08	1.21E-07	7.23E-08	1.37E-08	8.61E-08
1780	624506.28	4265120.42	4.64E-07	1.47E-07	6.11E-07	3.88E-07	1.10E-07	4.98E-07	9.18E-08	2.82E-08	1.20E-07	7.16E-08	1.36E-08	8.52E-08
1781	624496.37	4265120.28	4.59E-07	1.46E-07	6.05E-07	3.84E-07	1.09E-07	4.93E-07	9.09E-08	2.79E-08	1.19E-07	7.09E-08	1.35E-08	8.43E-08
1782	624486.46	4265120.14	4.55E-07	1.44E-07	5.99E-07	3.80E-07	1.08E-07	4.88E-07	9.00E-08	2.77E-08	1.18E-07	7.02E-08	1.33E-08	8.35E-08
1783	624476.55	4265120	4.50E-07	1.43E-07	5.93E-07	3.76E-07	1.07E-07	4.83E-07	8.91E-08	2.74E-08	1.16E-07	6.94E-08	1.32E-08	8.26E-08
1784	624466.64	4265119.87	4.45E-07	1.41E-07	5.87E-07	3.72E-07	1.06E-07	4.78E-07	8.81E-08	2.71E-08	1.15E-07	6.87E-08	1.31E-08	8.18E-08
1785	624456.74	4265119.73	4.41E-07	1.40E-07	5.80E-07	3.68E-07	1.05E-07	4.73E-07	8.72E-08	2.68E-08	1.14E-07	6.80E-08	1.29E-08	8.09E-08
1786	624446.83	4265119.59	4.36E-07	1.38E-07	5.74E-07	3.64E-07	1.04E-07	4.68E-07	8.63E-08	2.65E-08	1.13E-07	6.72E-08	1.28E-08	8.00E-08
1787	624436.92	4265119.45	4.31E-07	1.37E-07	5.68E-07	3.60E-07	1.02E-07	4.63E-07	8.53E-08	2.62E-08	1.12E-07	6.65E-08	1.26E-08	7.91E-08
1788	624427.01	4265119.32	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.82E-08
1789	624417.1	4265119.18	4.21E-07	1.34E-07	5.55E-07	3.52E-07	1.00E-07	4.52E-07	8.33E-08	2.56E-08	1.09E-07	6.50E-08	1.23E-08	7.73E-08
1790	624407.19	4265119.04	4.16E-07	1.32E-07	5.48E-07	3.48E-07	9.89E-08	4.47E-07	8.24E-08	2.53E-08	1.08E-07	6.42E-08	1.22E-08	7.64E-08
1791	624397.28	4265118.91	4.11E-07	1.31E-07	5.42E-07	3.44E-07	9.78E-08	4.41E-07	8.14E-08	2.50E-08	1.06E-07	6.34E-08	1.20E-08	7.55E-08
1792	624387.37	4265118.77	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.66E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
1793	624377.46	4265118.63	4.01E-07	1.27E-07	5.28E-07	3.35E-07	9.54E-08	4.31E-07	7.94E-08	2.44E-08	1.04E-07	6.19E-08	1.18E-08	7.36E-08
1794	624367.56	4265118.49	3.96E-07	1.26E-07	5.22E-07	3.31E-07	9.42E-08	4.25E-07	7.84E-08	2.41E-08	1.03E-07	6.11E-08	1.16E-08	7.27E-08
1795	624872.67	4265079.24	5.82E-07	1.85E-07	7.67E-07	4.87E-07	1.38E-07	6.25E-07	1.15E-07	3.54E-08	1.51E-07	8.98E-08	1.71E-08	1.07E-07
1796	624881.66	4265083.12	5.88E-07	1.87E-07	7.74E-07	4.91E-07	1.40E-07	6.31E-07	1.16E-07	3.58E-08	1.52E-07	9.07E-08	1.72E-08	1.08E-07
1797	624890.65	4265086.99	5.93E-07	1.88E-07	7.81E-07	4.96E-07	1.41E-07	6.37E-07	1.17E-07	3.61E-08	1.53E-07	9.15E-08	1.74E-08	1.09E-07
1798	624899.63	4265090.87	5.98E-07	1.90E-07	7.88E-07	5.00E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.23E-08	1.75E-08	1.10E-07
1799	624908.62	4265094.75	6.03E-07	1.91E-07	7.94E-07	5.04E-07	1.43E-07	6.47E-07	1.19E-07	3.67E-08	1.56E-07	9.30E-08	1.77E-08	1.11E-07
1800	624917.6	4265098.62	6.07E-07	1.93E-07	8.00E-07	5.08E-07	1.44E-07	6.52E-07	1.20E-07	3.69E-08	1.57E-07	9.37E-08	1.78E-08	1.11E-07
1801	624926.59	4265102.5	6.11E-07	1.94E-07	8.06E-07	5.11E-07	1.45E-07	6.56E-07	1.21E-07	3.72E-08	1.58E-07	9.43E-08	1.79E-08	1.12E-07
1802	624935.57	4265106.37	6.15E-07	1.95E-07	8.11E-07	5.14E-07	1.46E-07	6.60E-07	1.22E-07	3.74E-08	1.59E-07	9.49E-08	1.80E-08	1.13E-07
1803	624944.56	4265110.25	6.19E-07	1.97E-07	8.15E-07	5.17E-07	1.47E-07	6.64E-07	1.22E-07	3.76E-08	1.60E-07	9.55E-08	1.81E-08	1.14E-07
1804	624953.55	4265114.13	6.22E-07	1.98E-07	8.19E-07	5.20E-07	1.48E-07	6.68E-07	1.23E-07	3.78E-08	1.61E-07	9.60E-08	1.82E-08	1.14E-07
1805	624962.53	4265118	6.25E-07	1.98E-07	8.23E-07	5.22E-07	1.49E-07	6.71E-07	1.24E-07	3.80E-08	1.62E-07	9.64E-08	1.83E-08	1.15E-07
1806	624971.52	4265121.88	6.28E-07	1.99E-07	8.27E-07	5.25E-07	1.49E-07	6.74E-07	1.24E-07	3.82E-08	1.62E-07	9.68E-08	1.84E-08	1.15E-07
1807	624980.5	4265125.75	6.30E-07	2.00E-07	8.30E-07	5.26E-07	1.50E-07	6.76E-07	1.25E-07	3.83E-08	1.63E-07	9.72E-08	1.85E-08	1.16E-07
1808	624989.49	4265129.63	6.31E-07	2.01E-07	8.32E-07	5.28E-07	1.50E-07	6.78E-07	1.25E-07	3.84E-08	1.63E-07	9.74E-08	1.85E-08	1.16E-07
1809	624998.48	4265133.5	6.32E-07	2.01E-07	8.33E-07	5.29E-07	1.50E-07	6.79E-07	1.25E-07	3.85E-08	1.64E-07	9.76E-08	1.85E-08	1.16E-07
1810	625007.46	4265137.38	6.33E-07	2.01E-07	8.34E-07	5.29E-07	1.51E-07	6.80E-07	1.25E-07	3.85E-08	1.64E-07	9.77E-08	1.86E-08	1.16E-07
1811	625016.45	4265141.26	6.33E-07	2.01E-07	8.34E-07	5.29E-07	1.51E-07	6.80E-07	1.25E-07	3.85E-08	1.64E-07	9.77E-08	1.86E-08	1.16E-07
1812	625025.43	4265145.13	6.33E-07	2.01E-07	8.34E-07	5.29E-07	1.50E-07	6.79E-07	1.25E-07	3.85E-08	1.64E-07	9.76E-08	1.85E-08	1.16E-07
1813	625034.42	4265149.01	6.32E-07	2.01E-07	8.32E-07	5.28E-07	1.50E-07	6.78E-07	1.25E-07	3.84E-08	1.64E-07	9.75E-08	1.85E-08	1.16E-07
1814	625043.4	4265152.88	6.30E-07	2.00E-07	8.30E-07	5.27E-07	1.50E-07	6.77E-07	1.25E-07	3.84E-08	1.63E-07	9.73E-08	1.85E-08	1.16E-07
1815	625052.39	4265156.76	6.28E-07	2.00E-07	8.28E-07	5.25E-07	1.49E-07	6.75E-07	1.24E-07	3.82E-08	1.63E-07	9.69E-08	1.84E-08	1.15E-07
1816	625061.38	4265160.63	6.26E-07	1.99E-07	8.24E-07	5.23E-07	1.49E-07	6.72E-07	1.24E-07	3.81E-08	1.62E-07	9.65E-08	1.83E-08	1.15E-07
1817	625070.36	4265164.51	6.23E-07	1.98E-07	8.20E-07	5.20E-07	1.48E-07	6.68E-07	1.23E-07	3.79E-08	1.61E-07	9.61E-08	1.82E-08	1.14E-07
1818	625079.35	4265168.39	6.19E-07	1.97E-07	8.16E-07	5.17E-07	1.47E-07	6.65E-07	1.23E-07	3.77E-08	1.60E-07	9.55E-08	1.81E-08	1.14E-07
1819	625088.33	4265172.26	6.15E-07	1.95E-07	8.10E-07	5.14E-07	1.46E-07	6.60E-07	1.22E-07	3.74E-08	1.59E-07	9.49E-08	1.80E-08	1.13E-07
1820	625097.32	4265176.14	6.10E-07	1.94E-07	8.04E-07	5.10E-07	1.45E-07	6.55E-07	1.21E-07	3.71E-08	1.58E-07	9.42E-08	1.79E-08	1.12E-07
1821	625106.3	4265180.01	6.05E-07	1.92E-07	7.97E-07	5.06E-07	1.44E-07	6.50E-07	1.20E-07	3.68E-08	1.57E-07	9.34E-08	1.77E-08	1.11E-07
1822	625115.29	4265183.89	5.99E-07	1.90E-07	7.90E-07	5.01E-07	1.43E-07	6.44E-07	1.19E-07	3.65E-08	1.55E-07	9.25E-08	1.76E-08	1.10E-07
1823	625124.28	4265187.76	5.93E-07	1.88E-07	7.82E-07	4.96E-07	1.41E-07	6.37E-07	1.17E-07	3.61E-08	1.54E-07	9.16E-08	1.74E-08	1.09E-07
1824	625133.26	4265191.64	5.87E-07	1.86E-07	7.73E-07	4.91E-07	1.40E-07	6.30E-07	1.16E-07	3.57E-08	1.52E-07	9.06E-08	1.72E-08	1.08E-07
1825	625142.25	4265195.52	5.80E-07	1.84E-07	7.64E-07	4.85E-07	1.38E-07	6.23E-07	1.15E-07	3.53E-08	1.50E-07	8.95E-08	1.70E-08	1.07E-07
1826	625151.23	4265199.39	5.73E-07	1.82E-07	7.55E-07	4.79E-07	1.36E-07	6.15E-07	1.13E-07	3.49E-08	1.48E-07	8.84E-08	1.68E-08	1.05E-07
1827	625160.22	4265203.27	5.65E-07	1.80E-07	7.45E-07	4.73E-07	1.34E-07	6.07E-07	1.12E-07	3.44E-08	1.46E-07	8.72E-08	1.66E-08	1.04E-07
1828	625169.2	4265207.14	5.58E-07	1.77E-07	7.35E-07	4.66E-07	1.33E-07	5.99E-07	1.10E-07	3.39E-08	1.44E-07	8.61E-08	1.63E-08	1.02E-07
1829	625178.19	4265211.02	5.50E-07	1.75E-07	7.25E-07	4.60E-07	1.31E-07	5.90E-07	1.09E-07	3.35E-08	1.42E-07	8.48E-08	1.61E-08	1.01E-07
1830	625187.18	4265214.89	5.42E-07	1.72E-07	7.14E-07	4.53E-07	1.29E-07	5.82E-07	1.07E-07	3.30E-08	1.40E-07	8.36E-08	1.59E-08	9.95E-08
1831	625196.16	4265218.77	5.34E-07	1.70E-07	7.03E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.56E-08	9.80E-08
1832	625205.15	4265222.65	5.26E-07	1.67E-07	6.92E-07	4.39E-07	1.25E-07	5.64E-07	1.04E-07	3.20E-08	1.36E-07	8.11E-08	1.54E-08	9.65E-08
1833	625214.13	4265226.52	5.17E-07	1.64E-07	6.82E-07	4.32E-07	1.23E-07	5.55E-07	1.02E-07	3.15E-08	1.34E-07	7.98E-08	1.52E-08	9.50E-08
1834	625223.12	4265230.4	5.09E-07	1.62E-07	6.71E-07	4.26E-07	1.21E-07	5.47E-07	1.01E-07	3.10E-08	1.32E-07	7.86E-08	1.49E-08	9.35E-08
1835	625232.1	4265234.27	5.01E-07	1.59E-07	6.60E-07	4.19E-07	1.19E-07	5.38E-07	9.91E-08	3.05E-08	1.30E-07	7.73E-08	1.47E-08	9.20E-08
1836	625241.09	4265238.15	4.93E-07	1.56E-07	6.49E-07	4.12E-07	1.17E-07	5.29E-07	9.75E-08	3.00E-08	1.28E-07	7.60E-08	1.44E-08	9.05E-08
1837	625250.08	4265242.02	4.85E-07	1.54E-07	6.39E-07	4.05E-07	1.15E-07	5.20E-07	9.59E-08	2.95E-08	1.25E-07	7.48E-08	1.42E-08	8.90E-08
1838	625259.06	4265245.9	4.77E-07	1.51E-07	6.28E-07	3.98E-07	1.13E-07	5.12E-07	9.44E-08	2.90E-08	1.23E-07	7.36E-08	1.40E-08	8.75E-08
1839	625268.05	4265249.78	4.69E-07	1.49E-07	6.18E-07	3.92E-07	1.11E-07	5.03E-07	9.28E-08	2.85E-08	1.21E-07	7.24E-08	1.37E-08	8.61E-08
1840	625277.03	4265253.65	4.61E-07	1.46E-07	6.08E-07	3.86E-07	1.10E-07	4.95E-07	9.13E-08	2.81E-08	1.19E-07	7.12E-08	1.35E-08	8.47E-08
1841	625289.62	4265266.63	4.53E-07	1.44E-07	5.96E-07	3.78E-07	1.08E-07	4.86E-07	8.96E-08	2.75E-08	1.17E-07	6.98E-08	1.33E-08	8.31E-08
1842	625293.22	4265275.73	4.52E-07	1.43E-07	5.95E-07	3.78E-07	1.07E-07	4.85E-07	8.94E-08	2.75E-08	1.17E-07	6.97E-08	1.32E-08	8.29E-08
1843	625296.82	4265284.83	4.51E-07	1.43E-07	5.94E-07	3.77E-07	1.07E-07	4.84E-07	8.92E-08	2.74E-08	1.17E-07	6.95E-08	1.32E-08	8.28E-08
1844	625300.42	4265293.92	4.50E-07	1.43E-07	5.92E-07	3.76E-07	1.07E-07	4.83E-07	8.90E-08	2.74E-08	1.16E-07	6.94E-08	1.32E-08	8.26E-08
1845	625304.03	4265303.02	4.49E-07	1.42E-07	5.91E-07	3.75E-07	1.07E-07	4.82E-07	8.88E-08	2.73E-08	1.16E-07	6.92E-08	1.31E-08	8.24E-08
1846	625307.63	4265312.12	4.47E-07	1.42E-07	5.90E-07	3.74E-07	1.06E-07	4.80E-07	8.86E-08	2.72E-08	1.16E-07	6.90E-08	1.31E-08	8.22E-08

1847	625311.23	4265321.22	4.46E-07	1.42E-07	5.88E-07	3.73E-07	1.06E-07	4.79E-07	8.83E-08	2.72E-08	1.15E-07	6.89E-08	1.31E-08	8.19E-08
1848	625314.83	4265330.32	4.45E-07	1.41E-07	5.86E-07	3.72E-07	1.06E-07	4.78E-07	8.81E-08	2.71E-08	1.15E-07	6.87E-08	1.30E-08	8.17E-08
1849	625318.43	4265339.42	4.44E-07	1.41E-07	5.85E-07	3.71E-07	1.06E-07	4.76E-07	8.78E-08	2.70E-08	1.15E-07	6.85E-08	1.30E-08	8.15E-08
1850	625322.03	4265348.52	4.42E-07	1.40E-07	5.83E-07	3.70E-07	1.05E-07	4.75E-07	8.76E-08	2.69E-08	1.14E-07	6.83E-08	1.30E-08	8.12E-08
1851	625325.63	4265357.62	4.41E-07	1.40E-07	5.81E-07	3.69E-07	1.05E-07	4.73E-07	8.73E-08	2.68E-08	1.14E-07	6.80E-08	1.29E-08	8.10E-08
1852	625329.24	4265366.72	4.39E-07	1.40E-07	5.79E-07	3.67E-07	1.04E-07	4.72E-07	8.70E-08	2.67E-08	1.14E-07	6.78E-08	1.29E-08	8.07E-08
1853	625332.84	4265375.82	4.38E-07	1.39E-07	5.77E-07	3.66E-07	1.04E-07	4.70E-07	8.67E-08	2.66E-08	1.13E-07	6.76E-08	1.28E-08	8.04E-08
1854	625336.44	4265384.92	4.36E-07	1.39E-07	5.75E-07	3.65E-07	1.04E-07	4.68E-07	8.63E-08	2.65E-08	1.13E-07	6.73E-08	1.28E-08	8.01E-08
1855	625340.04	4265394.01	4.35E-07	1.38E-07	5.73E-07	3.63E-07	1.03E-07	4.67E-07	8.60E-08	2.64E-08	1.12E-07	6.70E-08	1.27E-08	7.98E-08
1856	625343.64	4265403.11	4.33E-07	1.37E-07	5.70E-07	3.62E-07	1.03E-07	4.65E-07	8.57E-08	2.63E-08	1.12E-07	6.68E-08	1.27E-08	7.95E-08
1857	625347.24	4265412.21	4.31E-07	1.37E-07	5.68E-07	3.60E-07	1.02E-07	4.63E-07	8.53E-08	2.62E-08	1.12E-07	6.65E-08	1.26E-08	7.91E-08
1858	625350.85	4265421.31	4.29E-07	1.36E-07	5.65E-07	3.59E-07	1.02E-07	4.61E-07	8.49E-08	2.61E-08	1.11E-07	6.62E-08	1.26E-08	7.88E-08
1859	625354.45	4265430.41	4.27E-07	1.36E-07	5.63E-07	3.57E-07	1.02E-07	4.59E-07	8.45E-08	2.60E-08	1.11E-07	6.59E-08	1.25E-08	7.84E-08
1860	625358.05	4265439.51	4.25E-07	1.35E-07	5.60E-07	3.55E-07	1.01E-07	4.56E-07	8.41E-08	2.59E-08	1.10E-07	6.56E-08	1.25E-08	7.80E-08
1861	625361.65	4265448.61	4.23E-07	1.34E-07	5.57E-07	3.53E-07	1.01E-07	4.54E-07	8.37E-08	2.57E-08	1.09E-07	6.53E-08	1.24E-08	7.77E-08
1862	625365.25	4265457.71	4.21E-07	1.34E-07	5.54E-07	3.52E-07	1.00E-07	4.52E-07	8.33E-08	2.56E-08	1.09E-07	6.49E-08	1.23E-08	7.73E-08
1863	625368.85	4265466.81	4.18E-07	1.33E-07	5.51E-07	3.50E-07	9.95E-08	4.49E-07	8.28E-08	2.55E-08	1.08E-07	6.46E-08	1.23E-08	7.68E-08
1864	625372.45	4265475.91	4.16E-07	1.32E-07	5.48E-07	3.48E-07	9.89E-08	4.47E-07	8.24E-08	2.53E-08	1.08E-07	6.42E-08	1.22E-08	7.64E-08
1865	625376.06	4265485.01	4.14E-07	1.31E-07	5.45E-07	3.46E-07	9.84E-08	4.44E-07	8.19E-08	2.52E-08	1.07E-07	6.38E-08	1.21E-08	7.59E-08
1866	625379.66	4265494.11	4.11E-07	1.31E-07	5.42E-07	3.44E-07	9.78E-08	4.41E-07	8.14E-08	2.50E-08	1.06E-07	6.34E-08	1.20E-08	7.55E-08
1867	625383.26	4265503.2	4.08E-07	1.30E-07	5.38E-07	3.41E-07	9.71E-08	4.39E-07	8.09E-08	2.49E-08	1.06E-07	6.30E-08	1.20E-08	7.50E-08
1868	625386.86	4265512.3	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.65E-08	4.36E-07	8.03E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.45E-08
1869	625390.46	4265521.4	4.03E-07	1.28E-07	5.31E-07	3.37E-07	9.58E-08	4.33E-07	7.98E-08	2.45E-08	1.04E-07	6.22E-08	1.18E-08	7.40E-08
1870	625394.06	4265530.5	4.00E-07	1.27E-07	5.27E-07	3.34E-07	9.51E-08	4.29E-07	7.92E-08	2.43E-08	1.04E-07	6.17E-08	1.17E-08	7.34E-08
1871	625397.66	4265539.6	3.97E-07	1.26E-07	5.23E-07	3.32E-07	9.44E-08	4.26E-07	7.86E-08	2.42E-08	1.03E-07	6.12E-08	1.16E-08	7.29E-08
1872	625401.27	4265548.7	3.94E-07	1.25E-07	5.19E-07	3.29E-07	9.36E-08	4.23E-07	7.80E-08	2.40E-08	1.02E-07	6.08E-08	1.15E-08	7.23E-08
1873	625404.87	4265557.8	3.91E-07	1.24E-07	5.15E-07	3.26E-07	9.29E-08	4.19E-07	7.73E-08	2.38E-08	1.01E-07	6.03E-08	1.14E-08	7.17E-08
1874	625408.47	4265566.9	3.87E-07	1.23E-07	5.10E-07	3.24E-07	9.21E-08	4.16E-07	7.67E-08	2.36E-08	1.00E-07	5.98E-08	1.14E-08	7.11E-08
1875	625412.07	4265576	3.84E-07	1.22E-07	5.06E-07	3.21E-07	9.13E-08	4.12E-07	7.60E-08	2.34E-08	9.93E-08	5.92E-08	1.13E-08	7.05E-08
1876	625415.67	4265585.1	3.80E-07	1.21E-07	5.01E-07	3.18E-07	9.04E-08	4.08E-07	7.53E-08	2.31E-08	9.84E-08	5.87E-08	1.11E-08	6.98E-08
1877	625419.27	4265594.2	3.77E-07	1.20E-07	4.96E-07	3.15E-07	8.95E-08	4.04E-07	7.45E-08	2.29E-08	9.75E-08	5.81E-08	1.10E-08	6.92E-08
1878	625422.88	4265603.29	3.73E-07	1.18E-07	4.91E-07	3.12E-07	8.86E-08	4.00E-07	7.38E-08	2.27E-08	9.65E-08	5.75E-08	1.09E-08	6.85E-08
1879	625426.48	4265612.39	3.69E-07	1.17E-07	4.86E-07	3.08E-07	8.77E-08	3.96E-07	7.30E-08	2.24E-08	9.55E-08	5.69E-08	1.08E-08	6.77E-08
1880	625430.08	4265621.49	3.65E-07	1.16E-07	4.81E-07	3.05E-07	8.67E-08	3.92E-07	7.22E-08	2.22E-08	9.44E-08	5.63E-08	1.07E-08	6.70E-08
1881	625433.68	4265630.59	3.61E-07	1.15E-07	4.75E-07	3.01E-07	8.58E-08	3.87E-07	7.14E-08	2.19E-08	9.33E-08	5.57E-08	1.06E-08	6.62E-08
1882	625437.28	4265639.69	3.56E-07	1.13E-07	4.70E-07	2.98E-07	8.47E-08	3.83E-07	7.05E-08	2.17E-08	9.22E-08	5.50E-08	1.04E-08	6.54E-08
1883	625440.88	4265648.79	3.52E-07	1.12E-07	4.64E-07	2.94E-07	8.37E-08	3.78E-07	6.97E-08	2.14E-08	9.11E-08	5.43E-08	1.03E-08	6.47E-08
1884	625444.48	4265657.89	3.48E-07	1.10E-07	4.58E-07	2.91E-07	8.27E-08	3.73E-07	6.88E-08	2.12E-08	9.00E-08	5.37E-08	1.02E-08	6.38E-08
1885	625448.09	4265666.99	3.43E-07	1.09E-07	4.52E-07	2.87E-07	8.16E-08	3.69E-07	6.79E-08	2.09E-08	8.88E-08	5.30E-08	1.01E-08	6.30E-08
1886	625451.69	4265676.09	3.39E-07	1.08E-07	4.46E-07	2.83E-07	8.06E-08	3.64E-07	6.71E-08	2.06E-08	8.77E-08	5.23E-08	9.93E-09	6.22E-08
1887	624863.69	4265075.37	5.76E-07	1.83E-07	7.60E-07	4.82E-07	1.37E-07	6.19E-07	1.14E-07	3.51E-08	1.49E-07	8.90E-08	1.69E-08	1.06E-07
1888	624853.78	4265075.23	5.75E-07	1.83E-07	7.57E-07	4.81E-07	1.37E-07	6.17E-07	1.14E-07	3.50E-08	1.49E-07	8.87E-08	1.69E-08	1.06E-07
1889	624843.87	4265075.09	5.73E-07	1.82E-07	7.55E-07	4.79E-07	1.36E-07	6.15E-07	1.13E-07	3.49E-08	1.48E-07	8.84E-08	1.68E-08	1.05E-07
1890	624833.96	4265074.96	5.71E-07	1.81E-07	7.52E-07	4.77E-07	1.36E-07	6.13E-07	1.13E-07	3.47E-08	1.48E-07	8.81E-08	1.67E-08	1.05E-07
1891	624824.05	4265074.82	5.69E-07	1.81E-07	7.50E-07	4.76E-07	1.35E-07	6.11E-07	1.13E-07	3.46E-08	1.47E-07	8.78E-08	1.67E-08	1.04E-07
1892	624814.15	4265074.68	5.67E-07	1.80E-07	7.46E-07	4.74E-07	1.35E-07	6.08E-07	1.12E-07	3.45E-08	1.47E-07	8.74E-08	1.66E-08	1.04E-07
1893	624804.24	4265074.54	5.64E-07	1.79E-07	7.43E-07	4.71E-07	1.34E-07	6.05E-07	1.12E-07	3.43E-08	1.46E-07	8.70E-08	1.65E-08	1.04E-07
1894	624794.33	4265074.41	5.61E-07	1.78E-07	7.39E-07	4.69E-07	1.33E-07	6.02E-07	1.11E-07	3.41E-08	1.45E-07	8.66E-08	1.64E-08	1.03E-07
1895	624784.42	4265074.27	5.58E-07	1.77E-07	7.35E-07	4.66E-07	1.33E-07	5.99E-07	1.10E-07	3.39E-08	1.44E-07	8.61E-08	1.64E-08	1.02E-07
1896	624774.51	4265074.13	5.55E-07	1.76E-07	7.31E-07	4.63E-07	1.32E-07	5.95E-07	1.10E-07	3.37E-08	1.43E-07	8.56E-08	1.63E-08	1.02E-07
1897	624764.6	4265073.99	5.51E-07	1.75E-07	7.26E-07	4.60E-07	1.31E-07	5.91E-07	1.09E-07	3.35E-08	1.43E-07	8.50E-08	1.61E-08	1.01E-07
1898	624754.69	4265073.86	5.47E-07	1.74E-07	7.21E-07	4.57E-07	1.30E-07	5.87E-07	1.08E-07	3.33E-08	1.42E-07	8.44E-08	1.60E-08	1.00E-07
1899	624744.78	4265073.72	5.43E-07	1.72E-07	7.15E-07	4.54E-07	1.29E-07	5.83E-07	1.07E-07	3.30E-08	1.40E-07	8.37E-08	1.59E-08	9.96E-08
1900	624734.87	4265073.58	5.38E-07	1.71E-07	7.09E-07	4.50E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.30E-08	1.58E-08	9.88E-08
1901	624724.97	4265073.44	5.33E-07	1.69E-07	7.02E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.78E-08
1902	624715.06	4265073.31	5.28E-07	1.68E-07	6.95E-07	4.41E-07	1.25E-07	5.66E-07	1.04E-07	3.21E-08	1.37E-07	8.14E-08	1.55E-08	9.69E-08
1903	624705.15	4265073.17	5.22E-07	1.66E-07	6.88E-07	4.36E-07	1.24E-07	5.61E-07	1.03E-07	3.18E-08	1.35E-07	8.06E-08	1.53E-08	9.59E-08
1904	624695.24	4265073.03	5.17E-07	1.64E-07	6.81E-07	4.32E-07	1.23E-07	5.55E-07	1.02E-07	3.14E-08	1.34E-07	7.97E-08	1.51E-08	9.49E-08
1905	624685.33	4265072.89	5.11E-07	1.62E-07	6.73E-07	4.27E-07	1.21E-07	5.48E-07	1.01E-07	3.11E-08	1.32E-07	7.88E-08	1.50E-08	9.38E-08
1906	624675.42	4265072.76	5.05E-07	1.60E-07	6.65E-07	4.22E-07	1.20E-07	5.42E-07	1.00E-07	3.07E-08	1.31E-07	7.79E-08	1.48E-08	9.27E-08
1907	624665.51	4265072.62	4.99E-07	1.58E-07	6.58E-07	4.17E-07	1.19E-07	5.36E-07	9.88E-08	3.04E-08	1.29E-07	7.70E-08	1.46E-08	9.16E-08
1908	624655.6	4265072.48	4.93E-07	1.57E-07	6.50E-07	4.12E-07	1.17E-07	5.29E-07	9.76E-08	3.00E-08	1.28E-07	7.61E-08	1.44E-08	9.05E-08
1909	624645.7	4265072.34	4.87E-07	1.55E-07	6.42E-07	4.07E-07	1.16E-07	5.23E-07	9.64E-08	2.96E-08	1.26E-07	7.51E-08	1.43E-08	8.94E-08
1910	624635.79	4265072.21	4.81E-07	1.53E-07	6.34E-07	4.02E-07	1.14E-07	5.16E-07	9.52E-08	2.93E-08	1.24E-07	7.42E-08	1.41E-08	8.83E-08
1911	624625.88	4265072.07	4.75E-07	1.51E-07	6.26E-07	3.97E-07	1.13E-07	5.10E-07	9.41E-08	2.89E-08	1.23E-07	7.33E-08	1.39E-08	8.73E-08
1912	624615.97	4265071.93	4.70E-07	1.49E-07	6.19E-07	3.92E-07	1.12E-07	5.04E-07	9.29E-08	2.86E-08	1.22E-07	7.25E-08	1.38E-08	8.62E-08
1913	624606.06	4265071.8	4.64E-07	1.47E-07	6.11E-07	3.88E-07	1.10E-07	4.98E-07	9.19E-08	2.82E-08	1.20E-07	7.16E-08	1.36E-08	8.52E-08
1914	624596.15	4265071.66	4.59E-07	1.46E-07	6.05E-07	3.84E-07	1.09E-07	4.93E-07	9.08E-08	2.79E-08	1.19E-07	7.08E-08	1.34E-08	8.42E-08
1915	624586.24	4265071.52	4.54E-07	1.44E-07	5.98E-07	3.79E-07	1.08E-07	4.87E-07	8.98E-08	2.76E-08	1.17E-07	7.00E-08	1.33E-08	8.33E-08
1916	624576.33	4265071.38	4.49E-07	1.43E-07	5.91E-07	3.75E-07	1.07E-07	4.82E-07	8.88E-08	2.73E-08	1.16E-07	6.93E-08	1.32E-08	8.24E-08
1917	624566.43	4265071.25	4.44E-07	1.41E-07	5.85E-07	3.71E-07	1.06E-07	4.77E-07	8.79E-08	2.70E-08	1.15E-07	6.85E-08	1.30E-08	8.16E-08
1918	624556.52	4265071.11	4.40E-07	1.40E-07	5.79E-07	3.68E-07	1.05E-07	4.72E-07	8.70E-08	2.68E-08	1.14E-07	6.78E-08	1.29E-08	8.07E-08
1919	624546.61	4265070.97	4.35E-07	1.38E-07	5.74E-07	3.64E-07	1.04E-07	4.67E-07	8.62E-08	2.65E-08	1.13E-07	6.72E-08	1.28E-08	7.99E-08
1920	624536.7	4265070.83	4.31E-07	1.37E-07	5.68E-07	3.60E-07	1.03E-07	4.63E-07	8.53E-08	2.62E-08	1.12E-07	6.65E-08	1.26E-08	7.92E-08

1921	624526.79	4265070.7	4.27E-07	1.36E-07	5.63E-07	3.57E-07	1.02E-07	4.59E-07	8.46E-08	2.60E-08	1.11E-07	6.59E-08	1.25E-08	7.84E-08
1922	624516.88	4265070.56	4.23E-07	1.34E-07	5.58E-07	3.54E-07	1.01E-07	4.54E-07	8.38E-08	2.58E-08	1.10E-07	6.53E-08	1.24E-08	7.77E-08
1923	624506.97	4265070.42	4.19E-07	1.33E-07	5.53E-07	3.51E-07	9.97E-08	4.50E-07	8.30E-08	2.55E-08	1.09E-07	6.47E-08	1.23E-08	7.70E-08
1924	624497.06	4265070.28	4.16E-07	1.32E-07	5.48E-07	3.47E-07	9.88E-08	4.46E-07	8.23E-08	2.53E-08	1.08E-07	6.41E-08	1.22E-08	7.63E-08
1925	624487.15	4265070.15	4.12E-07	1.31E-07	5.42E-07	3.44E-07	9.79E-08	4.42E-07	8.15E-08	2.51E-08	1.07E-07	6.35E-08	1.21E-08	7.56E-08
1926	624477.25	4265070.01	4.08E-07	1.30E-07	5.37E-07	3.41E-07	9.70E-08	4.38E-07	8.07E-08	2.48E-08	1.06E-07	6.29E-08	1.20E-08	7.49E-08
1927	624467.34	4265069.87	4.04E-07	1.28E-07	5.32E-07	3.37E-07	9.60E-08	4.33E-07	7.99E-08	2.46E-08	1.04E-07	6.23E-08	1.18E-08	7.41E-08
1928	624457.43	4265069.73	4.00E-07	1.27E-07	5.27E-07	3.34E-07	9.50E-08	4.29E-07	7.91E-08	2.43E-08	1.03E-07	6.17E-08	1.17E-08	7.34E-08
1929	624447.52	4265069.6	3.96E-07	1.26E-07	5.21E-07	3.31E-07	9.41E-08	4.25E-07	7.83E-08	2.41E-08	1.02E-07	6.11E-08	1.16E-08	7.27E-08
1930	624437.61	4265069.46	3.92E-07	1.24E-07	5.16E-07	3.27E-07	9.31E-08	4.20E-07	7.75E-08	2.38E-08	1.01E-07	6.04E-08	1.15E-08	7.19E-08
1931	624427.7	4265069.32	3.87E-07	1.23E-07	5.10E-07	3.24E-07	9.21E-08	4.16E-07	7.67E-08	2.36E-08	1.00E-07	5.98E-08	1.14E-08	7.11E-08
1932	624417.79	4265069.18	3.83E-07	1.22E-07	5.05E-07	3.20E-07	9.11E-08	4.11E-07	7.59E-08	2.33E-08	9.92E-08	5.91E-08	1.12E-08	7.04E-08
1933	624407.88	4265069.05	3.79E-07	1.20E-07	4.99E-07	3.17E-07	9.01E-08	4.07E-07	7.50E-08	2.31E-08	9.81E-08	5.85E-08	1.11E-08	6.96E-08
1934	624397.98	4265068.91	3.75E-07	1.19E-07	4.94E-07	3.13E-07	8.91E-08	4.02E-07	7.42E-08	2.28E-08	9.70E-08	5.78E-08	1.10E-08	6.88E-08
1935	624388.07	4265068.77	3.71E-07	1.18E-07	4.88E-07	3.10E-07	8.81E-08	3.98E-07	7.33E-08	2.25E-08	9.59E-08	5.72E-08	1.09E-08	6.80E-08
1936	624378.16	4265068.64	3.66E-07	1.16E-07	4.83E-07	3.06E-07	8.71E-08	3.93E-07	7.25E-08	2.23E-08	9.48E-08	5.65E-08	1.07E-08	6.73E-08
1937	624368.25	4265068.5	3.62E-07	1.15E-07	4.77E-07	3.03E-07	8.61E-08	3.89E-07	7.17E-08	2.20E-08	9.37E-08	5.59E-08	1.06E-08	6.65E-08
1938	624873.35	4265029.24	5.23E-07	1.66E-07	6.90E-07	4.38E-07	1.24E-07	5.62E-07	1.04E-07	3.18E-08	1.35E-07	8.08E-08	1.53E-08	9.61E-08
1939	624882.32	4265033.11	5.29E-07	1.68E-07	6.97E-07	4.42E-07	1.26E-07	5.68E-07	1.05E-07	3.22E-08	1.37E-07	8.16E-08	1.55E-08	9.71E-08
1940	624891.3	4265036.98	5.34E-07	1.70E-07	7.03E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.56E-08	9.80E-08
1941	624900.27	4265040.85	5.39E-07	1.71E-07	7.10E-07	4.50E-07	1.28E-07	5.79E-07	1.07E-07	3.28E-08	1.39E-07	8.32E-08	1.58E-08	9.90E-08
1942	624909.24	4265044.72	5.44E-07	1.73E-07	7.16E-07	4.54E-07	1.29E-07	5.84E-07	1.08E-07	3.31E-08	1.41E-07	8.39E-08	1.59E-08	9.98E-08
1943	624918.21	4265048.59	5.48E-07	1.74E-07	7.22E-07	4.58E-07	1.30E-07	5.89E-07	1.09E-07	3.34E-08	1.42E-07	8.46E-08	1.61E-08	1.01E-07
1944	624927.18	4265052.46	5.53E-07	1.76E-07	7.28E-07	4.62E-07	1.31E-07	5.93E-07	1.09E-07	3.36E-08	1.43E-07	8.53E-08	1.62E-08	1.01E-07
1945	624936.15	4265056.33	5.57E-07	1.77E-07	7.34E-07	4.66E-07	1.32E-07	5.98E-07	1.10E-07	3.39E-08	1.44E-07	8.59E-08	1.63E-08	1.02E-07
1946	624945.12	4265060.2	5.61E-07	1.78E-07	7.39E-07	4.69E-07	1.33E-07	6.02E-07	1.11E-07	3.41E-08	1.45E-07	8.66E-08	1.64E-08	1.03E-07
1947	624954.09	4265064.07	5.65E-07	1.79E-07	7.44E-07	4.72E-07	1.34E-07	6.06E-07	1.12E-07	3.44E-08	1.46E-07	8.71E-08	1.65E-08	1.04E-07
1948	624963.06	4265067.94	5.68E-07	1.80E-07	7.48E-07	4.75E-07	1.35E-07	6.10E-07	1.12E-07	3.46E-08	1.47E-07	8.76E-08	1.66E-08	1.04E-07
1949	624972.03	4265071.81	5.71E-07	1.81E-07	7.52E-07	4.77E-07	1.36E-07	6.13E-07	1.13E-07	3.47E-08	1.48E-07	8.81E-08	1.67E-08	1.05E-07
1950	624981.01	4265075.67	5.74E-07	1.82E-07	7.56E-07	4.80E-07	1.36E-07	6.16E-07	1.14E-07	3.49E-08	1.48E-07	8.85E-08	1.68E-08	1.05E-07
1951	624989.98	4265079.54	5.76E-07	1.83E-07	7.59E-07	4.82E-07	1.37E-07	6.19E-07	1.14E-07	3.51E-08	1.49E-07	8.89E-08	1.69E-08	1.06E-07
1952	624998.95	4265083.41	5.78E-07	1.84E-07	7.62E-07	4.83E-07	1.37E-07	6.21E-07	1.14E-07	3.52E-08	1.50E-07	8.92E-08	1.69E-08	1.06E-07
1953	625007.92	4265087.28	5.80E-07	1.84E-07	7.64E-07	4.85E-07	1.38E-07	6.22E-07	1.15E-07	3.53E-08	1.50E-07	8.95E-08	1.70E-08	1.06E-07
1954	625016.89	4265091.15	5.81E-07	1.84E-07	7.65E-07	4.85E-07	1.38E-07	6.24E-07	1.15E-07	3.53E-08	1.50E-07	8.96E-08	1.70E-08	1.07E-07
1955	625025.86	4265095.02	5.82E-07	1.85E-07	7.66E-07	4.86E-07	1.38E-07	6.24E-07	1.15E-07	3.54E-08	1.50E-07	8.97E-08	1.70E-08	1.07E-07
1956	625034.83	4265098.89	5.82E-07	1.85E-07	7.66E-07	4.86E-07	1.38E-07	6.25E-07	1.15E-07	3.54E-08	1.51E-07	8.98E-08	1.70E-08	1.07E-07
1957	625043.8	4265102.76	5.81E-07	1.85E-07	7.66E-07	4.86E-07	1.38E-07	6.24E-07	1.15E-07	3.54E-08	1.50E-07	8.97E-08	1.70E-08	1.07E-07
1958	625052.77	4265106.63	5.81E-07	1.84E-07	7.65E-07	4.86E-07	1.38E-07	6.24E-07	1.15E-07	3.53E-08	1.50E-07	8.96E-08	1.70E-08	1.07E-07
1959	625061.75	4265110.5	5.80E-07	1.84E-07	7.64E-07	4.85E-07	1.38E-07	6.22E-07	1.15E-07	3.53E-08	1.50E-07	8.94E-08	1.70E-08	1.06E-07
1960	625070.72	4265114.37	5.78E-07	1.84E-07	7.62E-07	4.83E-07	1.37E-07	6.21E-07	1.14E-07	3.52E-08	1.50E-07	8.92E-08	1.69E-08	1.06E-07
1961	625079.69	4265118.24	5.76E-07	1.83E-07	7.59E-07	4.81E-07	1.37E-07	6.18E-07	1.14E-07	3.50E-08	1.49E-07	8.89E-08	1.69E-08	1.06E-07
1962	625088.66	4265122.11	5.73E-07	1.82E-07	7.55E-07	4.79E-07	1.36E-07	6.15E-07	1.13E-07	3.49E-08	1.48E-07	8.85E-08	1.68E-08	1.05E-07
1963	625097.63	4265125.98	5.70E-07	1.81E-07	7.51E-07	4.77E-07	1.36E-07	6.12E-07	1.13E-07	3.47E-08	1.48E-07	8.80E-08	1.67E-08	1.05E-07
1964	625106.6	4265129.85	5.67E-07	1.80E-07	7.47E-07	4.74E-07	1.35E-07	6.08E-07	1.12E-07	3.45E-08	1.47E-07	8.74E-08	1.66E-08	1.04E-07
1965	625115.57	4265133.72	5.63E-07	1.79E-07	7.41E-07	4.70E-07	1.34E-07	6.04E-07	1.11E-07	3.42E-08	1.46E-07	8.68E-08	1.65E-08	1.03E-07
1966	625124.54	4265137.59	5.58E-07	1.77E-07	7.35E-07	4.67E-07	1.33E-07	5.99E-07	1.10E-07	3.40E-08	1.44E-07	8.61E-08	1.64E-08	1.02E-07
1967	625133.51	4265141.46	5.53E-07	1.76E-07	7.29E-07	4.63E-07	1.32E-07	5.94E-07	1.10E-07	3.37E-08	1.43E-07	8.54E-08	1.62E-08	1.02E-07
1968	625142.48	4265145.32	5.48E-07	1.74E-07	7.22E-07	4.58E-07	1.30E-07	5.89E-07	1.09E-07	3.34E-08	1.42E-07	8.46E-08	1.61E-08	1.01E-07
1969	625151.46	4265149.19	5.43E-07	1.72E-07	7.15E-07	4.54E-07	1.29E-07	5.83E-07	1.07E-07	3.30E-08	1.40E-07	8.37E-08	1.59E-08	9.96E-08
1970	625160.43	4265153.06	5.37E-07	1.70E-07	7.07E-07	4.49E-07	1.28E-07	5.76E-07	1.06E-07	3.27E-08	1.39E-07	8.28E-08	1.57E-08	9.86E-08
1971	625169.4	4265156.93	5.31E-07	1.69E-07	6.99E-07	4.44E-07	1.26E-07	5.70E-07	1.05E-07	3.23E-08	1.37E-07	8.19E-08	1.56E-08	9.74E-08
1972	625178.37	4265160.8	5.24E-07	1.67E-07	6.91E-07	4.38E-07	1.25E-07	5.63E-07	1.04E-07	3.19E-08	1.36E-07	8.09E-08	1.54E-08	9.63E-08
1973	625187.34	4265164.67	5.18E-07	1.64E-07	6.82E-07	4.33E-07	1.23E-07	5.56E-07	1.02E-07	3.15E-08	1.34E-07	7.99E-08	1.52E-08	9.51E-08
1974	625196.31	4265168.54	5.11E-07	1.62E-07	6.73E-07	4.27E-07	1.21E-07	5.48E-07	1.01E-07	3.11E-08	1.32E-07	7.88E-08	1.50E-08	9.38E-08
1975	625205.28	4265172.41	5.04E-07	1.60E-07	6.64E-07	4.21E-07	1.20E-07	5.41E-07	9.97E-08	3.07E-08	1.30E-07	7.78E-08	1.48E-08	9.25E-08
1976	625214.25	4265176.28	4.97E-07	1.58E-07	6.55E-07	4.15E-07	1.18E-07	5.33E-07	9.83E-08	3.02E-08	1.29E-07	7.67E-08	1.46E-08	9.12E-08
1977	625223.22	4265180.15	4.90E-07	1.55E-07	6.45E-07	4.09E-07	1.16E-07	5.26E-07	9.69E-08	2.98E-08	1.27E-07	7.55E-08	1.43E-08	8.99E-08
1978	625232.2	4265184.02	4.82E-07	1.53E-07	6.36E-07	4.03E-07	1.15E-07	5.18E-07	9.55E-08	2.94E-08	1.25E-07	7.44E-08	1.41E-08	8.86E-08
1979	625241.17	4265187.89	4.75E-07	1.51E-07	6.26E-07	3.97E-07	1.13E-07	5.10E-07	9.40E-08	2.89E-08	1.23E-07	7.33E-08	1.39E-08	8.72E-08
1980	625250.14	4265191.76	4.68E-07	1.49E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
1981	625259.11	4265195.63	4.61E-07	1.46E-07	6.07E-07	3.85E-07	1.10E-07	4.95E-07	9.12E-08	2.80E-08	1.19E-07	7.11E-08	1.35E-08	8.46E-08
1982	625268.08	4265199.5	4.54E-07	1.44E-07	5.98E-07	3.79E-07	1.08E-07	4.87E-07	8.98E-08	2.76E-08	1.17E-07	7.00E-08	1.33E-08	8.33E-08
1983	625277.05	4265203.37	4.47E-07	1.42E-07	5.88E-07	3.73E-07	1.06E-07	4.79E-07	8.84E-08	2.72E-08	1.16E-07	6.89E-08	1.31E-08	8.20E-08
1984	625286.02	4265207.24	4.40E-07	1.40E-07	5.79E-07	3.67E-07	1.05E-07	4.72E-07	8.70E-08	2.67E-08	1.14E-07	6.78E-08	1.29E-08	8.07E-08
1985	625294.99	4265211.1	4.33E-07	1.37E-07	5.70E-07	3.62E-07	1.03E-07	4.65E-07	8.56E-08	2.63E-08	1.12E-07	6.68E-08	1.27E-08	7.94E-08
1986	625303.96	4265214.97	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.82E-08
1987	625312.93	4265218.84	4.19E-07	1.33E-07	5.52E-07	3.50E-07	9.97E-08	4.50E-07	8.30E-08	2.55E-08	1.09E-07	6.47E-08	1.23E-08	7.70E-08
1988	625325.5	4265231.8	4.12E-07	1.31E-07	5.43E-07	3.44E-07	9.80E-08	4.42E-07	8.16E-08	2.51E-08	1.07E-07	6.36E-08	1.21E-08	7.57E-08
1989	625329.1	4265240.88	4.11E-07	1.31E-07	5.42E-07	3.44E-07	9.78E-08	4.42E-07	8.14E-08	2.50E-08	1.06E-07	6.35E-08	1.21E-08	7.55E-08
1990	625332.69	4265249.97	4.10E-07	1.30E-07	5.41E-07	3.43E-07	9.76E-08	4.41E-07	8.12E-08	2.50E-08	1.06E-07	6.33E-08	1.20E-08	7.54E-08
1991	625336.29	4265259.05	4.10E-07	1.30E-07	5.40E-07	3.42E-07	9.74E-08	4.40E-07	8.11E-08	2.49E-08	1.06E-07	6.32E-08	1.20E-08	7.52E-08
1992	625339.88	4265268.13	4.09E-07	1.30E-07	5.39E-07	3.42E-07	9.72E-08	4.39E-07	8.09E-08	2.49E-08	1.06E-07	6.31E-08	1.20E-08	7.50E-08
1993	625343.48	4265277.22	4.08E-07	1.30E-07	5.37E-07	3.41E-07	9.70E-08	4.38E-07	8.07E-08	2.48E-08	1.06E-07	6.29E-08	1.20E-08	7.49E-08
1994	625347.08	4265286.3	4.07E-07	1.29E-07	5.36E-07	3.40E-07	9.67E-08	4.37E-07	8.05E-08	2.48E-08	1.05E-07	6.28E-08	1.19E-08	7.47E-08

1995	625350.67	4265295.39	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.65E-08	4.36E-07	8.03E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.45E-08
1996	625354.27	4265304.47	4.05E-07	1.29E-07	5.33E-07	3.38E-07	9.63E-08	4.35E-07	8.01E-08	2.46E-08	1.05E-07	6.25E-08	1.19E-08	7.43E-08
1997	625357.86	4265313.56	4.04E-07	1.28E-07	5.32E-07	3.37E-07	9.60E-08	4.33E-07	7.99E-08	2.46E-08	1.04E-07	6.23E-08	1.18E-08	7.41E-08
1998	625361.46	4265322.64	4.03E-07	1.28E-07	5.31E-07	3.37E-07	9.57E-08	4.32E-07	7.97E-08	2.45E-08	1.04E-07	6.21E-08	1.18E-08	7.39E-08
1999	625365.05	4265331.72	4.01E-07	1.28E-07	5.29E-07	3.36E-07	9.55E-08	4.31E-07	7.95E-08	2.44E-08	1.04E-07	6.19E-08	1.18E-08	7.37E-08
2000	625368.65	4265340.81	4.00E-07	1.27E-07	5.27E-07	3.35E-07	9.52E-08	4.30E-07	7.92E-08	2.44E-08	1.04E-07	6.18E-08	1.17E-08	7.35E-08
2001	625372.24	4265349.89	3.99E-07	1.27E-07	5.26E-07	3.33E-07	9.49E-08	4.28E-07	7.90E-08	2.43E-08	1.03E-07	6.16E-08	1.17E-08	7.33E-08
2002	625375.84	4265358.98	3.98E-07	1.26E-07	5.24E-07	3.32E-07	9.46E-08	4.27E-07	7.87E-08	2.42E-08	1.03E-07	6.14E-08	1.17E-08	7.30E-08
2003	625379.44	4265368.06	3.96E-07	1.26E-07	5.22E-07	3.31E-07	9.42E-08	4.25E-07	7.84E-08	2.41E-08	1.03E-07	6.11E-08	1.16E-08	7.28E-08
2004	625383.03	4265377.15	3.95E-07	1.25E-07	5.20E-07	3.30E-07	9.39E-08	4.24E-07	7.82E-08	2.40E-08	1.02E-07	6.09E-08	1.16E-08	7.25E-08
2005	625386.63	4265386.23	3.93E-07	1.25E-07	5.18E-07	3.29E-07	9.35E-08	4.22E-07	7.79E-08	2.39E-08	1.02E-07	6.07E-08	1.15E-08	7.22E-08
2006	625390.22	4265395.31	3.92E-07	1.24E-07	5.16E-07	3.27E-07	9.32E-08	4.21E-07	7.75E-08	2.38E-08	1.01E-07	6.05E-08	1.15E-08	7.19E-08
2007	625393.82	4265404.4	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.28E-08	4.19E-07	7.72E-08	2.37E-08	1.01E-07	6.02E-08	1.14E-08	7.16E-08
2008	625397.41	4265413.48	3.88E-07	1.23E-07	5.12E-07	3.25E-07	9.24E-08	4.17E-07	7.69E-08	2.36E-08	1.01E-07	5.99E-08	1.14E-08	7.13E-08
2009	625401.01	4265422.57	3.87E-07	1.23E-07	5.09E-07	3.23E-07	9.19E-08	4.15E-07	7.65E-08	2.35E-08	1.00E-07	5.97E-08	1.13E-08	7.10E-08
2010	625404.6	4265431.65	3.85E-07	1.22E-07	5.07E-07	3.22E-07	9.15E-08	4.13E-07	7.62E-08	2.34E-08	9.96E-08	5.94E-08	1.13E-08	7.07E-08
2011	625408.2	4265440.74	3.83E-07	1.22E-07	5.05E-07	3.20E-07	9.11E-08	4.11E-07	7.58E-08	2.33E-08	9.91E-08	5.91E-08	1.12E-08	7.03E-08
2012	625411.8	4265449.82	3.81E-07	1.21E-07	5.02E-07	3.18E-07	9.06E-08	4.09E-07	7.54E-08	2.32E-08	9.86E-08	5.88E-08	1.12E-08	6.99E-08
2013	625415.39	4265458.9	3.79E-07	1.20E-07	4.99E-07	3.17E-07	9.01E-08	4.07E-07	7.50E-08	2.31E-08	9.80E-08	5.85E-08	1.11E-08	6.96E-08
2014	625418.99	4265467.99	3.77E-07	1.20E-07	4.96E-07	3.15E-07	8.96E-08	4.04E-07	7.46E-08	2.29E-08	9.75E-08	5.81E-08	1.10E-08	6.92E-08
2015	625422.58	4265477.07	3.75E-07	1.19E-07	4.93E-07	3.13E-07	8.91E-08	4.02E-07	7.41E-08	2.28E-08	9.69E-08	5.78E-08	1.10E-08	6.88E-08
2016	625426.18	4265486.16	3.72E-07	1.18E-07	4.90E-07	3.11E-07	8.85E-08	4.00E-07	7.37E-08	2.26E-08	9.63E-08	5.74E-08	1.09E-08	6.83E-08
2017	625429.77	4265495.24	3.70E-07	1.17E-07	4.87E-07	3.09E-07	8.79E-08	3.97E-07	7.32E-08	2.25E-08	9.57E-08	5.71E-08	1.08E-08	6.79E-08
2018	625433.37	4265504.32	3.67E-07	1.17E-07	4.84E-07	3.07E-07	8.73E-08	3.94E-07	7.27E-08	2.24E-08	9.51E-08	5.67E-08	1.08E-08	6.75E-08
2019	625436.97	4265513.41	3.65E-07	1.16E-07	4.81E-07	3.05E-07	8.67E-08	3.92E-07	7.22E-08	2.22E-08	9.44E-08	5.63E-08	1.07E-08	6.70E-08
2020	625440.56	4265522.49	3.62E-07	1.15E-07	4.77E-07	3.03E-07	8.61E-08	3.89E-07	7.17E-08	2.20E-08	9.37E-08	5.59E-08	1.06E-08	6.65E-08
2021	625444.16	4265531.58	3.60E-07	1.14E-07	4.74E-07	3.00E-07	8.55E-08	3.86E-07	7.12E-08	2.19E-08	9.30E-08	5.55E-08	1.05E-08	6.60E-08
2022	625447.75	4265540.66	3.57E-07	1.13E-07	4.70E-07	2.98E-07	8.48E-08	3.83E-07	7.06E-08	2.17E-08	9.23E-08	5.50E-08	1.05E-08	6.55E-08
2023	625451.35	4265549.75	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.41E-08	3.80E-07	7.00E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
2024	625454.94	4265558.83	3.51E-07	1.11E-07	4.62E-07	2.93E-07	8.34E-08	3.77E-07	6.95E-08	2.14E-08	9.08E-08	5.41E-08	1.03E-08	6.44E-08
2025	625458.54	4265567.91	3.48E-07	1.10E-07	4.58E-07	2.91E-07	8.27E-08	3.73E-07	6.89E-08	2.12E-08	9.00E-08	5.37E-08	1.02E-08	6.39E-08
2026	625462.13	4265577	3.45E-07	1.09E-07	4.54E-07	2.88E-07	8.20E-08	3.70E-07	6.82E-08	2.10E-08	8.92E-08	5.32E-08	1.01E-08	6.33E-08
2027	625465.73	4265586.08	3.41E-07	1.08E-07	4.50E-07	2.85E-07	8.12E-08	3.67E-07	6.76E-08	2.08E-08	8.84E-08	5.27E-08	1.00E-08	6.27E-08
2028	625469.33	4265595.17	3.38E-07	1.07E-07	4.45E-07	2.83E-07	8.04E-08	3.63E-07	6.69E-08	2.06E-08	8.75E-08	5.22E-08	9.91E-09	6.21E-08
2029	625472.92	4265604.25	3.35E-07	1.06E-07	4.41E-07	2.80E-07	7.95E-08	3.59E-07	6.62E-08	2.04E-08	8.66E-08	5.16E-08	9.80E-09	6.14E-08
2030	625476.52	4265613.34	3.31E-07	1.05E-07	4.36E-07	2.77E-07	7.87E-08	3.55E-07	6.55E-08	2.01E-08	8.56E-08	5.11E-08	9.70E-09	6.08E-08
2031	625480.11	4265622.42	3.27E-07	1.04E-07	4.31E-07	2.74E-07	7.78E-08	3.51E-07	6.48E-08	1.99E-08	8.47E-08	5.05E-08	9.59E-09	6.01E-08
2032	625483.71	4265631.5	3.24E-07	1.03E-07	4.26E-07	2.70E-07	7.69E-08	3.47E-07	6.40E-08	1.97E-08	8.37E-08	4.99E-08	9.48E-09	5.94E-08
2033	625487.3	4265640.59	3.20E-07	1.02E-07	4.21E-07	2.67E-07	7.60E-08	3.43E-07	6.33E-08	1.95E-08	8.27E-08	4.93E-08	9.37E-09	5.87E-08
2034	625490.9	4265649.67	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.51E-08	3.39E-07	6.25E-08	1.92E-08	8.17E-08	4.87E-08	9.26E-09	5.80E-08
2035	625494.5	4265658.76	3.12E-07	9.91E-08	4.11E-07	2.61E-07	7.42E-08	3.35E-07	6.17E-08	1.90E-08	8.07E-08	4.81E-08	9.14E-09	5.73E-08
2036	625498.09	4265667.84	3.08E-07	9.79E-08	4.06E-07	2.58E-07	7.33E-08	3.31E-07	6.10E-08	1.88E-08	7.98E-08	4.76E-08	9.03E-09	5.66E-08
2037	625501.69	4265676.93	3.04E-07	9.66E-08	4.01E-07	2.54E-07	7.24E-08	3.27E-07	6.02E-08	1.85E-08	7.88E-08	4.70E-08	8.92E-09	5.59E-08
2038	624864.38	4265025.37	5.18E-07	1.64E-07	6.82E-07	4.33E-07	1.23E-07	5.56E-07	1.03E-07	3.15E-08	1.34E-07	7.99E-08	1.52E-08	9.51E-08
2039	624854.47	4265025.24	5.16E-07	1.64E-07	6.80E-07	4.31E-07	1.23E-07	5.54E-07	1.02E-07	3.14E-08	1.34E-07	7.96E-08	1.51E-08	9.48E-08
2040	624844.56	4265025.1	5.14E-07	1.63E-07	6.77E-07	4.30E-07	1.22E-07	5.52E-07	1.02E-07	3.13E-08	1.33E-07	7.93E-08	1.51E-08	9.44E-08
2041	624834.66	4265024.96	5.12E-07	1.63E-07	6.74E-07	4.28E-07	1.22E-07	5.50E-07	1.01E-07	3.11E-08	1.32E-07	7.90E-08	1.50E-08	9.40E-08
2042	624824.75	4265024.82	5.10E-07	1.62E-07	6.71E-07	4.26E-07	1.21E-07	5.47E-07	1.01E-07	3.10E-08	1.32E-07	7.86E-08	1.49E-08	9.36E-08
2043	624814.84	4265024.69	5.07E-07	1.61E-07	6.68E-07	4.24E-07	1.21E-07	5.45E-07	1.00E-07	3.09E-08	1.31E-07	7.83E-08	1.49E-08	9.31E-08
2044	624804.93	4265024.55	5.05E-07	1.60E-07	6.65E-07	4.22E-07	1.20E-07	5.42E-07	9.99E-08	3.07E-08	1.31E-07	7.79E-08	1.48E-08	9.27E-08
2045	624795.02	4265024.41	5.02E-07	1.59E-07	6.61E-07	4.20E-07	1.19E-07	5.39E-07	9.94E-08	3.05E-08	1.30E-07	7.75E-08	1.47E-08	9.22E-08
2046	624785.11	4265024.27	4.99E-07	1.59E-07	6.58E-07	4.17E-07	1.19E-07	5.36E-07	9.88E-08	3.04E-08	1.29E-07	7.70E-08	1.46E-08	9.16E-08
2047	624775.2	4265024.14	4.96E-07	1.58E-07	6.54E-07	4.15E-07	1.18E-07	5.33E-07	9.82E-08	3.02E-08	1.28E-07	7.66E-08	1.45E-08	9.11E-08
2048	624765.29	4265024	4.93E-07	1.57E-07	6.49E-07	4.12E-07	1.17E-07	5.29E-07	9.76E-08	3.00E-08	1.28E-07	7.61E-08	1.44E-08	9.05E-08
2049	624755.39	4265023.86	4.90E-07	1.55E-07	6.45E-07	4.09E-07	1.16E-07	5.26E-07	9.69E-08	2.98E-08	1.27E-07	7.55E-08	1.43E-08	8.99E-08
2050	624745.48	4265023.72	4.86E-07	1.54E-07	6.40E-07	4.06E-07	1.16E-07	5.22E-07	9.62E-08	2.96E-08	1.26E-07	7.50E-08	1.42E-08	8.92E-08
2051	624735.57	4265023.59	4.82E-07	1.53E-07	6.35E-07	4.03E-07	1.15E-07	5.17E-07	9.54E-08	2.93E-08	1.25E-07	7.44E-08	1.41E-08	8.85E-08
2052	624725.66	4265023.45	4.78E-07	1.52E-07	6.30E-07	3.99E-07	1.14E-07	5.13E-07	9.46E-08	2.91E-08	1.24E-07	7.37E-08	1.40E-08	8.77E-08
2053	624715.75	4265023.31	4.73E-07	1.50E-07	6.24E-07	3.96E-07	1.13E-07	5.08E-07	9.37E-08	2.88E-08	1.23E-07	7.31E-08	1.39E-08	8.69E-08
2054	624705.84	4265023.17	4.69E-07	1.49E-07	6.18E-07	3.92E-07	1.12E-07	5.04E-07	9.28E-08	2.85E-08	1.21E-07	7.24E-08	1.37E-08	8.61E-08
2055	624695.93	4265023.04	4.65E-07	1.48E-07	6.12E-07	3.88E-07	1.10E-07	4.99E-07	9.20E-08	2.83E-08	1.20E-07	7.17E-08	1.36E-08	8.53E-08
2056	624686.02	4265022.9	4.60E-07	1.46E-07	6.06E-07	3.84E-07	1.09E-07	4.94E-07	9.10E-08	2.80E-08	1.19E-07	7.10E-08	1.35E-08	8.44E-08
2057	624676.12	4265022.76	4.55E-07	1.45E-07	6.00E-07	3.80E-07	1.08E-07	4.89E-07	9.01E-08	2.77E-08	1.18E-07	7.02E-08	1.33E-08	8.36E-08
2058	624666.21	4265022.62	4.50E-07	1.43E-07	5.93E-07	3.76E-07	1.07E-07	4.83E-07	8.91E-08	2.74E-08	1.16E-07	6.95E-08	1.32E-08	8.27E-08
2059	624656.3	4265022.49	4.45E-07	1.41E-07	5.87E-07	3.72E-07	1.06E-07	4.78E-07	8.81E-08	2.71E-08	1.15E-07	6.87E-08	1.30E-08	8.17E-08
2060	624646.39	4265022.35	4.40E-07	1.40E-07	5.80E-07	3.68E-07	1.05E-07	4.73E-07	8.71E-08	2.68E-08	1.14E-07	6.79E-08	1.29E-08	8.08E-08
2061	624636.48	4265022.21	4.35E-07	1.38E-07	5.73E-07	3.64E-07	1.03E-07	4.67E-07	8.62E-08	2.65E-08	1.13E-07	6.72E-08	1.28E-08	7.99E-08
2062	624626.57	4265022.07	4.30E-07	1.37E-07	5.67E-07	3.60E-07	1.02E-07	4.62E-07	8.52E-08	2.62E-08	1.11E-07	6.64E-08	1.26E-08	7.90E-08
2063	624616.66	4265021.94	4.25E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.42E-08	2.59E-08	1.10E-07	6.56E-08	1.25E-08	7.81E-08
2064	624606.75	4265021.8	4.21E-07	1.34E-07	5.54E-07	3.51E-07	1.00E-07	4.51E-07	8.32E-08	2.56E-08	1.09E-07	6.49E-08	1.23E-08	7.72E-08
2065	624596.84	4265021.66	4.16E-07	1.32E-07	5.48E-07	3.48E-07	9.89E-08	4.46E-07	8.23E-08	2.53E-08	1.08E-07	6.42E-08	1.22E-08	7.63E-08
2066	624586.94	4265021.53	4.11E-07	1.31E-07	5.42E-07	3.44E-07	9.78E-08	4.42E-07	8.14E-08	2.50E-08	1.06E-07	6.35E-08	1.21E-08	7.55E-08
2067	624577.03	4265021.39	4.07E-07	1.29E-07	5.37E-07	3.40E-07	9.68E-08	4.37E-07	8.06E-08	2.48E-08	1.05E-07	6.28E-08	1.19E-08	7.48E-08
2068	624567.12	4265021.25	4.03E-07	1.28E-07	5.31E-07	3.37E-07	9.59E-08	4.33E-07	7.98E-08	2.45E-08	1.04E-07	6.22E-08	1.18E-08	7.40E-08

2069	624557.21	4265021.11	3.99E-07	1.27E-07	5.26E-07	3.34E-07	9.50E-08	4.29E-07	7.91E-08	2.43E-08	1.03E-07	6.16E-08	1.17E-08	7.33E-08
2070	624547.3	4265020.98	3.96E-07	1.26E-07	5.21E-07	3.31E-07	9.41E-08	4.25E-07	7.83E-08	2.41E-08	1.02E-07	6.11E-08	1.16E-08	7.27E-08
2071	624537.39	4265020.84	3.92E-07	1.25E-07	5.17E-07	3.28E-07	9.33E-08	4.21E-07	7.76E-08	2.39E-08	1.01E-07	6.05E-08	1.15E-08	7.20E-08
2072	624527.48	4265020.7	3.89E-07	1.23E-07	5.12E-07	3.25E-07	9.24E-08	4.17E-07	7.70E-08	2.37E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
2073	624517.57	4265020.56	3.85E-07	1.22E-07	5.08E-07	3.22E-07	9.16E-08	4.14E-07	7.63E-08	2.34E-08	9.97E-08	5.95E-08	1.13E-08	7.08E-08
2074	624507.67	4265020.43	3.82E-07	1.21E-07	5.03E-07	3.19E-07	9.08E-08	4.10E-07	7.56E-08	2.32E-08	9.89E-08	5.89E-08	1.12E-08	7.01E-08
2075	624497.76	4265020.29	3.79E-07	1.20E-07	4.99E-07	3.16E-07	9.00E-08	4.07E-07	7.49E-08	2.30E-08	9.80E-08	5.84E-08	1.11E-08	6.95E-08
2076	624487.85	4265020.15	3.75E-07	1.19E-07	4.94E-07	3.14E-07	8.92E-08	4.03E-07	7.43E-08	2.28E-08	9.71E-08	5.79E-08	1.10E-08	6.89E-08
2077	624477.94	4265020.01	3.72E-07	1.18E-07	4.90E-07	3.11E-07	8.84E-08	3.99E-07	7.36E-08	2.26E-08	9.62E-08	5.74E-08	1.09E-08	6.83E-08
2078	624468.03	4265019.88	3.68E-07	1.17E-07	4.85E-07	3.08E-07	8.76E-08	3.96E-07	7.29E-08	2.24E-08	9.53E-08	5.69E-08	1.08E-08	6.77E-08
2079	624458.12	4265019.74	3.65E-07	1.16E-07	4.81E-07	3.05E-07	8.68E-08	3.92E-07	7.22E-08	2.22E-08	9.44E-08	5.63E-08	1.07E-08	6.70E-08
2080	624448.21	4265019.6	3.61E-07	1.15E-07	4.76E-07	3.02E-07	8.59E-08	3.88E-07	7.15E-08	2.20E-08	9.35E-08	5.58E-08	1.06E-08	6.64E-08
2081	624438.3	4265019.46	3.58E-07	1.14E-07	4.71E-07	2.99E-07	8.51E-08	3.84E-07	7.08E-08	2.18E-08	9.26E-08	5.52E-08	1.05E-08	6.57E-08
2082	624428.4	4265019.33	3.54E-07	1.13E-07	4.67E-07	2.96E-07	8.42E-08	3.80E-07	7.01E-08	2.16E-08	9.17E-08	5.47E-08	1.04E-08	6.50E-08
2083	624418.49	4265019.19	3.51E-07	1.11E-07	4.62E-07	2.93E-07	8.34E-08	3.76E-07	6.94E-08	2.13E-08	9.07E-08	5.41E-08	1.03E-08	6.44E-08
2084	624408.58	4265019.05	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.25E-08	3.73E-07	6.87E-08	2.11E-08	8.98E-08	5.35E-08	1.02E-08	6.37E-08
2085	624398.67	4265018.91	3.43E-07	1.09E-07	4.52E-07	2.87E-07	8.16E-08	3.69E-07	6.80E-08	2.09E-08	8.88E-08	5.30E-08	1.01E-08	6.30E-08
2086	624388.76	4265018.78	3.40E-07	1.08E-07	4.47E-07	2.84E-07	8.08E-08	3.65E-07	6.72E-08	2.07E-08	8.79E-08	5.24E-08	9.95E-09	6.24E-08
2087	624378.85	4265018.64	3.36E-07	1.07E-07	4.43E-07	2.81E-07	7.99E-08	3.61E-07	6.65E-08	2.04E-08	8.69E-08	5.18E-08	9.85E-09	6.17E-08
2088	624368.94	4265018.5	3.32E-07	1.06E-07	4.38E-07	2.78E-07	7.90E-08	3.57E-07	6.58E-08	2.02E-08	8.60E-08	5.13E-08	9.74E-09	6.10E-08
2089	624874.03	4264979.24	4.72E-07	1.50E-07	6.22E-07	3.95E-07	1.12E-07	5.07E-07	9.35E-08	2.87E-08	1.22E-07	7.29E-08	1.38E-08	8.67E-08
2090	624882.99	4264983.11	4.77E-07	1.52E-07	6.29E-07	3.99E-07	1.14E-07	5.13E-07	9.45E-08	2.90E-08	1.24E-07	7.37E-08	1.40E-08	8.77E-08
2091	624891.95	4264986.97	4.82E-07	1.53E-07	6.35E-07	4.03E-07	1.15E-07	5.18E-07	9.55E-08	2.93E-08	1.25E-07	7.44E-08	1.41E-08	8.86E-08
2092	624900.91	4264990.83	4.87E-07	1.55E-07	6.42E-07	4.07E-07	1.16E-07	5.23E-07	9.64E-08	2.96E-08	1.26E-07	7.52E-08	1.43E-08	8.94E-08
2093	624909.87	4264994.7	4.92E-07	1.56E-07	6.48E-07	4.11E-07	1.17E-07	5.28E-07	9.74E-08	2.99E-08	1.27E-07	7.59E-08	1.44E-08	9.03E-08
2094	624918.83	4264998.56	4.96E-07	1.58E-07	6.54E-07	4.15E-07	1.18E-07	5.33E-07	9.83E-08	3.02E-08	1.28E-07	7.66E-08	1.45E-08	9.11E-08
2095	624927.79	4265002.43	5.01E-07	1.59E-07	6.60E-07	4.19E-07	1.19E-07	5.38E-07	9.91E-08	3.05E-08	1.30E-07	7.73E-08	1.47E-08	9.20E-08
2096	624936.74	4265006.29	5.05E-07	1.60E-07	6.66E-07	4.22E-07	1.20E-07	5.42E-07	1.00E-07	3.07E-08	1.31E-07	7.80E-08	1.48E-08	9.28E-08
2097	624945.7	4265010.15	5.09E-07	1.62E-07	6.71E-07	4.26E-07	1.21E-07	5.47E-07	1.01E-07	3.10E-08	1.32E-07	7.86E-08	1.49E-08	9.35E-08
2098	624954.66	4265014.02	5.13E-07	1.63E-07	6.76E-07	4.29E-07	1.22E-07	5.51E-07	1.02E-07	3.12E-08	1.33E-07	7.92E-08	1.50E-08	9.43E-08
2099	624963.62	4265017.88	5.17E-07	1.64E-07	6.81E-07	4.32E-07	1.23E-07	5.55E-07	1.02E-07	3.15E-08	1.34E-07	7.98E-08	1.52E-08	9.49E-08
2100	624972.58	4265021.75	5.20E-07	1.65E-07	6.86E-07	4.35E-07	1.24E-07	5.59E-07	1.03E-07	3.17E-08	1.35E-07	8.03E-08	1.53E-08	9.56E-08
2101	624981.54	4265025.61	5.24E-07	1.66E-07	6.90E-07	4.38E-07	1.25E-07	5.62E-07	1.04E-07	3.19E-08	1.36E-07	8.08E-08	1.53E-08	9.61E-08
2102	624990.49	4265029.47	5.27E-07	1.67E-07	6.94E-07	4.40E-07	1.25E-07	5.65E-07	1.04E-07	3.20E-08	1.36E-07	8.12E-08	1.54E-08	9.67E-08
2103	624999.45	4265033.34	5.29E-07	1.68E-07	6.97E-07	4.42E-07	1.26E-07	5.68E-07	1.05E-07	3.22E-08	1.37E-07	8.16E-08	1.55E-08	9.72E-08
2104	625008.41	4265037.2	5.31E-07	1.69E-07	7.00E-07	4.44E-07	1.26E-07	5.70E-07	1.05E-07	3.23E-08	1.38E-07	8.20E-08	1.56E-08	9.76E-08
2105	625017.37	4265041.07	5.33E-07	1.69E-07	7.03E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.24E-08	1.38E-07	8.23E-08	1.56E-08	9.79E-08
2106	625026.33	4265044.93	5.35E-07	1.70E-07	7.05E-07	4.47E-07	1.27E-07	5.74E-07	1.06E-07	3.25E-08	1.38E-07	8.25E-08	1.57E-08	9.82E-08
2107	625035.29	4265048.79	5.36E-07	1.70E-07	7.06E-07	4.48E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.39E-07	8.27E-08	1.57E-08	9.84E-08
2108	625044.25	4265052.66	5.37E-07	1.70E-07	7.07E-07	4.49E-07	1.28E-07	5.76E-07	1.06E-07	3.27E-08	1.39E-07	8.28E-08	1.57E-08	9.85E-08
2109	625053.2	4265056.52	5.37E-07	1.71E-07	7.08E-07	4.49E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.29E-08	1.57E-08	9.86E-08
2110	625062.16	4265060.39	5.37E-07	1.71E-07	7.08E-07	4.49E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.29E-08	1.57E-08	9.86E-08
2111	625071.12	4265064.25	5.37E-07	1.70E-07	7.07E-07	4.48E-07	1.28E-07	5.76E-07	1.06E-07	3.26E-08	1.39E-07	8.28E-08	1.57E-08	9.85E-08
2112	625080.08	4265068.11	5.36E-07	1.70E-07	7.06E-07	4.48E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.39E-07	8.26E-08	1.57E-08	9.83E-08
2113	625089.04	4265071.98	5.34E-07	1.70E-07	7.04E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.57E-08	9.81E-08
2114	625098	4265075.84	5.32E-07	1.69E-07	7.01E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.21E-08	1.56E-08	9.77E-08
2115	625106.96	4265079.71	5.30E-07	1.68E-07	6.98E-07	4.43E-07	1.26E-07	5.69E-07	1.05E-07	3.23E-08	1.37E-07	8.18E-08	1.55E-08	9.73E-08
2116	625115.91	4265083.57	5.27E-07	1.68E-07	6.95E-07	4.41E-07	1.25E-07	5.66E-07	1.04E-07	3.21E-08	1.36E-07	8.14E-08	1.55E-08	9.68E-08
2117	625124.87	4265087.43	5.24E-07	1.67E-07	6.91E-07	4.38E-07	1.25E-07	5.63E-07	1.04E-07	3.19E-08	1.36E-07	8.09E-08	1.54E-08	9.63E-08
2118	625133.83	4265091.3	5.21E-07	1.65E-07	6.86E-07	4.35E-07	1.24E-07	5.59E-07	1.03E-07	3.17E-08	1.35E-07	8.04E-08	1.53E-08	9.57E-08
2119	625142.79	4265095.16	5.17E-07	1.64E-07	6.81E-07	4.32E-07	1.23E-07	5.55E-07	1.02E-07	3.15E-08	1.34E-07	7.98E-08	1.52E-08	9.50E-08
2120	625151.75	4265099.03	5.13E-07	1.63E-07	6.76E-07	4.29E-07	1.22E-07	5.51E-07	1.02E-07	3.12E-08	1.33E-07	7.92E-08	1.50E-08	9.42E-08
2121	625160.71	4265102.89	5.09E-07	1.62E-07	6.70E-07	4.25E-07	1.21E-07	5.46E-07	1.01E-07	3.09E-08	1.32E-07	7.85E-08	1.49E-08	9.34E-08
2122	625169.66	4265106.75	5.04E-07	1.60E-07	6.64E-07	4.21E-07	1.20E-07	5.41E-07	9.97E-08	3.07E-08	1.30E-07	7.77E-08	1.48E-08	9.25E-08
2123	625178.62	4265110.62	4.99E-07	1.58E-07	6.57E-07	4.17E-07	1.19E-07	5.35E-07	9.87E-08	3.03E-08	1.29E-07	7.70E-08	1.46E-08	9.16E-08
2124	625187.58	4265114.48	4.93E-07	1.57E-07	6.50E-07	4.12E-07	1.17E-07	5.30E-07	9.77E-08	3.00E-08	1.28E-07	7.61E-08	1.45E-08	9.06E-08
2125	625196.54	4265118.35	4.88E-07	1.55E-07	6.43E-07	4.08E-07	1.16E-07	5.24E-07	9.66E-08	2.97E-08	1.26E-07	7.53E-08	1.43E-08	8.96E-08
2126	625205.5	4265122.21	4.82E-07	1.53E-07	6.35E-07	4.03E-07	1.15E-07	5.18E-07	9.54E-08	2.93E-08	1.25E-07	7.44E-08	1.41E-08	8.85E-08
2127	625214.46	4265126.07	4.76E-07	1.51E-07	6.27E-07	3.98E-07	1.13E-07	5.11E-07	9.43E-08	2.90E-08	1.23E-07	7.35E-08	1.40E-08	8.74E-08
2128	625223.42	4265129.94	4.70E-07	1.49E-07	6.19E-07	3.93E-07	1.12E-07	5.05E-07	9.30E-08	2.86E-08	1.22E-07	7.25E-08	1.38E-08	8.63E-08
2129	625232.37	4265133.8	4.64E-07	1.47E-07	6.11E-07	3.88E-07	1.10E-07	4.98E-07	9.18E-08	2.82E-08	1.20E-07	7.16E-08	1.36E-08	8.52E-08
2130	625241.33	4265137.67	4.58E-07	1.45E-07	6.03E-07	3.82E-07	1.09E-07	4.91E-07	9.06E-08	2.78E-08	1.18E-07	7.06E-08	1.34E-08	8.40E-08
2131	625250.29	4265141.53	4.51E-07	1.43E-07	5.94E-07	3.77E-07	1.07E-07	4.84E-07	8.93E-08	2.75E-08	1.17E-07	6.96E-08	1.32E-08	8.28E-08
2132	625259.25	4265145.39	4.45E-07	1.41E-07	5.86E-07	3.72E-07	1.06E-07	4.77E-07	8.80E-08	2.71E-08	1.15E-07	6.86E-08	1.30E-08	8.17E-08
2133	625268.21	4265149.26	4.38E-07	1.39E-07	5.78E-07	3.66E-07	1.04E-07	4.71E-07	8.68E-08	2.67E-08	1.13E-07	6.76E-08	1.28E-08	8.05E-08
2134	625277.17	4265153.12	4.32E-07	1.37E-07	5.69E-07	3.61E-07	1.03E-07	4.64E-07	8.55E-08	2.63E-08	1.12E-07	6.66E-08	1.27E-08	7.93E-08
2135	625286.13	4265156.99	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.42E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.81E-08
2136	625295.08	4265160.85	4.19E-07	1.33E-07	5.52E-07	3.50E-07	9.97E-08	4.50E-07	8.30E-08	2.55E-08	1.08E-07	6.47E-08	1.23E-08	7.70E-08
2137	625304.04	4265164.71	4.13E-07	1.31E-07	5.44E-07	3.45E-07	9.82E-08	4.43E-07	8.17E-08	2.51E-08	1.07E-07	6.37E-08	1.21E-08	7.58E-08
2138	625313	4265168.58	4.07E-07	1.29E-07	5.36E-07	3.40E-07	9.67E-08	4.37E-07	8.05E-08	2.48E-08	1.05E-07	6.28E-08	1.19E-08	7.47E-08
2139	625321.96	4265172.44	4.01E-07	1.27E-07	5.28E-07	3.35E-07	9.53E-08	4.30E-07	7.93E-08	2.44E-08	1.04E-07	6.18E-08	1.17E-08	7.36E-08
2140	625330.92	4265176.31	3.95E-07	1.25E-07	5.20E-07	3.30E-07	9.39E-08	4.24E-07	7.81E-08	2.40E-08	1.02E-07	6.09E-08	1.16E-08	7.25E-08
2141	625339.88	4265180.17	3.89E-07	1.24E-07	5.13E-07	3.25E-07	9.25E-08	4.18E-07	7.70E-08	2.37E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
2142	625348.83	4265184.03	3.83E-07	1.22E-07	5.05E-07	3.20E-07	9.11E-08	4.12E-07	7.59E-08	2.33E-08	9.92E-08	5.91E-08	1.12E-08	7.04E-08

2143	625361.38	4265196.97	3.77E-07	1.20E-07	4.97E-07	3.15E-07	8.97E-08	4.05E-07	7.46E-08	2.29E-08	9.76E-08	5.82E-08	1.11E-08	6.92E-08
2144	625364.97	4265206.04	3.76E-07	1.20E-07	4.96E-07	3.15E-07	8.95E-08	4.04E-07	7.45E-08	2.29E-08	9.74E-08	5.81E-08	1.10E-08	6.91E-08
2145	625368.57	4265215.11	3.76E-07	1.19E-07	4.95E-07	3.14E-07	8.94E-08	4.03E-07	7.44E-08	2.29E-08	9.72E-08	5.80E-08	1.10E-08	6.90E-08
2146	625372.16	4265224.18	3.75E-07	1.19E-07	4.94E-07	3.14E-07	8.92E-08	4.03E-07	7.43E-08	2.28E-08	9.71E-08	5.79E-08	1.10E-08	6.89E-08
2147	625375.75	4265233.26	3.74E-07	1.19E-07	4.93E-07	3.13E-07	8.90E-08	4.02E-07	7.41E-08	2.28E-08	9.69E-08	5.78E-08	1.10E-08	6.88E-08
2148	625379.34	4265242.33	3.74E-07	1.19E-07	4.92E-07	3.12E-07	8.89E-08	4.01E-07	7.40E-08	2.27E-08	9.67E-08	5.77E-08	1.10E-08	6.86E-08
2149	625382.93	4265251.4	3.73E-07	1.18E-07	4.91E-07	3.12E-07	8.87E-08	4.00E-07	7.38E-08	2.27E-08	9.65E-08	5.76E-08	1.09E-08	6.85E-08
2150	625386.52	4265260.47	3.72E-07	1.18E-07	4.90E-07	3.11E-07	8.85E-08	4.00E-07	7.37E-08	2.27E-08	9.63E-08	5.74E-08	1.09E-08	6.84E-08
2151	625390.11	4265269.54	3.71E-07	1.18E-07	4.89E-07	3.10E-07	8.83E-08	3.99E-07	7.35E-08	2.26E-08	9.61E-08	5.73E-08	1.09E-08	6.82E-08
2152	625393.7	4265278.61	3.71E-07	1.18E-07	4.88E-07	3.10E-07	8.81E-08	3.98E-07	7.34E-08	2.26E-08	9.59E-08	5.72E-08	1.09E-08	6.81E-08
2153	625397.29	4265287.68	3.70E-07	1.17E-07	4.87E-07	3.09E-07	8.79E-08	3.97E-07	7.32E-08	2.25E-08	9.57E-08	5.71E-08	1.08E-08	6.79E-08
2154	625400.88	4265296.76	3.69E-07	1.17E-07	4.86E-07	3.08E-07	8.77E-08	3.96E-07	7.30E-08	2.24E-08	9.55E-08	5.69E-08	1.08E-08	6.77E-08
2155	625404.47	4265305.83	3.68E-07	1.17E-07	4.85E-07	3.08E-07	8.75E-08	3.95E-07	7.28E-08	2.24E-08	9.52E-08	5.68E-08	1.08E-08	6.76E-08
2156	625408.06	4265314.9	3.67E-07	1.17E-07	4.83E-07	3.07E-07	8.72E-08	3.94E-07	7.26E-08	2.23E-08	9.50E-08	5.66E-08	1.08E-08	6.74E-08
2157	625411.65	4265323.97	3.66E-07	1.16E-07	4.82E-07	3.06E-07	8.70E-08	3.93E-07	7.24E-08	2.23E-08	9.47E-08	5.65E-08	1.07E-08	6.72E-08
2158	625415.24	4265333.04	3.65E-07	1.16E-07	4.81E-07	3.05E-07	8.67E-08	3.92E-07	7.22E-08	2.22E-08	9.44E-08	5.63E-08	1.07E-08	6.70E-08
2159	625418.83	4265342.11	3.64E-07	1.15E-07	4.79E-07	3.04E-07	8.65E-08	3.90E-07	7.20E-08	2.21E-08	9.41E-08	5.61E-08	1.07E-08	6.68E-08
2160	625422.42	4265351.19	3.62E-07	1.15E-07	4.78E-07	3.03E-07	8.62E-08	3.89E-07	7.17E-08	2.21E-08	9.38E-08	5.59E-08	1.06E-08	6.66E-08
2161	625426.01	4265360.26	3.61E-07	1.15E-07	4.76E-07	3.02E-07	8.59E-08	3.88E-07	7.15E-08	2.20E-08	9.35E-08	5.57E-08	1.06E-08	6.63E-08
2162	625429.6	4265369.33	3.60E-07	1.14E-07	4.74E-07	3.01E-07	8.56E-08	3.86E-07	7.12E-08	2.19E-08	9.31E-08	5.55E-08	1.05E-08	6.61E-08
2163	625433.2	4265378.4	3.59E-07	1.14E-07	4.72E-07	3.00E-07	8.52E-08	3.85E-07	7.10E-08	2.18E-08	9.28E-08	5.53E-08	1.05E-08	6.58E-08
2164	625436.79	4265387.47	3.57E-07	1.13E-07	4.70E-07	2.98E-07	8.49E-08	3.83E-07	7.07E-08	2.17E-08	9.24E-08	5.51E-08	1.05E-08	6.56E-08
2165	625440.38	4265396.54	3.55E-07	1.13E-07	4.68E-07	2.97E-07	8.45E-08	3.82E-07	7.03E-08	2.16E-08	9.20E-08	5.48E-08	1.04E-08	6.53E-08
2166	625443.97	4265405.61	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.41E-08	3.80E-07	7.00E-08	2.15E-08	9.15E-08	5.46E-08	1.04E-08	6.50E-08
2167	625447.56	4265414.69	3.52E-07	1.12E-07	4.64E-07	2.94E-07	8.37E-08	3.78E-07	6.97E-08	2.14E-08	9.11E-08	5.43E-08	1.03E-08	6.46E-08
2168	625451.15	4265423.76	3.50E-07	1.11E-07	4.61E-07	2.93E-07	8.33E-08	3.76E-07	6.93E-08	2.13E-08	9.06E-08	5.40E-08	1.03E-08	6.43E-08
2169	625454.74	4265432.83	3.48E-07	1.11E-07	4.59E-07	2.91E-07	8.28E-08	3.74E-07	6.90E-08	2.12E-08	9.01E-08	5.38E-08	1.02E-08	6.40E-08
2170	625458.33	4265441.9	3.46E-07	1.10E-07	4.56E-07	2.90E-07	8.24E-08	3.72E-07	6.86E-08	2.11E-08	8.96E-08	5.34E-08	1.02E-08	6.36E-08
2171	625461.92	4265450.97	3.45E-07	1.09E-07	4.54E-07	2.88E-07	8.19E-08	3.70E-07	6.82E-08	2.10E-08	8.92E-08	5.32E-08	1.01E-08	6.33E-08
2172	625465.51	4265460.04	3.43E-07	1.09E-07	4.52E-07	2.86E-07	8.15E-08	3.68E-07	6.78E-08	2.09E-08	8.87E-08	5.29E-08	1.00E-08	6.29E-08
2173	625469.1	4265469.12	3.41E-07	1.08E-07	4.49E-07	2.85E-07	8.10E-08	3.66E-07	6.75E-08	2.07E-08	8.82E-08	5.26E-08	9.99E-09	6.26E-08
2174	625472.69	4265478.19	3.39E-07	1.08E-07	4.46E-07	2.83E-07	8.06E-08	3.64E-07	6.71E-08	2.06E-08	8.77E-08	5.23E-08	9.93E-09	6.22E-08
2175	625476.28	4265487.26	3.37E-07	1.07E-07	4.43E-07	2.81E-07	8.00E-08	3.61E-07	6.66E-08	2.05E-08	8.71E-08	5.19E-08	9.86E-09	6.18E-08
2176	625479.87	4265496.33	3.34E-07	1.06E-07	4.40E-07	2.79E-07	7.95E-08	3.59E-07	6.61E-08	2.03E-08	8.65E-08	5.16E-08	9.79E-09	6.14E-08
2177	625483.46	4265505.4	3.32E-07	1.05E-07	4.37E-07	2.77E-07	7.89E-08	3.56E-07	6.57E-08	2.02E-08	8.59E-08	5.12E-08	9.73E-09	6.09E-08
2178	625487.05	4265514.47	3.29E-07	1.05E-07	4.34E-07	2.75E-07	7.83E-08	3.54E-07	6.52E-08	2.00E-08	8.52E-08	5.08E-08	9.65E-09	6.05E-08
2179	625490.64	4265523.55	3.27E-07	1.04E-07	4.31E-07	2.73E-07	7.77E-08	3.51E-07	6.47E-08	1.99E-08	8.46E-08	5.04E-08	9.58E-09	6.00E-08
2180	625494.24	4265532.62	3.24E-07	1.03E-07	4.27E-07	2.71E-07	7.71E-08	3.48E-07	6.42E-08	1.97E-08	8.39E-08	5.00E-08	9.50E-09	5.95E-08
2181	625497.83	4265541.69	3.22E-07	1.02E-07	4.24E-07	2.69E-07	7.65E-08	3.45E-07	6.37E-08	1.96E-08	8.32E-08	4.96E-08	9.43E-09	5.90E-08
2182	625501.42	4265550.76	3.19E-07	1.01E-07	4.20E-07	2.67E-07	7.58E-08	3.42E-07	6.31E-08	1.94E-08	8.25E-08	4.92E-08	9.35E-09	5.85E-08
2183	625505.01	4265559.83	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.51E-08	3.39E-07	6.26E-08	1.92E-08	8.18E-08	4.88E-08	9.26E-09	5.80E-08
2184	625508.6	4265568.9	3.13E-07	9.95E-08	4.13E-07	2.62E-07	7.45E-08	3.36E-07	6.20E-08	1.91E-08	8.10E-08	4.83E-08	9.18E-09	5.75E-08
2185	625512.19	4265577.97	3.10E-07	9.85E-08	4.09E-07	2.59E-07	7.38E-08	3.33E-07	6.14E-08	1.89E-08	8.03E-08	4.79E-08	9.09E-09	5.70E-08
2186	625515.78	4265587.05	3.07E-07	9.76E-08	4.05E-07	2.57E-07	7.30E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.00E-09	5.64E-08
2187	625519.37	4265596.12	3.04E-07	9.66E-08	4.01E-07	2.54E-07	7.23E-08	3.27E-07	6.02E-08	1.85E-08	7.87E-08	4.69E-08	8.91E-09	5.58E-08
2188	625522.96	4265605.19	3.01E-07	9.57E-08	3.97E-07	2.52E-07	7.16E-08	3.23E-07	5.96E-08	1.83E-08	7.80E-08	4.65E-08	8.83E-09	5.53E-08
2189	625526.55	4265614.26	2.98E-07	9.47E-08	3.93E-07	2.49E-07	7.09E-08	3.20E-07	5.91E-08	1.82E-08	7.72E-08	4.60E-08	8.74E-09	5.48E-08
2190	625530.14	4265623.33	2.95E-07	9.38E-08	3.89E-07	2.47E-07	7.02E-08	3.17E-07	5.85E-08	1.80E-08	7.64E-08	4.56E-08	8.66E-09	5.42E-08
2191	625533.73	4265632.4	2.92E-07	9.27E-08	3.85E-07	2.44E-07	6.94E-08	3.13E-07	5.78E-08	1.78E-08	7.56E-08	4.51E-08	8.56E-09	5.36E-08
2192	625537.32	4265641.48	2.89E-07	9.16E-08	3.80E-07	2.41E-07	6.86E-08	3.10E-07	5.71E-08	1.76E-08	7.47E-08	4.45E-08	8.46E-09	5.30E-08
2193	625540.91	4265650.55	2.85E-07	9.05E-08	3.76E-07	2.38E-07	6.78E-08	3.06E-07	5.64E-08	1.73E-08	7.38E-08	4.40E-08	8.35E-09	5.23E-08
2194	625544.5	4265659.62	2.82E-07	8.94E-08	3.71E-07	2.35E-07	6.69E-08	3.02E-07	5.57E-08	1.71E-08	7.29E-08	4.34E-08	8.25E-09	5.17E-08
2195	625548.09	4265668.69	2.78E-07	8.83E-08	3.66E-07	2.32E-07	6.61E-08	2.98E-07	5.50E-08	1.69E-08	7.19E-08	4.29E-08	8.15E-09	5.10E-08
2196	625551.68	4265677.76	2.74E-07	8.71E-08	3.61E-07	2.29E-07	6.52E-08	2.95E-07	5.43E-08	1.67E-08	7.10E-08	4.23E-08	8.04E-09	5.04E-08
2197	624865.08	4264975.38	4.67E-07	1.48E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.25E-08	2.84E-08	1.21E-07	7.21E-08	1.37E-08	8.58E-08
2198	624855.17	4264975.24	4.65E-07	1.48E-07	6.13E-07	3.89E-07	1.11E-07	5.00E-07	9.21E-08	2.83E-08	1.20E-07	7.18E-08	1.36E-08	8.55E-08
2199	624845.26	4264975.1	4.63E-07	1.47E-07	6.11E-07	3.87E-07	1.10E-07	4.98E-07	9.17E-08	2.82E-08	1.20E-07	7.15E-08	1.36E-08	8.51E-08
2200	624835.35	4264974.97	4.61E-07	1.47E-07	6.08E-07	3.86E-07	1.10E-07	4.95E-07	9.13E-08	2.81E-08	1.19E-07	7.12E-08	1.35E-08	8.47E-08
2201	624825.44	4264974.83	4.59E-07	1.46E-07	6.05E-07	3.84E-07	1.09E-07	4.93E-07	9.09E-08	2.79E-08	1.19E-07	7.08E-08	1.35E-08	8.43E-08
2202	624815.53	4264974.69	4.57E-07	1.45E-07	6.02E-07	3.82E-07	1.09E-07	4.90E-07	9.04E-08	2.78E-08	1.18E-07	7.05E-08	1.34E-08	8.39E-08
2203	624805.62	4264974.55	4.54E-07	1.44E-07	5.99E-07	3.80E-07	1.08E-07	4.88E-07	8.99E-08	2.76E-08	1.18E-07	7.01E-08	1.33E-08	8.34E-08
2204	624795.71	4264974.42	4.52E-07	1.44E-07	5.95E-07	3.78E-07	1.07E-07	4.85E-07	8.95E-08	2.75E-08	1.17E-07	6.97E-08	1.32E-08	8.30E-08
2205	624785.81	4264974.28	4.49E-07	1.43E-07	5.92E-07	3.76E-07	1.07E-07	4.83E-07	8.90E-08	2.73E-08	1.16E-07	6.94E-08	1.32E-08	8.25E-08
2206	624775.9	4264974.14	4.47E-07	1.42E-07	5.89E-07	3.73E-07	1.06E-07	4.80E-07	8.84E-08	2.72E-08	1.16E-07	6.89E-08	1.31E-08	8.20E-08
2207	624765.99	4264974	4.44E-07	1.41E-07	5.85E-07	3.71E-07	1.06E-07	4.77E-07	8.79E-08	2.70E-08	1.15E-07	6.85E-08	1.30E-08	8.15E-08
2208	624756.08	4264973.87	4.41E-07	1.40E-07	5.81E-07	3.69E-07	1.05E-07	4.74E-07	8.73E-08	2.68E-08	1.14E-07	6.81E-08	1.29E-08	8.10E-08
2209	624746.17	4264973.73	4.38E-07	1.39E-07	5.77E-07	3.66E-07	1.04E-07	4.71E-07	8.68E-08	2.67E-08	1.13E-07	6.76E-08	1.28E-08	8.05E-08
2210	624736.26	4264973.59	4.35E-07	1.38E-07	5.73E-07	3.64E-07	1.03E-07	4.67E-07	8.61E-08	2.65E-08	1.13E-07	6.71E-08	1.28E-08	7.99E-08
2211	624726.35	4264973.45	4.32E-07	1.37E-07	5.69E-07	3.61E-07	1.03E-07	4.63E-07	8.54E-08	2.63E-08	1.12E-07	6.66E-08	1.27E-08	7.93E-08
2212	624716.44	4264973.32	4.28E-07	1.36E-07	5.64E-07	3.58E-07	1.02E-07	4.60E-07	8.47E-08	2.60E-08	1.11E-07	6.61E-08	1.25E-08	7.86E-08
2213	624706.53	4264973.18	4.25E-07	1.35E-07	5.59E-07	3.55E-07	1.01E-07	4.56E-07	8.40E-08	2.58E-08	1.10E-07	6.55E-08	1.24E-08	7.79E-08
2214	624696.63	4264973.04	4.21E-07	1.34E-07	5.55E-07	3.52E-07	1.00E-07	4.52E-07	8.33E-08	2.56E-08	1.09E-07	6.49E-08	1.23E-08	7.73E-08
2215	624686.72	4264972.9	4.17E-07	1.32E-07	5.50E-07	3.49E-07	9.92E-08	4.48E-07	8.26E-08	2.54E-08	1.08E-07	6.44E-08	1.22E-08	7.66E-08
2216	624676.81	4264972.77	4.13E-07	1.31E-07	5.44E-07	3.45E-07	9.83E-08	4.44E-07	8.18E-08	2.51E-08	1.07E-07	6.38E-08	1.21E-08	7.59E-08

2217	624666.9	4264972.63	4.09E-07	1.30E-07	5.39E-07	3.42E-07	9.73E-08	4.39E-07	8.10E-08	2.49E-08	1.06E-07	6.31E-08	1.20E-08	7.51E-08
2218	624656.99	4264972.49	4.05E-07	1.29E-07	5.34E-07	3.39E-07	9.63E-08	4.35E-07	8.02E-08	2.47E-08	1.05E-07	6.25E-08	1.19E-08	7.44E-08
2219	624647.08	4264972.35	4.01E-07	1.27E-07	5.28E-07	3.35E-07	9.54E-08	4.31E-07	7.94E-08	2.44E-08	1.04E-07	6.19E-08	1.18E-08	7.36E-08
2220	624637.17	4264972.22	3.97E-07	1.26E-07	5.23E-07	3.32E-07	9.44E-08	4.26E-07	7.86E-08	2.42E-08	1.03E-07	6.13E-08	1.16E-08	7.29E-08
2221	624627.26	4264972.08	3.93E-07	1.25E-07	5.18E-07	3.28E-07	9.34E-08	4.22E-07	7.78E-08	2.39E-08	1.02E-07	6.06E-08	1.15E-08	7.21E-08
2222	624617.36	4264971.94	3.89E-07	1.23E-07	5.12E-07	3.25E-07	9.24E-08	4.17E-07	7.69E-08	2.37E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
2223	624607.45	4264971.8	3.85E-07	1.22E-07	5.07E-07	3.21E-07	9.14E-08	4.13E-07	7.61E-08	2.34E-08	9.95E-08	5.93E-08	1.13E-08	7.06E-08
2224	624597.54	4264971.67	3.80E-07	1.21E-07	5.01E-07	3.18E-07	9.05E-08	4.08E-07	7.53E-08	2.31E-08	9.85E-08	5.87E-08	1.12E-08	6.99E-08
2225	624587.63	4264971.53	3.77E-07	1.20E-07	4.96E-07	3.15E-07	8.95E-08	4.04E-07	7.45E-08	2.29E-08	9.75E-08	5.81E-08	1.10E-08	6.91E-08
2226	624577.72	4264971.39	3.73E-07	1.18E-07	4.91E-07	3.12E-07	8.87E-08	4.00E-07	7.38E-08	2.27E-08	9.65E-08	5.75E-08	1.09E-08	6.85E-08
2227	624567.81	4264971.26	3.69E-07	1.17E-07	4.87E-07	3.09E-07	8.78E-08	3.97E-07	7.31E-08	2.25E-08	9.56E-08	5.70E-08	1.08E-08	6.78E-08
2228	624557.9	4264971.12	3.66E-07	1.16E-07	4.82E-07	3.06E-07	8.70E-08	3.93E-07	7.24E-08	2.23E-08	9.47E-08	5.65E-08	1.07E-08	6.72E-08
2229	624547.99	4264970.98	3.63E-07	1.15E-07	4.78E-07	3.03E-07	8.62E-08	3.89E-07	7.18E-08	2.21E-08	9.38E-08	5.60E-08	1.06E-08	6.66E-08
2230	624538.09	4264970.84	3.59E-07	1.14E-07	4.74E-07	3.00E-07	8.55E-08	3.86E-07	7.11E-08	2.19E-08	9.30E-08	5.55E-08	1.05E-08	6.60E-08
2231	624528.18	4264970.71	3.56E-07	1.13E-07	4.69E-07	2.98E-07	8.47E-08	3.83E-07	7.05E-08	2.17E-08	9.22E-08	5.50E-08	1.04E-08	6.54E-08
2232	624518.27	4264970.57	3.53E-07	1.12E-07	4.65E-07	2.95E-07	8.40E-08	3.79E-07	6.99E-08	2.15E-08	9.14E-08	5.45E-08	1.04E-08	6.49E-08
2233	624508.36	4264970.43	3.50E-07	1.11E-07	4.61E-07	2.93E-07	8.33E-08	3.76E-07	6.93E-08	2.13E-08	9.06E-08	5.40E-08	1.03E-08	6.43E-08
2234	624498.45	4264970.29	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.25E-08	3.73E-07	6.87E-08	2.11E-08	8.98E-08	5.36E-08	1.02E-08	6.37E-08
2235	624488.54	4264970.16	3.44E-07	1.09E-07	4.53E-07	2.88E-07	8.18E-08	3.70E-07	6.81E-08	2.09E-08	8.91E-08	5.31E-08	1.01E-08	6.32E-08
2236	624478.63	4264970.02	3.41E-07	1.08E-07	4.49E-07	2.85E-07	8.11E-08	3.66E-07	6.75E-08	2.08E-08	8.83E-08	5.26E-08	1.00E-08	6.26E-08
2237	624468.72	4264969.88	3.38E-07	1.07E-07	4.45E-07	2.83E-07	8.04E-08	3.63E-07	6.69E-08	2.06E-08	8.75E-08	5.22E-08	9.91E-09	6.21E-08
2238	624458.81	4264969.74	3.35E-07	1.06E-07	4.41E-07	2.80E-07	7.96E-08	3.60E-07	6.63E-08	2.04E-08	8.67E-08	5.17E-08	9.82E-09	6.15E-08
2239	624448.91	4264969.61	3.32E-07	1.05E-07	4.37E-07	2.77E-07	7.89E-08	3.56E-07	6.57E-08	2.02E-08	8.59E-08	5.12E-08	9.73E-09	6.09E-08
2240	624439	4264969.47	3.29E-07	1.04E-07	4.33E-07	2.75E-07	7.82E-08	3.53E-07	6.51E-08	2.00E-08	8.51E-08	5.07E-08	9.64E-09	6.04E-08
2241	624429.09	4264969.33	3.26E-07	1.03E-07	4.29E-07	2.72E-07	7.74E-08	3.50E-07	6.44E-08	1.98E-08	8.43E-08	5.02E-08	9.54E-09	5.98E-08
2242	624419.18	4264969.19	3.22E-07	1.02E-07	4.25E-07	2.69E-07	7.67E-08	3.46E-07	6.38E-08	1.96E-08	8.34E-08	4.97E-08	9.45E-09	5.92E-08
2243	624409.27	4264969.06	3.19E-07	1.01E-07	4.21E-07	2.67E-07	7.59E-08	3.43E-07	6.32E-08	1.94E-08	8.26E-08	4.93E-08	9.36E-09	5.86E-08
2244	624399.36	4264968.92	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.51E-08	3.39E-07	6.25E-08	1.92E-08	8.18E-08	4.88E-08	9.26E-09	5.80E-08
2245	624389.45	4264968.78	3.13E-07	9.93E-08	4.12E-07	2.61E-07	7.44E-08	3.36E-07	6.19E-08	1.90E-08	8.09E-08	4.83E-08	9.17E-09	5.74E-08
2246	624379.54	4264968.64	3.10E-07	9.83E-08	4.08E-07	2.59E-07	7.36E-08	3.32E-07	6.13E-08	1.88E-08	8.01E-08	4.78E-08	9.07E-09	5.68E-08
2247	624369.64	4264968.51	3.06E-07	9.73E-08	4.04E-07	2.56E-07	7.28E-08	3.29E-07	6.06E-08	1.86E-08	7.93E-08	4.73E-08	8.98E-09	5.62E-08
2248	624875.54	4264879.3	3.90E-07	1.24E-07	5.13E-07	3.26E-07	9.27E-08	4.18E-07	7.71E-08	2.37E-08	1.01E-07	6.01E-08	1.14E-08	7.15E-08
2249	624884.63	4264883.22	3.94E-07	1.25E-07	5.19E-07	3.29E-07	9.37E-08	4.23E-07	7.80E-08	2.40E-08	1.02E-07	6.08E-08	1.15E-08	7.23E-08
2250	624893.71	4264887.14	3.98E-07	1.27E-07	5.25E-07	3.33E-07	9.47E-08	4.28E-07	7.89E-08	2.42E-08	1.03E-07	6.15E-08	1.17E-08	7.31E-08
2251	624902.79	4264891.06	4.03E-07	1.28E-07	5.30E-07	3.37E-07	9.57E-08	4.32E-07	7.97E-08	2.45E-08	1.04E-07	6.21E-08	1.18E-08	7.39E-08
2252	624911.87	4264894.97	4.07E-07	1.29E-07	5.36E-07	3.40E-07	9.67E-08	4.37E-07	8.05E-08	2.48E-08	1.05E-07	6.28E-08	1.19E-08	7.47E-08
2253	624920.96	4264898.89	4.11E-07	1.31E-07	5.42E-07	3.44E-07	9.77E-08	4.41E-07	8.14E-08	2.50E-08	1.06E-07	6.34E-08	1.20E-08	7.55E-08
2254	624930.04	4264902.81	4.15E-07	1.32E-07	5.47E-07	3.47E-07	9.87E-08	4.46E-07	8.22E-08	2.53E-08	1.07E-07	6.41E-08	1.22E-08	7.62E-08
2255	624939.12	4264906.73	4.19E-07	1.33E-07	5.52E-07	3.50E-07	9.97E-08	4.50E-07	8.30E-08	2.55E-08	1.09E-07	6.47E-08	1.23E-08	7.70E-08
2256	624948.2	4264910.64	4.23E-07	1.34E-07	5.58E-07	3.54E-07	1.01E-07	4.54E-07	8.38E-08	2.58E-08	1.10E-07	6.53E-08	1.24E-08	7.77E-08
2257	624957.29	4264914.56	4.27E-07	1.36E-07	5.63E-07	3.57E-07	1.02E-07	4.59E-07	8.46E-08	2.60E-08	1.11E-07	6.59E-08	1.25E-08	7.84E-08
2258	624966.37	4264918.48	4.31E-07	1.37E-07	5.68E-07	3.60E-07	1.03E-07	4.63E-07	8.53E-08	2.62E-08	1.12E-07	6.65E-08	1.26E-08	7.92E-08
2259	624975.45	4264922.4	4.35E-07	1.38E-07	5.73E-07	3.63E-07	1.03E-07	4.67E-07	8.61E-08	2.65E-08	1.13E-07	6.71E-08	1.27E-08	7.98E-08
2260	624984.53	4264926.31	4.38E-07	1.39E-07	5.78E-07	3.66E-07	1.04E-07	4.71E-07	8.68E-08	2.67E-08	1.13E-07	6.77E-08	1.29E-08	8.05E-08
2261	624993.62	4264930.23	4.42E-07	1.40E-07	5.82E-07	3.69E-07	1.05E-07	4.74E-07	8.75E-08	2.69E-08	1.14E-07	6.82E-08	1.30E-08	8.11E-08
2262	625002.7	4264934.15	4.45E-07	1.41E-07	5.87E-07	3.72E-07	1.06E-07	4.78E-07	8.81E-08	2.71E-08	1.15E-07	6.87E-08	1.30E-08	8.17E-08
2263	625011.78	4264938.07	4.48E-07	1.42E-07	5.91E-07	3.75E-07	1.07E-07	4.81E-07	8.87E-08	2.73E-08	1.16E-07	6.92E-08	1.31E-08	8.23E-08
2264	625020.86	4264941.98	4.51E-07	1.43E-07	5.94E-07	3.77E-07	1.07E-07	4.84E-07	8.93E-08	2.74E-08	1.17E-07	6.96E-08	1.32E-08	8.28E-08
2265	625029.94	4264945.9	4.54E-07	1.44E-07	5.98E-07	3.79E-07	1.08E-07	4.87E-07	8.98E-08	2.76E-08	1.17E-07	7.00E-08	1.33E-08	8.33E-08
2266	625039.03	4264949.82	4.56E-07	1.45E-07	6.01E-07	3.81E-07	1.08E-07	4.90E-07	9.03E-08	2.78E-08	1.18E-07	7.04E-08	1.34E-08	8.37E-08
2267	625048.11	4264953.74	4.58E-07	1.46E-07	6.04E-07	3.83E-07	1.09E-07	4.92E-07	9.07E-08	2.79E-08	1.19E-07	7.07E-08	1.34E-08	8.41E-08
2268	625057.19	4264957.65	4.60E-07	1.46E-07	6.06E-07	3.84E-07	1.09E-07	4.94E-07	9.10E-08	2.80E-08	1.19E-07	7.10E-08	1.35E-08	8.44E-08
2269	625066.27	4264961.57	4.61E-07	1.47E-07	6.08E-07	3.86E-07	1.10E-07	4.95E-07	9.13E-08	2.81E-08	1.19E-07	7.12E-08	1.35E-08	8.47E-08
2270	625075.36	4264965.49	4.62E-07	1.47E-07	6.09E-07	3.86E-07	1.10E-07	4.96E-07	9.15E-08	2.81E-08	1.20E-07	7.13E-08	1.36E-08	8.49E-08
2271	625084.44	4264969.41	4.63E-07	1.47E-07	6.10E-07	3.87E-07	1.10E-07	4.97E-07	9.17E-08	2.82E-08	1.20E-07	7.15E-08	1.36E-08	8.50E-08
2272	625093.52	4264973.32	4.63E-07	1.47E-07	6.11E-07	3.87E-07	1.10E-07	4.98E-07	9.17E-08	2.82E-08	1.20E-07	7.15E-08	1.36E-08	8.51E-08
2273	625102.6	4264977.24	4.63E-07	1.47E-07	6.11E-07	3.87E-07	1.10E-07	4.97E-07	9.17E-08	2.82E-08	1.20E-07	7.15E-08	1.36E-08	8.51E-08
2274	625111.69	4264981.16	4.63E-07	1.47E-07	6.10E-07	3.87E-07	1.10E-07	4.97E-07	9.16E-08	2.82E-08	1.20E-07	7.14E-08	1.36E-08	8.50E-08
2275	625120.77	4264985.07	4.62E-07	1.47E-07	6.09E-07	3.86E-07	1.10E-07	4.96E-07	9.15E-08	2.81E-08	1.20E-07	7.13E-08	1.35E-08	8.49E-08
2276	625129.85	4264988.99	4.61E-07	1.46E-07	6.08E-07	3.85E-07	1.10E-07	4.95E-07	9.13E-08	2.81E-08	1.19E-07	7.12E-08	1.35E-08	8.47E-08
2277	625138.93	4264992.91	4.60E-07	1.46E-07	6.06E-07	3.84E-07	1.09E-07	4.93E-07	9.10E-08	2.80E-08	1.19E-07	7.09E-08	1.35E-08	8.44E-08
2278	625148.02	4264996.83	4.58E-07	1.45E-07	6.03E-07	3.83E-07	1.09E-07	4.92E-07	9.06E-08	2.79E-08	1.18E-07	7.06E-08	1.34E-08	8.41E-08
2279	625157.1	4265000.74	4.56E-07	1.45E-07	6.00E-07	3.81E-07	1.08E-07	4.89E-07	9.02E-08	2.77E-08	1.18E-07	7.03E-08	1.34E-08	8.37E-08
2280	625166.18	4265004.66	4.53E-07	1.44E-07	5.97E-07	3.79E-07	1.08E-07	4.87E-07	8.97E-08	2.76E-08	1.17E-07	6.99E-08	1.33E-08	8.32E-08
2281	625175.26	4265008.58	4.50E-07	1.43E-07	5.94E-07	3.77E-07	1.07E-07	4.84E-07	8.92E-08	2.74E-08	1.17E-07	6.95E-08	1.32E-08	8.27E-08
2282	625184.34	4265012.5	4.47E-07	1.42E-07	5.90E-07	3.74E-07	1.06E-07	4.80E-07	8.86E-08	2.72E-08	1.16E-07	6.90E-08	1.31E-08	8.22E-08
2283	625193.43	4265016.41	4.44E-07	1.41E-07	5.85E-07	3.71E-07	1.06E-07	4.77E-07	8.79E-08	2.70E-08	1.15E-07	6.85E-08	1.30E-08	8.15E-08
2284	625202.51	4265020.33	4.40E-07	1.40E-07	5.80E-07	3.68E-07	1.05E-07	4.73E-07	8.72E-08	2.68E-08	1.14E-07	6.80E-08	1.29E-08	8.09E-08
2285	625211.59	4265024.25	4.37E-07	1.39E-07	5.75E-07	3.65E-07	1.04E-07	4.69E-07	8.64E-08	2.66E-08	1.13E-07	6.74E-08	1.28E-08	8.02E-08
2286	625220.67	4265028.17	4.33E-07	1.37E-07	5.70E-07	3.62E-07	1.03E-07	4.64E-07	8.56E-08	2.63E-08	1.12E-07	6.67E-08	1.27E-08	7.94E-08
2287	625229.76	4265032.08	4.28E-07	1.36E-07	5.64E-07	3.58E-07	1.02E-07	4.60E-07	8.48E-08	2.61E-08	1.11E-07	6.61E-08	1.26E-08	7.86E-08
2288	625238.84	4265036	4.24E-07	1.35E-07	5.58E-07	3.54E-07	1.01E-07	4.55E-07	8.39E-08	2.58E-08	1.10E-07	6.54E-08	1.24E-08	7.78E-08
2289	625247.92	4265039.92	4.19E-07	1.33E-07	5.52E-07	3.50E-07	9.96E-08	4.50E-07	8.29E-08	2.55E-08	1.08E-07	6.47E-08	1.23E-08	7.69E-08
2290	625257	4265043.84	4.14E-07	1.32E-07	5.46E-07	3.46E-07	9.85E-08	4.45E-07	8.20E-08	2.52E-08	1.07E-07	6.39E-08	1.21E-08	7.61E-08

2291	625266.09	4265047.75	4.09E-07	1.30E-07	5.39E-07	3.42E-07	9.73E-08	4.39E-07	8.10E-08	2.49E-08	1.06E-07	6.32E-08	1.20E-08	7.52E-08
2292	625275.17	4265051.67	4.04E-07	1.28E-07	5.33E-07	3.38E-07	9.61E-08	4.34E-07	8.00E-08	2.46E-08	1.05E-07	6.24E-08	1.18E-08	7.42E-08
2293	625284.25	4265055.59	3.99E-07	1.27E-07	5.26E-07	3.34E-07	9.49E-08	4.28E-07	7.90E-08	2.43E-08	1.03E-07	6.16E-08	1.17E-08	7.33E-08
2294	625293.33	4265059.51	3.94E-07	1.25E-07	5.19E-07	3.29E-07	9.37E-08	4.23E-07	7.80E-08	2.40E-08	1.02E-07	6.08E-08	1.15E-08	7.23E-08
2295	625302.42	4265063.42	3.89E-07	1.23E-07	5.12E-07	3.25E-07	9.24E-08	4.17E-07	7.69E-08	2.36E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
2296	625311.5	4265067.34	3.83E-07	1.22E-07	5.05E-07	3.20E-07	9.12E-08	4.12E-07	7.59E-08	2.33E-08	9.92E-08	5.92E-08	1.12E-08	7.04E-08
2297	625320.58	4265071.26	3.78E-07	1.20E-07	4.98E-07	3.16E-07	8.99E-08	4.06E-07	7.49E-08	2.30E-08	9.79E-08	5.84E-08	1.11E-08	6.94E-08
2298	625329.66	4265075.18	3.73E-07	1.18E-07	4.91E-07	3.12E-07	8.87E-08	4.00E-07	7.38E-08	2.27E-08	9.65E-08	5.76E-08	1.09E-08	6.85E-08
2299	625338.74	4265079.09	3.68E-07	1.17E-07	4.85E-07	3.07E-07	8.75E-08	3.95E-07	7.28E-08	2.24E-08	9.52E-08	5.68E-08	1.08E-08	6.75E-08
2300	625347.83	4265083.01	3.63E-07	1.15E-07	4.78E-07	3.03E-07	8.62E-08	3.89E-07	7.18E-08	2.21E-08	9.38E-08	5.59E-08	1.06E-08	6.66E-08
2301	625356.91	4265086.93	3.57E-07	1.13E-07	4.71E-07	2.99E-07	8.50E-08	3.84E-07	7.07E-08	2.17E-08	9.25E-08	5.51E-08	1.05E-08	6.56E-08
2302	625365.99	4265090.85	3.52E-07	1.12E-07	4.64E-07	2.94E-07	8.37E-08	3.78E-07	6.97E-08	2.14E-08	9.11E-08	5.43E-08	1.03E-08	6.47E-08
2303	625375.07	4265094.76	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.25E-08	3.73E-07	6.87E-08	2.11E-08	8.98E-08	5.36E-08	1.02E-08	6.37E-08
2304	625384.16	4265098.68	3.42E-07	1.09E-07	4.51E-07	2.86E-07	8.14E-08	3.67E-07	6.77E-08	2.08E-08	8.86E-08	5.28E-08	1.00E-08	6.28E-08
2305	625393.24	4265102.6	3.38E-07	1.07E-07	4.45E-07	2.82E-07	8.03E-08	3.62E-07	6.68E-08	2.05E-08	8.74E-08	5.21E-08	9.89E-09	6.20E-08
2306	625402.32	4265106.52	3.33E-07	1.06E-07	4.39E-07	2.78E-07	7.92E-08	3.58E-07	6.59E-08	2.03E-08	8.62E-08	5.14E-08	9.76E-09	6.11E-08
2307	625411.4	4265110.43	3.29E-07	1.04E-07	4.33E-07	2.75E-07	7.81E-08	3.53E-07	6.50E-08	2.00E-08	8.50E-08	5.07E-08	9.63E-09	6.03E-08
2308	625420.49	4265114.35	3.24E-07	1.03E-07	4.27E-07	2.71E-07	7.71E-08	3.48E-07	6.42E-08	1.97E-08	8.39E-08	5.00E-08	9.50E-09	5.95E-08
2309	625433.21	4265127.46	3.20E-07	1.01E-07	4.21E-07	2.67E-07	7.60E-08	3.43E-07	6.33E-08	1.94E-08	8.27E-08	4.93E-08	9.37E-09	5.87E-08
2310	625436.85	4265136.66	3.19E-07	1.01E-07	4.20E-07	2.67E-07	7.59E-08	3.43E-07	6.32E-08	1.94E-08	8.26E-08	4.92E-08	9.35E-09	5.86E-08
2311	625440.49	4265145.86	3.19E-07	1.01E-07	4.20E-07	2.66E-07	7.57E-08	3.42E-07	6.31E-08	1.94E-08	8.24E-08	4.92E-08	9.34E-09	5.85E-08
2312	625444.13	4265155.06	3.18E-07	1.01E-07	4.19E-07	2.66E-07	7.56E-08	3.42E-07	6.30E-08	1.94E-08	8.23E-08	4.91E-08	9.32E-09	5.84E-08
2313	625447.77	4265164.25	3.18E-07	1.01E-07	4.19E-07	2.66E-07	7.56E-08	3.41E-07	6.29E-08	1.93E-08	8.22E-08	4.90E-08	9.31E-09	5.84E-08
2314	625451.41	4265173.45	3.18E-07	1.01E-07	4.18E-07	2.65E-07	7.55E-08	3.41E-07	6.29E-08	1.93E-08	8.22E-08	4.90E-08	9.31E-09	5.83E-08
2315	625455.05	4265182.65	3.17E-07	1.01E-07	4.18E-07	2.65E-07	7.54E-08	3.41E-07	6.28E-08	1.93E-08	8.21E-08	4.89E-08	9.30E-09	5.82E-08
2316	625458.69	4265191.84	3.17E-07	1.01E-07	4.17E-07	2.65E-07	7.53E-08	3.40E-07	6.27E-08	1.93E-08	8.20E-08	4.89E-08	9.28E-09	5.82E-08
2317	625462.33	4265201.04	3.16E-07	1.00E-07	4.17E-07	2.64E-07	7.52E-08	3.40E-07	6.26E-08	1.93E-08	8.19E-08	4.88E-08	9.27E-09	5.81E-08
2318	625465.97	4265210.24	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.51E-08	3.39E-07	6.25E-08	1.92E-08	8.17E-08	4.87E-08	9.26E-09	5.80E-08
2319	625469.61	4265219.43	3.15E-07	1.00E-07	4.16E-07	2.64E-07	7.50E-08	3.39E-07	6.24E-08	1.92E-08	8.16E-08	4.87E-08	9.24E-09	5.79E-08
2320	625473.25	4265228.63	3.15E-07	1.00E-07	4.15E-07	2.63E-07	7.49E-08	3.38E-07	6.23E-08	1.92E-08	8.15E-08	4.86E-08	9.23E-09	5.78E-08
2321	625476.89	4265237.83	3.14E-07	9.98E-08	4.14E-07	2.63E-07	7.47E-08	3.37E-07	6.22E-08	1.91E-08	8.13E-08	4.85E-08	9.21E-09	5.77E-08
2322	625480.53	4265247.02	3.14E-07	9.96E-08	4.13E-07	2.62E-07	7.46E-08	3.37E-07	6.21E-08	1.91E-08	8.12E-08	4.84E-08	9.19E-09	5.76E-08
2323	625484.17	4265256.22	3.13E-07	9.94E-08	4.12E-07	2.62E-07	7.44E-08	3.36E-07	6.20E-08	1.90E-08	8.10E-08	4.83E-08	9.17E-09	5.75E-08
2324	625487.81	4265265.42	3.12E-07	9.92E-08	4.11E-07	2.61E-07	7.43E-08	3.35E-07	6.18E-08	1.90E-08	8.08E-08	4.82E-08	9.15E-09	5.73E-08
2325	625491.45	4265274.62	3.12E-07	9.89E-08	4.10E-07	2.60E-07	7.41E-08	3.34E-07	6.17E-08	1.90E-08	8.06E-08	4.81E-08	9.13E-09	5.72E-08
2326	625495.09	4265283.81	3.11E-07	9.87E-08	4.09E-07	2.60E-07	7.39E-08	3.34E-07	6.15E-08	1.89E-08	8.04E-08	4.80E-08	9.11E-09	5.71E-08
2327	625498.73	4265293.01	3.10E-07	9.84E-08	4.08E-07	2.59E-07	7.37E-08	3.33E-07	6.13E-08	1.89E-08	8.02E-08	4.78E-08	9.08E-09	5.69E-08
2328	625502.37	4265302.21	3.09E-07	9.81E-08	4.07E-07	2.58E-07	7.35E-08	3.32E-07	6.12E-08	1.88E-08	8.00E-08	4.77E-08	9.06E-09	5.67E-08
2329	625506.01	4265311.4	3.08E-07	9.78E-08	4.06E-07	2.57E-07	7.33E-08	3.31E-07	6.10E-08	1.87E-08	7.97E-08	4.75E-08	9.03E-09	5.66E-08
2330	625509.65	4265320.6	3.07E-07	9.75E-08	4.05E-07	2.57E-07	7.30E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.00E-09	5.64E-08
2331	625513.29	4265329.8	3.06E-07	9.72E-08	4.03E-07	2.56E-07	7.28E-08	3.29E-07	6.06E-08	1.86E-08	7.92E-08	4.72E-08	8.97E-09	5.62E-08
2332	625516.93	4265338.99	3.05E-07	9.68E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.04E-08	1.86E-08	7.89E-08	4.71E-08	8.94E-09	5.60E-08
2333	625520.57	4265348.19	3.04E-07	9.65E-08	4.00E-07	2.54E-07	7.22E-08	3.26E-07	6.01E-08	1.85E-08	7.86E-08	4.69E-08	8.90E-09	5.58E-08
2334	625524.21	4265357.39	3.03E-07	9.61E-08	3.99E-07	2.53E-07	7.19E-08	3.25E-07	5.99E-08	1.84E-08	7.83E-08	4.67E-08	8.87E-09	5.55E-08
2335	625527.85	4265366.59	3.01E-07	9.57E-08	3.97E-07	2.52E-07	7.16E-08	3.23E-07	5.96E-08	1.83E-08	7.80E-08	4.65E-08	8.83E-09	5.53E-08
2336	625531.49	4265375.78	3.00E-07	9.52E-08	3.95E-07	2.51E-07	7.13E-08	3.22E-07	5.94E-08	1.82E-08	7.76E-08	4.63E-08	8.79E-09	5.51E-08
2337	625535.13	4265384.98	2.99E-07	9.48E-08	3.93E-07	2.50E-07	7.10E-08	3.20E-07	5.91E-08	1.82E-08	7.72E-08	4.61E-08	8.75E-09	5.48E-08
2338	625538.77	4265394.18	2.97E-07	9.43E-08	3.91E-07	2.48E-07	7.06E-08	3.19E-07	5.88E-08	1.81E-08	7.69E-08	4.58E-08	8.71E-09	5.45E-08
2339	625542.41	4265403.37	2.96E-07	9.39E-08	3.89E-07	2.47E-07	7.03E-08	3.17E-07	5.85E-08	1.80E-08	7.65E-08	4.56E-08	8.66E-09	5.43E-08
2340	625546.06	4265412.57	2.94E-07	9.34E-08	3.87E-07	2.46E-07	6.99E-08	3.16E-07	5.82E-08	1.79E-08	7.61E-08	4.54E-08	8.62E-09	5.40E-08
2341	625549.7	4265421.77	2.92E-07	9.28E-08	3.85E-07	2.44E-07	6.95E-08	3.14E-07	5.79E-08	1.78E-08	7.57E-08	4.51E-08	8.57E-09	5.37E-08
2342	625553.34	4265430.96	2.91E-07	9.23E-08	3.83E-07	2.43E-07	6.91E-08	3.12E-07	5.75E-08	1.77E-08	7.52E-08	4.49E-08	8.52E-09	5.34E-08
2343	625556.98	4265440.16	2.89E-07	9.17E-08	3.81E-07	2.41E-07	6.87E-08	3.10E-07	5.72E-08	1.76E-08	7.48E-08	4.46E-08	8.47E-09	5.30E-08
2344	625560.62	4265449.36	2.87E-07	9.11E-08	3.78E-07	2.40E-07	6.82E-08	3.08E-07	5.68E-08	1.75E-08	7.42E-08	4.43E-08	8.41E-09	5.27E-08
2345	625564.26	4265458.56	2.85E-07	9.05E-08	3.75E-07	2.38E-07	6.77E-08	3.06E-07	5.64E-08	1.73E-08	7.37E-08	4.40E-08	8.35E-09	5.23E-08
2346	625567.9	4265467.75	2.83E-07	8.98E-08	3.73E-07	2.36E-07	6.72E-08	3.04E-07	5.60E-08	1.72E-08	7.32E-08	4.36E-08	8.29E-09	5.19E-08
2347	625571.54	4265476.95	2.81E-07	8.92E-08	3.70E-07	2.35E-07	6.68E-08	3.01E-07	5.56E-08	1.71E-08	7.27E-08	4.33E-08	8.23E-09	5.16E-08
2348	625575.18	4265486.15	2.79E-07	8.86E-08	3.68E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.22E-08	4.30E-08	8.18E-09	5.12E-08
2349	625578.82	4265495.34	2.77E-07	8.80E-08	3.65E-07	2.32E-07	6.59E-08	2.97E-07	5.48E-08	1.69E-08	7.17E-08	4.27E-08	8.12E-09	5.09E-08
2350	625582.46	4265504.54	2.75E-07	8.74E-08	3.62E-07	2.30E-07	6.54E-08	2.95E-07	5.44E-08	1.67E-08	7.12E-08	4.24E-08	8.06E-09	5.05E-08
2351	625586.1	4265513.74	2.73E-07	8.66E-08	3.59E-07	2.28E-07	6.49E-08	2.93E-07	5.40E-08	1.66E-08	7.06E-08	4.21E-08	7.99E-09	5.01E-08
2352	625589.74	4265522.93	2.70E-07	8.59E-08	3.56E-07	2.26E-07	6.43E-08	2.90E-07	5.35E-08	1.65E-08	7.00E-08	4.17E-08	7.92E-09	4.96E-08
2353	625593.38	4265532.13	2.68E-07	8.51E-08	3.53E-07	2.24E-07	6.37E-08	2.88E-07	5.30E-08	1.63E-08	6.93E-08	4.13E-08	7.85E-09	4.92E-08
2354	625597.02	4265541.33	2.66E-07	8.43E-08	3.50E-07	2.22E-07	6.31E-08	2.85E-07	5.26E-08	1.62E-08	6.87E-08	4.10E-08	7.78E-09	4.88E-08
2355	625600.66	4265550.52	2.63E-07	8.36E-08	3.47E-07	2.20E-07	6.26E-08	2.83E-07	5.21E-08	1.60E-08	6.81E-08	4.06E-08	7.71E-09	4.83E-08
2356	625604.3	4265559.72	2.61E-07	8.29E-08	3.44E-07	2.18E-07	6.20E-08	2.80E-07	5.16E-08	1.59E-08	6.75E-08	4.03E-08	7.65E-09	4.79E-08
2357	625607.94	4265568.92	2.59E-07	8.21E-08	3.41E-07	2.16E-07	6.15E-08	2.78E-07	5.12E-08	1.57E-08	6.69E-08	3.99E-08	7.58E-09	4.75E-08
2358	625611.58	4265578.12	2.56E-07	8.14E-08	3.38E-07	2.14E-07	6.09E-08	2.75E-07	5.07E-08	1.56E-08	6.63E-08	3.96E-08	7.51E-09	4.71E-08
2359	625615.22	4265587.31	2.54E-07	8.06E-08	3.35E-07	2.12E-07	6.04E-08	2.73E-07	5.03E-08	1.55E-08	6.57E-08	3.92E-08	7.44E-09	4.66E-08
2360	625618.86	4265596.51	2.52E-07	7.99E-08	3.31E-07	2.10E-07	5.98E-08	2.70E-07	4.98E-08	1.53E-08	6.51E-08	3.88E-08	7.37E-09	4.62E-08
2361	625622.5	4265605.71	2.49E-07	7.91E-08	3.28E-07	2.08E-07	5.92E-08	2.67E-07	4.93E-08	1.52E-08	6.44E-08	3.84E-08	7.30E-09	4.57E-08
2362	625626.14	4265614.9	2.46E-07	7.83E-08	3.25E-07	2.06E-07	5.86E-08	2.65E-07	4.88E-08	1.50E-08	6.38E-08	3.80E-08	7.22E-09	4.53E-08
2363	625629.78	4265624.1	2.44E-07	7.74E-08	3.21E-07	2.04E-07	5.80E-08	2.62E-07	4.83E-08	1.48E-08	6.31E-08	3.76E-08	7.15E-09	4.48E-08
2364	625633.42	4265633.3	2.41E-07	7.66E-08	3.18E-07	2.02E-07	5.74E-08	2.59E-07	4.78E-08	1.47E-08	6.24E-08	3.72E-08	7.07E-09	4.43E-08

2365	625637.06	4265642.49	2.39E-07	7.58E-08	3.14E-07	1.99E-07	5.67E-08	2.56E-07	4.72E-08	1.45E-08	6.17E-08	3.68E-08	6.99E-09	4.38E-08
2366	625640.7	4265651.69	2.36E-07	7.49E-08	3.11E-07	1.97E-07	5.61E-08	2.53E-07	4.67E-08	1.43E-08	6.10E-08	3.64E-08	6.91E-09	4.33E-08
2367	625644.34	4265660.89	2.33E-07	7.40E-08	3.07E-07	1.95E-07	5.54E-08	2.50E-07	4.61E-08	1.42E-08	6.03E-08	3.60E-08	6.83E-09	4.28E-08
2368	625647.98	4265670.09	2.30E-07	7.32E-08	3.04E-07	1.93E-07	5.48E-08	2.47E-07	4.56E-08	1.40E-08	5.96E-08	3.56E-08	6.75E-09	4.23E-08
2369	625651.62	4265679.28	2.28E-07	7.23E-08	3.00E-07	1.90E-07	5.41E-08	2.44E-07	4.51E-08	1.39E-08	5.89E-08	3.51E-08	6.67E-09	4.18E-08
2370	624866.46	4264875.39	3.85E-07	1.22E-07	5.08E-07	3.22E-07	9.16E-08	4.14E-07	7.63E-08	2.34E-08	9.97E-08	5.95E-08	1.13E-08	7.08E-08
2371	624856.55	4264875.25	3.84E-07	1.22E-07	5.05E-07	3.21E-07	9.12E-08	4.12E-07	7.59E-08	2.33E-08	9.93E-08	5.92E-08	1.12E-08	7.04E-08
2372	624846.64	4264875.11	3.82E-07	1.21E-07	5.03E-07	3.19E-07	9.08E-08	4.10E-07	7.56E-08	2.32E-08	9.88E-08	5.89E-08	1.12E-08	7.01E-08
2373	624836.74	4264874.97	3.80E-07	1.21E-07	5.01E-07	3.18E-07	9.04E-08	4.08E-07	7.53E-08	2.31E-08	9.84E-08	5.87E-08	1.11E-08	6.98E-08
2374	624826.83	4264874.84	3.78E-07	1.20E-07	4.99E-07	3.16E-07	9.00E-08	4.06E-07	7.49E-08	2.30E-08	9.79E-08	5.84E-08	1.11E-08	6.95E-08
2375	624816.92	4264874.7	3.77E-07	1.20E-07	4.96E-07	3.15E-07	8.95E-08	4.04E-07	7.45E-08	2.29E-08	9.75E-08	5.81E-08	1.10E-08	6.91E-08
2376	624807.01	4264874.56	3.75E-07	1.19E-07	4.94E-07	3.13E-07	8.91E-08	4.02E-07	7.42E-08	2.28E-08	9.70E-08	5.78E-08	1.10E-08	6.88E-08
2377	624797.1	4264874.43	3.73E-07	1.18E-07	4.91E-07	3.12E-07	8.87E-08	4.00E-07	7.38E-08	2.27E-08	9.65E-08	5.75E-08	1.09E-08	6.85E-08
2378	624787.19	4264874.29	3.71E-07	1.18E-07	4.89E-07	3.10E-07	8.82E-08	3.98E-07	7.35E-08	2.26E-08	9.60E-08	5.73E-08	1.09E-08	6.81E-08
2379	624777.28	4264874.15	3.69E-07	1.17E-07	4.87E-07	3.09E-07	8.78E-08	3.96E-07	7.31E-08	2.25E-08	9.56E-08	5.70E-08	1.08E-08	6.78E-08
2380	624767.37	4264874.01	3.67E-07	1.17E-07	4.84E-07	3.07E-07	8.73E-08	3.94E-07	7.27E-08	2.24E-08	9.51E-08	5.67E-08	1.08E-08	6.74E-08
2381	624757.47	4264873.88	3.65E-07	1.16E-07	4.81E-07	3.05E-07	8.68E-08	3.92E-07	7.23E-08	2.22E-08	9.45E-08	5.64E-08	1.07E-08	6.71E-08
2382	624747.56	4264873.74	3.63E-07	1.15E-07	4.78E-07	3.04E-07	8.63E-08	3.90E-07	7.19E-08	2.21E-08	9.40E-08	5.60E-08	1.06E-08	6.67E-08
2383	624737.65	4264873.6	3.61E-07	1.15E-07	4.76E-07	3.02E-07	8.58E-08	3.88E-07	7.15E-08	2.20E-08	9.34E-08	5.57E-08	1.06E-08	6.63E-08
2384	624727.74	4264873.46	3.59E-07	1.14E-07	4.73E-07	3.00E-07	8.54E-08	3.85E-07	7.11E-08	2.18E-08	9.29E-08	5.54E-08	1.05E-08	6.59E-08
2385	624717.83	4264873.33	3.57E-07	1.13E-07	4.70E-07	2.98E-07	8.49E-08	3.83E-07	7.06E-08	2.17E-08	9.23E-08	5.51E-08	1.05E-08	6.55E-08
2386	624707.92	4264873.19	3.55E-07	1.13E-07	4.67E-07	2.96E-07	8.43E-08	3.81E-07	7.02E-08	2.16E-08	9.18E-08	5.47E-08	1.04E-08	6.51E-08
2387	624698.01	4264873.05	3.52E-07	1.12E-07	4.64E-07	2.94E-07	8.38E-08	3.78E-07	6.97E-08	2.14E-08	9.12E-08	5.44E-08	1.03E-08	6.47E-08
2388	624688.1	4264872.91	3.50E-07	1.11E-07	4.61E-07	2.92E-07	8.32E-08	3.76E-07	6.93E-08	2.13E-08	9.06E-08	5.40E-08	1.03E-08	6.42E-08
2389	624678.19	4264872.78	3.47E-07	1.10E-07	4.58E-07	2.90E-07	8.26E-08	3.73E-07	6.88E-08	2.11E-08	8.99E-08	5.36E-08	1.02E-08	6.38E-08
2390	624668.29	4264872.64	3.45E-07	1.10E-07	4.54E-07	2.88E-07	8.20E-08	3.70E-07	6.83E-08	2.10E-08	8.92E-08	5.32E-08	1.01E-08	6.33E-08
2391	624658.38	4264872.5	3.42E-07	1.09E-07	4.51E-07	2.86E-07	8.14E-08	3.67E-07	6.77E-08	2.08E-08	8.86E-08	5.28E-08	1.00E-08	6.28E-08
2392	624648.47	4264872.36	3.40E-07	1.08E-07	4.47E-07	2.84E-07	8.07E-08	3.65E-07	6.72E-08	2.07E-08	8.79E-08	5.24E-08	9.95E-09	6.23E-08
2393	624638.56	4264872.23	3.37E-07	1.07E-07	4.44E-07	2.81E-07	8.01E-08	3.62E-07	6.67E-08	2.05E-08	8.71E-08	5.20E-08	9.87E-09	6.18E-08
2394	624628.65	4264872.09	3.34E-07	1.06E-07	4.40E-07	2.79E-07	7.94E-08	3.59E-07	6.61E-08	2.03E-08	8.64E-08	5.15E-08	9.79E-09	6.13E-08
2395	624618.74	4264871.95	3.31E-07	1.05E-07	4.36E-07	2.77E-07	7.87E-08	3.55E-07	6.55E-08	2.01E-08	8.57E-08	5.11E-08	9.70E-09	6.08E-08
2396	624608.83	4264871.81	3.28E-07	1.04E-07	4.32E-07	2.74E-07	7.80E-08	3.52E-07	6.50E-08	2.00E-08	8.49E-08	5.06E-08	9.62E-09	6.03E-08
2397	624598.92	4264871.68	3.25E-07	1.03E-07	4.29E-07	2.72E-07	7.73E-08	3.49E-07	6.44E-08	1.98E-08	8.42E-08	5.02E-08	9.53E-09	5.97E-08
2398	624589.02	4264871.54	3.22E-07	1.02E-07	4.25E-07	2.69E-07	7.66E-08	3.46E-07	6.38E-08	1.96E-08	8.34E-08	4.97E-08	9.45E-09	5.92E-08
2399	624579.11	4264871.4	3.19E-07	1.01E-07	4.21E-07	2.67E-07	7.59E-08	3.43E-07	6.32E-08	1.94E-08	8.26E-08	4.93E-08	9.36E-09	5.86E-08
2400	624569.2	4264871.26	3.16E-07	1.00E-07	4.17E-07	2.64E-07	7.52E-08	3.39E-07	6.26E-08	1.92E-08	8.18E-08	4.88E-08	9.27E-09	5.81E-08
2401	624559.29	4264871.13	3.13E-07	9.95E-08	4.13E-07	2.62E-07	7.45E-08	3.36E-07	6.20E-08	1.91E-08	8.11E-08	4.83E-08	9.18E-09	5.75E-08
2402	624549.38	4264870.99	3.10E-07	9.86E-08	4.09E-07	2.59E-07	7.38E-08	3.33E-07	6.14E-08	1.89E-08	8.03E-08	4.79E-08	9.10E-09	5.70E-08
2403	624539.47	4264870.85	3.08E-07	9.77E-08	4.05E-07	2.57E-07	7.31E-08	3.30E-07	6.09E-08	1.87E-08	7.96E-08	4.75E-08	9.02E-09	5.65E-08
2404	624529.56	4264870.72	3.05E-07	9.68E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.03E-08	1.86E-08	7.89E-08	4.70E-08	8.94E-09	5.60E-08
2405	624519.65	4264870.58	3.02E-07	9.60E-08	3.98E-07	2.53E-07	7.18E-08	3.24E-07	5.98E-08	1.84E-08	7.82E-08	4.66E-08	8.86E-09	5.55E-08
2406	624509.75	4264870.44	2.99E-07	9.51E-08	3.95E-07	2.50E-07	7.12E-08	3.22E-07	5.93E-08	1.82E-08	7.75E-08	4.62E-08	8.78E-09	5.50E-08
2407	624499.84	4264870.3	2.97E-07	9.43E-08	3.91E-07	2.48E-07	7.06E-08	3.19E-07	5.88E-08	1.81E-08	7.68E-08	4.58E-08	8.70E-09	5.45E-08
2408	624489.93	4264870.17	2.94E-07	9.34E-08	3.88E-07	2.46E-07	7.00E-08	3.16E-07	5.82E-08	1.79E-08	7.61E-08	4.54E-08	8.62E-09	5.40E-08
2409	624480.02	4264870.03	2.92E-07	9.26E-08	3.84E-07	2.44E-07	6.93E-08	3.13E-07	5.77E-08	1.77E-08	7.55E-08	4.50E-08	8.55E-09	5.35E-08
2410	624470.11	4264869.89	2.89E-07	9.18E-08	3.81E-07	2.42E-07	6.87E-08	3.10E-07	5.72E-08	1.76E-08	7.48E-08	4.46E-08	8.47E-09	5.31E-08
2411	624460.2	4264869.75	2.86E-07	9.10E-08	3.77E-07	2.39E-07	6.81E-08	3.07E-07	5.67E-08	1.74E-08	7.41E-08	4.42E-08	8.39E-09	5.26E-08
2412	624450.29	4264869.62	2.84E-07	9.01E-08	3.74E-07	2.37E-07	6.75E-08	3.05E-07	5.62E-08	1.73E-08	7.35E-08	4.38E-08	8.32E-09	5.21E-08
2413	624440.38	4264869.48	2.81E-07	8.93E-08	3.71E-07	2.35E-07	6.69E-08	3.02E-07	5.57E-08	1.71E-08	7.28E-08	4.34E-08	8.24E-09	5.16E-08
2414	624430.47	4264869.34	2.79E-07	8.85E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.21E-08	4.30E-08	8.17E-09	5.12E-08
2415	624420.57	4264869.2	2.76E-07	8.77E-08	3.64E-07	2.31E-07	6.57E-08	2.96E-07	5.47E-08	1.68E-08	7.15E-08	4.26E-08	8.09E-09	5.07E-08
2416	624410.66	4264869.07	2.74E-07	8.69E-08	3.60E-07	2.29E-07	6.50E-08	2.94E-07	5.42E-08	1.66E-08	7.08E-08	4.22E-08	8.02E-09	5.02E-08
2417	624400.75	4264868.93	2.71E-07	8.61E-08	3.57E-07	2.27E-07	6.44E-08	2.91E-07	5.36E-08	1.65E-08	7.01E-08	4.18E-08	7.94E-09	4.98E-08
2418	624390.84	4264868.79	2.68E-07	8.52E-08	3.54E-07	2.24E-07	6.38E-08	2.88E-07	5.31E-08	1.63E-08	6.95E-08	4.14E-08	7.87E-09	4.93E-08
2419	624380.93	4264868.65	2.66E-07	8.44E-08	3.50E-07	2.22E-07	6.32E-08	2.85E-07	5.26E-08	1.62E-08	6.88E-08	4.10E-08	7.79E-09	4.88E-08
2420	624371.02	4264868.52	2.63E-07	8.36E-08	3.47E-07	2.20E-07	6.26E-08	2.83E-07	5.21E-08	1.60E-08	6.81E-08	4.06E-08	7.72E-09	4.83E-08
2421	624876.9	4264779.3	3.27E-07	1.04E-07	4.31E-07	2.73E-07	7.77E-08	3.51E-07	6.47E-08	1.99E-08	8.46E-08	5.04E-08	9.58E-09	6.00E-08
2422	624885.95	4264783.2	3.30E-07	1.05E-07	4.35E-07	2.76E-07	7.85E-08	3.54E-07	6.53E-08	2.01E-08	8.54E-08	5.09E-08	9.67E-09	6.06E-08
2423	624895	4264787.11	3.33E-07	1.06E-07	4.39E-07	2.79E-07	7.93E-08	3.58E-07	6.60E-08	2.03E-08	8.63E-08	5.15E-08	9.77E-09	6.12E-08
2424	624904.05	4264791.01	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.01E-08	3.62E-07	6.67E-08	2.05E-08	8.72E-08	5.20E-08	9.88E-09	6.19E-08
2425	624913.1	4264794.91	3.41E-07	1.08E-07	4.49E-07	2.85E-07	8.10E-08	3.66E-07	6.74E-08	2.07E-08	8.81E-08	5.25E-08	9.98E-09	6.25E-08
2426	624922.15	4264798.82	3.44E-07	1.09E-07	4.53E-07	2.88E-07	8.18E-08	3.69E-07	6.81E-08	2.09E-08	8.90E-08	5.31E-08	1.01E-08	6.32E-08
2427	624931.2	4264802.72	3.48E-07	1.10E-07	4.58E-07	2.91E-07	8.27E-08	3.73E-07	6.88E-08	2.12E-08	9.00E-08	5.36E-08	1.02E-08	6.38E-08
2428	624940.25	4264806.62	3.51E-07	1.12E-07	4.63E-07	2.94E-07	8.35E-08	3.77E-07	6.95E-08	2.14E-08	9.09E-08	5.42E-08	1.03E-08	6.45E-08
2429	624949.3	4264810.53	3.55E-07	1.13E-07	4.67E-07	2.96E-07	8.43E-08	3.81E-07	7.02E-08	2.16E-08	9.18E-08	5.47E-08	1.04E-08	6.51E-08
2430	624958.35	4264814.43	3.58E-07	1.14E-07	4.72E-07	2.99E-07	8.52E-08	3.85E-07	7.09E-08	2.18E-08	9.27E-08	5.53E-08	1.05E-08	6.58E-08
2431	624967.4	4264818.33	3.62E-07	1.15E-07	4.77E-07	3.02E-07	8.60E-08	3.88E-07	7.16E-08	2.20E-08	9.36E-08	5.58E-08	1.06E-08	6.64E-08
2432	624976.45	4264822.24	3.65E-07	1.16E-07	4.81E-07	3.05E-07	8.69E-08	3.92E-07	7.23E-08	2.22E-08	9.45E-08	5.64E-08	1.07E-08	6.71E-08
2433	624985.5	4264826.14	3.69E-07	1.17E-07	4.86E-07	3.08E-07	8.77E-08	3.96E-07	7.30E-08	2.24E-08	9.54E-08	5.69E-08	1.08E-08	6.77E-08
2434	624994.55	4264830.04	3.72E-07	1.18E-07	4.90E-07	3.11E-07	8.85E-08	4.00E-07	7.37E-08	2.26E-08	9.63E-08	5.74E-08	1.09E-08	6.83E-08
2435	625003.6	4264833.95	3.76E-07	1.19E-07	4.95E-07	3.14E-07	8.93E-08	4.03E-07	7.43E-08	2.29E-08	9.72E-08	5.80E-08	1.10E-08	6.90E-08
2436	625012.65	4264837.85	3.79E-07	1.20E-07	4.99E-07	3.17E-07	9.01E-08	4.07E-07	7.50E-08	2.31E-08	9.80E-08	5.85E-08	1.11E-08	6.96E-08
2437	625021.7	4264841.75	3.82E-07	1.21E-07	5.03E-07	3.19E-07	9.08E-08	4.10E-07	7.56E-08	2.32E-08	9.89E-08	5.90E-08	1.12E-08	7.01E-08
2438	625030.75	4264845.66	3.85E-07	1.22E-07	5.07E-07	3.22E-07	9.16E-08	4.13E-07	7.62E-08	2.34E-08	9.97E-08	5.94E-08	1.13E-08	7.07E-08

2439	625039.8	4264849.56	3.88E-07	1.23E-07	5.11E-07	3.24E-07	9.23E-08	4.17E-07	7.68E-08	2.36E-08	1.00E-07	5.99E-08	1.14E-08	7.12E-08
2440	625048.85	4264853.47	3.91E-07	1.24E-07	5.15E-07	3.27E-07	9.29E-08	4.20E-07	7.74E-08	2.38E-08	1.01E-07	6.03E-08	1.15E-08	7.18E-08
2441	625057.9	4264857.37	3.93E-07	1.25E-07	5.18E-07	3.29E-07	9.35E-08	4.22E-07	7.79E-08	2.39E-08	1.02E-07	6.07E-08	1.15E-08	7.22E-08
2442	625066.95	4264861.27	3.96E-07	1.26E-07	5.22E-07	3.31E-07	9.41E-08	4.25E-07	7.84E-08	2.41E-08	1.02E-07	6.11E-08	1.16E-08	7.27E-08
2443	625076	4264865.18	3.98E-07	1.26E-07	5.24E-07	3.33E-07	9.46E-08	4.27E-07	7.88E-08	2.42E-08	1.03E-07	6.14E-08	1.17E-08	7.31E-08
2444	625085.05	4264869.08	4.00E-07	1.27E-07	5.27E-07	3.34E-07	9.51E-08	4.29E-07	7.91E-08	2.43E-08	1.03E-07	6.17E-08	1.17E-08	7.34E-08
2445	625094.1	4264872.98	4.02E-07	1.28E-07	5.29E-07	3.36E-07	9.55E-08	4.31E-07	7.95E-08	2.44E-08	1.04E-07	6.20E-08	1.18E-08	7.37E-08
2446	625103.15	4264876.89	4.03E-07	1.28E-07	5.31E-07	3.37E-07	9.58E-08	4.32E-07	7.97E-08	2.45E-08	1.04E-07	6.22E-08	1.18E-08	7.40E-08
2447	625112.2	4264880.79	4.04E-07	1.28E-07	5.32E-07	3.38E-07	9.60E-08	4.34E-07	8.00E-08	2.46E-08	1.05E-07	6.23E-08	1.18E-08	7.42E-08
2448	625121.25	4264884.69	4.05E-07	1.29E-07	5.33E-07	3.38E-07	9.62E-08	4.34E-07	8.01E-08	2.46E-08	1.05E-07	6.24E-08	1.19E-08	7.43E-08
2449	625130.3	4264888.6	4.05E-07	1.29E-07	5.34E-07	3.39E-07	9.63E-08	4.35E-07	8.02E-08	2.47E-08	1.05E-07	6.25E-08	1.19E-08	7.44E-08
2450	625139.35	4264892.5	4.05E-07	1.29E-07	5.34E-07	3.39E-07	9.64E-08	4.35E-07	8.02E-08	2.47E-08	1.05E-07	6.25E-08	1.19E-08	7.44E-08
2451	625148.4	4264896.4	4.05E-07	1.29E-07	5.34E-07	3.39E-07	9.63E-08	4.35E-07	8.02E-08	2.47E-08	1.05E-07	6.25E-08	1.19E-08	7.44E-08
2452	625157.45	4264900.31	4.05E-07	1.29E-07	5.33E-07	3.38E-07	9.62E-08	4.35E-07	8.01E-08	2.46E-08	1.05E-07	6.25E-08	1.19E-08	7.43E-08
2453	625166.5	4264904.21	4.04E-07	1.28E-07	5.32E-07	3.38E-07	9.61E-08	4.34E-07	8.00E-08	2.46E-08	1.05E-07	6.24E-08	1.18E-08	7.42E-08
2454	625175.55	4264908.11	4.03E-07	1.28E-07	5.31E-07	3.37E-07	9.59E-08	4.33E-07	7.98E-08	2.45E-08	1.04E-07	6.22E-08	1.18E-08	7.40E-08
2455	625184.6	4264912.02	4.02E-07	1.28E-07	5.29E-07	3.36E-07	9.55E-08	4.31E-07	7.95E-08	2.45E-08	1.04E-07	6.20E-08	1.18E-08	7.38E-08
2456	625193.65	4264915.92	4.00E-07	1.27E-07	5.27E-07	3.35E-07	9.52E-08	4.30E-07	7.92E-08	2.44E-08	1.04E-07	6.18E-08	1.17E-08	7.35E-08
2457	625202.7	4264919.82	3.98E-07	1.27E-07	5.25E-07	3.33E-07	9.47E-08	4.28E-07	7.89E-08	2.42E-08	1.03E-07	6.15E-08	1.17E-08	7.32E-08
2458	625211.75	4264923.73	3.96E-07	1.26E-07	5.22E-07	3.31E-07	9.42E-08	4.25E-07	7.84E-08	2.41E-08	1.03E-07	6.12E-08	1.16E-08	7.28E-08
2459	625220.8	4264927.63	3.94E-07	1.25E-07	5.19E-07	3.29E-07	9.37E-08	4.23E-07	7.80E-08	2.40E-08	1.02E-07	6.08E-08	1.15E-08	7.23E-08
2460	625229.85	4264931.53	3.91E-07	1.24E-07	5.16E-07	3.27E-07	9.31E-08	4.20E-07	7.75E-08	2.38E-08	1.01E-07	6.04E-08	1.15E-08	7.19E-08
2461	625238.9	4264935.44	3.89E-07	1.23E-07	5.12E-07	3.25E-07	9.24E-08	4.17E-07	7.69E-08	2.36E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
2462	625247.95	4264939.34	3.86E-07	1.22E-07	5.08E-07	3.22E-07	9.17E-08	4.14E-07	7.63E-08	2.35E-08	9.98E-08	5.95E-08	1.13E-08	7.08E-08
2463	625257	4264943.24	3.82E-07	1.21E-07	5.04E-07	3.20E-07	9.09E-08	4.11E-07	7.57E-08	2.33E-08	9.90E-08	5.90E-08	1.12E-08	7.02E-08
2464	625266.05	4264947.15	3.79E-07	1.20E-07	4.99E-07	3.17E-07	9.01E-08	4.07E-07	7.50E-08	2.31E-08	9.81E-08	5.85E-08	1.11E-08	6.96E-08
2465	625275.09	4264951.05	3.75E-07	1.19E-07	4.95E-07	3.14E-07	8.93E-08	4.03E-07	7.43E-08	2.28E-08	9.72E-08	5.79E-08	1.10E-08	6.89E-08
2466	625284.14	4264954.95	3.72E-07	1.18E-07	4.90E-07	3.11E-07	8.84E-08	3.99E-07	7.36E-08	2.26E-08	9.62E-08	5.74E-08	1.09E-08	6.82E-08
2467	625293.19	4264958.86	3.68E-07	1.17E-07	4.85E-07	3.07E-07	8.75E-08	3.95E-07	7.28E-08	2.24E-08	9.52E-08	5.68E-08	1.08E-08	6.75E-08
2468	625302.24	4264962.76	3.64E-07	1.16E-07	4.79E-07	3.04E-07	8.65E-08	3.91E-07	7.20E-08	2.21E-08	9.42E-08	5.61E-08	1.07E-08	6.68E-08
2469	625311.29	4264966.66	3.60E-07	1.14E-07	4.74E-07	3.01E-07	8.55E-08	3.86E-07	7.12E-08	2.19E-08	9.31E-08	5.55E-08	1.05E-08	6.61E-08
2470	625320.34	4264970.57	3.56E-07	1.13E-07	4.68E-07	2.97E-07	8.45E-08	3.82E-07	7.04E-08	2.16E-08	9.20E-08	5.49E-08	1.04E-08	6.53E-08
2471	625329.39	4264974.47	3.51E-07	1.12E-07	4.63E-07	2.94E-07	8.35E-08	3.77E-07	6.95E-08	2.14E-08	9.09E-08	5.42E-08	1.03E-08	6.45E-08
2472	625338.44	4264978.38	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.25E-08	3.73E-07	6.87E-08	2.11E-08	8.98E-08	5.35E-08	1.02E-08	6.37E-08
2473	625347.49	4264982.28	3.43E-07	1.09E-07	4.51E-07	2.86E-07	8.15E-08	3.68E-07	6.78E-08	2.08E-08	8.87E-08	5.29E-08	1.00E-08	6.29E-08
2474	625356.54	4264986.18	3.38E-07	1.07E-07	4.46E-07	2.83E-07	8.04E-08	3.63E-07	6.69E-08	2.06E-08	8.75E-08	5.22E-08	9.91E-09	6.21E-08
2475	625365.59	4264990.09	3.34E-07	1.06E-07	4.40E-07	2.79E-07	7.93E-08	3.58E-07	6.61E-08	2.03E-08	8.64E-08	5.15E-08	9.78E-09	6.13E-08
2476	625374.64	4264993.99	3.29E-07	1.05E-07	4.34E-07	2.75E-07	7.83E-08	3.53E-07	6.52E-08	2.00E-08	8.52E-08	5.08E-08	9.65E-09	6.04E-08
2477	625383.69	4264997.89	3.25E-07	1.03E-07	4.28E-07	2.72E-07	7.73E-08	3.49E-07	6.43E-08	1.98E-08	8.41E-08	5.01E-08	9.52E-09	5.97E-08
2478	625392.74	4265001.8	3.21E-07	1.02E-07	4.22E-07	2.68E-07	7.62E-08	3.44E-07	6.35E-08	1.95E-08	8.30E-08	4.95E-08	9.40E-09	5.89E-08
2479	625401.79	4265005.7	3.16E-07	1.00E-07	4.17E-07	2.64E-07	7.52E-08	3.40E-07	6.26E-08	1.93E-08	8.19E-08	4.88E-08	9.27E-09	5.81E-08
2480	625410.84	4265009.6	3.12E-07	9.91E-08	4.11E-07	2.61E-07	7.42E-08	3.35E-07	6.18E-08	1.90E-08	8.08E-08	4.82E-08	9.15E-09	5.73E-08
2481	625419.89	4265013.51	3.08E-07	9.78E-08	4.06E-07	2.57E-07	7.32E-08	3.30E-07	6.09E-08	1.87E-08	7.97E-08	4.75E-08	9.02E-09	5.65E-08
2482	625428.94	4265017.41	3.04E-07	9.64E-08	4.00E-07	2.54E-07	7.22E-08	3.26E-07	6.01E-08	1.85E-08	7.86E-08	4.68E-08	8.90E-09	5.57E-08
2483	625437.99	4265021.31	3.00E-07	9.51E-08	3.95E-07	2.50E-07	7.12E-08	3.22E-07	5.93E-08	1.82E-08	7.75E-08	4.62E-08	8.78E-09	5.50E-08
2484	625447.04	4265025.22	2.96E-07	9.39E-08	3.90E-07	2.47E-07	7.03E-08	3.18E-07	5.85E-08	1.80E-08	7.65E-08	4.56E-08	8.67E-09	5.43E-08
2485	625456.09	4265029.12	2.92E-07	9.27E-08	3.85E-07	2.44E-07	6.94E-08	3.14E-07	5.78E-08	1.78E-08	7.56E-08	4.51E-08	8.56E-09	5.36E-08
2486	625465.14	4265033.02	2.88E-07	9.16E-08	3.80E-07	2.41E-07	6.86E-08	3.10E-07	5.71E-08	1.75E-08	7.46E-08	4.45E-08	8.45E-09	5.30E-08
2487	625474.19	4265036.93	2.85E-07	9.04E-08	3.75E-07	2.38E-07	6.77E-08	3.06E-07	5.64E-08	1.73E-08	7.37E-08	4.39E-08	8.34E-09	5.23E-08
2488	625483.24	4265040.83	2.81E-07	8.93E-08	3.71E-07	2.35E-07	6.69E-08	3.02E-07	5.57E-08	1.71E-08	7.28E-08	4.34E-08	8.24E-09	5.16E-08
2489	625492.29	4265044.73	2.78E-07	8.83E-08	3.66E-07	2.32E-07	6.61E-08	2.98E-07	5.50E-08	1.69E-08	7.19E-08	4.29E-08	8.15E-09	5.10E-08
2490	625504.97	4265057.8	2.74E-07	8.72E-08	3.62E-07	2.29E-07	6.53E-08	2.95E-07	5.43E-08	1.67E-08	7.10E-08	4.23E-08	8.04E-09	5.04E-08
2491	625508.6	4265066.97	2.74E-07	8.71E-08	3.61E-07	2.29E-07	6.52E-08	2.94E-07	5.43E-08	1.67E-08	7.09E-08	4.23E-08	8.03E-09	5.03E-08
2492	625512.22	4265076.13	2.74E-07	8.70E-08	3.61E-07	2.29E-07	6.51E-08	2.94E-07	5.42E-08	1.67E-08	7.09E-08	4.23E-08	8.03E-09	5.03E-08
2493	625515.85	4265085.29	2.74E-07	8.69E-08	3.60E-07	2.29E-07	6.50E-08	2.94E-07	5.41E-08	1.66E-08	7.08E-08	4.22E-08	8.02E-09	5.02E-08
2494	625519.48	4265094.46	2.73E-07	8.69E-08	3.60E-07	2.29E-07	6.50E-08	2.94E-07	5.41E-08	1.66E-08	7.08E-08	4.22E-08	8.02E-09	5.02E-08
2495	625523.11	4265103.62	2.74E-07	8.69E-08	3.60E-07	2.29E-07	6.50E-08	2.94E-07	5.41E-08	1.66E-08	7.08E-08	4.22E-08	8.02E-09	5.02E-08
2496	625526.73	4265112.79	2.74E-07	8.69E-08	3.60E-07	2.29E-07	6.50E-08	2.94E-07	5.41E-08	1.66E-08	7.08E-08	4.22E-08	8.02E-09	5.02E-08
2497	625530.36	4265121.95	2.73E-07	8.68E-08	3.60E-07	2.28E-07	6.50E-08	2.93E-07	5.41E-08	1.66E-08	7.07E-08	4.22E-08	8.01E-09	5.02E-08
2498	625533.99	4265131.11	2.73E-07	8.67E-08	3.60E-07	2.28E-07	6.50E-08	2.93E-07	5.41E-08	1.66E-08	7.07E-08	4.21E-08	8.01E-09	5.02E-08
2499	625537.62	4265140.28	2.73E-07	8.67E-08	3.60E-07	2.28E-07	6.49E-08	2.93E-07	5.40E-08	1.66E-08	7.07E-08	4.21E-08	8.00E-09	5.01E-08
2500	625541.24	4265149.44	2.73E-07	8.67E-08	3.60E-07	2.28E-07	6.49E-08	2.93E-07	5.40E-08	1.66E-08	7.06E-08	4.21E-08	8.00E-09	5.01E-08
2501	625544.87	4265158.61	2.73E-07	8.66E-08	3.59E-07	2.28E-07	6.48E-08	2.93E-07	5.40E-08	1.66E-08	7.05E-08	4.21E-08	7.99E-09	5.00E-08
2502	625548.5	4265167.77	2.72E-07	8.65E-08	3.59E-07	2.28E-07	6.47E-08	2.92E-07	5.39E-08	1.66E-08	7.05E-08	4.20E-08	7.98E-09	5.00E-08
2503	625552.12	4265176.93	2.72E-07	8.64E-08	3.58E-07	2.27E-07	6.47E-08	2.92E-07	5.38E-08	1.65E-08	7.04E-08	4.20E-08	7.97E-09	4.99E-08
2504	625555.75	4265186.1	2.71E-07	8.62E-08	3.58E-07	2.27E-07	6.46E-08	2.91E-07	5.37E-08	1.65E-08	7.03E-08	4.19E-08	7.96E-09	4.98E-08
2505	625559.38	4265195.26	2.71E-07	8.60E-08	3.57E-07	2.26E-07	6.44E-08	2.91E-07	5.36E-08	1.65E-08	7.01E-08	4.18E-08	7.94E-09	4.97E-08
2506	625563.01	4265204.43	2.70E-07	8.58E-08	3.56E-07	2.26E-07	6.43E-08	2.90E-07	5.35E-08	1.64E-08	7.00E-08	4.17E-08	7.92E-09	4.96E-08
2507	625566.63	4265213.59	2.70E-07	8.57E-08	3.56E-07	2.26E-07	6.42E-08	2.90E-07	5.34E-08	1.64E-08	6.98E-08	4.16E-08	7.91E-09	4.96E-08
2508	625570.26	4265222.76	2.69E-07	8.56E-08	3.55E-07	2.25E-07	6.41E-08	2.89E-07	5.33E-08	1.64E-08	6.97E-08	4.16E-08	7.90E-09	4.95E-08
2509	625573.89	4265231.92	2.69E-07	8.54E-08	3.54E-07	2.25E-07	6.40E-08	2.89E-07	5.32E-08	1.64E-08	6.96E-08	4.15E-08	7.88E-09	4.94E-08
2510	625577.51	4265241.08	2.68E-07	8.53E-08	3.54E-07	2.24E-07	6.38E-08	2.88E-07	5.31E-08	1.63E-08	6.95E-08	4.14E-08	7.87E-09	4.93E-08
2511	625581.14	4265250.25	2.68E-07	8.50E-08	3.53E-07	2.24E-07	6.37E-08	2.87E-07	5.30E-08	1.63E-08	6.93E-08	4.13E-08	7.85E-09	4.92E-08
2512	625584.77	4265259.41	2.67E-07	8.48E-08	3.52E-07	2.23E-07	6.35E-08	2.87E-07	5.29E-08	1.62E-08	6.91E-08	4.12E-08	7.83E-09	4.90E-08

2513	625588.4	4265268.58	2.66E-07	8.45E-08	3.51E-07	2.22E-07	6.33E-08	2.86E-07	5.27E-08	1.62E-08	6.89E-08	4.11E-08	7.80E-09	4.89E-08
2514	625592.02	4265277.74	2.65E-07	8.43E-08	3.50E-07	2.22E-07	6.31E-08	2.85E-07	5.25E-08	1.61E-08	6.87E-08	4.09E-08	7.78E-09	4.87E-08
2515	625595.65	4265286.9	2.65E-07	8.40E-08	3.49E-07	2.21E-07	6.29E-08	2.84E-07	5.24E-08	1.61E-08	6.85E-08	4.08E-08	7.75E-09	4.86E-08
2516	625599.28	4265296.07	2.64E-07	8.38E-08	3.47E-07	2.20E-07	6.27E-08	2.83E-07	5.22E-08	1.60E-08	6.82E-08	4.07E-08	7.73E-09	4.84E-08
2517	625602.9	4265305.23	2.63E-07	8.34E-08	3.46E-07	2.20E-07	6.25E-08	2.82E-07	5.20E-08	1.60E-08	6.80E-08	4.05E-08	7.70E-09	4.82E-08
2518	625606.53	4265314.4	2.62E-07	8.31E-08	3.45E-07	2.19E-07	6.22E-08	2.81E-07	5.18E-08	1.59E-08	6.77E-08	4.04E-08	7.67E-09	4.81E-08
2519	625610.16	4265323.56	2.61E-07	8.28E-08	3.44E-07	2.18E-07	6.20E-08	2.80E-07	5.16E-08	1.59E-08	6.75E-08	4.02E-08	7.64E-09	4.79E-08
2520	625613.79	4265332.72	2.60E-07	8.24E-08	3.42E-07	2.17E-07	6.17E-08	2.79E-07	5.14E-08	1.58E-08	6.72E-08	4.01E-08	7.61E-09	4.77E-08
2521	625617.41	4265341.89	2.58E-07	8.21E-08	3.40E-07	2.16E-07	6.14E-08	2.77E-07	5.11E-08	1.57E-08	6.69E-08	3.99E-08	7.57E-09	4.74E-08
2522	625621.04	4265351.05	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.09E-08	1.57E-08	6.66E-08	3.97E-08	7.54E-09	4.72E-08
2523	625624.67	4265360.22	2.56E-07	8.13E-08	3.37E-07	2.14E-07	6.09E-08	2.75E-07	5.07E-08	1.56E-08	6.63E-08	3.95E-08	7.50E-09	4.70E-08
2524	625628.3	4265369.38	2.55E-07	8.09E-08	3.36E-07	2.13E-07	6.06E-08	2.74E-07	5.04E-08	1.55E-08	6.59E-08	3.93E-08	7.47E-09	4.68E-08
2525	625631.92	4265378.55	2.53E-07	8.05E-08	3.34E-07	2.12E-07	6.03E-08	2.72E-07	5.02E-08	1.54E-08	6.56E-08	3.91E-08	7.43E-09	4.65E-08
2526	625635.55	4265387.71	2.52E-07	8.01E-08	3.32E-07	2.11E-07	5.99E-08	2.71E-07	4.99E-08	1.53E-08	6.52E-08	3.89E-08	7.39E-09	4.63E-08
2527	625639.18	4265396.87	2.51E-07	7.96E-08	3.30E-07	2.10E-07	5.96E-08	2.69E-07	4.96E-08	1.53E-08	6.49E-08	3.87E-08	7.35E-09	4.60E-08
2528	625642.8	4265406.04	2.49E-07	7.92E-08	3.28E-07	2.08E-07	5.93E-08	2.68E-07	4.94E-08	1.52E-08	6.45E-08	3.85E-08	7.31E-09	4.58E-08
2529	625646.43	4265415.2	2.48E-07	7.87E-08	3.27E-07	2.07E-07	5.89E-08	2.66E-07	4.91E-08	1.51E-08	6.41E-08	3.82E-08	7.26E-09	4.55E-08
2530	625650.06	4265424.37	2.46E-07	7.82E-08	3.24E-07	2.06E-07	5.86E-08	2.64E-07	4.87E-08	1.50E-08	6.37E-08	3.80E-08	7.22E-09	4.52E-08
2531	625653.69	4265433.53	2.45E-07	7.77E-08	3.22E-07	2.05E-07	5.82E-08	2.63E-07	4.84E-08	1.49E-08	6.33E-08	3.78E-08	7.17E-09	4.49E-08
2532	625657.31	4265442.69	2.43E-07	7.72E-08	3.20E-07	2.03E-07	5.78E-08	2.61E-07	4.81E-08	1.48E-08	6.29E-08	3.75E-08	7.13E-09	4.46E-08
2533	625660.94	4265451.86	2.42E-07	7.67E-08	3.18E-07	2.02E-07	5.74E-08	2.59E-07	4.78E-08	1.47E-08	6.25E-08	3.73E-08	7.08E-09	4.43E-08
2534	625664.57	4265461.02	2.40E-07	7.62E-08	3.16E-07	2.01E-07	5.70E-08	2.58E-07	4.75E-08	1.46E-08	6.21E-08	3.70E-08	7.03E-09	4.40E-08
2535	625668.19	4265470.19	2.38E-07	7.57E-08	3.14E-07	1.99E-07	5.67E-08	2.56E-07	4.72E-08	1.45E-08	6.17E-08	3.68E-08	6.98E-09	4.38E-08
2536	625671.82	4265479.35	2.37E-07	7.52E-08	3.12E-07	1.98E-07	5.63E-08	2.54E-07	4.69E-08	1.44E-08	6.13E-08	3.65E-08	6.94E-09	4.35E-08
2537	625675.45	4265488.51	2.35E-07	7.47E-08	3.10E-07	1.97E-07	5.59E-08	2.52E-07	4.65E-08	1.43E-08	6.09E-08	3.63E-08	6.89E-09	4.32E-08
2538	625679.08	4265497.68	2.34E-07	7.42E-08	3.08E-07	1.95E-07	5.55E-08	2.51E-07	4.62E-08	1.42E-08	6.05E-08	3.60E-08	6.85E-09	4.29E-08
2539	625682.7	4265506.84	2.32E-07	7.37E-08	3.06E-07	1.94E-07	5.52E-08	2.49E-07	4.59E-08	1.41E-08	6.00E-08	3.58E-08	6.80E-09	4.26E-08
2540	625686.33	4265516.01	2.30E-07	7.32E-08	3.04E-07	1.93E-07	5.48E-08	2.47E-07	4.56E-08	1.40E-08	5.96E-08	3.55E-08	6.75E-09	4.23E-08
2541	625689.96	4265525.17	2.29E-07	7.26E-08	3.01E-07	1.91E-07	5.44E-08	2.46E-07	4.53E-08	1.39E-08	5.92E-08	3.53E-08	6.70E-09	4.20E-08
2542	625693.59	4265534.34	2.27E-07	7.21E-08	2.99E-07	1.90E-07	5.40E-08	2.44E-07	4.49E-08	1.38E-08	5.87E-08	3.50E-08	6.65E-09	4.17E-08
2543	625697.21	4265543.5	2.25E-07	7.15E-08	2.97E-07	1.88E-07	5.35E-08	2.42E-07	4.46E-08	1.37E-08	5.83E-08	3.47E-08	6.60E-09	4.13E-08
2544	625700.84	4265552.66	2.23E-07	7.09E-08	2.94E-07	1.87E-07	5.31E-08	2.40E-07	4.42E-08	1.36E-08	5.77E-08	3.44E-08	6.54E-09	4.10E-08
2545	625704.47	4265561.83	2.21E-07	7.02E-08	2.91E-07	1.85E-07	5.26E-08	2.37E-07	4.38E-08	1.35E-08	5.72E-08	3.41E-08	6.48E-09	4.06E-08
2546	625708.09	4265570.99	2.19E-07	6.96E-08	2.89E-07	1.83E-07	5.21E-08	2.35E-07	4.34E-08	1.33E-08	5.67E-08	3.38E-08	6.43E-09	4.03E-08
2547	625711.72	4265580.16	2.17E-07	6.90E-08	2.86E-07	1.82E-07	5.17E-08	2.33E-07	4.30E-08	1.32E-08	5.62E-08	3.35E-08	6.37E-09	3.99E-08
2548	625715.35	4265589.32	2.15E-07	6.84E-08	2.84E-07	1.80E-07	5.12E-08	2.31E-07	4.26E-08	1.31E-08	5.57E-08	3.32E-08	6.31E-09	3.95E-08
2549	625718.98	4265598.48	2.13E-07	6.77E-08	2.81E-07	1.78E-07	5.07E-08	2.29E-07	4.22E-08	1.30E-08	5.52E-08	3.29E-08	6.25E-09	3.92E-08
2550	625722.6	4265607.65	2.11E-07	6.71E-08	2.78E-07	1.77E-07	5.02E-08	2.27E-07	4.18E-08	1.28E-08	5.47E-08	3.26E-08	6.19E-09	3.88E-08
2551	625726.23	4265616.81	2.09E-07	6.64E-08	2.75E-07	1.75E-07	4.97E-08	2.24E-07	4.14E-08	1.27E-08	5.41E-08	3.23E-08	6.13E-09	3.84E-08
2552	625729.86	4265625.98	2.07E-07	6.57E-08	2.73E-07	1.73E-07	4.92E-08	2.22E-07	4.09E-08	1.26E-08	5.35E-08	3.19E-08	6.06E-09	3.80E-08
2553	625733.48	4265635.14	2.05E-07	6.50E-08	2.70E-07	1.71E-07	4.87E-08	2.20E-07	4.05E-08	1.25E-08	5.30E-08	3.16E-08	6.00E-09	3.76E-08
2554	625737.11	4265644.3	2.02E-07	6.43E-08	2.67E-07	1.69E-07	4.81E-08	2.17E-07	4.01E-08	1.23E-08	5.24E-08	3.12E-08	5.93E-09	3.72E-08
2555	625740.74	4265653.47	2.00E-07	6.35E-08	2.64E-07	1.67E-07	4.76E-08	2.15E-07	3.96E-08	1.22E-08	5.18E-08	3.09E-08	5.86E-09	3.67E-08
2556	625744.37	4265662.63	1.98E-07	6.28E-08	2.61E-07	1.65E-07	4.70E-08	2.12E-07	3.91E-08	1.20E-08	5.12E-08	3.05E-08	5.80E-09	3.63E-08
2557	625747.99	4265671.8	1.95E-07	6.21E-08	2.57E-07	1.63E-07	4.65E-08	2.10E-07	3.87E-08	1.19E-08	5.06E-08	3.02E-08	5.73E-09	3.59E-08
2558	625751.62	4265680.96	1.93E-07	6.13E-08	2.54E-07	1.61E-07	4.59E-08	2.07E-07	3.82E-08	1.17E-08	5.00E-08	2.98E-08	5.66E-09	3.55E-08
2559	624867.85	4264775.4	3.23E-07	1.03E-07	4.26E-07	2.70E-07	7.69E-08	3.47E-07	6.40E-08	1.97E-08	8.37E-08	4.99E-08	9.48E-09	5.94E-08
2560	624857.94	4264775.26	3.22E-07	1.02E-07	4.25E-07	2.69E-07	7.66E-08	3.46E-07	6.38E-08	1.96E-08	8.34E-08	4.97E-08	9.44E-09	5.92E-08
2561	624848.03	4264775.12	3.21E-07	1.02E-07	4.23E-07	2.68E-07	7.63E-08	3.45E-07	6.35E-08	1.95E-08	8.30E-08	4.95E-08	9.41E-09	5.89E-08
2562	624838.12	4264774.98	3.20E-07	1.02E-07	4.21E-07	2.67E-07	7.60E-08	3.43E-07	6.33E-08	1.94E-08	8.27E-08	4.93E-08	9.37E-09	5.87E-08
2563	624828.21	4264774.85	3.18E-07	1.01E-07	4.19E-07	2.66E-07	7.57E-08	3.42E-07	6.30E-08	1.94E-08	8.24E-08	4.91E-08	9.33E-09	5.84E-08
2564	624818.3	4264774.71	3.17E-07	1.01E-07	4.18E-07	2.65E-07	7.54E-08	3.40E-07	6.27E-08	1.93E-08	8.20E-08	4.89E-08	9.29E-09	5.82E-08
2565	624808.4	4264774.57	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.51E-08	3.39E-07	6.25E-08	1.92E-08	8.17E-08	4.87E-08	9.25E-09	5.80E-08
2566	624798.49	4264774.43	3.14E-07	9.98E-08	4.14E-07	2.63E-07	7.47E-08	3.37E-07	6.22E-08	1.91E-08	8.13E-08	4.85E-08	9.21E-09	5.77E-08
2567	624788.58	4264774.3	3.13E-07	9.95E-08	4.13E-07	2.62E-07	7.45E-08	3.36E-07	6.20E-08	1.91E-08	8.10E-08	4.83E-08	9.18E-09	5.75E-08
2568	624778.67	4264774.16	3.12E-07	9.91E-08	4.11E-07	2.61E-07	7.42E-08	3.35E-07	6.17E-08	1.90E-08	8.07E-08	4.81E-08	9.14E-09	5.73E-08
2569	624768.76	4264774.02	3.11E-07	9.87E-08	4.09E-07	2.60E-07	7.39E-08	3.34E-07	6.15E-08	1.89E-08	8.04E-08	4.80E-08	9.11E-09	5.71E-08
2570	624758.85	4264773.89	3.10E-07	9.83E-08	4.08E-07	2.59E-07	7.36E-08	3.32E-07	6.13E-08	1.88E-08	8.01E-08	4.78E-08	9.07E-09	5.68E-08
2571	624748.94	4264773.75	3.08E-07	9.79E-08	4.06E-07	2.58E-07	7.33E-08	3.31E-07	6.10E-08	1.88E-08	7.98E-08	4.76E-08	9.04E-09	5.66E-08
2572	624739.03	4264773.61	3.07E-07	9.75E-08	4.05E-07	2.57E-07	7.30E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.00E-09	5.64E-08
2573	624729.13	4264773.47	3.06E-07	9.71E-08	4.03E-07	2.56E-07	7.27E-08	3.28E-07	6.05E-08	1.86E-08	7.91E-08	4.72E-08	8.96E-09	5.61E-08
2574	624719.22	4264773.34	3.04E-07	9.66E-08	4.01E-07	2.54E-07	7.24E-08	3.27E-07	6.02E-08	1.85E-08	7.88E-08	4.70E-08	8.92E-09	5.59E-08
2575	624709.31	4264773.2	3.03E-07	9.62E-08	3.99E-07	2.53E-07	7.20E-08	3.25E-07	6.00E-08	1.84E-08	7.84E-08	4.67E-08	8.88E-09	5.56E-08
2576	624699.4	4264773.06	3.01E-07	9.57E-08	3.97E-07	2.52E-07	7.17E-08	3.24E-07	5.97E-08	1.83E-08	7.80E-08	4.65E-08	8.84E-09	5.54E-08
2577	624689.49	4264772.92	3.00E-07	9.53E-08	3.95E-07	2.51E-07	7.13E-08	3.22E-07	5.94E-08	1.83E-08	7.76E-08	4.63E-08	8.79E-09	5.51E-08
2578	624679.58	4264772.79	2.98E-07	9.48E-08	3.93E-07	2.49E-07	7.10E-08	3.20E-07	5.91E-08	1.82E-08	7.72E-08	4.60E-08	8.75E-09	5.48E-08
2579	624669.67	4264772.65	2.97E-07	9.43E-08	3.91E-07	2.48E-07	7.06E-08	3.19E-07	5.87E-08	1.81E-08	7.68E-08	4.58E-08	8.70E-09	5.45E-08
2580	624659.76	4264772.51	2.95E-07	9.37E-08	3.89E-07	2.47E-07	7.02E-08	3.17E-07	5.84E-08	1.80E-08	7.64E-08	4.55E-08	8.65E-09	5.42E-08
2581	624649.86	4264772.37	2.93E-07	9.32E-08	3.87E-07	2.45E-07	6.98E-08	3.15E-07	5.81E-08	1.79E-08	7.59E-08	4.53E-08	8.60E-09	5.39E-08
2582	624639.95	4264772.24	2.92E-07	9.26E-08	3.84E-07	2.44E-07	6.93E-08	3.13E-07	5.77E-08	1.77E-08	7.55E-08	4.50E-08	8.55E-09	5.35E-08
2583	624630.04	4264772.1	2.90E-07	9.20E-08	3.82E-07	2.42E-07	6.89E-08	3.11E-07	5.73E-08	1.76E-08	7.50E-08	4.47E-08	8.49E-09	5.32E-08
2584	624620.13	4264771.96	2.88E-07	9.14E-08	3.79E-07	2.40E-07	6.84E-08	3.09E-07	5.69E-08	1.75E-08	7.44E-08	4.44E-08	8.43E-09	5.28E-08
2585	624610.22	4264771.82	2.86E-07	9.07E-08	3.76E-07	2.39E-07	6.79E-08	3.07E-07	5.65E-08	1.74E-08	7.39E-08	4.41E-08	8.37E-09	5.24E-08
2586	624600.31	4264771.69	2.83E-07	9.00E-08	3.73E-07	2.37E-07	6.74E-08	3.04E-07	5.61E-08	1.72E-08	7.33E-08	4.37E-08	8.31E-09	5.20E-08

2587	624590.4	4264771.55	2.81E-07	8.93E-08	3.70E-07	2.35E-07	6.69E-08	3.02E-07	5.57E-08	1.71E-08	7.28E-08	4.34E-08	8.24E-09	5.16E-08
2588	624580.49	4264771.41	2.79E-07	8.86E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.22E-08	4.30E-08	8.17E-09	5.12E-08
2589	624570.58	4264771.27	2.77E-07	8.78E-08	3.64E-07	2.31E-07	6.58E-08	2.97E-07	5.47E-08	1.68E-08	7.16E-08	4.27E-08	8.10E-09	5.08E-08
2590	624560.68	4264771.14	2.74E-07	8.70E-08	3.61E-07	2.29E-07	6.52E-08	2.94E-07	5.42E-08	1.67E-08	7.09E-08	4.23E-08	8.03E-09	5.03E-08
2591	624550.77	4264771	2.71E-07	8.62E-08	3.58E-07	2.27E-07	6.46E-08	2.91E-07	5.37E-08	1.65E-08	7.03E-08	4.19E-08	7.96E-09	4.98E-08
2592	624540.86	4264770.86	2.69E-07	8.54E-08	3.54E-07	2.25E-07	6.39E-08	2.89E-07	5.32E-08	1.64E-08	6.96E-08	4.15E-08	7.88E-09	4.94E-08
2593	624530.95	4264770.72	2.66E-07	8.46E-08	3.51E-07	2.23E-07	6.33E-08	2.86E-07	5.27E-08	1.62E-08	6.89E-08	4.11E-08	7.81E-09	4.89E-08
2594	624521.04	4264770.59	2.64E-07	8.38E-08	3.48E-07	2.21E-07	6.27E-08	2.83E-07	5.22E-08	1.61E-08	6.83E-08	4.07E-08	7.73E-09	4.84E-08
2595	624511.13	4264770.45	2.61E-07	8.30E-08	3.44E-07	2.18E-07	6.21E-08	2.81E-07	5.17E-08	1.59E-08	6.76E-08	4.03E-08	7.66E-09	4.80E-08
2596	624501.22	4264770.31	2.59E-07	8.22E-08	3.41E-07	2.16E-07	6.16E-08	2.78E-07	5.12E-08	1.58E-08	6.70E-08	4.00E-08	7.59E-09	4.75E-08
2597	624491.31	4264770.18	2.56E-07	8.14E-08	3.38E-07	2.14E-07	6.10E-08	2.75E-07	5.08E-08	1.56E-08	6.64E-08	3.96E-08	7.52E-09	4.71E-08
2598	624481.41	4264770.04	2.54E-07	8.07E-08	3.35E-07	2.12E-07	6.04E-08	2.73E-07	5.03E-08	1.55E-08	6.57E-08	3.92E-08	7.45E-09	4.66E-08
2599	624471.5	4264769.9	2.52E-07	7.99E-08	3.32E-07	2.10E-07	5.98E-08	2.70E-07	4.98E-08	1.53E-08	6.51E-08	3.88E-08	7.38E-09	4.62E-08
2600	624461.59	4264769.76	2.49E-07	7.92E-08	3.29E-07	2.08E-07	5.93E-08	2.68E-07	4.94E-08	1.52E-08	6.45E-08	3.85E-08	7.31E-09	4.58E-08
2601	624451.68	4264769.63	2.47E-07	7.84E-08	3.25E-07	2.06E-07	5.87E-08	2.65E-07	4.89E-08	1.50E-08	6.39E-08	3.81E-08	7.24E-09	4.54E-08
2602	624441.77	4264769.49	2.45E-07	7.77E-08	3.22E-07	2.05E-07	5.82E-08	2.63E-07	4.84E-08	1.49E-08	6.33E-08	3.78E-08	7.17E-09	4.49E-08
2603	624431.86	4264769.35	2.42E-07	7.70E-08	3.19E-07	2.03E-07	5.77E-08	2.60E-07	4.80E-08	1.48E-08	6.28E-08	3.74E-08	7.11E-09	4.45E-08
2604	624421.95	4264769.21	2.40E-07	7.63E-08	3.17E-07	2.01E-07	5.71E-08	2.58E-07	4.76E-08	1.46E-08	6.22E-08	3.71E-08	7.04E-09	4.41E-08
2605	624412.04	4264769.08	2.38E-07	7.56E-08	3.14E-07	1.99E-07	5.66E-08	2.56E-07	4.71E-08	1.45E-08	6.16E-08	3.67E-08	6.98E-09	4.37E-08
2606	624402.14	4264768.94	2.36E-07	7.49E-08	3.11E-07	1.97E-07	5.61E-08	2.53E-07	4.67E-08	1.44E-08	6.10E-08	3.64E-08	6.91E-09	4.33E-08
2607	624392.23	4264768.8	2.34E-07	7.42E-08	3.08E-07	1.95E-07	5.56E-08	2.51E-07	4.63E-08	1.42E-08	6.05E-08	3.61E-08	6.85E-09	4.29E-08
2608	624382.32	4264768.66	2.32E-07	7.35E-08	3.05E-07	1.94E-07	5.51E-08	2.49E-07	4.58E-08	1.41E-08	5.99E-08	3.57E-08	6.79E-09	4.25E-08
2609	624372.41	4264768.53	2.29E-07	7.28E-08	3.02E-07	1.92E-07	5.45E-08	2.46E-07	4.54E-08	1.40E-08	5.94E-08	3.54E-08	6.72E-09	4.21E-08
2610	624878.26	4264679.3	2.79E-07	8.86E-08	3.68E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.22E-08	4.30E-08	8.18E-09	5.12E-08
2611	624887.28	4264683.19	2.82E-07	8.94E-08	3.71E-07	2.35E-07	6.70E-08	3.02E-07	5.57E-08	1.71E-08	7.29E-08	4.34E-08	8.25E-09	5.17E-08
2612	624896.31	4264687.08	2.84E-07	9.03E-08	3.74E-07	2.38E-07	6.76E-08	3.05E-07	5.63E-08	1.73E-08	7.35E-08	4.39E-08	8.33E-09	5.22E-08
2613	624905.33	4264690.98	2.87E-07	9.11E-08	3.78E-07	2.40E-07	6.82E-08	3.08E-07	5.68E-08	1.75E-08	7.42E-08	4.43E-08	8.41E-09	5.27E-08
2614	624914.36	4264694.87	2.90E-07	9.20E-08	3.82E-07	2.42E-07	6.89E-08	3.11E-07	5.73E-08	1.76E-08	7.49E-08	4.47E-08	8.49E-09	5.32E-08
2615	624923.38	4264698.76	2.92E-07	9.28E-08	3.85E-07	2.44E-07	6.95E-08	3.14E-07	5.79E-08	1.78E-08	7.57E-08	4.51E-08	8.57E-09	5.37E-08
2616	624932.4	4264702.65	2.95E-07	9.37E-08	3.89E-07	2.47E-07	7.02E-08	3.17E-07	5.84E-08	1.80E-08	7.64E-08	4.55E-08	8.65E-09	5.42E-08
2617	624941.43	4264706.54	2.98E-07	9.46E-08	3.93E-07	2.49E-07	7.09E-08	3.20E-07	5.90E-08	1.81E-08	7.71E-08	4.60E-08	8.73E-09	5.47E-08
2618	624950.45	4264710.44	3.01E-07	9.56E-08	3.96E-07	2.52E-07	7.16E-08	3.23E-07	5.96E-08	1.83E-08	7.79E-08	4.64E-08	8.82E-09	5.53E-08
2619	624959.48	4264714.33	3.04E-07	9.65E-08	4.00E-07	2.54E-07	7.23E-08	3.26E-07	6.02E-08	1.85E-08	7.87E-08	4.69E-08	8.91E-09	5.58E-08
2620	624968.5	4264718.22	3.07E-07	9.75E-08	4.04E-07	2.57E-07	7.30E-08	3.30E-07	6.08E-08	1.87E-08	7.94E-08	4.74E-08	9.00E-09	5.64E-08
2621	624977.52	4264722.11	3.10E-07	9.84E-08	4.08E-07	2.59E-07	7.37E-08	3.33E-07	6.14E-08	1.89E-08	8.02E-08	4.78E-08	9.09E-09	5.69E-08
2622	624986.55	4264726.01	3.13E-07	9.94E-08	4.12E-07	2.62E-07	7.44E-08	3.36E-07	6.20E-08	1.91E-08	8.10E-08	4.83E-08	9.18E-09	5.75E-08
2623	624995.57	4264729.9	3.16E-07	1.00E-07	4.17E-07	2.64E-07	7.52E-08	3.39E-07	6.26E-08	1.92E-08	8.18E-08	4.88E-08	9.27E-09	5.80E-08
2624	625004.6	4264733.79	3.19E-07	1.01E-07	4.21E-07	2.67E-07	7.59E-08	3.43E-07	6.32E-08	1.94E-08	8.26E-08	4.92E-08	9.35E-09	5.86E-08
2625	625013.62	4264737.68	3.22E-07	1.02E-07	4.25E-07	2.69E-07	7.66E-08	3.46E-07	6.38E-08	1.96E-08	8.34E-08	4.97E-08	9.44E-09	5.92E-08
2626	625022.65	4264741.58	3.25E-07	1.03E-07	4.29E-07	2.72E-07	7.73E-08	3.49E-07	6.44E-08	1.98E-08	8.42E-08	5.02E-08	9.53E-09	5.97E-08
2627	625031.67	4264745.47	3.28E-07	1.04E-07	4.33E-07	2.74E-07	7.81E-08	3.52E-07	6.50E-08	2.00E-08	8.50E-08	5.07E-08	9.62E-09	6.03E-08
2628	625040.69	4264749.36	3.31E-07	1.05E-07	4.36E-07	2.77E-07	7.88E-08	3.56E-07	6.56E-08	2.02E-08	8.57E-08	5.11E-08	9.71E-09	6.08E-08
2629	625049.72	4264753.25	3.34E-07	1.06E-07	4.40E-07	2.79E-07	7.94E-08	3.59E-07	6.61E-08	2.03E-08	8.65E-08	5.16E-08	9.79E-09	6.14E-08
2630	625058.74	4264757.14	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.01E-08	3.62E-07	6.67E-08	2.05E-08	8.72E-08	5.20E-08	9.88E-09	6.19E-08
2631	625067.77	4264761.04	3.40E-07	1.08E-07	4.48E-07	2.84E-07	8.08E-08	3.65E-07	6.72E-08	2.07E-08	8.79E-08	5.24E-08	9.96E-09	6.24E-08
2632	625076.79	4264764.93	3.42E-07	1.09E-07	4.51E-07	2.86E-07	8.14E-08	3.67E-07	6.77E-08	2.08E-08	8.86E-08	5.28E-08	1.00E-08	6.28E-08
2633	625085.81	4264768.82	3.45E-07	1.09E-07	4.54E-07	2.88E-07	8.20E-08	3.70E-07	6.82E-08	2.10E-08	8.92E-08	5.32E-08	1.01E-08	6.33E-08
2634	625094.84	4264772.71	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.25E-08	3.73E-07	6.87E-08	2.11E-08	8.98E-08	5.36E-08	1.02E-08	6.37E-08
2635	625103.86	4264776.61	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.30E-08	3.75E-07	6.91E-08	2.12E-08	9.04E-08	5.39E-08	1.02E-08	6.41E-08
2636	625112.89	4264780.5	3.51E-07	1.12E-07	4.63E-07	2.93E-07	8.35E-08	3.77E-07	6.95E-08	2.14E-08	9.09E-08	5.42E-08	1.03E-08	6.45E-08
2637	625121.91	4264784.39	3.53E-07	1.12E-07	4.65E-07	2.95E-07	8.39E-08	3.79E-07	6.98E-08	2.15E-08	9.13E-08	5.45E-08	1.03E-08	6.48E-08
2638	625130.94	4264788.28	3.54E-07	1.13E-07	4.67E-07	2.96E-07	8.43E-08	3.80E-07	7.01E-08	2.16E-08	9.17E-08	5.47E-08	1.04E-08	6.51E-08
2639	625139.96	4264792.18	3.56E-07	1.13E-07	4.69E-07	2.97E-07	8.46E-08	3.82E-07	7.04E-08	2.16E-08	9.21E-08	5.49E-08	1.04E-08	6.53E-08
2640	625148.98	4264796.07	3.57E-07	1.13E-07	4.70E-07	2.98E-07	8.48E-08	3.83E-07	7.06E-08	2.17E-08	9.23E-08	5.51E-08	1.05E-08	6.55E-08
2641	625158.01	4264799.96	3.58E-07	1.14E-07	4.71E-07	2.99E-07	8.50E-08	3.84E-07	7.08E-08	2.18E-08	9.26E-08	5.52E-08	1.05E-08	6.57E-08
2642	625167.03	4264803.85	3.58E-07	1.14E-07	4.72E-07	2.99E-07	8.52E-08	3.85E-07	7.09E-08	2.18E-08	9.27E-08	5.53E-08	1.05E-08	6.58E-08
2643	625176.06	4264807.74	3.59E-07	1.14E-07	4.72E-07	3.00E-07	8.52E-08	3.85E-07	7.10E-08	2.18E-08	9.28E-08	5.53E-08	1.05E-08	6.58E-08
2644	625185.08	4264811.64	3.59E-07	1.14E-07	4.72E-07	3.00E-07	8.53E-08	3.85E-07	7.10E-08	2.18E-08	9.28E-08	5.53E-08	1.05E-08	6.58E-08
2645	625194.1	4264815.53	3.58E-07	1.14E-07	4.72E-07	3.00E-07	8.52E-08	3.85E-07	7.09E-08	2.18E-08	9.28E-08	5.53E-08	1.05E-08	6.58E-08
2646	625203.13	4264819.42	3.58E-07	1.14E-07	4.72E-07	2.99E-07	8.51E-08	3.84E-07	7.09E-08	2.18E-08	9.27E-08	5.52E-08	1.05E-08	6.57E-08
2647	625212.15	4264823.31	3.57E-07	1.13E-07	4.71E-07	2.99E-07	8.50E-08	3.84E-07	7.07E-08	2.17E-08	9.25E-08	5.51E-08	1.05E-08	6.56E-08
2648	625221.18	4264827.21	3.57E-07	1.13E-07	4.70E-07	2.98E-07	8.48E-08	3.83E-07	7.06E-08	2.17E-08	9.23E-08	5.50E-08	1.04E-08	6.55E-08
2649	625230.2	4264831.1	3.55E-07	1.13E-07	4.68E-07	2.97E-07	8.45E-08	3.82E-07	7.03E-08	2.16E-08	9.20E-08	5.48E-08	1.04E-08	6.53E-08
2650	625239.22	4264834.99	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.42E-08	3.80E-07	7.01E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
2651	625248.25	4264838.88	3.52E-07	1.12E-07	4.64E-07	2.95E-07	8.38E-08	3.78E-07	6.98E-08	2.14E-08	9.12E-08	5.44E-08	1.03E-08	6.47E-08
2652	625257.27	4264842.78	3.51E-07	1.11E-07	4.62E-07	2.93E-07	8.34E-08	3.77E-07	6.94E-08	2.13E-08	9.08E-08	5.41E-08	1.03E-08	6.44E-08
2653	625266.3	4264846.67	3.49E-07	1.11E-07	4.59E-07	2.91E-07	8.29E-08	3.74E-07	6.90E-08	2.12E-08	9.02E-08	5.38E-08	1.02E-08	6.40E-08
2654	625275.32	4264850.56	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.24E-08	3.72E-07	6.86E-08	2.11E-08	8.97E-08	5.35E-08	1.02E-08	6.36E-08
2655	625284.35	4264854.45	3.44E-07	1.09E-07	4.53E-07	2.88E-07	8.18E-08	3.70E-07	6.81E-08	2.09E-08	8.91E-08	5.31E-08	1.01E-08	6.32E-08
2656	625293.37	4264858.34	3.42E-07	1.08E-07	4.50E-07	2.86E-07	8.12E-08	3.67E-07	6.76E-08	2.08E-08	8.84E-08	5.27E-08	1.00E-08	6.27E-08
2657	625302.39	4264862.24	3.39E-07	1.08E-07	4.46E-07	2.83E-07	8.06E-08	3.64E-07	6.71E-08	2.06E-08	8.77E-08	5.23E-08	9.93E-09	6.22E-08
2658	625311.42	4264866.13	3.36E-07	1.07E-07	4.43E-07	2.81E-07	7.99E-08	3.61E-07	6.65E-08	2.04E-08	8.70E-08	5.18E-08	9.85E-09	6.17E-08
2659	625320.44	4264870.02	3.33E-07	1.06E-07	4.39E-07	2.78E-07	7.92E-08	3.57E-07	6.59E-08	2.03E-08	8.62E-08	5.14E-08	9.76E-09	6.11E-08
2660	625329.47	4264873.91	3.30E-07	1.05E-07	4.34E-07	2.76E-07	7.84E-08	3.54E-07	6.53E-08	2.01E-08	8.53E-08	5.09E-08	9.66E-09	6.05E-08

2661	625338.49	4264877.81	3.26E-07	1.04E-07	4.30E-07	2.73E-07	7.76E-08	3.50E-07	6.46E-08	1.99E-08	8.45E-08	5.04E-08	9.57E-09	5.99E-08
2662	625347.51	4264881.7	3.23E-07	1.03E-07	4.26E-07	2.70E-07	7.68E-08	3.47E-07	6.39E-08	1.97E-08	8.36E-08	4.98E-08	9.47E-09	5.93E-08
2663	625356.54	4264885.59	3.19E-07	1.01E-07	4.21E-07	2.67E-07	7.60E-08	3.43E-07	6.32E-08	1.94E-08	8.27E-08	4.93E-08	9.36E-09	5.87E-08
2664	625365.56	4264889.48	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.51E-08	3.39E-07	6.25E-08	1.92E-08	8.18E-08	4.88E-08	9.26E-09	5.80E-08
2665	625374.59	4264893.38	3.12E-07	9.92E-08	4.12E-07	2.61E-07	7.43E-08	3.35E-07	6.18E-08	1.90E-08	8.08E-08	4.82E-08	9.15E-09	5.74E-08
2666	625383.61	4264897.27	3.09E-07	9.80E-08	4.07E-07	2.58E-07	7.34E-08	3.31E-07	6.11E-08	1.88E-08	7.99E-08	4.76E-08	9.05E-09	5.67E-08
2667	625392.63	4264901.16	3.05E-07	9.69E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.04E-08	1.86E-08	7.89E-08	4.71E-08	8.94E-09	5.60E-08
2668	625401.66	4264905.05	3.01E-07	9.57E-08	3.97E-07	2.52E-07	7.16E-08	3.23E-07	5.96E-08	1.83E-08	7.80E-08	4.65E-08	8.83E-09	5.53E-08
2669	625410.68	4264908.95	2.97E-07	9.45E-08	3.92E-07	2.49E-07	7.07E-08	3.19E-07	5.89E-08	1.81E-08	7.70E-08	4.59E-08	8.72E-09	5.46E-08
2670	625419.71	4264912.84	2.94E-07	9.32E-08	3.87E-07	2.45E-07	6.98E-08	3.15E-07	5.81E-08	1.79E-08	7.60E-08	4.53E-08	8.61E-09	5.39E-08
2671	625428.73	4264916.73	2.90E-07	9.20E-08	3.82E-07	2.42E-07	6.89E-08	3.11E-07	5.73E-08	1.76E-08	7.50E-08	4.47E-08	8.49E-09	5.32E-08
2672	625437.76	4264920.62	2.86E-07	9.08E-08	3.77E-07	2.39E-07	6.80E-08	3.07E-07	5.66E-08	1.74E-08	7.40E-08	4.41E-08	8.38E-09	5.25E-08
2673	625446.78	4264924.51	2.82E-07	8.96E-08	3.72E-07	2.36E-07	6.71E-08	3.03E-07	5.58E-08	1.72E-08	7.30E-08	4.35E-08	8.27E-09	5.18E-08
2674	625455.8	4264928.41	2.78E-07	8.84E-08	3.67E-07	2.33E-07	6.62E-08	2.99E-07	5.51E-08	1.69E-08	7.20E-08	4.30E-08	8.16E-09	5.11E-08
2675	625464.83	4264932.3	2.75E-07	8.72E-08	3.62E-07	2.30E-07	6.53E-08	2.95E-07	5.44E-08	1.67E-08	7.11E-08	4.24E-08	8.05E-09	5.04E-08
2676	625473.85	4264936.19	2.71E-07	8.61E-08	3.57E-07	2.27E-07	6.45E-08	2.91E-07	5.37E-08	1.65E-08	7.02E-08	4.18E-08	7.95E-09	4.98E-08
2677	625482.88	4264940.08	2.68E-07	8.50E-08	3.53E-07	2.24E-07	6.37E-08	2.87E-07	5.30E-08	1.63E-08	6.93E-08	4.13E-08	7.85E-09	4.92E-08
2678	625491.9	4264943.98	2.64E-07	8.39E-08	3.48E-07	2.21E-07	6.29E-08	2.84E-07	5.23E-08	1.61E-08	6.84E-08	4.08E-08	7.75E-09	4.85E-08
2679	625500.92	4264947.87	2.61E-07	8.29E-08	3.44E-07	2.18E-07	6.21E-08	2.80E-07	5.17E-08	1.59E-08	6.76E-08	4.03E-08	7.65E-09	4.79E-08
2680	625509.95	4264951.76	2.58E-07	8.19E-08	3.40E-07	2.16E-07	6.14E-08	2.77E-07	5.11E-08	1.57E-08	6.68E-08	3.98E-08	7.56E-09	4.74E-08
2681	625518.97	4264955.65	2.55E-07	8.10E-08	3.36E-07	2.13E-07	6.06E-08	2.74E-07	5.05E-08	1.55E-08	6.60E-08	3.93E-08	7.47E-09	4.68E-08
2682	625528	4264959.55	2.52E-07	8.00E-08	3.32E-07	2.11E-07	5.99E-08	2.71E-07	4.99E-08	1.53E-08	6.52E-08	3.89E-08	7.38E-09	4.63E-08
2683	625537.02	4264963.44	2.49E-07	7.91E-08	3.28E-07	2.08E-07	5.92E-08	2.67E-07	4.93E-08	1.52E-08	6.45E-08	3.84E-08	7.30E-09	4.57E-08
2684	625546.05	4264967.33	2.46E-07	7.83E-08	3.25E-07	2.06E-07	5.86E-08	2.65E-07	4.88E-08	1.50E-08	6.38E-08	3.80E-08	7.22E-09	4.52E-08
2685	625555.07	4264971.22	2.44E-07	7.74E-08	3.21E-07	2.04E-07	5.80E-08	2.62E-07	4.83E-08	1.48E-08	6.31E-08	3.76E-08	7.15E-09	4.48E-08
2686	625564.09	4264975.11	2.41E-07	7.66E-08	3.18E-07	2.02E-07	5.74E-08	2.59E-07	4.78E-08	1.47E-08	6.24E-08	3.72E-08	7.07E-09	4.43E-08
2687	625576.73	4264988.14	2.39E-07	7.58E-08	3.15E-07	2.00E-07	5.68E-08	2.56E-07	4.73E-08	1.45E-08	6.18E-08	3.68E-08	7.00E-09	4.38E-08
2688	625580.35	4264997.28	2.39E-07	7.58E-08	3.15E-07	2.00E-07	5.68E-08	2.56E-07	4.73E-08	1.45E-08	6.18E-08	3.68E-08	7.00E-09	4.38E-08
2689	625583.97	4265006.42	2.39E-07	7.59E-08	3.15E-07	2.00E-07	5.68E-08	2.56E-07	4.73E-08	1.45E-08	6.18E-08	3.69E-08	7.00E-09	4.39E-08
2690	625587.59	4265015.56	2.39E-07	7.59E-08	3.15E-07	2.00E-07	5.69E-08	2.57E-07	4.73E-08	1.46E-08	6.19E-08	3.69E-08	7.01E-09	4.39E-08
2691	625591.2	4265024.7	2.39E-07	7.60E-08	3.15E-07	2.00E-07	5.69E-08	2.57E-07	4.74E-08	1.46E-08	6.19E-08	3.69E-08	7.02E-09	4.40E-08
2692	625594.82	4265033.83	2.39E-07	7.60E-08	3.15E-07	2.00E-07	5.69E-08	2.57E-07	4.74E-08	1.46E-08	6.19E-08	3.69E-08	7.02E-09	4.39E-08
2693	625598.44	4265042.97	2.39E-07	7.60E-08	3.15E-07	2.00E-07	5.69E-08	2.57E-07	4.74E-08	1.46E-08	6.19E-08	3.69E-08	7.01E-09	4.39E-08
2694	625602.05	4265052.11	2.39E-07	7.60E-08	3.15E-07	2.00E-07	5.69E-08	2.57E-07	4.74E-08	1.46E-08	6.19E-08	3.69E-08	7.01E-09	4.39E-08
2695	625605.67	4265061.25	2.39E-07	7.60E-08	3.15E-07	2.00E-07	5.69E-08	2.57E-07	4.74E-08	1.46E-08	6.19E-08	3.69E-08	7.01E-09	4.39E-08
2696	625609.29	4265070.39	2.39E-07	7.60E-08	3.15E-07	2.00E-07	5.69E-08	2.57E-07	4.74E-08	1.46E-08	6.19E-08	3.69E-08	7.01E-09	4.39E-08
2697	625612.9	4265079.52	2.39E-07	7.60E-08	3.15E-07	2.00E-07	5.69E-08	2.57E-07	4.73E-08	1.46E-08	6.19E-08	3.69E-08	7.01E-09	4.39E-08
2698	625616.52	4265088.66	2.39E-07	7.59E-08	3.15E-07	2.00E-07	5.68E-08	2.57E-07	4.73E-08	1.45E-08	6.18E-08	3.69E-08	7.00E-09	4.39E-08
2699	625620.14	4265097.8	2.39E-07	7.58E-08	3.15E-07	2.00E-07	5.68E-08	2.56E-07	4.73E-08	1.45E-08	6.18E-08	3.68E-08	7.00E-09	4.38E-08
2700	625623.75	4265106.94	2.38E-07	7.57E-08	3.14E-07	1.99E-07	5.67E-08	2.56E-07	4.72E-08	1.45E-08	6.17E-08	3.68E-08	6.99E-09	4.38E-08
2701	625627.37	4265116.08	2.38E-07	7.56E-08	3.14E-07	1.99E-07	5.66E-08	2.56E-07	4.71E-08	1.45E-08	6.16E-08	3.68E-08	6.98E-09	4.37E-08
2702	625630.99	4265125.21	2.38E-07	7.56E-08	3.14E-07	1.99E-07	5.66E-08	2.56E-07	4.71E-08	1.45E-08	6.16E-08	3.67E-08	6.98E-09	4.37E-08
2703	625634.6	4265134.35	2.38E-07	7.55E-08	3.13E-07	1.99E-07	5.66E-08	2.55E-07	4.71E-08	1.45E-08	6.16E-08	3.67E-08	6.97E-09	4.37E-08
2704	625638.22	4265143.49	2.38E-07	7.55E-08	3.13E-07	1.99E-07	5.65E-08	2.55E-07	4.71E-08	1.45E-08	6.15E-08	3.67E-08	6.97E-09	4.37E-08
2705	625641.84	4265152.63	2.38E-07	7.54E-08	3.13E-07	1.99E-07	5.65E-08	2.55E-07	4.70E-08	1.45E-08	6.15E-08	3.66E-08	6.96E-09	4.36E-08
2706	625645.46	4265161.77	2.37E-07	7.53E-08	3.12E-07	1.98E-07	5.64E-08	2.55E-07	4.69E-08	1.44E-08	6.14E-08	3.66E-08	6.95E-09	4.35E-08
2707	625649.07	4265170.9	2.37E-07	7.52E-08	3.12E-07	1.98E-07	5.63E-08	2.54E-07	4.69E-08	1.44E-08	6.13E-08	3.65E-08	6.94E-09	4.35E-08
2708	625652.69	4265180.04	2.36E-07	7.50E-08	3.11E-07	1.97E-07	5.62E-08	2.54E-07	4.68E-08	1.44E-08	6.11E-08	3.65E-08	6.92E-09	4.34E-08
2709	625656.31	4265189.18	2.36E-07	7.49E-08	3.11E-07	1.97E-07	5.61E-08	2.53E-07	4.67E-08	1.43E-08	6.10E-08	3.64E-08	6.91E-09	4.33E-08
2710	625659.92	4265198.32	2.35E-07	7.47E-08	3.10E-07	1.97E-07	5.59E-08	2.53E-07	4.66E-08	1.43E-08	6.09E-08	3.63E-08	6.89E-09	4.32E-08
2711	625663.54	4265207.46	2.35E-07	7.45E-08	3.09E-07	1.96E-07	5.58E-08	2.52E-07	4.64E-08	1.43E-08	6.07E-08	3.62E-08	6.88E-09	4.31E-08
2712	625667.16	4265216.6	2.34E-07	7.43E-08	3.08E-07	1.96E-07	5.57E-08	2.51E-07	4.63E-08	1.42E-08	6.06E-08	3.61E-08	6.86E-09	4.30E-08
2713	625670.77	4265225.73	2.33E-07	7.41E-08	3.08E-07	1.95E-07	5.55E-08	2.51E-07	4.62E-08	1.42E-08	6.04E-08	3.60E-08	6.84E-09	4.29E-08
2714	625674.39	4265234.87	2.33E-07	7.39E-08	3.07E-07	1.95E-07	5.53E-08	2.50E-07	4.61E-08	1.42E-08	6.02E-08	3.59E-08	6.82E-09	4.27E-08
2715	625678.01	4265244.01	2.32E-07	7.37E-08	3.06E-07	1.94E-07	5.52E-08	2.49E-07	4.59E-08	1.41E-08	6.00E-08	3.58E-08	6.80E-09	4.26E-08
2716	625681.62	4265253.15	2.31E-07	7.34E-08	3.05E-07	1.93E-07	5.50E-08	2.48E-07	4.58E-08	1.41E-08	5.98E-08	3.57E-08	6.78E-09	4.24E-08
2717	625685.24	4265262.29	2.30E-07	7.32E-08	3.04E-07	1.93E-07	5.48E-08	2.47E-07	4.56E-08	1.40E-08	5.96E-08	3.55E-08	6.75E-09	4.23E-08
2718	625688.86	4265271.42	2.30E-07	7.29E-08	3.02E-07	1.92E-07	5.46E-08	2.46E-07	4.54E-08	1.40E-08	5.94E-08	3.54E-08	6.73E-09	4.21E-08
2719	625692.47	4265280.56	2.29E-07	7.26E-08	3.01E-07	1.91E-07	5.44E-08	2.45E-07	4.53E-08	1.39E-08	5.92E-08	3.53E-08	6.70E-09	4.20E-08
2720	625696.09	4265289.7	2.28E-07	7.23E-08	3.00E-07	1.90E-07	5.41E-08	2.44E-07	4.51E-08	1.39E-08	5.89E-08	3.51E-08	6.67E-09	4.18E-08
2721	625699.71	4265298.84	2.27E-07	7.20E-08	2.99E-07	1.90E-07	5.39E-08	2.43E-07	4.49E-08	1.38E-08	5.87E-08	3.50E-08	6.65E-09	4.16E-08
2722	625703.33	4265307.98	2.26E-07	7.17E-08	2.97E-07	1.89E-07	5.37E-08	2.42E-07	4.47E-08	1.37E-08	5.84E-08	3.48E-08	6.62E-09	4.14E-08
2723	625706.94	4265317.11	2.25E-07	7.14E-08	2.96E-07	1.88E-07	5.34E-08	2.41E-07	4.45E-08	1.37E-08	5.81E-08	3.47E-08	6.59E-09	4.13E-08
2724	625710.56	4265326.25	2.24E-07	7.10E-08	2.95E-07	1.87E-07	5.32E-08	2.40E-07	4.43E-08	1.36E-08	5.79E-08	3.45E-08	6.55E-09	4.11E-08
2725	625714.18	4265335.39	2.23E-07	7.07E-08	2.93E-07	1.86E-07	5.29E-08	2.39E-07	4.41E-08	1.35E-08	5.76E-08	3.43E-08	6.52E-09	4.09E-08
2726	625717.79	4265344.53	2.21E-07	7.03E-08	2.92E-07	1.85E-07	5.27E-08	2.38E-07	4.38E-08	1.35E-08	5.73E-08	3.42E-08	6.49E-09	4.07E-08
2727	625721.41	4265353.67	2.20E-07	7.00E-08	2.90E-07	1.84E-07	5.24E-08	2.37E-07	4.36E-08	1.34E-08	5.70E-08	3.40E-08	6.46E-09	4.04E-08
2728	625725.03	4265362.8	2.19E-07	6.96E-08	2.89E-07	1.83E-07	5.21E-08	2.35E-07	4.34E-08	1.33E-08	5.67E-08	3.38E-08	6.42E-09	4.02E-08
2729	625728.64	4265371.94	2.18E-07	6.92E-08	2.87E-07	1.82E-07	5.18E-08	2.34E-07	4.31E-08	1.33E-08	5.64E-08	3.36E-08	6.39E-09	4.00E-08
2730	625732.26	4265381.08	2.17E-07	6.89E-08	2.86E-07	1.81E-07	5.16E-08	2.33E-07	4.29E-08	1.32E-08	5.61E-08	3.35E-08	6.35E-09	3.98E-08
2731	625735.88	4265390.22	2.16E-07	6.85E-08	2.84E-07	1.80E-07	5.13E-08	2.32E-07	4.27E-08	1.31E-08	5.58E-08	3.33E-08	6.32E-09	3.96E-08
2732	625739.49	4265399.36	2.14E-07	6.81E-08	2.83E-07	1.79E-07	5.10E-08	2.30E-07	4.24E-08	1.30E-08	5.55E-08	3.31E-08	6.28E-09	3.94E-08
2733	625743.11	4265408.49	2.13E-07	6.77E-08	2.81E-07	1.78E-07	5.07E-08	2.29E-07	4.22E-08	1.30E-08	5.52E-08	3.29E-08	6.25E-09	3.92E-08
2734	625746.73	4265417.63	2.12E-07	6.73E-08	2.79E-07	1.77E-07	5.04E-08	2.28E-07	4.20E-08	1.29E-08	5.49E-08	3.27E-08	6.22E-09	3.89E-08

2735	625750.34	4265426.77	2.11E-07	6.70E-08	2.78E-07	1.76E-07	5.01E-08	2.26E-07	4.17E-08	1.28E-08	5.46E-08	3.25E-08	6.18E-09	3.87E-08
2736	625753.96	4265435.91	2.10E-07	6.66E-08	2.76E-07	1.75E-07	4.98E-08	2.25E-07	4.15E-08	1.28E-08	5.43E-08	3.23E-08	6.14E-09	3.85E-08
2737	625757.58	4265445.05	2.08E-07	6.62E-08	2.75E-07	1.74E-07	4.96E-08	2.24E-07	4.13E-08	1.27E-08	5.39E-08	3.22E-08	6.11E-09	3.83E-08
2738	625761.2	4265454.18	2.07E-07	6.58E-08	2.73E-07	1.73E-07	4.93E-08	2.22E-07	4.10E-08	1.26E-08	5.36E-08	3.20E-08	6.07E-09	3.80E-08
2739	625764.81	4265463.32	2.06E-07	6.54E-08	2.71E-07	1.72E-07	4.90E-08	2.21E-07	4.08E-08	1.25E-08	5.33E-08	3.18E-08	6.04E-09	3.78E-08
2740	625768.43	4265472.46	2.05E-07	6.50E-08	2.70E-07	1.71E-07	4.87E-08	2.20E-07	4.05E-08	1.25E-08	5.30E-08	3.16E-08	6.00E-09	3.76E-08
2741	625772.05	4265481.6	2.03E-07	6.46E-08	2.68E-07	1.70E-07	4.84E-08	2.18E-07	4.03E-08	1.24E-08	5.26E-08	3.14E-08	5.96E-09	3.73E-08
2742	625775.66	4265490.74	2.02E-07	6.42E-08	2.66E-07	1.69E-07	4.80E-08	2.17E-07	4.00E-08	1.23E-08	5.23E-08	3.12E-08	5.92E-09	3.71E-08
2743	625779.28	4265499.87	2.01E-07	6.37E-08	2.64E-07	1.68E-07	4.77E-08	2.15E-07	3.97E-08	1.22E-08	5.19E-08	3.10E-08	5.88E-09	3.68E-08
2744	625782.9	4265509.01	1.99E-07	6.33E-08	2.63E-07	1.67E-07	4.74E-08	2.14E-07	3.94E-08	1.21E-08	5.16E-08	3.07E-08	5.84E-09	3.66E-08
2745	625786.51	4265518.15	1.98E-07	6.28E-08	2.61E-07	1.65E-07	4.70E-08	2.12E-07	3.92E-08	1.20E-08	5.12E-08	3.05E-08	5.80E-09	3.63E-08
2746	625790.13	4265527.29	1.96E-07	6.24E-08	2.59E-07	1.64E-07	4.67E-08	2.11E-07	3.89E-08	1.20E-08	5.08E-08	3.03E-08	5.76E-09	3.61E-08
2747	625793.75	4265536.43	1.95E-07	6.19E-08	2.57E-07	1.63E-07	4.63E-08	2.09E-07	3.86E-08	1.19E-08	5.04E-08	3.01E-08	5.71E-09	3.58E-08
2748	625797.36	4265545.56	1.93E-07	6.14E-08	2.55E-07	1.62E-07	4.60E-08	2.08E-07	3.83E-08	1.18E-08	5.01E-08	2.98E-08	5.67E-09	3.55E-08
2749	625800.98	4265554.7	1.92E-07	6.10E-08	2.53E-07	1.60E-07	4.56E-08	2.06E-07	3.80E-08	1.17E-08	4.97E-08	2.96E-08	5.63E-09	3.52E-08
2750	625804.6	4265563.84	1.90E-07	6.05E-08	2.51E-07	1.59E-07	4.53E-08	2.04E-07	3.77E-08	1.16E-08	4.93E-08	2.94E-08	5.58E-09	3.50E-08
2751	625808.22	4265572.98	1.89E-07	6.00E-08	2.49E-07	1.58E-07	4.49E-08	2.03E-07	3.74E-08	1.15E-08	4.89E-08	2.91E-08	5.53E-09	3.47E-08
2752	625811.83	4265582.12	1.87E-07	5.94E-08	2.47E-07	1.56E-07	4.45E-08	2.01E-07	3.70E-08	1.14E-08	4.84E-08	2.89E-08	5.48E-09	3.44E-08
2753	625815.45	4265591.25	1.85E-07	5.89E-08	2.44E-07	1.55E-07	4.41E-08	1.99E-07	3.67E-08	1.13E-08	4.80E-08	2.86E-08	5.43E-09	3.40E-08
2754	625819.07	4265600.39	1.84E-07	5.83E-08	2.42E-07	1.54E-07	4.37E-08	1.97E-07	3.64E-08	1.12E-08	4.75E-08	2.83E-08	5.38E-09	3.37E-08
2755	625822.68	4265609.53	1.82E-07	5.78E-08	2.40E-07	1.52E-07	4.33E-08	1.95E-07	3.60E-08	1.11E-08	4.71E-08	2.81E-08	5.33E-09	3.34E-08
2756	625826.3	4265618.67	1.80E-07	5.72E-08	2.37E-07	1.51E-07	4.28E-08	1.93E-07	3.56E-08	1.10E-08	4.66E-08	2.78E-08	5.28E-09	3.31E-08
2757	625829.92	4265627.81	1.78E-07	5.66E-08	2.35E-07	1.49E-07	4.24E-08	1.91E-07	3.53E-08	1.08E-08	4.61E-08	2.75E-08	5.22E-09	3.27E-08
2758	625833.53	4265636.94	1.76E-07	5.60E-08	2.32E-07	1.47E-07	4.19E-08	1.89E-07	3.49E-08	1.07E-08	4.56E-08	2.72E-08	5.17E-09	3.24E-08
2759	625837.15	4265646.08	1.74E-07	5.54E-08	2.30E-07	1.46E-07	4.15E-08	1.87E-07	3.45E-08	1.06E-08	4.51E-08	2.69E-08	5.11E-09	3.20E-08
2760	625840.77	4265655.22	1.73E-07	5.48E-08	2.27E-07	1.44E-07	4.10E-08	1.85E-07	3.41E-08	1.05E-08	4.46E-08	2.66E-08	5.06E-09	3.17E-08
2761	625844.38	4265664.36	1.71E-07	5.42E-08	2.25E-07	1.43E-07	4.06E-08	1.83E-07	3.38E-08	1.04E-08	4.41E-08	2.63E-08	5.00E-09	3.13E-08
2762	625848	4265673.5	1.69E-07	5.35E-08	2.22E-07	1.41E-07	4.01E-08	1.81E-07	3.34E-08	1.03E-08	4.36E-08	2.60E-08	4.94E-09	3.10E-08
2763	625851.62	4265682.63	1.67E-07	5.29E-08	2.20E-07	1.39E-07	3.96E-08	1.79E-07	3.30E-08	1.01E-08	4.31E-08	2.57E-08	4.88E-09	3.06E-08
2764	624869.24	4264675.41	2.76E-07	8.78E-08	3.64E-07	2.31E-07	6.57E-08	2.97E-07	5.47E-08	1.68E-08	7.15E-08	4.26E-08	8.10E-09	5.07E-08
2765	624859.33	4264675.27	2.75E-07	8.75E-08	3.63E-07	2.30E-07	6.55E-08	2.96E-07	5.45E-08	1.68E-08	7.13E-08	4.25E-08	8.07E-09	5.06E-08
2766	624849.42	4264675.13	2.74E-07	8.72E-08	3.62E-07	2.29E-07	6.53E-08	2.95E-07	5.43E-08	1.67E-08	7.10E-08	4.24E-08	8.04E-09	5.04E-08
2767	624839.51	4264674.99	2.74E-07	8.69E-08	3.60E-07	2.29E-07	6.50E-08	2.94E-07	5.42E-08	1.66E-08	7.08E-08	4.22E-08	8.02E-09	5.02E-08
2768	624829.6	4264674.86	2.73E-07	8.66E-08	3.59E-07	2.28E-07	6.48E-08	2.93E-07	5.40E-08	1.66E-08	7.06E-08	4.21E-08	7.99E-09	5.01E-08
2769	624819.69	4264674.72	2.72E-07	8.63E-08	3.58E-07	2.27E-07	6.46E-08	2.92E-07	5.38E-08	1.65E-08	7.04E-08	4.20E-08	7.97E-09	4.99E-08
2770	624809.78	4264674.58	2.71E-07	8.61E-08	3.57E-07	2.27E-07	6.45E-08	2.91E-07	5.37E-08	1.65E-08	7.02E-08	4.18E-08	7.95E-09	4.98E-08
2771	624799.87	4264674.44	2.70E-07	8.58E-08	3.56E-07	2.26E-07	6.43E-08	2.90E-07	5.35E-08	1.64E-08	6.99E-08	4.17E-08	7.92E-09	4.96E-08
2772	624789.96	4264674.31	2.69E-07	8.56E-08	3.55E-07	2.25E-07	6.41E-08	2.89E-07	5.33E-08	1.64E-08	6.97E-08	4.16E-08	7.90E-09	4.95E-08
2773	624780.06	4264674.17	2.69E-07	8.53E-08	3.54E-07	2.25E-07	6.39E-08	2.89E-07	5.32E-08	1.64E-08	6.95E-08	4.15E-08	7.88E-09	4.93E-08
2774	624770.15	4264674.03	2.68E-07	8.51E-08	3.53E-07	2.24E-07	6.37E-08	2.88E-07	5.30E-08	1.63E-08	6.93E-08	4.13E-08	7.85E-09	4.92E-08
2775	624760.24	4264673.89	2.67E-07	8.49E-08	3.52E-07	2.23E-07	6.35E-08	2.87E-07	5.29E-08	1.63E-08	6.91E-08	4.12E-08	7.83E-09	4.91E-08
2776	624750.33	4264673.76	2.66E-07	8.46E-08	3.51E-07	2.23E-07	6.34E-08	2.86E-07	5.27E-08	1.62E-08	6.89E-08	4.11E-08	7.81E-09	4.89E-08
2777	624740.42	4264673.62	2.66E-07	8.44E-08	3.50E-07	2.22E-07	6.32E-08	2.85E-07	5.26E-08	1.62E-08	6.88E-08	4.10E-08	7.79E-09	4.88E-08
2778	624730.51	4264673.48	2.65E-07	8.41E-08	3.49E-07	2.21E-07	6.30E-08	2.84E-07	5.24E-08	1.61E-08	6.86E-08	4.09E-08	7.77E-09	4.87E-08
2779	624720.6	4264673.35	2.64E-07	8.39E-08	3.48E-07	2.21E-07	6.28E-08	2.84E-07	5.23E-08	1.61E-08	6.84E-08	4.08E-08	7.74E-09	4.85E-08
2780	624710.69	4264673.21	2.63E-07	8.37E-08	3.47E-07	2.20E-07	6.26E-08	2.83E-07	5.22E-08	1.60E-08	6.82E-08	4.07E-08	7.72E-09	4.84E-08
2781	624700.79	4264673.07	2.63E-07	8.34E-08	3.46E-07	2.20E-07	6.25E-08	2.82E-07	5.20E-08	1.60E-08	6.80E-08	4.05E-08	7.70E-09	4.82E-08
2782	624690.88	4264672.93	2.62E-07	8.32E-08	3.45E-07	2.19E-07	6.23E-08	2.81E-07	5.18E-08	1.59E-08	6.78E-08	4.04E-08	7.67E-09	4.81E-08
2783	624680.97	4264672.8	2.61E-07	8.29E-08	3.44E-07	2.18E-07	6.21E-08	2.80E-07	5.17E-08	1.59E-08	6.75E-08	4.03E-08	7.65E-09	4.79E-08
2784	624671.06	4264672.66	2.60E-07	8.26E-08	3.43E-07	2.17E-07	6.18E-08	2.79E-07	5.15E-08	1.58E-08	6.73E-08	4.01E-08	7.62E-09	4.77E-08
2785	624661.15	4264672.52	2.59E-07	8.23E-08	3.41E-07	2.16E-07	6.16E-08	2.78E-07	5.13E-08	1.58E-08	6.70E-08	4.00E-08	7.59E-09	4.76E-08
2786	624651.24	4264672.38	2.58E-07	8.19E-08	3.40E-07	2.16E-07	6.13E-08	2.77E-07	5.10E-08	1.57E-08	6.67E-08	3.98E-08	7.56E-09	4.74E-08
2787	624641.33	4264672.25	2.57E-07	8.15E-08	3.38E-07	2.15E-07	6.10E-08	2.76E-07	5.08E-08	1.56E-08	6.64E-08	3.96E-08	7.52E-09	4.71E-08
2788	624631.42	4264672.11	2.55E-07	8.11E-08	3.36E-07	2.13E-07	6.07E-08	2.74E-07	5.05E-08	1.55E-08	6.61E-08	3.94E-08	7.48E-09	4.69E-08
2789	624621.52	4264671.97	2.54E-07	8.06E-08	3.35E-07	2.12E-07	6.04E-08	2.73E-07	5.03E-08	1.54E-08	6.57E-08	3.92E-08	7.44E-09	4.66E-08
2790	624611.61	4264671.83	2.52E-07	8.01E-08	3.32E-07	2.11E-07	6.00E-08	2.71E-07	4.99E-08	1.54E-08	6.53E-08	3.89E-08	7.40E-09	4.63E-08
2791	624601.7	4264671.7	2.51E-07	7.96E-08	3.30E-07	2.09E-07	5.96E-08	2.69E-07	4.96E-08	1.52E-08	6.49E-08	3.87E-08	7.35E-09	4.60E-08
2792	624591.79	4264671.56	2.49E-07	7.90E-08	3.28E-07	2.08E-07	5.92E-08	2.67E-07	4.93E-08	1.51E-08	6.44E-08	3.84E-08	7.29E-09	4.57E-08
2793	624581.88	4264671.42	2.47E-07	7.84E-08	3.25E-07	2.06E-07	5.87E-08	2.65E-07	4.89E-08	1.50E-08	6.39E-08	3.81E-08	7.24E-09	4.54E-08
2794	624571.97	4264671.28	2.45E-07	7.78E-08	3.23E-07	2.05E-07	5.83E-08	2.63E-07	4.85E-08	1.49E-08	6.34E-08	3.78E-08	7.18E-09	4.50E-08
2795	624562.06	4264671.15	2.43E-07	7.72E-08	3.20E-07	2.03E-07	5.78E-08	2.61E-07	4.81E-08	1.48E-08	6.29E-08	3.75E-08	7.13E-09	4.46E-08
2796	624552.15	4264671.01	2.41E-07	7.66E-08	3.18E-07	2.01E-07	5.73E-08	2.59E-07	4.77E-08	1.47E-08	6.24E-08	3.72E-08	7.07E-09	4.43E-08
2797	624542.24	4264670.87	2.39E-07	7.59E-08	3.15E-07	2.00E-07	5.68E-08	2.56E-07	4.73E-08	1.45E-08	6.18E-08	3.69E-08	7.00E-09	4.39E-08
2798	624532.34	4264670.73	2.37E-07	7.52E-08	3.12E-07	1.98E-07	5.63E-08	2.54E-07	4.69E-08	1.44E-08	6.13E-08	3.65E-08	6.94E-09	4.35E-08
2799	624522.43	4264670.6	2.34E-07	7.45E-08	3.09E-07	1.96E-07	5.58E-08	2.52E-07	4.64E-08	1.43E-08	6.07E-08	3.62E-08	6.87E-09	4.31E-08
2800	624512.52	4264670.46	2.32E-07	7.37E-08	3.06E-07	1.94E-07	5.52E-08	2.49E-07	4.60E-08	1.41E-08	6.01E-08	3.58E-08	6.81E-09	4.26E-08
2801	624502.61	4264670.32	2.30E-07	7.30E-08	3.03E-07	1.92E-07	5.47E-08	2.47E-07	4.55E-08	1.40E-08	5.95E-08	3.55E-08	6.74E-09	4.22E-08
2802	624492.7	4264670.18	2.28E-07	7.23E-08	3.00E-07	1.90E-07	5.41E-08	2.44E-07	4.50E-08	1.38E-08	5.89E-08	3.51E-08	6.67E-09	4.18E-08
2803	624482.79	4264670.05	2.25E-07	7.15E-08	2.97E-07	1.88E-07	5.35E-08	2.42E-07	4.46E-08	1.37E-08	5.83E-08	3.47E-08	6.60E-09	4.13E-08
2804	624472.88	4264669.91	2.23E-07	7.08E-08	2.94E-07	1.86E-07	5.30E-08	2.39E-07	4.41E-08	1.36E-08	5.77E-08	3.44E-08	6.53E-09	4.09E-08
2805	624462.97	4264669.77	2.21E-07	7.01E-08	2.91E-07	1.84E-07	5.25E-08	2.37E-07	4.37E-08	1.34E-08	5.71E-08	3.40E-08	6.47E-09	4.05E-08
2806	624453.07	4264669.64	2.18E-07	6.94E-08	2.88E-07	1.83E-07	5.19E-08	2.35E-07	4.32E-08	1.33E-08	5.65E-08	3.37E-08	6.40E-09	4.01E-08
2807	624443.16	4264669.5	2.16E-07	6.87E-08	2.85E-07	1.81E-07	5.14E-08	2.32E-07	4.28E-08	1.32E-08	5.60E-08	3.34E-08	6.34E-09	3.97E-08
2808	624433.25	4264669.36	2.14E-07	6.80E-08	2.82E-07	1.79E-07	5.09E-08	2.30E-07	4.24E-08	1.30E-08	5.54E-08	3.31E-08	6.28E-09	3.93E-08

2809	624423.34	4264669.22	2.12E-07	6.74E-08	2.79E-07	1.77E-07	5.04E-08	2.28E-07	4.20E-08	1.29E-08	5.49E-08	3.27E-08	6.22E-09	3.89E-08
2810	624413.43	4264669.09	2.10E-07	6.67E-08	2.77E-07	1.76E-07	5.00E-08	2.26E-07	4.16E-08	1.28E-08	5.44E-08	3.24E-08	6.16E-09	3.86E-08
2811	624403.52	4264668.95	2.08E-07	6.61E-08	2.74E-07	1.74E-07	4.95E-08	2.23E-07	4.12E-08	1.27E-08	5.39E-08	3.21E-08	6.10E-09	3.82E-08
2812	624393.61	4264668.81	2.06E-07	6.55E-08	2.72E-07	1.72E-07	4.90E-08	2.21E-07	4.08E-08	1.25E-08	5.33E-08	3.18E-08	6.04E-09	3.79E-08
2813	624383.7	4264668.67	2.04E-07	6.49E-08	2.69E-07	1.71E-07	4.86E-08	2.19E-07	4.04E-08	1.24E-08	5.29E-08	3.15E-08	5.99E-09	3.75E-08
2814	624373.8	4264668.54	2.02E-07	6.43E-08	2.67E-07	1.69E-07	4.81E-08	2.17E-07	4.01E-08	1.23E-08	5.24E-08	3.12E-08	5.93E-09	3.72E-08
2815	624879.62	4264579.3	2.42E-07	7.68E-08	3.19E-07	2.02E-07	5.75E-08	2.60E-07	4.79E-08	1.47E-08	6.26E-08	3.73E-08	7.09E-09	4.44E-08
2816	624888.63	4264583.18	2.44E-07	7.74E-08	3.21E-07	2.04E-07	5.80E-08	2.62E-07	4.83E-08	1.48E-08	6.31E-08	3.76E-08	7.14E-09	4.48E-08
2817	624897.63	4264587.07	2.46E-07	7.81E-08	3.24E-07	2.05E-07	5.84E-08	2.64E-07	4.86E-08	1.50E-08	6.36E-08	3.79E-08	7.20E-09	4.51E-08
2818	624906.63	4264590.95	2.48E-07	7.87E-08	3.27E-07	2.07E-07	5.89E-08	2.66E-07	4.91E-08	1.51E-08	6.41E-08	3.82E-08	7.26E-09	4.55E-08
2819	624915.64	4264594.83	2.50E-07	7.94E-08	3.29E-07	2.09E-07	5.94E-08	2.68E-07	4.95E-08	1.52E-08	6.47E-08	3.86E-08	7.33E-09	4.59E-08
2820	624924.64	4264598.72	2.52E-07	8.01E-08	3.32E-07	2.11E-07	6.00E-08	2.71E-07	4.99E-08	1.53E-08	6.53E-08	3.89E-08	7.39E-09	4.63E-08
2821	624933.64	4264602.6	2.54E-07	8.08E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.03E-08	1.55E-08	6.58E-08	3.93E-08	7.46E-09	4.67E-08
2822	624942.65	4264606.48	2.57E-07	8.15E-08	3.38E-07	2.15E-07	6.10E-08	2.76E-07	5.08E-08	1.56E-08	6.64E-08	3.96E-08	7.52E-09	4.71E-08
2823	624951.65	4264610.37	2.59E-07	8.22E-08	3.41E-07	2.16E-07	6.16E-08	2.78E-07	5.13E-08	1.58E-08	6.70E-08	4.00E-08	7.59E-09	4.75E-08
2824	624960.65	4264614.25	2.61E-07	8.30E-08	3.44E-07	2.18E-07	6.21E-08	2.81E-07	5.17E-08	1.59E-08	6.76E-08	4.03E-08	7.66E-09	4.80E-08
2825	624969.66	4264618.13	2.64E-07	8.37E-08	3.47E-07	2.20E-07	6.27E-08	2.83E-07	5.22E-08	1.60E-08	6.82E-08	4.07E-08	7.73E-09	4.84E-08
2826	624978.66	4264622.01	2.66E-07	8.45E-08	3.51E-07	2.22E-07	6.33E-08	2.86E-07	5.27E-08	1.62E-08	6.89E-08	4.11E-08	7.80E-09	4.89E-08
2827	624987.66	4264625.9	2.69E-07	8.53E-08	3.54E-07	2.25E-07	6.39E-08	2.88E-07	5.32E-08	1.63E-08	6.95E-08	4.15E-08	7.87E-09	4.93E-08
2828	624996.67	4264629.78	2.71E-07	8.61E-08	3.57E-07	2.27E-07	6.45E-08	2.91E-07	5.37E-08	1.65E-08	7.02E-08	4.18E-08	7.95E-09	4.98E-08
2829	625005.67	4264633.66	2.74E-07	8.69E-08	3.61E-07	2.29E-07	6.51E-08	2.94E-07	5.42E-08	1.67E-08	7.08E-08	4.22E-08	8.02E-09	5.03E-08
2830	625014.67	4264637.55	2.76E-07	8.78E-08	3.64E-07	2.31E-07	6.57E-08	2.97E-07	5.47E-08	1.68E-08	7.15E-08	4.26E-08	8.10E-09	5.07E-08
2831	625023.68	4264641.43	2.79E-07	8.86E-08	3.68E-07	2.33E-07	6.63E-08	3.00E-07	5.52E-08	1.70E-08	7.22E-08	4.31E-08	8.18E-09	5.12E-08
2832	625032.68	4264645.31	2.82E-07	8.95E-08	3.71E-07	2.35E-07	6.70E-08	3.02E-07	5.58E-08	1.71E-08	7.29E-08	4.35E-08	8.26E-09	5.17E-08
2833	625041.68	4264649.2	2.84E-07	9.03E-08	3.75E-07	2.38E-07	6.76E-08	3.05E-07	5.63E-08	1.73E-08	7.36E-08	4.39E-08	8.33E-09	5.22E-08
2834	625050.68	4264653.08	2.87E-07	9.12E-08	3.78E-07	2.40E-07	6.83E-08	3.08E-07	5.68E-08	1.75E-08	7.43E-08	4.43E-08	8.41E-09	5.27E-08
2835	625059.69	4264656.96	2.90E-07	9.20E-08	3.82E-07	2.42E-07	6.89E-08	3.11E-07	5.73E-08	1.76E-08	7.50E-08	4.47E-08	8.49E-09	5.32E-08
2836	625068.69	4264660.85	2.92E-07	9.29E-08	3.85E-07	2.44E-07	6.95E-08	3.14E-07	5.79E-08	1.78E-08	7.57E-08	4.51E-08	8.57E-09	5.37E-08
2837	625077.69	4264664.73	2.95E-07	9.37E-08	3.89E-07	2.47E-07	7.01E-08	3.17E-07	5.84E-08	1.79E-08	7.63E-08	4.55E-08	8.65E-09	5.42E-08
2838	625086.7	4264668.61	2.98E-07	9.45E-08	3.92E-07	2.49E-07	7.07E-08	3.19E-07	5.89E-08	1.81E-08	7.70E-08	4.59E-08	8.72E-09	5.46E-08
2839	625095.7	4264672.5	3.00E-07	9.53E-08	3.95E-07	2.51E-07	7.13E-08	3.22E-07	5.94E-08	1.83E-08	7.76E-08	4.63E-08	8.79E-09	5.51E-08
2840	625104.7	4264676.38	3.02E-07	9.60E-08	3.98E-07	2.53E-07	7.19E-08	3.25E-07	5.99E-08	1.84E-08	7.83E-08	4.67E-08	8.86E-09	5.55E-08
2841	625113.71	4264680.26	3.05E-07	9.68E-08	4.01E-07	2.55E-07	7.25E-08	3.27E-07	6.03E-08	1.85E-08	7.89E-08	4.70E-08	8.93E-09	5.59E-08
2842	625122.71	4264684.15	3.07E-07	9.75E-08	4.04E-07	2.57E-07	7.30E-08	3.29E-07	6.07E-08	1.87E-08	7.94E-08	4.74E-08	8.99E-09	5.63E-08
2843	625131.71	4264688.03	3.09E-07	9.81E-08	4.07E-07	2.58E-07	7.35E-08	3.32E-07	6.12E-08	1.88E-08	8.00E-08	4.77E-08	9.06E-09	5.67E-08
2844	625140.72	4264691.91	3.11E-07	9.87E-08	4.10E-07	2.60E-07	7.39E-08	3.34E-07	6.15E-08	1.89E-08	8.04E-08	4.80E-08	9.11E-09	5.71E-08
2845	625149.72	4264695.8	3.13E-07	9.93E-08	4.12E-07	2.61E-07	7.43E-08	3.36E-07	6.19E-08	1.90E-08	8.09E-08	4.82E-08	9.16E-09	5.74E-08
2846	625158.72	4264699.68	3.14E-07	9.98E-08	4.14E-07	2.63E-07	7.47E-08	3.37E-07	6.22E-08	1.91E-08	8.13E-08	4.85E-08	9.21E-09	5.77E-08
2847	625167.73	4264703.56	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.50E-08	3.39E-07	6.25E-08	1.92E-08	8.17E-08	4.87E-08	9.25E-09	5.79E-08
2848	625176.73	4264707.45	3.17E-07	1.01E-07	4.17E-07	2.65E-07	7.53E-08	3.40E-07	6.27E-08	1.93E-08	8.20E-08	4.89E-08	9.28E-09	5.82E-08
2849	625185.73	4264711.33	3.18E-07	1.01E-07	4.19E-07	2.66E-07	7.56E-08	3.41E-07	6.29E-08	1.93E-08	8.22E-08	4.90E-08	9.31E-09	5.84E-08
2850	625194.73	4264715.21	3.19E-07	1.01E-07	4.20E-07	2.66E-07	7.57E-08	3.42E-07	6.31E-08	1.94E-08	8.24E-08	4.92E-08	9.34E-09	5.85E-08
2851	625203.74	4264719.1	3.19E-07	1.01E-07	4.21E-07	2.67E-07	7.59E-08	3.43E-07	6.32E-08	1.94E-08	8.26E-08	4.93E-08	9.36E-09	5.86E-08
2852	625212.74	4264722.98	3.20E-07	1.02E-07	4.21E-07	2.67E-07	7.60E-08	3.43E-07	6.33E-08	1.95E-08	8.27E-08	4.93E-08	9.37E-09	5.87E-08
2853	625221.74	4264726.86	3.20E-07	1.02E-07	4.22E-07	2.67E-07	7.61E-08	3.44E-07	6.33E-08	1.95E-08	8.28E-08	4.94E-08	9.38E-09	5.87E-08
2854	625230.75	4264730.75	3.20E-07	1.02E-07	4.22E-07	2.68E-07	7.61E-08	3.44E-07	6.33E-08	1.95E-08	8.28E-08	4.94E-08	9.38E-09	5.88E-08
2855	625239.75	4264734.63	3.20E-07	1.02E-07	4.21E-07	2.67E-07	7.61E-08	3.43E-07	6.33E-08	1.95E-08	8.28E-08	4.94E-08	9.37E-09	5.87E-08
2856	625248.75	4264738.51	3.19E-07	1.01E-07	4.21E-07	2.67E-07	7.60E-08	3.43E-07	6.32E-08	1.94E-08	8.27E-08	4.93E-08	9.36E-09	5.87E-08
2857	625257.76	4264742.4	3.19E-07	1.01E-07	4.20E-07	2.67E-07	7.58E-08	3.42E-07	6.31E-08	1.94E-08	8.25E-08	4.92E-08	9.35E-09	5.85E-08
2858	625266.76	4264746.28	3.18E-07	1.01E-07	4.19E-07	2.66E-07	7.56E-08	3.42E-07	6.30E-08	1.94E-08	8.23E-08	4.91E-08	9.32E-09	5.84E-08
2859	625275.76	4264750.16	3.17E-07	1.01E-07	4.18E-07	2.65E-07	7.54E-08	3.41E-07	6.28E-08	1.93E-08	8.21E-08	4.89E-08	9.30E-09	5.82E-08
2860	625284.77	4264754.05	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.51E-08	3.39E-07	6.25E-08	1.92E-08	8.18E-08	4.88E-08	9.26E-09	5.80E-08
2861	625293.77	4264757.93	3.15E-07	9.99E-08	4.15E-07	2.63E-07	7.48E-08	3.38E-07	6.23E-08	1.91E-08	8.14E-08	4.86E-08	9.22E-09	5.78E-08
2862	625302.77	4264761.81	3.13E-07	9.95E-08	4.13E-07	2.62E-07	7.45E-08	3.36E-07	6.20E-08	1.91E-08	8.10E-08	4.83E-08	9.18E-09	5.75E-08
2863	625311.78	4264765.7	3.12E-07	9.89E-08	4.10E-07	2.60E-07	7.41E-08	3.34E-07	6.17E-08	1.90E-08	8.06E-08	4.81E-08	9.13E-09	5.72E-08
2864	625320.78	4264769.58	3.10E-07	9.84E-08	4.08E-07	2.59E-07	7.36E-08	3.32E-07	6.13E-08	1.88E-08	8.01E-08	4.78E-08	9.08E-09	5.69E-08
2865	625329.78	4264773.46	3.08E-07	9.77E-08	4.05E-07	2.57E-07	7.32E-08	3.30E-07	6.09E-08	1.87E-08	7.96E-08	4.75E-08	9.02E-09	5.65E-08
2866	625338.79	4264777.35	3.06E-07	9.70E-08	4.03E-07	2.55E-07	7.26E-08	3.28E-07	6.05E-08	1.86E-08	7.91E-08	4.71E-08	8.95E-09	5.61E-08
2867	625347.79	4264781.23	3.03E-07	9.63E-08	4.00E-07	2.53E-07	7.21E-08	3.26E-07	6.00E-08	1.85E-08	7.85E-08	4.68E-08	8.89E-09	5.57E-08
2868	625356.79	4264785.11	3.01E-07	9.55E-08	3.96E-07	2.51E-07	7.15E-08	3.23E-07	5.95E-08	1.83E-08	7.78E-08	4.64E-08	8.82E-09	5.52E-08
2869	625365.79	4264789	2.98E-07	9.47E-08	3.93E-07	2.49E-07	7.09E-08	3.20E-07	5.90E-08	1.81E-08	7.72E-08	4.60E-08	8.74E-09	5.48E-08
2870	625374.8	4264792.88	2.96E-07	9.39E-08	3.89E-07	2.47E-07	7.03E-08	3.17E-07	5.85E-08	1.80E-08	7.65E-08	4.56E-08	8.66E-09	5.43E-08
2871	625383.8	4264796.76	2.93E-07	9.29E-08	3.86E-07	2.45E-07	6.96E-08	3.14E-07	5.79E-08	1.78E-08	7.57E-08	4.52E-08	8.58E-09	5.37E-08
2872	625392.8	4264800.64	2.90E-07	9.20E-08	3.82E-07	2.42E-07	6.89E-08	3.11E-07	5.73E-08	1.76E-08	7.50E-08	4.47E-08	8.49E-09	5.32E-08
2873	625401.81	4264804.53	2.87E-07	9.11E-08	3.78E-07	2.40E-07	6.82E-08	3.08E-07	5.68E-08	1.74E-08	7.42E-08	4.42E-08	8.40E-09	5.26E-08
2874	625410.81	4264808.41	2.84E-07	9.01E-08	3.74E-07	2.37E-07	6.75E-08	3.05E-07	5.62E-08	1.73E-08	7.34E-08	4.38E-08	8.31E-09	5.21E-08
2875	625419.81	4264812.29	2.80E-07	8.91E-08	3.70E-07	2.34E-07	6.67E-08	3.01E-07	5.55E-08	1.71E-08	7.26E-08	4.33E-08	8.22E-09	5.15E-08
2876	625428.82	4264816.18	2.77E-07	8.80E-08	3.65E-07	2.32E-07	6.59E-08	2.98E-07	5.49E-08	1.69E-08	7.17E-08	4.28E-08	8.12E-09	5.09E-08
2877	625437.82	4264820.06	2.74E-07	8.70E-08	3.61E-07	2.29E-07	6.51E-08	2.94E-07	5.42E-08	1.67E-08	7.09E-08	4.23E-08	8.03E-09	5.03E-08
2878	625446.82	4264823.94	2.71E-07	8.60E-08	3.57E-07	2.26E-07	6.44E-08	2.91E-07	5.36E-08	1.65E-08	7.01E-08	4.18E-08	7.94E-09	4.97E-08
2879	625455.83	4264827.83	2.68E-07	8.50E-08	3.52E-07	2.24E-07	6.36E-08	2.87E-07	5.30E-08	1.63E-08	6.92E-08	4.13E-08	7.84E-09	4.91E-08
2880	625464.83	4264831.71	2.64E-07	8.39E-08	3.48E-07	2.21E-07	6.28E-08	2.84E-07	5.23E-08	1.61E-08	6.84E-08	4.08E-08	7.75E-09	4.85E-08
2881	625473.83	4264835.59	2.61E-07	8.29E-08	3.44E-07	2.18E-07	6.20E-08	2.80E-07	5.17E-08	1.59E-08	6.75E-08	4.03E-08	7.65E-09	4.79E-08
2882	625482.84	4264839.48	2.58E-07	8.18E-08	3.39E-07	2.15E-07	6.13E-08	2.77E-07	5.10E-08	1.57E-08	6.67E-08	3.98E-08	7.55E-09	4.73E-08

2883	625491.84	4264843.36	2.54E-07	8.08E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.03E-08	1.55E-08	6.58E-08	3.92E-08	7.45E-09	4.67E-08
2884	625500.84	4264847.24	2.51E-07	7.98E-08	3.31E-07	2.10E-07	5.97E-08	2.70E-07	4.97E-08	1.53E-08	6.50E-08	3.88E-08	7.36E-09	4.61E-08
2885	625509.85	4264851.13	2.48E-07	7.88E-08	3.27E-07	2.07E-07	5.90E-08	2.66E-07	4.91E-08	1.51E-08	6.42E-08	3.83E-08	7.27E-09	4.56E-08
2886	625518.85	4264855.01	2.45E-07	7.79E-08	3.23E-07	2.05E-07	5.83E-08	2.63E-07	4.85E-08	1.49E-08	6.34E-08	3.78E-08	7.19E-09	4.50E-08
2887	625527.85	4264858.89	2.42E-07	7.69E-08	3.19E-07	2.02E-07	5.76E-08	2.60E-07	4.79E-08	1.47E-08	6.27E-08	3.74E-08	7.10E-09	4.45E-08
2888	625536.85	4264862.78	2.39E-07	7.60E-08	3.15E-07	2.00E-07	5.69E-08	2.57E-07	4.74E-08	1.46E-08	6.19E-08	3.69E-08	7.01E-09	4.39E-08
2889	625545.86	4264866.66	2.36E-07	7.51E-08	3.11E-07	1.98E-07	5.62E-08	2.54E-07	4.68E-08	1.44E-08	6.12E-08	3.65E-08	6.93E-09	4.34E-08
2890	625554.86	4264870.54	2.34E-07	7.42E-08	3.08E-07	1.95E-07	5.55E-08	2.51E-07	4.62E-08	1.42E-08	6.04E-08	3.60E-08	6.84E-09	4.29E-08
2891	625563.86	4264874.43	2.31E-07	7.33E-08	3.04E-07	1.93E-07	5.49E-08	2.48E-07	4.57E-08	1.40E-08	5.97E-08	3.56E-08	6.76E-09	4.24E-08
2892	625572.87	4264878.31	2.28E-07	7.25E-08	3.01E-07	1.91E-07	5.43E-08	2.45E-07	4.52E-08	1.39E-08	5.91E-08	3.52E-08	6.69E-09	4.19E-08
2893	625581.87	4264882.19	2.26E-07	7.17E-08	2.98E-07	1.89E-07	5.37E-08	2.42E-07	4.47E-08	1.37E-08	5.85E-08	3.49E-08	6.62E-09	4.15E-08
2894	625590.87	4264886.08	2.24E-07	7.10E-08	2.94E-07	1.87E-07	5.31E-08	2.40E-07	4.42E-08	1.36E-08	5.78E-08	3.45E-08	6.55E-09	4.10E-08
2895	625599.88	4264889.96	2.21E-07	7.03E-08	2.92E-07	1.85E-07	5.26E-08	2.38E-07	4.38E-08	1.35E-08	5.73E-08	3.41E-08	6.48E-09	4.06E-08
2896	625608.88	4264893.84	2.19E-07	6.96E-08	2.89E-07	1.83E-07	5.21E-08	2.35E-07	4.34E-08	1.33E-08	5.67E-08	3.38E-08	6.42E-09	4.02E-08
2897	625617.88	4264897.73	2.17E-07	6.89E-08	2.86E-07	1.81E-07	5.16E-08	2.33E-07	4.29E-08	1.32E-08	5.61E-08	3.35E-08	6.36E-09	3.98E-08
2898	625626.89	4264901.61	2.15E-07	6.83E-08	2.83E-07	1.80E-07	5.11E-08	2.31E-07	4.25E-08	1.31E-08	5.56E-08	3.32E-08	6.30E-09	3.95E-08
2899	625635.89	4264905.49	2.13E-07	6.76E-08	2.81E-07	1.78E-07	5.06E-08	2.29E-07	4.22E-08	1.30E-08	5.51E-08	3.29E-08	6.24E-09	3.91E-08
2900	625648.5	4264918.49	2.11E-07	6.71E-08	2.78E-07	1.76E-07	5.02E-08	2.27E-07	4.18E-08	1.28E-08	5.46E-08	3.26E-08	6.19E-09	3.88E-08
2901	625652.11	4264927.61	2.11E-07	6.71E-08	2.78E-07	1.77E-07	5.02E-08	2.27E-07	4.18E-08	1.29E-08	5.47E-08	3.26E-08	6.19E-09	3.88E-08
2902	625655.72	4264936.73	2.11E-07	6.71E-08	2.78E-07	1.77E-07	5.02E-08	2.27E-07	4.18E-08	1.29E-08	5.47E-08	3.26E-08	6.19E-09	3.88E-08
2903	625659.33	4264945.84	2.11E-07	6.71E-08	2.78E-07	1.77E-07	5.03E-08	2.27E-07	4.18E-08	1.29E-08	5.47E-08	3.26E-08	6.19E-09	3.88E-08
2904	625662.93	4264954.96	2.11E-07	6.72E-08	2.79E-07	1.77E-07	5.03E-08	2.27E-07	4.19E-08	1.29E-08	5.47E-08	3.26E-08	6.20E-09	3.88E-08
2905	625666.54	4264964.08	2.12E-07	6.72E-08	2.79E-07	1.77E-07	5.03E-08	2.27E-07	4.19E-08	1.29E-08	5.48E-08	3.26E-08	6.20E-09	3.88E-08
2906	625670.15	4264973.19	2.12E-07	6.72E-08	2.79E-07	1.77E-07	5.03E-08	2.27E-07	4.19E-08	1.29E-08	5.48E-08	3.27E-08	6.20E-09	3.89E-08
2907	625673.76	4264982.31	2.12E-07	6.73E-08	2.79E-07	1.77E-07	5.04E-08	2.27E-07	4.19E-08	1.29E-08	5.48E-08	3.27E-08	6.21E-09	3.89E-08
2908	625677.37	4264991.43	2.12E-07	6.73E-08	2.79E-07	1.77E-07	5.04E-08	2.27E-07	4.19E-08	1.29E-08	5.48E-08	3.27E-08	6.21E-09	3.89E-08
2909	625680.98	4265000.54	2.12E-07	6.73E-08	2.79E-07	1.77E-07	5.04E-08	2.28E-07	4.19E-08	1.29E-08	5.48E-08	3.27E-08	6.21E-09	3.89E-08
2910	625684.59	4265009.66	2.12E-07	6.73E-08	2.79E-07	1.77E-07	5.04E-08	2.28E-07	4.20E-08	1.29E-08	5.49E-08	3.27E-08	6.21E-09	3.89E-08
2911	625688.19	4265018.78	2.12E-07	6.73E-08	2.79E-07	1.77E-07	5.04E-08	2.28E-07	4.20E-08	1.29E-08	5.49E-08	3.27E-08	6.21E-09	3.89E-08
2912	625691.8	4265027.89	2.12E-07	6.73E-08	2.79E-07	1.77E-07	5.04E-08	2.28E-07	4.20E-08	1.29E-08	5.49E-08	3.27E-08	6.21E-09	3.89E-08
2913	625695.41	4265037.01	2.12E-07	6.73E-08	2.79E-07	1.77E-07	5.04E-08	2.28E-07	4.20E-08	1.29E-08	5.49E-08	3.27E-08	6.21E-09	3.89E-08
2914	625699.02	4265046.13	2.12E-07	6.73E-08	2.79E-07	1.77E-07	5.04E-08	2.28E-07	4.20E-08	1.29E-08	5.48E-08	3.27E-08	6.21E-09	3.89E-08
2915	625702.63	4265055.24	2.12E-07	6.73E-08	2.79E-07	1.77E-07	5.04E-08	2.27E-07	4.19E-08	1.29E-08	5.48E-08	3.27E-08	6.21E-09	3.89E-08
2916	625706.24	4265064.36	2.12E-07	6.72E-08	2.79E-07	1.77E-07	5.03E-08	2.27E-07	4.19E-08	1.29E-08	5.48E-08	3.27E-08	6.21E-09	3.89E-08
2917	625709.84	4265073.48	2.12E-07	6.72E-08	2.79E-07	1.77E-07	5.03E-08	2.27E-07	4.19E-08	1.29E-08	5.48E-08	3.26E-08	6.20E-09	3.88E-08
2918	625713.45	4265082.59	2.11E-07	6.71E-08	2.79E-07	1.77E-07	5.03E-08	2.27E-07	4.18E-08	1.29E-08	5.47E-08	3.26E-08	6.20E-09	3.88E-08
2919	625717.06	4265091.71	2.11E-07	6.71E-08	2.78E-07	1.76E-07	5.02E-08	2.27E-07	4.18E-08	1.28E-08	5.46E-08	3.26E-08	6.19E-09	3.88E-08
2920	625720.67	4265100.83	2.11E-07	6.70E-08	2.78E-07	1.76E-07	5.01E-08	2.26E-07	4.17E-08	1.28E-08	5.46E-08	3.25E-08	6.18E-09	3.87E-08
2921	625724.28	4265109.95	2.11E-07	6.69E-08	2.77E-07	1.76E-07	5.01E-08	2.26E-07	4.17E-08	1.28E-08	5.45E-08	3.25E-08	6.17E-09	3.87E-08
2922	625727.89	4265119.06	2.10E-07	6.68E-08	2.77E-07	1.76E-07	5.00E-08	2.26E-07	4.16E-08	1.28E-08	5.44E-08	3.24E-08	6.16E-09	3.86E-08
2923	625731.5	4265128.18	2.10E-07	6.67E-08	2.77E-07	1.75E-07	4.99E-08	2.25E-07	4.15E-08	1.28E-08	5.43E-08	3.24E-08	6.15E-09	3.85E-08
2924	625735.1	4265137.3	2.09E-07	6.65E-08	2.76E-07	1.75E-07	4.98E-08	2.25E-07	4.15E-08	1.27E-08	5.42E-08	3.23E-08	6.14E-09	3.85E-08
2925	625738.71	4265146.41	2.09E-07	6.64E-08	2.75E-07	1.75E-07	4.97E-08	2.24E-07	4.14E-08	1.27E-08	5.41E-08	3.23E-08	6.13E-09	3.84E-08
2926	625742.32	4265155.53	2.09E-07	6.62E-08	2.75E-07	1.74E-07	4.96E-08	2.24E-07	4.13E-08	1.27E-08	5.40E-08	3.22E-08	6.11E-09	3.83E-08
2927	625745.93	4265164.65	2.08E-07	6.61E-08	2.74E-07	1.74E-07	4.95E-08	2.23E-07	4.12E-08	1.27E-08	5.38E-08	3.21E-08	6.10E-09	3.82E-08
2928	625749.54	4265173.76	2.07E-07	6.59E-08	2.73E-07	1.73E-07	4.93E-08	2.23E-07	4.11E-08	1.26E-08	5.37E-08	3.20E-08	6.08E-09	3.81E-08
2929	625753.15	4265182.88	2.07E-07	6.57E-08	2.73E-07	1.73E-07	4.92E-08	2.22E-07	4.10E-08	1.26E-08	5.35E-08	3.19E-08	6.06E-09	3.80E-08
2930	625756.76	4265192	2.06E-07	6.55E-08	2.72E-07	1.72E-07	4.90E-08	2.21E-07	4.08E-08	1.26E-08	5.34E-08	3.18E-08	6.05E-09	3.79E-08
2931	625760.36	4265201.11	2.06E-07	6.53E-08	2.71E-07	1.72E-07	4.89E-08	2.21E-07	4.07E-08	1.25E-08	5.32E-08	3.17E-08	6.03E-09	3.78E-08
2932	625763.97	4265210.23	2.05E-07	6.51E-08	2.70E-07	1.71E-07	4.87E-08	2.20E-07	4.06E-08	1.25E-08	5.30E-08	3.16E-08	6.01E-09	3.76E-08
2933	625767.58	4265219.35	2.04E-07	6.49E-08	2.69E-07	1.71E-07	4.86E-08	2.19E-07	4.04E-08	1.24E-08	5.29E-08	3.15E-08	5.99E-09	3.75E-08
2934	625771.19	4265228.46	2.04E-07	6.46E-08	2.68E-07	1.70E-07	4.84E-08	2.18E-07	4.03E-08	1.24E-08	5.27E-08	3.14E-08	5.96E-09	3.74E-08
2935	625774.8	4265237.58	2.03E-07	6.44E-08	2.67E-07	1.69E-07	4.82E-08	2.18E-07	4.01E-08	1.23E-08	5.25E-08	3.13E-08	5.94E-09	3.72E-08
2936	625778.41	4265246.7	2.02E-07	6.42E-08	2.66E-07	1.69E-07	4.80E-08	2.17E-07	4.00E-08	1.23E-08	5.23E-08	3.12E-08	5.92E-09	3.71E-08
2937	625782.01	4265255.81	2.01E-07	6.39E-08	2.65E-07	1.68E-07	4.79E-08	2.16E-07	3.98E-08	1.22E-08	5.21E-08	3.11E-08	5.90E-09	3.70E-08
2938	625785.62	4265264.93	2.00E-07	6.36E-08	2.64E-07	1.68E-07	4.77E-08	2.15E-07	3.97E-08	1.22E-08	5.19E-08	3.09E-08	5.87E-09	3.68E-08
2939	625789.23	4265274.05	1.99E-07	6.33E-08	2.63E-07	1.67E-07	4.74E-08	2.14E-07	3.95E-08	1.21E-08	5.16E-08	3.08E-08	5.85E-09	3.66E-08
2940	625792.84	4265283.16	1.98E-07	6.30E-08	2.62E-07	1.66E-07	4.72E-08	2.13E-07	3.93E-08	1.21E-08	5.14E-08	3.06E-08	5.82E-09	3.64E-08
2941	625796.45	4265292.28	1.98E-07	6.27E-08	2.60E-07	1.65E-07	4.70E-08	2.12E-07	3.91E-08	1.20E-08	5.11E-08	3.05E-08	5.79E-09	3.63E-08
2942	625800.06	4265301.4	1.97E-07	6.25E-08	2.59E-07	1.64E-07	4.68E-08	2.11E-07	3.89E-08	1.20E-08	5.09E-08	3.04E-08	5.77E-09	3.61E-08
2943	625803.67	4265310.51	1.96E-07	6.22E-08	2.58E-07	1.64E-07	4.66E-08	2.10E-07	3.88E-08	1.19E-08	5.07E-08	3.02E-08	5.74E-09	3.60E-08
2944	625807.27	4265319.63	1.95E-07	6.19E-08	2.57E-07	1.63E-07	4.64E-08	2.09E-07	3.86E-08	1.19E-08	5.05E-08	3.01E-08	5.71E-09	3.58E-08
2945	625810.88	4265328.75	1.94E-07	6.16E-08	2.56E-07	1.62E-07	4.61E-08	2.08E-07	3.84E-08	1.18E-08	5.02E-08	2.99E-08	5.68E-09	3.56E-08
2946	625814.49	4265337.86	1.93E-07	6.13E-08	2.54E-07	1.61E-07	4.59E-08	2.07E-07	3.82E-08	1.17E-08	4.99E-08	2.98E-08	5.65E-09	3.54E-08
2947	625818.1	4265346.98	1.92E-07	6.09E-08	2.53E-07	1.60E-07	4.56E-08	2.06E-07	3.80E-08	1.17E-08	4.96E-08	2.96E-08	5.62E-09	3.52E-08
2948	625821.71	4265356.1	1.91E-07	6.06E-08	2.51E-07	1.60E-07	4.54E-08	2.05E-07	3.78E-08	1.16E-08	4.94E-08	2.94E-08	5.59E-09	3.50E-08
2949	625825.32	4265365.21	1.90E-07	6.03E-08	2.50E-07	1.59E-07	4.51E-08	2.04E-07	3.76E-08	1.16E-08	4.91E-08	2.93E-08	5.56E-09	3.49E-08
2950	625828.92	4265374.33	1.89E-07	6.00E-08	2.49E-07	1.58E-07	4.49E-08	2.03E-07	3.74E-08	1.15E-08	4.89E-08	2.91E-08	5.54E-09	3.47E-08
2951	625832.53	4265383.45	1.88E-07	5.97E-08	2.48E-07	1.57E-07	4.47E-08	2.02E-07	3.72E-08	1.14E-08	4.86E-08	2.90E-08	5.51E-09	3.45E-08
2952	625836.14	4265392.56	1.87E-07	5.94E-08	2.46E-07	1.56E-07	4.45E-08	2.01E-07	3.70E-08	1.14E-08	4.84E-08	2.88E-08	5.48E-09	3.43E-08
2953	625839.75	4265401.68	1.86E-07	5.91E-08	2.45E-07	1.55E-07	4.42E-08	2.00E-07	3.68E-08	1.13E-08	4.81E-08	2.87E-08	5.45E-09	3.41E-08
2954	625843.36	4265410.8	1.85E-07	5.88E-08	2.44E-07	1.55E-07	4.40E-08	1.99E-07	3.66E-08	1.13E-08	4.79E-08	2.85E-08	5.42E-09	3.40E-08
2955	625846.97	4265419.92	1.84E-07	5.85E-08	2.43E-07	1.54E-07	4.38E-08	1.98E-07	3.64E-08	1.12E-08	4.76E-08	2.84E-08	5.39E-09	3.38E-08
2956	625850.58	4265429.03	1.83E-07	5.81E-08	2.41E-07	1.53E-07	4.35E-08	1.97E-07	3.62E-08	1.11E-08	4.74E-08	2.83E-08	5.37E-09	3.36E-08

2957	625854.18	4265438.15	1.82E-07	5.78E-08	2.40E-07	1.52E-07	4.33E-08	1.96E-07	3.60E-08	1.11E-08	4.71E-08	2.81E-08	5.34E-09	3.34E-08
2958	625857.79	4265447.27	1.81E-07	5.75E-08	2.39E-07	1.51E-07	4.31E-08	1.94E-07	3.59E-08	1.10E-08	4.69E-08	2.80E-08	5.31E-09	3.33E-08
2959	625861.4	4265456.38	1.80E-07	5.72E-08	2.37E-07	1.51E-07	4.28E-08	1.93E-07	3.57E-08	1.10E-08	4.66E-08	2.78E-08	5.28E-09	3.31E-08
2960	625865.01	4265465.5	1.79E-07	5.69E-08	2.36E-07	1.50E-07	4.26E-08	1.92E-07	3.55E-08	1.09E-08	4.64E-08	2.76E-08	5.25E-09	3.29E-08
2961	625868.62	4265474.62	1.78E-07	5.66E-08	2.35E-07	1.49E-07	4.23E-08	1.91E-07	3.53E-08	1.08E-08	4.61E-08	2.75E-08	5.22E-09	3.27E-08
2962	625872.23	4265483.73	1.77E-07	5.62E-08	2.33E-07	1.48E-07	4.21E-08	1.90E-07	3.50E-08	1.08E-08	4.58E-08	2.73E-08	5.19E-09	3.25E-08
2963	625875.83	4265492.85	1.76E-07	5.59E-08	2.32E-07	1.47E-07	4.18E-08	1.89E-07	3.48E-08	1.07E-08	4.55E-08	2.72E-08	5.16E-09	3.23E-08
2964	625879.44	4265501.97	1.75E-07	5.55E-08	2.30E-07	1.46E-07	4.16E-08	1.88E-07	3.46E-08	1.06E-08	4.53E-08	2.70E-08	5.13E-09	3.21E-08
2965	625883.05	4265511.08	1.74E-07	5.52E-08	2.29E-07	1.45E-07	4.13E-08	1.87E-07	3.44E-08	1.06E-08	4.50E-08	2.68E-08	5.09E-09	3.19E-08
2966	625886.66	4265520.2	1.73E-07	5.48E-08	2.27E-07	1.44E-07	4.10E-08	1.85E-07	3.42E-08	1.05E-08	4.47E-08	2.66E-08	5.06E-09	3.17E-08
2967	625890.27	4265529.32	1.71E-07	5.44E-08	2.26E-07	1.43E-07	4.07E-08	1.84E-07	3.39E-08	1.04E-08	4.43E-08	2.64E-08	5.02E-09	3.15E-08
2968	625893.88	4265538.43	1.70E-07	5.40E-08	2.24E-07	1.42E-07	4.04E-08	1.83E-07	3.37E-08	1.03E-08	4.40E-08	2.62E-08	4.99E-09	3.12E-08
2969	625897.49	4265547.55	1.69E-07	5.36E-08	2.22E-07	1.41E-07	4.01E-08	1.81E-07	3.34E-08	1.03E-08	4.37E-08	2.60E-08	4.95E-09	3.10E-08
2970	625901.09	4265556.67	1.67E-07	5.32E-08	2.21E-07	1.40E-07	3.98E-08	1.80E-07	3.31E-08	1.02E-08	4.33E-08	2.58E-08	4.91E-09	3.07E-08
2971	625904.7	4265565.78	1.66E-07	5.28E-08	2.19E-07	1.39E-07	3.95E-08	1.78E-07	3.29E-08	1.01E-08	4.30E-08	2.56E-08	4.87E-09	3.05E-08
2972	625908.31	4265574.9	1.65E-07	5.23E-08	2.17E-07	1.38E-07	3.92E-08	1.77E-07	3.26E-08	1.00E-08	4.26E-08	2.54E-08	4.83E-09	3.02E-08
2973	625911.92	4265584.02	1.63E-07	5.18E-08	2.15E-07	1.36E-07	3.88E-08	1.75E-07	3.23E-08	9.93E-09	4.22E-08	2.52E-08	4.79E-09	3.00E-08
2974	625915.53	4265593.13	1.62E-07	5.14E-08	2.13E-07	1.35E-07	3.85E-08	1.74E-07	3.20E-08	9.84E-09	4.19E-08	2.50E-08	4.74E-09	2.97E-08
2975	625919.14	4265602.25	1.60E-07	5.09E-08	2.11E-07	1.34E-07	3.81E-08	1.72E-07	3.17E-08	9.75E-09	4.15E-08	2.47E-08	4.70E-09	2.94E-08
2976	625922.74	4265611.37	1.59E-07	5.04E-08	2.09E-07	1.33E-07	3.77E-08	1.70E-07	3.14E-08	9.66E-09	4.11E-08	2.45E-08	4.65E-09	2.91E-08
2977	625926.35	4265620.48	1.57E-07	4.99E-08	2.07E-07	1.31E-07	3.74E-08	1.69E-07	3.11E-08	9.56E-09	4.07E-08	2.43E-08	4.61E-09	2.89E-08
2978	625929.96	4265629.6	1.56E-07	4.94E-08	2.05E-07	1.30E-07	3.70E-08	1.67E-07	3.08E-08	9.47E-09	4.03E-08	2.40E-08	4.56E-09	2.86E-08
2979	625933.57	4265638.72	1.54E-07	4.89E-08	2.03E-07	1.29E-07	3.66E-08	1.65E-07	3.05E-08	9.37E-09	3.98E-08	2.38E-08	4.51E-09	2.83E-08
2980	625937.18	4265647.83	1.52E-07	4.84E-08	2.01E-07	1.27E-07	3.62E-08	1.64E-07	3.02E-08	9.27E-09	3.94E-08	2.35E-08	4.47E-09	2.80E-08
2981	625940.79	4265656.95	1.51E-07	4.79E-08	1.99E-07	1.26E-07	3.58E-08	1.62E-07	2.98E-08	9.17E-09	3.90E-08	2.33E-08	4.42E-09	2.77E-08
2982	625944.4	4265666.07	1.49E-07	4.73E-08	1.96E-07	1.25E-07	3.54E-08	1.60E-07	2.95E-08	9.07E-09	3.86E-08	2.30E-08	4.37E-09	2.74E-08
2983	625948	4265675.18	1.47E-07	4.68E-08	1.94E-07	1.23E-07	3.50E-08	1.58E-07	2.92E-08	8.97E-09	3.81E-08	2.27E-08	4.32E-09	2.71E-08
2984	625951.61	4265684.3	1.46E-07	4.63E-08	1.92E-07	1.22E-07	3.47E-08	1.56E-07	2.88E-08	8.87E-09	3.77E-08	2.25E-08	4.27E-09	2.68E-08
2985	624870.62	4264575.42	2.40E-07	7.62E-08	3.16E-07	2.01E-07	5.71E-08	2.58E-07	4.75E-08	1.46E-08	6.21E-08	3.70E-08	7.03E-09	4.41E-08
2986	624860.71	4264575.28	2.39E-07	7.60E-08	3.15E-07	2.00E-07	5.69E-08	2.57E-07	4.74E-08	1.46E-08	6.19E-08	3.69E-08	7.01E-09	4.39E-08
2987	624850.8	4264575.14	2.39E-07	7.58E-08	3.14E-07	2.00E-07	5.68E-08	2.56E-07	4.72E-08	1.45E-08	6.18E-08	3.68E-08	7.00E-09	4.38E-08
2988	624840.9	4264575	2.38E-07	7.56E-08	3.14E-07	1.99E-07	5.66E-08	2.56E-07	4.71E-08	1.45E-08	6.16E-08	3.67E-08	6.98E-09	4.37E-08
2989	624830.99	4264574.87	2.38E-07	7.54E-08	3.13E-07	1.99E-07	5.65E-08	2.55E-07	4.70E-08	1.45E-08	6.15E-08	3.67E-08	6.96E-09	4.36E-08
2990	624821.08	4264574.73	2.37E-07	7.52E-08	3.12E-07	1.98E-07	5.63E-08	2.54E-07	4.69E-08	1.44E-08	6.13E-08	3.66E-08	6.94E-09	4.35E-08
2991	624811.17	4264574.59	2.36E-07	7.51E-08	3.11E-07	1.98E-07	5.62E-08	2.54E-07	4.68E-08	1.44E-08	6.12E-08	3.65E-08	6.93E-09	4.34E-08
2992	624801.26	4264574.45	2.36E-07	7.49E-08	3.11E-07	1.97E-07	5.61E-08	2.53E-07	4.67E-08	1.44E-08	6.10E-08	3.64E-08	6.91E-09	4.33E-08
2993	624791.35	4264574.32	2.35E-07	7.48E-08	3.10E-07	1.97E-07	5.60E-08	2.53E-07	4.66E-08	1.43E-08	6.09E-08	3.63E-08	6.90E-09	4.32E-08
2994	624781.44	4264574.18	2.35E-07	7.46E-08	3.10E-07	1.96E-07	5.59E-08	2.52E-07	4.65E-08	1.43E-08	6.08E-08	3.63E-08	6.89E-09	4.32E-08
2995	624771.53	4264574.04	2.35E-07	7.45E-08	3.09E-07	1.96E-07	5.58E-08	2.52E-07	4.64E-08	1.43E-08	6.07E-08	3.62E-08	6.88E-09	4.31E-08
2996	624761.62	4264573.9	2.34E-07	7.44E-08	3.09E-07	1.96E-07	5.57E-08	2.51E-07	4.64E-08	1.43E-08	6.06E-08	3.61E-08	6.86E-09	4.30E-08
2997	624751.72	4264573.77	2.34E-07	7.42E-08	3.08E-07	1.95E-07	5.56E-08	2.51E-07	4.63E-08	1.42E-08	6.05E-08	3.61E-08	6.85E-09	4.29E-08
2998	624741.81	4264573.63	2.33E-07	7.41E-08	3.07E-07	1.95E-07	5.55E-08	2.51E-07	4.62E-08	1.42E-08	6.04E-08	3.60E-08	6.84E-09	4.29E-08
2999	624731.9	4264573.49	2.33E-07	7.40E-08	3.07E-07	1.95E-07	5.54E-08	2.50E-07	4.61E-08	1.42E-08	6.03E-08	3.60E-08	6.83E-09	4.28E-08
3000	624721.99	4264573.35	2.33E-07	7.39E-08	3.07E-07	1.95E-07	5.53E-08	2.50E-07	4.61E-08	1.42E-08	6.02E-08	3.59E-08	6.82E-09	4.27E-08
3001	624712.08	4264573.22	2.32E-07	7.38E-08	3.06E-07	1.94E-07	5.52E-08	2.49E-07	4.60E-08	1.41E-08	6.01E-08	3.59E-08	6.81E-09	4.27E-08
3002	624702.17	4264573.08	2.32E-07	7.37E-08	3.06E-07	1.94E-07	5.52E-08	2.49E-07	4.59E-08	1.41E-08	6.00E-08	3.58E-08	6.80E-09	4.26E-08
3003	624692.26	4264572.94	2.32E-07	7.35E-08	3.05E-07	1.94E-07	5.51E-08	2.49E-07	4.58E-08	1.41E-08	5.99E-08	3.57E-08	6.79E-09	4.25E-08
3004	624682.35	4264572.81	2.31E-07	7.34E-08	3.04E-07	1.93E-07	5.49E-08	2.48E-07	4.57E-08	1.41E-08	5.98E-08	3.57E-08	6.77E-09	4.24E-08
3005	624672.45	4264572.67	2.31E-07	7.32E-08	3.04E-07	1.93E-07	5.48E-08	2.47E-07	4.56E-08	1.40E-08	5.97E-08	3.56E-08	6.76E-09	4.23E-08
3006	624662.54	4264572.53	2.30E-07	7.30E-08	3.03E-07	1.92E-07	5.47E-08	2.47E-07	4.55E-08	1.40E-08	5.95E-08	3.55E-08	6.74E-09	4.22E-08
3007	624652.63	4264572.39	2.29E-07	7.28E-08	3.02E-07	1.92E-07	5.45E-08	2.46E-07	4.54E-08	1.39E-08	5.93E-08	3.54E-08	6.72E-09	4.21E-08
3008	624642.72	4264572.26	2.28E-07	7.25E-08	3.01E-07	1.91E-07	5.43E-08	2.45E-07	4.52E-08	1.39E-08	5.91E-08	3.52E-08	6.69E-09	4.19E-08
3009	624632.81	4264572.12	2.28E-07	7.23E-08	3.00E-07	1.90E-07	5.41E-08	2.44E-07	4.50E-08	1.38E-08	5.89E-08	3.51E-08	6.67E-09	4.18E-08
3010	624622.9	4264571.98	2.27E-07	7.19E-08	2.98E-07	1.89E-07	5.39E-08	2.43E-07	4.48E-08	1.38E-08	5.86E-08	3.50E-08	6.64E-09	4.16E-08
3011	624612.99	4264571.84	2.25E-07	7.16E-08	2.97E-07	1.88E-07	5.36E-08	2.42E-07	4.46E-08	1.37E-08	5.83E-08	3.48E-08	6.61E-09	4.14E-08
3012	624603.08	4264571.71	2.24E-07	7.12E-08	2.95E-07	1.87E-07	5.33E-08	2.41E-07	4.44E-08	1.36E-08	5.80E-08	3.46E-08	6.57E-09	4.12E-08
3013	624593.18	4264571.57	2.23E-07	7.08E-08	2.94E-07	1.86E-07	5.30E-08	2.39E-07	4.41E-08	1.36E-08	5.77E-08	3.44E-08	6.53E-09	4.09E-08
3014	624583.27	4264571.43	2.21E-07	7.03E-08	2.92E-07	1.85E-07	5.26E-08	2.38E-07	4.38E-08	1.35E-08	5.73E-08	3.42E-08	6.49E-09	4.07E-08
3015	624573.36	4264571.29	2.20E-07	6.98E-08	2.90E-07	1.84E-07	5.23E-08	2.36E-07	4.35E-08	1.34E-08	5.69E-08	3.39E-08	6.44E-09	4.04E-08
3016	624563.45	4264571.16	2.18E-07	6.93E-08	2.87E-07	1.82E-07	5.18E-08	2.34E-07	4.32E-08	1.33E-08	5.64E-08	3.36E-08	6.39E-09	4.00E-08
3017	624553.54	4264571.02	2.16E-07	6.87E-08	2.85E-07	1.81E-07	5.14E-08	2.32E-07	4.28E-08	1.32E-08	5.60E-08	3.34E-08	6.34E-09	3.97E-08
3018	624543.63	4264570.88	2.15E-07	6.81E-08	2.83E-07	1.79E-07	5.10E-08	2.30E-07	4.25E-08	1.31E-08	5.55E-08	3.31E-08	6.29E-09	3.94E-08
3019	624533.72	4264570.74	2.13E-07	6.75E-08	2.80E-07	1.78E-07	5.06E-08	2.28E-07	4.21E-08	1.29E-08	5.50E-08	3.28E-08	6.23E-09	3.90E-08
3020	624523.81	4264570.61	2.11E-07	6.69E-08	2.78E-07	1.76E-07	5.01E-08	2.26E-07	4.17E-08	1.28E-08	5.45E-08	3.25E-08	6.18E-09	3.87E-08
3021	624513.9	4264570.47	2.09E-07	6.63E-08	2.75E-07	1.74E-07	4.96E-08	2.24E-07	4.13E-08	1.27E-08	5.40E-08	3.22E-08	6.12E-09	3.83E-08
3022	624504	4264570.33	2.07E-07	6.56E-08	2.72E-07	1.73E-07	4.91E-08	2.22E-07	4.09E-08	1.26E-08	5.35E-08	3.19E-08	6.06E-09	3.79E-08
3023	624494.09	4264570.19	2.05E-07	6.50E-08	2.70E-07	1.71E-07	4.87E-08	2.20E-07	4.05E-08	1.25E-08	5.30E-08	3.16E-08	6.00E-09	3.76E-08
3024	624484.18	4264570.06	2.03E-07	6.43E-08	2.67E-07	1.69E-07	4.82E-08	2.17E-07	4.01E-08	1.23E-08	5.24E-08	3.13E-08	5.94E-09	3.72E-08
3025	624474.27	4264569.92	2.00E-07	6.36E-08	2.64E-07	1.68E-07	4.77E-08	2.15E-07	3.97E-08	1.22E-08	5.19E-08	3.09E-08	5.87E-09	3.68E-08
3026	624464.36	4264569.78	1.98E-07	6.30E-08	2.61E-07	1.66E-07	4.71E-08	2.13E-07	3.92E-08	1.21E-08	5.13E-08	3.06E-08	5.81E-09	3.64E-08
3027	624454.45	4264569.64	1.96E-07	6.23E-08	2.58E-07	1.64E-07	4.66E-08	2.11E-07	3.88E-08	1.19E-08	5.08E-08	3.03E-08	5.75E-09	3.60E-08
3028	624444.54	4264569.51	1.94E-07	6.16E-08	2.56E-07	1.62E-07	4.61E-08	2.08E-07	3.84E-08	1.18E-08	5.02E-08	2.99E-08	5.69E-09	3.56E-08
3029	624434.63	4264569.37	1.92E-07	6.10E-08	2.53E-07	1.60E-07	4.56E-08	2.06E-07	3.80E-08	1.17E-08	4.97E-08	2.96E-08	5.63E-09	3.52E-08
3030	624424.73	4264569.23	1.90E-07	6.03E-08	2.50E-07	1.59E-07	4.52E-08	2.04E-07	3.76E-08	1.16E-08	4.92E-08	2.93E-08	5.57E-09	3.49E-08

3031	624414.82	4264569.1	1.88E-07	5.97E-08	2.48E-07	1.57E-07	4.47E-08	2.02E-07	3.72E-08	1.14E-08	4.86E-08	2.90E-08	5.51E-09	3.45E-08
3032	624404.91	4264568.96	1.86E-07	5.91E-08	2.45E-07	1.56E-07	4.42E-08	2.00E-07	3.68E-08	1.13E-08	4.82E-08	2.87E-08	5.45E-09	3.42E-08
3033	624395	4264568.82	1.84E-07	5.85E-08	2.43E-07	1.54E-07	4.38E-08	1.98E-07	3.65E-08	1.12E-08	4.77E-08	2.84E-08	5.40E-09	3.38E-08
3034	624385.09	4264568.68	1.82E-07	5.79E-08	2.40E-07	1.52E-07	4.34E-08	1.96E-07	3.61E-08	1.11E-08	4.72E-08	2.81E-08	5.35E-09	3.35E-08
3035	624375.18	4264568.55	1.81E-07	5.74E-08	2.38E-07	1.51E-07	4.30E-08	1.94E-07	3.58E-08	1.10E-08	4.67E-08	2.79E-08	5.29E-09	3.32E-08
3036	624349.93	4265668.3	1.99E-06	6.33E-07	2.63E-06	1.67E-06	4.74E-07	2.14E-06	3.94E-07	1.21E-07	5.16E-07	3.07E-07	5.84E-08	3.66E-07
3037	624349.79	4265678.19	2.12E-06	6.74E-07	2.79E-06	1.77E-06	5.04E-07	2.28E-06	4.20E-07	1.29E-07	5.49E-07	3.27E-07	6.22E-08	3.90E-07
3038	624349.64	4265688.08	2.26E-06	7.18E-07	2.98E-06	1.89E-06	5.38E-07	2.43E-06	4.48E-07	1.38E-07	5.85E-07	3.49E-07	6.63E-08	4.15E-07
3039	624349.5	4265697.97	2.41E-06	7.66E-07	3.18E-06	2.02E-06	5.74E-07	2.59E-06	4.78E-07	1.47E-07	6.24E-07	3.72E-07	7.07E-08	4.43E-07
3040	624349.36	4265707.87	2.57E-06	8.16E-07	3.39E-06	2.15E-06	6.11E-07	2.76E-06	5.09E-07	1.56E-07	6.65E-07	3.97E-07	7.53E-08	4.72E-07
3041	624349.22	4265717.76	2.73E-06	8.67E-07	3.60E-06	2.28E-06	6.49E-07	2.93E-06	5.40E-07	1.66E-07	7.06E-07	4.21E-07	8.00E-08	5.01E-07
3042	624349.07	4265727.65	2.89E-06	9.18E-07	3.81E-06	2.42E-06	6.87E-07	3.10E-06	5.72E-07	1.76E-07	7.48E-07	4.46E-07	8.47E-08	5.31E-07
3043	624348.93	4265737.54	3.05E-06	9.69E-07	4.02E-06	2.55E-06	7.25E-07	3.28E-06	6.04E-07	1.86E-07	7.89E-07	4.71E-07	8.94E-08	5.60E-07
3044	624348.79	4265747.44	3.20E-06	1.02E-06	4.22E-06	2.68E-06	7.62E-07	3.44E-06	6.34E-07	1.95E-07	8.29E-07	4.95E-07	9.39E-08	5.88E-07
3045	624348.64	4265757.33	3.35E-06	1.06E-06	4.41E-06	2.80E-06	7.97E-07	3.60E-06	6.63E-07	2.04E-07	8.67E-07	5.17E-07	9.82E-08	6.15E-07
3046	624348.5	4265767.22	3.49E-06	1.11E-06	4.59E-06	2.91E-06	8.29E-07	3.74E-06	6.90E-07	2.12E-07	9.02E-07	5.38E-07	1.02E-07	6.40E-07
3047	624348.36	4265777.11	3.61E-06	1.15E-06	4.76E-06	3.02E-06	8.59E-07	3.88E-06	7.15E-07	2.20E-07	9.35E-07	5.58E-07	1.06E-07	6.64E-07
3048	624348.21	4265787.01	3.73E-06	1.18E-06	4.92E-06	3.12E-06	8.87E-07	4.01E-06	7.38E-07	2.27E-07	9.65E-07	5.76E-07	1.09E-07	6.85E-07
3049	624348.07	4265796.9	3.84E-06	1.22E-06	5.06E-06	3.21E-06	9.13E-07	4.12E-06	7.60E-07	2.34E-07	9.93E-07	5.92E-07	1.13E-07	7.05E-07
3050	624347.93	4265806.79	3.94E-06	1.25E-06	5.19E-06	3.29E-06	9.36E-07	4.23E-06	7.79E-07	2.40E-07	1.02E-06	6.07E-07	1.15E-07	7.23E-07
3051	624347.78	4265816.68	4.03E-06	1.28E-06	5.31E-06	3.37E-06	9.57E-07	4.32E-06	7.97E-07	2.45E-07	1.04E-06	6.21E-07	1.18E-07	7.39E-07
3052	624347.64	4265826.58	4.11E-06	1.30E-06	5.41E-06	3.43E-06	9.77E-07	4.41E-06	8.13E-07	2.50E-07	1.06E-06	6.34E-07	1.20E-07	7.54E-07
3053	624342.96	4265661.12	1.80E-06	5.72E-07	2.37E-06	1.51E-06	4.29E-07	1.94E-06	3.57E-07	1.10E-07	4.66E-07	2.78E-07	5.28E-08	3.31E-07
3054	624339.79	4265678.04	1.93E-06	6.14E-07	2.55E-06	1.61E-06	4.59E-07	2.07E-06	3.82E-07	1.18E-07	5.00E-07	2.98E-07	5.66E-08	3.55E-07
3055	624339.65	4265687.94	2.04E-06	6.49E-07	2.69E-06	1.71E-06	4.86E-07	2.19E-06	4.04E-07	1.24E-07	5.29E-07	3.15E-07	5.99E-08	3.75E-07
3056	624339.5	4265697.83	2.16E-06	6.86E-07	2.85E-06	1.81E-06	5.14E-07	2.32E-06	4.28E-07	1.31E-07	5.59E-07	3.33E-07	6.33E-08	3.97E-07
3057	624339.36	4265707.72	2.28E-06	7.25E-07	3.01E-06	1.91E-06	5.43E-07	2.45E-06	4.52E-07	1.39E-07	5.91E-07	3.52E-07	6.69E-08	4.19E-07
3058	624339.22	4265717.61	2.41E-06	7.65E-07	3.17E-06	2.01E-06	5.73E-07	2.59E-06	4.77E-07	1.47E-07	6.23E-07	3.72E-07	7.06E-08	4.42E-07
3059	624339.07	4265727.51	2.53E-06	8.05E-07	3.34E-06	2.12E-06	6.03E-07	2.72E-06	5.02E-07	1.54E-07	6.56E-07	3.91E-07	7.43E-08	4.65E-07
3060	624338.93	4265737.4	2.66E-06	8.45E-07	3.51E-06	2.22E-06	6.33E-07	2.86E-06	5.27E-07	1.62E-07	6.89E-07	4.11E-07	7.80E-08	4.89E-07
3061	624338.79	4265747.29	2.79E-06	8.85E-07	3.67E-06	2.33E-06	6.62E-07	2.99E-06	5.51E-07	1.70E-07	7.21E-07	4.30E-07	8.17E-08	5.12E-07
3062	624338.64	4265757.18	2.91E-06	9.23E-07	3.83E-06	2.43E-06	6.91E-07	3.12E-06	5.75E-07	1.77E-07	7.52E-07	4.48E-07	8.52E-08	5.34E-07
3063	624338.5	4265767.08	3.02E-06	9.60E-07	3.98E-06	2.53E-06	7.19E-07	3.24E-06	5.98E-07	1.84E-07	7.82E-07	4.66E-07	8.86E-08	5.55E-07
3064	624338.36	4265776.97	3.13E-06	9.94E-07	4.13E-06	2.62E-06	7.45E-07	3.36E-06	6.20E-07	1.91E-07	8.10E-07	4.83E-07	9.18E-08	5.75E-07
3065	624338.21	4265786.86	3.23E-06	1.03E-06	4.26E-06	2.70E-06	7.69E-07	3.47E-06	6.40E-07	1.97E-07	8.37E-07	4.99E-07	9.48E-08	5.94E-07
3066	624338.07	4265796.75	3.33E-06	1.06E-06	4.39E-06	2.78E-06	7.92E-07	3.57E-06	6.59E-07	2.03E-07	8.62E-07	5.14E-07	9.76E-08	6.11E-07
3067	624337.93	4265806.65	3.42E-06	1.09E-06	4.50E-06	2.86E-06	8.13E-07	3.67E-06	6.77E-07	2.08E-07	8.85E-07	5.28E-07	1.00E-07	6.28E-07
3068	624337.79	4265816.54	3.50E-06	1.11E-06	4.61E-06	2.93E-06	8.32E-07	3.76E-06	6.93E-07	2.13E-07	9.06E-07	5.40E-07	1.03E-07	6.43E-07
3069	624337.64	4265826.43	3.58E-06	1.14E-06	4.71E-06	2.99E-06	8.50E-07	3.84E-06	7.08E-07	2.18E-07	9.25E-07	5.52E-07	1.05E-07	6.57E-07
3070	624332.96	4265660.98	1.67E-06	5.31E-07	2.20E-06	1.40E-06	3.98E-07	1.80E-06	3.31E-07	1.02E-07	4.33E-07	2.58E-07	4.90E-08	3.07E-07
3071	624346.13	4265644.1	1.68E-06	5.33E-07	2.21E-06	1.40E-06	3.99E-07	1.80E-06	3.32E-07	1.02E-07	4.35E-07	2.59E-07	4.92E-08	3.08E-07
3072	624329.79	4265677.9	1.78E-06	5.64E-07	2.34E-06	1.49E-06	4.23E-07	1.91E-06	3.52E-07	1.08E-07	4.60E-07	2.74E-07	5.21E-08	3.26E-07
3073	624329.65	4265687.79	1.87E-06	5.93E-07	2.46E-06	1.56E-06	4.44E-07	2.00E-06	3.69E-07	1.14E-07	4.83E-07	2.88E-07	5.47E-08	3.43E-07
3074	624329.5	4265697.68	1.96E-06	6.23E-07	2.58E-06	1.64E-06	4.66E-07	2.11E-06	3.88E-07	1.19E-07	5.07E-07	3.03E-07	5.75E-08	3.60E-07
3075	624329.36	4265707.58	2.06E-06	6.54E-07	2.71E-06	1.72E-06	4.90E-07	2.21E-06	4.08E-07	1.25E-07	5.33E-07	3.18E-07	6.04E-08	3.78E-07
3076	624329.22	4265717.47	2.16E-06	6.86E-07	2.85E-06	1.81E-06	5.14E-07	2.32E-06	4.28E-07	1.31E-07	5.59E-07	3.33E-07	6.33E-08	3.97E-07
3077	624329.07	4265727.36	2.26E-06	7.19E-07	2.98E-06	1.89E-06	5.38E-07	2.43E-06	4.48E-07	1.38E-07	5.86E-07	3.49E-07	6.63E-08	4.15E-07
3078	624328.93	4265737.25	2.37E-06	7.51E-07	3.12E-06	1.98E-06	5.62E-07	2.54E-06	4.68E-07	1.44E-07	6.12E-07	3.65E-07	6.93E-08	4.34E-07
3079	624328.79	4265747.15	2.47E-06	7.84E-07	3.25E-06	2.06E-06	5.87E-07	2.65E-06	4.88E-07	1.50E-07	6.39E-07	3.81E-07	7.23E-08	4.53E-07
3080	624328.65	4265757.04	2.57E-06	8.16E-07	3.38E-06	2.15E-06	6.11E-07	2.76E-06	5.08E-07	1.56E-07	6.65E-07	3.96E-07	7.53E-08	4.72E-07
3081	624328.5	4265766.93	2.67E-06	8.46E-07	3.51E-06	2.23E-06	6.34E-07	2.86E-06	5.28E-07	1.62E-07	6.90E-07	4.11E-07	7.81E-08	4.89E-07
3082	624328.36	4265776.82	2.76E-06	8.76E-07	3.64E-06	2.31E-06	6.56E-07	2.96E-06	5.46E-07	1.68E-07	7.14E-07	4.26E-07	8.09E-08	5.07E-07
3083	624328.22	4265786.72	2.85E-06	9.05E-07	3.75E-06	2.38E-06	6.77E-07	3.06E-06	5.64E-07	1.73E-07	7.37E-07	4.40E-07	8.35E-08	5.23E-07
3084	624328.07	4265796.61	2.93E-06	9.31E-07	3.86E-06	2.45E-06	6.97E-07	3.15E-06	5.80E-07	1.78E-07	7.59E-07	4.53E-07	8.60E-08	5.38E-07
3085	624327.93	4265806.5	3.01E-06	9.57E-07	3.97E-06	2.52E-06	7.16E-07	3.23E-06	5.96E-07	1.83E-07	7.79E-07	4.65E-07	8.83E-08	5.53E-07
3086	624327.79	4265816.39	3.09E-06	9.80E-07	4.07E-06	2.58E-06	7.34E-07	3.31E-06	6.11E-07	1.88E-07	7.99E-07	4.76E-07	9.05E-08	5.67E-07
3087	624327.64	4265826.29	3.16E-06	1.00E-06	4.16E-06	2.64E-06	7.50E-07	3.39E-06	6.25E-07	1.92E-07	8.17E-07	4.87E-07	9.25E-08	5.79E-07
3088	624322.96	4265660.84	1.56E-06	4.96E-07	2.06E-06	1.30E-06	3.71E-07	1.68E-06	3.09E-07	9.50E-08	4.04E-07	2.41E-07	4.58E-08	2.87E-07
3089	624329.02	4265646.78	1.52E-06	4.84E-07	2.01E-06	1.27E-06	3.62E-07	1.64E-06	3.02E-07	9.27E-08	3.94E-07	2.35E-07	4.47E-08	2.80E-07
3090	624309.79	4265677.61	1.54E-06	4.88E-07	2.03E-06	1.28E-06	3.65E-07	1.65E-06	3.04E-07	9.35E-08	3.98E-07	2.37E-07	4.50E-08	2.82E-07
3091	624309.65	4265687.5	1.60E-06	5.08E-07	2.11E-06	1.34E-06	3.80E-07	1.72E-06	3.17E-07	9.73E-08	4.14E-07	2.47E-07	4.69E-08	2.94E-07
3092	624309.51	4265697.39	1.66E-06	5.29E-07	2.19E-06	1.39E-06	3.96E-07	1.79E-06	3.29E-07	1.01E-07	4.31E-07	2.57E-07	4.88E-08	3.06E-07
3093	624309.36	4265707.29	1.73E-06	5.50E-07	2.28E-06	1.45E-06	4.12E-07	1.86E-06	3.43E-07	1.05E-07	4.48E-07	2.67E-07	5.08E-08	3.18E-07
3094	624309.22	4265717.18	1.80E-06	5.72E-07	2.37E-06	1.51E-06	4.29E-07	1.94E-06	3.57E-07	1.10E-07	4.66E-07	2.78E-07	5.28E-08	3.31E-07
3095	624309.08	4265727.07	1.87E-06	5.95E-07	2.47E-06	1.57E-06	4.46E-07	2.01E-06	3.71E-07	1.14E-07	4.85E-07	2.89E-07	5.49E-08	3.44E-07
3096	624308.93	4265736.96	1.95E-06	6.18E-07	2.56E-06	1.63E-06	4.63E-07	2.09E-06	3.85E-07	1.18E-07	5.03E-07	3.00E-07	5.70E-08	3.57E-07
3097	624308.79	4265746.86	2.02E-06	6.41E-07	2.66E-06	1.69E-06	4.80E-07	2.17E-06	3.99E-07	1.23E-07	5.22E-07	3.11E-07	5.91E-08	3.70E-07
3098	624308.65	4265756.75	2.09E-06	6.63E-07	2.75E-06	1.75E-06	4.97E-07	2.24E-06	4.14E-07	1.27E-07	5.41E-07	3.22E-07	6.12E-08	3.84E-07
3099	624308.5	4265766.64	2.16E-06	6.86E-07	2.85E-06	1.81E-06	5.13E-07	2.32E-06	4.27E-07	1.31E-07	5.59E-07	3.33E-07	6.33E-08	3.97E-07
3100	624308.36	4265776.53	2.23E-06	7.08E-07	2.94E-06	1.86E-06	5.30E-07	2.39E-06	4.41E-07	1.36E-07	5.77E-07	3.44E-07	6.53E-08	4.09E-07
3101	624308.07	4265796.32	2.36E-06	7.50E-07	3.11E-06	1.97E-06	5.61E-07	2.53E-06	4.67E-07	1.44E-07	6.11E-07	3.64E-07	6.92E-08	4.33E-07
3102	624307.93	4265806.21	2.42E-06	7.69E-07	3.19E-06	2.03E-06	5.76E-07	2.60E-06	4.80E-07	1.47E-07	6.27E-07	3.74E-07	7.10E-08	4.45E-07
3103	624307.79	4265816.1	2.48E-06	7.88E-07	3.27E-06	2.07E-06	5.90E-07	2.67E-06	4.91E-07	1.51E-07	6.42E-07	3.83E-07	7.28E-08	4.56E-07
3104	624307.65	4265826	2.54E-06	8.06E-07	3.34E-06	2.12E-06	6.04E-07	2.73E-06	5.02E-07	1.54E-07	6.57E-07	3.92E-07	7.44E-08	4.66E-07

3105	624303.57	4265659.14	1.38E-06	4.37E-07	1.81E-06	1.15E-06	3.27E-07	1.48E-06	2.73E-07	8.38E-08	3.56E-07	2.12E-07	4.04E-08	2.53E-07
3106	624299.94	4265667.57	1.39E-06	4.42E-07	1.83E-06	1.16E-06	3.31E-07	1.49E-06	2.75E-07	8.46E-08	3.60E-07	2.15E-07	4.08E-08	2.55E-07
3107	624299.79	4265677.46	1.44E-06	4.58E-07	1.90E-06	1.20E-06	3.43E-07	1.55E-06	2.85E-07	8.77E-08	3.73E-07	2.22E-07	4.22E-08	2.65E-07
3108	624299.65	4265687.36	1.49E-06	4.75E-07	1.97E-06	1.25E-06	3.55E-07	1.60E-06	2.96E-07	9.09E-08	3.87E-07	2.31E-07	4.38E-08	2.74E-07
3109	624299.51	4265697.25	1.55E-06	4.92E-07	2.04E-06	1.30E-06	3.69E-07	1.66E-06	3.07E-07	9.43E-08	4.01E-07	2.39E-07	4.54E-08	2.85E-07
3110	624299.36	4265707.14	1.61E-06	5.11E-07	2.12E-06	1.34E-06	3.82E-07	1.73E-06	3.18E-07	9.78E-08	4.16E-07	2.48E-07	4.71E-08	2.95E-07
3111	624299.22	4265717.03	1.67E-06	5.30E-07	2.20E-06	1.39E-06	3.96E-07	1.79E-06	3.30E-07	1.01E-07	4.32E-07	2.57E-07	4.89E-08	3.06E-07
3112	624299.08	4265726.93	1.73E-06	5.49E-07	2.28E-06	1.44E-06	4.11E-07	1.86E-06	3.42E-07	1.05E-07	4.47E-07	2.67E-07	5.07E-08	3.17E-07
3113	624298.93	4265736.82	1.79E-06	5.68E-07	2.36E-06	1.50E-06	4.26E-07	1.92E-06	3.54E-07	1.09E-07	4.63E-07	2.76E-07	5.25E-08	3.29E-07
3114	624298.79	4265746.71	1.85E-06	5.88E-07	2.44E-06	1.55E-06	4.40E-07	1.99E-06	3.66E-07	1.13E-07	4.79E-07	2.86E-07	5.43E-08	3.40E-07
3115	624298.65	4265756.6	1.91E-06	6.08E-07	2.52E-06	1.60E-06	4.55E-07	2.05E-06	3.79E-07	1.16E-07	4.95E-07	2.95E-07	5.61E-08	3.51E-07
3116	624298.51	4265766.5	1.97E-06	6.27E-07	2.60E-06	1.65E-06	4.69E-07	2.12E-06	3.91E-07	1.20E-07	5.11E-07	3.05E-07	5.79E-08	3.62E-07
3117	624298.36	4265776.39	2.03E-06	6.46E-07	2.68E-06	1.70E-06	4.84E-07	2.18E-06	4.03E-07	1.24E-07	5.26E-07	3.14E-07	5.96E-08	3.73E-07
3118	624298.08	4265796.17	2.15E-06	6.83E-07	2.83E-06	1.80E-06	5.11E-07	2.31E-06	4.25E-07	1.31E-07	5.56E-07	3.32E-07	6.30E-08	3.95E-07
3119	624297.93	4265806.07	2.20E-06	7.00E-07	2.90E-06	1.84E-06	5.24E-07	2.37E-06	4.36E-07	1.34E-07	5.70E-07	3.40E-07	6.46E-08	4.05E-07
3120	624297.79	4265815.96	2.26E-06	7.17E-07	2.97E-06	1.89E-06	5.37E-07	2.42E-06	4.47E-07	1.37E-07	5.84E-07	3.48E-07	6.61E-08	4.14E-07
3121	624297.65	4265825.85	2.31E-06	7.33E-07	3.04E-06	1.93E-06	5.49E-07	2.48E-06	4.57E-07	1.40E-07	5.97E-07	3.56E-07	6.76E-08	4.24E-07
3122	624293.47	4265659.23	1.30E-06	4.13E-07	1.72E-06	1.09E-06	3.10E-07	1.40E-06	2.58E-07	7.92E-08	3.37E-07	2.01E-07	3.82E-08	2.39E-07
3123	624289.94	4265667.43	1.31E-06	4.17E-07	1.73E-06	1.10E-06	3.12E-07	1.41E-06	2.60E-07	7.99E-08	3.40E-07	2.03E-07	3.85E-08	2.41E-07
3124	624289.79	4265677.32	1.36E-06	4.31E-07	1.79E-06	1.13E-06	3.23E-07	1.46E-06	2.69E-07	8.26E-08	3.51E-07	2.09E-07	3.98E-08	2.49E-07
3125	624289.65	4265687.21	1.40E-06	4.46E-07	1.85E-06	1.17E-06	3.34E-07	1.51E-06	2.78E-07	8.54E-08	3.63E-07	2.17E-07	4.11E-08	2.58E-07
3126	624289.51	4265697.1	1.45E-06	4.61E-07	1.91E-06	1.21E-06	3.45E-07	1.56E-06	2.87E-07	8.83E-08	3.75E-07	2.24E-07	4.25E-08	2.66E-07
3127	624289.36	4265707	1.50E-06	4.77E-07	1.98E-06	1.25E-06	3.57E-07	1.61E-06	2.97E-07	9.13E-08	3.88E-07	2.32E-07	4.40E-08	2.76E-07
3128	624289.22	4265716.89	1.55E-06	4.93E-07	2.05E-06	1.30E-06	3.69E-07	1.67E-06	3.07E-07	9.44E-08	4.02E-07	2.39E-07	4.55E-08	2.85E-07
3129	624289.08	4265726.78	1.60E-06	5.10E-07	2.11E-06	1.34E-06	3.82E-07	1.72E-06	3.18E-07	9.77E-08	4.15E-07	2.48E-07	4.70E-08	2.95E-07
3130	624288.94	4265736.67	1.66E-06	5.27E-07	2.18E-06	1.39E-06	3.94E-07	1.78E-06	3.28E-07	1.01E-07	4.29E-07	2.56E-07	4.86E-08	3.04E-07
3131	624288.79	4265746.57	1.71E-06	5.44E-07	2.26E-06	1.43E-06	4.07E-07	1.84E-06	3.39E-07	1.04E-07	4.43E-07	2.64E-07	5.02E-08	3.14E-07
3132	624288.65	4265756.46	1.77E-06	5.61E-07	2.33E-06	1.48E-06	4.20E-07	1.89E-06	3.49E-07	1.07E-07	4.57E-07	2.72E-07	5.17E-08	3.24E-07
3133	624288.51	4265766.35	1.82E-06	5.77E-07	2.40E-06	1.52E-06	4.32E-07	1.95E-06	3.60E-07	1.11E-07	4.70E-07	2.81E-07	5.33E-08	3.34E-07
3134	624288.36	4265776.24	1.87E-06	5.94E-07	2.46E-06	1.56E-06	4.45E-07	2.01E-06	3.70E-07	1.14E-07	4.84E-07	2.89E-07	5.48E-08	3.43E-07
3135	624288.08	4265796.03	1.97E-06	6.26E-07	2.60E-06	1.65E-06	4.69E-07	2.12E-06	3.90E-07	1.20E-07	5.10E-07	3.04E-07	5.78E-08	3.62E-07
3136	624287.93	4265805.92	2.02E-06	6.42E-07	2.66E-06	1.69E-06	4.80E-07	2.17E-06	4.00E-07	1.23E-07	5.23E-07	3.12E-07	5.92E-08	3.71E-07
3137	624287.79	4265815.81	2.07E-06	6.56E-07	2.72E-06	1.73E-06	4.91E-07	2.22E-06	4.09E-07	1.26E-07	5.35E-07	3.19E-07	6.06E-08	3.80E-07
3138	624287.65	4265825.71	2.11E-06	6.71E-07	2.78E-06	1.77E-06	5.02E-07	2.27E-06	4.18E-07	1.29E-07	5.47E-07	3.26E-07	6.19E-08	3.88E-07
3139	624283.4	4265659.25	1.23E-06	3.92E-07	1.63E-06	1.03E-06	2.94E-07	1.33E-06	2.44E-07	7.51E-08	3.19E-07	1.90E-07	3.62E-08	2.27E-07
3140	624279.8	4265677.18	1.28E-06	4.07E-07	1.69E-06	1.07E-06	3.05E-07	1.38E-06	2.54E-07	7.80E-08	3.32E-07	1.98E-07	3.76E-08	2.35E-07
3141	624279.65	4265687.07	1.32E-06	4.20E-07	1.74E-06	1.11E-06	3.14E-07	1.42E-06	2.62E-07	8.05E-08	3.42E-07	2.04E-07	3.88E-08	2.43E-07
3142	624279.51	4265696.96	1.36E-06	4.33E-07	1.80E-06	1.14E-06	3.24E-07	1.46E-06	2.70E-07	8.30E-08	3.53E-07	2.11E-07	4.00E-08	2.50E-07
3143	624279.37	4265706.85	1.41E-06	4.47E-07	1.85E-06	1.18E-06	3.35E-07	1.51E-06	2.79E-07	8.56E-08	3.64E-07	2.17E-07	4.12E-08	2.58E-07
3144	624279.22	4265716.75	1.45E-06	4.61E-07	1.91E-06	1.21E-06	3.45E-07	1.56E-06	2.87E-07	8.84E-08	3.76E-07	2.24E-07	4.26E-08	2.67E-07
3145	624279.08	4265726.64	1.50E-06	4.76E-07	1.97E-06	1.25E-06	3.56E-07	1.61E-06	2.97E-07	9.12E-08	3.88E-07	2.31E-07	4.39E-08	2.75E-07
3146	624278.94	4265736.53	1.54E-06	4.91E-07	2.04E-06	1.29E-06	3.67E-07	1.66E-06	3.06E-07	9.40E-08	4.00E-07	2.38E-07	4.53E-08	2.84E-07
3147	624278.79	4265746.42	1.59E-06	5.05E-07	2.10E-06	1.33E-06	3.78E-07	1.71E-06	3.15E-07	9.68E-08	4.12E-07	2.46E-07	4.66E-08	2.92E-07
3148	624278.65	4265756.32	1.64E-06	5.20E-07	2.16E-06	1.37E-06	3.90E-07	1.76E-06	3.24E-07	9.97E-08	4.24E-07	2.53E-07	4.80E-08	3.01E-07
3149	624278.51	4265766.21	1.68E-06	5.35E-07	2.22E-06	1.41E-06	4.01E-07	1.81E-06	3.34E-07	1.03E-07	4.36E-07	2.60E-07	4.94E-08	3.09E-07
3150	624278.36	4265776.1	1.73E-06	5.50E-07	2.28E-06	1.45E-06	4.12E-07	1.86E-06	3.43E-07	1.05E-07	4.48E-07	2.67E-07	5.07E-08	3.18E-07
3151	624278.08	4265795.89	1.82E-06	5.78E-07	2.40E-06	1.52E-06	4.33E-07	1.95E-06	3.60E-07	1.11E-07	4.71E-07	2.81E-07	5.34E-08	3.34E-07
3152	624277.93	4265805.78	1.86E-06	5.92E-07	2.46E-06	1.56E-06	4.43E-07	2.00E-06	3.69E-07	1.13E-07	4.82E-07	2.88E-07	5.46E-08	3.42E-07
3153	624277.79	4265815.67	1.91E-06	6.05E-07	2.51E-06	1.59E-06	4.53E-07	2.05E-06	3.77E-07	1.16E-07	4.93E-07	2.94E-07	5.58E-08	3.50E-07
3154	624277.65	4265825.56	1.95E-06	6.18E-07	2.56E-06	1.63E-06	4.63E-07	2.09E-06	3.85E-07	1.18E-07	5.03E-07	3.00E-07	5.70E-08	3.57E-07
3155	624342.9	4265585.72	1.26E-06	3.99E-07	1.66E-06	1.05E-06	2.99E-07	1.35E-06	2.49E-07	7.65E-08	3.26E-07	1.94E-07	3.69E-08	2.31E-07
3156	624352.04	4265582.09	1.29E-06	4.09E-07	1.70E-06	1.08E-06	3.06E-07	1.38E-06	2.55E-07	7.83E-08	3.33E-07	1.99E-07	3.77E-08	2.36E-07
3157	624269.94	4265667.14	1.18E-06	3.75E-07	1.56E-06	9.87E-07	2.81E-07	1.27E-06	2.34E-07	7.19E-08	3.06E-07	1.82E-07	3.46E-08	2.17E-07
3158	624269.8	4265677.03	1.22E-06	3.86E-07	1.60E-06	1.02E-06	2.89E-07	1.30E-06	2.41E-07	7.39E-08	3.14E-07	1.88E-07	3.56E-08	2.23E-07
3159	624269.65	4265686.92	1.25E-06	3.97E-07	1.65E-06	1.05E-06	2.97E-07	1.34E-06	2.48E-07	7.61E-08	3.24E-07	1.93E-07	3.67E-08	2.30E-07
3160	624269.51	4265696.82	1.29E-06	4.09E-07	1.70E-06	1.08E-06	3.06E-07	1.38E-06	2.55E-07	7.83E-08	3.33E-07	1.99E-07	3.77E-08	2.36E-07
3161	624269.37	4265706.71	1.33E-06	4.21E-07	1.75E-06	1.11E-06	3.15E-07	1.42E-06	2.62E-07	8.06E-08	3.43E-07	2.04E-07	3.88E-08	2.43E-07
3162	624269.22	4265716.6	1.36E-06	4.33E-07	1.80E-06	1.14E-06	3.24E-07	1.46E-06	2.70E-07	8.30E-08	3.53E-07	2.10E-07	4.00E-08	2.50E-07
3163	624269.08	4265726.49	1.40E-06	4.46E-07	1.85E-06	1.17E-06	3.34E-07	1.51E-06	2.78E-07	8.55E-08	3.63E-07	2.17E-07	4.12E-08	2.58E-07
3164	624268.94	4265736.39	1.45E-06	4.59E-07	1.90E-06	1.21E-06	3.44E-07	1.55E-06	2.86E-07	8.80E-08	3.74E-07	2.23E-07	4.24E-08	2.65E-07
3165	624268.79	4265746.28	1.49E-06	4.72E-07	1.96E-06	1.24E-06	3.54E-07	1.60E-06	2.94E-07	9.05E-08	3.85E-07	2.29E-07	4.36E-08	2.73E-07
3166	624268.65	4265756.17	1.53E-06	4.85E-07	2.01E-06	1.28E-06	3.63E-07	1.64E-06	3.03E-07	9.30E-08	3.96E-07	2.36E-07	4.48E-08	2.81E-07
3167	624268.51	4265766.06	1.57E-06	4.98E-07	2.07E-06	1.31E-06	3.73E-07	1.69E-06	3.11E-07	9.55E-08	4.06E-07	2.42E-07	4.60E-08	2.88E-07
3168	624268.37	4265775.96	1.61E-06	5.11E-07	2.12E-06	1.35E-06	3.83E-07	1.73E-06	3.19E-07	9.80E-08	4.17E-07	2.49E-07	4.72E-08	2.96E-07
3169	624268.08	4265795.74	1.69E-06	5.37E-07	2.23E-06	1.41E-06	4.02E-07	1.81E-06	3.34E-07	1.03E-07	4.37E-07	2.61E-07	4.95E-08	3.10E-07
3170	624267.94	4265805.63	1.73E-06	5.49E-07	2.28E-06	1.44E-06	4.11E-07	1.86E-06	3.42E-07	1.05E-07	4.47E-07	2.67E-07	5.07E-08	3.17E-07
3171	624267.79	4265815.53	1.77E-06	5.61E-07	2.33E-06	1.48E-06	4.20E-07	1.90E-06	3.49E-07	1.07E-07	4.57E-07	2.72E-07	5.17E-08	3.24E-07
3172	624267.65	4265825.42	1.80E-06	5.72E-07	2.37E-06	1.51E-06	4.28E-07	1.93E-06	3.57E-07	1.10E-07	4.66E-07	2.78E-07	5.28E-08	3.31E-07
3173	624316.89	4265586.13	1.13E-06	3.60E-07	1.49E-06	9.47E-07	2.69E-07	1.22E-06	2.24E-07	6.89E-08	2.93E-07	1.75E-07	3.32E-08	2.08E-07
3174	624325.77	4265582.59	1.16E-06	3.68E-07	1.53E-06	9.69E-07	2.76E-07	1.24E-06	2.29E-07	7.05E-08	3.00E-07	1.79E-07	3.40E-08	2.13E-07
3175	624334.66	4265579.06	1.18E-06	3.76E-07	1.56E-06	9.90E-07	2.82E-07	1.27E-06	2.35E-07	7.21E-08	3.07E-07	1.83E-07	3.47E-08	2.18E-07
3176	624343.54	4265575.52	1.21E-06	3.84E-07	1.59E-06	1.01E-06	2.88E-07	1.30E-06	2.40E-07	7.37E-08	3.13E-07	1.87E-07	3.55E-08	2.22E-07
3177	624352.43	4265571.99	1.24E-06	3.93E-07	1.63E-06	1.03E-06	2.94E-07	1.33E-06	2.45E-07	7.52E-08	3.20E-07	1.91E-07	3.62E-08	2.27E-07
3178	624259.94	4265666.99	1.12E-06	3.57E-07	1.48E-06	9.39E-07	2.67E-07	1.21E-06	2.22E-07	6.84E-08	2.91E-07	1.73E-07	3.29E-08	2.06E-07

3179	624259.8	4265676.89	1.15E-06	3.67E-07	1.52E-06	9.65E-07	2.74E-07	1.24E-06	2.28E-07	7.02E-08	2.99E-07	1.78E-07	3.38E-08	2.12E-07
3180	624259.65	4265686.78	1.19E-06	3.77E-07	1.56E-06	9.91E-07	2.82E-07	1.27E-06	2.35E-07	7.21E-08	3.07E-07	1.83E-07	3.48E-08	2.18E-07
3181	624259.51	4265696.67	1.22E-06	3.87E-07	1.60E-06	1.02E-06	2.90E-07	1.31E-06	2.41E-07	7.41E-08	3.15E-07	1.88E-07	3.57E-08	2.24E-07
3182	624259.37	4265706.56	1.25E-06	3.97E-07	1.65E-06	1.05E-06	2.98E-07	1.34E-06	2.48E-07	7.61E-08	3.24E-07	1.93E-07	3.67E-08	2.30E-07
3183	624259.22	4265716.46	1.29E-06	4.08E-07	1.69E-06	1.07E-06	3.06E-07	1.38E-06	2.55E-07	7.82E-08	3.33E-07	1.98E-07	3.77E-08	2.36E-07
3184	624259.08	4265726.35	1.32E-06	4.20E-07	1.74E-06	1.10E-06	3.14E-07	1.42E-06	2.62E-07	8.04E-08	3.42E-07	2.04E-07	3.87E-08	2.43E-07
3185	624258.94	4265736.24	1.36E-06	4.31E-07	1.79E-06	1.13E-06	3.23E-07	1.46E-06	2.69E-07	8.26E-08	3.51E-07	2.10E-07	3.98E-08	2.49E-07
3186	624258.8	4265746.13	1.39E-06	4.43E-07	1.84E-06	1.17E-06	3.32E-07	1.50E-06	2.76E-07	8.49E-08	3.61E-07	2.15E-07	4.09E-08	2.56E-07
3187	624258.65	4265756.03	1.43E-06	4.55E-07	1.89E-06	1.20E-06	3.40E-07	1.54E-06	2.83E-07	8.71E-08	3.71E-07	2.21E-07	4.20E-08	2.63E-07
3188	624258.51	4265765.92	1.47E-06	4.66E-07	1.93E-06	1.23E-06	3.49E-07	1.58E-06	2.91E-07	8.94E-08	3.80E-07	2.27E-07	4.30E-08	2.70E-07
3189	624258.37	4265775.81	1.50E-06	4.78E-07	1.98E-06	1.26E-06	3.58E-07	1.62E-06	2.98E-07	9.16E-08	3.89E-07	2.32E-07	4.41E-08	2.76E-07
3190	624258.08	4265795.6	1.58E-06	5.00E-07	2.08E-06	1.32E-06	3.75E-07	1.69E-06	3.12E-07	9.59E-08	4.08E-07	2.43E-07	4.62E-08	2.89E-07
3191	624257.94	4265805.49	1.61E-06	5.11E-07	2.12E-06	1.35E-06	3.83E-07	1.73E-06	3.19E-07	9.80E-08	4.17E-07	2.48E-07	4.72E-08	2.96E-07
3192	624257.79	4265815.38	1.64E-06	5.22E-07	2.17E-06	1.37E-06	3.91E-07	1.76E-06	3.25E-07	1.00E-07	4.25E-07	2.54E-07	4.82E-08	3.02E-07
3193	624257.65	4265825.27	1.68E-06	5.32E-07	2.21E-06	1.40E-06	3.98E-07	1.80E-06	3.32E-07	1.02E-07	4.34E-07	2.59E-07	4.91E-08	3.08E-07
3194	624238.73	4265657.85	9.95E-07	3.16E-07	1.31E-06	8.32E-07	2.37E-07	1.07E-06	1.97E-07	6.06E-08	2.58E-07	1.54E-07	2.92E-08	1.83E-07
3195	624242.51	4265649.07	9.90E-07	3.14E-07	1.30E-06	8.28E-07	2.35E-07	1.06E-06	1.96E-07	6.03E-08	2.56E-07	1.53E-07	2.90E-08	1.82E-07
3196	624246.3	4265640.28	9.85E-07	3.13E-07	1.30E-06	8.23E-07	2.34E-07	1.06E-06	1.95E-07	5.99E-08	2.55E-07	1.52E-07	2.89E-08	1.81E-07
3197	624269.02	4265587.59	9.46E-07	3.00E-07	1.25E-06	7.91E-07	2.25E-07	1.02E-06	1.87E-07	5.76E-08	2.45E-07	1.46E-07	2.77E-08	1.74E-07
3198	624281.69	4265575.27	9.59E-07	3.05E-07	1.26E-06	8.02E-07	2.28E-07	1.03E-06	1.90E-07	5.84E-08	2.48E-07	1.48E-07	2.81E-08	1.76E-07
3199	624290.57	4265571.74	9.80E-07	3.11E-07	1.29E-06	8.19E-07	2.33E-07	1.05E-06	1.94E-07	5.97E-08	2.54E-07	1.51E-07	2.87E-08	1.80E-07
3200	624299.46	4265568.2	1.00E-06	3.18E-07	1.32E-06	8.37E-07	2.38E-07	1.08E-06	1.98E-07	6.09E-08	2.59E-07	1.55E-07	2.94E-08	1.84E-07
3201	624308.35	4265564.67	1.02E-06	3.25E-07	1.35E-06	8.55E-07	2.43E-07	1.10E-06	2.02E-07	6.22E-08	2.65E-07	1.58E-07	3.00E-08	1.88E-07
3202	624317.23	4265561.13	1.04E-06	3.31E-07	1.37E-06	8.72E-07	2.48E-07	1.12E-06	2.06E-07	6.35E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
3203	624326.12	4265557.59	1.06E-06	3.38E-07	1.40E-06	8.88E-07	2.53E-07	1.14E-06	2.10E-07	6.47E-08	2.75E-07	1.64E-07	3.12E-08	1.95E-07
3204	624335	4265554.06	1.08E-06	3.44E-07	1.43E-06	9.05E-07	2.57E-07	1.16E-06	2.14E-07	6.59E-08	2.80E-07	1.67E-07	3.17E-08	1.99E-07
3205	624343.89	4265550.52	1.10E-06	3.50E-07	1.45E-06	9.21E-07	2.62E-07	1.18E-06	2.18E-07	6.71E-08	2.85E-07	1.70E-07	3.23E-08	2.02E-07
3206	624352.78	4265546.99	1.12E-06	3.56E-07	1.48E-06	9.38E-07	2.67E-07	1.21E-06	2.22E-07	6.83E-08	2.90E-07	1.73E-07	3.29E-08	2.06E-07
3207	624234.66	4265686.42	1.05E-06	3.33E-07	1.38E-06	8.75E-07	2.49E-07	1.12E-06	2.07E-07	6.37E-08	2.71E-07	1.62E-07	3.07E-08	1.92E-07
3208	624234.51	4265696.31	1.07E-06	3.40E-07	1.41E-06	8.96E-07	2.55E-07	1.15E-06	2.12E-07	6.52E-08	2.77E-07	1.65E-07	3.14E-08	1.97E-07
3209	624234.37	4265706.2	1.10E-06	3.48E-07	1.44E-06	9.17E-07	2.61E-07	1.18E-06	2.17E-07	6.67E-08	2.84E-07	1.69E-07	3.21E-08	2.01E-07
3210	624234.23	4265716.09	1.12E-06	3.56E-07	1.48E-06	9.38E-07	2.67E-07	1.21E-06	2.22E-07	6.83E-08	2.90E-07	1.73E-07	3.29E-08	2.06E-07
3211	624234.08	4265725.99	1.15E-06	3.65E-07	1.51E-06	9.60E-07	2.73E-07	1.23E-06	2.27E-07	6.99E-08	2.97E-07	1.77E-07	3.37E-08	2.11E-07
3212	624233.94	4265735.88	1.18E-06	3.74E-07	1.55E-06	9.84E-07	2.80E-07	1.26E-06	2.33E-07	7.16E-08	3.05E-07	1.82E-07	3.45E-08	2.16E-07
3213	624233.8	4265745.77	1.20E-06	3.83E-07	1.59E-06	1.01E-06	2.86E-07	1.29E-06	2.38E-07	7.33E-08	3.12E-07	1.86E-07	3.53E-08	2.21E-07
3214	624233.65	4265755.66	1.23E-06	3.92E-07	1.62E-06	1.03E-06	2.93E-07	1.32E-06	2.44E-07	7.50E-08	3.19E-07	1.90E-07	3.61E-08	2.26E-07
3215	624233.51	4265765.56	1.26E-06	4.01E-07	1.66E-06	1.05E-06	3.00E-07	1.35E-06	2.50E-07	7.68E-08	3.26E-07	1.95E-07	3.70E-08	2.32E-07
3216	624233.37	4265775.45	1.29E-06	4.10E-07	1.70E-06	1.08E-06	3.07E-07	1.38E-06	2.55E-07	7.85E-08	3.34E-07	1.99E-07	3.78E-08	2.37E-07
3217	624233.23	4265785.34	1.32E-06	4.18E-07	1.74E-06	1.10E-06	3.13E-07	1.41E-06	2.61E-07	8.02E-08	3.41E-07	2.03E-07	3.86E-08	2.42E-07
3218	624233.08	4265795.23	1.34E-06	4.27E-07	1.77E-06	1.12E-06	3.20E-07	1.44E-06	2.66E-07	8.18E-08	3.48E-07	2.08E-07	3.94E-08	2.47E-07
3219	624232.94	4265805.13	1.37E-06	4.36E-07	1.81E-06	1.15E-06	3.26E-07	1.47E-06	2.72E-07	8.35E-08	3.55E-07	2.12E-07	4.02E-08	2.52E-07
3220	624232.8	4265815.02	1.40E-06	4.44E-07	1.84E-06	1.17E-06	3.32E-07	1.50E-06	2.77E-07	8.51E-08	3.62E-07	2.16E-07	4.10E-08	2.57E-07
3221	624232.65	4265824.91	1.42E-06	4.52E-07	1.88E-06	1.19E-06	3.38E-07	1.53E-06	2.82E-07	8.66E-08	3.68E-07	2.20E-07	4.17E-08	2.61E-07
3222	624213.73	4265657.49	8.95E-07	2.84E-07	1.18E-06	7.48E-07	2.13E-07	9.61E-07	1.77E-07	5.45E-08	2.32E-07	1.38E-07	2.62E-08	1.64E-07
3223	624217.52	4265648.71	8.92E-07	2.83E-07	1.17E-06	7.45E-07	2.12E-07	9.57E-07	1.76E-07	5.43E-08	2.31E-07	1.38E-07	2.61E-08	1.64E-07
3224	624221.3	4265639.92	8.88E-07	2.82E-07	1.17E-06	7.42E-07	2.11E-07	9.54E-07	1.76E-07	5.40E-08	2.30E-07	1.37E-07	2.60E-08	1.63E-07
3225	624225.09	4265631.14	8.85E-07	2.81E-07	1.17E-06	7.39E-07	2.10E-07	9.50E-07	1.75E-07	5.38E-08	2.29E-07	1.36E-07	2.59E-08	1.62E-07
3226	624244.02	4265587.23	8.64E-07	2.74E-07	1.14E-06	7.22E-07	2.05E-07	9.27E-07	1.71E-07	5.26E-08	2.24E-07	1.33E-07	2.53E-08	1.59E-07
3227	624247.81	4265578.45	8.58E-07	2.73E-07	1.13E-06	7.17E-07	2.04E-07	9.21E-07	1.70E-07	5.22E-08	2.22E-07	1.32E-07	2.52E-08	1.58E-07
3228	624251.59	4265569.66	8.52E-07	2.71E-07	1.12E-06	7.12E-07	2.03E-07	9.15E-07	1.69E-07	5.18E-08	2.20E-07	1.31E-07	2.50E-08	1.56E-07
3229	624264.26	4265557.35	8.63E-07	2.74E-07	1.14E-06	7.21E-07	2.05E-07	9.27E-07	1.71E-07	5.25E-08	2.23E-07	1.33E-07	2.53E-08	1.58E-07
3230	624273.15	4265553.81	8.81E-07	2.80E-07	1.16E-06	7.36E-07	2.09E-07	9.46E-07	1.74E-07	5.36E-08	2.28E-07	1.36E-07	2.58E-08	1.62E-07
3231	624282.04	4265550.28	8.98E-07	2.85E-07	1.18E-06	7.51E-07	2.14E-07	9.64E-07	1.78E-07	5.47E-08	2.32E-07	1.39E-07	2.63E-08	1.65E-07
3232	624290.92	4265546.74	9.15E-07	2.91E-07	1.21E-06	7.65E-07	2.18E-07	9.83E-07	1.81E-07	5.57E-08	2.37E-07	1.41E-07	2.68E-08	1.68E-07
3233	624299.81	4265543.2	9.32E-07	2.96E-07	1.23E-06	7.79E-07	2.22E-07	1.00E-06	1.84E-07	5.67E-08	2.41E-07	1.44E-07	2.73E-08	1.71E-07
3234	624308.69	4265539.67	9.48E-07	3.01E-07	1.25E-06	7.93E-07	2.25E-07	1.02E-06	1.88E-07	5.77E-08	2.45E-07	1.46E-07	2.78E-08	1.74E-07
3235	624317.58	4265536.13	9.64E-07	3.06E-07	1.27E-06	8.06E-07	2.29E-07	1.03E-06	1.91E-07	5.86E-08	2.49E-07	1.49E-07	2.82E-08	1.77E-07
3236	624326.47	4265532.6	9.79E-07	3.11E-07	1.29E-06	8.19E-07	2.33E-07	1.05E-06	1.94E-07	5.96E-08	2.53E-07	1.51E-07	2.87E-08	1.80E-07
3237	624335.35	4265529.06	9.95E-07	3.16E-07	1.31E-06	8.31E-07	2.37E-07	1.07E-06	1.97E-07	6.05E-08	2.57E-07	1.53E-07	2.92E-08	1.83E-07
3238	624344.24	4265525.53	1.01E-06	3.21E-07	1.33E-06	8.45E-07	2.40E-07	1.08E-06	2.00E-07	6.15E-08	2.61E-07	1.56E-07	2.96E-08	1.86E-07
3239	624353.12	4265521.99	1.03E-06	3.26E-07	1.35E-06	8.58E-07	2.44E-07	1.10E-06	2.03E-07	6.25E-08	2.66E-07	1.58E-07	3.01E-08	1.89E-07
3240	624209.95	4265666.27	8.98E-07	2.85E-07	1.18E-06	7.51E-07	2.14E-07	9.64E-07	1.78E-07	5.47E-08	2.32E-07	1.39E-07	2.63E-08	1.65E-07
3241	624209.8	4265676.16	9.17E-07	2.91E-07	1.21E-06	7.66E-07	2.18E-07	9.84E-07	1.81E-07	5.58E-08	2.37E-07	1.41E-07	2.69E-08	1.68E-07
3242	624209.66	4265686.06	9.36E-07	2.97E-07	1.23E-06	7.82E-07	2.23E-07	1.00E-06	1.85E-07	5.69E-08	2.42E-07	1.44E-07	2.74E-08	1.72E-07
3243	624209.09	4265725.63	1.01E-06	3.22E-07	1.34E-06	8.48E-07	2.41E-07	1.09E-06	2.01E-07	6.17E-08	2.63E-07	1.57E-07	2.97E-08	1.86E-07
3244	624208.94	4265735.52	1.04E-06	3.29E-07	1.36E-06	8.66E-07	2.46E-07	1.11E-06	2.05E-07	6.30E-08	2.68E-07	1.60E-07	3.04E-08	1.90E-07
3245	624208.8	4265745.41	1.06E-06	3.36E-07	1.39E-06	8.84E-07	2.52E-07	1.14E-06	2.09E-07	6.44E-08	2.74E-07	1.63E-07	3.10E-08	1.94E-07
3246	624208.66	4265755.3	1.08E-06	3.43E-07	1.42E-06	9.03E-07	2.57E-07	1.16E-06	2.14E-07	6.57E-08	2.80E-07	1.67E-07	3.17E-08	1.98E-07
3247	624208.51	4265765.2	1.10E-06	3.50E-07	1.45E-06	9.22E-07	2.62E-07	1.18E-06	2.18E-07	6.71E-08	2.85E-07	1.70E-07	3.23E-08	2.02E-07
3248	624208.37	4265775.09	1.13E-06	3.57E-07	1.48E-06	9.41E-07	2.68E-07	1.21E-06	2.23E-07	6.85E-08	2.91E-07	1.74E-07	3.30E-08	2.07E-07
3249	624208.23	4265784.98	1.15E-06	3.64E-07	1.51E-06	9.59E-07	2.73E-07	1.23E-06	2.27E-07	6.98E-08	2.97E-07	1.77E-07	3.36E-08	2.11E-07
3250	624208.09	4265794.87	1.17E-06	3.71E-07	1.54E-06	9.78E-07	2.78E-07	1.26E-06	2.32E-07	7.12E-08	3.03E-07	1.80E-07	3.43E-08	2.15E-07
3251	624207.94	4265804.77	1.19E-06	3.78E-07	1.57E-06	9.96E-07	2.83E-07	1.28E-06	2.36E-07	7.25E-08	3.08E-07	1.84E-07	3.49E-08	2.19E-07
3252	624207.8	4265814.66	1.21E-06	3.85E-07	1.60E-06	1.01E-06	2.88E-07	1.30E-06	2.40E-07	7.38E-08	3.14E-07	1.87E-07	3.55E-08	2.23E-07

3253	624207.66	4265824.55	1.23E-06	3.92E-07	1.62E-06	1.03E-06	2.93E-07	1.32E-06	2.44E-07	7.50E-08	3.19E-07	1.90E-07	3.61E-08	2.26E-07
3254	624219.02	4265586.87	7.91E-07	2.51E-07	1.04E-06	6.61E-07	1.88E-07	8.49E-07	1.57E-07	4.81E-08	2.05E-07	1.22E-07	2.32E-08	1.45E-07
3255	624222.81	4265578.09	7.88E-07	2.50E-07	1.04E-06	6.58E-07	1.87E-07	8.46E-07	1.56E-07	4.79E-08	2.04E-07	1.22E-07	2.31E-08	1.45E-07
3256	624226.59	4265569.3	7.83E-07	2.49E-07	1.03E-06	6.55E-07	1.86E-07	8.41E-07	1.55E-07	4.77E-08	2.03E-07	1.21E-07	2.30E-08	1.44E-07
3257	624230.38	4265560.52	7.79E-07	2.47E-07	1.03E-06	6.51E-07	1.85E-07	8.36E-07	1.54E-07	4.74E-08	2.02E-07	1.20E-07	2.28E-08	1.43E-07
3258	624234.17	4265551.74	7.74E-07	2.46E-07	1.02E-06	6.47E-07	1.84E-07	8.31E-07	1.53E-07	4.71E-08	2.00E-07	1.19E-07	2.27E-08	1.42E-07
3259	624246.84	4265539.42	7.84E-07	2.49E-07	1.03E-06	6.55E-07	1.86E-07	8.42E-07	1.55E-07	4.77E-08	2.03E-07	1.21E-07	2.30E-08	1.44E-07
3260	624255.72	4265535.88	7.99E-07	2.54E-07	1.05E-06	6.68E-07	1.90E-07	8.58E-07	1.58E-07	4.86E-08	2.07E-07	1.23E-07	2.34E-08	1.47E-07
3261	624264.61	4265532.35	8.14E-07	2.58E-07	1.07E-06	6.80E-07	1.93E-07	8.74E-07	1.61E-07	4.95E-08	2.11E-07	1.26E-07	2.39E-08	1.49E-07
3262	624273.5	4265528.81	8.28E-07	2.63E-07	1.09E-06	6.92E-07	1.97E-07	8.89E-07	1.64E-07	5.04E-08	2.14E-07	1.28E-07	2.43E-08	1.52E-07
3263	624282.38	4265525.28	8.42E-07	2.67E-07	1.11E-06	7.04E-07	2.00E-07	9.04E-07	1.67E-07	5.12E-08	2.18E-07	1.30E-07	2.47E-08	1.55E-07
3264	624291.27	4265521.74	8.56E-07	2.72E-07	1.13E-06	7.15E-07	2.03E-07	9.19E-07	1.69E-07	5.21E-08	2.21E-07	1.32E-07	2.51E-08	1.57E-07
3265	624300.15	4265518.21	8.69E-07	2.76E-07	1.14E-06	7.26E-07	2.07E-07	9.33E-07	1.72E-07	5.29E-08	2.25E-07	1.34E-07	2.55E-08	1.60E-07
3266	624309.04	4265514.67	8.81E-07	2.80E-07	1.16E-06	7.37E-07	2.10E-07	9.46E-07	1.74E-07	5.36E-08	2.28E-07	1.36E-07	2.58E-08	1.62E-07
3267	624317.93	4265511.14	8.94E-07	2.84E-07	1.18E-06	7.47E-07	2.12E-07	9.59E-07	1.77E-07	5.44E-08	2.31E-07	1.38E-07	2.62E-08	1.64E-07
3268	624326.81	4265507.6	9.06E-07	2.88E-07	1.19E-06	7.57E-07	2.15E-07	9.73E-07	1.79E-07	5.51E-08	2.34E-07	1.40E-07	2.66E-08	1.66E-07
3269	624335.7	4265504.06	9.18E-07	2.92E-07	1.21E-06	7.68E-07	2.18E-07	9.86E-07	1.82E-07	5.59E-08	2.38E-07	1.42E-07	2.69E-08	1.69E-07
3270	624344.58	4265500.53	9.31E-07	2.96E-07	1.23E-06	7.78E-07	2.21E-07	1.00E-06	1.84E-07	5.67E-08	2.41E-07	1.44E-07	2.73E-08	1.71E-07
3271	624353.47	4265496.99	9.45E-07	3.00E-07	1.25E-06	7.90E-07	2.25E-07	1.01E-06	1.87E-07	5.75E-08	2.45E-07	1.46E-07	2.77E-08	1.74E-07
3272	624184.95	4265665.91	8.13E-07	2.58E-07	1.07E-06	6.80E-07	1.93E-07	8.73E-07	1.61E-07	4.95E-08	2.10E-07	1.26E-07	2.38E-08	1.49E-07
3273	624184.81	4265675.8	8.29E-07	2.63E-07	1.09E-06	6.93E-07	1.97E-07	8.90E-07	1.64E-07	5.04E-08	2.14E-07	1.28E-07	2.43E-08	1.52E-07
3274	624184.66	4265685.69	8.44E-07	2.68E-07	1.11E-06	7.05E-07	2.01E-07	9.06E-07	1.67E-07	5.13E-08	2.18E-07	1.30E-07	2.47E-08	1.55E-07
3275	624184.52	4265695.59	8.59E-07	2.73E-07	1.13E-06	7.18E-07	2.04E-07	9.22E-07	1.70E-07	5.23E-08	2.22E-07	1.33E-07	2.52E-08	1.58E-07
3276	624184.38	4265705.48	8.75E-07	2.78E-07	1.15E-06	7.31E-07	2.08E-07	9.39E-07	1.73E-07	5.32E-08	2.26E-07	1.35E-07	2.56E-08	1.61E-07
3277	624184.23	4265715.37	8.90E-07	2.83E-07	1.17E-06	7.44E-07	2.12E-07	9.56E-07	1.76E-07	5.42E-08	2.30E-07	1.37E-07	2.61E-08	1.63E-07
3278	624184.09	4265725.26	9.06E-07	2.88E-07	1.19E-06	7.58E-07	2.16E-07	9.73E-07	1.79E-07	5.52E-08	2.35E-07	1.40E-07	2.66E-08	1.66E-07
3279	624183.95	4265735.16	9.23E-07	2.93E-07	1.22E-06	7.72E-07	2.19E-07	9.91E-07	1.83E-07	5.62E-08	2.39E-07	1.42E-07	2.71E-08	1.69E-07
3280	624183.8	4265745.05	9.40E-07	2.99E-07	1.24E-06	7.86E-07	2.24E-07	1.01E-06	1.86E-07	5.72E-08	2.43E-07	1.45E-07	2.76E-08	1.73E-07
3281	624183.66	4265754.94	9.58E-07	3.04E-07	1.26E-06	8.01E-07	2.28E-07	1.03E-06	1.90E-07	5.83E-08	2.48E-07	1.48E-07	2.81E-08	1.76E-07
3282	624183.52	4265764.83	9.77E-07	3.10E-07	1.29E-06	8.16E-07	2.32E-07	1.05E-06	1.93E-07	5.94E-08	2.53E-07	1.51E-07	2.86E-08	1.79E-07
3283	624183.37	4265774.73	9.95E-07	3.16E-07	1.31E-06	8.32E-07	2.37E-07	1.07E-06	1.97E-07	6.05E-08	2.58E-07	1.54E-07	2.92E-08	1.83E-07
3284	624183.23	4265784.62	1.01E-06	3.22E-07	1.34E-06	8.47E-07	2.41E-07	1.09E-06	2.01E-07	6.17E-08	2.62E-07	1.56E-07	2.97E-08	1.86E-07
3285	624183.09	4265794.51	1.03E-06	3.28E-07	1.36E-06	8.62E-07	2.45E-07	1.11E-06	2.04E-07	6.28E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
3286	624182.94	4265804.4	1.05E-06	3.33E-07	1.38E-06	8.77E-07	2.50E-07	1.13E-06	2.08E-07	6.39E-08	2.72E-07	1.62E-07	3.08E-08	1.93E-07
3287	624182.8	4265814.3	1.07E-06	3.39E-07	1.41E-06	8.92E-07	2.54E-07	1.15E-06	2.11E-07	6.49E-08	2.76E-07	1.65E-07	3.13E-08	1.96E-07
3288	624194.02	4265586.51	7.27E-07	2.31E-07	9.57E-07	6.07E-07	1.73E-07	7.80E-07	1.44E-07	4.42E-08	1.88E-07	1.12E-07	2.13E-08	1.33E-07
3289	624197.81	4265577.72	7.25E-07	2.30E-07	9.55E-07	6.06E-07	1.72E-07	7.78E-07	1.43E-07	4.41E-08	1.87E-07	1.12E-07	2.12E-08	1.33E-07
3290	624201.6	4265568.94	7.22E-07	2.29E-07	9.51E-07	6.04E-07	1.72E-07	7.75E-07	1.43E-07	4.39E-08	1.87E-07	1.11E-07	2.12E-08	1.33E-07
3291	624205.38	4265560.16	7.19E-07	2.28E-07	9.48E-07	6.01E-07	1.71E-07	7.72E-07	1.42E-07	4.38E-08	1.86E-07	1.11E-07	2.11E-08	1.32E-07
3292	624209.17	4265551.38	7.16E-07	2.27E-07	9.43E-07	5.98E-07	1.70E-07	7.69E-07	1.42E-07	4.36E-08	1.85E-07	1.10E-07	2.10E-08	1.31E-07
3293	624212.95	4265542.59	7.12E-07	2.26E-07	9.39E-07	5.95E-07	1.69E-07	7.65E-07	1.41E-07	4.33E-08	1.84E-07	1.10E-07	2.09E-08	1.31E-07
3294	624216.74	4265533.81	7.09E-07	2.25E-07	9.34E-07	5.92E-07	1.68E-07	7.61E-07	1.40E-07	4.31E-08	1.83E-07	1.09E-07	2.08E-08	1.30E-07
3295	624229.41	4265521.49	7.17E-07	2.28E-07	9.45E-07	6.00E-07	1.71E-07	7.70E-07	1.42E-07	4.36E-08	1.86E-07	1.11E-07	2.10E-08	1.32E-07
3296	624238.3	4265517.96	7.30E-07	2.32E-07	9.62E-07	6.10E-07	1.74E-07	7.84E-07	1.45E-07	4.44E-08	1.89E-07	1.13E-07	2.14E-08	1.34E-07
3297	624247.18	4265514.42	7.43E-07	2.36E-07	9.79E-07	6.21E-07	1.77E-07	7.98E-07	1.47E-07	4.52E-08	1.92E-07	1.15E-07	2.18E-08	1.36E-07
3298	624256.07	4265510.89	7.56E-07	2.40E-07	9.96E-07	6.32E-07	1.80E-07	8.11E-07	1.50E-07	4.60E-08	1.96E-07	1.17E-07	2.21E-08	1.39E-07
3299	624264.96	4265507.35	7.68E-07	2.44E-07	1.01E-06	6.42E-07	1.83E-07	8.24E-07	1.52E-07	4.67E-08	1.99E-07	1.18E-07	2.25E-08	1.41E-07
3300	624273.84	4265503.82	7.79E-07	2.47E-07	1.03E-06	6.51E-07	1.85E-07	8.37E-07	1.54E-07	4.74E-08	2.02E-07	1.20E-07	2.28E-08	1.43E-07
3301	624282.73	4265500.28	7.90E-07	2.51E-07	1.04E-06	6.61E-07	1.88E-07	8.49E-07	1.56E-07	4.81E-08	2.05E-07	1.22E-07	2.32E-08	1.45E-07
3302	624291.61	4265496.74	8.01E-07	2.54E-07	1.06E-06	6.70E-07	1.90E-07	8.60E-07	1.59E-07	4.87E-08	2.07E-07	1.24E-07	2.35E-08	1.47E-07
3303	624300.5	4265493.21	8.11E-07	2.58E-07	1.07E-06	6.78E-07	1.93E-07	8.71E-07	1.61E-07	4.94E-08	2.10E-07	1.25E-07	2.38E-08	1.49E-07
3304	624309.39	4265489.67	8.21E-07	2.61E-07	1.08E-06	6.86E-07	1.95E-07	8.82E-07	1.63E-07	5.00E-08	2.13E-07	1.27E-07	2.41E-08	1.51E-07
3305	624318.27	4265486.14	8.31E-07	2.64E-07	1.10E-06	6.95E-07	1.98E-07	8.92E-07	1.65E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
3306	624327.16	4265482.6	8.41E-07	2.67E-07	1.11E-06	7.03E-07	2.00E-07	9.03E-07	1.66E-07	5.12E-08	2.18E-07	1.30E-07	2.47E-08	1.54E-07
3307	624336.04	4265479.07	8.52E-07	2.70E-07	1.12E-06	7.12E-07	2.02E-07	9.14E-07	1.69E-07	5.18E-08	2.20E-07	1.31E-07	2.50E-08	1.56E-07
3308	624344.93	4265475.53	8.63E-07	2.74E-07	1.14E-06	7.21E-07	2.05E-07	9.26E-07	1.71E-07	5.25E-08	2.23E-07	1.33E-07	2.53E-08	1.58E-07
3309	624353.82	4265471.99	8.74E-07	2.78E-07	1.15E-06	7.31E-07	2.08E-07	9.39E-07	1.73E-07	5.32E-08	2.26E-07	1.35E-07	2.56E-08	1.61E-07
3310	624159.52	4265695.22	7.79E-07	2.47E-07	1.03E-06	6.51E-07	1.85E-07	8.37E-07	1.54E-07	4.74E-08	2.02E-07	1.20E-07	2.28E-08	1.43E-07
3311	624159.38	4265705.12	7.92E-07	2.51E-07	1.04E-06	6.62E-07	1.88E-07	8.50E-07	1.57E-07	4.82E-08	2.05E-07	1.22E-07	2.32E-08	1.45E-07
3312	624159.24	4265715.01	8.05E-07	2.56E-07	1.06E-06	6.72E-07	1.91E-07	8.64E-07	1.59E-07	4.90E-08	2.08E-07	1.24E-07	2.36E-08	1.48E-07
3313	624159.09	4265724.9	8.17E-07	2.60E-07	1.08E-06	6.83E-07	1.94E-07	8.78E-07	1.62E-07	4.97E-08	2.12E-07	1.26E-07	2.40E-08	1.50E-07
3314	624158.95	4265734.79	8.31E-07	2.64E-07	1.09E-06	6.94E-07	1.98E-07	8.92E-07	1.64E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
3315	624158.81	4265744.69	8.45E-07	2.68E-07	1.11E-06	7.06E-07	2.01E-07	9.07E-07	1.67E-07	5.14E-08	2.19E-07	1.30E-07	2.48E-08	1.55E-07
3316	624158.66	4265754.58	8.59E-07	2.73E-07	1.13E-06	7.18E-07	2.04E-07	9.23E-07	1.70E-07	5.23E-08	2.22E-07	1.33E-07	2.52E-08	1.58E-07
3317	624158.52	4265764.47	8.74E-07	2.78E-07	1.15E-06	7.31E-07	2.08E-07	9.39E-07	1.73E-07	5.32E-08	2.26E-07	1.35E-07	2.56E-08	1.61E-07
3318	624158.38	4265774.36	8.89E-07	2.82E-07	1.17E-06	7.43E-07	2.11E-07	9.55E-07	1.76E-07	5.41E-08	2.30E-07	1.37E-07	2.61E-08	1.63E-07
3319	624158.23	4265784.26	9.05E-07	2.87E-07	1.19E-06	7.56E-07	2.15E-07	9.71E-07	1.79E-07	5.51E-08	2.34E-07	1.40E-07	2.65E-08	1.66E-07
3320	624158.09	4265794.15	9.20E-07	2.92E-07	1.21E-06	7.69E-07	2.19E-07	9.88E-07	1.82E-07	5.60E-08	2.38E-07	1.42E-07	2.70E-08	1.69E-07
3321	624157.95	4265804.04	9.35E-07	2.97E-07	1.23E-06	7.82E-07	2.22E-07	1.00E-06	1.85E-07	5.69E-08	2.42E-07	1.44E-07	2.74E-08	1.72E-07
3322	624157.8	4265813.93	9.50E-07	3.02E-07	1.25E-06	7.94E-07	2.26E-07	1.02E-06	1.88E-07	5.78E-08	2.46E-07	1.47E-07	2.78E-08	1.74E-07
3323	624165.24	4265594.93	6.70E-07	2.13E-07	8.83E-07	5.60E-07	1.59E-07	7.19E-07	1.33E-07	4.08E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
3324	624169.03	4265586.14	6.69E-07	2.12E-07	8.81E-07	5.59E-07	1.59E-07	7.18E-07	1.32E-07	4.07E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
3325	624172.81	4265577.36	6.68E-07	2.12E-07	8.80E-07	5.58E-07	1.59E-07	7.17E-07	1.32E-07	4.06E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
3326	624176.6	4265568.58	6.66E-07	2.12E-07	8.78E-07	5.57E-07	1.58E-07	7.16E-07	1.32E-07	4.06E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07

3327	624180.38	4265559.8	6.65E-07	2.11E-07	8.76E-07	5.56E-07	1.58E-07	7.14E-07	1.32E-07	4.05E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07
3328	624184.17	4265551.01	6.63E-07	2.11E-07	8.73E-07	5.54E-07	1.58E-07	7.12E-07	1.31E-07	4.03E-08	1.72E-07	1.02E-07	1.94E-08	1.22E-07
3329	624187.96	4265542.23	6.61E-07	2.10E-07	8.70E-07	5.52E-07	1.57E-07	7.09E-07	1.31E-07	4.02E-08	1.71E-07	1.02E-07	1.94E-08	1.21E-07
3330	624191.74	4265533.45	6.58E-07	2.09E-07	8.67E-07	5.50E-07	1.56E-07	7.06E-07	1.30E-07	4.00E-08	1.70E-07	1.02E-07	1.93E-08	1.21E-07
3331	624195.53	4265524.67	6.55E-07	2.08E-07	8.63E-07	5.47E-07	1.56E-07	7.03E-07	1.30E-07	3.99E-08	1.70E-07	1.01E-07	1.92E-08	1.20E-07
3332	624199.31	4265515.89	6.52E-07	2.07E-07	8.59E-07	5.45E-07	1.55E-07	7.00E-07	1.29E-07	3.97E-08	1.69E-07	1.01E-07	1.91E-08	1.20E-07
3333	624211.99	4265503.57	6.60E-07	2.09E-07	8.69E-07	5.51E-07	1.57E-07	7.08E-07	1.31E-07	4.01E-08	1.71E-07	1.02E-07	1.93E-08	1.21E-07
3334	624220.87	4265500.03	6.71E-07	2.13E-07	8.84E-07	5.61E-07	1.60E-07	7.21E-07	1.33E-07	4.08E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
3335	624229.76	4265496.5	6.83E-07	2.17E-07	8.99E-07	5.71E-07	1.62E-07	7.33E-07	1.35E-07	4.15E-08	1.77E-07	1.05E-07	2.00E-08	1.25E-07
3336	624238.64	4265492.96	6.94E-07	2.20E-07	9.14E-07	5.80E-07	1.65E-07	7.45E-07	1.37E-07	4.22E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
3337	624247.53	4265489.42	7.04E-07	2.24E-07	9.28E-07	5.89E-07	1.67E-07	7.56E-07	1.39E-07	4.29E-08	1.82E-07	1.09E-07	2.06E-08	1.29E-07
3338	624256.42	4265485.89	7.15E-07	2.27E-07	9.42E-07	5.97E-07	1.70E-07	7.67E-07	1.41E-07	4.35E-08	1.85E-07	1.10E-07	2.09E-08	1.31E-07
3339	624265.3	4265482.35	7.24E-07	2.30E-07	9.54E-07	6.05E-07	1.72E-07	7.78E-07	1.43E-07	4.41E-08	1.87E-07	1.12E-07	2.12E-08	1.33E-07
3340	624274.19	4265478.82	7.34E-07	2.33E-07	9.67E-07	6.13E-07	1.74E-07	7.88E-07	1.45E-07	4.46E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
3341	624283.08	4265475.28	7.43E-07	2.36E-07	9.78E-07	6.21E-07	1.77E-07	7.97E-07	1.47E-07	4.52E-08	1.92E-07	1.15E-07	2.18E-08	1.36E-07
3342	624291.96	4265471.75	7.51E-07	2.39E-07	9.89E-07	6.28E-07	1.79E-07	8.06E-07	1.49E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
3343	624300.85	4265468.21	7.59E-07	2.41E-07	1.00E-06	6.35E-07	1.81E-07	8.15E-07	1.50E-07	4.62E-08	1.96E-07	1.17E-07	2.23E-08	1.39E-07
3344	624309.73	4265464.68	7.67E-07	2.44E-07	1.01E-06	6.41E-07	1.82E-07	8.24E-07	1.52E-07	4.67E-08	1.99E-07	1.18E-07	2.25E-08	1.41E-07
3345	624318.62	4265461.14	7.75E-07	2.46E-07	1.02E-06	6.48E-07	1.84E-07	8.32E-07	1.53E-07	4.72E-08	2.01E-07	1.20E-07	2.27E-08	1.42E-07
3346	624327.51	4265457.6	7.84E-07	2.49E-07	1.03E-06	6.55E-07	1.86E-07	8.42E-07	1.55E-07	4.77E-08	2.03E-07	1.21E-07	2.30E-08	1.44E-07
3347	624336.39	4265454.07	7.93E-07	2.52E-07	1.04E-06	6.63E-07	1.89E-07	8.51E-07	1.57E-07	4.82E-08	2.05E-07	1.22E-07	2.32E-08	1.46E-07
3348	624345.28	4265450.53	8.02E-07	2.55E-07	1.06E-06	6.71E-07	1.91E-07	8.61E-07	1.59E-07	4.88E-08	2.08E-07	1.24E-07	2.35E-08	1.47E-07
3349	624354.16	4265447	8.13E-07	2.58E-07	1.07E-06	6.79E-07	1.93E-07	8.72E-07	1.61E-07	4.94E-08	2.10E-07	1.25E-07	2.38E-08	1.49E-07
3350	624140.24	4265594.56	6.19E-07	1.97E-07	8.16E-07	5.18E-07	1.47E-07	6.65E-07	1.23E-07	3.77E-08	1.60E-07	9.55E-08	1.81E-08	1.14E-07
3351	624144.03	4265585.78	6.19E-07	1.96E-07	8.15E-07	5.17E-07	1.47E-07	6.64E-07	1.22E-07	3.76E-08	1.60E-07	9.54E-08	1.81E-08	1.14E-07
3352	624147.82	4265577	6.18E-07	1.96E-07	8.14E-07	5.17E-07	1.47E-07	6.63E-07	1.22E-07	3.76E-08	1.60E-07	9.54E-08	1.81E-08	1.13E-07
3353	624151.6	4265568.22	6.17E-07	1.96E-07	8.13E-07	5.16E-07	1.47E-07	6.63E-07	1.22E-07	3.76E-08	1.60E-07	9.52E-08	1.81E-08	1.13E-07
3354	624155.39	4265559.44	6.16E-07	1.96E-07	8.12E-07	5.15E-07	1.47E-07	6.62E-07	1.22E-07	3.75E-08	1.59E-07	9.51E-08	1.81E-08	1.13E-07
3355	624159.17	4265550.65	6.15E-07	1.95E-07	8.10E-07	5.14E-07	1.46E-07	6.60E-07	1.22E-07	3.74E-08	1.59E-07	9.49E-08	1.80E-08	1.13E-07
3356	624162.96	4265541.87	6.14E-07	1.95E-07	8.08E-07	5.13E-07	1.46E-07	6.59E-07	1.21E-07	3.73E-08	1.59E-07	9.47E-08	1.80E-08	1.13E-07
3357	624166.75	4265533.09	6.12E-07	1.94E-07	8.06E-07	5.11E-07	1.45E-07	6.57E-07	1.21E-07	3.72E-08	1.58E-07	9.44E-08	1.79E-08	1.12E-07
3358	624170.53	4265524.31	6.10E-07	1.94E-07	8.04E-07	5.10E-07	1.45E-07	6.55E-07	1.21E-07	3.71E-08	1.58E-07	9.41E-08	1.79E-08	1.12E-07
3359	624174.32	4265515.52	6.08E-07	1.93E-07	8.01E-07	5.08E-07	1.44E-07	6.52E-07	1.20E-07	3.70E-08	1.57E-07	9.38E-08	1.78E-08	1.12E-07
3360	624178.1	4265506.74	6.05E-07	1.92E-07	7.97E-07	5.06E-07	1.44E-07	6.50E-07	1.20E-07	3.68E-08	1.57E-07	9.34E-08	1.77E-08	1.11E-07
3361	624181.89	4265497.96	6.02E-07	1.91E-07	7.94E-07	5.04E-07	1.43E-07	6.47E-07	1.19E-07	3.67E-08	1.56E-07	9.30E-08	1.77E-08	1.11E-07
3362	624194.56	4265485.64	6.10E-07	1.94E-07	8.03E-07	5.10E-07	1.45E-07	6.55E-07	1.21E-07	3.71E-08	1.58E-07	9.41E-08	1.79E-08	1.12E-07
3363	624203.45	4265482.11	6.20E-07	1.97E-07	8.17E-07	5.18E-07	1.47E-07	6.66E-07	1.23E-07	3.77E-08	1.60E-07	9.57E-08	1.82E-08	1.14E-07
3364	624212.33	4265478.57	6.30E-07	2.00E-07	8.30E-07	5.27E-07	1.50E-07	6.76E-07	1.25E-07	3.83E-08	1.63E-07	9.72E-08	1.85E-08	1.16E-07
3365	624221.22	4265475.03	6.40E-07	2.03E-07	8.43E-07	5.35E-07	1.52E-07	6.87E-07	1.27E-07	3.89E-08	1.66E-07	9.87E-08	1.87E-08	1.17E-07
3366	624230.11	4265471.5	6.49E-07	2.06E-07	8.55E-07	5.43E-07	1.54E-07	6.97E-07	1.29E-07	3.95E-08	1.68E-07	1.00E-07	1.90E-08	1.19E-07
3367	624238.99	4265467.96	6.58E-07	2.09E-07	8.68E-07	5.50E-07	1.57E-07	7.07E-07	1.30E-07	4.01E-08	1.70E-07	1.02E-07	1.93E-08	1.21E-07
3368	624247.88	4265464.43	6.67E-07	2.12E-07	8.79E-07	5.58E-07	1.59E-07	7.17E-07	1.32E-07	4.06E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
3369	624256.76	4265460.89	6.76E-07	2.15E-07	8.91E-07	5.65E-07	1.61E-07	7.26E-07	1.34E-07	4.11E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
3370	624265.65	4265457.36	6.84E-07	2.17E-07	9.01E-07	5.72E-07	1.63E-07	7.34E-07	1.35E-07	4.16E-08	1.77E-07	1.06E-07	2.00E-08	1.26E-07
3371	624274.54	4265453.82	6.91E-07	2.20E-07	9.11E-07	5.78E-07	1.64E-07	7.42E-07	1.37E-07	4.21E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
3372	624283.42	4265450.28	6.98E-07	2.22E-07	9.20E-07	5.84E-07	1.66E-07	7.50E-07	1.38E-07	4.25E-08	1.81E-07	1.08E-07	2.05E-08	1.28E-07
3373	624292.31	4265446.75	7.05E-07	2.24E-07	9.29E-07	5.90E-07	1.68E-07	7.57E-07	1.40E-07	4.29E-08	1.83E-07	1.09E-07	2.07E-08	1.30E-07
3374	624301.19	4265443.21	7.12E-07	2.26E-07	9.38E-07	5.95E-07	1.69E-07	7.64E-07	1.41E-07	4.33E-08	1.84E-07	1.10E-07	2.09E-08	1.31E-07
3375	624310.08	4265439.68	7.19E-07	2.28E-07	9.47E-07	6.01E-07	1.71E-07	7.72E-07	1.42E-07	4.37E-08	1.86E-07	1.11E-07	2.11E-08	1.32E-07
3376	624318.97	4265436.14	7.26E-07	2.30E-07	9.56E-07	6.06E-07	1.73E-07	7.79E-07	1.44E-07	4.41E-08	1.88E-07	1.12E-07	2.13E-08	1.33E-07
3377	624327.85	4265432.61	7.33E-07	2.33E-07	9.66E-07	6.13E-07	1.74E-07	7.87E-07	1.45E-07	4.46E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
3378	624336.74	4265429.07	7.41E-07	2.35E-07	9.76E-07	6.19E-07	1.76E-07	7.95E-07	1.47E-07	4.51E-08	1.92E-07	1.14E-07	2.17E-08	1.36E-07
3379	624345.62	4265425.54	7.49E-07	2.38E-07	9.87E-07	6.26E-07	1.78E-07	8.04E-07	1.48E-07	4.56E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
3380	624354.51	4265422	7.58E-07	2.41E-07	9.99E-07	6.34E-07	1.80E-07	8.14E-07	1.50E-07	4.61E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
3381	624088.74	4265655.68	5.80E-07	1.84E-07	7.65E-07	4.85E-07	1.38E-07	6.23E-07	1.15E-07	3.53E-08	1.50E-07	8.95E-08	1.70E-08	1.07E-07
3382	624092.53	4265646.9	5.79E-07	1.84E-07	7.63E-07	4.84E-07	1.38E-07	6.22E-07	1.15E-07	3.52E-08	1.50E-07	8.94E-08	1.70E-08	1.06E-07
3383	624115.25	4265594.2	5.74E-07	1.82E-07	7.57E-07	4.80E-07	1.37E-07	6.17E-07	1.14E-07	3.50E-08	1.49E-07	8.86E-08	1.68E-08	1.05E-07
3384	624119.03	4265585.42	5.74E-07	1.82E-07	7.56E-07	4.80E-07	1.36E-07	6.16E-07	1.14E-07	3.49E-08	1.49E-07	8.86E-08	1.68E-08	1.05E-07
3385	624122.82	4265576.64	5.74E-07	1.82E-07	7.56E-07	4.80E-07	1.36E-07	6.16E-07	1.14E-07	3.49E-08	1.48E-07	8.85E-08	1.68E-08	1.05E-07
3386	624126.6	4265567.86	5.73E-07	1.82E-07	7.55E-07	4.79E-07	1.36E-07	6.16E-07	1.13E-07	3.49E-08	1.48E-07	8.85E-08	1.68E-08	1.05E-07
3387	624130.39	4265559.07	5.73E-07	1.82E-07	7.55E-07	4.79E-07	1.36E-07	6.15E-07	1.13E-07	3.49E-08	1.48E-07	8.84E-08	1.68E-08	1.05E-07
3388	624134.18	4265550.29	5.72E-07	1.82E-07	7.54E-07	4.78E-07	1.36E-07	6.14E-07	1.13E-07	3.48E-08	1.48E-07	8.83E-08	1.68E-08	1.05E-07
3389	624137.96	4265541.51	5.72E-07	1.82E-07	7.53E-07	4.78E-07	1.36E-07	6.14E-07	1.13E-07	3.48E-08	1.48E-07	8.82E-08	1.68E-08	1.05E-07
3390	624141.75	4265532.73	5.70E-07	1.81E-07	7.52E-07	4.77E-07	1.36E-07	6.12E-07	1.13E-07	3.47E-08	1.48E-07	8.80E-08	1.67E-08	1.05E-07
3391	624145.53	4265523.94	5.69E-07	1.81E-07	7.50E-07	4.76E-07	1.35E-07	6.11E-07	1.13E-07	3.46E-08	1.47E-07	8.78E-08	1.67E-08	1.05E-07
3392	624149.32	4265515.16	5.68E-07	1.80E-07	7.48E-07	4.74E-07	1.35E-07	6.09E-07	1.12E-07	3.45E-08	1.47E-07	8.76E-08	1.66E-08	1.04E-07
3393	624153.11	4265506.38	5.66E-07	1.80E-07	7.46E-07	4.73E-07	1.35E-07	6.08E-07	1.12E-07	3.44E-08	1.46E-07	8.73E-08	1.66E-08	1.04E-07
3394	624156.89	4265497.6	5.64E-07	1.79E-07	7.43E-07	4.71E-07	1.34E-07	6.05E-07	1.12E-07	3.43E-08	1.46E-07	8.70E-08	1.65E-08	1.04E-07
3395	624160.68	4265488.82	5.62E-07	1.78E-07	7.40E-07	4.70E-07	1.34E-07	6.03E-07	1.11E-07	3.42E-08	1.45E-07	8.67E-08	1.65E-08	1.03E-07
3396	624164.46	4265480.03	5.59E-07	1.78E-07	7.37E-07	4.68E-07	1.33E-07	6.01E-07	1.11E-07	3.40E-08	1.45E-07	8.63E-08	1.64E-08	1.03E-07
3397	624177.14	4265467.71	5.66E-07	1.80E-07	7.46E-07	4.73E-07	1.35E-07	6.08E-07	1.12E-07	3.44E-08	1.47E-07	8.74E-08	1.66E-08	1.04E-07
3398	624186.02	4265464.18	5.75E-07	1.83E-07	7.58E-07	4.81E-07	1.37E-07	6.18E-07	1.14E-07	3.50E-08	1.49E-07	8.88E-08	1.69E-08	1.06E-07
3399	624194.91	4265460.64	5.84E-07	1.86E-07	7.70E-07	4.88E-07	1.39E-07	6.27E-07	1.16E-07	3.56E-08	1.51E-07	9.02E-08	1.71E-08	1.07E-07
3400	624203.79	4265457.11	5.93E-07	1.88E-07	7.81E-07	4.96E-07	1.41E-07	6.37E-07	1.17E-07	3.61E-08	1.53E-07	9.15E-08	1.74E-08	1.09E-07

3401	624212.68	4265453.57	6.02E-07	1.91E-07	7.93E-07	5.03E-07	1.43E-07	6.46E-07	1.19E-07	3.66E-08	1.56E-07	9.28E-08	1.76E-08	1.10E-07
3402	624221.57	4265450.04	6.10E-07	1.94E-07	8.04E-07	5.10E-07	1.45E-07	6.55E-07	1.21E-07	3.71E-08	1.58E-07	9.41E-08	1.79E-08	1.12E-07
3403	624230.45	4265446.5	6.18E-07	1.96E-07	8.14E-07	5.16E-07	1.47E-07	6.63E-07	1.22E-07	3.76E-08	1.60E-07	9.53E-08	1.81E-08	1.13E-07
3404	624239.34	4265442.97	6.26E-07	1.99E-07	8.24E-07	5.23E-07	1.49E-07	6.72E-07	1.24E-07	3.81E-08	1.62E-07	9.65E-08	1.83E-08	1.15E-07
3405	624248.22	4265439.43	6.33E-07	2.01E-07	8.34E-07	5.29E-07	1.50E-07	6.79E-07	1.25E-07	3.85E-08	1.64E-07	9.76E-08	1.85E-08	1.16E-07
3406	624257.11	4265435.89	6.40E-07	2.03E-07	8.43E-07	5.35E-07	1.52E-07	6.87E-07	1.27E-07	3.89E-08	1.66E-07	9.87E-08	1.87E-08	1.17E-07
3407	624266	4265432.36	6.46E-07	2.05E-07	8.51E-07	5.40E-07	1.54E-07	6.94E-07	1.28E-07	3.93E-08	1.67E-07	9.97E-08	1.89E-08	1.19E-07
3408	624274.88	4265428.82	6.52E-07	2.07E-07	8.59E-07	5.45E-07	1.55E-07	7.00E-07	1.29E-07	3.97E-08	1.69E-07	1.01E-07	1.91E-08	1.20E-07
3409	624283.77	4265425.29	6.58E-07	2.09E-07	8.67E-07	5.50E-07	1.56E-07	7.06E-07	1.30E-07	4.00E-08	1.70E-07	1.02E-07	1.93E-08	1.21E-07
3410	624292.65	4265421.75	6.64E-07	2.11E-07	8.74E-07	5.55E-07	1.58E-07	7.12E-07	1.31E-07	4.04E-08	1.72E-07	1.02E-07	1.95E-08	1.22E-07
3411	624301.54	4265418.22	6.69E-07	2.13E-07	8.82E-07	5.59E-07	1.59E-07	7.18E-07	1.32E-07	4.07E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
3412	624310.43	4265414.68	6.75E-07	2.14E-07	8.89E-07	5.64E-07	1.60E-07	7.25E-07	1.34E-07	4.11E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
3413	624319.31	4265411.14	6.81E-07	2.16E-07	8.97E-07	5.69E-07	1.62E-07	7.31E-07	1.35E-07	4.14E-08	1.76E-07	1.05E-07	2.00E-08	1.25E-07
3414	624328.2	4265407.61	6.87E-07	2.18E-07	9.06E-07	5.75E-07	1.63E-07	7.38E-07	1.36E-07	4.18E-08	1.78E-07	1.06E-07	2.01E-08	1.26E-07
3415	624337.08	4265404.07	6.94E-07	2.21E-07	9.15E-07	5.80E-07	1.65E-07	7.46E-07	1.37E-07	4.23E-08	1.80E-07	1.07E-07	2.04E-08	1.28E-07
3416	624345.97	4265400.54	7.02E-07	2.23E-07	9.25E-07	5.87E-07	1.67E-07	7.54E-07	1.39E-07	4.27E-08	1.82E-07	1.08E-07	2.06E-08	1.29E-07
3417	624354.86	4265397	7.09E-07	2.25E-07	9.35E-07	5.93E-07	1.69E-07	7.62E-07	1.40E-07	4.32E-08	1.84E-07	1.09E-07	2.08E-08	1.30E-07
3418	624084.96	4265664.46	5.81E-07	1.85E-07	7.66E-07	4.86E-07	1.38E-07	6.24E-07	1.15E-07	3.54E-08	1.50E-07	8.97E-08	1.70E-08	1.07E-07
3419	624084.82	4265674.35	5.89E-07	1.87E-07	7.76E-07	4.92E-07	1.40E-07	6.32E-07	1.17E-07	3.58E-08	1.52E-07	9.09E-08	1.73E-08	1.08E-07
3420	624084.67	4265684.25	5.97E-07	1.90E-07	7.86E-07	4.99E-07	1.42E-07	6.41E-07	1.18E-07	3.63E-08	1.54E-07	9.21E-08	1.75E-08	1.10E-07
3421	624084.53	4265694.14	6.04E-07	1.92E-07	7.96E-07	5.05E-07	1.44E-07	6.49E-07	1.20E-07	3.68E-08	1.56E-07	9.33E-08	1.77E-08	1.11E-07
3422	624084.39	4265704.03	6.12E-07	1.94E-07	8.06E-07	5.11E-07	1.46E-07	6.57E-07	1.21E-07	3.72E-08	1.58E-07	9.44E-08	1.79E-08	1.12E-07
3423	624084.24	4265713.92	6.19E-07	1.97E-07	8.16E-07	5.18E-07	1.47E-07	6.65E-07	1.23E-07	3.77E-08	1.60E-07	9.56E-08	1.82E-08	1.14E-07
3424	624084.1	4265723.82	6.27E-07	1.99E-07	8.26E-07	5.24E-07	1.49E-07	6.73E-07	1.24E-07	3.81E-08	1.62E-07	9.67E-08	1.84E-08	1.15E-07
3425	624083.96	4265733.71	6.34E-07	2.01E-07	8.36E-07	5.30E-07	1.51E-07	6.81E-07	1.26E-07	3.86E-08	1.64E-07	9.79E-08	1.86E-08	1.16E-07
3426	624083.81	4265743.6	6.42E-07	2.04E-07	8.46E-07	5.37E-07	1.53E-07	6.89E-07	1.27E-07	3.91E-08	1.66E-07	9.90E-08	1.88E-08	1.18E-07
3427	624083.67	4265753.49	6.50E-07	2.06E-07	8.56E-07	5.43E-07	1.55E-07	6.98E-07	1.29E-07	3.95E-08	1.68E-07	1.00E-07	1.90E-08	1.19E-07
3428	624083.53	4265763.39	6.58E-07	2.09E-07	8.68E-07	5.50E-07	1.57E-07	7.07E-07	1.30E-07	4.01E-08	1.70E-07	1.02E-07	1.93E-08	1.21E-07
3429	624083.38	4265773.28	6.67E-07	2.12E-07	8.79E-07	5.58E-07	1.59E-07	7.16E-07	1.32E-07	4.06E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
3430	624083.24	4265783.17	6.76E-07	2.15E-07	8.91E-07	5.65E-07	1.61E-07	7.26E-07	1.34E-07	4.12E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
3431	624083.1	4265793.06	6.86E-07	2.18E-07	9.04E-07	5.73E-07	1.63E-07	7.36E-07	1.36E-07	4.17E-08	1.77E-07	1.06E-07	2.01E-08	1.26E-07
3432	624082.96	4265802.96	6.95E-07	2.21E-07	9.16E-07	5.81E-07	1.65E-07	7.47E-07	1.38E-07	4.23E-08	1.80E-07	1.07E-07	2.04E-08	1.28E-07
3433	624082.81	4265812.85	7.05E-07	2.24E-07	9.29E-07	5.89E-07	1.68E-07	7.57E-07	1.40E-07	4.29E-08	1.82E-07	1.09E-07	2.07E-08	1.29E-07
3434	624082.67	4265822.74	7.15E-07	2.27E-07	9.42E-07	5.97E-07	1.70E-07	7.67E-07	1.41E-07	4.35E-08	1.85E-07	1.10E-07	2.10E-08	1.31E-07
3435	624082.53	4265832.63	7.24E-07	2.30E-07	9.54E-07	6.05E-07	1.72E-07	7.78E-07	1.43E-07	4.41E-08	1.87E-07	1.12E-07	2.12E-08	1.33E-07
3436	624082.38	4265842.53	7.34E-07	2.33E-07	9.67E-07	6.13E-07	1.74E-07	7.88E-07	1.45E-07	4.46E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
3437	624082.24	4265852.42	7.43E-07	2.36E-07	9.79E-07	6.21E-07	1.77E-07	7.97E-07	1.47E-07	4.52E-08	1.92E-07	1.15E-07	2.18E-08	1.36E-07
3438	624082.1	4265862.31	7.51E-07	2.39E-07	9.90E-07	6.28E-07	1.79E-07	8.07E-07	1.49E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
3439	624081.95	4265872.2	7.60E-07	2.41E-07	1.00E-06	6.35E-07	1.81E-07	8.16E-07	1.50E-07	4.62E-08	1.97E-07	1.17E-07	2.23E-08	1.40E-07
3440	624081.81	4265882.1	7.68E-07	2.44E-07	1.01E-06	6.42E-07	1.83E-07	8.25E-07	1.52E-07	4.67E-08	1.99E-07	1.19E-07	2.25E-08	1.41E-07
3441	624081.67	4265891.99	7.76E-07	2.46E-07	1.02E-06	6.48E-07	1.84E-07	8.33E-07	1.54E-07	4.72E-08	2.01E-07	1.20E-07	2.27E-08	1.42E-07
3442	624081.52	4265901.88	7.83E-07	2.49E-07	1.03E-06	6.55E-07	1.86E-07	8.41E-07	1.55E-07	4.77E-08	2.03E-07	1.21E-07	2.30E-08	1.44E-07
3443	624081.38	4265911.77	7.90E-07	2.51E-07	1.04E-06	6.61E-07	1.88E-07	8.48E-07	1.56E-07	4.81E-08	2.05E-07	1.22E-07	2.32E-08	1.45E-07
3444	624081.24	4265921.67	7.97E-07	2.53E-07	1.05E-06	6.66E-07	1.90E-07	8.56E-07	1.58E-07	4.85E-08	2.06E-07	1.23E-07	2.34E-08	1.46E-07
3445	624081.09	4265931.56	8.04E-07	2.55E-07	1.06E-06	6.72E-07	1.91E-07	8.63E-07	1.59E-07	4.89E-08	2.08E-07	1.24E-07	2.36E-08	1.48E-07
3446	624080.95	4265941.45	8.10E-07	2.57E-07	1.07E-06	6.77E-07	1.93E-07	8.69E-07	1.60E-07	4.93E-08	2.10E-07	1.25E-07	2.37E-08	1.49E-07
3447	624080.81	4265951.34	8.16E-07	2.59E-07	1.07E-06	6.82E-07	1.94E-07	8.76E-07	1.61E-07	4.96E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
3448	624080.67	4265961.24	8.22E-07	2.61E-07	1.08E-06	6.87E-07	1.95E-07	8.82E-07	1.63E-07	5.00E-08	2.13E-07	1.27E-07	2.41E-08	1.51E-07
3449	624080.52	4265971.13	8.28E-07	2.63E-07	1.09E-06	6.92E-07	1.97E-07	8.88E-07	1.64E-07	5.04E-08	2.14E-07	1.28E-07	2.43E-08	1.52E-07
3450	624080.38	4265981.02	8.33E-07	2.65E-07	1.10E-06	6.96E-07	1.98E-07	8.94E-07	1.65E-07	5.07E-08	2.16E-07	1.29E-07	2.44E-08	1.53E-07
3451	624063.75	4265655.32	5.40E-07	1.72E-07	7.12E-07	4.52E-07	1.28E-07	5.80E-07	1.07E-07	3.29E-08	1.40E-07	8.34E-08	1.58E-08	9.92E-08
3452	624067.53	4265646.54	5.39E-07	1.71E-07	7.11E-07	4.51E-07	1.28E-07	5.79E-07	1.07E-07	3.28E-08	1.40E-07	8.32E-08	1.58E-08	9.90E-08
3453	624071.32	4265637.75	5.38E-07	1.71E-07	7.09E-07	4.50E-07	1.28E-07	5.78E-07	1.07E-07	3.28E-08	1.39E-07	8.31E-08	1.58E-08	9.88E-08
3454	624075.11	4265628.97	5.37E-07	1.71E-07	7.08E-07	4.49E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.29E-08	1.58E-08	9.87E-08
3455	624078.89	4265620.19	5.37E-07	1.70E-07	7.07E-07	4.48E-07	1.28E-07	5.76E-07	1.06E-07	3.26E-08	1.39E-07	8.28E-08	1.57E-08	9.85E-08
3456	624082.68	4265611.41	5.36E-07	1.70E-07	7.06E-07	4.48E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.39E-07	8.27E-08	1.57E-08	9.84E-08
3457	624086.46	4265602.62	5.35E-07	1.70E-07	7.05E-07	4.47E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.39E-07	8.26E-08	1.57E-08	9.83E-08
3458	624090.25	4265593.84	5.35E-07	1.70E-07	7.05E-07	4.47E-07	1.27E-07	5.74E-07	1.06E-07	3.25E-08	1.38E-07	8.25E-08	1.57E-08	9.82E-08
3459	624094.03	4265585.06	5.35E-07	1.70E-07	7.04E-07	4.47E-07	1.27E-07	5.74E-07	1.06E-07	3.25E-08	1.38E-07	8.25E-08	1.57E-08	9.82E-08
3460	624097.82	4265576.28	5.34E-07	1.70E-07	7.04E-07	4.47E-07	1.27E-07	5.74E-07	1.06E-07	3.25E-08	1.38E-07	8.25E-08	1.57E-08	9.81E-08
3461	624101.61	4265567.49	5.34E-07	1.70E-07	7.04E-07	4.47E-07	1.27E-07	5.74E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.57E-08	9.81E-08
3462	624105.39	4265558.71	5.34E-07	1.70E-07	7.04E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.57E-08	9.81E-08
3463	624109.18	4265549.93	5.34E-07	1.70E-07	7.04E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.56E-08	9.80E-08
3464	624112.96	4265541.15	5.34E-07	1.69E-07	7.03E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.23E-08	1.56E-08	9.80E-08
3465	624116.75	4265532.37	5.33E-07	1.69E-07	7.02E-07	4.46E-07	1.27E-07	5.72E-07	1.06E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.79E-08
3466	624120.54	4265523.58	5.32E-07	1.69E-07	7.01E-07	4.45E-07	1.27E-07	5.71E-07	1.05E-07	3.24E-08	1.38E-07	8.21E-08	1.56E-08	9.77E-08
3467	624124.32	4265514.8	5.31E-07	1.69E-07	7.00E-07	4.44E-07	1.26E-07	5.70E-07	1.05E-07	3.23E-08	1.37E-07	8.20E-08	1.56E-08	9.75E-08
3468	624128.11	4265506.02	5.30E-07	1.68E-07	6.98E-07	4.43E-07	1.26E-07	5.69E-07	1.05E-07	3.23E-08	1.37E-07	8.18E-08	1.55E-08	9.73E-08
3469	624131.89	4265497.24	5.29E-07	1.68E-07	6.97E-07	4.42E-07	1.26E-07	5.68E-07	1.05E-07	3.22E-08	1.37E-07	8.16E-08	1.55E-08	9.71E-08
3470	624135.68	4265488.45	5.27E-07	1.67E-07	6.94E-07	4.41E-07	1.25E-07	5.66E-07	1.04E-07	3.21E-08	1.36E-07	8.13E-08	1.54E-08	9.68E-08
3471	624139.47	4265479.67	5.25E-07	1.67E-07	6.92E-07	4.39E-07	1.25E-07	5.64E-07	1.04E-07	3.20E-08	1.36E-07	8.11E-08	1.54E-08	9.65E-08
3472	624143.25	4265470.89	5.23E-07	1.66E-07	6.90E-07	4.37E-07	1.24E-07	5.62E-07	1.04E-07	3.18E-08	1.35E-07	8.08E-08	1.53E-08	9.61E-08
3473	624147.04	4265462.11	5.21E-07	1.66E-07	6.87E-07	4.36E-07	1.24E-07	5.60E-07	1.03E-07	3.17E-08	1.35E-07	8.05E-08	1.53E-08	9.57E-08
3474	624159.71	4265449.79	5.28E-07	1.68E-07	6.95E-07	4.41E-07	1.25E-07	5.66E-07	1.04E-07	3.21E-08	1.37E-07	8.14E-08	1.55E-08	9.69E-08

3475	624168.6	4265446.25	5.36E-07	1.70E-07	7.06E-07	4.48E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.39E-07	8.27E-08	1.57E-08	9.84E-08
3476	624177.48	4265442.72	5.44E-07	1.73E-07	7.17E-07	4.55E-07	1.29E-07	5.84E-07	1.08E-07	3.31E-08	1.41E-07	8.39E-08	1.59E-08	9.99E-08
3477	624186.37	4265439.18	5.52E-07	1.75E-07	7.27E-07	4.61E-07	1.31E-07	5.93E-07	1.09E-07	3.36E-08	1.43E-07	8.52E-08	1.62E-08	1.01E-07
3478	624195.25	4265435.65	5.60E-07	1.78E-07	7.38E-07	4.68E-07	1.33E-07	6.01E-07	1.11E-07	3.41E-08	1.45E-07	8.64E-08	1.64E-08	1.03E-07
3479	624204.14	4265432.11	5.67E-07	1.80E-07	7.48E-07	4.74E-07	1.35E-07	6.09E-07	1.12E-07	3.45E-08	1.47E-07	8.75E-08	1.66E-08	1.04E-07
3480	624213.03	4265428.57	5.75E-07	1.82E-07	7.57E-07	4.80E-07	1.37E-07	6.17E-07	1.14E-07	3.50E-08	1.49E-07	8.87E-08	1.68E-08	1.06E-07
3481	624221.91	4265425.04	5.82E-07	1.85E-07	7.66E-07	4.86E-07	1.38E-07	6.24E-07	1.15E-07	3.54E-08	1.50E-07	8.97E-08	1.70E-08	1.07E-07
3482	624230.8	4265421.5	5.88E-07	1.87E-07	7.75E-07	4.92E-07	1.40E-07	6.31E-07	1.16E-07	3.58E-08	1.52E-07	9.07E-08	1.72E-08	1.08E-07
3483	624239.68	4265417.97	5.94E-07	1.89E-07	7.83E-07	4.97E-07	1.41E-07	6.38E-07	1.18E-07	3.62E-08	1.54E-07	9.17E-08	1.74E-08	1.09E-07
3484	624248.57	4265414.43	6.00E-07	1.91E-07	7.91E-07	5.02E-07	1.43E-07	6.44E-07	1.19E-07	3.65E-08	1.55E-07	9.26E-08	1.76E-08	1.10E-07
3485	624257.46	4265410.9	6.06E-07	1.92E-07	7.98E-07	5.06E-07	1.44E-07	6.50E-07	1.20E-07	3.68E-08	1.57E-07	9.34E-08	1.77E-08	1.11E-07
3486	624266.34	4265407.36	6.11E-07	1.94E-07	8.05E-07	5.10E-07	1.45E-07	6.56E-07	1.21E-07	3.72E-08	1.58E-07	9.42E-08	1.79E-08	1.12E-07
3487	624275.23	4265403.83	6.16E-07	1.96E-07	8.11E-07	5.15E-07	1.46E-07	6.61E-07	1.22E-07	3.75E-08	1.59E-07	9.50E-08	1.81E-08	1.13E-07
3488	624284.12	4265400.29	6.21E-07	1.97E-07	8.18E-07	5.19E-07	1.48E-07	6.67E-07	1.23E-07	3.78E-08	1.61E-07	9.58E-08	1.82E-08	1.14E-07
3489	624293	4265396.75	6.26E-07	1.99E-07	8.24E-07	5.23E-07	1.49E-07	6.72E-07	1.24E-07	3.81E-08	1.62E-07	9.66E-08	1.83E-08	1.15E-07
3490	624301.89	4265393.22	6.31E-07	2.00E-07	8.31E-07	5.27E-07	1.50E-07	6.77E-07	1.25E-07	3.84E-08	1.63E-07	9.73E-08	1.85E-08	1.16E-07
3491	624310.77	4265389.68	6.36E-07	2.02E-07	8.37E-07	5.31E-07	1.51E-07	6.82E-07	1.26E-07	3.87E-08	1.64E-07	9.81E-08	1.86E-08	1.17E-07
3492	624319.66	4265386.15	6.41E-07	2.04E-07	8.44E-07	5.36E-07	1.52E-07	6.88E-07	1.27E-07	3.90E-08	1.66E-07	9.89E-08	1.88E-08	1.18E-07
3493	624328.55	4265382.61	6.47E-07	2.05E-07	8.52E-07	5.41E-07	1.54E-07	6.94E-07	1.28E-07	3.94E-08	1.67E-07	9.98E-08	1.90E-08	1.19E-07
3494	624337.43	4265379.08	6.53E-07	2.07E-07	8.60E-07	5.46E-07	1.55E-07	7.01E-07	1.29E-07	3.97E-08	1.69E-07	1.01E-07	1.91E-08	1.20E-07
3495	624346.32	4265375.54	6.59E-07	2.09E-07	8.69E-07	5.51E-07	1.57E-07	7.08E-07	1.31E-07	4.01E-08	1.71E-07	1.02E-07	1.93E-08	1.21E-07
3496	624355.2	4265372	6.66E-07	2.12E-07	8.78E-07	5.57E-07	1.58E-07	7.15E-07	1.32E-07	4.05E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07
3497	624059.96	4265664.1	5.41E-07	1.72E-07	7.13E-07	4.52E-07	1.29E-07	5.81E-07	1.07E-07	3.29E-08	1.40E-07	8.35E-08	1.59E-08	9.93E-08
3498	624059.82	4265673.99	5.48E-07	1.74E-07	7.22E-07	4.58E-07	1.30E-07	5.88E-07	1.08E-07	3.33E-08	1.42E-07	8.45E-08	1.61E-08	1.01E-07
3499	624059.68	4265683.89	5.55E-07	1.76E-07	7.31E-07	4.64E-07	1.32E-07	5.95E-07	1.10E-07	3.37E-08	1.44E-07	8.56E-08	1.63E-08	1.02E-07
3500	624059.53	4265693.78	5.61E-07	1.78E-07	7.39E-07	4.69E-07	1.33E-07	6.03E-07	1.11E-07	3.41E-08	1.45E-07	8.66E-08	1.64E-08	1.03E-07
3501	624059.39	4265703.67	5.68E-07	1.80E-07	7.48E-07	4.74E-07	1.35E-07	6.09E-07	1.12E-07	3.45E-08	1.47E-07	8.76E-08	1.66E-08	1.04E-07
3502	624059.25	4265713.56	5.74E-07	1.82E-07	7.56E-07	4.80E-07	1.36E-07	6.16E-07	1.14E-07	3.49E-08	1.49E-07	8.86E-08	1.68E-08	1.05E-07
3503	624059.1	4265723.46	5.80E-07	1.84E-07	7.64E-07	4.85E-07	1.38E-07	6.23E-07	1.15E-07	3.53E-08	1.50E-07	8.95E-08	1.70E-08	1.07E-07
3504	624058.96	4265733.35	5.86E-07	1.86E-07	7.73E-07	4.90E-07	1.39E-07	6.30E-07	1.16E-07	3.57E-08	1.52E-07	9.05E-08	1.72E-08	1.08E-07
3505	624058.82	4265743.24	5.93E-07	1.88E-07	7.81E-07	4.96E-07	1.41E-07	6.37E-07	1.17E-07	3.61E-08	1.53E-07	9.15E-08	1.74E-08	1.09E-07
3506	624058.67	4265753.13	6.00E-07	1.90E-07	7.90E-07	5.01E-07	1.43E-07	6.44E-07	1.19E-07	3.65E-08	1.55E-07	9.25E-08	1.76E-08	1.10E-07
3507	624058.53	4265763.03	6.07E-07	1.93E-07	7.99E-07	5.07E-07	1.44E-07	6.51E-07	1.20E-07	3.69E-08	1.57E-07	9.36E-08	1.78E-08	1.11E-07
3508	624058.39	4265772.92	6.14E-07	1.95E-07	8.09E-07	5.13E-07	1.46E-07	6.59E-07	1.22E-07	3.74E-08	1.59E-07	9.47E-08	1.80E-08	1.13E-07
3509	624058.24	4265782.81	6.22E-07	1.97E-07	8.19E-07	5.20E-07	1.48E-07	6.67E-07	1.23E-07	3.78E-08	1.61E-07	9.59E-08	1.82E-08	1.14E-07
3510	624058.1	4265792.7	6.30E-07	2.00E-07	8.30E-07	5.26E-07	1.50E-07	6.76E-07	1.25E-07	3.83E-08	1.63E-07	9.72E-08	1.85E-08	1.16E-07
3511	624057.96	4265802.6	6.38E-07	2.03E-07	8.40E-07	5.33E-07	1.52E-07	6.85E-07	1.26E-07	3.88E-08	1.65E-07	9.84E-08	1.87E-08	1.17E-07
3512	624057.81	4265812.49	6.46E-07	2.05E-07	8.52E-07	5.40E-07	1.54E-07	6.94E-07	1.28E-07	3.93E-08	1.67E-07	9.97E-08	1.89E-08	1.19E-07
3513	624057.67	4265822.38	6.55E-07	2.08E-07	8.63E-07	5.47E-07	1.56E-07	7.03E-07	1.30E-07	3.98E-08	1.69E-07	1.01E-07	1.92E-08	1.20E-07
3514	624057.53	4265832.27	6.63E-07	2.11E-07	8.74E-07	5.54E-07	1.58E-07	7.12E-07	1.31E-07	4.03E-08	1.72E-07	1.02E-07	1.94E-08	1.22E-07
3515	624057.39	4265842.17	6.71E-07	2.13E-07	8.85E-07	5.61E-07	1.60E-07	7.21E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
3516	624057.24	4265852.06	6.80E-07	2.16E-07	8.95E-07	5.68E-07	1.62E-07	7.30E-07	1.35E-07	4.13E-08	1.76E-07	1.05E-07	1.99E-08	1.25E-07
3517	624057.1	4265861.95	6.87E-07	2.18E-07	9.06E-07	5.75E-07	1.63E-07	7.38E-07	1.36E-07	4.18E-08	1.78E-07	1.06E-07	2.01E-08	1.26E-07
3518	624056.96	4265871.84	6.95E-07	2.21E-07	9.16E-07	5.81E-07	1.65E-07	7.46E-07	1.38E-07	4.23E-08	1.80E-07	1.07E-07	2.04E-08	1.28E-07
3519	624056.81	4265881.74	7.02E-07	2.23E-07	9.25E-07	5.87E-07	1.67E-07	7.54E-07	1.39E-07	4.27E-08	1.82E-07	1.08E-07	2.06E-08	1.29E-07
3520	624056.67	4265891.63	7.09E-07	2.25E-07	9.35E-07	5.93E-07	1.69E-07	7.62E-07	1.40E-07	4.32E-08	1.84E-07	1.09E-07	2.08E-08	1.30E-07
3521	624056.53	4265901.52	7.16E-07	2.27E-07	9.44E-07	5.99E-07	1.70E-07	7.69E-07	1.42E-07	4.36E-08	1.85E-07	1.11E-07	2.10E-08	1.32E-07
3522	624056.38	4265911.41	7.23E-07	2.30E-07	9.52E-07	6.04E-07	1.72E-07	7.76E-07	1.43E-07	4.40E-08	1.87E-07	1.12E-07	2.12E-08	1.33E-07
3523	624056.24	4265921.31	7.29E-07	2.32E-07	9.61E-07	6.09E-07	1.73E-07	7.83E-07	1.44E-07	4.44E-08	1.89E-07	1.13E-07	2.14E-08	1.34E-07
3524	624056.1	4265931.2	7.35E-07	2.34E-07	9.69E-07	6.15E-07	1.75E-07	7.89E-07	1.46E-07	4.47E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
3525	624055.95	4265941.09	7.41E-07	2.35E-07	9.76E-07	6.19E-07	1.76E-07	7.96E-07	1.47E-07	4.51E-08	1.92E-07	1.14E-07	2.17E-08	1.36E-07
3526	624055.81	4265950.98	7.47E-07	2.37E-07	9.84E-07	6.24E-07	1.78E-07	8.02E-07	1.48E-07	4.54E-08	1.93E-07	1.15E-07	2.19E-08	1.37E-07
3527	624055.67	4265960.88	7.52E-07	2.39E-07	9.91E-07	6.29E-07	1.79E-07	8.08E-07	1.49E-07	4.58E-08	1.95E-07	1.16E-07	2.20E-08	1.38E-07
3528	624055.52	4265970.77	7.57E-07	2.41E-07	9.98E-07	6.33E-07	1.80E-07	8.13E-07	1.50E-07	4.61E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
3529	624055.38	4265980.66	7.62E-07	2.42E-07	1.00E-06	6.37E-07	1.81E-07	8.19E-07	1.51E-07	4.64E-08	1.97E-07	1.18E-07	2.23E-08	1.40E-07
3530	624013.75	4265654.59	4.73E-07	1.50E-07	6.23E-07	3.95E-07	1.12E-07	5.08E-07	9.36E-08	2.88E-08	1.22E-07	7.30E-08	1.39E-08	8.69E-08
3531	624017.54	4265645.81	4.72E-07	1.50E-07	6.22E-07	3.95E-07	1.12E-07	5.07E-07	9.35E-08	2.87E-08	1.22E-07	7.29E-08	1.38E-08	8.67E-08
3532	624021.32	4265637.03	4.71E-07	1.50E-07	6.21E-07	3.94E-07	1.12E-07	5.06E-07	9.33E-08	2.87E-08	1.22E-07	7.27E-08	1.38E-08	8.65E-08
3533	624025.11	4265628.25	4.70E-07	1.49E-07	6.20E-07	3.93E-07	1.12E-07	5.05E-07	9.31E-08	2.86E-08	1.22E-07	7.26E-08	1.38E-08	8.63E-08
3534	624028.9	4265619.47	4.70E-07	1.49E-07	6.19E-07	3.92E-07	1.12E-07	5.04E-07	9.29E-08	2.86E-08	1.22E-07	7.24E-08	1.38E-08	8.62E-08
3535	624032.68	4265610.68	4.69E-07	1.49E-07	6.18E-07	3.92E-07	1.11E-07	5.03E-07	9.28E-08	2.85E-08	1.21E-07	7.24E-08	1.37E-08	8.61E-08
3536	624036.47	4265601.9	4.68E-07	1.49E-07	6.17E-07	3.92E-07	1.11E-07	5.03E-07	9.27E-08	2.85E-08	1.21E-07	7.23E-08	1.37E-08	8.60E-08
3537	624040.25	4265593.12	4.68E-07	1.49E-07	6.17E-07	3.91E-07	1.11E-07	5.03E-07	9.27E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.60E-08
3538	624044.04	4265584.34	4.68E-07	1.49E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
3539	624047.83	4265575.55	4.68E-07	1.49E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
3540	624051.61	4265566.77	4.67E-07	1.48E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.25E-08	2.84E-08	1.21E-07	7.21E-08	1.37E-08	8.58E-08
3541	624055.4	4265557.99	4.68E-07	1.48E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.25E-08	2.84E-08	1.21E-07	7.21E-08	1.37E-08	8.58E-08
3542	624059.18	4265549.21	4.68E-07	1.49E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
3543	624062.97	4265540.42	4.68E-07	1.49E-07	6.17E-07	3.91E-07	1.11E-07	5.02E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
3544	624066.76	4265531.64	4.68E-07	1.49E-07	6.17E-07	3.91E-07	1.11E-07	5.03E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
3545	624070.54	4265522.86	4.68E-07	1.49E-07	6.17E-07	3.91E-07	1.11E-07	5.02E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
3546	624074.33	4265514.08	4.68E-07	1.49E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
3547	624078.11	4265505.29	4.67E-07	1.48E-07	6.15E-07	3.90E-07	1.11E-07	5.01E-07	9.24E-08	2.84E-08	1.21E-07	7.21E-08	1.37E-08	8.57E-08
3548	624081.9	4265496.51	4.66E-07	1.48E-07	6.14E-07	3.90E-07	1.11E-07	5.01E-07	9.23E-08	2.84E-08	1.21E-07	7.20E-08	1.37E-08	8.56E-08

3549	624085.69	4265487.73	4.66E-07	1.48E-07	6.13E-07	3.89E-07	1.11E-07	5.00E-07	9.22E-08	2.83E-08	1.20E-07	7.18E-08	1.36E-08	8.55E-08
3550	624089.47	4265478.95	4.65E-07	1.48E-07	6.12E-07	3.88E-07	1.11E-07	4.99E-07	9.20E-08	2.83E-08	1.20E-07	7.17E-08	1.36E-08	8.53E-08
3551	624093.26	4265470.17	4.64E-07	1.47E-07	6.11E-07	3.88E-07	1.10E-07	4.98E-07	9.18E-08	2.82E-08	1.20E-07	7.16E-08	1.36E-08	8.51E-08
3552	624097.04	4265461.38	4.63E-07	1.47E-07	6.09E-07	3.87E-07	1.10E-07	4.97E-07	9.16E-08	2.81E-08	1.20E-07	7.14E-08	1.36E-08	8.49E-08
3553	624100.83	4265452.6	4.61E-07	1.47E-07	6.08E-07	3.86E-07	1.10E-07	4.95E-07	9.13E-08	2.81E-08	1.19E-07	7.12E-08	1.35E-08	8.47E-08
3554	624104.62	4265443.82	4.60E-07	1.46E-07	6.06E-07	3.84E-07	1.09E-07	4.94E-07	9.10E-08	2.80E-08	1.19E-07	7.10E-08	1.35E-08	8.45E-08
3555	624108.4	4265435.04	4.58E-07	1.46E-07	6.04E-07	3.83E-07	1.09E-07	4.92E-07	9.07E-08	2.79E-08	1.19E-07	7.07E-08	1.34E-08	8.42E-08
3556	624112.19	4265426.25	4.57E-07	1.45E-07	6.02E-07	3.82E-07	1.09E-07	4.90E-07	9.04E-08	2.78E-08	1.18E-07	7.04E-08	1.34E-08	8.38E-08
3557	624124.86	4265413.94	4.62E-07	1.47E-07	6.08E-07	3.86E-07	1.10E-07	4.96E-07	9.14E-08	2.81E-08	1.19E-07	7.12E-08	1.35E-08	8.48E-08
3558	624133.75	4265410.4	4.69E-07	1.49E-07	6.18E-07	3.92E-07	1.11E-07	5.03E-07	9.28E-08	2.85E-08	1.21E-07	7.23E-08	1.37E-08	8.61E-08
3559	624142.63	4265406.86	4.76E-07	1.51E-07	6.27E-07	3.98E-07	1.13E-07	5.11E-07	9.42E-08	2.89E-08	1.23E-07	7.34E-08	1.39E-08	8.73E-08
3560	624151.52	4265403.33	4.82E-07	1.53E-07	6.36E-07	4.03E-07	1.15E-07	5.18E-07	9.55E-08	2.94E-08	1.25E-07	7.44E-08	1.41E-08	8.86E-08
3561	624160.4	4265399.79	4.89E-07	1.55E-07	6.44E-07	4.09E-07	1.16E-07	5.25E-07	9.68E-08	2.98E-08	1.27E-07	7.55E-08	1.43E-08	8.98E-08
3562	624169.29	4265396.26	4.96E-07	1.57E-07	6.53E-07	4.14E-07	1.18E-07	5.32E-07	9.81E-08	3.02E-08	1.28E-07	7.65E-08	1.45E-08	9.10E-08
3563	624178.18	4265392.72	5.02E-07	1.59E-07	6.61E-07	4.20E-07	1.19E-07	5.39E-07	9.94E-08	3.05E-08	1.30E-07	7.75E-08	1.47E-08	9.22E-08
3564	624187.06	4265389.19	5.08E-07	1.61E-07	6.69E-07	4.25E-07	1.21E-07	5.45E-07	1.01E-07	3.09E-08	1.31E-07	7.84E-08	1.49E-08	9.33E-08
3565	624195.95	4265385.65	5.14E-07	1.63E-07	6.77E-07	4.29E-07	1.22E-07	5.52E-07	1.02E-07	3.13E-08	1.33E-07	7.93E-08	1.51E-08	9.43E-08
3566	624204.83	4265382.12	5.19E-07	1.65E-07	6.84E-07	4.34E-07	1.23E-07	5.58E-07	1.03E-07	3.16E-08	1.34E-07	8.01E-08	1.52E-08	9.53E-08
3567	624213.72	4265378.58	5.24E-07	1.67E-07	6.91E-07	4.38E-07	1.25E-07	5.63E-07	1.04E-07	3.19E-08	1.36E-07	8.09E-08	1.54E-08	9.63E-08
3568	624222.61	4265375.04	5.29E-07	1.68E-07	6.97E-07	4.42E-07	1.26E-07	5.68E-07	1.05E-07	3.22E-08	1.37E-07	8.17E-08	1.55E-08	9.72E-08
3569	624231.49	4265371.51	5.34E-07	1.70E-07	7.03E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.56E-08	9.80E-08
3570	624240.38	4265367.97	5.38E-07	1.71E-07	7.09E-07	4.50E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.30E-08	1.58E-08	9.88E-08
3571	624249.26	4265364.44	5.42E-07	1.72E-07	7.14E-07	4.53E-07	1.29E-07	5.82E-07	1.07E-07	3.30E-08	1.40E-07	8.36E-08	1.59E-08	9.95E-08
3572	624258.15	4265360.9	5.45E-07	1.73E-07	7.19E-07	4.56E-07	1.30E-07	5.86E-07	1.08E-07	3.32E-08	1.41E-07	8.42E-08	1.60E-08	1.00E-07
3573	624267.04	4265357.37	5.49E-07	1.74E-07	7.23E-07	4.59E-07	1.31E-07	5.89E-07	1.09E-07	3.34E-08	1.42E-07	8.47E-08	1.61E-08	1.01E-07
3574	624275.92	4265353.83	5.52E-07	1.75E-07	7.28E-07	4.62E-07	1.31E-07	5.93E-07	1.09E-07	3.36E-08	1.43E-07	8.52E-08	1.62E-08	1.01E-07
3575	624284.81	4265350.29	5.56E-07	1.76E-07	7.32E-07	4.64E-07	1.32E-07	5.96E-07	1.10E-07	3.38E-08	1.44E-07	8.57E-08	1.63E-08	1.02E-07
3576	624293.69	4265346.76	5.59E-07	1.78E-07	7.37E-07	4.67E-07	1.33E-07	6.00E-07	1.11E-07	3.40E-08	1.45E-07	8.63E-08	1.64E-08	1.03E-07
3577	624302.58	4265343.22	5.63E-07	1.79E-07	7.42E-07	4.71E-07	1.34E-07	6.04E-07	1.11E-07	3.43E-08	1.46E-07	8.69E-08	1.65E-08	1.03E-07
3578	624311.47	4265339.69	5.67E-07	1.80E-07	7.47E-07	4.74E-07	1.35E-07	6.09E-07	1.12E-07	3.45E-08	1.47E-07	8.75E-08	1.66E-08	1.04E-07
3579	624320.35	4265336.15	5.71E-07	1.81E-07	7.53E-07	4.78E-07	1.36E-07	6.14E-07	1.13E-07	3.48E-08	1.48E-07	8.82E-08	1.67E-08	1.05E-07
3580	624329.24	4265332.62	5.76E-07	1.83E-07	7.59E-07	4.82E-07	1.37E-07	6.19E-07	1.14E-07	3.51E-08	1.49E-07	8.89E-08	1.69E-08	1.06E-07
3581	624338.12	4265329.08	5.81E-07	1.85E-07	7.66E-07	4.86E-07	1.38E-07	6.24E-07	1.15E-07	3.54E-08	1.50E-07	8.97E-08	1.70E-08	1.07E-07
3582	624347.01	4265325.54	5.86E-07	1.86E-07	7.73E-07	4.90E-07	1.39E-07	6.30E-07	1.16E-07	3.57E-08	1.52E-07	9.05E-08	1.72E-08	1.08E-07
3583	624355.9	4265322.01	5.92E-07	1.88E-07	7.80E-07	4.95E-07	1.41E-07	6.35E-07	1.17E-07	3.60E-08	1.53E-07	9.13E-08	1.73E-08	1.09E-07
3584	624009.97	4265663.38	4.74E-07	1.50E-07	6.24E-07	3.96E-07	1.13E-07	5.08E-07	9.37E-08	2.88E-08	1.23E-07	7.31E-08	1.39E-08	8.69E-08
3585	624009.82	4265673.27	4.79E-07	1.52E-07	6.31E-07	4.00E-07	1.14E-07	5.14E-07	9.48E-08	2.91E-08	1.24E-07	7.39E-08	1.40E-08	8.79E-08
3586	624009.68	4265683.16	4.84E-07	1.54E-07	6.38E-07	4.05E-07	1.15E-07	5.20E-07	9.58E-08	2.95E-08	1.25E-07	7.47E-08	1.42E-08	8.89E-08
3587	624009.54	4265693.05	4.89E-07	1.55E-07	6.44E-07	4.09E-07	1.16E-07	5.25E-07	9.68E-08	2.98E-08	1.27E-07	7.55E-08	1.43E-08	8.98E-08
3588	624009.39	4265702.95	4.94E-07	1.57E-07	6.51E-07	4.13E-07	1.17E-07	5.30E-07	9.78E-08	3.01E-08	1.28E-07	7.62E-08	1.45E-08	9.07E-08
3589	624009.25	4265712.84	4.99E-07	1.58E-07	6.57E-07	4.17E-07	1.19E-07	5.35E-07	9.87E-08	3.03E-08	1.29E-07	7.69E-08	1.46E-08	9.15E-08
3590	624009.11	4265722.73	5.03E-07	1.60E-07	6.63E-07	4.21E-07	1.20E-07	5.40E-07	9.96E-08	3.06E-08	1.30E-07	7.76E-08	1.47E-08	9.24E-08
3591	624008.96	4265732.62	5.08E-07	1.61E-07	6.69E-07	4.24E-07	1.21E-07	5.45E-07	1.01E-07	3.09E-08	1.31E-07	7.84E-08	1.49E-08	9.32E-08
3592	624008.82	4265742.52	5.13E-07	1.63E-07	6.75E-07	4.28E-07	1.22E-07	5.50E-07	1.01E-07	3.12E-08	1.33E-07	7.91E-08	1.50E-08	9.41E-08
3593	624008.68	4265752.41	5.17E-07	1.64E-07	6.81E-07	4.32E-07	1.23E-07	5.55E-07	1.02E-07	3.15E-08	1.34E-07	7.98E-08	1.52E-08	9.50E-08
3594	624008.54	4265762.3	5.22E-07	1.66E-07	6.88E-07	4.36E-07	1.24E-07	5.60E-07	1.03E-07	3.18E-08	1.35E-07	8.06E-08	1.53E-08	9.59E-08
3595	624008.39	4265772.19	5.27E-07	1.67E-07	6.94E-07	4.41E-07	1.25E-07	5.66E-07	1.04E-07	3.21E-08	1.36E-07	8.13E-08	1.54E-08	9.68E-08
3596	624008.25	4265782.09	5.32E-07	1.69E-07	7.02E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.78E-08
3597	624008.11	4265791.98	5.38E-07	1.71E-07	7.09E-07	4.50E-07	1.28E-07	5.78E-07	1.07E-07	3.27E-08	1.39E-07	8.30E-08	1.58E-08	9.88E-08
3598	624007.96	4265801.87	5.44E-07	1.73E-07	7.17E-07	4.55E-07	1.29E-07	5.84E-07	1.08E-07	3.31E-08	1.41E-07	8.39E-08	1.59E-08	9.99E-08
3599	624007.82	4265811.76	5.50E-07	1.75E-07	7.25E-07	4.60E-07	1.31E-07	5.91E-07	1.09E-07	3.35E-08	1.42E-07	8.49E-08	1.61E-08	1.01E-07
3600	624007.68	4265821.66	5.57E-07	1.77E-07	7.33E-07	4.65E-07	1.32E-07	5.98E-07	1.10E-07	3.39E-08	1.44E-07	8.59E-08	1.63E-08	1.02E-07
3601	624007.53	4265831.55	5.63E-07	1.79E-07	7.42E-07	4.71E-07	1.34E-07	6.05E-07	1.11E-07	3.43E-08	1.46E-07	8.69E-08	1.65E-08	1.03E-07
3602	624007.39	4265841.44	5.70E-07	1.81E-07	7.51E-07	4.76E-07	1.35E-07	6.12E-07	1.13E-07	3.47E-08	1.47E-07	8.79E-08	1.67E-08	1.05E-07
3603	624007.25	4265851.33	5.76E-07	1.83E-07	7.59E-07	4.82E-07	1.37E-07	6.19E-07	1.14E-07	3.51E-08	1.49E-07	8.89E-08	1.69E-08	1.06E-07
3604	624007.1	4265861.23	5.83E-07	1.85E-07	7.68E-07	4.87E-07	1.39E-07	6.26E-07	1.15E-07	3.55E-08	1.51E-07	9.00E-08	1.71E-08	1.07E-07
3605	624006.96	4265871.12	5.89E-07	1.87E-07	7.77E-07	4.93E-07	1.40E-07	6.33E-07	1.17E-07	3.59E-08	1.53E-07	9.10E-08	1.73E-08	1.08E-07
3606	624006.82	4265881.01	5.96E-07	1.89E-07	7.85E-07	4.98E-07	1.42E-07	6.40E-07	1.18E-07	3.63E-08	1.54E-07	9.19E-08	1.75E-08	1.09E-07
3607	624006.67	4265890.9	6.02E-07	1.91E-07	7.93E-07	5.03E-07	1.43E-07	6.46E-07	1.19E-07	3.66E-08	1.56E-07	9.29E-08	1.76E-08	1.11E-07
3608	624006.53	4265900.8	6.08E-07	1.93E-07	8.01E-07	5.08E-07	1.45E-07	6.53E-07	1.20E-07	3.70E-08	1.57E-07	9.38E-08	1.78E-08	1.12E-07
3609	624006.39	4265910.69	6.14E-07	1.95E-07	8.09E-07	5.13E-07	1.46E-07	6.59E-07	1.22E-07	3.74E-08	1.59E-07	9.47E-08	1.80E-08	1.13E-07
3610	624006.25	4265920.58	6.20E-07	1.97E-07	8.16E-07	5.18E-07	1.47E-07	6.65E-07	1.23E-07	3.77E-08	1.60E-07	9.56E-08	1.82E-08	1.14E-07
3611	624006.1	4265930.47	6.25E-07	1.99E-07	8.24E-07	5.23E-07	1.49E-07	6.71E-07	1.24E-07	3.80E-08	1.62E-07	9.65E-08	1.83E-08	1.15E-07
3612	624005.96	4265940.37	6.31E-07	2.00E-07	8.31E-07	5.27E-07	1.50E-07	6.77E-07	1.25E-07	3.84E-08	1.63E-07	9.73E-08	1.85E-08	1.16E-07
3613	624005.82	4265950.26	6.36E-07	2.02E-07	8.38E-07	5.31E-07	1.51E-07	6.83E-07	1.26E-07	3.87E-08	1.65E-07	9.81E-08	1.86E-08	1.17E-07
3614	624005.67	4265960.15	6.41E-07	2.03E-07	8.44E-07	5.36E-07	1.52E-07	6.88E-07	1.27E-07	3.90E-08	1.66E-07	9.89E-08	1.88E-08	1.18E-07
3615	624005.53	4265970.04	6.46E-07	2.05E-07	8.51E-07	5.40E-07	1.53E-07	6.93E-07	1.28E-07	3.93E-08	1.67E-07	9.96E-08	1.89E-08	1.19E-07
3616	624005.39	4265979.94	6.50E-07	2.06E-07	8.56E-07	5.43E-07	1.55E-07	6.98E-07	1.29E-07	3.96E-08	1.68E-07	1.00E-07	1.91E-08	1.19E-07
3617	624005.24	4265989.83	6.54E-07	2.08E-07	8.62E-07	5.47E-07	1.56E-07	7.02E-07	1.30E-07	3.98E-08	1.69E-07	1.01E-07	1.92E-08	1.20E-07
3618	624005.1	4265999.72	6.58E-07	2.09E-07	8.67E-07	5.50E-07	1.57E-07	7.07E-07	1.30E-07	4.01E-08	1.70E-07	1.02E-07	1.93E-08	1.21E-07
3619	624004.96	4266009.61	6.62E-07	2.10E-07	8.72E-07	5.53E-07	1.57E-07	7.11E-07	1.31E-07	4.03E-08	1.71E-07	1.02E-07	1.94E-08	1.22E-07
3620	624004.81	4266019.51	6.65E-07	2.11E-07	8.76E-07	5.56E-07	1.58E-07	7.14E-07	1.32E-07	4.05E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07
3621	624004.67	4266029.4	6.68E-07	2.12E-07	8.80E-07	5.58E-07	1.59E-07	7.17E-07	1.32E-07	4.07E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
3622	624004.53	4266039.29	6.71E-07	2.13E-07	8.83E-07	5.60E-07	1.59E-07	7.20E-07	1.33E-07	4.08E-08	1.74E-07	1.03E-07	1.97E-08	1.23E-07

3623	624004.38	4266049.18	6.72E-07	2.14E-07	8.86E-07	5.62E-07	1.60E-07	7.22E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
3624	624004.24	4266059.08	6.74E-07	2.14E-07	8.88E-07	5.63E-07	1.60E-07	7.23E-07	1.33E-07	4.10E-08	1.74E-07	1.04E-07	1.97E-08	1.24E-07
3625	624004.1	4266068.97	6.75E-07	2.14E-07	8.89E-07	5.64E-07	1.60E-07	7.24E-07	1.34E-07	4.10E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
3626	623963.88	4265653.59	4.19E-07	1.33E-07	5.52E-07	3.50E-07	9.96E-08	4.50E-07	8.29E-08	2.55E-08	1.08E-07	6.47E-08	1.23E-08	7.69E-08
3627	623967.79	4265644.52	4.18E-07	1.33E-07	5.51E-07	3.50E-07	9.95E-08	4.49E-07	8.28E-08	2.55E-08	1.08E-07	6.46E-08	1.23E-08	7.68E-08
3628	623971.7	4265635.46	4.18E-07	1.33E-07	5.51E-07	3.49E-07	9.93E-08	4.49E-07	8.27E-08	2.54E-08	1.08E-07	6.45E-08	1.22E-08	7.67E-08
3629	623975.6	4265626.39	4.17E-07	1.32E-07	5.50E-07	3.49E-07	9.92E-08	4.48E-07	8.26E-08	2.54E-08	1.08E-07	6.44E-08	1.22E-08	7.66E-08
3630	623979.51	4265617.33	4.16E-07	1.32E-07	5.49E-07	3.48E-07	9.90E-08	4.47E-07	8.24E-08	2.53E-08	1.08E-07	6.43E-08	1.22E-08	7.65E-08
3631	623983.42	4265608.26	4.16E-07	1.32E-07	5.48E-07	3.48E-07	9.89E-08	4.46E-07	8.23E-08	2.53E-08	1.08E-07	6.42E-08	1.22E-08	7.63E-08
3632	623987.33	4265599.19	4.15E-07	1.32E-07	5.47E-07	3.47E-07	9.87E-08	4.46E-07	8.22E-08	2.53E-08	1.07E-07	6.41E-08	1.22E-08	7.62E-08
3633	623991.24	4265590.13	4.15E-07	1.32E-07	5.47E-07	3.47E-07	9.86E-08	4.45E-07	8.21E-08	2.52E-08	1.07E-07	6.40E-08	1.22E-08	7.62E-08
3634	623995.14	4265581.06	4.15E-07	1.32E-07	5.46E-07	3.46E-07	9.86E-08	4.45E-07	8.20E-08	2.52E-08	1.07E-07	6.40E-08	1.21E-08	7.61E-08
3635	623999.05	4265572	4.14E-07	1.32E-07	5.46E-07	3.46E-07	9.85E-08	4.45E-07	8.20E-08	2.52E-08	1.07E-07	6.39E-08	1.21E-08	7.61E-08
3636	624002.96	4265562.93	4.14E-07	1.32E-07	5.46E-07	3.46E-07	9.85E-08	4.45E-07	8.20E-08	2.52E-08	1.07E-07	6.39E-08	1.21E-08	7.61E-08
3637	624006.87	4265553.87	4.14E-07	1.32E-07	5.46E-07	3.46E-07	9.86E-08	4.45E-07	8.20E-08	2.52E-08	1.07E-07	6.40E-08	1.21E-08	7.61E-08
3638	624010.78	4265544.8	4.15E-07	1.32E-07	5.46E-07	3.47E-07	9.86E-08	4.45E-07	8.21E-08	2.52E-08	1.07E-07	6.40E-08	1.22E-08	7.61E-08
3639	624014.68	4265535.73	4.15E-07	1.32E-07	5.47E-07	3.47E-07	9.87E-08	4.45E-07	8.21E-08	2.52E-08	1.07E-07	6.40E-08	1.22E-08	7.62E-08
3640	624018.59	4265526.67	4.15E-07	1.32E-07	5.47E-07	3.47E-07	9.87E-08	4.46E-07	8.22E-08	2.53E-08	1.07E-07	6.41E-08	1.22E-08	7.62E-08
3641	624022.5	4265517.6	4.15E-07	1.32E-07	5.47E-07	3.47E-07	9.87E-08	4.46E-07	8.22E-08	2.53E-08	1.07E-07	6.41E-08	1.22E-08	7.63E-08
3642	624026.41	4265508.54	4.15E-07	1.32E-07	5.47E-07	3.47E-07	9.88E-08	4.46E-07	8.22E-08	2.53E-08	1.08E-07	6.41E-08	1.22E-08	7.63E-08
3643	624030.32	4265499.47	4.15E-07	1.32E-07	5.47E-07	3.47E-07	9.88E-08	4.46E-07	8.22E-08	2.53E-08	1.07E-07	6.41E-08	1.22E-08	7.63E-08
3644	624034.23	4265490.41	4.15E-07	1.32E-07	5.47E-07	3.47E-07	9.87E-08	4.46E-07	8.22E-08	2.53E-08	1.07E-07	6.41E-08	1.22E-08	7.62E-08
3645	624038.13	4265481.34	4.15E-07	1.32E-07	5.47E-07	3.47E-07	9.86E-08	4.45E-07	8.21E-08	2.52E-08	1.07E-07	6.40E-08	1.22E-08	7.62E-08
3646	624042.04	4265472.28	4.14E-07	1.32E-07	5.46E-07	3.46E-07	9.85E-08	4.45E-07	8.20E-08	2.52E-08	1.07E-07	6.39E-08	1.21E-08	7.61E-08
3647	624045.95	4265463.21	4.14E-07	1.31E-07	5.45E-07	3.46E-07	9.83E-08	4.44E-07	8.19E-08	2.52E-08	1.07E-07	6.38E-08	1.21E-08	7.59E-08
3648	624049.86	4265454.14	4.13E-07	1.31E-07	5.44E-07	3.45E-07	9.81E-08	4.43E-07	8.17E-08	2.51E-08	1.07E-07	6.37E-08	1.21E-08	7.58E-08
3649	624053.77	4265445.08	4.12E-07	1.31E-07	5.43E-07	3.44E-07	9.79E-08	4.42E-07	8.15E-08	2.51E-08	1.07E-07	6.35E-08	1.21E-08	7.56E-08
3650	624057.67	4265436.01	4.11E-07	1.30E-07	5.41E-07	3.43E-07	9.76E-08	4.41E-07	8.13E-08	2.50E-08	1.06E-07	6.34E-08	1.20E-08	7.54E-08
3651	624061.58	4265426.95	4.09E-07	1.30E-07	5.39E-07	3.42E-07	9.74E-08	4.40E-07	8.10E-08	2.49E-08	1.06E-07	6.32E-08	1.20E-08	7.52E-08
3652	624065.49	4265417.88	4.08E-07	1.30E-07	5.38E-07	3.41E-07	9.71E-08	4.38E-07	8.08E-08	2.48E-08	1.06E-07	6.30E-08	1.20E-08	7.49E-08
3653	624069.4	4265408.82	4.07E-07	1.29E-07	5.36E-07	3.40E-07	9.67E-08	4.37E-07	8.05E-08	2.48E-08	1.05E-07	6.28E-08	1.19E-08	7.47E-08
3654	624073.31	4265399.75	4.06E-07	1.29E-07	5.34E-07	3.39E-07	9.64E-08	4.35E-07	8.03E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.45E-08
3655	624077.21	4265390.68	4.04E-07	1.28E-07	5.32E-07	3.38E-07	9.61E-08	4.34E-07	8.00E-08	2.46E-08	1.05E-07	6.24E-08	1.18E-08	7.42E-08
3656	624090.3	4265377.97	4.08E-07	1.30E-07	5.38E-07	3.41E-07	9.71E-08	4.39E-07	8.09E-08	2.49E-08	1.06E-07	6.30E-08	1.20E-08	7.50E-08
3657	624099.47	4265374.32	4.14E-07	1.32E-07	5.46E-07	3.46E-07	9.85E-08	4.45E-07	8.20E-08	2.52E-08	1.07E-07	6.39E-08	1.21E-08	7.61E-08
3658	624108.64	4265370.67	4.20E-07	1.33E-07	5.54E-07	3.51E-07	9.99E-08	4.51E-07	8.32E-08	2.56E-08	1.09E-07	6.48E-08	1.23E-08	7.71E-08
3659	624117.81	4265367.02	4.26E-07	1.35E-07	5.62E-07	3.56E-07	1.01E-07	4.58E-07	8.44E-08	2.59E-08	1.10E-07	6.58E-08	1.25E-08	7.83E-08
3660	624126.99	4265363.37	4.32E-07	1.37E-07	5.70E-07	3.61E-07	1.03E-07	4.64E-07	8.56E-08	2.63E-08	1.12E-07	6.67E-08	1.27E-08	7.94E-08
3661	624136.16	4265359.72	4.38E-07	1.39E-07	5.78E-07	3.66E-07	1.04E-07	4.71E-07	8.68E-08	2.67E-08	1.13E-07	6.76E-08	1.28E-08	8.05E-08
3662	624145.33	4265356.07	4.44E-07	1.41E-07	5.85E-07	3.71E-07	1.06E-07	4.77E-07	8.79E-08	2.70E-08	1.15E-07	6.86E-08	1.30E-08	8.16E-08
3663	624154.5	4265352.42	4.50E-07	1.43E-07	5.93E-07	3.76E-07	1.07E-07	4.83E-07	8.90E-08	2.74E-08	1.16E-07	6.94E-08	1.32E-08	8.26E-08
3664	624163.68	4265348.77	4.55E-07	1.45E-07	6.00E-07	3.80E-07	1.08E-07	4.89E-07	9.01E-08	2.77E-08	1.18E-07	7.02E-08	1.33E-08	8.36E-08
3665	624172.85	4265345.12	4.60E-07	1.46E-07	6.06E-07	3.85E-07	1.09E-07	4.94E-07	9.11E-08	2.80E-08	1.19E-07	7.10E-08	1.35E-08	8.45E-08
3666	624182.02	4265341.47	4.65E-07	1.48E-07	6.13E-07	3.89E-07	1.11E-07	4.99E-07	9.21E-08	2.83E-08	1.20E-07	7.18E-08	1.36E-08	8.54E-08
3667	624191.19	4265337.82	4.70E-07	1.49E-07	6.19E-07	3.93E-07	1.12E-07	5.04E-07	9.30E-08	2.86E-08	1.22E-07	7.25E-08	1.38E-08	8.62E-08
3668	624200.37	4265334.17	4.74E-07	1.50E-07	6.24E-07	3.96E-07	1.13E-07	5.09E-07	9.38E-08	2.88E-08	1.23E-07	7.31E-08	1.39E-08	8.70E-08
3669	624209.54	4265330.52	4.78E-07	1.52E-07	6.30E-07	3.99E-07	1.14E-07	5.13E-07	9.46E-08	2.91E-08	1.24E-07	7.37E-08	1.40E-08	8.77E-08
3670	624218.71	4265326.87	4.81E-07	1.53E-07	6.34E-07	4.02E-07	1.14E-07	5.17E-07	9.53E-08	2.93E-08	1.25E-07	7.43E-08	1.41E-08	8.84E-08
3671	624227.89	4265323.22	4.85E-07	1.54E-07	6.39E-07	4.05E-07	1.15E-07	5.20E-07	9.59E-08	2.95E-08	1.25E-07	7.48E-08	1.42E-08	8.90E-08
3672	624237.06	4265319.57	4.88E-07	1.55E-07	6.43E-07	4.08E-07	1.16E-07	5.24E-07	9.65E-08	2.97E-08	1.26E-07	7.52E-08	1.43E-08	8.95E-08
3673	624246.23	4265315.92	4.90E-07	1.56E-07	6.46E-07	4.10E-07	1.17E-07	5.26E-07	9.71E-08	2.98E-08	1.27E-07	7.57E-08	1.44E-08	9.00E-08
3674	624255.4	4265312.27	4.93E-07	1.57E-07	6.50E-07	4.12E-07	1.17E-07	5.29E-07	9.76E-08	3.00E-08	1.28E-07	7.61E-08	1.44E-08	9.05E-08
3675	624264.58	4265308.63	4.95E-07	1.57E-07	6.53E-07	4.14E-07	1.18E-07	5.32E-07	9.81E-08	3.01E-08	1.28E-07	7.65E-08	1.45E-08	9.10E-08
3676	624273.75	4265304.98	4.98E-07	1.58E-07	6.56E-07	4.16E-07	1.18E-07	5.35E-07	9.86E-08	3.03E-08	1.29E-07	7.68E-08	1.46E-08	9.14E-08
3677	624282.92	4265301.33	5.01E-07	1.59E-07	6.60E-07	4.18E-07	1.19E-07	5.37E-07	9.91E-08	3.05E-08	1.30E-07	7.72E-08	1.47E-08	9.19E-08
3678	624292.09	4265297.68	5.03E-07	1.60E-07	6.63E-07	4.21E-07	1.20E-07	5.40E-07	9.96E-08	3.06E-08	1.30E-07	7.77E-08	1.48E-08	9.24E-08
3679	624301.27	4265294.03	5.06E-07	1.61E-07	6.67E-07	4.23E-07	1.20E-07	5.44E-07	1.00E-07	3.08E-08	1.31E-07	7.81E-08	1.48E-08	9.30E-08
3680	624310.44	4265290.38	5.10E-07	1.62E-07	6.72E-07	4.26E-07	1.21E-07	5.47E-07	1.01E-07	3.10E-08	1.32E-07	7.87E-08	1.49E-08	9.36E-08
3681	624319.61	4265286.73	5.13E-07	1.63E-07	6.76E-07	4.29E-07	1.22E-07	5.51E-07	1.02E-07	3.12E-08	1.33E-07	7.92E-08	1.50E-08	9.42E-08
3682	624328.79	4265283.08	5.17E-07	1.64E-07	6.81E-07	4.32E-07	1.23E-07	5.55E-07	1.02E-07	3.15E-08	1.34E-07	7.98E-08	1.52E-08	9.50E-08
3683	624337.96	4265279.43	5.21E-07	1.66E-07	6.87E-07	4.36E-07	1.24E-07	5.60E-07	1.03E-07	3.17E-08	1.35E-07	8.04E-08	1.53E-08	9.57E-08
3684	624347.13	4265275.78	5.25E-07	1.67E-07	6.92E-07	4.39E-07	1.25E-07	5.64E-07	1.04E-07	3.20E-08	1.36E-07	8.11E-08	1.54E-08	9.65E-08
3685	624356.3	4265272.13	5.29E-07	1.68E-07	6.97E-07	4.42E-07	1.26E-07	5.68E-07	1.05E-07	3.22E-08	1.37E-07	8.17E-08	1.55E-08	9.72E-08
3686	623959.97	4265662.65	4.19E-07	1.33E-07	5.53E-07	3.51E-07	9.97E-08	4.50E-07	8.30E-08	2.55E-08	1.09E-07	6.47E-08	1.23E-08	7.70E-08
3687	623959.83	4265672.55	4.24E-07	1.35E-07	5.58E-07	3.54E-07	1.01E-07	4.55E-07	8.38E-08	2.58E-08	1.10E-07	6.54E-08	1.24E-08	7.78E-08
3688	623959.69	4265682.44	4.28E-07	1.36E-07	5.63E-07	3.57E-07	1.02E-07	4.59E-07	8.46E-08	2.60E-08	1.11E-07	6.60E-08	1.25E-08	7.85E-08
3689	623959.54	4265692.33	4.31E-07	1.37E-07	5.68E-07	3.61E-07	1.03E-07	4.63E-07	8.54E-08	2.63E-08	1.12E-07	6.66E-08	1.26E-08	7.92E-08
3690	623959.4	4265702.22	4.35E-07	1.38E-07	5.73E-07	3.64E-07	1.03E-07	4.67E-07	8.61E-08	2.65E-08	1.13E-07	6.71E-08	1.28E-08	7.99E-08
3691	623959.26	4265712.12	4.39E-07	1.39E-07	5.78E-07	3.67E-07	1.04E-07	4.71E-07	8.68E-08	2.67E-08	1.13E-07	6.77E-08	1.29E-08	8.05E-08
3692	623959.11	4265722.01	4.42E-07	1.40E-07	5.82E-07	3.69E-07	1.05E-07	4.74E-07	8.75E-08	2.69E-08	1.14E-07	6.82E-08	1.29E-08	8.11E-08
3693	623958.97	4265731.9	4.45E-07	1.41E-07	5.86E-07	3.72E-07	1.06E-07	4.78E-07	8.81E-08	2.71E-08	1.15E-07	6.87E-08	1.30E-08	8.17E-08
3694	623958.83	4265741.79	4.48E-07	1.42E-07	5.91E-07	3.75E-07	1.07E-07	4.81E-07	8.87E-08	2.73E-08	1.16E-07	6.92E-08	1.31E-08	8.23E-08
3695	623958.68	4265751.69	4.51E-07	1.43E-07	5.95E-07	3.77E-07	1.07E-07	4.85E-07	8.93E-08	2.75E-08	1.17E-07	6.97E-08	1.32E-08	8.29E-08
3696	623958.54	4265761.58	4.55E-07	1.44E-07	5.99E-07	3.80E-07	1.08E-07	4.88E-07	9.00E-08	2.77E-08	1.18E-07	7.02E-08	1.33E-08	8.35E-08

3697	623958.4	4265771.47	4.58E-07	1.46E-07	6.04E-07	3.83E-07	1.09E-07	4.92E-07	9.07E-08	2.79E-08	1.19E-07	7.07E-08	1.34E-08	8.41E-08
3698	623958.25	4265781.36	4.62E-07	1.47E-07	6.09E-07	3.86E-07	1.10E-07	4.96E-07	9.14E-08	2.81E-08	1.20E-07	7.13E-08	1.35E-08	8.48E-08
3699	623958.11	4265791.26	4.66E-07	1.48E-07	6.14E-07	3.89E-07	1.11E-07	5.00E-07	9.22E-08	2.83E-08	1.21E-07	7.19E-08	1.37E-08	8.55E-08
3700	623957.97	4265801.15	4.70E-07	1.49E-07	6.19E-07	3.93E-07	1.12E-07	5.05E-07	9.30E-08	2.86E-08	1.22E-07	7.25E-08	1.38E-08	8.63E-08
3701	623957.82	4265811.04	4.75E-07	1.51E-07	6.25E-07	3.97E-07	1.13E-07	5.10E-07	9.39E-08	2.89E-08	1.23E-07	7.32E-08	1.39E-08	8.71E-08
3702	623957.68	4265820.93	4.79E-07	1.52E-07	6.32E-07	4.01E-07	1.14E-07	5.15E-07	9.49E-08	2.92E-08	1.24E-07	7.40E-08	1.41E-08	8.80E-08
3703	623957.54	4265830.83	4.85E-07	1.54E-07	6.38E-07	4.05E-07	1.15E-07	5.20E-07	9.59E-08	2.95E-08	1.25E-07	7.48E-08	1.42E-08	8.90E-08
3704	623957.4	4265840.72	4.90E-07	1.56E-07	6.45E-07	4.09E-07	1.16E-07	5.26E-07	9.70E-08	2.98E-08	1.27E-07	7.56E-08	1.44E-08	8.99E-08
3705	623957.25	4265850.61	4.95E-07	1.57E-07	6.53E-07	4.14E-07	1.18E-07	5.32E-07	9.80E-08	3.01E-08	1.28E-07	7.64E-08	1.45E-08	9.09E-08
3706	623957.11	4265860.5	5.01E-07	1.59E-07	6.60E-07	4.19E-07	1.19E-07	5.38E-07	9.91E-08	3.05E-08	1.30E-07	7.73E-08	1.47E-08	9.20E-08
3707	623956.97	4265870.4	5.07E-07	1.61E-07	6.68E-07	4.24E-07	1.20E-07	5.44E-07	1.00E-07	3.08E-08	1.31E-07	7.82E-08	1.49E-08	9.30E-08
3708	623956.82	4265880.29	5.13E-07	1.63E-07	6.75E-07	4.28E-07	1.22E-07	5.50E-07	1.01E-07	3.12E-08	1.33E-07	7.91E-08	1.50E-08	9.41E-08
3709	623956.68	4265890.18	5.19E-07	1.65E-07	6.83E-07	4.33E-07	1.23E-07	5.57E-07	1.03E-07	3.16E-08	1.34E-07	8.00E-08	1.52E-08	9.52E-08
3710	623956.54	4265900.07	5.24E-07	1.66E-07	6.91E-07	4.38E-07	1.25E-07	5.63E-07	1.04E-07	3.19E-08	1.36E-07	8.09E-08	1.54E-08	9.63E-08
3711	623956.39	4265909.97	5.30E-07	1.68E-07	6.98E-07	4.43E-07	1.26E-07	5.69E-07	1.05E-07	3.22E-08	1.37E-07	8.17E-08	1.55E-08	9.73E-08
3712	623956.25	4265919.86	5.35E-07	1.70E-07	7.05E-07	4.47E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.38E-07	8.26E-08	1.57E-08	9.83E-08
3713	623956.11	4265929.75	5.40E-07	1.72E-07	7.12E-07	4.52E-07	1.28E-07	5.80E-07	1.07E-07	3.29E-08	1.40E-07	8.34E-08	1.58E-08	9.92E-08
3714	623955.96	4265939.64	5.46E-07	1.73E-07	7.19E-07	4.56E-07	1.30E-07	5.86E-07	1.08E-07	3.32E-08	1.41E-07	8.42E-08	1.60E-08	1.00E-07
3715	623955.82	4265949.54	5.50E-07	1.75E-07	7.25E-07	4.60E-07	1.31E-07	5.91E-07	1.09E-07	3.35E-08	1.42E-07	8.49E-08	1.61E-08	1.01E-07
3716	623955.68	4265959.43	5.55E-07	1.76E-07	7.32E-07	4.64E-07	1.32E-07	5.96E-07	1.10E-07	3.38E-08	1.44E-07	8.57E-08	1.63E-08	1.02E-07
3717	623955.53	4265969.32	5.60E-07	1.78E-07	7.37E-07	4.68E-07	1.33E-07	6.01E-07	1.11E-07	3.40E-08	1.45E-07	8.63E-08	1.64E-08	1.03E-07
3718	623955.39	4265979.21	5.64E-07	1.79E-07	7.43E-07	4.71E-07	1.34E-07	6.05E-07	1.12E-07	3.43E-08	1.46E-07	8.70E-08	1.65E-08	1.03E-07
3719	623955.25	4265989.11	5.67E-07	1.80E-07	7.48E-07	4.74E-07	1.35E-07	6.09E-07	1.12E-07	3.45E-08	1.47E-07	8.76E-08	1.66E-08	1.04E-07
3720	623955.11	4265999	5.71E-07	1.81E-07	7.52E-07	4.77E-07	1.36E-07	6.13E-07	1.13E-07	3.47E-08	1.48E-07	8.81E-08	1.67E-08	1.05E-07
3721	623954.96	4266008.89	5.74E-07	1.82E-07	7.56E-07	4.80E-07	1.36E-07	6.16E-07	1.14E-07	3.49E-08	1.49E-07	8.86E-08	1.68E-08	1.05E-07
3722	623954.82	4266018.78	5.77E-07	1.83E-07	7.60E-07	4.82E-07	1.37E-07	6.19E-07	1.14E-07	3.51E-08	1.49E-07	8.90E-08	1.69E-08	1.06E-07
3723	623954.68	4266028.68	5.79E-07	1.84E-07	7.63E-07	4.84E-07	1.38E-07	6.22E-07	1.15E-07	3.53E-08	1.50E-07	8.94E-08	1.70E-08	1.06E-07
3724	623954.53	4266038.57	5.81E-07	1.85E-07	7.66E-07	4.86E-07	1.38E-07	6.24E-07	1.15E-07	3.54E-08	1.50E-07	8.97E-08	1.70E-08	1.07E-07
3725	623954.39	4266048.46	5.83E-07	1.85E-07	7.68E-07	4.87E-07	1.39E-07	6.26E-07	1.15E-07	3.55E-08	1.51E-07	9.00E-08	1.71E-08	1.07E-07
3726	623954.25	4266058.35	5.84E-07	1.86E-07	7.70E-07	4.88E-07	1.39E-07	6.27E-07	1.16E-07	3.56E-08	1.51E-07	9.02E-08	1.71E-08	1.07E-07
3727	623954.1	4266068.25	5.85E-07	1.86E-07	7.71E-07	4.89E-07	1.39E-07	6.28E-07	1.16E-07	3.56E-08	1.51E-07	9.03E-08	1.72E-08	1.07E-07
3728	623913.87	4265652.9	3.75E-07	1.19E-07	4.94E-07	3.13E-07	8.92E-08	4.03E-07	7.42E-08	2.28E-08	9.71E-08	5.79E-08	1.10E-08	6.89E-08
3729	623917.77	4265643.86	3.75E-07	1.19E-07	4.94E-07	3.13E-07	8.91E-08	4.02E-07	7.42E-08	2.28E-08	9.70E-08	5.78E-08	1.10E-08	6.88E-08
3730	623921.66	4265634.83	3.74E-07	1.19E-07	4.93E-07	3.13E-07	8.90E-08	4.02E-07	7.41E-08	2.28E-08	9.68E-08	5.77E-08	1.10E-08	6.87E-08
3731	623925.55	4265625.8	3.74E-07	1.19E-07	4.92E-07	3.12E-07	8.89E-08	4.01E-07	7.40E-08	2.27E-08	9.67E-08	5.77E-08	1.10E-08	6.86E-08
3732	623929.45	4265616.76	3.73E-07	1.19E-07	4.92E-07	3.12E-07	8.88E-08	4.01E-07	7.39E-08	2.27E-08	9.66E-08	5.76E-08	1.09E-08	6.85E-08
3733	623933.34	4265607.73	3.73E-07	1.18E-07	4.91E-07	3.12E-07	8.86E-08	4.00E-07	7.38E-08	2.27E-08	9.65E-08	5.75E-08	1.09E-08	6.85E-08
3734	623937.24	4265598.7	3.72E-07	1.18E-07	4.91E-07	3.11E-07	8.85E-08	4.00E-07	7.37E-08	2.27E-08	9.64E-08	5.75E-08	1.09E-08	6.84E-08
3735	623941.13	4265589.66	3.72E-07	1.18E-07	4.90E-07	3.11E-07	8.84E-08	3.99E-07	7.36E-08	2.26E-08	9.63E-08	5.74E-08	1.09E-08	6.83E-08
3736	623945.02	4265580.63	3.72E-07	1.18E-07	4.90E-07	3.11E-07	8.84E-08	3.99E-07	7.36E-08	2.26E-08	9.62E-08	5.73E-08	1.09E-08	6.82E-08
3737	623948.92	4265571.6	3.71E-07	1.18E-07	4.89E-07	3.10E-07	8.83E-08	3.99E-07	7.35E-08	2.26E-08	9.61E-08	5.73E-08	1.09E-08	6.82E-08
3738	623952.81	4265562.56	3.71E-07	1.18E-07	4.89E-07	3.10E-07	8.83E-08	3.99E-07	7.35E-08	2.26E-08	9.61E-08	5.73E-08	1.09E-08	6.82E-08
3739	623956.71	4265553.53	3.71E-07	1.18E-07	4.89E-07	3.10E-07	8.83E-08	3.99E-07	7.35E-08	2.26E-08	9.61E-08	5.73E-08	1.09E-08	6.82E-08
3740	623960.6	4265544.5	3.71E-07	1.18E-07	4.89E-07	3.10E-07	8.83E-08	3.99E-07	7.35E-08	2.26E-08	9.61E-08	5.73E-08	1.09E-08	6.82E-08
3741	623964.49	4265535.46	3.72E-07	1.18E-07	4.90E-07	3.11E-07	8.84E-08	3.99E-07	7.36E-08	2.26E-08	9.62E-08	5.73E-08	1.09E-08	6.82E-08
3742	623968.39	4265526.43	3.72E-07	1.18E-07	4.90E-07	3.11E-07	8.84E-08	3.99E-07	7.36E-08	2.26E-08	9.62E-08	5.74E-08	1.09E-08	6.83E-08
3743	623972.28	4265517.4	3.72E-07	1.18E-07	4.90E-07	3.11E-07	8.85E-08	4.00E-07	7.37E-08	2.26E-08	9.63E-08	5.74E-08	1.09E-08	6.83E-08
3744	623976.18	4265508.36	3.72E-07	1.18E-07	4.91E-07	3.11E-07	8.85E-08	4.00E-07	7.37E-08	2.27E-08	9.64E-08	5.75E-08	1.09E-08	6.84E-08
3745	623980.07	4265499.33	3.73E-07	1.18E-07	4.91E-07	3.11E-07	8.86E-08	4.00E-07	7.37E-08	2.27E-08	9.64E-08	5.75E-08	1.09E-08	6.84E-08
3746	623983.97	4265490.3	3.73E-07	1.18E-07	4.91E-07	3.12E-07	8.86E-08	4.00E-07	7.38E-08	2.27E-08	9.65E-08	5.75E-08	1.09E-08	6.84E-08
3747	623987.86	4265481.27	3.73E-07	1.18E-07	4.91E-07	3.12E-07	8.86E-08	4.00E-07	7.38E-08	2.27E-08	9.65E-08	5.75E-08	1.09E-08	6.84E-08
3748	623991.75	4265472.23	3.73E-07	1.18E-07	4.91E-07	3.11E-07	8.86E-08	4.00E-07	7.38E-08	2.27E-08	9.64E-08	5.75E-08	1.09E-08	6.84E-08
3749	623995.65	4265463.2	3.72E-07	1.18E-07	4.91E-07	3.11E-07	8.85E-08	4.00E-07	7.37E-08	2.27E-08	9.64E-08	5.75E-08	1.09E-08	6.84E-08
3750	623999.54	4265454.17	3.72E-07	1.18E-07	4.90E-07	3.11E-07	8.85E-08	3.99E-07	7.36E-08	2.26E-08	9.63E-08	5.74E-08	1.09E-08	6.83E-08
3751	624003.44	4265445.13	3.71E-07	1.18E-07	4.89E-07	3.10E-07	8.83E-08	3.99E-07	7.35E-08	2.26E-08	9.61E-08	5.73E-08	1.09E-08	6.82E-08
3752	624007.33	4265436.1	3.71E-07	1.18E-07	4.89E-07	3.10E-07	8.82E-08	3.98E-07	7.34E-08	2.26E-08	9.59E-08	5.72E-08	1.09E-08	6.81E-08
3753	624011.22	4265427.07	3.70E-07	1.17E-07	4.87E-07	3.09E-07	8.80E-08	3.97E-07	7.32E-08	2.25E-08	9.57E-08	5.71E-08	1.08E-08	6.79E-08
3754	624015.12	4265418.03	3.69E-07	1.17E-07	4.86E-07	3.08E-07	8.77E-08	3.96E-07	7.30E-08	2.25E-08	9.55E-08	5.69E-08	1.08E-08	6.78E-08
3755	624019.01	4265409	3.68E-07	1.17E-07	4.85E-07	3.08E-07	8.75E-08	3.95E-07	7.28E-08	2.24E-08	9.52E-08	5.68E-08	1.08E-08	6.76E-08
3756	624022.91	4265399.97	3.67E-07	1.17E-07	4.83E-07	3.07E-07	8.72E-08	3.94E-07	7.26E-08	2.23E-08	9.49E-08	5.66E-08	1.08E-08	6.74E-08
3757	624026.8	4265390.93	3.66E-07	1.16E-07	4.82E-07	3.06E-07	8.70E-08	3.93E-07	7.24E-08	2.23E-08	9.47E-08	5.64E-08	1.07E-08	6.72E-08
3758	624030.69	4265381.9	3.65E-07	1.16E-07	4.80E-07	3.05E-07	8.67E-08	3.91E-07	7.22E-08	2.22E-08	9.44E-08	5.63E-08	1.07E-08	6.69E-08
3759	624034.59	4265372.87	3.63E-07	1.15E-07	4.79E-07	3.04E-07	8.64E-08	3.90E-07	7.19E-08	2.21E-08	9.40E-08	5.61E-08	1.07E-08	6.67E-08
3760	624038.48	4265363.83	3.62E-07	1.15E-07	4.77E-07	3.03E-07	8.61E-08	3.89E-07	7.17E-08	2.20E-08	9.37E-08	5.59E-08	1.06E-08	6.65E-08
3761	624042.38	4265354.8	3.61E-07	1.15E-07	4.76E-07	3.02E-07	8.58E-08	3.88E-07	7.15E-08	2.20E-08	9.34E-08	5.57E-08	1.06E-08	6.63E-08
3762	624055.41	4265342.13	3.65E-07	1.16E-07	4.80E-07	3.05E-07	8.67E-08	3.91E-07	7.22E-08	2.22E-08	9.44E-08	5.63E-08	1.07E-08	6.70E-08
3763	624064.55	4265338.49	3.70E-07	1.17E-07	4.87E-07	3.09E-07	8.79E-08	3.97E-07	7.31E-08	2.25E-08	9.56E-08	5.70E-08	1.08E-08	6.78E-08
3764	624073.69	4265334.86	3.74E-07	1.19E-07	4.93E-07	3.13E-07	8.90E-08	4.02E-07	7.41E-08	2.28E-08	9.69E-08	5.78E-08	1.10E-08	6.88E-08
3765	624082.83	4265331.22	3.80E-07	1.21E-07	5.00E-07	3.17E-07	9.02E-08	4.07E-07	7.51E-08	2.31E-08	9.82E-08	5.86E-08	1.11E-08	6.97E-08
3766	624091.97	4265327.58	3.85E-07	1.22E-07	5.07E-07	3.22E-07	9.15E-08	4.13E-07	7.62E-08	2.34E-08	9.96E-08	5.94E-08	1.13E-08	7.07E-08
3767	624101.11	4265323.95	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.28E-08	4.19E-07	7.72E-08	2.37E-08	1.01E-07	6.02E-08	1.14E-08	7.16E-08
3768	624110.25	4265320.31	3.95E-07	1.26E-07	5.21E-07	3.30E-07	9.40E-08	4.24E-07	7.83E-08	2.41E-08	1.02E-07	6.10E-08	1.16E-08	7.26E-08
3769	624119.39	4265316.67	4.00E-07	1.27E-07	5.28E-07	3.35E-07	9.52E-08	4.30E-07	7.93E-08	2.44E-08	1.04E-07	6.18E-08	1.17E-08	7.35E-08
3770	624128.53	4265313.04	4.05E-07	1.29E-07	5.34E-07	3.39E-07	9.64E-08	4.35E-07	8.02E-08	2.47E-08	1.05E-07	6.25E-08	1.19E-08	7.44E-08

3771	624137.67	4265309.4	4.10E-07	1.30E-07	5.40E-07	3.43E-07	9.75E-08	4.40E-07	8.12E-08	2.49E-08	1.06E-07	6.33E-08	1.20E-08	7.53E-08
3772	624146.81	4265305.76	4.15E-07	1.32E-07	5.46E-07	3.46E-07	9.86E-08	4.45E-07	8.20E-08	2.52E-08	1.07E-07	6.40E-08	1.21E-08	7.61E-08
3773	624155.95	4265302.13	4.19E-07	1.33E-07	5.52E-07	3.50E-07	9.96E-08	4.50E-07	8.29E-08	2.55E-08	1.08E-07	6.46E-08	1.23E-08	7.69E-08
3774	624165.09	4265298.49	4.23E-07	1.34E-07	5.57E-07	3.53E-07	1.01E-07	4.54E-07	8.37E-08	2.57E-08	1.09E-07	6.53E-08	1.24E-08	7.76E-08
3775	624174.23	4265294.85	4.27E-07	1.36E-07	5.62E-07	3.57E-07	1.01E-07	4.58E-07	8.45E-08	2.60E-08	1.10E-07	6.58E-08	1.25E-08	7.83E-08
3776	624183.37	4265291.22	4.30E-07	1.37E-07	5.67E-07	3.60E-07	1.02E-07	4.62E-07	8.52E-08	2.62E-08	1.11E-07	6.64E-08	1.26E-08	7.90E-08
3777	624192.51	4265287.58	4.33E-07	1.38E-07	5.71E-07	3.62E-07	1.03E-07	4.65E-07	8.58E-08	2.64E-08	1.12E-07	6.69E-08	1.27E-08	7.96E-08
3778	624201.65	4265283.94	4.36E-07	1.39E-07	5.75E-07	3.65E-07	1.04E-07	4.69E-07	8.64E-08	2.66E-08	1.13E-07	6.73E-08	1.28E-08	8.01E-08
3779	624210.79	4265280.31	4.39E-07	1.39E-07	5.78E-07	3.67E-07	1.04E-07	4.71E-07	8.69E-08	2.67E-08	1.14E-07	6.77E-08	1.29E-08	8.06E-08
3780	624219.93	4265276.67	4.41E-07	1.40E-07	5.82E-07	3.69E-07	1.05E-07	4.74E-07	8.74E-08	2.69E-08	1.14E-07	6.81E-08	1.29E-08	8.10E-08
3781	624229.07	4265273.03	4.44E-07	1.41E-07	5.84E-07	3.71E-07	1.05E-07	4.76E-07	8.78E-08	2.70E-08	1.15E-07	6.84E-08	1.30E-08	8.14E-08
3782	624238.21	4265269.4	4.45E-07	1.41E-07	5.87E-07	3.72E-07	1.06E-07	4.78E-07	8.82E-08	2.71E-08	1.15E-07	6.87E-08	1.31E-08	8.18E-08
3783	624247.35	4265265.76	4.47E-07	1.42E-07	5.89E-07	3.74E-07	1.06E-07	4.80E-07	8.85E-08	2.72E-08	1.16E-07	6.90E-08	1.31E-08	8.21E-08
3784	624256.49	4265262.12	4.49E-07	1.43E-07	5.92E-07	3.75E-07	1.07E-07	4.82E-07	8.89E-08	2.73E-08	1.16E-07	6.93E-08	1.32E-08	8.24E-08
3785	624265.63	4265258.49	4.51E-07	1.43E-07	5.94E-07	3.77E-07	1.07E-07	4.84E-07	8.92E-08	2.74E-08	1.17E-07	6.95E-08	1.32E-08	8.28E-08
3786	624274.77	4265254.85	4.53E-07	1.44E-07	5.96E-07	3.78E-07	1.08E-07	4.86E-07	8.96E-08	2.75E-08	1.17E-07	6.98E-08	1.33E-08	8.31E-08
3787	624283.91	4265251.21	4.55E-07	1.44E-07	5.99E-07	3.80E-07	1.08E-07	4.88E-07	9.00E-08	2.77E-08	1.18E-07	7.01E-08	1.33E-08	8.35E-08
3788	624293.05	4265247.58	4.57E-07	1.45E-07	6.02E-07	3.82E-07	1.09E-07	4.90E-07	9.04E-08	2.78E-08	1.18E-07	7.05E-08	1.34E-08	8.39E-08
3789	624302.19	4265243.94	4.59E-07	1.46E-07	6.05E-07	3.84E-07	1.09E-07	4.93E-07	9.09E-08	2.79E-08	1.19E-07	7.09E-08	1.35E-08	8.43E-08
3790	624311.33	4265240.3	4.62E-07	1.47E-07	6.09E-07	3.86E-07	1.10E-07	4.96E-07	9.14E-08	2.81E-08	1.20E-07	7.13E-08	1.35E-08	8.48E-08
3791	624320.47	4265236.67	4.65E-07	1.48E-07	6.12E-07	3.89E-07	1.11E-07	4.99E-07	9.20E-08	2.83E-08	1.20E-07	7.17E-08	1.36E-08	8.53E-08
3792	624329.61	4265233.03	4.68E-07	1.49E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
3793	624338.75	4265229.39	4.71E-07	1.50E-07	6.20E-07	3.94E-07	1.12E-07	5.06E-07	9.32E-08	2.87E-08	1.22E-07	7.27E-08	1.38E-08	8.65E-08
3794	624347.89	4265225.76	4.74E-07	1.51E-07	6.24E-07	3.96E-07	1.13E-07	5.09E-07	9.38E-08	2.88E-08	1.23E-07	7.31E-08	1.39E-08	8.70E-08
3795	624357.03	4265222.12	4.77E-07	1.52E-07	6.29E-07	3.99E-07	1.13E-07	5.12E-07	9.44E-08	2.90E-08	1.23E-07	7.36E-08	1.40E-08	8.76E-08
3796	623909.98	4265661.93	3.75E-07	1.19E-07	4.94E-07	3.14E-07	8.92E-08	4.03E-07	7.43E-08	2.28E-08	9.71E-08	5.79E-08	1.10E-08	6.89E-08
3797	623909.83	4265671.82	3.78E-07	1.20E-07	4.99E-07	3.16E-07	9.00E-08	4.06E-07	7.49E-08	2.30E-08	9.79E-08	5.84E-08	1.11E-08	6.95E-08
3798	623909.69	4265681.72	3.82E-07	1.21E-07	5.03E-07	3.19E-07	9.07E-08	4.10E-07	7.55E-08	2.32E-08	9.88E-08	5.89E-08	1.12E-08	7.01E-08
3799	623909.55	4265691.61	3.85E-07	1.22E-07	5.07E-07	3.21E-07	9.14E-08	4.13E-07	7.61E-08	2.34E-08	9.95E-08	5.93E-08	1.13E-08	7.06E-08
3800	623909.4	4265701.5	3.87E-07	1.23E-07	5.10E-07	3.24E-07	9.21E-08	4.16E-07	7.67E-08	2.36E-08	1.00E-07	5.98E-08	1.14E-08	7.11E-08
3801	623909.26	4265711.39	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.27E-08	4.19E-07	7.72E-08	2.37E-08	1.01E-07	6.02E-08	1.14E-08	7.16E-08
3802	623909.12	4265721.29	3.92E-07	1.25E-07	5.17E-07	3.28E-07	9.33E-08	4.21E-07	7.76E-08	2.39E-08	1.02E-07	6.05E-08	1.15E-08	7.20E-08
3803	623908.98	4265731.18	3.95E-07	1.25E-07	5.20E-07	3.30E-07	9.38E-08	4.24E-07	7.81E-08	2.40E-08	1.02E-07	6.09E-08	1.16E-08	7.24E-08
3804	623908.83	4265741.07	3.97E-07	1.26E-07	5.23E-07	3.32E-07	9.43E-08	4.26E-07	7.85E-08	2.41E-08	1.03E-07	6.12E-08	1.16E-08	7.29E-08
3805	623908.69	4265750.96	3.99E-07	1.27E-07	5.26E-07	3.34E-07	9.49E-08	4.28E-07	7.90E-08	2.43E-08	1.03E-07	6.16E-08	1.17E-08	7.33E-08
3806	623908.55	4265760.86	4.01E-07	1.27E-07	5.29E-07	3.35E-07	9.54E-08	4.31E-07	7.94E-08	2.44E-08	1.04E-07	6.19E-08	1.18E-08	7.37E-08
3807	623908.4	4265770.75	4.04E-07	1.28E-07	5.32E-07	3.37E-07	9.60E-08	4.33E-07	7.99E-08	2.46E-08	1.04E-07	6.23E-08	1.18E-08	7.41E-08
3808	623908.26	4265780.64	4.06E-07	1.29E-07	5.35E-07	3.40E-07	9.66E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
3809	623908.12	4265790.53	4.09E-07	1.30E-07	5.39E-07	3.42E-07	9.73E-08	4.39E-07	8.10E-08	2.49E-08	1.06E-07	6.31E-08	1.20E-08	7.51E-08
3810	623907.97	4265800.43	4.12E-07	1.31E-07	5.43E-07	3.45E-07	9.80E-08	4.43E-07	8.16E-08	2.51E-08	1.07E-07	6.36E-08	1.21E-08	7.57E-08
3811	623907.83	4265810.32	4.16E-07	1.32E-07	5.48E-07	3.47E-07	9.88E-08	4.46E-07	8.23E-08	2.53E-08	1.08E-07	6.41E-08	1.22E-08	7.63E-08
3812	623907.69	4265820.21	4.19E-07	1.33E-07	5.53E-07	3.51E-07	9.97E-08	4.50E-07	8.30E-08	2.55E-08	1.09E-07	6.47E-08	1.23E-08	7.70E-08
3813	623907.54	4265830.1	4.23E-07	1.34E-07	5.58E-07	3.54E-07	1.01E-07	4.55E-07	8.38E-08	2.58E-08	1.10E-07	6.53E-08	1.24E-08	7.77E-08
3814	623907.4	4265840	4.28E-07	1.36E-07	5.64E-07	3.57E-07	1.02E-07	4.59E-07	8.47E-08	2.60E-08	1.11E-07	6.60E-08	1.25E-08	7.85E-08
3815	623907.26	4265849.89	4.32E-07	1.37E-07	5.70E-07	3.61E-07	1.03E-07	4.64E-07	8.56E-08	2.63E-08	1.12E-07	6.67E-08	1.27E-08	7.94E-08
3816	623907.11	4265859.78	4.37E-07	1.39E-07	5.76E-07	3.65E-07	1.04E-07	4.69E-07	8.65E-08	2.66E-08	1.13E-07	6.74E-08	1.28E-08	8.02E-08
3817	623906.97	4265869.67	4.42E-07	1.40E-07	5.82E-07	3.69E-07	1.05E-07	4.75E-07	8.75E-08	2.69E-08	1.14E-07	6.82E-08	1.30E-08	8.12E-08
3818	623906.83	4265879.57	4.47E-07	1.42E-07	5.89E-07	3.74E-07	1.06E-07	4.80E-07	8.85E-08	2.72E-08	1.16E-07	6.90E-08	1.31E-08	8.21E-08
3819	623906.69	4265889.46	4.52E-07	1.44E-07	5.96E-07	3.78E-07	1.08E-07	4.86E-07	8.95E-08	2.75E-08	1.17E-07	6.98E-08	1.33E-08	8.30E-08
3820	623906.54	4265899.35	4.57E-07	1.45E-07	6.03E-07	3.82E-07	1.09E-07	4.91E-07	9.05E-08	2.78E-08	1.18E-07	7.06E-08	1.34E-08	8.40E-08
3821	623906.4	4265909.24	4.63E-07	1.47E-07	6.09E-07	3.87E-07	1.10E-07	4.97E-07	9.16E-08	2.81E-08	1.20E-07	7.14E-08	1.36E-08	8.49E-08
3822	623906.26	4265919.14	4.68E-07	1.49E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
3823	623906.11	4265929.03	4.73E-07	1.50E-07	6.23E-07	3.95E-07	1.12E-07	5.07E-07	9.35E-08	2.88E-08	1.22E-07	7.29E-08	1.39E-08	8.68E-08
3824	623905.97	4265938.92	4.77E-07	1.52E-07	6.29E-07	3.99E-07	1.14E-07	5.13E-07	9.45E-08	2.90E-08	1.24E-07	7.37E-08	1.40E-08	8.77E-08
3825	623905.83	4265948.81	4.82E-07	1.53E-07	6.35E-07	4.03E-07	1.15E-07	5.17E-07	9.54E-08	2.93E-08	1.25E-07	7.44E-08	1.41E-08	8.85E-08
3826	623905.68	4265958.71	4.86E-07	1.54E-07	6.41E-07	4.07E-07	1.16E-07	5.22E-07	9.63E-08	2.96E-08	1.26E-07	7.51E-08	1.43E-08	8.93E-08
3827	623905.54	4265968.6	4.91E-07	1.56E-07	6.47E-07	4.10E-07	1.17E-07	5.27E-07	9.71E-08	2.99E-08	1.27E-07	7.57E-08	1.44E-08	9.01E-08
3828	623905.4	4265978.49	4.95E-07	1.57E-07	6.52E-07	4.14E-07	1.18E-07	5.31E-07	9.79E-08	3.01E-08	1.28E-07	7.64E-08	1.45E-08	9.09E-08
3829	623905.25	4265988.38	4.98E-07	1.58E-07	6.57E-07	4.17E-07	1.19E-07	5.35E-07	9.87E-08	3.03E-08	1.29E-07	7.69E-08	1.46E-08	9.15E-08
3830	623905.11	4265998.28	5.02E-07	1.59E-07	6.61E-07	4.19E-07	1.19E-07	5.39E-07	9.93E-08	3.05E-08	1.30E-07	7.74E-08	1.47E-08	9.21E-08
3831	623904.97	4266008.17	5.04E-07	1.60E-07	6.65E-07	4.22E-07	1.20E-07	5.41E-07	9.98E-08	3.07E-08	1.31E-07	7.78E-08	1.48E-08	9.26E-08
3832	623904.82	4266018.06	5.07E-07	1.61E-07	6.68E-07	4.24E-07	1.20E-07	5.44E-07	1.00E-07	3.08E-08	1.31E-07	7.82E-08	1.49E-08	9.30E-08
3833	623904.68	4266027.95	5.09E-07	1.62E-07	6.70E-07	4.25E-07	1.21E-07	5.46E-07	1.01E-07	3.10E-08	1.32E-07	7.85E-08	1.49E-08	9.34E-08
3834	623904.54	4266037.85	5.11E-07	1.62E-07	6.73E-07	4.27E-07	1.21E-07	5.48E-07	1.01E-07	3.11E-08	1.32E-07	7.88E-08	1.50E-08	9.37E-08
3835	623904.4	4266047.74	5.12E-07	1.63E-07	6.75E-07	4.28E-07	1.22E-07	5.50E-07	1.01E-07	3.12E-08	1.33E-07	7.90E-08	1.50E-08	9.40E-08
3836	623904.25	4266057.63	5.13E-07	1.63E-07	6.76E-07	4.29E-07	1.22E-07	5.51E-07	1.02E-07	3.12E-08	1.33E-07	7.92E-08	1.50E-08	9.43E-08
3837	623904.11	4266067.52	5.14E-07	1.63E-07	6.78E-07	4.30E-07	1.22E-07	5.52E-07	1.02E-07	3.13E-08	1.33E-07	7.94E-08	1.51E-08	9.45E-08
3838	623863.87	4265652.2	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.02E-08	3.62E-07	6.68E-08	2.05E-08	8.73E-08	5.21E-08	9.89E-09	6.19E-08
3839	623867.75	4265643.19	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.02E-08	3.62E-07	6.68E-08	2.05E-08	8.73E-08	5.20E-08	9.89E-09	6.19E-08
3840	623871.63	4265634.18	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.02E-08	3.62E-07	6.67E-08	2.05E-08	8.72E-08	5.20E-08	9.88E-09	6.19E-08
3841	623875.51	4265625.18	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.01E-08	3.62E-07	6.67E-08	2.05E-08	8.72E-08	5.20E-08	9.87E-09	6.19E-08
3842	623879.4	4265616.17	3.37E-07	1.07E-07	4.43E-07	2.81E-07	8.00E-08	3.61E-07	6.66E-08	2.05E-08	8.71E-08	5.19E-08	9.86E-09	6.18E-08
3843	623883.28	4265607.16	3.36E-07	1.07E-07	4.43E-07	2.81E-07	7.99E-08	3.61E-07	6.65E-08	2.05E-08	8.70E-08	5.19E-08	9.85E-09	6.17E-08
3844	623887.16	4265598.15	3.36E-07	1.07E-07	4.42E-07	2.81E-07	7.99E-08	3.61E-07	6.65E-08	2.04E-08	8.69E-08	5.18E-08	9.84E-09	6.17E-08

3845	623891.05	4265589.15	3.36E-07	1.07E-07	4.42E-07	2.80E-07	7.98E-08	3.60E-07	6.64E-08	2.04E-08	8.68E-08	5.18E-08	9.83E-09	6.16E-08
3846	623894.93	4265580.14	3.35E-07	1.06E-07	4.42E-07	2.80E-07	7.97E-08	3.60E-07	6.64E-08	2.04E-08	8.68E-08	5.17E-08	9.83E-09	6.16E-08
3847	623898.81	4265571.13	3.35E-07	1.06E-07	4.41E-07	2.80E-07	7.97E-08	3.60E-07	6.63E-08	2.04E-08	8.67E-08	5.17E-08	9.82E-09	6.15E-08
3848	623902.7	4265562.12	3.35E-07	1.06E-07	4.41E-07	2.80E-07	7.96E-08	3.60E-07	6.63E-08	2.04E-08	8.67E-08	5.17E-08	9.82E-09	6.15E-08
3849	623906.58	4265553.12	3.35E-07	1.06E-07	4.41E-07	2.80E-07	7.96E-08	3.60E-07	6.63E-08	2.04E-08	8.67E-08	5.17E-08	9.82E-09	6.15E-08
3850	623910.46	4265544.11	3.35E-07	1.06E-07	4.42E-07	2.80E-07	7.97E-08	3.60E-07	6.63E-08	2.04E-08	8.67E-08	5.17E-08	9.82E-09	6.15E-08
3851	623914.34	4265535.1	3.35E-07	1.06E-07	4.42E-07	2.80E-07	7.97E-08	3.60E-07	6.64E-08	2.04E-08	8.68E-08	5.17E-08	9.83E-09	6.16E-08
3852	623918.23	4265526.09	3.36E-07	1.07E-07	4.42E-07	2.81E-07	7.98E-08	3.60E-07	6.64E-08	2.04E-08	8.69E-08	5.18E-08	9.84E-09	6.16E-08
3853	623922.11	4265517.09	3.36E-07	1.07E-07	4.43E-07	2.81E-07	7.99E-08	3.61E-07	6.65E-08	2.04E-08	8.69E-08	5.18E-08	9.85E-09	6.17E-08
3854	623925.99	4265508.08	3.36E-07	1.07E-07	4.43E-07	2.81E-07	8.00E-08	3.61E-07	6.66E-08	2.05E-08	8.70E-08	5.19E-08	9.86E-09	6.18E-08
3855	623929.88	4265499.07	3.37E-07	1.07E-07	4.44E-07	2.81E-07	8.01E-08	3.61E-07	6.66E-08	2.05E-08	8.71E-08	5.20E-08	9.87E-09	6.18E-08
3856	623933.76	4265490.06	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.01E-08	3.62E-07	6.67E-08	2.05E-08	8.72E-08	5.20E-08	9.88E-09	6.19E-08
3857	623937.64	4265481.06	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.02E-08	3.62E-07	6.67E-08	2.05E-08	8.73E-08	5.20E-08	9.88E-09	6.19E-08
3858	623941.53	4265472.05	3.37E-07	1.07E-07	4.45E-07	2.82E-07	8.02E-08	3.62E-07	6.68E-08	2.05E-08	8.73E-08	5.21E-08	9.89E-09	6.19E-08
3859	623945.41	4265463.04	3.37E-07	1.07E-07	4.45E-07	2.82E-07	8.02E-08	3.62E-07	6.68E-08	2.05E-08	8.73E-08	5.21E-08	9.89E-09	6.19E-08
3860	623949.29	4265454.03	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.02E-08	3.62E-07	6.68E-08	2.05E-08	8.73E-08	5.21E-08	9.89E-09	6.19E-08
3861	623953.18	4265445.03	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.02E-08	3.62E-07	6.67E-08	2.05E-08	8.72E-08	5.20E-08	9.88E-09	6.19E-08
3862	623957.06	4265436.02	3.37E-07	1.07E-07	4.44E-07	2.81E-07	8.01E-08	3.62E-07	6.67E-08	2.05E-08	8.72E-08	5.20E-08	9.87E-09	6.18E-08
3863	623960.94	4265427.01	3.36E-07	1.07E-07	4.43E-07	2.81E-07	8.00E-08	3.61E-07	6.66E-08	2.05E-08	8.70E-08	5.19E-08	9.86E-09	6.18E-08
3864	623964.82	4265418	3.36E-07	1.07E-07	4.42E-07	2.81E-07	7.98E-08	3.60E-07	6.65E-08	2.04E-08	8.69E-08	5.18E-08	9.84E-09	6.16E-08
3865	623968.71	4265409	3.35E-07	1.06E-07	4.41E-07	2.80E-07	7.97E-08	3.60E-07	6.63E-08	2.04E-08	8.67E-08	5.17E-08	9.82E-09	6.15E-08
3866	623972.59	4265399.99	3.34E-07	1.06E-07	4.40E-07	2.79E-07	7.95E-08	3.59E-07	6.62E-08	2.03E-08	8.65E-08	5.16E-08	9.80E-09	6.14E-08
3867	623976.47	4265390.98	3.33E-07	1.06E-07	4.39E-07	2.79E-07	7.93E-08	3.58E-07	6.60E-08	2.03E-08	8.63E-08	5.14E-08	9.77E-09	6.12E-08
3868	623980.36	4265381.97	3.32E-07	1.06E-07	4.38E-07	2.78E-07	7.90E-08	3.57E-07	6.58E-08	2.02E-08	8.60E-08	5.13E-08	9.74E-09	6.10E-08
3869	623984.24	4265372.97	3.31E-07	1.05E-07	4.37E-07	2.77E-07	7.88E-08	3.56E-07	6.56E-08	2.02E-08	8.57E-08	5.11E-08	9.71E-09	6.08E-08
3870	623988.12	4265363.96	3.30E-07	1.05E-07	4.35E-07	2.76E-07	7.85E-08	3.55E-07	6.54E-08	2.01E-08	8.55E-08	5.10E-08	9.68E-09	6.06E-08
3871	623992.01	4265354.95	3.29E-07	1.05E-07	4.34E-07	2.75E-07	7.83E-08	3.53E-07	6.52E-08	2.00E-08	8.52E-08	5.08E-08	9.65E-09	6.04E-08
3872	623995.89	4265345.94	3.28E-07	1.04E-07	4.32E-07	2.74E-07	7.80E-08	3.52E-07	6.49E-08	2.00E-08	8.49E-08	5.06E-08	9.62E-09	6.02E-08
3873	623999.77	4265336.94	3.27E-07	1.04E-07	4.31E-07	2.73E-07	7.78E-08	3.51E-07	6.47E-08	1.99E-08	8.46E-08	5.05E-08	9.58E-09	6.00E-08
3874	624003.65	4265327.93	3.26E-07	1.04E-07	4.29E-07	2.72E-07	7.75E-08	3.50E-07	6.45E-08	1.98E-08	8.44E-08	5.03E-08	9.55E-09	5.99E-08
3875	624007.54	4265318.92	3.25E-07	1.03E-07	4.28E-07	2.72E-07	7.73E-08	3.49E-07	6.43E-08	1.98E-08	8.41E-08	5.01E-08	9.52E-09	5.97E-08
3876	624020.53	4265306.29	3.28E-07	1.04E-07	4.32E-07	2.74E-07	7.80E-08	3.52E-07	6.49E-08	2.00E-08	8.49E-08	5.06E-08	9.61E-09	6.02E-08
3877	624029.65	4265302.66	3.32E-07	1.05E-07	4.38E-07	2.78E-07	7.90E-08	3.57E-07	6.57E-08	2.02E-08	8.60E-08	5.13E-08	9.73E-09	6.10E-08
3878	624038.76	4265299.03	3.36E-07	1.07E-07	4.43E-07	2.81E-07	8.00E-08	3.61E-07	6.66E-08	2.05E-08	8.70E-08	5.19E-08	9.86E-09	6.18E-08
3879	624047.88	4265295.41	3.41E-07	1.08E-07	4.49E-07	2.85E-07	8.10E-08	3.66E-07	6.74E-08	2.07E-08	8.82E-08	5.26E-08	9.98E-09	6.26E-08
3880	624056.99	4265291.78	3.45E-07	1.10E-07	4.55E-07	2.88E-07	8.21E-08	3.70E-07	6.83E-08	2.10E-08	8.93E-08	5.32E-08	1.01E-08	6.34E-08
3881	624066.1	4265288.16	3.50E-07	1.11E-07	4.61E-07	2.92E-07	8.31E-08	3.75E-07	6.92E-08	2.13E-08	9.05E-08	5.39E-08	1.02E-08	6.42E-08
3882	624075.22	4265284.53	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.42E-08	3.80E-07	7.01E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
3883	624084.33	4265280.9	3.58E-07	1.14E-07	4.72E-07	3.00E-07	8.52E-08	3.85E-07	7.09E-08	2.18E-08	9.28E-08	5.53E-08	1.05E-08	6.58E-08
3884	624093.45	4265277.28	3.63E-07	1.15E-07	4.78E-07	3.03E-07	8.63E-08	3.90E-07	7.19E-08	2.21E-08	9.39E-08	5.60E-08	1.06E-08	6.67E-08
3885	624102.56	4265273.65	3.68E-07	1.17E-07	4.84E-07	3.07E-07	8.74E-08	3.95E-07	7.28E-08	2.24E-08	9.51E-08	5.67E-08	1.08E-08	6.75E-08
3886	624111.67	4265270.02	3.72E-07	1.18E-07	4.90E-07	3.11E-07	8.85E-08	3.99E-07	7.36E-08	2.26E-08	9.63E-08	5.74E-08	1.09E-08	6.83E-08
3887	624120.79	4265266.4	3.76E-07	1.19E-07	4.96E-07	3.14E-07	8.94E-08	4.04E-07	7.44E-08	2.29E-08	9.73E-08	5.80E-08	1.10E-08	6.91E-08
3888	624129.9	4265262.77	3.80E-07	1.21E-07	5.01E-07	3.18E-07	9.04E-08	4.08E-07	7.52E-08	2.31E-08	9.83E-08	5.86E-08	1.11E-08	6.98E-08
3889	624139.02	4265259.15	3.84E-07	1.22E-07	5.06E-07	3.21E-07	9.12E-08	4.12E-07	7.60E-08	2.33E-08	9.93E-08	5.92E-08	1.12E-08	7.05E-08
3890	624148.13	4265255.52	3.87E-07	1.23E-07	5.10E-07	3.24E-07	9.21E-08	4.16E-07	7.66E-08	2.36E-08	1.00E-07	5.98E-08	1.13E-08	7.11E-08
3891	624157.24	4265251.89	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.28E-08	4.19E-07	7.73E-08	2.38E-08	1.01E-07	6.03E-08	1.14E-08	7.17E-08
3892	624166.36	4265248.27	3.93E-07	1.25E-07	5.18E-07	3.29E-07	9.36E-08	4.22E-07	7.79E-08	2.39E-08	1.02E-07	6.07E-08	1.15E-08	7.22E-08
3893	624175.47	4265244.64	3.96E-07	1.26E-07	5.22E-07	3.31E-07	9.42E-08	4.25E-07	7.84E-08	2.41E-08	1.03E-07	6.11E-08	1.16E-08	7.27E-08
3894	624184.58	4265241.01	3.99E-07	1.27E-07	5.25E-07	3.33E-07	9.48E-08	4.28E-07	7.89E-08	2.43E-08	1.03E-07	6.15E-08	1.17E-08	7.32E-08
3895	624193.7	4265237.39	4.01E-07	1.27E-07	5.28E-07	3.35E-07	9.53E-08	4.30E-07	7.93E-08	2.44E-08	1.04E-07	6.18E-08	1.17E-08	7.36E-08
3896	624202.81	4265233.76	4.03E-07	1.28E-07	5.31E-07	3.37E-07	9.58E-08	4.32E-07	7.97E-08	2.45E-08	1.04E-07	6.21E-08	1.18E-08	7.39E-08
3897	624211.93	4265230.14	4.04E-07	1.28E-07	5.33E-07	3.38E-07	9.61E-08	4.34E-07	8.00E-08	2.46E-08	1.05E-07	6.24E-08	1.19E-08	7.42E-08
3898	624221.04	4265226.51	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.65E-08	4.36E-07	8.03E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.45E-08
3899	624230.15	4265222.88	4.07E-07	1.29E-07	5.36E-07	3.40E-07	9.68E-08	4.37E-07	8.06E-08	2.48E-08	1.05E-07	6.28E-08	1.19E-08	7.47E-08
3900	624239.27	4265219.26	4.08E-07	1.30E-07	5.38E-07	3.41E-07	9.71E-08	4.38E-07	8.08E-08	2.48E-08	1.06E-07	6.30E-08	1.20E-08	7.50E-08
3901	624248.38	4265215.63	4.09E-07	1.30E-07	5.39E-07	3.42E-07	9.73E-08	4.39E-07	8.10E-08	2.49E-08	1.06E-07	6.32E-08	1.20E-08	7.52E-08
3902	624257.5	4265212	4.11E-07	1.30E-07	5.41E-07	3.43E-07	9.76E-08	4.41E-07	8.13E-08	2.50E-08	1.06E-07	6.33E-08	1.20E-08	7.54E-08
3903	624266.61	4265208.38	4.12E-07	1.31E-07	5.43E-07	3.44E-07	9.79E-08	4.42E-07	8.15E-08	2.51E-08	1.07E-07	6.35E-08	1.21E-08	7.56E-08
3904	624275.72	4265204.75	4.13E-07	1.31E-07	5.44E-07	3.45E-07	9.82E-08	4.44E-07	8.18E-08	2.51E-08	1.07E-07	6.38E-08	1.21E-08	7.59E-08
3905	624284.84	4265201.12	4.15E-07	1.32E-07	5.46E-07	3.47E-07	9.86E-08	4.45E-07	8.21E-08	2.52E-08	1.07E-07	6.40E-08	1.22E-08	7.62E-08
3906	624293.95	4265197.5	4.17E-07	1.32E-07	5.49E-07	3.48E-07	9.90E-08	4.47E-07	8.25E-08	2.53E-08	1.08E-07	6.43E-08	1.22E-08	7.65E-08
3907	624303.07	4265193.87	4.19E-07	1.33E-07	5.51E-07	3.50E-07	9.95E-08	4.49E-07	8.28E-08	2.55E-08	1.08E-07	6.46E-08	1.23E-08	7.68E-08
3908	624312.18	4265190.25	4.21E-07	1.34E-07	5.54E-07	3.52E-07	1.00E-07	4.52E-07	8.33E-08	2.56E-08	1.09E-07	6.49E-08	1.23E-08	7.72E-08
3909	624321.29	4265186.62	4.23E-07	1.34E-07	5.57E-07	3.53E-07	1.01E-07	4.54E-07	8.37E-08	2.57E-08	1.09E-07	6.52E-08	1.24E-08	7.76E-08
3910	624330.41	4265182.99	4.25E-07	1.35E-07	5.60E-07	3.55E-07	1.01E-07	4.56E-07	8.42E-08	2.59E-08	1.10E-07	6.56E-08	1.25E-08	7.81E-08
3911	624339.52	4265179.37	4.28E-07	1.36E-07	5.63E-07	3.57E-07	1.02E-07	4.59E-07	8.46E-08	2.60E-08	1.11E-07	6.60E-08	1.25E-08	7.85E-08
3912	624348.63	4265175.74	4.30E-07	1.37E-07	5.67E-07	3.59E-07	1.02E-07	4.62E-07	8.51E-08	2.62E-08	1.11E-07	6.63E-08	1.26E-08	7.89E-08
3913	624357.75	4265172.11	4.32E-07	1.37E-07	5.70E-07	3.61E-07	1.03E-07	4.64E-07	8.56E-08	2.63E-08	1.12E-07	6.67E-08	1.27E-08	7.94E-08
3914	623859.98	4265661.21	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.02E-08	3.62E-07	6.68E-08	2.05E-08	8.73E-08	5.20E-08	9.88E-09	6.19E-08
3915	623859.84	4265671.1	3.40E-07	1.08E-07	4.48E-07	2.84E-07	8.08E-08	3.65E-07	6.73E-08	2.07E-08	8.79E-08	5.24E-08	9.96E-09	6.24E-08
3916	623859.7	4265680.99	3.42E-07	1.09E-07	4.51E-07	2.86E-07	8.14E-08	3.67E-07	6.77E-08	2.08E-08	8.86E-08	5.28E-08	1.00E-08	6.28E-08
3917	623859.55	4265690.88	3.44E-07	1.09E-07	4.54E-07	2.88E-07	8.19E-08	3.70E-07	6.82E-08	2.10E-08	8.91E-08	5.31E-08	1.01E-08	6.32E-08
3918	623859.41	4265700.78	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.24E-08	3.72E-07	6.86E-08	2.11E-08	8.97E-08	5.35E-08	1.02E-08	6.36E-08

3919	623859.27	4265710.67	3.48E-07	1.11E-07	4.59E-07	2.91E-07	8.28E-08	3.74E-07	6.90E-08	2.12E-08	9.02E-08	5.38E-08	1.02E-08	6.40E-08
3920	623859.12	4265720.56	3.50E-07	1.11E-07	4.62E-07	2.93E-07	8.33E-08	3.76E-07	6.93E-08	2.13E-08	9.06E-08	5.40E-08	1.03E-08	6.43E-08
3921	623858.98	4265730.45	3.52E-07	1.12E-07	4.64E-07	2.94E-07	8.37E-08	3.78E-07	6.97E-08	2.14E-08	9.11E-08	5.43E-08	1.03E-08	6.47E-08
3922	623858.84	4265740.35	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.41E-08	3.80E-07	7.00E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
3923	623858.69	4265750.24	3.56E-07	1.13E-07	4.68E-07	2.97E-07	8.45E-08	3.82E-07	7.04E-08	2.16E-08	9.20E-08	5.49E-08	1.04E-08	6.53E-08
3924	623858.55	4265760.13	3.57E-07	1.13E-07	4.71E-07	2.99E-07	8.49E-08	3.83E-07	7.07E-08	2.17E-08	9.24E-08	5.51E-08	1.05E-08	6.56E-08
3925	623858.41	4265770.02	3.59E-07	1.14E-07	4.73E-07	3.00E-07	8.53E-08	3.85E-07	7.10E-08	2.18E-08	9.29E-08	5.54E-08	1.05E-08	6.59E-08
3926	623858.26	4265779.92	3.61E-07	1.15E-07	4.76E-07	3.02E-07	8.58E-08	3.87E-07	7.14E-08	2.20E-08	9.34E-08	5.57E-08	1.06E-08	6.63E-08
3927	623858.12	4265789.81	3.63E-07	1.15E-07	4.78E-07	3.03E-07	8.63E-08	3.90E-07	7.19E-08	2.21E-08	9.40E-08	5.60E-08	1.06E-08	6.67E-08
3928	623857.98	4265799.7	3.66E-07	1.16E-07	4.82E-07	3.06E-07	8.69E-08	3.93E-07	7.24E-08	2.22E-08	9.46E-08	5.64E-08	1.07E-08	6.71E-08
3929	623857.84	4265809.59	3.68E-07	1.17E-07	4.85E-07	3.08E-07	8.76E-08	3.95E-07	7.29E-08	2.24E-08	9.53E-08	5.68E-08	1.08E-08	6.76E-08
3930	623857.69	4265819.49	3.71E-07	1.18E-07	4.89E-07	3.10E-07	8.83E-08	3.99E-07	7.35E-08	2.26E-08	9.61E-08	5.73E-08	1.09E-08	6.82E-08
3931	623857.55	4265829.38	3.74E-07	1.19E-07	4.93E-07	3.13E-07	8.90E-08	4.02E-07	7.41E-08	2.28E-08	9.69E-08	5.78E-08	1.10E-08	6.88E-08
3932	623857.41	4265839.27	3.78E-07	1.20E-07	4.98E-07	3.16E-07	8.99E-08	4.06E-07	7.48E-08	2.30E-08	9.78E-08	5.83E-08	1.11E-08	6.94E-08
3933	623857.26	4265849.16	3.82E-07	1.21E-07	5.03E-07	3.19E-07	9.08E-08	4.10E-07	7.56E-08	2.32E-08	9.88E-08	5.89E-08	1.12E-08	7.01E-08
3934	623857.12	4265859.06	3.86E-07	1.23E-07	5.09E-07	3.23E-07	9.18E-08	4.14E-07	7.64E-08	2.35E-08	9.99E-08	5.96E-08	1.13E-08	7.09E-08
3935	623856.98	4265868.95	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.28E-08	4.19E-07	7.73E-08	2.37E-08	1.01E-07	6.02E-08	1.14E-08	7.17E-08
3936	623856.83	4265878.84	3.95E-07	1.25E-07	5.20E-07	3.30E-07	9.39E-08	4.24E-07	7.81E-08	2.40E-08	1.02E-07	6.09E-08	1.16E-08	7.25E-08
3937	623856.69	4265888.73	3.99E-07	1.27E-07	5.26E-07	3.34E-07	9.50E-08	4.29E-07	7.91E-08	2.43E-08	1.03E-07	6.16E-08	1.17E-08	7.33E-08
3938	623856.55	4265898.63	4.04E-07	1.28E-07	5.32E-07	3.38E-07	9.61E-08	4.34E-07	8.00E-08	2.46E-08	1.05E-07	6.24E-08	1.18E-08	7.42E-08
3939	623856.4	4265908.52	4.09E-07	1.30E-07	5.39E-07	3.42E-07	9.72E-08	4.39E-07	8.09E-08	2.49E-08	1.06E-07	6.31E-08	1.20E-08	7.51E-08
3940	623856.26	4265918.41	4.14E-07	1.31E-07	5.45E-07	3.46E-07	9.83E-08	4.44E-07	8.19E-08	2.52E-08	1.07E-07	6.38E-08	1.21E-08	7.59E-08
3941	623856.12	4265928.3	4.18E-07	1.33E-07	5.51E-07	3.49E-07	9.94E-08	4.49E-07	8.28E-08	2.54E-08	1.08E-07	6.45E-08	1.23E-08	7.68E-08
3942	623855.97	4265938.2	4.23E-07	1.34E-07	5.57E-07	3.53E-07	1.00E-07	4.54E-07	8.36E-08	2.57E-08	1.09E-07	6.52E-08	1.24E-08	7.76E-08
3943	623855.83	4265948.09	4.27E-07	1.36E-07	5.62E-07	3.57E-07	1.01E-07	4.58E-07	8.45E-08	2.60E-08	1.10E-07	6.59E-08	1.25E-08	7.84E-08
3944	623855.69	4265957.98	4.31E-07	1.37E-07	5.68E-07	3.60E-07	1.02E-07	4.63E-07	8.53E-08	2.62E-08	1.12E-07	6.65E-08	1.26E-08	7.91E-08
3945	623855.55	4265967.87	4.35E-07	1.38E-07	5.73E-07	3.63E-07	1.03E-07	4.67E-07	8.60E-08	2.64E-08	1.12E-07	6.71E-08	1.27E-08	7.98E-08
3946	623855.4	4265977.77	4.38E-07	1.39E-07	5.77E-07	3.66E-07	1.04E-07	4.70E-07	8.67E-08	2.67E-08	1.13E-07	6.76E-08	1.28E-08	8.05E-08
3947	623855.26	4265987.66	4.41E-07	1.40E-07	5.82E-07	3.69E-07	1.05E-07	4.74E-07	8.74E-08	2.69E-08	1.14E-07	6.81E-08	1.29E-08	8.10E-08
3948	623855.12	4265997.55	4.44E-07	1.41E-07	5.86E-07	3.71E-07	1.06E-07	4.77E-07	8.80E-08	2.70E-08	1.15E-07	6.86E-08	1.30E-08	8.16E-08
3949	623854.97	4266007.44	4.47E-07	1.42E-07	5.89E-07	3.74E-07	1.06E-07	4.80E-07	8.85E-08	2.72E-08	1.16E-07	6.90E-08	1.31E-08	8.21E-08
3950	623854.83	4266017.34	4.49E-07	1.43E-07	5.92E-07	3.76E-07	1.07E-07	4.82E-07	8.90E-08	2.73E-08	1.16E-07	6.93E-08	1.32E-08	8.25E-08
3951	623854.69	4266027.23	4.51E-07	1.43E-07	5.95E-07	3.77E-07	1.07E-07	4.85E-07	8.94E-08	2.75E-08	1.17E-07	6.97E-08	1.32E-08	8.29E-08
3952	623854.54	4266037.12	4.53E-07	1.44E-07	5.97E-07	3.79E-07	1.08E-07	4.87E-07	8.97E-08	2.76E-08	1.17E-07	6.99E-08	1.33E-08	8.32E-08
3953	623854.4	4266047.01	4.55E-07	1.44E-07	5.99E-07	3.80E-07	1.08E-07	4.88E-07	9.00E-08	2.77E-08	1.18E-07	7.02E-08	1.33E-08	8.35E-08
3954	623854.26	4266056.91	4.56E-07	1.45E-07	6.01E-07	3.81E-07	1.08E-07	4.89E-07	9.02E-08	2.77E-08	1.18E-07	7.03E-08	1.34E-08	8.37E-08
3955	623854.11	4266066.8	4.57E-07	1.45E-07	6.02E-07	3.82E-07	1.09E-07	4.90E-07	9.04E-08	2.78E-08	1.18E-07	7.05E-08	1.34E-08	8.38E-08
3956	623813.86	4265651.5	3.06E-07	9.71E-08	4.03E-07	2.56E-07	7.27E-08	3.28E-07	6.05E-08	1.86E-08	7.91E-08	4.72E-08	8.96E-09	5.61E-08
3957	623817.74	4265642.51	3.06E-07	9.71E-08	4.03E-07	2.56E-07	7.27E-08	3.28E-07	6.05E-08	1.86E-08	7.91E-08	4.72E-08	8.96E-09	5.62E-08
3958	623821.61	4265633.52	3.06E-07	9.71E-08	4.03E-07	2.56E-07	7.27E-08	3.28E-07	6.05E-08	1.86E-08	7.92E-08	4.72E-08	8.96E-09	5.62E-08
3959	623825.48	4265624.54	3.06E-07	9.71E-08	4.03E-07	2.56E-07	7.27E-08	3.28E-07	6.05E-08	1.86E-08	7.91E-08	4.72E-08	8.96E-09	5.61E-08
3960	623829.36	4265615.55	3.06E-07	9.71E-08	4.03E-07	2.56E-07	7.27E-08	3.28E-07	6.05E-08	1.86E-08	7.91E-08	4.72E-08	8.96E-09	5.61E-08
3961	623833.23	4265606.56	3.06E-07	9.70E-08	4.03E-07	2.55E-07	7.26E-08	3.28E-07	6.05E-08	1.86E-08	7.91E-08	4.71E-08	8.95E-09	5.61E-08
3962	623837.11	4265597.58	3.05E-07	9.70E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.04E-08	1.86E-08	7.90E-08	4.71E-08	8.95E-09	5.61E-08
3963	623840.98	4265588.59	3.05E-07	9.69E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.04E-08	1.86E-08	7.90E-08	4.71E-08	8.94E-09	5.60E-08
3964	623844.85	4265579.6	3.05E-07	9.69E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.04E-08	1.86E-08	7.89E-08	4.71E-08	8.94E-09	5.60E-08
3965	623848.73	4265570.62	3.05E-07	9.68E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.04E-08	1.86E-08	7.89E-08	4.70E-08	8.94E-09	5.60E-08
3966	623852.6	4265561.63	3.05E-07	9.68E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.03E-08	1.85E-08	7.89E-08	4.70E-08	8.93E-09	5.60E-08
3967	623856.48	4265552.64	3.05E-07	9.68E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.03E-08	1.85E-08	7.89E-08	4.70E-08	8.93E-09	5.60E-08
3968	623860.35	4265543.66	3.05E-07	9.68E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.03E-08	1.86E-08	7.89E-08	4.70E-08	8.94E-09	5.60E-08
3969	623864.22	4265534.67	3.05E-07	9.69E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.04E-08	1.86E-08	7.89E-08	4.71E-08	8.94E-09	5.60E-08
3970	623868.1	4265525.68	3.05E-07	9.69E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.04E-08	1.86E-08	7.90E-08	4.71E-08	8.94E-09	5.60E-08
3971	623871.97	4265516.7	3.05E-07	9.70E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.04E-08	1.86E-08	7.90E-08	4.71E-08	8.95E-09	5.61E-08
3972	623875.85	4265507.71	3.06E-07	9.71E-08	4.03E-07	2.55E-07	7.27E-08	3.28E-07	6.05E-08	1.86E-08	7.91E-08	4.72E-08	8.96E-09	5.61E-08
3973	623879.72	4265498.73	3.06E-07	9.72E-08	4.03E-07	2.56E-07	7.27E-08	3.28E-07	6.06E-08	1.86E-08	7.92E-08	4.72E-08	8.97E-09	5.62E-08
3974	623883.59	4265489.74	3.06E-07	9.72E-08	4.03E-07	2.56E-07	7.28E-08	3.29E-07	6.06E-08	1.86E-08	7.92E-08	4.73E-08	8.98E-09	5.62E-08
3975	623887.47	4265480.75	3.07E-07	9.73E-08	4.04E-07	2.56E-07	7.29E-08	3.29E-07	6.07E-08	1.87E-08	7.93E-08	4.73E-08	8.98E-09	5.63E-08
3976	623891.34	4265471.77	3.07E-07	9.74E-08	4.04E-07	2.56E-07	7.29E-08	3.29E-07	6.07E-08	1.87E-08	7.94E-08	4.73E-08	8.99E-09	5.63E-08
3977	623895.22	4265462.78	3.07E-07	9.75E-08	4.04E-07	2.57E-07	7.30E-08	3.30E-07	6.08E-08	1.87E-08	7.94E-08	4.74E-08	9.00E-09	5.64E-08
3978	623899.09	4265453.79	3.07E-07	9.75E-08	4.05E-07	2.57E-07	7.30E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.00E-09	5.64E-08
3979	623902.96	4265444.81	3.07E-07	9.75E-08	4.05E-07	2.57E-07	7.30E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.00E-09	5.64E-08
3980	623906.84	4265435.82	3.07E-07	9.75E-08	4.05E-07	2.57E-07	7.30E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.00E-09	5.64E-08
3981	623910.71	4265426.83	3.07E-07	9.75E-08	4.04E-07	2.57E-07	7.30E-08	3.30E-07	6.08E-08	1.87E-08	7.94E-08	4.74E-08	9.00E-09	5.64E-08
3982	623914.59	4265417.85	3.07E-07	9.74E-08	4.04E-07	2.56E-07	7.29E-08	3.29E-07	6.07E-08	1.87E-08	7.94E-08	4.73E-08	8.99E-09	5.63E-08
3983	623918.46	4265408.86	3.06E-07	9.73E-08	4.04E-07	2.56E-07	7.29E-08	3.29E-07	6.07E-08	1.86E-08	7.93E-08	4.73E-08	8.98E-09	5.63E-08
3984	623922.33	4265399.87	3.06E-07	9.72E-08	4.03E-07	2.56E-07	7.28E-08	3.29E-07	6.06E-08	1.86E-08	7.92E-08	4.72E-08	8.97E-09	5.62E-08
3985	623926.21	4265390.89	3.05E-07	9.70E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.05E-08	1.86E-08	7.90E-08	4.71E-08	8.95E-09	5.61E-08
3986	623930.08	4265381.9	3.05E-07	9.68E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.03E-08	1.85E-08	7.89E-08	4.70E-08	8.93E-09	5.60E-08
3987	623933.96	4265372.91	3.04E-07	9.65E-08	4.01E-07	2.54E-07	7.23E-08	3.26E-07	6.02E-08	1.85E-08	7.87E-08	4.69E-08	8.91E-09	5.58E-08
3988	623937.83	4265363.93	3.03E-07	9.62E-08	3.99E-07	2.53E-07	7.21E-08	3.25E-07	6.00E-08	1.84E-08	7.84E-08	4.68E-08	8.88E-09	5.56E-08
3989	623941.7	4265354.94	3.02E-07	9.59E-08	3.98E-07	2.53E-07	7.18E-08	3.24E-07	5.98E-08	1.84E-08	7.82E-08	4.66E-08	8.85E-09	5.55E-08
3990	623945.58	4265345.95	3.01E-07	9.56E-08	3.97E-07	2.52E-07	7.16E-08	3.23E-07	5.96E-08	1.83E-08	7.79E-08	4.65E-08	8.83E-09	5.53E-08
3991	623949.45	4265336.97	3.00E-07	9.53E-08	3.95E-07	2.51E-07	7.14E-08	3.22E-07	5.94E-08	1.83E-08	7.77E-08	4.63E-08	8.80E-09	5.51E-08
3992	623953.33	4265327.98	2.99E-07	9.50E-08	3.94E-07	2.50E-07	7.11E-08	3.21E-07	5.92E-08	1.82E-08	7.74E-08	4.62E-08	8.77E-09	5.49E-08

3993	623957.2	4265318.99	2.98E-07	9.47E-08	3.93E-07	2.49E-07	7.09E-08	3.20E-07	5.90E-08	1.81E-08	7.71E-08	4.60E-08	8.74E-09	5.47E-08
3994	623961.07	4265310.01	2.97E-07	9.44E-08	3.91E-07	2.48E-07	7.06E-08	3.19E-07	5.88E-08	1.81E-08	7.69E-08	4.58E-08	8.71E-09	5.46E-08
3995	623964.95	4265301.02	2.96E-07	9.41E-08	3.90E-07	2.48E-07	7.04E-08	3.18E-07	5.86E-08	1.80E-08	7.66E-08	4.57E-08	8.68E-09	5.44E-08
3996	623968.82	4265292.03	2.95E-07	9.38E-08	3.89E-07	2.47E-07	7.02E-08	3.17E-07	5.84E-08	1.80E-08	7.64E-08	4.56E-08	8.65E-09	5.42E-08
3997	623972.7	4265283.05	2.94E-07	9.35E-08	3.88E-07	2.46E-07	7.00E-08	3.16E-07	5.83E-08	1.79E-08	7.62E-08	4.54E-08	8.63E-09	5.41E-08
3998	623985.66	4265270.44	2.97E-07	9.43E-08	3.91E-07	2.48E-07	7.06E-08	3.19E-07	5.88E-08	1.81E-08	7.69E-08	4.58E-08	8.70E-09	5.45E-08
3999	623994.75	4265266.83	3.01E-07	9.55E-08	3.96E-07	2.51E-07	7.15E-08	3.23E-07	5.95E-08	1.83E-08	7.78E-08	4.64E-08	8.81E-09	5.52E-08
4000	624003.85	4265263.21	3.04E-07	9.66E-08	4.01E-07	2.54E-07	7.23E-08	3.27E-07	6.02E-08	1.85E-08	7.87E-08	4.69E-08	8.92E-09	5.59E-08
4001	624012.94	4265259.59	3.08E-07	9.78E-08	4.06E-07	2.57E-07	7.32E-08	3.31E-07	6.10E-08	1.87E-08	7.97E-08	4.75E-08	9.03E-09	5.65E-08
4002	624022.03	4265255.97	3.12E-07	9.90E-08	4.11E-07	2.61E-07	7.41E-08	3.35E-07	6.17E-08	1.90E-08	8.07E-08	4.81E-08	9.14E-09	5.72E-08
4003	624031.13	4265252.35	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.51E-08	3.39E-07	6.25E-08	1.92E-08	8.17E-08	4.87E-08	9.25E-09	5.80E-08
4004	624040.22	4265248.74	3.20E-07	1.01E-07	4.21E-07	2.67E-07	7.60E-08	3.43E-07	6.33E-08	1.94E-08	8.27E-08	4.93E-08	9.37E-09	5.87E-08
4005	624049.31	4265245.12	3.24E-07	1.03E-07	4.26E-07	2.70E-07	7.69E-08	3.47E-07	6.40E-08	1.97E-08	8.37E-08	4.99E-08	9.48E-09	5.94E-08
4006	624058.4	4265241.5	3.28E-07	1.04E-07	4.32E-07	2.74E-07	7.79E-08	3.52E-07	6.48E-08	1.99E-08	8.48E-08	5.05E-08	9.60E-09	6.01E-08
4007	624067.5	4265237.88	3.31E-07	1.05E-07	4.37E-07	2.77E-07	7.88E-08	3.56E-07	6.56E-08	2.02E-08	8.58E-08	5.11E-08	9.71E-09	6.09E-08
4008	624076.59	4265234.26	3.35E-07	1.06E-07	4.42E-07	2.80E-07	7.97E-08	3.60E-07	6.64E-08	2.04E-08	8.68E-08	5.17E-08	9.83E-09	6.16E-08
4009	624085.68	4265230.65	3.39E-07	1.08E-07	4.47E-07	2.83E-07	8.06E-08	3.64E-07	6.71E-08	2.06E-08	8.78E-08	5.23E-08	9.94E-09	6.23E-08
4010	624094.77	4265227.03	3.43E-07	1.09E-07	4.52E-07	2.87E-07	8.16E-08	3.68E-07	6.79E-08	2.09E-08	8.88E-08	5.29E-08	1.01E-08	6.30E-08
4011	624103.87	4265223.41	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.24E-08	3.72E-07	6.86E-08	2.11E-08	8.97E-08	5.35E-08	1.02E-08	6.37E-08
4012	624112.96	4265219.79	3.50E-07	1.11E-07	4.61E-07	2.93E-07	8.33E-08	3.76E-07	6.93E-08	2.13E-08	9.06E-08	5.40E-08	1.03E-08	6.43E-08
4013	624122.05	4265216.18	3.53E-07	1.12E-07	4.66E-07	2.95E-07	8.40E-08	3.79E-07	7.00E-08	2.15E-08	9.15E-08	5.45E-08	1.04E-08	6.49E-08
4014	624131.15	4265212.56	3.57E-07	1.13E-07	4.70E-07	2.98E-07	8.48E-08	3.83E-07	7.06E-08	2.17E-08	9.23E-08	5.50E-08	1.04E-08	6.55E-08
4015	624140.24	4265208.94	3.60E-07	1.14E-07	4.74E-07	3.00E-07	8.55E-08	3.86E-07	7.12E-08	2.19E-08	9.30E-08	5.55E-08	1.05E-08	6.60E-08
4016	624149.33	4265205.32	3.62E-07	1.15E-07	4.77E-07	3.03E-07	8.61E-08	3.89E-07	7.17E-08	2.20E-08	9.37E-08	5.59E-08	1.06E-08	6.65E-08
4017	624158.42	4265201.7	3.64E-07	1.16E-07	4.80E-07	3.05E-07	8.67E-08	3.91E-07	7.21E-08	2.22E-08	9.43E-08	5.62E-08	1.07E-08	6.69E-08
4018	624167.52	4265198.09	3.67E-07	1.16E-07	4.83E-07	3.06E-07	8.71E-08	3.93E-07	7.25E-08	2.23E-08	9.48E-08	5.66E-08	1.07E-08	6.73E-08
4019	624176.61	4265194.47	3.68E-07	1.17E-07	4.85E-07	3.08E-07	8.76E-08	3.95E-07	7.29E-08	2.24E-08	9.53E-08	5.68E-08	1.08E-08	6.76E-08
4020	624185.7	4265190.85	3.70E-07	1.17E-07	4.87E-07	3.09E-07	8.79E-08	3.97E-07	7.32E-08	2.25E-08	9.57E-08	5.71E-08	1.08E-08	6.79E-08
4021	624194.79	4265187.23	3.71E-07	1.18E-07	4.89E-07	3.10E-07	8.82E-08	3.98E-07	7.35E-08	2.26E-08	9.60E-08	5.73E-08	1.09E-08	6.81E-08
4022	624203.89	4265183.61	3.72E-07	1.18E-07	4.90E-07	3.11E-07	8.85E-08	4.00E-07	7.37E-08	2.26E-08	9.63E-08	5.74E-08	1.09E-08	6.83E-08
4023	624212.98	4265180	3.73E-07	1.18E-07	4.91E-07	3.12E-07	8.87E-08	4.00E-07	7.38E-08	2.27E-08	9.65E-08	5.76E-08	1.09E-08	6.85E-08
4024	624222.07	4265176.38	3.74E-07	1.19E-07	4.92E-07	3.12E-07	8.89E-08	4.01E-07	7.40E-08	2.27E-08	9.67E-08	5.77E-08	1.10E-08	6.86E-08
4025	624231.17	4265172.76	3.74E-07	1.19E-07	4.93E-07	3.13E-07	8.90E-08	4.02E-07	7.41E-08	2.28E-08	9.69E-08	5.78E-08	1.10E-08	6.88E-08
4026	624240.26	4265169.14	3.75E-07	1.19E-07	4.94E-07	3.14E-07	8.92E-08	4.03E-07	7.42E-08	2.28E-08	9.71E-08	5.79E-08	1.10E-08	6.89E-08
4027	624249.35	4265165.53	3.76E-07	1.19E-07	4.95E-07	3.14E-07	8.94E-08	4.03E-07	7.44E-08	2.29E-08	9.72E-08	5.80E-08	1.10E-08	6.90E-08
4028	624258.44	4265161.91	3.77E-07	1.20E-07	4.96E-07	3.15E-07	8.95E-08	4.04E-07	7.45E-08	2.29E-08	9.75E-08	5.81E-08	1.10E-08	6.91E-08
4029	624267.54	4265158.29	3.78E-07	1.20E-07	4.97E-07	3.16E-07	8.98E-08	4.05E-07	7.47E-08	2.30E-08	9.77E-08	5.83E-08	1.11E-08	6.93E-08
4030	624276.63	4265154.67	3.79E-07	1.20E-07	4.99E-07	3.16E-07	9.00E-08	4.06E-07	7.49E-08	2.30E-08	9.80E-08	5.84E-08	1.11E-08	6.95E-08
4031	624285.72	4265151.05	3.80E-07	1.21E-07	5.00E-07	3.17E-07	9.03E-08	4.08E-07	7.52E-08	2.31E-08	9.83E-08	5.86E-08	1.11E-08	6.97E-08
4032	624294.81	4265147.44	3.81E-07	1.21E-07	5.02E-07	3.19E-07	9.06E-08	4.09E-07	7.55E-08	2.32E-08	9.87E-08	5.88E-08	1.12E-08	7.00E-08
4033	624303.91	4265143.82	3.83E-07	1.22E-07	5.04E-07	3.20E-07	9.10E-08	4.11E-07	7.58E-08	2.33E-08	9.91E-08	5.91E-08	1.12E-08	7.03E-08
4034	624313	4265140.2	3.84E-07	1.22E-07	5.07E-07	3.21E-07	9.14E-08	4.13E-07	7.61E-08	2.34E-08	9.95E-08	5.93E-08	1.13E-08	7.06E-08
4035	624322.09	4265136.58	3.86E-07	1.23E-07	5.09E-07	3.23E-07	9.18E-08	4.15E-07	7.64E-08	2.35E-08	9.99E-08	5.96E-08	1.13E-08	7.09E-08
4036	624331.19	4265132.96	3.88E-07	1.23E-07	5.12E-07	3.24E-07	9.23E-08	4.17E-07	7.68E-08	2.36E-08	1.00E-07	5.99E-08	1.14E-08	7.13E-08
4037	624340.28	4265129.35	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.28E-08	4.19E-07	7.73E-08	2.37E-08	1.01E-07	6.02E-08	1.14E-08	7.17E-08
4038	624349.37	4265125.73	3.92E-07	1.25E-07	5.17E-07	3.28E-07	9.33E-08	4.21E-07	7.77E-08	2.39E-08	1.02E-07	6.05E-08	1.15E-08	7.20E-08
4039	624358.46	4265122.11	3.94E-07	1.25E-07	5.20E-07	3.30E-07	9.38E-08	4.23E-07	7.81E-08	2.40E-08	1.02E-07	6.08E-08	1.16E-08	7.24E-08
4040	623809.99	4265660.48	3.05E-07	9.70E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.05E-08	1.86E-08	7.90E-08	4.71E-08	8.95E-09	5.61E-08
4041	623809.84	4265670.38	3.07E-07	9.76E-08	4.05E-07	2.57E-07	7.31E-08	3.30E-07	6.08E-08	1.87E-08	7.96E-08	4.74E-08	9.01E-09	5.64E-08
4042	623809.7	4265680.27	3.09E-07	9.82E-08	4.08E-07	2.59E-07	7.35E-08	3.32E-07	6.12E-08	1.88E-08	8.00E-08	4.77E-08	9.07E-09	5.68E-08
4043	623809.56	4265690.16	3.11E-07	9.88E-08	4.10E-07	2.60E-07	7.40E-08	3.34E-07	6.16E-08	1.89E-08	8.05E-08	4.80E-08	9.12E-09	5.71E-08
4044	623809.42	4265700.05	3.13E-07	9.93E-08	4.12E-07	2.61E-07	7.43E-08	3.36E-07	6.19E-08	1.90E-08	8.09E-08	4.82E-08	9.16E-09	5.74E-08
4045	623809.27	4265709.95	3.14E-07	9.98E-08	4.14E-07	2.63E-07	7.47E-08	3.37E-07	6.22E-08	1.91E-08	8.13E-08	4.85E-08	9.21E-09	5.77E-08
4046	623809.13	4265719.84	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.50E-08	3.39E-07	6.25E-08	1.92E-08	8.17E-08	4.87E-08	9.25E-09	5.79E-08
4047	623808.99	4265729.73	3.17E-07	1.01E-07	4.18E-07	2.65E-07	7.53E-08	3.40E-07	6.27E-08	1.93E-08	8.20E-08	4.89E-08	9.29E-09	5.82E-08
4048	623808.84	4265739.62	3.18E-07	1.01E-07	4.19E-07	2.66E-07	7.56E-08	3.42E-07	6.30E-08	1.94E-08	8.23E-08	4.91E-08	9.32E-09	5.84E-08
4049	623808.7	4265749.52	3.19E-07	1.01E-07	4.21E-07	2.67E-07	7.59E-08	3.43E-07	6.32E-08	1.94E-08	8.26E-08	4.93E-08	9.36E-09	5.86E-08
4050	623808.56	4265759.41	3.21E-07	1.02E-07	4.23E-07	2.68E-07	7.62E-08	3.44E-07	6.35E-08	1.95E-08	8.30E-08	4.95E-08	9.40E-09	5.89E-08
4051	623808.41	4265769.3	3.22E-07	1.02E-07	4.24E-07	2.69E-07	7.66E-08	3.46E-07	6.37E-08	1.96E-08	8.33E-08	4.97E-08	9.44E-09	5.91E-08
4052	623808.27	4265779.19	3.24E-07	1.03E-07	4.26E-07	2.70E-07	7.69E-08	3.47E-07	6.40E-08	1.97E-08	8.37E-08	4.99E-08	9.48E-09	5.94E-08
4053	623808.13	4265789.09	3.25E-07	1.03E-07	4.28E-07	2.72E-07	7.73E-08	3.49E-07	6.44E-08	1.98E-08	8.41E-08	5.02E-08	9.53E-09	5.97E-08
4054	623807.98	4265798.98	3.27E-07	1.04E-07	4.31E-07	2.73E-07	7.78E-08	3.51E-07	6.47E-08	1.99E-08	8.46E-08	5.05E-08	9.58E-09	6.00E-08
4055	623807.84	4265808.87	3.29E-07	1.05E-07	4.34E-07	2.75E-07	7.83E-08	3.53E-07	6.51E-08	2.00E-08	8.52E-08	5.08E-08	9.65E-09	6.04E-08
4056	623807.7	4265818.76	3.32E-07	1.05E-07	4.37E-07	2.77E-07	7.88E-08	3.56E-07	6.56E-08	2.02E-08	8.58E-08	5.12E-08	9.72E-09	6.09E-08
4057	623807.55	4265828.66	3.34E-07	1.06E-07	4.40E-07	2.79E-07	7.95E-08	3.59E-07	6.61E-08	2.03E-08	8.65E-08	5.16E-08	9.79E-09	6.14E-08
4058	623807.41	4265838.55	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.02E-08	3.62E-07	6.67E-08	2.05E-08	8.73E-08	5.20E-08	9.88E-09	6.19E-08
4059	623807.27	4265848.44	3.41E-07	1.08E-07	4.49E-07	2.85E-07	8.10E-08	3.66E-07	6.74E-08	2.07E-08	8.81E-08	5.26E-08	9.98E-09	6.25E-08
4060	623807.13	4265858.33	3.44E-07	1.09E-07	4.54E-07	2.88E-07	8.19E-08	3.70E-07	6.81E-08	2.09E-08	8.91E-08	5.31E-08	1.01E-08	6.32E-08
4061	623806.98	4265868.23	3.48E-07	1.11E-07	4.59E-07	2.91E-07	8.28E-08	3.74E-07	6.89E-08	2.12E-08	9.01E-08	5.37E-08	1.02E-08	6.39E-08
4062	623806.84	4265878.12	3.52E-07	1.12E-07	4.64E-07	2.94E-07	8.37E-08	3.78E-07	6.97E-08	2.14E-08	9.11E-08	5.43E-08	1.03E-08	6.46E-08
4063	623806.7	4265888.01	3.56E-07	1.13E-07	4.69E-07	2.98E-07	8.47E-08	3.82E-07	7.05E-08	2.17E-08	9.22E-08	5.50E-08	1.04E-08	6.54E-08
4064	623806.55	4265897.9	3.60E-07	1.14E-07	4.75E-07	3.01E-07	8.57E-08	3.87E-07	7.13E-08	2.19E-08	9.32E-08	5.56E-08	1.06E-08	6.62E-08
4065	623806.41	4265907.8	3.65E-07	1.16E-07	4.80E-07	3.05E-07	8.67E-08	3.91E-07	7.22E-08	2.22E-08	9.44E-08	5.63E-08	1.07E-08	6.69E-08
4066	623806.27	4265917.69	3.69E-07	1.17E-07	4.86E-07	3.08E-07	8.77E-08	3.96E-07	7.30E-08	2.24E-08	9.55E-08	5.69E-08	1.08E-08	6.77E-08

4067	623806.12	4265927.58	3.73E-07	1.18E-07	4.92E-07	3.12E-07	8.87E-08	4.01E-07	7.38E-08	2.27E-08	9.65E-08	5.76E-08	1.09E-08	6.85E-08
4068	623805.98	4265937.47	3.77E-07	1.20E-07	4.97E-07	3.15E-07	8.97E-08	4.05E-07	7.46E-08	2.29E-08	9.76E-08	5.82E-08	1.11E-08	6.92E-08
4069	623805.84	4265947.37	3.81E-07	1.21E-07	5.02E-07	3.19E-07	9.06E-08	4.09E-07	7.54E-08	2.32E-08	9.86E-08	5.88E-08	1.12E-08	7.00E-08
4070	623805.69	4265957.26	3.85E-07	1.22E-07	5.07E-07	3.22E-07	9.15E-08	4.13E-07	7.62E-08	2.34E-08	9.96E-08	5.94E-08	1.13E-08	7.06E-08
4071	623763.86	4265650.79	2.78E-07	8.84E-08	3.67E-07	2.33E-07	6.62E-08	2.99E-07	5.51E-08	1.69E-08	7.20E-08	4.29E-08	8.16E-09	5.11E-08
4072	623767.73	4265641.82	2.79E-07	8.85E-08	3.67E-07	2.33E-07	6.62E-08	2.99E-07	5.51E-08	1.69E-08	7.21E-08	4.30E-08	8.16E-09	5.11E-08
4073	623771.59	4265632.85	2.79E-07	8.85E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.21E-08	4.30E-08	8.17E-09	5.12E-08
4074	623775.46	4265623.88	2.79E-07	8.85E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.21E-08	4.30E-08	8.17E-09	5.12E-08
4075	623779.33	4265614.91	2.79E-07	8.86E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.22E-08	4.30E-08	8.17E-09	5.12E-08
4076	623783.19	4265605.94	2.79E-07	8.86E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.22E-08	4.30E-08	8.17E-09	5.12E-08
4077	623787.06	4265596.98	2.79E-07	8.86E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.22E-08	4.30E-08	8.17E-09	5.12E-08
4078	623790.92	4265588.01	2.79E-07	8.85E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.22E-08	4.30E-08	8.17E-09	5.12E-08
4079	623794.79	4265579.04	2.79E-07	8.85E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.21E-08	4.30E-08	8.17E-09	5.12E-08
4080	623798.66	4265570.07	2.79E-07	8.85E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.22E-08	4.30E-08	8.17E-09	5.12E-08
4081	623802.52	4265561.1	2.79E-07	8.86E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.22E-08	4.30E-08	8.17E-09	5.12E-08
4082	623806.39	4265552.13	2.79E-07	8.86E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.22E-08	4.30E-08	8.17E-09	5.12E-08
4083	623810.26	4265543.16	2.79E-07	8.86E-08	3.68E-07	2.33E-07	6.63E-08	3.00E-07	5.52E-08	1.70E-08	7.22E-08	4.31E-08	8.18E-09	5.12E-08
4084	623814.12	4265534.19	2.79E-07	8.87E-08	3.68E-07	2.33E-07	6.64E-08	3.00E-07	5.53E-08	1.70E-08	7.22E-08	4.31E-08	8.18E-09	5.13E-08
4085	623817.99	4265525.22	2.79E-07	8.87E-08	3.68E-07	2.34E-07	6.64E-08	3.00E-07	5.53E-08	1.70E-08	7.23E-08	4.31E-08	8.19E-09	5.13E-08
4086	623821.86	4265516.25	2.80E-07	8.88E-08	3.68E-07	2.34E-07	6.65E-08	3.00E-07	5.53E-08	1.70E-08	7.24E-08	4.31E-08	8.19E-09	5.13E-08
4087	623825.72	4265507.28	2.80E-07	8.89E-08	3.69E-07	2.34E-07	6.65E-08	3.00E-07	5.54E-08	1.70E-08	7.24E-08	4.32E-08	8.20E-09	5.14E-08
4088	623829.59	4265498.31	2.80E-07	8.90E-08	3.69E-07	2.34E-07	6.66E-08	3.01E-07	5.55E-08	1.70E-08	7.25E-08	4.32E-08	8.21E-09	5.14E-08
4089	623833.46	4265489.35	2.80E-07	8.91E-08	3.70E-07	2.34E-07	6.67E-08	3.01E-07	5.55E-08	1.71E-08	7.26E-08	4.33E-08	8.22E-09	5.15E-08
4090	623837.32	4265480.38	2.81E-07	8.92E-08	3.70E-07	2.35E-07	6.68E-08	3.01E-07	5.56E-08	1.71E-08	7.27E-08	4.33E-08	8.23E-09	5.16E-08
4091	623841.19	4265471.41	2.81E-07	8.93E-08	3.70E-07	2.35E-07	6.68E-08	3.02E-07	5.56E-08	1.71E-08	7.28E-08	4.34E-08	8.24E-09	5.16E-08
4092	623845.06	4265462.44	2.81E-07	8.94E-08	3.71E-07	2.35E-07	6.69E-08	3.02E-07	5.57E-08	1.71E-08	7.28E-08	4.34E-08	8.25E-09	5.17E-08
4093	623848.92	4265453.47	2.82E-07	8.94E-08	3.71E-07	2.35E-07	6.70E-08	3.02E-07	5.57E-08	1.71E-08	7.29E-08	4.35E-08	8.25E-09	5.17E-08
4094	623852.79	4265444.5	2.82E-07	8.95E-08	3.71E-07	2.36E-07	6.70E-08	3.03E-07	5.58E-08	1.71E-08	7.29E-08	4.35E-08	8.26E-09	5.17E-08
4095	623856.66	4265435.53	2.82E-07	8.95E-08	3.71E-07	2.36E-07	6.70E-08	3.03E-07	5.58E-08	1.72E-08	7.30E-08	4.35E-08	8.26E-09	5.18E-08
4096	623860.52	4265426.56	2.82E-07	8.95E-08	3.72E-07	2.36E-07	6.70E-08	3.03E-07	5.58E-08	1.72E-08	7.30E-08	4.35E-08	8.26E-09	5.18E-08
4097	623864.39	4265417.59	2.82E-07	8.95E-08	3.71E-07	2.36E-07	6.70E-08	3.03E-07	5.58E-08	1.72E-08	7.30E-08	4.35E-08	8.26E-09	5.18E-08
4098	623868.25	4265408.62	2.82E-07	8.95E-08	3.71E-07	2.35E-07	6.70E-08	3.02E-07	5.58E-08	1.71E-08	7.29E-08	4.35E-08	8.26E-09	5.17E-08
4099	623872.12	4265399.65	2.81E-07	8.94E-08	3.71E-07	2.35E-07	6.69E-08	3.02E-07	5.57E-08	1.71E-08	7.28E-08	4.34E-08	8.25E-09	5.17E-08
4100	623875.99	4265390.68	2.81E-07	8.93E-08	3.70E-07	2.35E-07	6.68E-08	3.02E-07	5.56E-08	1.71E-08	7.27E-08	4.34E-08	8.24E-09	5.16E-08
4101	623879.85	4265381.72	2.81E-07	8.91E-08	3.70E-07	2.34E-07	6.67E-08	3.01E-07	5.55E-08	1.71E-08	7.26E-08	4.33E-08	8.22E-09	5.15E-08
4102	623883.72	4265372.75	2.80E-07	8.89E-08	3.69E-07	2.34E-07	6.66E-08	3.01E-07	5.54E-08	1.70E-08	7.24E-08	4.32E-08	8.20E-09	5.14E-08
4103	623887.59	4265363.78	2.79E-07	8.87E-08	3.68E-07	2.33E-07	6.64E-08	3.00E-07	5.53E-08	1.70E-08	7.23E-08	4.31E-08	8.18E-09	5.13E-08
4104	623891.45	4265354.81	2.78E-07	8.84E-08	3.67E-07	2.33E-07	6.62E-08	2.99E-07	5.51E-08	1.69E-08	7.21E-08	4.30E-08	8.16E-09	5.11E-08
4105	623895.32	4265345.84	2.78E-07	8.82E-08	3.66E-07	2.32E-07	6.60E-08	2.98E-07	5.49E-08	1.69E-08	7.18E-08	4.28E-08	8.14E-09	5.10E-08
4106	623899.19	4265336.87	2.77E-07	8.79E-08	3.65E-07	2.31E-07	6.58E-08	2.97E-07	5.48E-08	1.68E-08	7.16E-08	4.27E-08	8.11E-09	5.08E-08
4107	623903.05	4265327.9	2.76E-07	8.76E-08	3.63E-07	2.30E-07	6.56E-08	2.96E-07	5.46E-08	1.68E-08	7.14E-08	4.25E-08	8.08E-09	5.06E-08
4108	623906.92	4265318.93	2.75E-07	8.73E-08	3.62E-07	2.30E-07	6.53E-08	2.95E-07	5.44E-08	1.67E-08	7.11E-08	4.24E-08	8.06E-09	5.05E-08
4109	623910.79	4265309.96	2.74E-07	8.70E-08	3.61E-07	2.29E-07	6.51E-08	2.94E-07	5.42E-08	1.67E-08	7.09E-08	4.23E-08	8.03E-09	5.03E-08
4110	623914.65	4265300.99	2.73E-07	8.67E-08	3.60E-07	2.28E-07	6.49E-08	2.93E-07	5.40E-08	1.66E-08	7.07E-08	4.21E-08	8.00E-09	5.01E-08
4111	623918.52	4265292.02	2.72E-07	8.64E-08	3.59E-07	2.27E-07	6.47E-08	2.92E-07	5.39E-08	1.66E-08	7.04E-08	4.20E-08	7.98E-09	5.00E-08
4112	623922.39	4265283.05	2.71E-07	8.62E-08	3.57E-07	2.27E-07	6.45E-08	2.91E-07	5.37E-08	1.65E-08	7.02E-08	4.19E-08	7.95E-09	4.98E-08
4113	623926.25	4265274.09	2.70E-07	8.59E-08	3.56E-07	2.26E-07	6.43E-08	2.90E-07	5.35E-08	1.65E-08	7.00E-08	4.17E-08	7.93E-09	4.97E-08
4114	623930.12	4265265.12	2.70E-07	8.57E-08	3.55E-07	2.25E-07	6.41E-08	2.90E-07	5.34E-08	1.64E-08	6.98E-08	4.16E-08	7.90E-09	4.95E-08
4115	623933.99	4265256.15	2.69E-07	8.54E-08	3.54E-07	2.25E-07	6.39E-08	2.89E-07	5.32E-08	1.64E-08	6.96E-08	4.15E-08	7.88E-09	4.94E-08
4116	623937.85	4265247.18	2.68E-07	8.52E-08	3.53E-07	2.24E-07	6.38E-08	2.88E-07	5.31E-08	1.63E-08	6.94E-08	4.14E-08	7.86E-09	4.92E-08
4117	623950.79	4265234.6	2.71E-07	8.59E-08	3.56E-07	2.26E-07	6.43E-08	2.90E-07	5.35E-08	1.65E-08	7.00E-08	4.17E-08	7.93E-09	4.97E-08
4118	623959.87	4265230.99	2.74E-07	8.69E-08	3.61E-07	2.29E-07	6.51E-08	2.94E-07	5.42E-08	1.66E-08	7.08E-08	4.22E-08	8.02E-09	5.02E-08
4119	623968.94	4265227.38	2.77E-07	8.79E-08	3.65E-07	2.31E-07	6.58E-08	2.97E-07	5.48E-08	1.68E-08	7.16E-08	4.27E-08	8.11E-09	5.08E-08
4120	623978.02	4265223.76	2.80E-07	8.89E-08	3.69E-07	2.34E-07	6.66E-08	3.01E-07	5.54E-08	1.70E-08	7.25E-08	4.32E-08	8.21E-09	5.14E-08
4121	623987.09	4265220.15	2.83E-07	9.00E-08	3.73E-07	2.37E-07	6.74E-08	3.04E-07	5.61E-08	1.72E-08	7.33E-08	4.37E-08	8.31E-09	5.20E-08
4122	623996.17	4265216.54	2.87E-07	9.11E-08	3.78E-07	2.40E-07	6.82E-08	3.08E-07	5.68E-08	1.75E-08	7.42E-08	4.43E-08	8.41E-09	5.27E-08
4123	624005.24	4265212.93	2.90E-07	9.22E-08	3.83E-07	2.43E-07	6.90E-08	3.12E-07	5.75E-08	1.77E-08	7.51E-08	4.48E-08	8.51E-09	5.33E-08
4124	624014.32	4265209.32	2.94E-07	9.33E-08	3.87E-07	2.46E-07	6.99E-08	3.15E-07	5.82E-08	1.79E-08	7.60E-08	4.53E-08	8.61E-09	5.40E-08
4125	624023.39	4265205.71	2.97E-07	9.44E-08	3.92E-07	2.49E-07	7.07E-08	3.19E-07	5.89E-08	1.81E-08	7.70E-08	4.59E-08	8.72E-09	5.46E-08
4126	624032.47	4265202.1	3.01E-07	9.56E-08	3.97E-07	2.52E-07	7.16E-08	3.23E-07	5.96E-08	1.83E-08	7.79E-08	4.64E-08	8.82E-09	5.53E-08
4127	624041.54	4265198.49	3.05E-07	9.67E-08	4.01E-07	2.55E-07	7.24E-08	3.27E-07	6.03E-08	1.85E-08	7.88E-08	4.70E-08	8.92E-09	5.59E-08
4128	624050.62	4265194.88	3.08E-07	9.78E-08	4.06E-07	2.57E-07	7.32E-08	3.31E-07	6.10E-08	1.87E-08	7.97E-08	4.75E-08	9.03E-09	5.66E-08
4129	624059.7	4265191.27	3.11E-07	9.89E-08	4.10E-07	2.60E-07	7.41E-08	3.34E-07	6.17E-08	1.90E-08	8.06E-08	4.81E-08	9.13E-09	5.72E-08
4130	624068.77	4265187.66	3.15E-07	1.00E-07	4.15E-07	2.63E-07	7.49E-08	3.38E-07	6.23E-08	1.92E-08	8.15E-08	4.86E-08	9.23E-09	5.78E-08
4131	624077.85	4265184.05	3.18E-07	1.01E-07	4.19E-07	2.66E-07	7.56E-08	3.42E-07	6.30E-08	1.94E-08	8.23E-08	4.91E-08	9.32E-09	5.84E-08
4132	624086.92	4265180.43	3.21E-07	1.02E-07	4.23E-07	2.69E-07	7.64E-08	3.45E-07	6.36E-08	1.95E-08	8.31E-08	4.96E-08	9.42E-09	5.90E-08
4133	624096	4265176.82	3.24E-07	1.03E-07	4.27E-07	2.71E-07	7.71E-08	3.48E-07	6.42E-08	1.97E-08	8.39E-08	5.00E-08	9.50E-09	5.95E-08
4134	624105.07	4265173.21	3.27E-07	1.04E-07	4.31E-07	2.73E-07	7.78E-08	3.51E-07	6.48E-08	1.99E-08	8.47E-08	5.05E-08	9.59E-09	6.01E-08
4135	624114.15	4265169.6	3.30E-07	1.05E-07	4.35E-07	2.76E-07	7.84E-08	3.54E-07	6.53E-08	2.01E-08	8.53E-08	5.09E-08	9.67E-09	6.06E-08
4136	624123.22	4265165.99	3.32E-07	1.06E-07	4.38E-07	2.78E-07	7.90E-08	3.57E-07	6.58E-08	2.02E-08	8.60E-08	5.13E-08	9.74E-09	6.10E-08
4137	624132.3	4265162.38	3.35E-07	1.06E-07	4.41E-07	2.80E-07	7.96E-08	3.59E-07	6.63E-08	2.04E-08	8.66E-08	5.17E-08	9.81E-09	6.15E-08
4138	624141.37	4265158.77	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.01E-08	3.62E-07	6.67E-08	2.05E-08	8.72E-08	5.20E-08	9.88E-09	6.19E-08
4139	624150.45	4265155.16	3.39E-07	1.08E-07	4.46E-07	2.83E-07	8.05E-08	3.64E-07	6.71E-08	2.06E-08	8.77E-08	5.23E-08	9.93E-09	6.22E-08
4140	624159.52	4265151.55	3.40E-07	1.08E-07	4.48E-07	2.84E-07	8.09E-08	3.65E-07	6.73E-08	2.07E-08	8.80E-08	5.25E-08	9.97E-09	6.25E-08

4141	624168.6	4265147.94	3.41E-07	1.08E-07	4.50E-07	2.85E-07	8.12E-08	3.67E-07	6.76E-08	2.08E-08	8.84E-08	5.27E-08	1.00E-08	6.27E-08
4142	624177.67	4265144.33	3.42E-07	1.09E-07	4.51E-07	2.86E-07	8.14E-08	3.68E-07	6.78E-08	2.08E-08	8.86E-08	5.28E-08	1.00E-08	6.29E-08
4143	624186.75	4265140.72	3.43E-07	1.09E-07	4.52E-07	2.87E-07	8.16E-08	3.68E-07	6.79E-08	2.09E-08	8.88E-08	5.30E-08	1.01E-08	6.30E-08
4144	624195.82	4265137.1	3.44E-07	1.09E-07	4.53E-07	2.87E-07	8.17E-08	3.69E-07	6.80E-08	2.09E-08	8.90E-08	5.30E-08	1.01E-08	6.31E-08
4145	624204.9	4265133.49	3.44E-07	1.09E-07	4.54E-07	2.88E-07	8.18E-08	3.70E-07	6.81E-08	2.09E-08	8.91E-08	5.31E-08	1.01E-08	6.32E-08
4146	624213.97	4265129.88	3.45E-07	1.09E-07	4.54E-07	2.88E-07	8.19E-08	3.70E-07	6.82E-08	2.10E-08	8.92E-08	5.32E-08	1.01E-08	6.33E-08
4147	624223.05	4265126.27	3.45E-07	1.10E-07	4.54E-07	2.88E-07	8.20E-08	3.70E-07	6.83E-08	2.10E-08	8.92E-08	5.32E-08	1.01E-08	6.33E-08
4148	624232.12	4265122.66	3.45E-07	1.10E-07	4.55E-07	2.88E-07	8.21E-08	3.71E-07	6.83E-08	2.10E-08	8.93E-08	5.33E-08	1.01E-08	6.34E-08
4149	624241.2	4265119.05	3.45E-07	1.10E-07	4.55E-07	2.89E-07	8.21E-08	3.71E-07	6.84E-08	2.10E-08	8.94E-08	5.33E-08	1.01E-08	6.34E-08
4150	624250.27	4265115.44	3.46E-07	1.10E-07	4.56E-07	2.89E-07	8.22E-08	3.71E-07	6.85E-08	2.10E-08	8.95E-08	5.34E-08	1.01E-08	6.35E-08
4151	624259.35	4265111.83	3.46E-07	1.10E-07	4.56E-07	2.90E-07	8.24E-08	3.72E-07	6.86E-08	2.11E-08	8.96E-08	5.35E-08	1.02E-08	6.36E-08
4152	624268.42	4265108.22	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.25E-08	3.73E-07	6.87E-08	2.11E-08	8.98E-08	5.36E-08	1.02E-08	6.37E-08
4153	624277.5	4265104.61	3.48E-07	1.11E-07	4.58E-07	2.91E-07	8.27E-08	3.74E-07	6.89E-08	2.12E-08	9.00E-08	5.37E-08	1.02E-08	6.39E-08
4154	624286.57	4265101	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.30E-08	3.75E-07	6.91E-08	2.12E-08	9.03E-08	5.38E-08	1.02E-08	6.41E-08
4155	624295.65	4265097.38	3.50E-07	1.11E-07	4.61E-07	2.93E-07	8.32E-08	3.76E-07	6.93E-08	2.13E-08	9.06E-08	5.40E-08	1.03E-08	6.43E-08
4156	624304.72	4265093.77	3.51E-07	1.12E-07	4.63E-07	2.94E-07	8.35E-08	3.77E-07	6.95E-08	2.14E-08	9.09E-08	5.42E-08	1.03E-08	6.45E-08
4157	624313.8	4265090.16	3.53E-07	1.12E-07	4.65E-07	2.95E-07	8.38E-08	3.79E-07	6.98E-08	2.15E-08	9.12E-08	5.44E-08	1.03E-08	6.47E-08
4158	624322.87	4265086.55	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.42E-08	3.80E-07	7.01E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
4159	624331.95	4265082.94	3.56E-07	1.13E-07	4.69E-07	2.97E-07	8.46E-08	3.82E-07	7.04E-08	2.16E-08	9.20E-08	5.49E-08	1.04E-08	6.53E-08
4160	624341.02	4265079.33	3.57E-07	1.13E-07	4.71E-07	2.99E-07	8.50E-08	3.84E-07	7.07E-08	2.17E-08	9.25E-08	5.51E-08	1.05E-08	6.56E-08
4161	624350.1	4265075.72	3.59E-07	1.14E-07	4.73E-07	3.00E-07	8.54E-08	3.85E-07	7.11E-08	2.18E-08	9.29E-08	5.54E-08	1.05E-08	6.59E-08
4162	624359.17	4265072.11	3.61E-07	1.15E-07	4.75E-07	3.01E-07	8.57E-08	3.87E-07	7.14E-08	2.19E-08	9.33E-08	5.56E-08	1.06E-08	6.62E-08
4163	623759.99	4265659.76	2.78E-07	8.83E-08	3.66E-07	2.32E-07	6.61E-08	2.98E-07	5.50E-08	1.69E-08	7.19E-08	4.29E-08	8.15E-09	5.10E-08
4164	623759.85	4265669.65	2.80E-07	8.88E-08	3.68E-07	2.34E-07	6.65E-08	3.00E-07	5.53E-08	1.70E-08	7.23E-08	4.31E-08	8.19E-09	5.13E-08
4165	623759.71	4265679.55	2.81E-07	8.93E-08	3.70E-07	2.35E-07	6.68E-08	3.02E-07	5.56E-08	1.71E-08	7.27E-08	4.34E-08	8.24E-09	5.16E-08
4166	623759.56	4265689.44	2.82E-07	8.97E-08	3.72E-07	2.36E-07	6.72E-08	3.03E-07	5.59E-08	1.72E-08	7.31E-08	4.36E-08	8.28E-09	5.19E-08
4167	623759.42	4265699.33	2.84E-07	9.01E-08	3.74E-07	2.37E-07	6.75E-08	3.05E-07	5.62E-08	1.73E-08	7.34E-08	4.38E-08	8.32E-09	5.21E-08
4168	623759.28	4265709.22	2.85E-07	9.05E-08	3.76E-07	2.38E-07	6.78E-08	3.06E-07	5.64E-08	1.73E-08	7.38E-08	4.40E-08	8.35E-09	5.23E-08
4169	623759.13	4265719.12	2.86E-07	9.09E-08	3.77E-07	2.39E-07	6.80E-08	3.07E-07	5.66E-08	1.74E-08	7.41E-08	4.42E-08	8.39E-09	5.25E-08
4170	623758.99	4265729.01	2.87E-07	9.12E-08	3.79E-07	2.40E-07	6.83E-08	3.08E-07	5.69E-08	1.75E-08	7.43E-08	4.43E-08	8.42E-09	5.27E-08
4171	623758.85	4265738.9	2.88E-07	9.16E-08	3.80E-07	2.41E-07	6.86E-08	3.10E-07	5.71E-08	1.75E-08	7.46E-08	4.45E-08	8.45E-09	5.29E-08
4172	623758.7	4265748.79	2.89E-07	9.19E-08	3.81E-07	2.42E-07	6.88E-08	3.11E-07	5.73E-08	1.76E-08	7.49E-08	4.47E-08	8.48E-09	5.31E-08
4173	623758.56	4265758.69	2.90E-07	9.23E-08	3.83E-07	2.43E-07	6.91E-08	3.12E-07	5.75E-08	1.77E-08	7.52E-08	4.48E-08	8.51E-09	5.33E-08
4174	623758.42	4265768.58	2.92E-07	9.26E-08	3.84E-07	2.44E-07	6.93E-08	3.13E-07	5.77E-08	1.77E-08	7.55E-08	4.50E-08	8.55E-09	5.35E-08
4175	623758.28	4265778.47	2.93E-07	9.30E-08	3.86E-07	2.45E-07	6.96E-08	3.14E-07	5.80E-08	1.78E-08	7.58E-08	4.52E-08	8.58E-09	5.38E-08
4176	623758.13	4265788.36	2.94E-07	9.35E-08	3.88E-07	2.46E-07	7.00E-08	3.16E-07	5.83E-08	1.79E-08	7.62E-08	4.54E-08	8.63E-09	5.40E-08
4177	623757.99	4265798.26	2.96E-07	9.40E-08	3.90E-07	2.47E-07	7.04E-08	3.18E-07	5.86E-08	1.80E-08	7.66E-08	4.57E-08	8.67E-09	5.43E-08
4178	623757.85	4265808.15	2.98E-07	9.45E-08	3.92E-07	2.49E-07	7.08E-08	3.20E-07	5.89E-08	1.81E-08	7.70E-08	4.59E-08	8.72E-09	5.46E-08
4179	623757.7	4265818.04	3.00E-07	9.52E-08	3.95E-07	2.50E-07	7.12E-08	3.22E-07	5.93E-08	1.82E-08	7.75E-08	4.62E-08	8.78E-09	5.50E-08
4180	623757.56	4265827.93	3.02E-07	9.59E-08	3.98E-07	2.52E-07	7.18E-08	3.24E-07	5.97E-08	1.84E-08	7.81E-08	4.66E-08	8.85E-09	5.54E-08
4181	623757.42	4265837.83	3.04E-07	9.66E-08	4.01E-07	2.54E-07	7.24E-08	3.27E-07	6.02E-08	1.85E-08	7.88E-08	4.70E-08	8.92E-09	5.59E-08
4182	623757.27	4265847.72	3.07E-07	9.75E-08	4.05E-07	2.57E-07	7.30E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.00E-09	5.64E-08
4183	623757.13	4265857.61	3.10E-07	9.84E-08	4.08E-07	2.59E-07	7.37E-08	3.33E-07	6.14E-08	1.89E-08	8.02E-08	4.78E-08	9.09E-09	5.69E-08
4184	623756.99	4265867.5	3.13E-07	9.94E-08	4.13E-07	2.62E-07	7.45E-08	3.36E-07	6.20E-08	1.91E-08	8.10E-08	4.83E-08	9.18E-09	5.75E-08
4185	623756.84	4265877.4	3.16E-07	1.01E-07	4.17E-07	2.65E-07	7.53E-08	3.40E-07	6.26E-08	1.93E-08	8.19E-08	4.88E-08	9.28E-09	5.81E-08
4186	623756.7	4265887.29	3.20E-07	1.02E-07	4.22E-07	2.67E-07	7.61E-08	3.44E-07	6.33E-08	1.95E-08	8.28E-08	4.94E-08	9.38E-09	5.88E-08
4187	623756.56	4265897.18	3.24E-07	1.03E-07	4.26E-07	2.70E-07	7.69E-08	3.47E-07	6.41E-08	1.97E-08	8.37E-08	4.99E-08	9.48E-09	5.94E-08
4188	623756.41	4265907.07	3.27E-07	1.04E-07	4.31E-07	2.74E-07	7.78E-08	3.51E-07	6.48E-08	1.99E-08	8.47E-08	5.05E-08	9.59E-09	6.01E-08
4189	623756.27	4265916.97	3.31E-07	1.05E-07	4.36E-07	2.77E-07	7.87E-08	3.55E-07	6.55E-08	2.01E-08	8.57E-08	5.11E-08	9.70E-09	6.08E-08
4190	623756.13	4265926.86	3.35E-07	1.06E-07	4.41E-07	2.80E-07	7.96E-08	3.59E-07	6.63E-08	2.04E-08	8.66E-08	5.17E-08	9.81E-09	6.15E-08
4191	623755.99	4265936.75	3.39E-07	1.08E-07	4.46E-07	2.83E-07	8.05E-08	3.64E-07	6.70E-08	2.06E-08	8.76E-08	5.22E-08	9.92E-09	6.22E-08
4192	623755.84	4265946.64	3.42E-07	1.09E-07	4.51E-07	2.86E-07	8.14E-08	3.67E-07	6.78E-08	2.08E-08	8.86E-08	5.28E-08	1.00E-08	6.29E-08
4193	623755.7	4265956.54	3.46E-07	1.10E-07	4.56E-07	2.89E-07	8.22E-08	3.71E-07	6.85E-08	2.10E-08	8.95E-08	5.34E-08	1.01E-08	6.35E-08
4194	623713.86	4265650.08	2.54E-07	8.06E-08	3.34E-07	2.12E-07	6.04E-08	2.73E-07	5.02E-08	1.54E-08	6.57E-08	3.92E-08	7.44E-09	4.66E-08
4195	623717.72	4265641.13	2.54E-07	8.07E-08	3.35E-07	2.12E-07	6.04E-08	2.73E-07	5.03E-08	1.55E-08	6.58E-08	3.92E-08	7.45E-09	4.67E-08
4196	623721.58	4265632.17	2.54E-07	8.08E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.04E-08	1.55E-08	6.58E-08	3.93E-08	7.46E-09	4.67E-08
4197	623725.44	4265623.22	2.55E-07	8.09E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.04E-08	1.55E-08	6.59E-08	3.93E-08	7.46E-09	4.68E-08
4198	623729.3	4265614.26	2.55E-07	8.09E-08	3.36E-07	2.13E-07	6.06E-08	2.74E-07	5.04E-08	1.55E-08	6.60E-08	3.93E-08	7.47E-09	4.68E-08
4199	623733.16	4265605.31	2.55E-07	8.10E-08	3.36E-07	2.13E-07	6.06E-08	2.74E-07	5.05E-08	1.55E-08	6.60E-08	3.94E-08	7.48E-09	4.68E-08
4200	623737.02	4265596.36	2.55E-07	8.11E-08	3.36E-07	2.13E-07	6.07E-08	2.74E-07	5.05E-08	1.55E-08	6.61E-08	3.94E-08	7.48E-09	4.69E-08
4201	623740.88	4265587.4	2.55E-07	8.11E-08	3.37E-07	2.13E-07	6.07E-08	2.74E-07	5.06E-08	1.55E-08	6.61E-08	3.94E-08	7.49E-09	4.69E-08
4202	623744.74	4265578.45	2.56E-07	8.12E-08	3.37E-07	2.14E-07	6.08E-08	2.74E-07	5.06E-08	1.56E-08	6.61E-08	3.94E-08	7.49E-09	4.69E-08
4203	623748.6	4265569.49	2.56E-07	8.12E-08	3.37E-07	2.14E-07	6.08E-08	2.75E-07	5.06E-08	1.56E-08	6.62E-08	3.95E-08	7.50E-09	4.70E-08
4204	623752.46	4265560.54	2.56E-07	8.13E-08	3.37E-07	2.14E-07	6.09E-08	2.75E-07	5.07E-08	1.56E-08	6.62E-08	3.95E-08	7.50E-09	4.70E-08
4205	623756.32	4265551.58	2.56E-07	8.14E-08	3.38E-07	2.14E-07	6.09E-08	2.75E-07	5.07E-08	1.56E-08	6.63E-08	3.95E-08	7.51E-09	4.70E-08
4206	623760.18	4265542.63	2.56E-07	8.14E-08	3.38E-07	2.14E-07	6.10E-08	2.75E-07	5.07E-08	1.56E-08	6.63E-08	3.96E-08	7.51E-09	4.71E-08
4207	623764.04	4265533.67	2.57E-07	8.15E-08	3.38E-07	2.14E-07	6.10E-08	2.76E-07	5.08E-08	1.56E-08	6.64E-08	3.96E-08	7.52E-09	4.71E-08
4208	623767.9	4265524.72	2.57E-07	8.16E-08	3.38E-07	2.15E-07	6.11E-08	2.76E-07	5.08E-08	1.56E-08	6.65E-08	3.96E-08	7.53E-09	4.72E-08
4209	623771.76	4265515.76	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.11E-08	2.76E-07	5.09E-08	1.56E-08	6.65E-08	3.97E-08	7.54E-09	4.72E-08
4210	623775.62	4265506.81	2.57E-07	8.18E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.10E-08	1.57E-08	6.66E-08	3.97E-08	7.55E-09	4.73E-08
4211	623779.48	4265497.86	2.58E-07	8.19E-08	3.40E-07	2.15E-07	6.13E-08	2.77E-07	5.10E-08	1.57E-08	6.67E-08	3.98E-08	7.56E-09	4.73E-08
4212	623783.34	4265488.9	2.58E-07	8.20E-08	3.40E-07	2.16E-07	6.14E-08	2.77E-07	5.11E-08	1.57E-08	6.68E-08	3.98E-08	7.57E-09	4.74E-08
4213	623787.2	4265479.95	2.58E-07	8.21E-08	3.41E-07	2.16E-07	6.15E-08	2.78E-07	5.12E-08	1.57E-08	6.69E-08	3.99E-08	7.58E-09	4.75E-08
4214	623791.06	4265470.99	2.59E-07	8.22E-08	3.41E-07	2.16E-07	6.16E-08	2.78E-07	5.12E-08	1.58E-08	6.70E-08	3.99E-08	7.59E-09	4.75E-08

4215	623794.92	4265462.04	2.59E-07	8.23E-08	3.42E-07	2.17E-07	6.16E-08	2.78E-07	5.13E-08	1.58E-08	6.71E-08	4.00E-08	7.60E-09	4.76E-08
4216	623798.78	4265453.08	2.60E-07	8.24E-08	3.42E-07	2.17E-07	6.17E-08	2.79E-07	5.14E-08	1.58E-08	6.72E-08	4.00E-08	7.61E-09	4.77E-08
4217	623802.64	4265444.13	2.60E-07	8.25E-08	3.42E-07	2.17E-07	6.18E-08	2.79E-07	5.14E-08	1.58E-08	6.72E-08	4.01E-08	7.62E-09	4.77E-08
4218	623806.5	4265435.17	2.60E-07	8.26E-08	3.43E-07	2.17E-07	6.18E-08	2.79E-07	5.15E-08	1.58E-08	6.73E-08	4.01E-08	7.62E-09	4.78E-08
4219	623810.36	4265426.22	2.60E-07	8.27E-08	3.43E-07	2.18E-07	6.19E-08	2.79E-07	5.15E-08	1.58E-08	6.74E-08	4.02E-08	7.63E-09	4.78E-08
4220	623814.22	4265417.26	2.60E-07	8.27E-08	3.43E-07	2.18E-07	6.19E-08	2.80E-07	5.15E-08	1.58E-08	6.74E-08	4.02E-08	7.63E-09	4.78E-08
4221	623818.08	4265408.31	2.60E-07	8.27E-08	3.43E-07	2.18E-07	6.19E-08	2.80E-07	5.15E-08	1.58E-08	6.74E-08	4.02E-08	7.63E-09	4.78E-08
4222	623821.94	4265399.36	2.60E-07	8.27E-08	3.43E-07	2.18E-07	6.19E-08	2.80E-07	5.15E-08	1.58E-08	6.74E-08	4.02E-08	7.63E-09	4.78E-08
4223	623825.8	4265390.4	2.60E-07	8.26E-08	3.43E-07	2.17E-07	6.19E-08	2.79E-07	5.15E-08	1.58E-08	6.73E-08	4.01E-08	7.63E-09	4.78E-08
4224	623829.66	4265381.45	2.60E-07	8.25E-08	3.42E-07	2.17E-07	6.18E-08	2.79E-07	5.14E-08	1.58E-08	6.73E-08	4.01E-08	7.62E-09	4.77E-08
4225	623833.52	4265372.49	2.60E-07	8.24E-08	3.42E-07	2.17E-07	6.17E-08	2.79E-07	5.14E-08	1.58E-08	6.72E-08	4.00E-08	7.61E-09	4.77E-08
4226	623837.38	4265363.54	2.59E-07	8.23E-08	3.41E-07	2.17E-07	6.16E-08	2.78E-07	5.13E-08	1.58E-08	6.70E-08	4.00E-08	7.59E-09	4.76E-08
4227	623841.24	4265354.58	2.58E-07	8.21E-08	3.41E-07	2.16E-07	6.15E-08	2.78E-07	5.12E-08	1.57E-08	6.69E-08	3.99E-08	7.58E-09	4.75E-08
4228	623845.1	4265345.63	2.58E-07	8.19E-08	3.40E-07	2.15E-07	6.13E-08	2.77E-07	5.10E-08	1.57E-08	6.67E-08	3.98E-08	7.56E-09	4.73E-08
4229	623848.96	4265336.67	2.57E-07	8.16E-08	3.39E-07	2.15E-07	6.11E-08	2.76E-07	5.09E-08	1.56E-08	6.65E-08	3.97E-08	7.53E-09	4.72E-08
4230	623852.82	4265327.72	2.56E-07	8.14E-08	3.38E-07	2.14E-07	6.09E-08	2.75E-07	5.07E-08	1.56E-08	6.63E-08	3.95E-08	7.51E-09	4.70E-08
4231	623856.69	4265318.76	2.55E-07	8.11E-08	3.36E-07	2.13E-07	6.07E-08	2.74E-07	5.05E-08	1.55E-08	6.61E-08	3.94E-08	7.48E-09	4.69E-08
4232	623860.55	4265309.81	2.54E-07	8.08E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.04E-08	1.55E-08	6.58E-08	3.93E-08	7.46E-09	4.67E-08
4233	623864.41	4265300.86	2.54E-07	8.05E-08	3.34E-07	2.12E-07	6.03E-08	2.72E-07	5.02E-08	1.54E-08	6.56E-08	3.91E-08	7.43E-09	4.65E-08
4234	623868.27	4265291.9	2.53E-07	8.02E-08	3.33E-07	2.11E-07	6.01E-08	2.71E-07	5.00E-08	1.54E-08	6.54E-08	3.90E-08	7.40E-09	4.64E-08
4235	623872.13	4265282.95	2.52E-07	7.99E-08	3.32E-07	2.10E-07	5.98E-08	2.70E-07	4.98E-08	1.53E-08	6.51E-08	3.88E-08	7.37E-09	4.62E-08
4236	623875.99	4265273.99	2.51E-07	7.96E-08	3.30E-07	2.09E-07	5.96E-08	2.69E-07	4.96E-08	1.53E-08	6.49E-08	3.87E-08	7.35E-09	4.60E-08
4237	623879.85	4265265.04	2.50E-07	7.93E-08	3.29E-07	2.09E-07	5.94E-08	2.68E-07	4.94E-08	1.52E-08	6.46E-08	3.85E-08	7.32E-09	4.59E-08
4238	623883.71	4265256.08	2.49E-07	7.90E-08	3.28E-07	2.08E-07	5.92E-08	2.67E-07	4.93E-08	1.51E-08	6.44E-08	3.84E-08	7.29E-09	4.57E-08
4239	623887.57	4265247.13	2.48E-07	7.88E-08	3.27E-07	2.07E-07	5.90E-08	2.66E-07	4.91E-08	1.51E-08	6.42E-08	3.83E-08	7.27E-09	4.55E-08
4240	623891.43	4265238.17	2.47E-07	7.85E-08	3.26E-07	2.07E-07	5.88E-08	2.65E-07	4.89E-08	1.50E-08	6.40E-08	3.81E-08	7.25E-09	4.54E-08
4241	623895.29	4265229.22	2.46E-07	7.83E-08	3.25E-07	2.06E-07	5.86E-08	2.65E-07	4.88E-08	1.50E-08	6.38E-08	3.80E-08	7.22E-09	4.53E-08
4242	623899.15	4265220.26	2.46E-07	7.81E-08	3.24E-07	2.05E-07	5.84E-08	2.64E-07	4.87E-08	1.50E-08	6.36E-08	3.79E-08	7.20E-09	4.51E-08
4243	623903.01	4265211.31	2.45E-07	7.79E-08	3.23E-07	2.05E-07	5.83E-08	2.63E-07	4.85E-08	1.49E-08	6.34E-08	3.78E-08	7.19E-09	4.50E-08
4244	623915.93	4265198.75	2.47E-07	7.86E-08	3.26E-07	2.07E-07	5.88E-08	2.66E-07	4.90E-08	1.51E-08	6.40E-08	3.82E-08	7.25E-09	4.54E-08
4245	623924.99	4265195.15	2.50E-07	7.95E-08	3.30E-07	2.09E-07	5.95E-08	2.69E-07	4.95E-08	1.52E-08	6.48E-08	3.86E-08	7.34E-09	4.60E-08
4246	623934.05	4265191.54	2.53E-07	8.04E-08	3.34E-07	2.12E-07	6.02E-08	2.72E-07	5.01E-08	1.54E-08	6.55E-08	3.91E-08	7.42E-09	4.65E-08
4247	623943.11	4265187.94	2.56E-07	8.13E-08	3.37E-07	2.14E-07	6.09E-08	2.75E-07	5.07E-08	1.56E-08	6.63E-08	3.95E-08	7.51E-09	4.70E-08
4248	623952.17	4265184.33	2.59E-07	8.23E-08	3.41E-07	2.17E-07	6.16E-08	2.78E-07	5.13E-08	1.58E-08	6.70E-08	4.00E-08	7.59E-09	4.76E-08
4249	623961.23	4265180.73	2.62E-07	8.32E-08	3.45E-07	2.19E-07	6.23E-08	2.81E-07	5.19E-08	1.59E-08	6.78E-08	4.04E-08	7.68E-09	4.81E-08
4250	623970.29	4265177.12	2.65E-07	8.42E-08	3.49E-07	2.22E-07	6.31E-08	2.85E-07	5.25E-08	1.61E-08	6.86E-08	4.09E-08	7.77E-09	4.87E-08
4251	623979.35	4265173.52	2.68E-07	8.52E-08	3.54E-07	2.24E-07	6.38E-08	2.88E-07	5.31E-08	1.63E-08	6.94E-08	4.14E-08	7.86E-09	4.93E-08
4252	623988.41	4265169.91	2.72E-07	8.62E-08	3.58E-07	2.27E-07	6.46E-08	2.92E-07	5.37E-08	1.65E-08	7.03E-08	4.19E-08	7.96E-09	4.99E-08
4253	623997.47	4265166.31	2.75E-07	8.73E-08	3.62E-07	2.30E-07	6.53E-08	2.95E-07	5.44E-08	1.67E-08	7.11E-08	4.24E-08	8.05E-09	5.04E-08
4254	624006.53	4265162.7	2.78E-07	8.83E-08	3.66E-07	2.32E-07	6.61E-08	2.98E-07	5.50E-08	1.69E-08	7.19E-08	4.29E-08	8.15E-09	5.10E-08
4255	624015.59	4265159.1	2.81E-07	8.93E-08	3.70E-07	2.35E-07	6.69E-08	3.02E-07	5.57E-08	1.71E-08	7.28E-08	4.34E-08	8.24E-09	5.16E-08
4256	624024.65	4265155.49	2.84E-07	9.03E-08	3.75E-07	2.38E-07	6.76E-08	3.05E-07	5.63E-08	1.73E-08	7.36E-08	4.39E-08	8.33E-09	5.22E-08
4257	624033.71	4265151.89	2.88E-07	9.13E-08	3.79E-07	2.40E-07	6.84E-08	3.09E-07	5.69E-08	1.75E-08	7.44E-08	4.44E-08	8.43E-09	5.28E-08
4258	624042.77	4265148.28	2.91E-07	9.23E-08	3.83E-07	2.43E-07	6.91E-08	3.12E-07	5.75E-08	1.77E-08	7.52E-08	4.48E-08	8.52E-09	5.34E-08
4259	624051.83	4265144.68	2.94E-07	9.32E-08	3.87E-07	2.45E-07	6.98E-08	3.15E-07	5.81E-08	1.79E-08	7.60E-08	4.53E-08	8.61E-09	5.39E-08
4260	624060.89	4265141.07	2.97E-07	9.42E-08	3.91E-07	2.48E-07	7.05E-08	3.18E-07	5.87E-08	1.80E-08	7.67E-08	4.58E-08	8.69E-09	5.44E-08
4261	624069.95	4265137.47	2.99E-07	9.51E-08	3.94E-07	2.50E-07	7.12E-08	3.21E-07	5.92E-08	1.82E-08	7.75E-08	4.62E-08	8.77E-09	5.50E-08
4262	624079.01	4265133.86	3.02E-07	9.59E-08	3.98E-07	2.52E-07	7.18E-08	3.24E-07	5.98E-08	1.84E-08	7.81E-08	4.66E-08	8.85E-09	5.54E-08
4263	624088.07	4265130.26	3.04E-07	9.67E-08	4.01E-07	2.54E-07	7.24E-08	3.27E-07	6.03E-08	1.85E-08	7.88E-08	4.70E-08	8.92E-09	5.59E-08
4264	624097.13	4265126.65	3.07E-07	9.74E-08	4.04E-07	2.56E-07	7.29E-08	3.29E-07	6.07E-08	1.87E-08	7.94E-08	4.73E-08	8.99E-09	5.63E-08
4265	624106.19	4265123.05	3.09E-07	9.81E-08	4.07E-07	2.58E-07	7.35E-08	3.32E-07	6.11E-08	1.88E-08	7.99E-08	4.77E-08	9.05E-09	5.67E-08
4266	624115.25	4265119.44	3.11E-07	9.87E-08	4.10E-07	2.60E-07	7.39E-08	3.34E-07	6.15E-08	1.89E-08	8.04E-08	4.80E-08	9.11E-09	5.71E-08
4267	624124.31	4265115.84	3.13E-07	9.93E-08	4.12E-07	2.61E-07	7.44E-08	3.36E-07	6.19E-08	1.90E-08	8.09E-08	4.83E-08	9.17E-09	5.74E-08
4268	624133.37	4265112.23	3.14E-07	9.98E-08	4.14E-07	2.63E-07	7.48E-08	3.38E-07	6.22E-08	1.91E-08	8.14E-08	4.85E-08	9.21E-09	5.77E-08
4269	624142.44	4265108.63	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.51E-08	3.39E-07	6.25E-08	1.92E-08	8.17E-08	4.87E-08	9.25E-09	5.80E-08
4270	624151.5	4265105.02	3.17E-07	1.01E-07	4.17E-07	2.65E-07	7.53E-08	3.40E-07	6.27E-08	1.93E-08	8.20E-08	4.89E-08	9.28E-09	5.82E-08
4271	624160.56	4265101.42	3.18E-07	1.01E-07	4.18E-07	2.65E-07	7.55E-08	3.41E-07	6.29E-08	1.93E-08	8.22E-08	4.90E-08	9.31E-09	5.83E-08
4272	624169.62	4265097.81	3.18E-07	1.01E-07	4.19E-07	2.66E-07	7.56E-08	3.42E-07	6.30E-08	1.94E-08	8.23E-08	4.91E-08	9.32E-09	5.84E-08
4273	624178.68	4265094.21	3.18E-07	1.01E-07	4.20E-07	2.66E-07	7.57E-08	3.42E-07	6.30E-08	1.94E-08	8.24E-08	4.91E-08	9.33E-09	5.85E-08
4274	624187.74	4265090.6	3.19E-07	1.01E-07	4.20E-07	2.66E-07	7.58E-08	3.42E-07	6.31E-08	1.94E-08	8.25E-08	4.92E-08	9.34E-09	5.85E-08
4275	624196.8	4265087	3.19E-07	1.01E-07	4.20E-07	2.66E-07	7.58E-08	3.42E-07	6.31E-08	1.94E-08	8.25E-08	4.92E-08	9.34E-09	5.85E-08
4276	624205.86	4265083.39	3.19E-07	1.01E-07	4.20E-07	2.66E-07	7.58E-08	3.42E-07	6.31E-08	1.94E-08	8.25E-08	4.92E-08	9.34E-09	5.85E-08
4277	624214.92	4265079.79	3.19E-07	1.01E-07	4.20E-07	2.66E-07	7.58E-08	3.42E-07	6.31E-08	1.94E-08	8.25E-08	4.92E-08	9.34E-09	5.85E-08
4278	624223.98	4265076.18	3.19E-07	1.01E-07	4.20E-07	2.66E-07	7.58E-08	3.42E-07	6.31E-08	1.94E-08	8.25E-08	4.92E-08	9.34E-09	5.85E-08
4279	624233.04	4265072.58	3.19E-07	1.01E-07	4.20E-07	2.66E-07	7.58E-08	3.42E-07	6.31E-08	1.94E-08	8.25E-08	4.92E-08	9.34E-09	5.85E-08
4280	624242.1	4265068.97	3.19E-07	1.01E-07	4.20E-07	2.67E-07	7.58E-08	3.42E-07	6.31E-08	1.94E-08	8.25E-08	4.92E-08	9.35E-09	5.85E-08
4281	624251.16	4265065.37	3.19E-07	1.01E-07	4.20E-07	2.67E-07	7.59E-08	3.43E-07	6.32E-08	1.94E-08	8.26E-08	4.92E-08	9.35E-09	5.86E-08
4282	624260.22	4265061.76	3.19E-07	1.01E-07	4.21E-07	2.67E-07	7.60E-08	3.43E-07	6.32E-08	1.94E-08	8.27E-08	4.93E-08	9.36E-09	5.87E-08
4283	624269.28	4265058.16	3.20E-07	1.02E-07	4.22E-07	2.67E-07	7.61E-08	3.44E-07	6.33E-08	1.95E-08	8.28E-08	4.94E-08	9.38E-09	5.88E-08
4284	624278.34	4265054.55	3.21E-07	1.02E-07	4.22E-07	2.68E-07	7.62E-08	3.44E-07	6.35E-08	1.95E-08	8.30E-08	4.95E-08	9.40E-09	5.89E-08
4285	624287.4	4265050.95	3.21E-07	1.02E-07	4.24E-07	2.69E-07	7.64E-08	3.45E-07	6.36E-08	1.96E-08	8.32E-08	4.96E-08	9.42E-09	5.90E-08
4286	624296.46	4265047.34	3.22E-07	1.02E-07	4.25E-07	2.69E-07	7.66E-08	3.46E-07	6.38E-08	1.96E-08	8.34E-08	4.97E-08	9.45E-09	5.92E-08
4287	624305.52	4265043.74	3.23E-07	1.03E-07	4.26E-07	2.70E-07	7.69E-08	3.47E-07	6.40E-08	1.97E-08	8.37E-08	4.99E-08	9.48E-09	5.94E-08
4288	624314.58	4265040.13	3.24E-07	1.03E-07	4.27E-07	2.71E-07	7.71E-08	3.48E-07	6.42E-08	1.97E-08	8.40E-08	5.01E-08	9.51E-09	5.96E-08

4289	624323.64	4265036.53	3.26E-07	1.03E-07	4.29E-07	2.72E-07	7.74E-08	3.50E-07	6.44E-08	1.98E-08	8.43E-08	5.02E-08	9.54E-09	5.98E-08
4290	624332.7	4265032.92	3.27E-07	1.04E-07	4.31E-07	2.73E-07	7.77E-08	3.51E-07	6.47E-08	1.99E-08	8.46E-08	5.05E-08	9.58E-09	6.00E-08
4291	624341.76	4265029.32	3.28E-07	1.04E-07	4.33E-07	2.74E-07	7.81E-08	3.53E-07	6.50E-08	2.00E-08	8.50E-08	5.07E-08	9.62E-09	6.03E-08
4292	624350.82	4265025.71	3.30E-07	1.05E-07	4.35E-07	2.76E-07	7.84E-08	3.54E-07	6.53E-08	2.01E-08	8.53E-08	5.09E-08	9.67E-09	6.06E-08
4293	624359.88	4265022.11	3.31E-07	1.05E-07	4.36E-07	2.77E-07	7.87E-08	3.55E-07	6.55E-08	2.01E-08	8.57E-08	5.11E-08	9.70E-09	6.08E-08
4294	623710	4265659.04	2.53E-07	8.05E-08	3.34E-07	2.12E-07	6.03E-08	2.72E-07	5.02E-08	1.54E-08	6.56E-08	3.91E-08	7.43E-09	4.65E-08
4295	623709.85	4265668.93	2.55E-07	8.09E-08	3.36E-07	2.13E-07	6.06E-08	2.74E-07	5.04E-08	1.55E-08	6.60E-08	3.93E-08	7.47E-09	4.68E-08
4296	623709.71	4265678.82	2.56E-07	8.13E-08	3.37E-07	2.14E-07	6.09E-08	2.75E-07	5.07E-08	1.56E-08	6.63E-08	3.95E-08	7.51E-09	4.70E-08
4297	623709.57	4265688.71	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.09E-08	1.57E-08	6.66E-08	3.97E-08	7.54E-09	4.73E-08
4298	623709.43	4265698.61	2.59E-07	8.21E-08	3.41E-07	2.16E-07	6.15E-08	2.78E-07	5.12E-08	1.57E-08	6.69E-08	3.99E-08	7.58E-09	4.75E-08
4299	623709.28	4265708.5	2.60E-07	8.24E-08	3.42E-07	2.17E-07	6.17E-08	2.79E-07	5.14E-08	1.58E-08	6.72E-08	4.01E-08	7.61E-09	4.77E-08
4300	623709.14	4265718.39	2.61E-07	8.28E-08	3.43E-07	2.18E-07	6.20E-08	2.80E-07	5.16E-08	1.59E-08	6.74E-08	4.02E-08	7.64E-09	4.79E-08
4301	623709	4265728.28	2.62E-07	8.31E-08	3.45E-07	2.19E-07	6.22E-08	2.81E-07	5.18E-08	1.59E-08	6.77E-08	4.04E-08	7.67E-09	4.80E-08
4302	623708.85	4265738.18	2.63E-07	8.34E-08	3.46E-07	2.19E-07	6.24E-08	2.82E-07	5.20E-08	1.60E-08	6.80E-08	4.05E-08	7.70E-09	4.82E-08
4303	623708.71	4265748.07	2.64E-07	8.37E-08	3.47E-07	2.20E-07	6.27E-08	2.83E-07	5.22E-08	1.60E-08	6.82E-08	4.07E-08	7.73E-09	4.84E-08
4304	623708.57	4265757.96	2.65E-07	8.40E-08	3.49E-07	2.21E-07	6.29E-08	2.84E-07	5.24E-08	1.61E-08	6.85E-08	4.08E-08	7.75E-09	4.86E-08
4305	623708.42	4265767.85	2.66E-07	8.44E-08	3.50E-07	2.22E-07	6.32E-08	2.85E-07	5.26E-08	1.62E-08	6.87E-08	4.10E-08	7.78E-09	4.88E-08
4306	623708.28	4265777.75	2.67E-07	8.47E-08	3.51E-07	2.23E-07	6.34E-08	2.86E-07	5.28E-08	1.62E-08	6.90E-08	4.12E-08	7.82E-09	4.90E-08
4307	623708.14	4265787.64	2.68E-07	8.51E-08	3.53E-07	2.24E-07	6.37E-08	2.88E-07	5.30E-08	1.63E-08	6.94E-08	4.14E-08	7.85E-09	4.92E-08
4308	623707.99	4265797.53	2.69E-07	8.55E-08	3.55E-07	2.25E-07	6.40E-08	2.89E-07	5.33E-08	1.64E-08	6.97E-08	4.16E-08	7.89E-09	4.95E-08
4309	623707.85	4265807.42	2.71E-07	8.60E-08	3.57E-07	2.26E-07	6.44E-08	2.91E-07	5.36E-08	1.65E-08	7.01E-08	4.18E-08	7.94E-09	4.97E-08
4310	623707.71	4265817.32	2.73E-07	8.66E-08	3.59E-07	2.28E-07	6.48E-08	2.93E-07	5.40E-08	1.66E-08	7.06E-08	4.21E-08	7.99E-09	5.01E-08
4311	623707.56	4265827.21	2.75E-07	8.72E-08	3.62E-07	2.30E-07	6.53E-08	2.95E-07	5.44E-08	1.67E-08	7.11E-08	4.24E-08	8.05E-09	5.04E-08
4312	623707.42	4265837.1	2.77E-07	8.79E-08	3.65E-07	2.31E-07	6.58E-08	2.97E-07	5.48E-08	1.68E-08	7.16E-08	4.27E-08	8.11E-09	5.08E-08
4313	623707.28	4265846.99	2.79E-07	8.86E-08	3.68E-07	2.33E-07	6.63E-08	3.00E-07	5.52E-08	1.70E-08	7.22E-08	4.31E-08	8.18E-09	5.12E-08
4314	623707.14	4265856.89	2.81E-07	8.94E-08	3.71E-07	2.35E-07	6.69E-08	3.02E-07	5.57E-08	1.71E-08	7.28E-08	4.34E-08	8.25E-09	5.17E-08
4315	623706.99	4265866.78	2.84E-07	9.02E-08	3.74E-07	2.37E-07	6.76E-08	3.05E-07	5.62E-08	1.73E-08	7.35E-08	4.38E-08	8.33E-09	5.22E-08
4316	623706.85	4265876.67	2.87E-07	9.11E-08	3.78E-07	2.40E-07	6.82E-08	3.08E-07	5.68E-08	1.75E-08	7.42E-08	4.43E-08	8.41E-09	5.27E-08
4317	623706.71	4265886.56	2.90E-07	9.20E-08	3.82E-07	2.42E-07	6.89E-08	3.11E-07	5.74E-08	1.76E-08	7.50E-08	4.47E-08	8.50E-09	5.32E-08
4318	623706.56	4265896.46	2.93E-07	9.30E-08	3.86E-07	2.45E-07	6.96E-08	3.14E-07	5.80E-08	1.78E-08	7.58E-08	4.52E-08	8.58E-09	5.38E-08
4319	623706.42	4265906.35	2.96E-07	9.40E-08	3.90E-07	2.47E-07	7.04E-08	3.18E-07	5.86E-08	1.80E-08	7.66E-08	4.57E-08	8.68E-09	5.43E-08
4320	623706.28	4265916.24	2.99E-07	9.50E-08	3.94E-07	2.50E-07	7.11E-08	3.21E-07	5.92E-08	1.82E-08	7.74E-08	4.62E-08	8.77E-09	5.49E-08
4321	623706.13	4265926.13	3.02E-07	9.60E-08	3.98E-07	2.53E-07	7.19E-08	3.25E-07	5.99E-08	1.84E-08	7.83E-08	4.67E-08	8.86E-09	5.55E-08
4322	623705.99	4265936.03	3.06E-07	9.70E-08	4.03E-07	2.55E-07	7.27E-08	3.28E-07	6.05E-08	1.86E-08	7.91E-08	4.71E-08	8.96E-09	5.61E-08
4323	623705.85	4265945.92	3.09E-07	9.80E-08	4.07E-07	2.58E-07	7.34E-08	3.31E-07	6.11E-08	1.88E-08	7.99E-08	4.76E-08	9.05E-09	5.67E-08
4324	623705.7	4265955.81	3.12E-07	9.90E-08	4.11E-07	2.61E-07	7.41E-08	3.35E-07	6.17E-08	1.90E-08	8.07E-08	4.81E-08	9.14E-09	5.72E-08
4325	623705.56	4265965.7	3.15E-07	9.99E-08	4.14E-07	2.63E-07	7.48E-08	3.38E-07	6.23E-08	1.91E-08	8.14E-08	4.85E-08	9.22E-09	5.78E-08
4326	623663.86	4265649.37	2.33E-07	7.40E-08	3.07E-07	1.95E-07	5.54E-08	2.50E-07	4.61E-08	1.42E-08	6.03E-08	3.60E-08	6.83E-09	4.28E-08
4327	623667.71	4265640.43	2.33E-07	7.41E-08	3.08E-07	1.95E-07	5.55E-08	2.51E-07	4.62E-08	1.42E-08	6.04E-08	3.60E-08	6.84E-09	4.29E-08
4328	623671.57	4265631.49	2.34E-07	7.42E-08	3.08E-07	1.95E-07	5.56E-08	2.51E-07	4.62E-08	1.42E-08	6.05E-08	3.61E-08	6.85E-09	4.29E-08
4329	623675.42	4265622.55	2.34E-07	7.43E-08	3.08E-07	1.95E-07	5.56E-08	2.51E-07	4.63E-08	1.42E-08	6.05E-08	3.61E-08	6.85E-09	4.29E-08
4330	623679.28	4265613.6	2.34E-07	7.43E-08	3.08E-07	1.96E-07	5.57E-08	2.51E-07	4.63E-08	1.42E-08	6.06E-08	3.61E-08	6.86E-09	4.30E-08
4331	623683.13	4265604.66	2.34E-07	7.44E-08	3.09E-07	1.96E-07	5.57E-08	2.51E-07	4.64E-08	1.43E-08	6.06E-08	3.61E-08	6.87E-09	4.30E-08
4332	623686.99	4265595.72	2.34E-07	7.44E-08	3.09E-07	1.96E-07	5.57E-08	2.52E-07	4.64E-08	1.43E-08	6.07E-08	3.62E-08	6.87E-09	4.30E-08
4333	623690.84	4265586.78	2.35E-07	7.45E-08	3.09E-07	1.96E-07	5.58E-08	2.52E-07	4.64E-08	1.43E-08	6.07E-08	3.62E-08	6.88E-09	4.31E-08
4334	623694.7	4265577.84	2.35E-07	7.46E-08	3.09E-07	1.96E-07	5.58E-08	2.52E-07	4.65E-08	1.43E-08	6.08E-08	3.62E-08	6.88E-09	4.31E-08
4335	623698.55	4265568.89	2.35E-07	7.46E-08	3.10E-07	1.96E-07	5.59E-08	2.52E-07	4.65E-08	1.43E-08	6.08E-08	3.63E-08	6.89E-09	4.31E-08
4336	623702.41	4265559.95	2.35E-07	7.47E-08	3.10E-07	1.97E-07	5.59E-08	2.53E-07	4.66E-08	1.43E-08	6.09E-08	3.63E-08	6.89E-09	4.32E-08
4337	623706.26	4265551.01	2.35E-07	7.48E-08	3.10E-07	1.97E-07	5.60E-08	2.53E-07	4.66E-08	1.43E-08	6.09E-08	3.63E-08	6.90E-09	4.32E-08
4338	623710.12	4265542.07	2.36E-07	7.49E-08	3.11E-07	1.97E-07	5.61E-08	2.53E-07	4.67E-08	1.43E-08	6.10E-08	3.64E-08	6.91E-09	4.33E-08
4339	623713.97	4265533.13	2.36E-07	7.50E-08	3.11E-07	1.97E-07	5.61E-08	2.53E-07	4.67E-08	1.44E-08	6.11E-08	3.64E-08	6.92E-09	4.33E-08
4340	623717.83	4265524.18	2.36E-07	7.51E-08	3.11E-07	1.98E-07	5.62E-08	2.54E-07	4.68E-08	1.44E-08	6.12E-08	3.65E-08	6.93E-09	4.34E-08
4341	623721.68	4265515.24	2.37E-07	7.52E-08	3.12E-07	1.98E-07	5.63E-08	2.54E-07	4.69E-08	1.44E-08	6.13E-08	3.65E-08	6.94E-09	4.35E-08
4342	623725.53	4265506.3	2.37E-07	7.53E-08	3.12E-07	1.98E-07	5.64E-08	2.55E-07	4.69E-08	1.44E-08	6.14E-08	3.66E-08	6.95E-09	4.35E-08
4343	623729.39	4265497.36	2.38E-07	7.55E-08	3.13E-07	1.99E-07	5.65E-08	2.55E-07	4.70E-08	1.45E-08	6.15E-08	3.67E-08	6.96E-09	4.36E-08
4344	623733.24	4265488.42	2.38E-07	7.56E-08	3.14E-07	1.99E-07	5.66E-08	2.56E-07	4.71E-08	1.45E-08	6.16E-08	3.67E-08	6.98E-09	4.37E-08
4345	623737.1	4265479.47	2.39E-07	7.58E-08	3.14E-07	1.99E-07	5.67E-08	2.56E-07	4.72E-08	1.45E-08	6.17E-08	3.68E-08	6.99E-09	4.38E-08
4346	623740.95	4265470.53	2.39E-07	7.59E-08	3.15E-07	2.00E-07	5.68E-08	2.57E-07	4.73E-08	1.45E-08	6.19E-08	3.69E-08	7.01E-09	4.39E-08
4347	623744.81	4265461.59	2.40E-07	7.61E-08	3.16E-07	2.00E-07	5.70E-08	2.57E-07	4.74E-08	1.46E-08	6.20E-08	3.70E-08	7.02E-09	4.40E-08
4348	623748.66	4265452.65	2.40E-07	7.62E-08	3.16E-07	2.01E-07	5.71E-08	2.58E-07	4.75E-08	1.46E-08	6.21E-08	3.70E-08	7.03E-09	4.41E-08
4349	623752.52	4265443.71	2.40E-07	7.64E-08	3.17E-07	2.01E-07	5.72E-08	2.58E-07	4.76E-08	1.46E-08	6.22E-08	3.71E-08	7.05E-09	4.41E-08
4350	623756.37	4265434.76	2.41E-07	7.65E-08	3.17E-07	2.01E-07	5.73E-08	2.59E-07	4.77E-08	1.47E-08	6.23E-08	3.72E-08	7.06E-09	4.42E-08
4351	623760.23	4265425.82	2.41E-07	7.66E-08	3.18E-07	2.02E-07	5.73E-08	2.59E-07	4.77E-08	1.47E-08	6.24E-08	3.72E-08	7.07E-09	4.43E-08
4352	623764.08	4265416.88	2.41E-07	7.67E-08	3.18E-07	2.02E-07	5.74E-08	2.59E-07	4.78E-08	1.47E-08	6.25E-08	3.72E-08	7.07E-09	4.43E-08
4353	623767.94	4265407.94	2.42E-07	7.67E-08	3.18E-07	2.02E-07	5.74E-08	2.59E-07	4.78E-08	1.47E-08	6.25E-08	3.73E-08	7.08E-09	4.43E-08
4354	623771.79	4265399	2.42E-07	7.67E-08	3.18E-07	2.02E-07	5.74E-08	2.59E-07	4.78E-08	1.47E-08	6.25E-08	3.73E-08	7.08E-09	4.44E-08
4355	623775.65	4265390.05	2.42E-07	7.67E-08	3.18E-07	2.02E-07	5.75E-08	2.59E-07	4.78E-08	1.47E-08	6.25E-08	3.73E-08	7.08E-09	4.44E-08
4356	623779.5	4265381.11	2.42E-07	7.67E-08	3.18E-07	2.02E-07	5.75E-08	2.59E-07	4.78E-08	1.47E-08	6.25E-08	3.73E-08	7.08E-09	4.44E-08
4357	623783.36	4265372.17	2.42E-07	7.67E-08	3.18E-07	2.02E-07	5.74E-08	2.59E-07	4.78E-08	1.47E-08	6.25E-08	3.73E-08	7.08E-09	4.43E-08
4358	623787.21	4265363.23	2.41E-07	7.66E-08	3.18E-07	2.02E-07	5.74E-08	2.59E-07	4.78E-08	1.47E-08	6.24E-08	3.72E-08	7.07E-09	4.43E-08
4359	623791.07	4265354.29	2.41E-07	7.65E-08	3.17E-07	2.01E-07	5.73E-08	2.59E-07	4.77E-08	1.47E-08	6.23E-08	3.72E-08	7.06E-09	4.42E-08
4360	623794.92	4265345.34	2.40E-07	7.64E-08	3.17E-07	2.01E-07	5.72E-08	2.58E-07	4.76E-08	1.46E-08	6.22E-08	3.71E-08	7.05E-09	4.42E-08
4361	623798.78	4265336.4	2.40E-07	7.62E-08	3.16E-07	2.01E-07	5.70E-08	2.58E-07	4.75E-08	1.46E-08	6.21E-08	3.70E-08	7.03E-09	4.40E-08
4362	623802.63	4265327.46	2.39E-07	7.60E-08	3.15E-07	2.00E-07	5.69E-08	2.57E-07	4.74E-08	1.46E-08	6.19E-08	3.69E-08	7.01E-09	4.39E-08

4363	623806.49	4265318.52	2.39E-07	7.58E-08	3.14E-07	1.99E-07	5.67E-08	2.56E-07	4.72E-08	1.45E-08	6.17E-08	3.68E-08	6.99E-09	4.38E-08
4364	623810.34	4265309.58	2.38E-07	7.55E-08	3.13E-07	1.99E-07	5.65E-08	2.55E-07	4.71E-08	1.45E-08	6.15E-08	3.67E-08	6.97E-09	4.37E-08
4365	623814.19	4265300.63	2.37E-07	7.52E-08	3.12E-07	1.98E-07	5.63E-08	2.54E-07	4.69E-08	1.44E-08	6.13E-08	3.66E-08	6.94E-09	4.35E-08
4366	623818.05	4265291.69	2.36E-07	7.50E-08	3.11E-07	1.97E-07	5.61E-08	2.53E-07	4.67E-08	1.44E-08	6.11E-08	3.64E-08	6.92E-09	4.33E-08
4367	623821.9	4265282.75	2.35E-07	7.47E-08	3.10E-07	1.96E-07	5.59E-08	2.52E-07	4.65E-08	1.43E-08	6.08E-08	3.63E-08	6.89E-09	4.32E-08
4368	623825.76	4265273.81	2.34E-07	7.44E-08	3.09E-07	1.96E-07	5.57E-08	2.51E-07	4.63E-08	1.42E-08	6.06E-08	3.61E-08	6.86E-09	4.30E-08
4369	623829.61	4265264.87	2.33E-07	7.41E-08	3.07E-07	1.95E-07	5.54E-08	2.50E-07	4.62E-08	1.42E-08	6.03E-08	3.60E-08	6.83E-09	4.28E-08
4370	623833.47	4265255.92	2.32E-07	7.38E-08	3.06E-07	1.94E-07	5.52E-08	2.49E-07	4.60E-08	1.41E-08	6.01E-08	3.58E-08	6.81E-09	4.26E-08
4371	623837.32	4265246.98	2.31E-07	7.35E-08	3.05E-07	1.93E-07	5.50E-08	2.48E-07	4.58E-08	1.41E-08	5.99E-08	3.57E-08	6.78E-09	4.25E-08
4372	623841.18	4265238.04	2.30E-07	7.32E-08	3.04E-07	1.93E-07	5.48E-08	2.47E-07	4.56E-08	1.40E-08	5.96E-08	3.56E-08	6.75E-09	4.23E-08
4373	623845.03	4265229.1	2.30E-07	7.29E-08	3.02E-07	1.92E-07	5.46E-08	2.46E-07	4.54E-08	1.40E-08	5.94E-08	3.54E-08	6.73E-09	4.22E-08
4374	623848.89	4265220.16	2.29E-07	7.27E-08	3.01E-07	1.91E-07	5.44E-08	2.46E-07	4.53E-08	1.39E-08	5.92E-08	3.53E-08	6.71E-09	4.20E-08
4375	623852.74	4265211.21	2.28E-07	7.24E-08	3.00E-07	1.91E-07	5.42E-08	2.45E-07	4.51E-08	1.39E-08	5.90E-08	3.52E-08	6.68E-09	4.19E-08
4376	623856.6	4265202.27	2.27E-07	7.22E-08	3.00E-07	1.90E-07	5.41E-08	2.44E-07	4.50E-08	1.38E-08	5.88E-08	3.51E-08	6.66E-09	4.17E-08
4377	623860.45	4265193.33	2.27E-07	7.20E-08	2.99E-07	1.89E-07	5.39E-08	2.43E-07	4.49E-08	1.38E-08	5.87E-08	3.50E-08	6.64E-09	4.16E-08
4378	623864.31	4265184.39	2.26E-07	7.18E-08	2.98E-07	1.89E-07	5.38E-08	2.43E-07	4.48E-08	1.38E-08	5.85E-08	3.49E-08	6.63E-09	4.15E-08
4379	623868.16	4265175.45	2.26E-07	7.16E-08	2.97E-07	1.89E-07	5.36E-08	2.42E-07	4.47E-08	1.37E-08	5.84E-08	3.48E-08	6.61E-09	4.14E-08
4380	623881.06	4265162.9	2.27E-07	7.22E-08	3.00E-07	1.90E-07	5.41E-08	2.44E-07	4.50E-08	1.38E-08	5.89E-08	3.51E-08	6.67E-09	4.18E-08
4381	623890.11	4265159.3	2.30E-07	7.30E-08	3.03E-07	1.92E-07	5.47E-08	2.47E-07	4.55E-08	1.40E-08	5.95E-08	3.55E-08	6.74E-09	4.22E-08
4382	623899.16	4265155.7	2.32E-07	7.38E-08	3.06E-07	1.94E-07	5.53E-08	2.49E-07	4.60E-08	1.41E-08	6.01E-08	3.59E-08	6.81E-09	4.27E-08
4383	623908.21	4265152.1	2.35E-07	7.46E-08	3.10E-07	1.96E-07	5.59E-08	2.52E-07	4.65E-08	1.43E-08	6.08E-08	3.63E-08	6.89E-09	4.31E-08
4384	623917.25	4265148.5	2.38E-07	7.55E-08	3.13E-07	1.99E-07	5.65E-08	2.55E-07	4.71E-08	1.45E-08	6.15E-08	3.67E-08	6.97E-09	4.37E-08
4385	623926.3	4265144.9	2.41E-07	7.64E-08	3.17E-07	2.01E-07	5.72E-08	2.58E-07	4.76E-08	1.46E-08	6.23E-08	3.71E-08	7.05E-09	4.42E-08
4386	623935.35	4265141.3	2.43E-07	7.73E-08	3.21E-07	2.04E-07	5.79E-08	2.61E-07	4.82E-08	1.48E-08	6.30E-08	3.76E-08	7.14E-09	4.47E-08
4387	623944.4	4265137.7	2.46E-07	7.82E-08	3.25E-07	2.06E-07	5.86E-08	2.64E-07	4.88E-08	1.50E-08	6.37E-08	3.80E-08	7.22E-09	4.52E-08
4388	623953.45	4265134.1	2.49E-07	7.91E-08	3.28E-07	2.08E-07	5.92E-08	2.67E-07	4.93E-08	1.52E-08	6.45E-08	3.84E-08	7.30E-09	4.57E-08
4389	623962.49	4265130.5	2.52E-07	8.00E-08	3.32E-07	2.11E-07	5.99E-08	2.71E-07	4.99E-08	1.53E-08	6.52E-08	3.89E-08	7.39E-09	4.63E-08
4390	623971.54	4265126.9	2.55E-07	8.10E-08	3.36E-07	2.13E-07	6.06E-08	2.74E-07	5.05E-08	1.55E-08	6.60E-08	3.93E-08	7.47E-09	4.68E-08
4391	623980.59	4265123.3	2.58E-07	8.19E-08	3.40E-07	2.16E-07	6.13E-08	2.77E-07	5.10E-08	1.57E-08	6.67E-08	3.98E-08	7.56E-09	4.73E-08
4392	623989.64	4265119.7	2.61E-07	8.28E-08	3.44E-07	2.18E-07	6.20E-08	2.80E-07	5.16E-08	1.59E-08	6.75E-08	4.02E-08	7.64E-09	4.79E-08
4393	623998.68	4265116.1	2.64E-07	8.37E-08	3.47E-07	2.20E-07	6.27E-08	2.83E-07	5.22E-08	1.60E-08	6.82E-08	4.07E-08	7.73E-09	4.84E-08
4394	624007.73	4265112.5	2.67E-07	8.47E-08	3.51E-07	2.23E-07	6.34E-08	2.86E-07	5.28E-08	1.62E-08	6.90E-08	4.11E-08	7.81E-09	4.89E-08
4395	624016.78	4265108.9	2.69E-07	8.56E-08	3.55E-07	2.25E-07	6.41E-08	2.89E-07	5.33E-08	1.64E-08	6.97E-08	4.16E-08	7.90E-09	4.95E-08
4396	624025.83	4265105.3	2.72E-07	8.64E-08	3.59E-07	2.28E-07	6.47E-08	2.92E-07	5.39E-08	1.66E-08	7.04E-08	4.20E-08	7.98E-09	5.00E-08
4397	624034.87	4265101.7	2.75E-07	8.73E-08	3.62E-07	2.30E-07	6.54E-08	2.95E-07	5.44E-08	1.67E-08	7.11E-08	4.24E-08	8.06E-09	5.05E-08
4398	624043.92	4265098.1	2.77E-07	8.81E-08	3.66E-07	2.32E-07	6.60E-08	2.98E-07	5.49E-08	1.69E-08	7.18E-08	4.28E-08	8.13E-09	5.09E-08
4399	624052.97	4265094.5	2.80E-07	8.89E-08	3.69E-07	2.34E-07	6.66E-08	3.01E-07	5.54E-08	1.70E-08	7.24E-08	4.32E-08	8.21E-09	5.14E-08
4400	624062.02	4265090.9	2.82E-07	8.96E-08	3.72E-07	2.36E-07	6.71E-08	3.03E-07	5.59E-08	1.72E-08	7.31E-08	4.36E-08	8.27E-09	5.18E-08
4401	624071.06	4265087.3	2.84E-07	9.03E-08	3.75E-07	2.38E-07	6.76E-08	3.05E-07	5.63E-08	1.73E-08	7.36E-08	4.39E-08	8.34E-09	5.22E-08
4402	624080.11	4265083.7	2.87E-07	9.10E-08	3.78E-07	2.39E-07	6.81E-08	3.08E-07	5.67E-08	1.74E-08	7.41E-08	4.42E-08	8.40E-09	5.26E-08
4403	624089.16	4265080.1	2.88E-07	9.16E-08	3.80E-07	2.41E-07	6.86E-08	3.10E-07	5.71E-08	1.75E-08	7.46E-08	4.45E-08	8.45E-09	5.30E-08
4404	624098.21	4265076.51	2.90E-07	9.21E-08	3.82E-07	2.42E-07	6.90E-08	3.11E-07	5.74E-08	1.76E-08	7.51E-08	4.48E-08	8.50E-09	5.33E-08
4405	624107.25	4265072.91	2.91E-07	9.26E-08	3.84E-07	2.44E-07	6.93E-08	3.13E-07	5.77E-08	1.77E-08	7.54E-08	4.50E-08	8.54E-09	5.35E-08
4406	624116.3	4265069.31	2.93E-07	9.30E-08	3.86E-07	2.45E-07	6.96E-08	3.14E-07	5.80E-08	1.78E-08	7.58E-08	4.52E-08	8.58E-09	5.38E-08
4407	624125.35	4265065.71	2.94E-07	9.33E-08	3.87E-07	2.46E-07	6.99E-08	3.15E-07	5.82E-08	1.79E-08	7.60E-08	4.53E-08	8.61E-09	5.40E-08
4408	624134.4	4265062.11	2.95E-07	9.36E-08	3.88E-07	2.46E-07	7.01E-08	3.16E-07	5.83E-08	1.79E-08	7.62E-08	4.55E-08	8.63E-09	5.41E-08
4409	624143.45	4265058.51	2.95E-07	9.37E-08	3.89E-07	2.47E-07	7.02E-08	3.17E-07	5.84E-08	1.80E-08	7.64E-08	4.55E-08	8.65E-09	5.42E-08
4410	624152.49	4265054.91	2.96E-07	9.39E-08	3.89E-07	2.47E-07	7.03E-08	3.17E-07	5.85E-08	1.80E-08	7.65E-08	4.56E-08	8.66E-09	5.43E-08
4411	624161.54	4265051.31	2.96E-07	9.40E-08	3.90E-07	2.47E-07	7.04E-08	3.18E-07	5.86E-08	1.80E-08	7.66E-08	4.57E-08	8.67E-09	5.43E-08
4412	624170.59	4265047.71	2.96E-07	9.40E-08	3.90E-07	2.48E-07	7.04E-08	3.18E-07	5.86E-08	1.80E-08	7.66E-08	4.57E-08	8.68E-09	5.44E-08
4413	624179.64	4265044.11	2.96E-07	9.40E-08	3.90E-07	2.47E-07	7.04E-08	3.18E-07	5.86E-08	1.80E-08	7.66E-08	4.57E-08	8.68E-09	5.44E-08
4414	624188.68	4265040.51	2.96E-07	9.40E-08	3.90E-07	2.47E-07	7.04E-08	3.18E-07	5.86E-08	1.80E-08	7.66E-08	4.57E-08	8.67E-09	5.43E-08
4415	624197.73	4265036.91	2.96E-07	9.39E-08	3.89E-07	2.47E-07	7.03E-08	3.17E-07	5.85E-08	1.80E-08	7.65E-08	4.56E-08	8.66E-09	5.43E-08
4416	624206.78	4265033.31	2.95E-07	9.38E-08	3.89E-07	2.47E-07	7.02E-08	3.17E-07	5.85E-08	1.80E-08	7.64E-08	4.56E-08	8.66E-09	5.42E-08
4417	624215.83	4265029.71	2.95E-07	9.37E-08	3.89E-07	2.47E-07	7.02E-08	3.17E-07	5.84E-08	1.80E-08	7.64E-08	4.55E-08	8.65E-09	5.42E-08
4418	624224.87	4265026.11	2.95E-07	9.37E-08	3.89E-07	2.47E-07	7.01E-08	3.17E-07	5.84E-08	1.79E-08	7.63E-08	4.55E-08	8.65E-09	5.42E-08
4419	624233.92	4265022.51	2.95E-07	9.36E-08	3.89E-07	2.46E-07	7.01E-08	3.17E-07	5.84E-08	1.79E-08	7.63E-08	4.55E-08	8.64E-09	5.41E-08
4420	624242.97	4265018.91	2.95E-07	9.37E-08	3.89E-07	2.46E-07	7.01E-08	3.17E-07	5.84E-08	1.79E-08	7.63E-08	4.55E-08	8.64E-09	5.41E-08
4421	624252.02	4265015.31	2.95E-07	9.37E-08	3.89E-07	2.47E-07	7.02E-08	3.17E-07	5.84E-08	1.80E-08	7.64E-08	4.55E-08	8.65E-09	5.42E-08
4422	624261.06	4265011.71	2.95E-07	9.38E-08	3.89E-07	2.47E-07	7.02E-08	3.17E-07	5.85E-08	1.80E-08	7.64E-08	4.56E-08	8.66E-09	5.42E-08
4423	624270.11	4265008.11	2.96E-07	9.39E-08	3.90E-07	2.47E-07	7.03E-08	3.18E-07	5.85E-08	1.80E-08	7.65E-08	4.56E-08	8.67E-09	5.43E-08
4424	624279.16	4265004.51	2.96E-07	9.41E-08	3.90E-07	2.48E-07	7.05E-08	3.18E-07	5.87E-08	1.80E-08	7.67E-08	4.57E-08	8.68E-09	5.44E-08
4425	624288.21	4265000.91	2.97E-07	9.43E-08	3.91E-07	2.48E-07	7.06E-08	3.19E-07	5.88E-08	1.81E-08	7.68E-08	4.58E-08	8.70E-09	5.45E-08
4426	624297.25	4264997.31	2.98E-07	9.45E-08	3.92E-07	2.49E-07	7.08E-08	3.20E-07	5.89E-08	1.81E-08	7.70E-08	4.59E-08	8.73E-09	5.47E-08
4427	624306.3	4264993.71	2.99E-07	9.48E-08	3.93E-07	2.50E-07	7.10E-08	3.21E-07	5.91E-08	1.82E-08	7.73E-08	4.61E-08	8.75E-09	5.48E-08
4428	624315.35	4264990.11	2.99E-07	9.51E-08	3.95E-07	2.50E-07	7.12E-08	3.22E-07	5.93E-08	1.82E-08	7.75E-08	4.62E-08	8.78E-09	5.50E-08
4429	624324.4	4264986.51	3.00E-07	9.54E-08	3.96E-07	2.51E-07	7.14E-08	3.23E-07	5.95E-08	1.83E-08	7.78E-08	4.64E-08	8.81E-09	5.52E-08
4430	624333.45	4264982.91	3.02E-07	9.58E-08	3.97E-07	2.52E-07	7.17E-08	3.24E-07	5.97E-08	1.84E-08	7.81E-08	4.66E-08	8.84E-09	5.54E-08
4431	624342.49	4264979.31	3.03E-07	9.62E-08	3.99E-07	2.53E-07	7.20E-08	3.25E-07	6.00E-08	1.84E-08	7.84E-08	4.67E-08	8.88E-09	5.56E-08
4432	624351.54	4264975.71	3.04E-07	9.66E-08	4.01E-07	2.54E-07	7.23E-08	3.27E-07	6.02E-08	1.85E-08	7.87E-08	4.69E-08	8.91E-09	5.58E-08
4433	624360.59	4264972.11	3.05E-07	9.69E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.04E-08	1.86E-08	7.90E-08	4.71E-08	8.95E-09	5.60E-08
4434	623660	4265658.31	2.33E-07	7.39E-08	3.07E-07	1.95E-07	5.53E-08	2.50E-07	4.61E-08	1.42E-08	6.02E-08	3.59E-08	6.82E-09	4.27E-08
4435	623659.86	4265668.21	2.34E-07	7.43E-08	3.08E-07	1.96E-07	5.56E-08	2.51E-07	4.63E-08	1.42E-08	6.05E-08	3.61E-08	6.86E-09	4.30E-08
4436	623659.72	4265678.1	2.35E-07	7.47E-08	3.10E-07	1.97E-07	5.59E-08	2.52E-07	4.65E-08	1.43E-08	6.08E-08	3.63E-08	6.89E-09	4.32E-08

4437	623659.57	4265687.99	2.36E-07	7.50E-08	3.11E-07	1.97E-07	5.62E-08	2.54E-07	4.68E-08	1.44E-08	6.11E-08	3.64E-08	6.92E-09	4.34E-08
4438	623659.43	4265697.88	2.37E-07	7.54E-08	3.13E-07	1.98E-07	5.64E-08	2.55E-07	4.70E-08	1.44E-08	6.14E-08	3.66E-08	6.95E-09	4.36E-08
4439	623659.29	4265707.78	2.38E-07	7.57E-08	3.14E-07	1.99E-07	5.67E-08	2.56E-07	4.72E-08	1.45E-08	6.17E-08	3.68E-08	6.98E-09	4.38E-08
4440	623659.14	4265717.67	2.39E-07	7.60E-08	3.15E-07	2.00E-07	5.69E-08	2.57E-07	4.74E-08	1.46E-08	6.19E-08	3.69E-08	7.01E-09	4.39E-08
4441	623659	4265727.56	2.40E-07	7.63E-08	3.17E-07	2.01E-07	5.71E-08	2.58E-07	4.76E-08	1.46E-08	6.22E-08	3.71E-08	7.04E-09	4.41E-08
4442	623658.86	4265737.45	2.41E-07	7.66E-08	3.18E-07	2.02E-07	5.73E-08	2.59E-07	4.77E-08	1.47E-08	6.24E-08	3.72E-08	7.07E-09	4.43E-08
4443	623658.72	4265747.35	2.42E-07	7.69E-08	3.19E-07	2.02E-07	5.76E-08	2.60E-07	4.79E-08	1.47E-08	6.27E-08	3.74E-08	7.10E-09	4.45E-08
4444	623658.57	4265757.24	2.43E-07	7.72E-08	3.20E-07	2.03E-07	5.78E-08	2.61E-07	4.81E-08	1.48E-08	6.29E-08	3.75E-08	7.12E-09	4.46E-08
4445	623658.43	4265767.13	2.44E-07	7.75E-08	3.22E-07	2.04E-07	5.80E-08	2.62E-07	4.83E-08	1.49E-08	6.32E-08	3.77E-08	7.15E-09	4.48E-08
4446	623658.29	4265777.02	2.45E-07	7.79E-08	3.23E-07	2.05E-07	5.83E-08	2.63E-07	4.85E-08	1.49E-08	6.34E-08	3.78E-08	7.19E-09	4.50E-08
4447	623658.14	4265786.92	2.46E-07	7.82E-08	3.24E-07	2.06E-07	5.86E-08	2.64E-07	4.87E-08	1.50E-08	6.37E-08	3.80E-08	7.22E-09	4.52E-08
4448	623658	4265796.81	2.48E-07	7.86E-08	3.26E-07	2.07E-07	5.88E-08	2.66E-07	4.90E-08	1.51E-08	6.40E-08	3.82E-08	7.25E-09	4.54E-08
4449	623657.86	4265806.7	2.49E-07	7.90E-08	3.28E-07	2.08E-07	5.92E-08	2.67E-07	4.93E-08	1.51E-08	6.44E-08	3.84E-08	7.29E-09	4.57E-08
4450	623657.71	4265816.59	2.50E-07	7.95E-08	3.30E-07	2.09E-07	5.95E-08	2.69E-07	4.95E-08	1.52E-08	6.48E-08	3.86E-08	7.34E-09	4.60E-08
4451	623657.57	4265826.49	2.52E-07	8.00E-08	3.32E-07	2.10E-07	5.99E-08	2.70E-07	4.98E-08	1.53E-08	6.52E-08	3.89E-08	7.38E-09	4.62E-08
4452	623657.43	4265836.38	2.54E-07	8.05E-08	3.34E-07	2.12E-07	6.03E-08	2.72E-07	5.02E-08	1.54E-08	6.56E-08	3.91E-08	7.43E-09	4.66E-08
4453	623657.28	4265846.27	2.55E-07	8.11E-08	3.37E-07	2.13E-07	6.07E-08	2.74E-07	5.06E-08	1.55E-08	6.61E-08	3.94E-08	7.49E-09	4.69E-08
4454	623657.14	4265856.16	2.57E-07	8.18E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.10E-08	1.57E-08	6.66E-08	3.97E-08	7.55E-09	4.73E-08
4455	623657	4265866.06	2.60E-07	8.24E-08	3.42E-07	2.17E-07	6.17E-08	2.79E-07	5.14E-08	1.58E-08	6.72E-08	4.01E-08	7.61E-09	4.77E-08
4456	623656.85	4265875.95	2.62E-07	8.32E-08	3.45E-07	2.19E-07	6.23E-08	2.81E-07	5.18E-08	1.59E-08	6.78E-08	4.04E-08	7.68E-09	4.81E-08
4457	623656.71	4265885.84	2.64E-07	8.39E-08	3.48E-07	2.21E-07	6.28E-08	2.84E-07	5.23E-08	1.61E-08	6.84E-08	4.08E-08	7.75E-09	4.85E-08
4458	623656.57	4265895.73	2.67E-07	8.47E-08	3.52E-07	2.23E-07	6.34E-08	2.86E-07	5.28E-08	1.62E-08	6.90E-08	4.12E-08	7.82E-09	4.90E-08
4459	623656.43	4265905.63	2.69E-07	8.56E-08	3.55E-07	2.25E-07	6.41E-08	2.89E-07	5.33E-08	1.64E-08	6.97E-08	4.16E-08	7.90E-09	4.95E-08
4460	623656.28	4265915.52	2.72E-07	8.64E-08	3.59E-07	2.27E-07	6.47E-08	2.92E-07	5.39E-08	1.66E-08	7.04E-08	4.20E-08	7.97E-09	5.00E-08
4461	623656.14	4265925.41	2.75E-07	8.73E-08	3.62E-07	2.30E-07	6.53E-08	2.95E-07	5.44E-08	1.67E-08	7.11E-08	4.24E-08	8.05E-09	5.05E-08
4462	623656	4265935.3	2.78E-07	8.81E-08	3.66E-07	2.32E-07	6.60E-08	2.98E-07	5.49E-08	1.69E-08	7.18E-08	4.28E-08	8.13E-09	5.10E-08
4463	623655.85	4265945.2	2.80E-07	8.90E-08	3.69E-07	2.34E-07	6.66E-08	3.01E-07	5.55E-08	1.71E-08	7.25E-08	4.32E-08	8.21E-09	5.15E-08
4464	623655.71	4265955.09	2.83E-07	8.98E-08	3.73E-07	2.36E-07	6.73E-08	3.04E-07	5.60E-08	1.72E-08	7.32E-08	4.37E-08	8.29E-09	5.19E-08
4465	623655.57	4265964.98	2.85E-07	9.07E-08	3.76E-07	2.39E-07	6.79E-08	3.06E-07	5.65E-08	1.74E-08	7.39E-08	4.41E-08	8.37E-09	5.24E-08
4466	623655.42	4265974.87	2.88E-07	9.15E-08	3.79E-07	2.41E-07	6.85E-08	3.09E-07	5.70E-08	1.75E-08	7.45E-08	4.44E-08	8.44E-09	5.29E-08
4467	623638.18	4265475.55	2.05E-07	6.50E-08	2.70E-07	1.71E-07	4.87E-08	2.20E-07	4.05E-08	1.25E-08	5.30E-08	3.16E-08	6.00E-09	3.76E-08
4468	623642.08	4265466.49	2.05E-07	6.52E-08	2.70E-07	1.72E-07	4.88E-08	2.20E-07	4.06E-08	1.25E-08	5.31E-08	3.17E-08	6.01E-09	3.77E-08
4469	623645.99	4265457.42	2.06E-07	6.53E-08	2.71E-07	1.72E-07	4.89E-08	2.21E-07	4.07E-08	1.25E-08	5.32E-08	3.17E-08	6.03E-09	3.78E-08
4470	623649.9	4265448.36	2.06E-07	6.55E-08	2.72E-07	1.72E-07	4.90E-08	2.21E-07	4.08E-08	1.26E-08	5.34E-08	3.18E-08	6.05E-09	3.79E-08
4471	623653.81	4265439.29	2.07E-07	6.57E-08	2.72E-07	1.73E-07	4.92E-08	2.22E-07	4.09E-08	1.26E-08	5.35E-08	3.19E-08	6.06E-09	3.80E-08
4472	623657.72	4265430.23	2.07E-07	6.58E-08	2.73E-07	1.73E-07	4.93E-08	2.23E-07	4.10E-08	1.26E-08	5.36E-08	3.20E-08	6.08E-09	3.81E-08
4473	623661.62	4265421.16	2.08E-07	6.60E-08	2.74E-07	1.74E-07	4.94E-08	2.23E-07	4.11E-08	1.26E-08	5.38E-08	3.21E-08	6.09E-09	3.82E-08
4474	623665.53	4265412.09	2.08E-07	6.61E-08	2.74E-07	1.74E-07	4.95E-08	2.24E-07	4.12E-08	1.27E-08	5.39E-08	3.21E-08	6.10E-09	3.82E-08
4475	623669.44	4265403.03	2.09E-07	6.63E-08	2.75E-07	1.75E-07	4.96E-08	2.24E-07	4.13E-08	1.27E-08	5.40E-08	3.22E-08	6.12E-09	3.83E-08
4476	623673.35	4265393.96	2.09E-07	6.64E-08	2.76E-07	1.75E-07	4.97E-08	2.25E-07	4.14E-08	1.27E-08	5.41E-08	3.23E-08	6.13E-09	3.84E-08
4477	623677.26	4265384.9	2.10E-07	6.66E-08	2.76E-07	1.75E-07	4.98E-08	2.25E-07	4.15E-08	1.28E-08	5.42E-08	3.23E-08	6.14E-09	3.85E-08
4478	623681.16	4265375.83	2.10E-07	6.67E-08	2.77E-07	1.75E-07	4.99E-08	2.25E-07	4.16E-08	1.28E-08	5.43E-08	3.24E-08	6.15E-09	3.85E-08
4479	623685.07	4265366.77	2.10E-07	6.68E-08	2.77E-07	1.76E-07	5.00E-08	2.26E-07	4.16E-08	1.28E-08	5.44E-08	3.24E-08	6.16E-09	3.86E-08
4480	623688.98	4265357.7	2.10E-07	6.68E-08	2.77E-07	1.76E-07	5.00E-08	2.26E-07	4.16E-08	1.28E-08	5.44E-08	3.25E-08	6.17E-09	3.86E-08
4481	623692.89	4265348.64	2.10E-07	6.68E-08	2.77E-07	1.76E-07	5.00E-08	2.26E-07	4.17E-08	1.28E-08	5.45E-08	3.25E-08	6.17E-09	3.86E-08
4482	623696.8	4265339.57	2.10E-07	6.68E-08	2.77E-07	1.76E-07	5.00E-08	2.26E-07	4.17E-08	1.28E-08	5.45E-08	3.25E-08	6.17E-09	3.86E-08
4483	623700.7	4265330.5	2.10E-07	6.68E-08	2.77E-07	1.76E-07	5.00E-08	2.26E-07	4.16E-08	1.28E-08	5.44E-08	3.24E-08	6.16E-09	3.86E-08
4484	623704.61	4265321.44	2.10E-07	6.67E-08	2.77E-07	1.76E-07	4.99E-08	2.25E-07	4.16E-08	1.28E-08	5.43E-08	3.24E-08	6.15E-09	3.86E-08
4485	623708.52	4265312.37	2.10E-07	6.66E-08	2.76E-07	1.75E-07	4.98E-08	2.25E-07	4.15E-08	1.28E-08	5.43E-08	3.23E-08	6.14E-09	3.85E-08
4486	623712.43	4265303.31	2.09E-07	6.64E-08	2.76E-07	1.75E-07	4.97E-08	2.25E-07	4.14E-08	1.27E-08	5.41E-08	3.23E-08	6.13E-09	3.84E-08
4487	623716.34	4265294.24	2.09E-07	6.63E-08	2.75E-07	1.74E-07	4.96E-08	2.24E-07	4.13E-08	1.27E-08	5.40E-08	3.22E-08	6.12E-09	3.83E-08
4488	623720.25	4265285.18	2.08E-07	6.61E-08	2.74E-07	1.74E-07	4.95E-08	2.23E-07	4.12E-08	1.27E-08	5.38E-08	3.21E-08	6.10E-09	3.82E-08
4489	623724.15	4265276.11	2.07E-07	6.58E-08	2.73E-07	1.73E-07	4.93E-08	2.23E-07	4.10E-08	1.26E-08	5.36E-08	3.20E-08	6.08E-09	3.81E-08
4490	623728.06	4265267.04	2.07E-07	6.56E-08	2.72E-07	1.73E-07	4.91E-08	2.22E-07	4.09E-08	1.26E-08	5.34E-08	3.19E-08	6.05E-09	3.79E-08
4491	623731.97	4265257.98	2.06E-07	6.53E-08	2.71E-07	1.72E-07	4.89E-08	2.21E-07	4.07E-08	1.25E-08	5.32E-08	3.17E-08	6.03E-09	3.78E-08
4492	623735.88	4265248.91	2.05E-07	6.50E-08	2.70E-07	1.71E-07	4.87E-08	2.20E-07	4.05E-08	1.25E-08	5.30E-08	3.16E-08	6.00E-09	3.76E-08
4493	623739.79	4265239.85	2.04E-07	6.47E-08	2.69E-07	1.70E-07	4.85E-08	2.19E-07	4.04E-08	1.24E-08	5.28E-08	3.15E-08	5.98E-09	3.74E-08
4494	623743.69	4265230.78	2.03E-07	6.44E-08	2.67E-07	1.70E-07	4.83E-08	2.18E-07	4.02E-08	1.23E-08	5.25E-08	3.13E-08	5.95E-09	3.73E-08
4495	623747.6	4265221.72	2.02E-07	6.41E-08	2.66E-07	1.69E-07	4.80E-08	2.17E-07	4.00E-08	1.23E-08	5.23E-08	3.12E-08	5.92E-09	3.71E-08
4496	623751.51	4265212.65	2.01E-07	6.38E-08	2.65E-07	1.68E-07	4.78E-08	2.16E-07	3.98E-08	1.22E-08	5.20E-08	3.10E-08	5.89E-09	3.69E-08
4497	623755.42	4265203.59	2.00E-07	6.36E-08	2.64E-07	1.67E-07	4.76E-08	2.15E-07	3.96E-08	1.22E-08	5.18E-08	3.09E-08	5.87E-09	3.67E-08
4498	623759.33	4265194.52	1.99E-07	6.33E-08	2.63E-07	1.67E-07	4.74E-08	2.14E-07	3.94E-08	1.21E-08	5.16E-08	3.08E-08	5.84E-09	3.66E-08
4499	623763.23	4265185.45	1.98E-07	6.30E-08	2.62E-07	1.66E-07	4.72E-08	2.13E-07	3.93E-08	1.21E-08	5.14E-08	3.06E-08	5.82E-09	3.64E-08
4500	623767.14	4265176.39	1.98E-07	6.28E-08	2.60E-07	1.65E-07	4.70E-08	2.12E-07	3.91E-08	1.20E-08	5.12E-08	3.05E-08	5.79E-09	3.63E-08
4501	623771.05	4265167.32	1.97E-07	6.26E-08	2.60E-07	1.65E-07	4.68E-08	2.11E-07	3.90E-08	1.20E-08	5.10E-08	3.04E-08	5.77E-09	3.62E-08
4502	623774.96	4265158.26	1.96E-07	6.23E-08	2.59E-07	1.64E-07	4.67E-08	2.11E-07	3.89E-08	1.19E-08	5.08E-08	3.03E-08	5.75E-09	3.60E-08
4503	623778.87	4265149.19	1.96E-07	6.21E-08	2.58E-07	1.64E-07	4.65E-08	2.10E-07	3.87E-08	1.19E-08	5.06E-08	3.02E-08	5.74E-09	3.59E-08
4504	623782.77	4265140.13	1.95E-07	6.20E-08	2.57E-07	1.63E-07	4.64E-08	2.09E-07	3.86E-08	1.19E-08	5.05E-08	3.01E-08	5.72E-09	3.58E-08
4505	623786.68	4265131.06	1.95E-07	6.18E-08	2.56E-07	1.63E-07	4.63E-08	2.09E-07	3.85E-08	1.18E-08	5.04E-08	3.00E-08	5.70E-09	3.57E-08
4506	623790.59	4265121.99	1.94E-07	6.17E-08	2.56E-07	1.62E-07	4.62E-08	2.08E-07	3.84E-08	1.18E-08	5.02E-08	3.00E-08	5.69E-09	3.56E-08
4507	623794.5	4265112.93	1.94E-07	6.15E-08	2.55E-07	1.62E-07	4.61E-08	2.08E-07	3.83E-08	1.18E-08	5.01E-08	2.99E-08	5.68E-09	3.56E-08
4508	623798.41	4265103.86	1.93E-07	6.14E-08	2.55E-07	1.62E-07	4.60E-08	2.08E-07	3.83E-08	1.18E-08	5.00E-08	2.98E-08	5.67E-09	3.55E-08
4509	623811.49	4265091.15	1.95E-07	6.19E-08	2.57E-07	1.63E-07	4.64E-08	2.09E-07	3.86E-08	1.19E-08	5.05E-08	3.01E-08	5.72E-09	3.58E-08
4510	623820.66	4265087.5	1.97E-07	6.26E-08	2.60E-07	1.65E-07	4.68E-08	2.11E-07	3.90E-08	1.20E-08	5.10E-08	3.04E-08	5.77E-09	3.62E-08

4511	623829.83	4265083.85	1.99E-07	6.32E-08	2.62E-07	1.66E-07	4.73E-08	2.14E-07	3.94E-08	1.21E-08	5.15E-08	3.07E-08	5.83E-09	3.65E-08
4512	623839.01	4265080.2	2.01E-07	6.39E-08	2.65E-07	1.68E-07	4.78E-08	2.16E-07	3.98E-08	1.22E-08	5.21E-08	3.10E-08	5.90E-09	3.69E-08
4513	623848.18	4265076.55	2.03E-07	6.46E-08	2.68E-07	1.70E-07	4.83E-08	2.18E-07	4.02E-08	1.24E-08	5.26E-08	3.14E-08	5.96E-09	3.73E-08
4514	623857.35	4265072.9	2.06E-07	6.53E-08	2.71E-07	1.72E-07	4.89E-08	2.21E-07	4.07E-08	1.25E-08	5.32E-08	3.17E-08	6.02E-09	3.77E-08
4515	623866.52	4265069.25	2.08E-07	6.60E-08	2.74E-07	1.74E-07	4.94E-08	2.23E-07	4.11E-08	1.26E-08	5.38E-08	3.21E-08	6.09E-09	3.82E-08
4516	623875.7	4265065.6	2.10E-07	6.67E-08	2.77E-07	1.76E-07	5.00E-08	2.26E-07	4.16E-08	1.28E-08	5.44E-08	3.24E-08	6.16E-09	3.86E-08
4517	623884.87	4265061.95	2.13E-07	6.75E-08	2.80E-07	1.78E-07	5.05E-08	2.28E-07	4.21E-08	1.29E-08	5.50E-08	3.28E-08	6.23E-09	3.90E-08
4518	623894.04	4265058.3	2.15E-07	6.83E-08	2.83E-07	1.80E-07	5.11E-08	2.31E-07	4.25E-08	1.31E-08	5.56E-08	3.32E-08	6.30E-09	3.95E-08
4519	623903.21	4265054.65	2.17E-07	6.90E-08	2.86E-07	1.82E-07	5.17E-08	2.33E-07	4.30E-08	1.32E-08	5.63E-08	3.35E-08	6.37E-09	3.99E-08
4520	623912.39	4265051	2.20E-07	6.98E-08	2.90E-07	1.84E-07	5.23E-08	2.36E-07	4.35E-08	1.34E-08	5.69E-08	3.39E-08	6.44E-09	4.04E-08
4521	623921.56	4265047.35	2.22E-07	7.06E-08	2.93E-07	1.86E-07	5.28E-08	2.39E-07	4.40E-08	1.35E-08	5.75E-08	3.43E-08	6.51E-09	4.08E-08
4522	623930.73	4265043.7	2.25E-07	7.14E-08	2.96E-07	1.88E-07	5.34E-08	2.41E-07	4.45E-08	1.37E-08	5.82E-08	3.47E-08	6.59E-09	4.13E-08
4523	623939.91	4265040.05	2.27E-07	7.22E-08	2.99E-07	1.90E-07	5.40E-08	2.44E-07	4.50E-08	1.38E-08	5.88E-08	3.51E-08	6.66E-09	4.17E-08
4524	623949.08	4265036.4	2.30E-07	7.30E-08	3.03E-07	1.92E-07	5.47E-08	2.47E-07	4.55E-08	1.40E-08	5.95E-08	3.55E-08	6.74E-09	4.22E-08
4525	623958.25	4265032.75	2.32E-07	7.38E-08	3.06E-07	1.94E-07	5.53E-08	2.50E-07	4.60E-08	1.41E-08	6.01E-08	3.59E-08	6.81E-09	4.27E-08
4526	623967.42	4265029.1	2.35E-07	7.46E-08	3.09E-07	1.96E-07	5.59E-08	2.52E-07	4.65E-08	1.43E-08	6.08E-08	3.62E-08	6.88E-09	4.31E-08
4527	623976.6	4265025.45	2.37E-07	7.53E-08	3.13E-07	1.98E-07	5.64E-08	2.55E-07	4.70E-08	1.44E-08	6.14E-08	3.66E-08	6.95E-09	4.36E-08
4528	623985.77	4265021.8	2.40E-07	7.61E-08	3.16E-07	2.00E-07	5.70E-08	2.57E-07	4.74E-08	1.46E-08	6.20E-08	3.70E-08	7.02E-09	4.40E-08
4529	623994.94	4265018.15	2.42E-07	7.68E-08	3.19E-07	2.02E-07	5.75E-08	2.60E-07	4.79E-08	1.47E-08	6.26E-08	3.73E-08	7.09E-09	4.44E-08
4530	624004.11	4265014.5	2.44E-07	7.75E-08	3.21E-07	2.04E-07	5.80E-08	2.62E-07	4.83E-08	1.48E-08	6.31E-08	3.76E-08	7.15E-09	4.48E-08
4531	624013.29	4265010.85	2.46E-07	7.81E-08	3.24E-07	2.06E-07	5.85E-08	2.64E-07	4.87E-08	1.50E-08	6.37E-08	3.80E-08	7.21E-09	4.52E-08
4532	624022.46	4265007.21	2.48E-07	7.87E-08	3.27E-07	2.07E-07	5.90E-08	2.66E-07	4.91E-08	1.51E-08	6.42E-08	3.83E-08	7.27E-09	4.55E-08
4533	624031.63	4265003.56	2.50E-07	7.93E-08	3.29E-07	2.09E-07	5.94E-08	2.68E-07	4.94E-08	1.52E-08	6.46E-08	3.85E-08	7.32E-09	4.59E-08
4534	624040.8	4264999.91	2.51E-07	7.99E-08	3.31E-07	2.10E-07	5.98E-08	2.70E-07	4.98E-08	1.53E-08	6.51E-08	3.88E-08	7.37E-09	4.62E-08
4535	624049.98	4264996.26	2.53E-07	8.03E-08	3.33E-07	2.11E-07	6.02E-08	2.72E-07	5.01E-08	1.54E-08	6.55E-08	3.90E-08	7.41E-09	4.65E-08
4536	624059.15	4264992.61	2.54E-07	8.08E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.03E-08	1.55E-08	6.58E-08	3.92E-08	7.45E-09	4.67E-08
4537	624068.32	4264988.96	2.56E-07	8.12E-08	3.37E-07	2.14E-07	6.08E-08	2.74E-07	5.06E-08	1.55E-08	6.61E-08	3.94E-08	7.49E-09	4.69E-08
4538	624077.5	4264985.31	2.57E-07	8.15E-08	3.38E-07	2.14E-07	6.10E-08	2.75E-07	5.08E-08	1.56E-08	6.64E-08	3.96E-08	7.52E-09	4.71E-08
4539	624086.67	4264981.66	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.09E-08	1.57E-08	6.66E-08	3.97E-08	7.54E-09	4.73E-08
4540	624095.84	4264978.01	2.58E-07	8.19E-08	3.40E-07	2.16E-07	6.13E-08	2.77E-07	5.11E-08	1.57E-08	6.68E-08	3.98E-08	7.56E-09	4.74E-08
4541	624105.01	4264974.36	2.58E-07	8.20E-08	3.40E-07	2.16E-07	6.14E-08	2.77E-07	5.11E-08	1.57E-08	6.69E-08	3.99E-08	7.57E-09	4.74E-08
4542	624114.19	4264970.71	2.59E-07	8.21E-08	3.41E-07	2.16E-07	6.15E-08	2.78E-07	5.12E-08	1.57E-08	6.69E-08	3.99E-08	7.58E-09	4.75E-08
4543	624123.36	4264967.06	2.59E-07	8.22E-08	3.41E-07	2.16E-07	6.15E-08	2.78E-07	5.12E-08	1.57E-08	6.69E-08	3.99E-08	7.58E-09	4.75E-08
4544	624132.53	4264963.41	2.59E-07	8.22E-08	3.41E-07	2.16E-07	6.15E-08	2.78E-07	5.12E-08	1.57E-08	6.69E-08	3.99E-08	7.58E-09	4.75E-08
4545	624141.7	4264959.76	2.59E-07	8.21E-08	3.41E-07	2.16E-07	6.15E-08	2.78E-07	5.12E-08	1.57E-08	6.69E-08	3.99E-08	7.58E-09	4.75E-08
4546	624150.88	4264956.11	2.58E-07	8.20E-08	3.40E-07	2.16E-07	6.14E-08	2.77E-07	5.11E-08	1.57E-08	6.68E-08	3.98E-08	7.57E-09	4.74E-08
4547	624160.05	4264952.46	2.58E-07	8.18E-08	3.39E-07	2.15E-07	6.13E-08	2.77E-07	5.10E-08	1.57E-08	6.67E-08	3.98E-08	7.55E-09	4.73E-08
4548	624169.22	4264948.81	2.57E-07	8.16E-08	3.39E-07	2.15E-07	6.11E-08	2.76E-07	5.09E-08	1.56E-08	6.65E-08	3.97E-08	7.53E-09	4.72E-08
4549	624178.4	4264945.16	2.56E-07	8.15E-08	3.38E-07	2.14E-07	6.10E-08	2.75E-07	5.08E-08	1.56E-08	6.64E-08	3.96E-08	7.52E-09	4.71E-08
4550	624187.57	4264941.51	2.56E-07	8.13E-08	3.37E-07	2.14E-07	6.08E-08	2.75E-07	5.07E-08	1.56E-08	6.62E-08	3.95E-08	7.50E-09	4.70E-08
4551	624196.74	4264937.86	2.55E-07	8.11E-08	3.36E-07	2.13E-07	6.07E-08	2.74E-07	5.05E-08	1.55E-08	6.61E-08	3.94E-08	7.48E-09	4.69E-08
4552	624205.91	4264934.21	2.55E-07	8.09E-08	3.36E-07	2.13E-07	6.06E-08	2.74E-07	5.05E-08	1.55E-08	6.60E-08	3.93E-08	7.47E-09	4.68E-08
4553	624215.09	4264930.56	2.55E-07	8.08E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.04E-08	1.55E-08	6.59E-08	3.93E-08	7.46E-09	4.67E-08
4554	624224.26	4264926.91	2.54E-07	8.07E-08	3.35E-07	2.12E-07	6.04E-08	2.73E-07	5.03E-08	1.55E-08	6.58E-08	3.92E-08	7.45E-09	4.67E-08
4555	624233.43	4264923.26	2.54E-07	8.07E-08	3.35E-07	2.12E-07	6.04E-08	2.73E-07	5.03E-08	1.55E-08	6.57E-08	3.92E-08	7.45E-09	4.66E-08
4556	624242.6	4264919.61	2.54E-07	8.07E-08	3.35E-07	2.12E-07	6.04E-08	2.73E-07	5.03E-08	1.55E-08	6.57E-08	3.92E-08	7.45E-09	4.66E-08
4557	624251.78	4264915.96	2.54E-07	8.07E-08	3.35E-07	2.12E-07	6.04E-08	2.73E-07	5.03E-08	1.55E-08	6.58E-08	3.92E-08	7.45E-09	4.67E-08
4558	624260.95	4264912.31	2.54E-07	8.08E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.03E-08	1.55E-08	6.58E-08	3.92E-08	7.45E-09	4.67E-08
4559	624270.12	4264908.66	2.55E-07	8.09E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.04E-08	1.55E-08	6.59E-08	3.93E-08	7.46E-09	4.68E-08
4560	624279.3	4264905.01	2.55E-07	8.10E-08	3.36E-07	2.13E-07	6.06E-08	2.74E-07	5.05E-08	1.55E-08	6.60E-08	3.94E-08	7.48E-09	4.68E-08
4561	624288.47	4264901.36	2.56E-07	8.12E-08	3.37E-07	2.14E-07	6.08E-08	2.74E-07	5.06E-08	1.56E-08	6.61E-08	3.94E-08	7.49E-09	4.69E-08
4562	624297.64	4264897.71	2.56E-07	8.14E-08	3.38E-07	2.14E-07	6.09E-08	2.75E-07	5.07E-08	1.56E-08	6.63E-08	3.95E-08	7.51E-09	4.70E-08
4563	624306.81	4264894.06	2.57E-07	8.16E-08	3.38E-07	2.15E-07	6.11E-08	2.76E-07	5.08E-08	1.56E-08	6.65E-08	3.96E-08	7.53E-09	4.72E-08
4564	624315.99	4264890.42	2.58E-07	8.18E-08	3.39E-07	2.15E-07	6.13E-08	2.77E-07	5.10E-08	1.57E-08	6.67E-08	3.98E-08	7.55E-09	4.73E-08
4565	624325.16	4264886.77	2.58E-07	8.21E-08	3.41E-07	2.16E-07	6.15E-08	2.78E-07	5.12E-08	1.57E-08	6.69E-08	3.99E-08	7.58E-09	4.75E-08
4566	624334.33	4264883.12	2.59E-07	8.24E-08	3.42E-07	2.17E-07	6.17E-08	2.79E-07	5.14E-08	1.58E-08	6.71E-08	4.00E-08	7.60E-09	4.76E-08
4567	624343.5	4264879.47	2.60E-07	8.27E-08	3.43E-07	2.18E-07	6.19E-08	2.80E-07	5.16E-08	1.58E-08	6.74E-08	4.02E-08	7.63E-09	4.78E-08
4568	624352.68	4264875.82	2.61E-07	8.30E-08	3.45E-07	2.19E-07	6.22E-08	2.81E-07	5.18E-08	1.59E-08	6.77E-08	4.03E-08	7.66E-09	4.80E-08
4569	624361.85	4264872.17	2.62E-07	8.33E-08	3.46E-07	2.19E-07	6.24E-08	2.82E-07	5.19E-08	1.60E-08	6.79E-08	4.05E-08	7.69E-09	4.82E-08
4570	623666.41	4265176.66	1.77E-07	5.64E-08	2.34E-07	1.48E-07	4.22E-08	1.91E-07	3.51E-08	1.08E-08	4.59E-08	2.74E-08	5.20E-09	3.26E-08
4571	623670.31	4265167.62	1.77E-07	5.61E-08	2.33E-07	1.48E-07	4.20E-08	1.90E-07	3.50E-08	1.07E-08	4.57E-08	2.73E-08	5.18E-09	3.24E-08
4572	623674.2	4265158.59	1.76E-07	5.58E-08	2.32E-07	1.47E-07	4.18E-08	1.89E-07	3.48E-08	1.07E-08	4.55E-08	2.71E-08	5.15E-09	3.23E-08
4573	623678.1	4265149.56	1.75E-07	5.55E-08	2.30E-07	1.46E-07	4.16E-08	1.88E-07	3.46E-08	1.06E-08	4.53E-08	2.70E-08	5.13E-09	3.21E-08
4574	623681.99	4265140.52	1.74E-07	5.53E-08	2.29E-07	1.46E-07	4.14E-08	1.87E-07	3.45E-08	1.06E-08	4.51E-08	2.69E-08	5.10E-09	3.20E-08
4575	623685.88	4265131.49	1.73E-07	5.50E-08	2.28E-07	1.45E-07	4.12E-08	1.86E-07	3.43E-08	1.05E-08	4.49E-08	2.67E-08	5.08E-09	3.18E-08
4576	623689.78	4265122.46	1.73E-07	5.48E-08	2.27E-07	1.44E-07	4.10E-08	1.85E-07	3.42E-08	1.05E-08	4.47E-08	2.66E-08	5.06E-09	3.17E-08
4577	623693.67	4265113.43	1.72E-07	5.46E-08	2.26E-07	1.44E-07	4.09E-08	1.85E-07	3.40E-08	1.05E-08	4.45E-08	2.65E-08	5.04E-09	3.16E-08
4578	623697.57	4265104.39	1.71E-07	5.44E-08	2.26E-07	1.43E-07	4.07E-08	1.84E-07	3.39E-08	1.04E-08	4.43E-08	2.64E-08	5.02E-09	3.14E-08
4579	623701.46	4265095.36	1.71E-07	5.42E-08	2.25E-07	1.43E-07	4.06E-08	1.83E-07	3.38E-08	1.04E-08	4.41E-08	2.63E-08	5.00E-09	3.13E-08
4580	623705.35	4265086.33	1.70E-07	5.40E-08	2.24E-07	1.42E-07	4.04E-08	1.82E-07	3.36E-08	1.03E-08	4.40E-08	2.62E-08	4.98E-09	3.12E-08
4581	623709.25	4265077.29	1.69E-07	5.38E-08	2.23E-07	1.42E-07	4.03E-08	1.82E-07	3.35E-08	1.03E-08	4.38E-08	2.61E-08	4.97E-09	3.11E-08
4582	623713.14	4265068.26	1.69E-07	5.37E-08	2.23E-07	1.41E-07	4.02E-08	1.81E-07	3.34E-08	1.03E-08	4.37E-08	2.61E-08	4.95E-09	3.10E-08
4583	623717.04	4265059.23	1.69E-07	5.35E-08	2.22E-07	1.41E-07	4.01E-08	1.81E-07	3.34E-08	1.03E-08	4.36E-08	2.60E-08	4.94E-09	3.10E-08
4584	623720.93	4265050.19	1.68E-07	5.34E-08	2.22E-07	1.41E-07	4.00E-08	1.81E-07	3.33E-08	1.02E-08	4.35E-08	2.60E-08	4.93E-09	3.09E-08

4585	623724.82	4265041.16	1.68E-07	5.34E-08	2.21E-07	1.40E-07	3.99E-08	1.80E-07	3.33E-08	1.02E-08	4.35E-08	2.59E-08	4.92E-09	3.08E-08
4586	623728.72	4265032.13	1.68E-07	5.33E-08	2.21E-07	1.40E-07	3.99E-08	1.80E-07	3.32E-08	1.02E-08	4.34E-08	2.59E-08	4.92E-09	3.08E-08
4587	623741.75	4265019.46	1.69E-07	5.37E-08	2.23E-07	1.41E-07	4.02E-08	1.82E-07	3.35E-08	1.03E-08	4.38E-08	2.61E-08	4.96E-09	3.11E-08
4588	623750.89	4265015.82	1.71E-07	5.43E-08	2.25E-07	1.43E-07	4.06E-08	1.83E-07	3.38E-08	1.04E-08	4.42E-08	2.64E-08	5.01E-09	3.14E-08
4589	623760.03	4265012.18	1.73E-07	5.48E-08	2.27E-07	1.44E-07	4.10E-08	1.85E-07	3.42E-08	1.05E-08	4.47E-08	2.66E-08	5.06E-09	3.17E-08
4590	623769.17	4265008.55	1.74E-07	5.54E-08	2.30E-07	1.46E-07	4.15E-08	1.87E-07	3.45E-08	1.06E-08	4.51E-08	2.69E-08	5.11E-09	3.20E-08
4591	623778.31	4265004.91	1.76E-07	5.60E-08	2.32E-07	1.47E-07	4.19E-08	1.89E-07	3.49E-08	1.07E-08	4.56E-08	2.72E-08	5.17E-09	3.24E-08
4592	623787.45	4265001.27	1.78E-07	5.66E-08	2.35E-07	1.49E-07	4.24E-08	1.91E-07	3.53E-08	1.08E-08	4.61E-08	2.75E-08	5.22E-09	3.27E-08
4593	623796.59	4264997.64	1.80E-07	5.72E-08	2.37E-07	1.51E-07	4.28E-08	1.93E-07	3.57E-08	1.10E-08	4.66E-08	2.78E-08	5.28E-09	3.31E-08
4594	623805.73	4264994	1.82E-07	5.78E-08	2.40E-07	1.52E-07	4.33E-08	1.95E-07	3.60E-08	1.11E-08	4.71E-08	2.81E-08	5.34E-09	3.34E-08
4595	623814.87	4264990.36	1.84E-07	5.84E-08	2.42E-07	1.54E-07	4.38E-08	1.98E-07	3.64E-08	1.12E-08	4.76E-08	2.84E-08	5.39E-09	3.38E-08
4596	623824.01	4264986.73	1.86E-07	5.91E-08	2.45E-07	1.56E-07	4.42E-08	2.00E-07	3.68E-08	1.13E-08	4.81E-08	2.87E-08	5.45E-09	3.42E-08
4597	623833.15	4264983.09	1.88E-07	5.97E-08	2.48E-07	1.57E-07	4.47E-08	2.02E-07	3.72E-08	1.14E-08	4.87E-08	2.90E-08	5.51E-09	3.45E-08
4598	623842.29	4264979.45	1.90E-07	6.04E-08	2.50E-07	1.59E-07	4.52E-08	2.04E-07	3.76E-08	1.16E-08	4.92E-08	2.93E-08	5.57E-09	3.49E-08
4599	623851.43	4264975.82	1.92E-07	6.10E-08	2.53E-07	1.61E-07	4.57E-08	2.06E-07	3.80E-08	1.17E-08	4.97E-08	2.96E-08	5.63E-09	3.53E-08
4600	623860.57	4264972.18	1.94E-07	6.17E-08	2.56E-07	1.62E-07	4.62E-08	2.08E-07	3.84E-08	1.18E-08	5.03E-08	3.00E-08	5.69E-09	3.57E-08
4601	623869.71	4264968.54	1.96E-07	6.23E-08	2.59E-07	1.64E-07	4.67E-08	2.11E-07	3.88E-08	1.19E-08	5.08E-08	3.03E-08	5.75E-09	3.60E-08
4602	623878.85	4264964.91	1.98E-07	6.30E-08	2.61E-07	1.66E-07	4.72E-08	2.13E-07	3.93E-08	1.21E-08	5.13E-08	3.06E-08	5.81E-09	3.64E-08
4603	623887.99	4264961.27	2.00E-07	6.36E-08	2.64E-07	1.68E-07	4.76E-08	2.15E-07	3.97E-08	1.22E-08	5.19E-08	3.09E-08	5.87E-09	3.68E-08
4604	623897.13	4264957.63	2.02E-07	6.43E-08	2.67E-07	1.69E-07	4.81E-08	2.17E-07	4.01E-08	1.23E-08	5.24E-08	3.12E-08	5.93E-09	3.72E-08
4605	623906.27	4264954	2.04E-07	6.49E-08	2.69E-07	1.71E-07	4.86E-08	2.20E-07	4.05E-08	1.24E-08	5.29E-08	3.16E-08	5.99E-09	3.75E-08
4606	623915.41	4264950.36	2.06E-07	6.56E-08	2.72E-07	1.73E-07	4.91E-08	2.22E-07	4.09E-08	1.26E-08	5.34E-08	3.19E-08	6.05E-09	3.79E-08
4607	623924.55	4264946.72	2.08E-07	6.62E-08	2.75E-07	1.74E-07	4.96E-08	2.24E-07	4.13E-08	1.27E-08	5.39E-08	3.22E-08	6.11E-09	3.83E-08
4608	623933.69	4264943.09	2.10E-07	6.68E-08	2.77E-07	1.76E-07	5.00E-08	2.26E-07	4.16E-08	1.28E-08	5.44E-08	3.25E-08	6.17E-09	3.86E-08
4609	623942.83	4264939.45	2.12E-07	6.75E-08	2.80E-07	1.78E-07	5.05E-08	2.28E-07	4.20E-08	1.29E-08	5.50E-08	3.28E-08	6.23E-09	3.90E-08
4610	623951.97	4264935.81	2.14E-07	6.81E-08	2.82E-07	1.79E-07	5.10E-08	2.30E-07	4.24E-08	1.30E-08	5.55E-08	3.31E-08	6.28E-09	3.94E-08
4611	623961.11	4264932.18	2.16E-07	6.87E-08	2.85E-07	1.81E-07	5.14E-08	2.32E-07	4.28E-08	1.32E-08	5.60E-08	3.34E-08	6.34E-09	3.97E-08
4612	623970.25	4264928.54	2.18E-07	6.92E-08	2.87E-07	1.82E-07	5.18E-08	2.34E-07	4.31E-08	1.33E-08	5.64E-08	3.36E-08	6.39E-09	4.00E-08
4613	623979.39	4264924.9	2.20E-07	6.97E-08	2.89E-07	1.84E-07	5.22E-08	2.36E-07	4.35E-08	1.34E-08	5.68E-08	3.39E-08	6.44E-09	4.03E-08
4614	623988.53	4264921.27	2.21E-07	7.02E-08	2.91E-07	1.85E-07	5.26E-08	2.37E-07	4.38E-08	1.35E-08	5.72E-08	3.41E-08	6.48E-09	4.06E-08
4615	623997.67	4264917.63	2.23E-07	7.07E-08	2.93E-07	1.86E-07	5.29E-08	2.39E-07	4.41E-08	1.35E-08	5.76E-08	3.43E-08	6.52E-09	4.09E-08
4616	624006.81	4264913.99	2.24E-07	7.11E-08	2.95E-07	1.87E-07	5.32E-08	2.40E-07	4.43E-08	1.36E-08	5.79E-08	3.45E-08	6.56E-09	4.11E-08
4617	624015.95	4264910.36	2.25E-07	7.15E-08	2.97E-07	1.88E-07	5.35E-08	2.42E-07	4.46E-08	1.37E-08	5.82E-08	3.47E-08	6.60E-09	4.13E-08
4618	624025.09	4264906.72	2.26E-07	7.18E-08	2.98E-07	1.89E-07	5.38E-08	2.43E-07	4.48E-08	1.38E-08	5.85E-08	3.49E-08	6.63E-09	4.15E-08
4619	624034.23	4264903.08	2.27E-07	7.21E-08	2.99E-07	1.90E-07	5.40E-08	2.44E-07	4.49E-08	1.38E-08	5.87E-08	3.50E-08	6.65E-09	4.17E-08
4620	624043.37	4264899.45	2.28E-07	7.23E-08	3.00E-07	1.90E-07	5.41E-08	2.44E-07	4.51E-08	1.39E-08	5.89E-08	3.51E-08	6.67E-09	4.18E-08
4621	624052.51	4264895.81	2.28E-07	7.25E-08	3.01E-07	1.91E-07	5.43E-08	2.45E-07	4.52E-08	1.39E-08	5.91E-08	3.52E-08	6.69E-09	4.19E-08
4622	624061.65	4264892.17	2.29E-07	7.26E-08	3.01E-07	1.91E-07	5.44E-08	2.46E-07	4.53E-08	1.39E-08	5.92E-08	3.53E-08	6.70E-09	4.20E-08
4623	624070.79	4264888.54	2.29E-07	7.27E-08	3.02E-07	1.91E-07	5.44E-08	2.46E-07	4.53E-08	1.39E-08	5.92E-08	3.53E-08	6.71E-09	4.20E-08
4624	624079.93	4264884.9	2.29E-07	7.27E-08	3.02E-07	1.91E-07	5.44E-08	2.46E-07	4.53E-08	1.39E-08	5.92E-08	3.53E-08	6.71E-09	4.20E-08
4625	624089.07	4264881.26	2.29E-07	7.27E-08	3.01E-07	1.91E-07	5.44E-08	2.46E-07	4.53E-08	1.39E-08	5.92E-08	3.53E-08	6.71E-09	4.20E-08
4626	624098.21	4264877.63	2.29E-07	7.26E-08	3.01E-07	1.91E-07	5.43E-08	2.45E-07	4.52E-08	1.39E-08	5.91E-08	3.53E-08	6.70E-09	4.20E-08
4627	624107.35	4264873.99	2.28E-07	7.25E-08	3.01E-07	1.91E-07	5.42E-08	2.45E-07	4.52E-08	1.39E-08	5.90E-08	3.52E-08	6.69E-09	4.19E-08
4628	624116.49	4264870.35	2.28E-07	7.23E-08	3.00E-07	1.90E-07	5.41E-08	2.44E-07	4.51E-08	1.39E-08	5.89E-08	3.51E-08	6.67E-09	4.18E-08
4629	624125.63	4264866.72	2.27E-07	7.21E-08	2.99E-07	1.90E-07	5.40E-08	2.44E-07	4.50E-08	1.38E-08	5.88E-08	3.51E-08	6.66E-09	4.17E-08
4630	624134.77	4264863.08	2.27E-07	7.20E-08	2.99E-07	1.89E-07	5.39E-08	2.43E-07	4.48E-08	1.38E-08	5.86E-08	3.50E-08	6.64E-09	4.16E-08
4631	624143.91	4264859.44	2.26E-07	7.18E-08	2.98E-07	1.89E-07	5.37E-08	2.43E-07	4.47E-08	1.37E-08	5.85E-08	3.49E-08	6.62E-09	4.15E-08
4632	624153.05	4264855.81	2.25E-07	7.15E-08	2.97E-07	1.88E-07	5.35E-08	2.42E-07	4.46E-08	1.37E-08	5.83E-08	3.47E-08	6.60E-09	4.13E-08
4633	624162.19	4264852.17	2.24E-07	7.13E-08	2.96E-07	1.88E-07	5.34E-08	2.41E-07	4.44E-08	1.37E-08	5.81E-08	3.46E-08	6.58E-09	4.12E-08
4634	624171.33	4264848.53	2.24E-07	7.10E-08	2.95E-07	1.87E-07	5.32E-08	2.40E-07	4.43E-08	1.36E-08	5.79E-08	3.45E-08	6.56E-09	4.11E-08
4635	624180.47	4264844.9	2.23E-07	7.08E-08	2.94E-07	1.86E-07	5.30E-08	2.39E-07	4.42E-08	1.36E-08	5.77E-08	3.44E-08	6.54E-09	4.10E-08
4636	624189.61	4264841.26	2.22E-07	7.06E-08	2.93E-07	1.86E-07	5.29E-08	2.39E-07	4.40E-08	1.35E-08	5.76E-08	3.43E-08	6.52E-09	4.08E-08
4637	624198.75	4264837.62	2.22E-07	7.05E-08	2.92E-07	1.86E-07	5.28E-08	2.38E-07	4.39E-08	1.35E-08	5.74E-08	3.42E-08	6.50E-09	4.08E-08
4638	624207.89	4264833.99	2.22E-07	7.04E-08	2.92E-07	1.85E-07	5.27E-08	2.38E-07	4.38E-08	1.35E-08	5.73E-08	3.42E-08	6.49E-09	4.07E-08
4639	624217.03	4264830.35	2.21E-07	7.03E-08	2.91E-07	1.85E-07	5.26E-08	2.38E-07	4.38E-08	1.35E-08	5.73E-08	3.41E-08	6.48E-09	4.06E-08
4640	624226.17	4264826.71	2.21E-07	7.02E-08	2.91E-07	1.85E-07	5.26E-08	2.37E-07	4.38E-08	1.34E-08	5.72E-08	3.41E-08	6.48E-09	4.06E-08
4641	624235.31	4264823.08	2.21E-07	7.02E-08	2.91E-07	1.85E-07	5.25E-08	2.37E-07	4.37E-08	1.34E-08	5.72E-08	3.41E-08	6.48E-09	4.06E-08
4642	624244.45	4264819.44	2.21E-07	7.02E-08	2.91E-07	1.85E-07	5.25E-08	2.37E-07	4.37E-08	1.34E-08	5.72E-08	3.41E-08	6.48E-09	4.06E-08
4643	624253.59	4264815.8	2.21E-07	7.02E-08	2.91E-07	1.85E-07	5.26E-08	2.37E-07	4.38E-08	1.35E-08	5.72E-08	3.41E-08	6.48E-09	4.06E-08
4644	624262.73	4264812.17	2.21E-07	7.03E-08	2.92E-07	1.85E-07	5.26E-08	2.38E-07	4.38E-08	1.35E-08	5.73E-08	3.42E-08	6.49E-09	4.06E-08
4645	624271.87	4264808.53	2.22E-07	7.04E-08	2.92E-07	1.85E-07	5.27E-08	2.38E-07	4.39E-08	1.35E-08	5.74E-08	3.42E-08	6.50E-09	4.07E-08
4646	624281.01	4264804.89	2.22E-07	7.05E-08	2.93E-07	1.86E-07	5.28E-08	2.38E-07	4.40E-08	1.35E-08	5.75E-08	3.43E-08	6.51E-09	4.08E-08
4647	624290.15	4264801.26	2.23E-07	7.07E-08	2.93E-07	1.86E-07	5.29E-08	2.39E-07	4.41E-08	1.35E-08	5.76E-08	3.43E-08	6.52E-09	4.09E-08
4648	624299.29	4264797.62	2.23E-07	7.09E-08	2.94E-07	1.87E-07	5.31E-08	2.40E-07	4.42E-08	1.36E-08	5.78E-08	3.44E-08	6.54E-09	4.10E-08
4649	624308.43	4264793.98	2.24E-07	7.11E-08	2.95E-07	1.87E-07	5.32E-08	2.40E-07	4.43E-08	1.36E-08	5.79E-08	3.45E-08	6.56E-09	4.11E-08
4650	624317.57	4264790.35	2.24E-07	7.13E-08	2.96E-07	1.88E-07	5.34E-08	2.41E-07	4.44E-08	1.37E-08	5.81E-08	3.46E-08	6.58E-09	4.12E-08
4651	624326.71	4264786.71	2.25E-07	7.15E-08	2.97E-07	1.88E-07	5.35E-08	2.42E-07	4.46E-08	1.37E-08	5.83E-08	3.47E-08	6.60E-09	4.13E-08
4652	624335.85	4264783.07	2.26E-07	7.18E-08	2.98E-07	1.89E-07	5.37E-08	2.43E-07	4.47E-08	1.37E-08	5.85E-08	3.49E-08	6.62E-09	4.15E-08
4653	624344.99	4264779.44	2.27E-07	7.20E-08	2.99E-07	1.90E-07	5.39E-08	2.43E-07	4.49E-08	1.38E-08	5.87E-08	3.50E-08	6.65E-09	4.16E-08
4654	624354.13	4264775.8	2.28E-07	7.23E-08	3.00E-07	1.90E-07	5.41E-08	2.44E-07	4.51E-08	1.38E-08	5.89E-08	3.51E-08	6.67E-09	4.18E-08
4655	624363.27	4264772.16	2.28E-07	7.26E-08	3.01E-07	1.91E-07	5.43E-08	2.45E-07	4.52E-08	1.39E-08	5.91E-08	3.53E-08	6.70E-09	4.20E-08
4656	623690.25	4264940.51	1.52E-07	4.82E-08	2.00E-07	1.27E-07	3.61E-08	1.63E-07	3.00E-08	9.23E-09	3.92E-08	2.34E-08	4.44E-09	2.78E-08
4657	623699.37	4264936.88	1.53E-07	4.86E-08	2.02E-07	1.28E-07	3.64E-08	1.64E-07	3.03E-08	9.32E-09	3.96E-08	2.36E-08	4.49E-09	2.81E-08
4658	623708.48	4264933.26	1.55E-07	4.91E-08	2.04E-07	1.29E-07	3.68E-08	1.66E-07	3.06E-08	9.41E-09	4.00E-08	2.39E-08	4.53E-09	2.84E-08

4659	623717.59	4264929.63	1.56E-07	4.96E-08	2.06E-07	1.31E-07	3.71E-08	1.68E-07	3.09E-08	9.50E-09	4.04E-08	2.41E-08	4.58E-09	2.87E-08
4660	623726.71	4264926	1.58E-07	5.01E-08	2.08E-07	1.32E-07	3.75E-08	1.69E-07	3.12E-08	9.60E-09	4.08E-08	2.43E-08	4.62E-09	2.90E-08
4661	623735.82	4264922.38	1.59E-07	5.06E-08	2.10E-07	1.33E-07	3.79E-08	1.71E-07	3.16E-08	9.70E-09	4.13E-08	2.46E-08	4.67E-09	2.93E-08
4662	623744.94	4264918.75	1.61E-07	5.12E-08	2.12E-07	1.35E-07	3.83E-08	1.73E-07	3.19E-08	9.80E-09	4.17E-08	2.49E-08	4.72E-09	2.96E-08
4663	623754.05	4264915.12	1.63E-07	5.17E-08	2.14E-07	1.36E-07	3.87E-08	1.75E-07	3.22E-08	9.90E-09	4.21E-08	2.51E-08	4.77E-09	2.99E-08
4664	623763.16	4264911.5	1.65E-07	5.23E-08	2.17E-07	1.38E-07	3.91E-08	1.77E-07	3.26E-08	1.00E-08	4.26E-08	2.54E-08	4.82E-09	3.02E-08
4665	623772.28	4264907.87	1.66E-07	5.28E-08	2.19E-07	1.39E-07	3.96E-08	1.79E-07	3.29E-08	1.01E-08	4.31E-08	2.57E-08	4.88E-09	3.05E-08
4666	623781.39	4264904.25	1.68E-07	5.34E-08	2.22E-07	1.41E-07	4.00E-08	1.81E-07	3.33E-08	1.02E-08	4.35E-08	2.60E-08	4.93E-09	3.09E-08
4667	623790.51	4264900.62	1.70E-07	5.40E-08	2.24E-07	1.42E-07	4.04E-08	1.82E-07	3.36E-08	1.03E-08	4.40E-08	2.62E-08	4.98E-09	3.12E-08
4668	623799.62	4264896.99	1.72E-07	5.45E-08	2.26E-07	1.44E-07	4.08E-08	1.84E-07	3.40E-08	1.04E-08	4.44E-08	2.65E-08	5.03E-09	3.15E-08
4669	623808.73	4264893.37	1.73E-07	5.51E-08	2.29E-07	1.45E-07	4.12E-08	1.86E-07	3.43E-08	1.06E-08	4.49E-08	2.68E-08	5.08E-09	3.18E-08
4670	623817.85	4264889.74	1.75E-07	5.56E-08	2.31E-07	1.46E-07	4.17E-08	1.88E-07	3.47E-08	1.07E-08	4.53E-08	2.70E-08	5.13E-09	3.22E-08
4671	623826.96	4264886.11	1.77E-07	5.62E-08	2.33E-07	1.48E-07	4.21E-08	1.90E-07	3.50E-08	1.08E-08	4.58E-08	2.73E-08	5.19E-09	3.25E-08
4672	623836.08	4264882.49	1.79E-07	5.67E-08	2.35E-07	1.49E-07	4.25E-08	1.92E-07	3.54E-08	1.09E-08	4.62E-08	2.76E-08	5.24E-09	3.28E-08
4673	623845.19	4264878.86	1.80E-07	5.73E-08	2.38E-07	1.51E-07	4.29E-08	1.94E-07	3.57E-08	1.10E-08	4.67E-08	2.78E-08	5.29E-09	3.31E-08
4674	623854.3	4264875.24	1.82E-07	5.78E-08	2.40E-07	1.52E-07	4.33E-08	1.95E-07	3.60E-08	1.11E-08	4.71E-08	2.81E-08	5.34E-09	3.34E-08
4675	623863.42	4264871.61	1.84E-07	5.84E-08	2.42E-07	1.54E-07	4.37E-08	1.97E-07	3.64E-08	1.12E-08	4.76E-08	2.84E-08	5.39E-09	3.37E-08
4676	623872.53	4264867.98	1.85E-07	5.89E-08	2.44E-07	1.55E-07	4.41E-08	1.99E-07	3.67E-08	1.13E-08	4.80E-08	2.86E-08	5.44E-09	3.41E-08
4677	623881.64	4264864.36	1.87E-07	5.94E-08	2.46E-07	1.56E-07	4.45E-08	2.01E-07	3.70E-08	1.14E-08	4.84E-08	2.89E-08	5.48E-09	3.44E-08
4678	623890.76	4264860.73	1.89E-07	5.99E-08	2.49E-07	1.58E-07	4.49E-08	2.03E-07	3.73E-08	1.15E-08	4.88E-08	2.91E-08	5.53E-09	3.46E-08
4679	623899.87	4264857.1	1.90E-07	6.04E-08	2.51E-07	1.59E-07	4.52E-08	2.04E-07	3.77E-08	1.16E-08	4.92E-08	2.94E-08	5.58E-09	3.49E-08
4680	623908.99	4264853.48	1.92E-07	6.09E-08	2.53E-07	1.60E-07	4.56E-08	2.06E-07	3.80E-08	1.17E-08	4.96E-08	2.96E-08	5.62E-09	3.52E-08
4681	623918.1	4264849.85	1.93E-07	6.14E-08	2.55E-07	1.62E-07	4.59E-08	2.07E-07	3.82E-08	1.18E-08	5.00E-08	2.98E-08	5.66E-09	3.55E-08
4682	623927.21	4264846.22	1.95E-07	6.18E-08	2.56E-07	1.63E-07	4.63E-08	2.09E-07	3.85E-08	1.18E-08	5.04E-08	3.00E-08	5.71E-09	3.57E-08
4683	623936.33	4264842.6	1.96E-07	6.23E-08	2.58E-07	1.64E-07	4.66E-08	2.10E-07	3.88E-08	1.19E-08	5.07E-08	3.03E-08	5.75E-09	3.60E-08
4684	623945.44	4264838.97	1.97E-07	6.27E-08	2.60E-07	1.65E-07	4.69E-08	2.12E-07	3.91E-08	1.20E-08	5.11E-08	3.05E-08	5.79E-09	3.63E-08
4685	623954.56	4264835.35	1.99E-07	6.31E-08	2.62E-07	1.66E-07	4.73E-08	2.13E-07	3.93E-08	1.21E-08	5.14E-08	3.07E-08	5.83E-09	3.65E-08
4686	623963.67	4264831.72	2.00E-07	6.35E-08	2.64E-07	1.67E-07	4.76E-08	2.15E-07	3.96E-08	1.22E-08	5.18E-08	3.09E-08	5.86E-09	3.67E-08
4687	623972.78	4264828.09	2.01E-07	6.38E-08	2.65E-07	1.68E-07	4.78E-08	2.16E-07	3.98E-08	1.22E-08	5.20E-08	3.10E-08	5.89E-09	3.69E-08
4688	623981.9	4264824.47	2.02E-07	6.41E-08	2.66E-07	1.69E-07	4.80E-08	2.17E-07	4.00E-08	1.23E-08	5.23E-08	3.12E-08	5.92E-09	3.71E-08
4689	623991.01	4264820.84	2.03E-07	6.44E-08	2.67E-07	1.69E-07	4.82E-08	2.18E-07	4.01E-08	1.23E-08	5.25E-08	3.13E-08	5.94E-09	3.72E-08
4690	624000.13	4264817.21	2.03E-07	6.46E-08	2.68E-07	1.70E-07	4.84E-08	2.18E-07	4.03E-08	1.24E-08	5.26E-08	3.14E-08	5.96E-09	3.74E-08
4691	624009.24	4264813.59	2.04E-07	6.48E-08	2.69E-07	1.70E-07	4.85E-08	2.19E-07	4.04E-08	1.24E-08	5.28E-08	3.15E-08	5.98E-09	3.74E-08
4692	624018.35	4264809.96	2.04E-07	6.49E-08	2.69E-07	1.71E-07	4.86E-08	2.19E-07	4.04E-08	1.24E-08	5.29E-08	3.15E-08	5.99E-09	3.75E-08
4693	624027.47	4264806.34	2.05E-07	6.50E-08	2.70E-07	1.71E-07	4.87E-08	2.20E-07	4.05E-08	1.25E-08	5.30E-08	3.16E-08	6.00E-09	3.76E-08
4694	624036.58	4264802.71	2.05E-07	6.50E-08	2.70E-07	1.71E-07	4.87E-08	2.20E-07	4.05E-08	1.25E-08	5.30E-08	3.16E-08	6.00E-09	3.76E-08
4695	624045.69	4264799.08	2.05E-07	6.50E-08	2.70E-07	1.71E-07	4.87E-08	2.20E-07	4.05E-08	1.25E-08	5.30E-08	3.16E-08	6.00E-09	3.76E-08
4696	624054.81	4264795.46	2.04E-07	6.49E-08	2.69E-07	1.71E-07	4.86E-08	2.20E-07	4.05E-08	1.24E-08	5.29E-08	3.16E-08	5.99E-09	3.75E-08
4697	624063.92	4264791.83	2.04E-07	6.48E-08	2.69E-07	1.71E-07	4.85E-08	2.19E-07	4.04E-08	1.24E-08	5.28E-08	3.15E-08	5.98E-09	3.75E-08
4698	624073.04	4264788.2	2.04E-07	6.47E-08	2.68E-07	1.70E-07	4.84E-08	2.19E-07	4.03E-08	1.24E-08	5.27E-08	3.14E-08	5.97E-09	3.74E-08
4699	624082.15	4264784.58	2.03E-07	6.45E-08	2.68E-07	1.70E-07	4.83E-08	2.18E-07	4.02E-08	1.24E-08	5.26E-08	3.13E-08	5.95E-09	3.73E-08
4700	624091.26	4264780.95	2.03E-07	6.43E-08	2.67E-07	1.69E-07	4.82E-08	2.17E-07	4.01E-08	1.23E-08	5.24E-08	3.12E-08	5.94E-09	3.72E-08
4701	624100.38	4264777.33	2.02E-07	6.41E-08	2.66E-07	1.69E-07	4.80E-08	2.17E-07	3.99E-08	1.23E-08	5.22E-08	3.11E-08	5.91E-09	3.70E-08
4702	624109.49	4264773.7	2.01E-07	6.38E-08	2.65E-07	1.68E-07	4.78E-08	2.16E-07	3.98E-08	1.22E-08	5.20E-08	3.10E-08	5.89E-09	3.69E-08
4703	624118.61	4264770.07	2.00E-07	6.36E-08	2.64E-07	1.67E-07	4.76E-08	2.15E-07	3.96E-08	1.22E-08	5.18E-08	3.09E-08	5.87E-09	3.68E-08
4704	624127.72	4264766.45	1.99E-07	6.34E-08	2.63E-07	1.67E-07	4.74E-08	2.14E-07	3.95E-08	1.21E-08	5.16E-08	3.08E-08	5.85E-09	3.66E-08
4705	624136.83	4264762.82	1.99E-07	6.31E-08	2.62E-07	1.66E-07	4.73E-08	2.13E-07	3.93E-08	1.21E-08	5.14E-08	3.07E-08	5.83E-09	3.65E-08
4706	624145.95	4264759.19	1.98E-07	6.29E-08	2.61E-07	1.66E-07	4.71E-08	2.13E-07	3.92E-08	1.20E-08	5.12E-08	3.06E-08	5.80E-09	3.64E-08
4707	624155.06	4264755.57	1.97E-07	6.26E-08	2.60E-07	1.65E-07	4.69E-08	2.12E-07	3.90E-08	1.20E-08	5.10E-08	3.04E-08	5.78E-09	3.62E-08
4708	624164.18	4264751.94	1.97E-07	6.24E-08	2.59E-07	1.64E-07	4.67E-08	2.11E-07	3.89E-08	1.20E-08	5.09E-08	3.03E-08	5.76E-09	3.61E-08
4709	624173.29	4264748.31	1.96E-07	6.22E-08	2.58E-07	1.64E-07	4.66E-08	2.10E-07	3.88E-08	1.19E-08	5.07E-08	3.02E-08	5.74E-09	3.60E-08
4710	624182.4	4264744.69	1.95E-07	6.20E-08	2.57E-07	1.63E-07	4.65E-08	2.10E-07	3.87E-08	1.19E-08	5.06E-08	3.01E-08	5.73E-09	3.59E-08
4711	624191.52	4264741.06	1.95E-07	6.19E-08	2.57E-07	1.63E-07	4.63E-08	2.09E-07	3.86E-08	1.19E-08	5.04E-08	3.01E-08	5.71E-09	3.58E-08
4712	624200.63	4264737.44	1.95E-07	6.18E-08	2.56E-07	1.63E-07	4.63E-08	2.09E-07	3.85E-08	1.18E-08	5.03E-08	3.00E-08	5.70E-09	3.57E-08
4713	624209.74	4264733.81	1.94E-07	6.17E-08	2.56E-07	1.62E-07	4.62E-08	2.09E-07	3.85E-08	1.18E-08	5.03E-08	3.00E-08	5.69E-09	3.57E-08
4714	624218.86	4264730.18	1.94E-07	6.16E-08	2.56E-07	1.62E-07	4.62E-08	2.08E-07	3.84E-08	1.18E-08	5.02E-08	3.00E-08	5.69E-09	3.56E-08
4715	624227.97	4264726.56	1.94E-07	6.16E-08	2.56E-07	1.62E-07	4.61E-08	2.08E-07	3.84E-08	1.18E-08	5.02E-08	2.99E-08	5.69E-09	3.56E-08
4716	624237.09	4264722.93	1.94E-07	6.16E-08	2.56E-07	1.62E-07	4.61E-08	2.08E-07	3.84E-08	1.18E-08	5.02E-08	2.99E-08	5.69E-09	3.56E-08
4717	624246.2	4264719.3	1.94E-07	6.17E-08	2.56E-07	1.62E-07	4.62E-08	2.09E-07	3.84E-08	1.18E-08	5.03E-08	3.00E-08	5.69E-09	3.57E-08
4718	624255.31	4264715.68	1.94E-07	6.17E-08	2.56E-07	1.63E-07	4.62E-08	2.09E-07	3.85E-08	1.18E-08	5.03E-08	3.00E-08	5.70E-09	3.57E-08
4719	624264.43	4264712.05	1.95E-07	6.18E-08	2.57E-07	1.63E-07	4.63E-08	2.09E-07	3.85E-08	1.18E-08	5.04E-08	3.00E-08	5.71E-09	3.58E-08
4720	624273.54	4264708.43	1.95E-07	6.20E-08	2.57E-07	1.63E-07	4.64E-08	2.09E-07	3.86E-08	1.19E-08	5.05E-08	3.01E-08	5.72E-09	3.58E-08
4721	624282.66	4264704.8	1.96E-07	6.21E-08	2.58E-07	1.63E-07	4.65E-08	2.10E-07	3.87E-08	1.19E-08	5.06E-08	3.02E-08	5.73E-09	3.59E-08
4722	624291.77	4264701.17	1.96E-07	6.23E-08	2.58E-07	1.64E-07	4.66E-08	2.10E-07	3.88E-08	1.19E-08	5.07E-08	3.02E-08	5.75E-09	3.60E-08
4723	624300.88	4264697.55	1.97E-07	6.24E-08	2.59E-07	1.64E-07	4.68E-08	2.11E-07	3.89E-08	1.20E-08	5.09E-08	3.03E-08	5.76E-09	3.61E-08
4724	624310	4264693.92	1.97E-07	6.27E-08	2.60E-07	1.65E-07	4.69E-08	2.12E-07	3.91E-08	1.20E-08	5.11E-08	3.04E-08	5.78E-09	3.62E-08
4725	624319.11	4264690.29	1.98E-07	6.29E-08	2.61E-07	1.66E-07	4.71E-08	2.13E-07	3.92E-08	1.20E-08	5.12E-08	3.06E-08	5.80E-09	3.64E-08
4726	624328.23	4264686.67	1.99E-07	6.31E-08	2.62E-07	1.66E-07	4.72E-08	2.13E-07	3.93E-08	1.21E-08	5.14E-08	3.07E-08	5.82E-09	3.65E-08
4727	624337.34	4264683.04	1.99E-07	6.33E-08	2.63E-07	1.67E-07	4.74E-08	2.14E-07	3.95E-08	1.21E-08	5.16E-08	3.08E-08	5.84E-09	3.66E-08
4728	624346.45	4264679.42	2.00E-07	6.35E-08	2.64E-07	1.67E-07	4.76E-08	2.15E-07	3.96E-08	1.22E-08	5.18E-08	3.09E-08	5.86E-09	3.67E-08
4729	624355.57	4264675.79	2.01E-07	6.38E-08	2.65E-07	1.68E-07	4.78E-08	2.16E-07	3.98E-08	1.22E-08	5.20E-08	3.10E-08	5.89E-09	3.69E-08
4730	624364.68	4264672.16	2.02E-07	6.40E-08	2.66E-07	1.68E-07	4.79E-08	2.16E-07	3.99E-08	1.23E-08	5.22E-08	3.11E-08	5.91E-09	3.70E-08
4731	623702.32	4264836.27	1.47E-07	4.67E-08	1.94E-07	1.23E-07	3.50E-08	1.58E-07	2.91E-08	8.95E-09	3.81E-08	2.27E-08	4.31E-09	2.70E-08
4732	623711.41	4264832.65	1.49E-07	4.72E-08	1.96E-07	1.24E-07	3.53E-08	1.60E-07	2.94E-08	9.04E-09	3.85E-08	2.29E-08	4.35E-09	2.73E-08

4733	623720.51	4264829.03	1.50E-07	4.77E-08	1.98E-07	1.25E-07	3.57E-08	1.61E-07	2.97E-08	9.13E-09	3.88E-08	2.32E-08	4.40E-09	2.76E-08
4734	623729.6	4264825.41	1.52E-07	4.81E-08	2.00E-07	1.27E-07	3.60E-08	1.63E-07	3.00E-08	9.22E-09	3.92E-08	2.34E-08	4.44E-09	2.78E-08
4735	623738.69	4264821.8	1.53E-07	4.86E-08	2.02E-07	1.28E-07	3.64E-08	1.64E-07	3.03E-08	9.31E-09	3.96E-08	2.36E-08	4.49E-09	2.81E-08
4736	623747.78	4264818.18	1.55E-07	4.91E-08	2.04E-07	1.29E-07	3.68E-08	1.66E-07	3.06E-08	9.40E-09	4.00E-08	2.38E-08	4.53E-09	2.84E-08
4737	623756.88	4264814.56	1.56E-07	4.96E-08	2.06E-07	1.30E-07	3.71E-08	1.68E-07	3.09E-08	9.50E-09	4.04E-08	2.41E-08	4.57E-09	2.87E-08
4738	623765.97	4264810.94	1.58E-07	5.01E-08	2.08E-07	1.32E-07	3.75E-08	1.69E-07	3.12E-08	9.59E-09	4.08E-08	2.43E-08	4.62E-09	2.89E-08
4739	623775.06	4264807.32	1.59E-07	5.06E-08	2.10E-07	1.33E-07	3.79E-08	1.71E-07	3.15E-08	9.69E-09	4.12E-08	2.46E-08	4.67E-09	2.92E-08
4740	623784.16	4264803.71	1.61E-07	5.11E-08	2.12E-07	1.34E-07	3.82E-08	1.73E-07	3.18E-08	9.78E-09	4.16E-08	2.48E-08	4.71E-09	2.95E-08
4741	623793.25	4264800.09	1.62E-07	5.15E-08	2.14E-07	1.36E-07	3.86E-08	1.74E-07	3.21E-08	9.87E-09	4.20E-08	2.50E-08	4.75E-09	2.98E-08
4742	623802.34	4264796.47	1.64E-07	5.20E-08	2.16E-07	1.37E-07	3.89E-08	1.76E-07	3.24E-08	9.96E-09	4.24E-08	2.53E-08	4.80E-09	3.00E-08
4743	623811.43	4264792.85	1.65E-07	5.24E-08	2.18E-07	1.38E-07	3.93E-08	1.77E-07	3.27E-08	1.00E-08	4.27E-08	2.55E-08	4.84E-09	3.03E-08
4744	623820.53	4264789.24	1.66E-07	5.29E-08	2.19E-07	1.39E-07	3.96E-08	1.79E-07	3.30E-08	1.01E-08	4.31E-08	2.57E-08	4.88E-09	3.06E-08
4745	623829.62	4264785.62	1.68E-07	5.33E-08	2.21E-07	1.40E-07	3.99E-08	1.80E-07	3.32E-08	1.02E-08	4.34E-08	2.59E-08	4.92E-09	3.08E-08
4746	623838.71	4264782	1.69E-07	5.37E-08	2.23E-07	1.41E-07	4.02E-08	1.82E-07	3.35E-08	1.03E-08	4.38E-08	2.61E-08	4.96E-09	3.11E-08
4747	623847.8	4264778.38	1.71E-07	5.42E-08	2.25E-07	1.43E-07	4.06E-08	1.83E-07	3.38E-08	1.04E-08	4.41E-08	2.63E-08	5.00E-09	3.13E-08
4748	623856.9	4264774.76	1.72E-07	5.46E-08	2.26E-07	1.44E-07	4.09E-08	1.85E-07	3.40E-08	1.05E-08	4.45E-08	2.65E-08	5.04E-09	3.16E-08
4749	623865.99	4264771.15	1.73E-07	5.50E-08	2.28E-07	1.45E-07	4.12E-08	1.86E-07	3.43E-08	1.05E-08	4.48E-08	2.67E-08	5.07E-09	3.18E-08
4750	623875.08	4264767.53	1.74E-07	5.54E-08	2.30E-07	1.46E-07	4.15E-08	1.87E-07	3.45E-08	1.06E-08	4.51E-08	2.69E-08	5.11E-09	3.20E-08
4751	623884.18	4264763.91	1.76E-07	5.57E-08	2.31E-07	1.47E-07	4.17E-08	1.88E-07	3.47E-08	1.07E-08	4.54E-08	2.71E-08	5.14E-09	3.22E-08
4752	623893.27	4264760.29	1.77E-07	5.61E-08	2.33E-07	1.48E-07	4.20E-08	1.90E-07	3.50E-08	1.08E-08	4.57E-08	2.73E-08	5.18E-09	3.24E-08
4753	623902.36	4264756.67	1.78E-07	5.65E-08	2.34E-07	1.49E-07	4.23E-08	1.91E-07	3.52E-08	1.08E-08	4.60E-08	2.74E-08	5.21E-09	3.26E-08
4754	623911.45	4264753.06	1.79E-07	5.68E-08	2.36E-07	1.49E-07	4.25E-08	1.92E-07	3.54E-08	1.09E-08	4.63E-08	2.76E-08	5.24E-09	3.28E-08
4755	623920.55	4264749.44	1.80E-07	5.71E-08	2.37E-07	1.50E-07	4.27E-08	1.93E-07	3.56E-08	1.09E-08	4.65E-08	2.77E-08	5.27E-09	3.30E-08
4756	623929.64	4264745.82	1.81E-07	5.74E-08	2.38E-07	1.51E-07	4.29E-08	1.94E-07	3.58E-08	1.10E-08	4.67E-08	2.79E-08	5.29E-09	3.32E-08
4757	623938.73	4264742.2	1.81E-07	5.76E-08	2.39E-07	1.52E-07	4.32E-08	1.95E-07	3.59E-08	1.10E-08	4.70E-08	2.80E-08	5.32E-09	3.33E-08
4758	623947.82	4264738.59	1.82E-07	5.79E-08	2.40E-07	1.52E-07	4.33E-08	1.96E-07	3.61E-08	1.11E-08	4.72E-08	2.81E-08	5.34E-09	3.35E-08
4759	623956.92	4264734.97	1.83E-07	5.81E-08	2.41E-07	1.53E-07	4.35E-08	1.96E-07	3.62E-08	1.11E-08	4.74E-08	2.82E-08	5.36E-09	3.36E-08
4760	623966.01	4264731.35	1.84E-07	5.83E-08	2.42E-07	1.53E-07	4.37E-08	1.97E-07	3.63E-08	1.12E-08	4.75E-08	2.83E-08	5.38E-09	3.37E-08
4761	623975.1	4264727.73	1.84E-07	5.84E-08	2.42E-07	1.54E-07	4.38E-08	1.98E-07	3.64E-08	1.12E-08	4.76E-08	2.84E-08	5.39E-09	3.38E-08
4762	623984.2	4264724.11	1.84E-07	5.85E-08	2.43E-07	1.54E-07	4.38E-08	1.98E-07	3.65E-08	1.12E-08	4.77E-08	2.84E-08	5.40E-09	3.38E-08
4763	623993.29	4264720.5	1.84E-07	5.86E-08	2.43E-07	1.54E-07	4.39E-08	1.98E-07	3.65E-08	1.12E-08	4.77E-08	2.85E-08	5.41E-09	3.39E-08
4764	624002.38	4264716.88	1.85E-07	5.86E-08	2.43E-07	1.54E-07	4.39E-08	1.98E-07	3.65E-08	1.12E-08	4.77E-08	2.85E-08	5.41E-09	3.39E-08
4765	624011.47	4264713.26	1.84E-07	5.86E-08	2.43E-07	1.54E-07	4.38E-08	1.98E-07	3.65E-08	1.12E-08	4.77E-08	2.85E-08	5.40E-09	3.39E-08
4766	624020.57	4264709.64	1.84E-07	5.85E-08	2.43E-07	1.54E-07	4.38E-08	1.98E-07	3.65E-08	1.12E-08	4.77E-08	2.84E-08	5.40E-09	3.38E-08
4767	624029.66	4264706.02	1.84E-07	5.84E-08	2.42E-07	1.54E-07	4.37E-08	1.97E-07	3.64E-08	1.12E-08	4.76E-08	2.84E-08	5.39E-09	3.38E-08
4768	624038.75	4264702.41	1.83E-07	5.83E-08	2.42E-07	1.53E-07	4.36E-08	1.97E-07	3.63E-08	1.12E-08	4.75E-08	2.83E-08	5.38E-09	3.37E-08
4769	624047.84	4264698.79	1.83E-07	5.81E-08	2.41E-07	1.53E-07	4.35E-08	1.96E-07	3.62E-08	1.11E-08	4.73E-08	2.82E-08	5.36E-09	3.36E-08
4770	624056.94	4264695.17	1.82E-07	5.79E-08	2.40E-07	1.52E-07	4.33E-08	1.96E-07	3.61E-08	1.11E-08	4.72E-08	2.81E-08	5.34E-09	3.35E-08
4771	624066.03	4264691.55	1.82E-07	5.77E-08	2.39E-07	1.52E-07	4.32E-08	1.95E-07	3.59E-08	1.10E-08	4.70E-08	2.80E-08	5.32E-09	3.33E-08
4772	624075.12	4264687.94	1.81E-07	5.74E-08	2.38E-07	1.51E-07	4.30E-08	1.94E-07	3.58E-08	1.10E-08	4.68E-08	2.79E-08	5.30E-09	3.32E-08
4773	624084.22	4264684.32	1.80E-07	5.72E-08	2.37E-07	1.50E-07	4.28E-08	1.93E-07	3.56E-08	1.10E-08	4.66E-08	2.78E-08	5.27E-09	3.30E-08
4774	624093.31	4264680.7	1.79E-07	5.69E-08	2.36E-07	1.50E-07	4.26E-08	1.92E-07	3.55E-08	1.09E-08	4.64E-08	2.76E-08	5.25E-09	3.29E-08
4775	624102.4	4264677.08	1.78E-07	5.66E-08	2.35E-07	1.49E-07	4.24E-08	1.91E-07	3.53E-08	1.09E-08	4.62E-08	2.75E-08	5.23E-09	3.27E-08
4776	624111.49	4264673.46	1.78E-07	5.64E-08	2.34E-07	1.48E-07	4.22E-08	1.91E-07	3.52E-08	1.08E-08	4.60E-08	2.74E-08	5.21E-09	3.26E-08
4777	624120.59	4264669.85	1.77E-07	5.62E-08	2.33E-07	1.48E-07	4.20E-08	1.90E-07	3.50E-08	1.08E-08	4.58E-08	2.73E-08	5.18E-09	3.25E-08
4778	624129.68	4264666.23	1.76E-07	5.59E-08	2.32E-07	1.47E-07	4.19E-08	1.89E-07	3.48E-08	1.07E-08	4.56E-08	2.72E-08	5.16E-09	3.23E-08
4779	624138.77	4264662.61	1.75E-07	5.57E-08	2.31E-07	1.47E-07	4.17E-08	1.88E-07	3.47E-08	1.07E-08	4.54E-08	2.70E-08	5.14E-09	3.22E-08
4780	624147.86	4264658.99	1.75E-07	5.54E-08	2.30E-07	1.46E-07	4.15E-08	1.87E-07	3.46E-08	1.06E-08	4.52E-08	2.69E-08	5.12E-09	3.21E-08
4781	624156.96	4264655.37	1.74E-07	5.52E-08	2.29E-07	1.45E-07	4.14E-08	1.87E-07	3.44E-08	1.06E-08	4.50E-08	2.68E-08	5.10E-09	3.19E-08
4782	624166.05	4264651.76	1.73E-07	5.51E-08	2.28E-07	1.45E-07	4.12E-08	1.86E-07	3.43E-08	1.06E-08	4.49E-08	2.68E-08	5.08E-09	3.18E-08
4783	624175.14	4264648.14	1.73E-07	5.49E-08	2.28E-07	1.45E-07	4.11E-08	1.86E-07	3.42E-08	1.05E-08	4.48E-08	2.67E-08	5.07E-09	3.18E-08
4784	624184.23	4264644.52	1.73E-07	5.48E-08	2.27E-07	1.44E-07	4.10E-08	1.85E-07	3.42E-08	1.05E-08	4.47E-08	2.66E-08	5.06E-09	3.17E-08
4785	624193.33	4264640.9	1.72E-07	5.47E-08	2.27E-07	1.44E-07	4.10E-08	1.85E-07	3.41E-08	1.05E-08	4.46E-08	2.66E-08	5.05E-09	3.16E-08
4786	624202.42	4264637.29	1.72E-07	5.46E-08	2.27E-07	1.44E-07	4.09E-08	1.85E-07	3.41E-08	1.05E-08	4.45E-08	2.66E-08	5.04E-09	3.16E-08
4787	624211.51	4264633.67	1.72E-07	5.46E-08	2.27E-07	1.44E-07	4.09E-08	1.85E-07	3.40E-08	1.05E-08	4.45E-08	2.65E-08	5.04E-09	3.16E-08
4788	624220.61	4264630.05	1.72E-07	5.46E-08	2.27E-07	1.44E-07	4.09E-08	1.85E-07	3.40E-08	1.05E-08	4.45E-08	2.65E-08	5.04E-09	3.16E-08
4789	624229.7	4264626.43	1.72E-07	5.46E-08	2.27E-07	1.44E-07	4.09E-08	1.85E-07	3.40E-08	1.05E-08	4.45E-08	2.65E-08	5.04E-09	3.16E-08
4790	624238.79	4264622.81	1.72E-07	5.47E-08	2.27E-07	1.44E-07	4.09E-08	1.85E-07	3.41E-08	1.05E-08	4.45E-08	2.66E-08	5.04E-09	3.16E-08
4791	624247.88	4264619.2	1.72E-07	5.47E-08	2.27E-07	1.44E-07	4.10E-08	1.85E-07	3.41E-08	1.05E-08	4.46E-08	2.66E-08	5.05E-09	3.16E-08
4792	624256.98	4264615.58	1.73E-07	5.48E-08	2.27E-07	1.44E-07	4.10E-08	1.85E-07	3.42E-08	1.05E-08	4.47E-08	2.66E-08	5.06E-09	3.17E-08
4793	624266.07	4264611.96	1.73E-07	5.49E-08	2.28E-07	1.45E-07	4.11E-08	1.86E-07	3.42E-08	1.05E-08	4.47E-08	2.67E-08	5.07E-09	3.18E-08
4794	624275.16	4264608.34	1.73E-07	5.50E-08	2.28E-07	1.45E-07	4.12E-08	1.86E-07	3.43E-08	1.05E-08	4.49E-08	2.67E-08	5.08E-09	3.18E-08
4795	624284.25	4264604.72	1.74E-07	5.52E-08	2.29E-07	1.45E-07	4.13E-08	1.87E-07	3.44E-08	1.06E-08	4.50E-08	2.68E-08	5.09E-09	3.19E-08
4796	624293.35	4264601.11	1.74E-07	5.53E-08	2.30E-07	1.46E-07	4.14E-08	1.87E-07	3.45E-08	1.06E-08	4.51E-08	2.69E-08	5.11E-09	3.20E-08
4797	624302.44	4264597.49	1.75E-07	5.55E-08	2.30E-07	1.46E-07	4.16E-08	1.88E-07	3.46E-08	1.06E-08	4.52E-08	2.70E-08	5.12E-09	3.21E-08
4798	624311.53	4264593.87	1.75E-07	5.57E-08	2.31E-07	1.47E-07	4.17E-08	1.88E-07	3.47E-08	1.07E-08	4.54E-08	2.71E-08	5.14E-09	3.22E-08
4799	624320.63	4264590.25	1.76E-07	5.59E-08	2.32E-07	1.47E-07	4.19E-08	1.89E-07	3.49E-08	1.07E-08	4.56E-08	2.72E-08	5.16E-09	3.23E-08
4800	624329.72	4264586.64	1.77E-07	5.62E-08	2.33E-07	1.48E-07	4.20E-08	1.90E-07	3.50E-08	1.08E-08	4.58E-08	2.73E-08	5.18E-09	3.25E-08
4801	624338.81	4264583.02	1.78E-07	5.64E-08	2.34E-07	1.48E-07	4.22E-08	1.91E-07	3.51E-08	1.08E-08	4.59E-08	2.74E-08	5.20E-09	3.26E-08
4802	624347.9	4264579.4	1.78E-07	5.66E-08	2.35E-07	1.49E-07	4.24E-08	1.91E-07	3.53E-08	1.08E-08	4.61E-08	2.75E-08	5.22E-09	3.27E-08
4803	624357	4264575.78	1.79E-07	5.69E-08	2.36E-07	1.50E-07	4.26E-08	1.92E-07	3.54E-08	1.09E-08	4.63E-08	2.76E-08	5.25E-09	3.29E-08
4804	624366.09	4264572.16	1.80E-07	5.71E-08	2.37E-07	1.50E-07	4.28E-08	1.93E-07	3.56E-08	1.09E-08	4.65E-08	2.77E-08	5.27E-09	3.30E-08
4805	624362.59	4266163.45	4.14E-06	1.31E-06	5.45E-06	3.46E-06	9.84E-07	4.44E-06	8.19E-07	2.52E-07	1.07E-06	6.39E-07	1.21E-07	7.60E-07
4806	624372.48	4266163.63	4.54E-06	1.44E-06	5.99E-06	3.80E-06	1.08E-06	4.88E-06	8.99E-07	2.76E-07	1.18E-06	7.01E-07	1.33E-07	8.34E-07

4807	624382.37	4266163.81	4.96E-06	1.58E-06	6.54E-06	4.15E-06	1.18E-06	5.33E-06	9.82E-07	3.02E-07	1.28E-06	7.66E-07	1.45E-07	9.11E-07
4808	624392.26	4266163.98	5.41E-06	1.72E-06	7.13E-06	4.53E-06	1.29E-06	5.81E-06	1.07E-06	3.29E-07	1.40E-06	8.35E-07	1.59E-07	9.94E-07
4809	624402.15	4266164.16	5.91E-06	1.88E-06	7.78E-06	4.94E-06	1.40E-06	6.34E-06	1.17E-06	3.59E-07	1.53E-06	9.11E-07	1.73E-07	1.08E-06
4810	624412.04	4266164.34	6.33E-06	2.01E-06	8.34E-06	5.29E-06	1.50E-06	6.79E-06	1.25E-06	3.85E-07	1.64E-06	9.77E-07	1.85E-07	1.16E-06
4811	624421.93	4266164.51	6.59E-06	2.09E-06	8.69E-06	5.51E-06	1.57E-06	7.08E-06	1.30E-06	4.01E-07	1.71E-06	1.02E-06	1.93E-07	1.21E-06
4812	624451.59	4266165.04	7.07E-06	2.25E-06	9.32E-06	5.91E-06	1.68E-06	7.59E-06	1.40E-06	4.30E-07	1.83E-06	1.09E-06	2.07E-07	1.30E-06
4813	624461.48	4266165.22	7.33E-06	2.33E-06	9.66E-06	6.13E-06	1.74E-06	7.87E-06	1.45E-06	4.46E-07	1.90E-06	1.13E-06	2.15E-07	1.35E-06
4814	624471.37	4266165.4	7.61E-06	2.42E-06	1.00E-05	6.36E-06	1.81E-06	8.17E-06	1.51E-06	4.63E-07	1.97E-06	1.17E-06	2.23E-07	1.40E-06
4815	624481.26	4266165.57	7.75E-06	2.46E-06	1.02E-05	6.48E-06	1.84E-06	8.32E-06	1.53E-06	4.72E-07	2.01E-06	1.20E-06	2.27E-07	1.42E-06
4816	624491.15	4266165.75	7.76E-06	2.46E-06	1.02E-05	6.49E-06	1.84E-06	8.33E-06	1.54E-06	4.72E-07	2.01E-06	1.20E-06	2.27E-07	1.42E-06
4817	624501.04	4266165.93	7.75E-06	2.46E-06	1.02E-05	6.48E-06	1.84E-06	8.32E-06	1.53E-06	4.72E-07	2.01E-06	1.20E-06	2.27E-07	1.42E-06
4818	624510.93	4266166.1	7.80E-06	2.48E-06	1.03E-05	6.52E-06	1.85E-06	8.37E-06	1.54E-06	4.75E-07	2.02E-06	1.20E-06	2.29E-07	1.43E-06
4819	624520.82	4266166.28	7.93E-06	2.52E-06	1.04E-05	6.63E-06	1.88E-06	8.51E-06	1.57E-06	4.82E-07	2.05E-06	1.22E-06	2.32E-07	1.46E-06
4820	624530.71	4266166.46	8.16E-06	2.59E-06	1.07E-05	6.82E-06	1.94E-06	8.76E-06	1.61E-06	4.96E-07	2.11E-06	1.26E-06	2.39E-07	1.50E-06
4821	624540.6	4266166.63	8.34E-06	2.65E-06	1.10E-05	6.97E-06	1.98E-06	8.96E-06	1.65E-06	5.08E-07	2.16E-06	1.29E-06	2.45E-07	1.53E-06
4822	624550.49	4266166.81	8.35E-06	2.65E-06	1.10E-05	6.98E-06	1.99E-06	8.96E-06	1.65E-06	5.08E-07	2.16E-06	1.29E-06	2.45E-07	1.53E-06
4823	624560.38	4266166.99	8.26E-06	2.62E-06	1.09E-05	6.91E-06	1.96E-06	8.87E-06	1.64E-06	5.03E-07	2.14E-06	1.28E-06	2.42E-07	1.52E-06
4824	624570.27	4266167.16	8.20E-06	2.60E-06	1.08E-05	6.85E-06	1.95E-06	8.80E-06	1.62E-06	4.99E-07	2.12E-06	1.27E-06	2.40E-07	1.51E-06
4825	624580.15	4266167.34	8.21E-06	2.61E-06	1.08E-05	6.86E-06	1.95E-06	8.81E-06	1.62E-06	4.99E-07	2.12E-06	1.27E-06	2.40E-07	1.51E-06
4826	624590.04	4266167.52	8.33E-06	2.64E-06	1.10E-05	6.96E-06	1.98E-06	8.94E-06	1.65E-06	5.07E-07	2.16E-06	1.29E-06	2.44E-07	1.53E-06
4827	624599.93	4266167.69	8.45E-06	2.68E-06	1.11E-05	7.06E-06	2.01E-06	9.07E-06	1.67E-06	5.14E-07	2.19E-06	1.30E-06	2.48E-07	1.55E-06
4828	624609.82	4266167.87	8.40E-06	2.67E-06	1.11E-05	7.02E-06	2.00E-06	9.02E-06	1.66E-06	5.11E-07	2.17E-06	1.30E-06	2.46E-07	1.54E-06
4829	624619.71	4266168.05	8.24E-06	2.62E-06	1.09E-05	6.89E-06	1.96E-06	8.85E-06	1.63E-06	5.01E-07	2.13E-06	1.27E-06	2.42E-07	1.51E-06
4830	624629.6	4266168.22	8.10E-06	2.57E-06	1.07E-05	6.77E-06	1.93E-06	8.70E-06	1.60E-06	4.93E-07	2.10E-06	1.25E-06	2.38E-07	1.49E-06
4831	624639.49	4266168.4	8.03E-06	2.55E-06	1.06E-05	6.71E-06	1.91E-06	8.62E-06	1.59E-06	4.88E-07	2.08E-06	1.24E-06	2.35E-07	1.47E-06
4832	624669.16	4266168.93	8.08E-06	2.57E-06	1.06E-05	6.75E-06	1.92E-06	8.67E-06	1.60E-06	4.92E-07	2.09E-06	1.25E-06	2.37E-07	1.48E-06
4833	624679.05	4266169.1	7.86E-06	2.49E-06	1.04E-05	6.57E-06	1.87E-06	8.43E-06	1.55E-06	4.78E-07	2.03E-06	1.21E-06	2.30E-07	1.44E-06
4834	624688.94	4266169.28	7.63E-06	2.42E-06	1.00E-05	6.38E-06	1.81E-06	8.19E-06	1.51E-06	4.64E-07	1.97E-06	1.18E-06	2.24E-07	1.40E-06
4835	624698.82	4266169.46	7.49E-06	2.38E-06	9.87E-06	6.26E-06	1.78E-06	8.04E-06	1.48E-06	4.56E-07	1.94E-06	1.16E-06	2.20E-07	1.38E-06
4836	624708.71	4266169.63	7.45E-06	2.37E-06	9.81E-06	6.23E-06	1.77E-06	8.00E-06	1.47E-06	4.53E-07	1.93E-06	1.15E-06	2.18E-07	1.37E-06
4837	624718.6	4266169.81	7.50E-06	2.38E-06	9.88E-06	6.27E-06	1.78E-06	8.05E-06	1.48E-06	4.56E-07	1.94E-06	1.16E-06	2.20E-07	1.38E-06
4838	624748.27	4266170.34	7.51E-06	2.39E-06	9.90E-06	6.28E-06	1.79E-06	8.07E-06	1.49E-06	4.57E-07	1.94E-06	1.16E-06	2.20E-07	1.38E-06
4839	624758.16	4266170.52	7.25E-06	2.30E-06	9.55E-06	6.06E-06	1.72E-06	7.78E-06	1.43E-06	4.41E-07	1.87E-06	1.12E-06	2.12E-07	1.33E-06
4840	624768.05	4266170.69	7.00E-06	2.22E-06	9.23E-06	5.85E-06	1.67E-06	7.52E-06	1.39E-06	4.26E-07	1.81E-06	1.08E-06	2.05E-07	1.29E-06
4841	624777.94	4266170.87	6.82E-06	2.17E-06	8.99E-06	5.70E-06	1.62E-06	7.32E-06	1.35E-06	4.15E-07	1.76E-06	1.05E-06	2.00E-07	1.25E-06
4842	624787.83	4266171.05	6.73E-06	2.14E-06	8.86E-06	5.62E-06	1.60E-06	7.22E-06	1.33E-06	4.09E-07	1.74E-06	1.04E-06	1.97E-07	1.23E-06
4843	624797.72	4266171.22	6.54E-06	2.08E-06	8.62E-06	5.47E-06	1.56E-06	7.03E-06	1.30E-06	3.98E-07	1.69E-06	1.01E-06	1.92E-07	1.20E-06
4844	624807.61	4266171.4	6.08E-06	1.93E-06	8.02E-06	5.09E-06	1.45E-06	6.53E-06	1.20E-06	3.70E-07	1.57E-06	9.39E-07	1.78E-07	1.12E-06
4845	624817.5	4266171.58	5.47E-06	1.74E-06	7.21E-06	4.57E-06	1.30E-06	5.87E-06	1.08E-06	3.33E-07	1.42E-06	8.44E-07	1.60E-07	1.00E-06
4846	624827.38	4266171.75	4.87E-06	1.55E-06	6.41E-06	4.07E-06	1.16E-06	5.22E-06	9.63E-07	2.96E-07	1.26E-06	7.51E-07	1.43E-07	8.93E-07
4847	624837.27	4266171.93	4.33E-06	1.38E-06	5.71E-06	3.62E-06	1.03E-06	4.65E-06	8.58E-07	2.64E-07	1.12E-06	6.69E-07	1.27E-07	7.96E-07
4848	624847.16	4266172.11	3.88E-06	1.23E-06	5.12E-06	3.25E-06	9.23E-07	4.17E-06	7.69E-07	2.36E-07	1.01E-06	5.99E-07	1.14E-07	7.13E-07
4849	624345.52	4266170.23	3.41E-06	1.08E-06	4.50E-06	2.85E-06	8.12E-07	3.67E-06	6.76E-07	2.08E-07	8.83E-07	5.27E-07	1.00E-07	6.27E-07
4850	624362.41	4266173.45	3.87E-06	1.23E-06	5.10E-06	3.23E-06	9.20E-07	4.15E-06	7.66E-07	2.35E-07	1.00E-06	5.97E-07	1.13E-07	7.10E-07
4851	624372.3	4266173.63	4.18E-06	1.33E-06	5.51E-06	3.50E-06	9.95E-07	4.49E-06	8.28E-07	2.55E-07	1.08E-06	6.45E-07	1.23E-07	7.68E-07
4852	624382.19	4266173.81	4.51E-06	1.43E-06	5.94E-06	3.77E-06	1.07E-06	4.84E-06	8.92E-07	2.74E-07	1.17E-06	6.96E-07	1.32E-07	8.28E-07
4853	624392.08	4266173.98	4.86E-06	1.55E-06	6.41E-06	4.07E-06	1.16E-06	5.22E-06	9.63E-07	2.96E-07	1.26E-06	7.51E-07	1.43E-07	8.93E-07
4854	624401.97	4266174.16	5.25E-06	1.67E-06	6.92E-06	4.39E-06	1.25E-06	5.64E-06	1.04E-06	3.20E-07	1.36E-06	8.10E-07	1.54E-07	9.64E-07
4855	624411.86	4266174.33	5.62E-06	1.78E-06	7.40E-06	4.70E-06	1.34E-06	6.03E-06	1.11E-06	3.42E-07	1.45E-06	8.67E-07	1.65E-07	1.03E-06
4856	624421.75	4266174.51	5.90E-06	1.87E-06	7.77E-06	4.93E-06	1.40E-06	6.33E-06	1.17E-06	3.59E-07	1.53E-06	9.10E-07	1.73E-07	1.08E-06
4857	624451.42	4266175.04	6.38E-06	2.02E-06	8.40E-06	5.33E-06	1.52E-06	6.85E-06	1.26E-06	3.88E-07	1.65E-06	9.84E-07	1.87E-07	1.17E-06
4858	624461.31	4266175.22	6.57E-06	2.09E-06	8.66E-06	5.49E-06	1.56E-06	7.05E-06	1.30E-06	4.00E-07	1.70E-06	1.01E-06	1.93E-07	1.21E-06
4859	624471.19	4266175.39	6.79E-06	2.16E-06	8.95E-06	5.68E-06	1.61E-06	7.29E-06	1.34E-06	4.13E-07	1.76E-06	1.05E-06	1.99E-07	1.25E-06
4860	624481.08	4266175.57	6.96E-06	2.21E-06	9.17E-06	5.82E-06	1.65E-06	7.47E-06	1.38E-06	4.23E-07	1.80E-06	1.07E-06	2.04E-07	1.28E-06
4861	624490.97	4266175.75	7.04E-06	2.23E-06	9.27E-06	5.88E-06	1.67E-06	7.55E-06	1.39E-06	4.28E-07	1.82E-06	1.09E-06	2.06E-07	1.29E-06
4862	624500.86	4266175.92	7.07E-06	2.24E-06	9.31E-06	5.91E-06	1.68E-06	7.59E-06	1.40E-06	4.30E-07	1.83E-06	1.09E-06	2.07E-07	1.30E-06
4863	624510.75	4266176.1	7.09E-06	2.25E-06	9.35E-06	5.93E-06	1.69E-06	7.62E-06	1.40E-06	4.32E-07	1.84E-06	1.09E-06	2.08E-07	1.30E-06
4864	624520.64	4266176.28	7.17E-06	2.28E-06	9.45E-06	5.99E-06	1.70E-06	7.70E-06	1.42E-06	4.36E-07	1.86E-06	1.11E-06	2.10E-07	1.32E-06
4865	624530.53	4266176.45	7.32E-06	2.32E-06	9.64E-06	6.12E-06	1.74E-06	7.86E-06	1.45E-06	4.45E-07	1.89E-06	1.13E-06	2.14E-07	1.34E-06
4866	624540.42	4266176.63	7.47E-06	2.37E-06	9.84E-06	6.24E-06	1.78E-06	8.02E-06	1.48E-06	4.54E-07	1.93E-06	1.15E-06	2.19E-07	1.37E-06
4867	624550.31	4266176.81	7.53E-06	2.39E-06	9.92E-06	6.30E-06	1.79E-06	8.09E-06	1.49E-06	4.58E-07	1.95E-06	1.16E-06	2.21E-07	1.38E-06
4868	624560.2	4266176.98	7.51E-06	2.39E-06	9.90E-06	6.28E-06	1.79E-06	8.06E-06	1.49E-06	4.57E-07	1.94E-06	1.16E-06	2.20E-07	1.38E-06
4869	624570.09	4266177.16	7.46E-06	2.37E-06	9.83E-06	6.23E-06	1.77E-06	8.01E-06	1.48E-06	4.54E-07	1.93E-06	1.15E-06	2.19E-07	1.37E-06
4870	624579.98	4266177.34	7.44E-06	2.36E-06	9.80E-06	6.22E-06	1.77E-06	7.99E-06	1.47E-06	4.53E-07	1.92E-06	1.15E-06	2.18E-07	1.37E-06
4871	624589.87	4266177.51	7.49E-06	2.38E-06	9.87E-06	6.26E-06	1.78E-06	8.05E-06	1.48E-06	4.56E-07	1.94E-06	1.16E-06	2.20E-07	1.38E-06
4872	624599.75	4266177.69	7.57E-06	2.40E-06	9.98E-06	6.33E-06	1.80E-06	8.13E-06	1.50E-06	4.61E-07	1.96E-06	1.17E-06	2.22E-07	1.39E-06
4873	624609.64	4266177.87	7.58E-06	2.41E-06	9.99E-06	6.33E-06	1.80E-06	8.14E-06	1.50E-06	4.61E-07	1.96E-06	1.17E-06	2.22E-07	1.39E-06
4874	624619.53	4266178.04	7.50E-06	2.38E-06	9.88E-06	6.27E-06	1.78E-06	8.05E-06	1.48E-06	4.56E-07	1.94E-06	1.16E-06	2.20E-07	1.38E-06
4875	624629.42	4266178.22	7.39E-06	2.35E-06	9.74E-06	6.18E-06	1.76E-06	7.93E-06	1.46E-06	4.50E-07	1.91E-06	1.14E-06	2.17E-07	1.36E-06
4876	624639.31	4266178.4	7.29E-06	2.32E-06	9.61E-06	6.10E-06	1.73E-06	7.83E-06	1.44E-06	4.44E-07	1.89E-06	1.13E-06	2.14E-07	1.34E-06
4877	624668.98	4266178.93	7.28E-06	2.31E-06	9.59E-06	6.08E-06	1.73E-06	7.81E-06	1.44E-06	4.43E-07	1.88E-06	1.12E-06	2.13E-07	1.34E-06
4878	624678.87	4266179.1	7.17E-06	2.28E-06	9.44E-06	5.99E-06	1.70E-06	7.70E-06	1.42E-06	4.36E-07	1.85E-06	1.11E-06	2.10E-07	1.32E-06
4879	624688.76	4266179.28	7.02E-06	2.23E-06	9.25E-06	5.87E-06	1.67E-06	7.53E-06	1.39E-06	4.27E-07	1.82E-06	1.08E-06	2.06E-07	1.29E-06
4880	624698.65	4266179.46	6.88E-06	2.19E-06	9.07E-06	5.75E-06	1.64E-06	7.39E-06	1.36E-06	4.19E-07	1.78E-06	1.06E-06	2.02E-07	1.26E-06

4881	624708.54	4266179.63	6.79E-06	2.16E-06	8.94E-06	5.67E-06	1.61E-06	7.29E-06	1.34E-06	4.13E-07	1.76E-06	1.05E-06	1.99E-07	1.25E-06
4882	624718.42	4266179.81	6.76E-06	2.15E-06	8.91E-06	5.65E-06	1.61E-06	7.26E-06	1.34E-06	4.11E-07	1.75E-06	1.04E-06	1.98E-07	1.24E-06
4883	624748.09	4266180.34	6.74E-06	2.14E-06	8.88E-06	5.63E-06	1.60E-06	7.24E-06	1.33E-06	4.10E-07	1.74E-06	1.04E-06	1.98E-07	1.24E-06
4884	624757.98	4266180.52	6.55E-06	2.08E-06	8.63E-06	5.47E-06	1.56E-06	7.03E-06	1.30E-06	3.99E-07	1.70E-06	1.01E-06	1.92E-07	1.20E-06
4885	624767.87	4266180.69	6.32E-06	2.01E-06	8.33E-06	5.28E-06	1.50E-06	6.78E-06	1.25E-06	3.85E-07	1.64E-06	9.75E-07	1.85E-07	1.16E-06
4886	624777.76	4266180.87	6.11E-06	1.94E-06	8.05E-06	5.11E-06	1.45E-06	6.56E-06	1.21E-06	3.72E-07	1.58E-06	9.43E-07	1.79E-07	1.12E-06
4887	624787.65	4266181.05	5.95E-06	1.89E-06	7.85E-06	4.98E-06	1.42E-06	6.39E-06	1.18E-06	3.62E-07	1.54E-06	9.19E-07	1.75E-07	1.09E-06
4888	624797.54	4266181.22	5.78E-06	1.83E-06	7.61E-06	4.83E-06	1.37E-06	6.20E-06	1.14E-06	3.52E-07	1.50E-06	8.92E-07	1.69E-07	1.06E-06
4889	624807.43	4266181.4	5.47E-06	1.74E-06	7.20E-06	4.57E-06	1.30E-06	5.87E-06	1.08E-06	3.33E-07	1.41E-06	8.44E-07	1.60E-07	1.00E-06
4890	624817.32	4266181.58	5.04E-06	1.60E-06	6.63E-06	4.21E-06	1.20E-06	5.41E-06	9.97E-07	3.06E-07	1.30E-06	7.77E-07	1.48E-07	9.25E-07
4891	624827.21	4266181.75	4.57E-06	1.45E-06	6.02E-06	3.82E-06	1.09E-06	4.90E-06	9.04E-07	2.78E-07	1.18E-06	7.05E-07	1.34E-07	8.39E-07
4892	624837.1	4266181.93	4.12E-06	1.31E-06	5.43E-06	3.45E-06	9.81E-07	4.43E-06	8.16E-07	2.51E-07	1.07E-06	6.36E-07	1.21E-07	7.57E-07
4893	624846.98	4266182.11	3.73E-06	1.18E-06	4.92E-06	3.12E-06	8.87E-07	4.01E-06	7.38E-07	2.27E-07	9.65E-07	5.76E-07	1.09E-07	6.85E-07
4894	624345.34	4266180.23	3.25E-06	1.03E-06	4.28E-06	2.72E-06	7.73E-07	3.49E-06	6.43E-07	1.98E-07	8.41E-07	5.01E-07	9.53E-08	5.97E-07
4895	624331.33	4266174.15	2.99E-06	9.51E-07	3.95E-06	2.50E-06	7.12E-07	3.21E-06	5.93E-07	1.82E-07	7.75E-07	4.62E-07	8.78E-08	5.50E-07
4896	624321.51	4266164	2.87E-06	9.11E-07	3.78E-06	2.40E-06	6.82E-07	3.08E-06	5.68E-07	1.75E-07	7.43E-07	4.43E-07	8.41E-08	5.27E-07
4897	624362.23	4266183.45	3.62E-06	1.15E-06	4.76E-06	3.02E-06	8.60E-07	3.88E-06	7.16E-07	2.20E-07	9.36E-07	5.58E-07	1.06E-07	6.64E-07
4898	624372.12	4266183.63	3.87E-06	1.23E-06	5.10E-06	3.23E-06	9.20E-07	4.15E-06	7.66E-07	2.35E-07	1.00E-06	5.97E-07	1.13E-07	7.10E-07
4899	624382.01	4266183.8	4.13E-06	1.31E-06	5.45E-06	3.45E-06	9.83E-07	4.44E-06	8.18E-07	2.51E-07	1.07E-06	6.38E-07	1.21E-07	7.59E-07
4900	624391.9	4266183.98	4.42E-06	1.40E-06	5.83E-06	3.70E-06	1.05E-06	4.75E-06	8.75E-07	2.69E-07	1.14E-06	6.82E-07	1.30E-07	8.12E-07
4901	624401.79	4266184.16	4.73E-06	1.50E-06	6.24E-06	3.96E-06	1.13E-06	5.08E-06	9.37E-07	2.88E-07	1.22E-06	7.30E-07	1.39E-07	8.69E-07
4902	624411.68	4266184.33	5.04E-06	1.60E-06	6.64E-06	4.21E-06	1.20E-06	5.41E-06	9.97E-07	3.07E-07	1.30E-06	7.78E-07	1.48E-07	9.25E-07
4903	624421.57	4266184.51	5.30E-06	1.68E-06	6.98E-06	4.43E-06	1.26E-06	5.69E-06	1.05E-06	3.22E-07	1.37E-06	8.18E-07	1.55E-07	9.73E-07
4904	624451.24	4266185.04	5.78E-06	1.83E-06	7.61E-06	4.83E-06	1.37E-06	6.20E-06	1.14E-06	3.52E-07	1.50E-06	8.92E-07	1.69E-07	1.06E-06
4905	624461.13	4266185.22	5.94E-06	1.89E-06	7.83E-06	4.96E-06	1.41E-06	6.38E-06	1.18E-06	3.61E-07	1.54E-06	9.16E-07	1.74E-07	1.09E-06
4906	624471.02	4266185.39	6.12E-06	1.94E-06	8.06E-06	5.11E-06	1.45E-06	6.57E-06	1.21E-06	3.72E-07	1.58E-06	9.44E-07	1.79E-07	1.12E-06
4907	624480.91	4266185.57	6.28E-06	1.99E-06	8.27E-06	5.25E-06	1.49E-06	6.74E-06	1.24E-06	3.82E-07	1.62E-06	9.68E-07	1.84E-07	1.15E-06
4908	624490.79	4266185.75	6.38E-06	2.03E-06	8.40E-06	5.33E-06	1.52E-06	6.85E-06	1.26E-06	3.88E-07	1.65E-06	9.84E-07	1.87E-07	1.17E-06
4909	624500.68	4266185.92	6.43E-06	2.04E-06	8.47E-06	5.37E-06	1.53E-06	6.90E-06	1.27E-06	3.91E-07	1.66E-06	9.92E-07	1.88E-07	1.18E-06
4910	624510.57	4266186.1	6.46E-06	2.05E-06	8.52E-06	5.40E-06	1.54E-06	6.94E-06	1.28E-06	3.93E-07	1.67E-06	9.97E-07	1.89E-07	1.19E-06
4911	624520.46	4266186.28	6.52E-06	2.07E-06	8.60E-06	5.45E-06	1.55E-06	7.00E-06	1.29E-06	3.97E-07	1.69E-06	1.01E-06	1.91E-07	1.20E-06
4912	624530.35	4266186.45	6.62E-06	2.10E-06	8.73E-06	5.54E-06	1.58E-06	7.11E-06	1.31E-06	4.03E-07	1.71E-06	1.02E-06	1.94E-07	1.22E-06
4913	624540.24	4266186.63	6.74E-06	2.14E-06	8.88E-06	5.63E-06	1.60E-06	7.23E-06	1.33E-06	4.10E-07	1.74E-06	1.04E-06	1.97E-07	1.24E-06
4914	624550.13	4266186.81	6.81E-06	2.16E-06	8.97E-06	5.69E-06	1.62E-06	7.31E-06	1.35E-06	4.14E-07	1.76E-06	1.05E-06	2.00E-07	1.25E-06
4915	624560.02	4266186.98	6.82E-06	2.17E-06	8.98E-06	5.70E-06	1.62E-06	7.32E-06	1.35E-06	4.15E-07	1.76E-06	1.05E-06	2.00E-07	1.25E-06
4916	624569.91	4266187.16	6.79E-06	2.16E-06	8.95E-06	5.68E-06	1.61E-06	7.29E-06	1.34E-06	4.13E-07	1.76E-06	1.05E-06	1.99E-07	1.25E-06
4917	624579.8	4266187.34	6.77E-06	2.15E-06	8.93E-06	5.66E-06	1.61E-06	7.27E-06	1.34E-06	4.12E-07	1.75E-06	1.05E-06	1.99E-07	1.24E-06
4918	624589.69	4266187.51	6.80E-06	2.16E-06	8.96E-06	5.68E-06	1.62E-06	7.30E-06	1.35E-06	4.14E-07	1.76E-06	1.05E-06	1.99E-07	1.25E-06
4919	624599.58	4266187.69	6.84E-06	2.17E-06	9.02E-06	5.72E-06	1.63E-06	7.35E-06	1.35E-06	4.16E-07	1.77E-06	1.06E-06	2.01E-07	1.26E-06
4920	624609.46	4266187.87	6.86E-06	2.18E-06	9.04E-06	5.73E-06	1.63E-06	7.36E-06	1.36E-06	4.17E-07	1.78E-06	1.06E-06	2.01E-07	1.26E-06
4921	624619.35	4266188.04	6.82E-06	2.17E-06	8.99E-06	5.70E-06	1.62E-06	7.32E-06	1.35E-06	4.15E-07	1.76E-06	1.05E-06	2.00E-07	1.25E-06
4922	624629.24	4266188.22	6.74E-06	2.14E-06	8.88E-06	5.63E-06	1.60E-06	7.23E-06	1.33E-06	4.10E-07	1.74E-06	1.04E-06	1.97E-07	1.24E-06
4923	624639.13	4266188.4	6.65E-06	2.11E-06	8.77E-06	5.56E-06	1.58E-06	7.14E-06	1.32E-06	4.05E-07	1.72E-06	1.03E-06	1.95E-07	1.22E-06
4924	624668.8	4266188.92	6.59E-06	2.09E-06	8.69E-06	5.51E-06	1.57E-06	7.08E-06	1.31E-06	4.01E-07	1.71E-06	1.02E-06	1.93E-07	1.21E-06
4925	624678.69	4266189.1	6.53E-06	2.07E-06	8.61E-06	5.46E-06	1.55E-06	7.01E-06	1.29E-06	3.98E-07	1.69E-06	1.01E-06	1.91E-07	1.20E-06
4926	624688.58	4266189.28	6.43E-06	2.04E-06	8.47E-06	5.38E-06	1.53E-06	6.90E-06	1.27E-06	3.91E-07	1.66E-06	9.92E-07	1.88E-07	1.18E-06
4927	624698.47	4266189.45	6.31E-06	2.00E-06	8.32E-06	5.28E-06	1.50E-06	6.78E-06	1.25E-06	3.84E-07	1.63E-06	9.74E-07	1.85E-07	1.16E-06
4928	624708.36	4266189.63	6.21E-06	1.97E-06	8.18E-06	5.19E-06	1.48E-06	6.66E-06	1.23E-06	3.78E-07	1.61E-06	9.58E-07	1.82E-07	1.14E-06
4929	624718.25	4266189.81	6.14E-06	1.95E-06	8.09E-06	5.13E-06	1.46E-06	6.60E-06	1.22E-06	3.74E-07	1.59E-06	9.48E-07	1.80E-07	1.13E-06
4930	624747.91	4266190.34	6.05E-06	1.92E-06	7.97E-06	5.06E-06	1.44E-06	6.50E-06	1.20E-06	3.68E-07	1.57E-06	9.34E-07	1.77E-07	1.11E-06
4931	624757.8	4266190.51	5.91E-06	1.88E-06	7.78E-06	4.94E-06	1.40E-06	6.34E-06	1.17E-06	3.59E-07	1.53E-06	9.11E-07	1.73E-07	1.08E-06
4932	624767.69	4266190.69	5.71E-06	1.81E-06	7.52E-06	4.77E-06	1.36E-06	6.13E-06	1.13E-06	3.47E-07	1.48E-06	8.81E-07	1.67E-07	1.05E-06
4933	624777.58	4266190.87	5.51E-06	1.75E-06	7.26E-06	4.60E-06	1.31E-06	5.91E-06	1.09E-06	3.35E-07	1.43E-06	8.50E-07	1.61E-07	1.01E-06
4934	624787.47	4266191.04	5.34E-06	1.70E-06	7.03E-06	4.46E-06	1.27E-06	5.73E-06	1.06E-06	3.25E-07	1.38E-06	8.24E-07	1.56E-07	9.80E-07
4935	624797.36	4266191.22	5.17E-06	1.64E-06	6.81E-06	4.32E-06	1.23E-06	5.55E-06	1.02E-06	3.14E-07	1.34E-06	7.97E-07	1.51E-07	9.48E-07
4936	624807.25	4266191.4	4.93E-06	1.57E-06	6.50E-06	4.12E-06	1.17E-06	5.29E-06	9.76E-07	3.00E-07	1.28E-06	7.61E-07	1.45E-07	9.05E-07
4937	624817.14	4266191.57	4.62E-06	1.47E-06	6.09E-06	3.86E-06	1.10E-06	4.96E-06	9.14E-07	2.81E-07	1.20E-06	7.13E-07	1.35E-07	8.48E-07
4938	624827.03	4266191.75	4.26E-06	1.35E-06	5.62E-06	3.56E-06	1.01E-06	4.58E-06	8.44E-07	2.59E-07	1.10E-06	6.58E-07	1.25E-07	7.83E-07
4939	624836.92	4266191.93	3.90E-06	1.24E-06	5.14E-06	3.26E-06	9.28E-07	4.19E-06	7.73E-07	2.38E-07	1.01E-06	6.02E-07	1.14E-07	7.17E-07
4940	624846.81	4266192.1	3.57E-06	1.13E-06	4.70E-06	2.98E-06	8.49E-07	3.83E-06	7.07E-07	2.17E-07	9.24E-07	5.51E-07	1.05E-07	6.55E-07
4941	624343.41	4266189.47	3.07E-06	9.74E-07	4.04E-06	2.56E-06	7.29E-07	3.29E-06	6.07E-07	1.87E-07	7.93E-07	4.73E-07	8.98E-08	5.63E-07
4942	624334.65	4266185.67	2.93E-06	9.31E-07	3.86E-06	2.45E-06	6.97E-07	3.15E-06	5.81E-07	1.78E-07	7.59E-07	4.53E-07	8.60E-08	5.39E-07
4943	624325.9	4266181.86	2.80E-06	8.88E-07	3.69E-06	2.34E-06	6.65E-07	3.00E-06	5.54E-07	1.70E-07	7.24E-07	4.32E-07	8.20E-08	5.14E-07
4944	624313.62	4266169.18	2.66E-06	8.46E-07	3.51E-06	2.23E-06	6.34E-07	2.86E-06	5.27E-07	1.62E-07	6.90E-07	4.11E-07	7.81E-08	4.89E-07
4945	624352.17	4266193.27	3.19E-06	1.01E-06	4.20E-06	2.66E-06	7.58E-07	3.42E-06	6.31E-07	1.94E-07	8.25E-07	4.92E-07	9.34E-08	5.85E-07
4946	624362.06	4266193.45	3.39E-06	1.08E-06	4.47E-06	2.83E-06	8.06E-07	3.64E-06	6.71E-07	2.06E-07	8.77E-07	5.23E-07	9.94E-08	6.22E-07
4947	624371.95	4266193.63	3.60E-06	1.14E-06	4.74E-06	3.01E-06	8.55E-07	3.86E-06	7.12E-07	2.19E-07	9.31E-07	5.55E-07	1.05E-07	6.61E-07
4948	624381.83	4266193.8	3.82E-06	1.21E-06	5.03E-06	3.19E-06	9.08E-07	4.10E-06	7.56E-07	2.32E-07	9.88E-07	5.89E-07	1.12E-07	7.01E-07
4949	624391.72	4266193.98	4.06E-06	1.29E-06	5.35E-06	3.39E-06	9.65E-07	4.36E-06	8.03E-07	2.47E-07	1.05E-06	6.26E-07	1.19E-07	7.45E-07
4950	624401.61	4266194.16	4.31E-06	1.37E-06	5.68E-06	3.60E-06	1.03E-06	4.63E-06	8.53E-07	2.62E-07	1.12E-06	6.65E-07	1.26E-07	7.92E-07
4951	624411.5	4266194.33	4.57E-06	1.45E-06	6.02E-06	3.82E-06	1.09E-06	4.90E-06	9.04E-07	2.78E-07	1.18E-06	7.05E-07	1.34E-07	8.39E-07
4952	624421.39	4266194.51	4.80E-06	1.52E-06	6.32E-06	4.01E-06	1.14E-06	5.15E-06	9.49E-07	2.92E-07	1.24E-06	7.40E-07	1.41E-07	8.81E-07
4953	624451.06	4266195.04	5.26E-06	1.67E-06	6.94E-06	4.40E-06	1.25E-06	5.65E-06	1.04E-06	3.20E-07	1.36E-06	8.12E-07	1.54E-07	9.66E-07
4954	624460.95	4266195.21	5.41E-06	1.72E-06	7.12E-06	4.52E-06	1.29E-06	5.80E-06	1.07E-06	3.29E-07	1.40E-06	8.34E-07	1.58E-07	9.93E-07

4955	624470.84	4266195.39	5.56E-06	1.76E-06	7.32E-06	4.65E-06	1.32E-06	5.97E-06	1.10E-06	3.38E-07	1.44E-06	8.58E-07	1.63E-07	1.02E-06
4956	624480.73	4266195.57	5.70E-06	1.81E-06	7.51E-06	4.76E-06	1.35E-06	6.12E-06	1.13E-06	3.47E-07	1.47E-06	8.79E-07	1.67E-07	1.05E-06
4957	624490.62	4266195.74	5.80E-06	1.84E-06	7.64E-06	4.85E-06	1.38E-06	6.23E-06	1.15E-06	3.53E-07	1.50E-06	8.95E-07	1.70E-07	1.07E-06
4958	624500.51	4266195.92	5.86E-06	1.86E-06	7.73E-06	4.90E-06	1.39E-06	6.30E-06	1.16E-06	3.57E-07	1.52E-06	9.05E-07	1.72E-07	1.08E-06
4959	624510.39	4266196.1	5.91E-06	1.88E-06	7.79E-06	4.94E-06	1.41E-06	6.35E-06	1.17E-06	3.60E-07	1.53E-06	9.12E-07	1.73E-07	1.09E-06
4960	624668.62	4266198.92	6.02E-06	1.91E-06	7.93E-06	5.03E-06	1.43E-06	6.46E-06	1.19E-06	3.66E-07	1.56E-06	9.28E-07	1.76E-07	1.10E-06
4961	624678.51	4266199.1	5.97E-06	1.90E-06	7.87E-06	4.99E-06	1.42E-06	6.41E-06	1.18E-06	3.63E-07	1.55E-06	9.22E-07	1.75E-07	1.10E-06
4962	624688.4	4266199.28	5.89E-06	1.87E-06	7.77E-06	4.93E-06	1.40E-06	6.33E-06	1.17E-06	3.59E-07	1.53E-06	9.10E-07	1.73E-07	1.08E-06
4963	624698.29	4266199.45	5.79E-06	1.84E-06	7.63E-06	4.84E-06	1.38E-06	6.22E-06	1.15E-06	3.53E-07	1.50E-06	8.94E-07	1.70E-07	1.06E-06
4964	624708.18	4266199.63	5.69E-06	1.81E-06	7.50E-06	4.76E-06	1.35E-06	6.11E-06	1.13E-06	3.46E-07	1.47E-06	8.79E-07	1.67E-07	1.05E-06
4965	624718.07	4266199.81	5.62E-06	1.78E-06	7.40E-06	4.70E-06	1.34E-06	6.03E-06	1.11E-06	3.42E-07	1.45E-06	8.67E-07	1.65E-07	1.03E-06
4966	624747.74	4266200.34	5.46E-06	1.74E-06	7.20E-06	4.57E-06	1.30E-06	5.87E-06	1.08E-06	3.33E-07	1.41E-06	8.43E-07	1.60E-07	1.00E-06
4967	624757.62	4266200.51	5.34E-06	1.70E-06	7.04E-06	4.46E-06	1.27E-06	5.73E-06	1.06E-06	3.25E-07	1.38E-06	8.24E-07	1.57E-07	9.81E-07
4968	624767.51	4266200.69	5.18E-06	1.64E-06	6.82E-06	4.33E-06	1.23E-06	5.56E-06	1.02E-06	3.15E-07	1.34E-06	7.99E-07	1.52E-07	9.50E-07
4969	624777.4	4266200.87	5.00E-06	1.59E-06	6.59E-06	4.18E-06	1.19E-06	5.37E-06	9.90E-07	3.04E-07	1.29E-06	7.72E-07	1.47E-07	9.19E-07
4970	624787.29	4266201.04	4.84E-06	1.54E-06	6.38E-06	4.04E-06	1.15E-06	5.19E-06	9.58E-07	2.94E-07	1.25E-06	7.47E-07	1.42E-07	8.88E-07
4971	624797.18	4266201.22	4.68E-06	1.48E-06	6.16E-06	3.91E-06	1.11E-06	5.02E-06	9.25E-07	2.84E-07	1.21E-06	7.21E-07	1.37E-07	8.58E-07
4972	624807.07	4266201.4	4.48E-06	1.42E-06	5.91E-06	3.75E-06	1.07E-06	4.81E-06	8.88E-07	2.73E-07	1.16E-06	6.92E-07	1.31E-07	8.23E-07
4973	624816.96	4266201.57	4.25E-06	1.35E-06	5.60E-06	3.55E-06	1.01E-06	4.56E-06	8.41E-07	2.58E-07	1.10E-06	6.55E-07	1.24E-07	7.80E-07
4974	624826.85	4266201.75	3.97E-06	1.26E-06	5.23E-06	3.32E-06	9.45E-07	4.26E-06	7.86E-07	2.42E-07	1.03E-06	6.13E-07	1.16E-07	7.29E-07
4975	624836.74	4266201.93	3.68E-06	1.17E-06	4.85E-06	3.08E-06	8.76E-07	3.96E-06	7.29E-07	2.24E-07	9.54E-07	5.69E-07	1.08E-07	6.77E-07
4976	624846.63	4266202.1	3.40E-06	1.08E-06	4.48E-06	2.84E-06	8.09E-07	3.65E-06	6.74E-07	2.07E-07	8.81E-07	5.25E-07	9.98E-08	6.25E-07
4977	624326.77	4266192.32	2.71E-06	8.60E-07	3.57E-06	2.26E-06	6.44E-07	2.91E-06	5.36E-07	1.65E-07	7.01E-07	4.18E-07	7.94E-08	4.97E-07
4978	624318.36	4266188.67	2.60E-06	8.24E-07	3.42E-06	2.17E-06	6.17E-07	2.79E-06	5.14E-07	1.58E-07	6.72E-07	4.00E-07	7.61E-08	4.77E-07
4979	624306.58	4266176.49	2.49E-06	7.90E-07	3.28E-06	2.08E-06	5.91E-07	2.67E-06	4.92E-07	1.51E-07	6.44E-07	3.84E-07	7.29E-08	4.57E-07
4980	624303.2	4266167.97	2.48E-06	7.89E-07	3.27E-06	2.08E-06	5.90E-07	2.67E-06	4.92E-07	1.51E-07	6.43E-07	3.83E-07	7.28E-08	4.56E-07
4981	624450.88	4266205.04	4.82E-06	1.53E-06	6.35E-06	4.03E-06	1.15E-06	5.17E-06	9.54E-07	2.93E-07	1.25E-06	7.44E-07	1.41E-07	8.85E-07
4982	624460.77	4266205.21	4.95E-06	1.57E-06	6.52E-06	4.14E-06	1.18E-06	5.31E-06	9.80E-07	3.01E-07	1.28E-06	7.64E-07	1.45E-07	9.09E-07
4983	624470.66	4266205.39	5.08E-06	1.61E-06	6.69E-06	4.25E-06	1.21E-06	5.46E-06	1.01E-06	3.09E-07	1.31E-06	7.84E-07	1.49E-07	9.33E-07
4984	624480.55	4266205.57	5.20E-06	1.65E-06	6.86E-06	4.35E-06	1.24E-06	5.59E-06	1.03E-06	3.17E-07	1.35E-06	8.03E-07	1.52E-07	9.55E-07
4985	624490.44	4266205.74	5.30E-06	1.68E-06	6.98E-06	4.43E-06	1.26E-06	5.69E-06	1.05E-06	3.23E-07	1.37E-06	8.18E-07	1.55E-07	9.73E-07
4986	624500.33	4266205.92	5.37E-06	1.71E-06	7.08E-06	4.49E-06	1.28E-06	5.77E-06	1.06E-06	3.27E-07	1.39E-06	8.29E-07	1.57E-07	9.86E-07
4987	624668.44	4266208.92	5.52E-06	1.75E-06	7.28E-06	4.62E-06	1.31E-06	5.93E-06	1.09E-06	3.36E-07	1.43E-06	8.52E-07	1.62E-07	1.01E-06
4988	624678.33	4266209.1	5.48E-06	1.74E-06	7.23E-06	4.58E-06	1.30E-06	5.89E-06	1.09E-06	3.34E-07	1.42E-06	8.46E-07	1.61E-07	1.01E-06
4989	624688.22	4266209.27	5.42E-06	1.72E-06	7.14E-06	4.53E-06	1.29E-06	5.82E-06	1.07E-06	3.30E-07	1.40E-06	8.36E-07	1.59E-07	9.95E-07
4990	624698.11	4266209.45	5.33E-06	1.69E-06	7.03E-06	4.46E-06	1.27E-06	5.73E-06	1.06E-06	3.25E-07	1.38E-06	8.23E-07	1.56E-07	9.79E-07
4991	624708	4266209.63	5.25E-06	1.67E-06	6.91E-06	4.38E-06	1.25E-06	5.63E-06	1.04E-06	3.19E-07	1.36E-06	8.09E-07	1.54E-07	9.63E-07
4992	624717.89	4266209.8	5.17E-06	1.64E-06	6.81E-06	4.32E-06	1.23E-06	5.55E-06	1.02E-06	3.14E-07	1.34E-06	7.98E-07	1.51E-07	9.49E-07
4993	624343.64	4266209.72	2.79E-06	8.85E-07	3.67E-06	2.33E-06	6.63E-07	2.99E-06	5.52E-07	1.70E-07	7.21E-07	4.30E-07	8.17E-08	5.12E-07
4994	624299.49	4266183.69	2.33E-06	7.40E-07	3.07E-06	1.95E-06	5.54E-07	2.50E-06	4.61E-07	1.42E-07	6.03E-07	3.60E-07	6.83E-08	4.28E-07
4995	624292.92	4266167.12	2.32E-06	7.37E-07	3.06E-06	1.94E-06	5.52E-07	2.49E-06	4.60E-07	1.41E-07	6.01E-07	3.58E-07	6.81E-08	4.26E-07
4996	624351.81	4266213.27	2.86E-06	9.08E-07	3.77E-06	2.39E-06	6.80E-07	3.07E-06	5.66E-07	1.74E-07	7.40E-07	4.41E-07	8.38E-08	5.25E-07
4997	624361.7	4266213.45	3.01E-06	9.55E-07	3.96E-06	2.51E-06	7.15E-07	3.23E-06	5.95E-07	1.83E-07	7.78E-07	4.64E-07	8.81E-08	5.52E-07
4998	624371.59	4266213.62	3.16E-06	1.00E-06	4.16E-06	2.64E-06	7.51E-07	3.39E-06	6.26E-07	1.92E-07	8.18E-07	4.88E-07	9.26E-08	5.80E-07
4999	624381.48	4266213.8	3.32E-06	1.05E-06	4.38E-06	2.78E-06	7.90E-07	3.57E-06	6.58E-07	2.02E-07	8.60E-07	5.13E-07	9.74E-08	6.10E-07
5000	624391.37	4266213.98	3.49E-06	1.11E-06	4.60E-06	2.92E-06	8.30E-07	3.75E-06	6.91E-07	2.12E-07	9.04E-07	5.39E-07	1.02E-07	6.41E-07
5001	624401.26	4266214.15	3.67E-06	1.17E-06	4.83E-06	3.07E-06	8.72E-07	3.94E-06	7.26E-07	2.23E-07	9.50E-07	5.66E-07	1.08E-07	6.74E-07
5002	624411.15	4266214.33	3.85E-06	1.22E-06	5.07E-06	3.22E-06	9.15E-07	4.13E-06	7.62E-07	2.34E-07	9.96E-07	5.94E-07	1.13E-07	7.07E-07
5003	624421.03	4266214.51	4.02E-06	1.28E-06	5.29E-06	3.36E-06	9.55E-07	4.31E-06	7.95E-07	2.44E-07	1.04E-06	6.20E-07	1.18E-07	7.38E-07
5004	624450.7	4266215.03	4.44E-06	1.41E-06	5.84E-06	3.71E-06	1.05E-06	4.76E-06	8.78E-07	2.70E-07	1.15E-06	6.84E-07	1.30E-07	8.14E-07
5005	624460.59	4266215.21	4.55E-06	1.45E-06	6.00E-06	3.81E-06	1.08E-06	4.89E-06	9.02E-07	2.77E-07	1.18E-06	7.03E-07	1.33E-07	8.36E-07
5006	624470.48	4266215.39	4.67E-06	1.48E-06	6.15E-06	3.90E-06	1.11E-06	5.01E-06	9.24E-07	2.84E-07	1.21E-06	7.21E-07	1.37E-07	8.58E-07
5007	624480.37	4266215.56	4.78E-06	1.52E-06	6.30E-06	3.99E-06	1.14E-06	5.13E-06	9.46E-07	2.91E-07	1.24E-06	7.37E-07	1.40E-07	8.77E-07
5008	624490.26	4266215.74	4.87E-06	1.55E-06	6.41E-06	4.07E-06	1.16E-06	5.23E-06	9.64E-07	2.96E-07	1.26E-06	7.51E-07	1.43E-07	8.94E-07
5009	624500.15	4266215.92	4.94E-06	1.57E-06	6.51E-06	4.13E-06	1.17E-06	5.30E-06	9.78E-07	3.01E-07	1.28E-06	7.62E-07	1.45E-07	9.07E-07
5010	624529.82	4266216.45	5.11E-06	1.62E-06	6.73E-06	4.27E-06	1.21E-06	5.48E-06	1.01E-06	3.11E-07	1.32E-06	7.88E-07	1.50E-07	9.38E-07
5011	624539.7	4266216.62	5.16E-06	1.64E-06	6.80E-06	4.31E-06	1.23E-06	5.54E-06	1.02E-06	3.14E-07	1.33E-06	7.96E-07	1.51E-07	9.47E-07
5012	624549.59	4266216.8	5.20E-06	1.65E-06	6.85E-06	4.35E-06	1.24E-06	5.59E-06	1.03E-06	3.17E-07	1.35E-06	8.03E-07	1.52E-07	9.55E-07
5013	624559.48	4266216.98	5.23E-06	1.66E-06	6.89E-06	4.37E-06	1.24E-06	5.62E-06	1.04E-06	3.18E-07	1.35E-06	8.07E-07	1.53E-07	9.60E-07
5014	624569.37	4266217.15	5.25E-06	1.67E-06	6.91E-06	4.39E-06	1.25E-06	5.63E-06	1.04E-06	3.19E-07	1.36E-06	8.10E-07	1.54E-07	9.63E-07
5015	624579.26	4266217.33	5.25E-06	1.67E-06	6.92E-06	4.39E-06	1.25E-06	5.64E-06	1.04E-06	3.20E-07	1.36E-06	8.11E-07	1.54E-07	9.65E-07
5016	624589.15	4266217.51	5.26E-06	1.67E-06	6.93E-06	4.40E-06	1.25E-06	5.65E-06	1.04E-06	3.20E-07	1.36E-06	8.12E-07	1.54E-07	9.66E-07
5017	624599.04	4266217.68	5.27E-06	1.67E-06	6.94E-06	4.40E-06	1.25E-06	5.65E-06	1.04E-06	3.20E-07	1.36E-06	8.13E-07	1.54E-07	9.67E-07
5018	624608.93	4266217.86	5.27E-06	1.67E-06	6.94E-06	4.40E-06	1.25E-06	5.65E-06	1.04E-06	3.20E-07	1.36E-06	8.12E-07	1.54E-07	9.67E-07
5019	624618.82	4266218.04	5.25E-06	1.67E-06	6.92E-06	4.39E-06	1.25E-06	5.64E-06	1.04E-06	3.19E-07	1.36E-06	8.10E-07	1.54E-07	9.64E-07
5020	624668.26	4266218.92	5.10E-06	1.62E-06	6.72E-06	4.26E-06	1.21E-06	5.47E-06	1.01E-06	3.10E-07	1.32E-06	7.86E-07	1.49E-07	9.36E-07
5021	624678.15	4266219.1	5.06E-06	1.61E-06	6.66E-06	4.23E-06	1.20E-06	5.43E-06	1.00E-06	3.08E-07	1.31E-06	7.80E-07	1.48E-07	9.29E-07
5022	624688.04	4266219.27	5.00E-06	1.59E-06	6.59E-06	4.18E-06	1.19E-06	5.37E-06	9.90E-07	3.04E-07	1.29E-06	7.72E-07	1.47E-07	9.18E-07
5023	624697.93	4266219.45	4.93E-06	1.56E-06	6.49E-06	4.12E-06	1.17E-06	5.29E-06	9.75E-07	3.00E-07	1.28E-06	7.60E-07	1.44E-07	9.05E-07
5024	624707.82	4266219.63	4.85E-06	1.54E-06	6.39E-06	4.05E-06	1.15E-06	5.21E-06	9.60E-07	2.95E-07	1.26E-06	7.48E-07	1.42E-07	8.90E-07
5025	624717.71	4266219.8	4.77E-06	1.52E-06	6.29E-06	3.99E-06	1.14E-06	5.13E-06	9.45E-07	2.91E-07	1.24E-06	7.37E-07	1.40E-07	8.77E-07
5026	624343.62	4266219.79	2.66E-06	8.44E-07	3.50E-06	2.22E-06	6.32E-07	2.85E-06	5.26E-07	1.62E-07	6.88E-07	4.10E-07	7.79E-08	4.88E-07
5027	624327.61	4266212.84	2.52E-06	7.99E-07	3.31E-06	2.10E-06	5.98E-07	2.70E-06	4.98E-07	1.53E-07	6.51E-07	3.88E-07	7.37E-08	4.62E-07
5028	624292.37	4266190.81	2.19E-06	6.96E-07	2.89E-06	1.83E-06	5.21E-07	2.35E-06	4.34E-07	1.33E-07	5.67E-07	3.38E-07	6.42E-08	4.02E-07

5029	624289.15	4266182.7	2.19E-06	6.96E-07	2.89E-06	1.83E-06	5.21E-07	2.35E-06	4.34E-07	1.33E-07	5.67E-07	3.38E-07	6.42E-08	4.02E-07
5030	624282.72	4266166.47	2.18E-06	6.92E-07	2.87E-06	1.82E-06	5.18E-07	2.34E-06	4.31E-07	1.33E-07	5.64E-07	3.36E-07	6.38E-08	4.00E-07
5031	624361.52	4266223.44	2.85E-06	9.04E-07	3.75E-06	2.38E-06	6.77E-07	3.06E-06	5.63E-07	1.73E-07	7.37E-07	4.39E-07	8.34E-08	5.23E-07
5032	624371.41	4266223.62	2.98E-06	9.46E-07	3.93E-06	2.49E-06	7.09E-07	3.20E-06	5.90E-07	1.81E-07	7.71E-07	4.60E-07	8.73E-08	5.47E-07
5033	624381.3	4266223.8	3.12E-06	9.91E-07	4.11E-06	2.61E-06	7.42E-07	3.35E-06	6.18E-07	1.90E-07	8.07E-07	4.81E-07	9.15E-08	5.73E-07
5034	624391.19	4266223.97	3.27E-06	1.04E-06	4.30E-06	2.73E-06	7.77E-07	3.51E-06	6.46E-07	1.99E-07	8.45E-07	5.04E-07	9.57E-08	6.00E-07
5035	624401.08	4266224.15	3.42E-06	1.08E-06	4.50E-06	2.86E-06	8.12E-07	3.67E-06	6.76E-07	2.08E-07	8.84E-07	5.27E-07	1.00E-07	6.27E-07
5036	624410.97	4266224.33	3.57E-06	1.13E-06	4.70E-06	2.98E-06	8.48E-07	3.83E-06	7.06E-07	2.17E-07	9.23E-07	5.50E-07	1.05E-07	6.55E-07
5037	624420.86	4266224.5	3.72E-06	1.18E-06	4.90E-06	3.11E-06	8.83E-07	3.99E-06	7.35E-07	2.26E-07	9.62E-07	5.73E-07	1.09E-07	6.82E-07
5038	624450.52	4266225.03	4.10E-06	1.30E-06	5.40E-06	3.43E-06	9.75E-07	4.40E-06	8.11E-07	2.49E-07	1.06E-06	6.33E-07	1.20E-07	7.53E-07
5039	624460.41	4266225.21	4.21E-06	1.34E-06	5.55E-06	3.52E-06	1.00E-06	4.52E-06	8.33E-07	2.56E-07	1.09E-06	6.49E-07	1.23E-07	7.73E-07
5040	624470.3	4266225.39	4.31E-06	1.37E-06	5.68E-06	3.60E-06	1.03E-06	4.63E-06	8.54E-07	2.62E-07	1.12E-06	6.65E-07	1.26E-07	7.92E-07
5041	624480.19	4266225.56	4.41E-06	1.40E-06	5.81E-06	3.69E-06	1.05E-06	4.73E-06	8.73E-07	2.68E-07	1.14E-06	6.80E-07	1.29E-07	8.10E-07
5042	624490.08	4266225.74	4.49E-06	1.43E-06	5.92E-06	3.76E-06	1.07E-06	4.82E-06	8.89E-07	2.73E-07	1.16E-06	6.93E-07	1.32E-07	8.25E-07
5043	624499.97	4266225.92	4.56E-06	1.45E-06	6.01E-06	3.82E-06	1.09E-06	4.90E-06	9.03E-07	2.78E-07	1.18E-06	7.04E-07	1.34E-07	8.38E-07
5044	624529.64	4266226.45	4.72E-06	1.50E-06	6.22E-06	3.95E-06	1.12E-06	5.07E-06	9.35E-07	2.87E-07	1.22E-06	7.29E-07	1.38E-07	8.67E-07
5045	624539.53	4266226.62	4.77E-06	1.51E-06	6.28E-06	3.99E-06	1.13E-06	5.12E-06	9.44E-07	2.90E-07	1.23E-06	7.36E-07	1.40E-07	8.76E-07
5046	624549.42	4266226.8	4.81E-06	1.53E-06	6.33E-06	4.02E-06	1.14E-06	5.16E-06	9.51E-07	2.92E-07	1.24E-06	7.42E-07	1.41E-07	8.83E-07
5047	624559.3	4266226.98	4.84E-06	1.54E-06	6.37E-06	4.04E-06	1.15E-06	5.19E-06	9.57E-07	2.94E-07	1.25E-06	7.46E-07	1.42E-07	8.88E-07
5048	624569.19	4266227.15	4.86E-06	1.54E-06	6.40E-06	4.06E-06	1.15E-06	5.21E-06	9.61E-07	2.95E-07	1.26E-06	7.49E-07	1.42E-07	8.91E-07
5049	624579.08	4266227.33	4.87E-06	1.55E-06	6.41E-06	4.07E-06	1.16E-06	5.22E-06	9.63E-07	2.96E-07	1.26E-06	7.51E-07	1.43E-07	8.93E-07
5050	624588.97	4266227.51	4.87E-06	1.55E-06	6.42E-06	4.07E-06	1.16E-06	5.23E-06	9.64E-07	2.96E-07	1.26E-06	7.52E-07	1.43E-07	8.94E-07
5051	624598.86	4266227.68	4.87E-06	1.55E-06	6.42E-06	4.07E-06	1.16E-06	5.23E-06	9.65E-07	2.97E-07	1.26E-06	7.52E-07	1.43E-07	8.95E-07
5052	624608.75	4266227.86	4.87E-06	1.55E-06	6.42E-06	4.07E-06	1.16E-06	5.23E-06	9.64E-07	2.96E-07	1.26E-06	7.52E-07	1.43E-07	8.94E-07
5053	624618.64	4266228.04	4.86E-06	1.54E-06	6.40E-06	4.06E-06	1.16E-06	5.22E-06	9.62E-07	2.96E-07	1.26E-06	7.50E-07	1.42E-07	8.92E-07
5054	624628.53	4266228.21	4.84E-06	1.54E-06	6.38E-06	4.05E-06	1.15E-06	5.20E-06	9.58E-07	2.94E-07	1.25E-06	7.47E-07	1.42E-07	8.89E-07
5055	624638.42	4266228.39	4.81E-06	1.53E-06	6.34E-06	4.02E-06	1.14E-06	5.17E-06	9.53E-07	2.93E-07	1.25E-06	7.43E-07	1.41E-07	8.84E-07
5056	624668.09	4266228.92	4.72E-06	1.50E-06	6.22E-06	3.95E-06	1.12E-06	5.07E-06	9.35E-07	2.87E-07	1.22E-06	7.29E-07	1.38E-07	8.67E-07
5057	624677.98	4266229.1	4.68E-06	1.49E-06	6.17E-06	3.92E-06	1.11E-06	5.03E-06	9.27E-07	2.85E-07	1.21E-06	7.23E-07	1.37E-07	8.60E-07
5058	624687.86	4266229.27	4.63E-06	1.47E-06	6.10E-06	3.87E-06	1.10E-06	4.97E-06	9.17E-07	2.82E-07	1.20E-06	7.15E-07	1.36E-07	8.51E-07
5059	624697.75	4266229.45	4.57E-06	1.45E-06	6.02E-06	3.82E-06	1.09E-06	4.91E-06	9.04E-07	2.78E-07	1.18E-06	7.05E-07	1.34E-07	8.39E-07
5060	624707.64	4266229.62	4.50E-06	1.43E-06	5.93E-06	3.76E-06	1.07E-06	4.83E-06	8.91E-07	2.74E-07	1.16E-06	6.94E-07	1.32E-07	8.26E-07
5061	624717.53	4266229.8	4.43E-06	1.41E-06	5.83E-06	3.70E-06	1.05E-06	4.75E-06	8.76E-07	2.69E-07	1.15E-06	6.83E-07	1.30E-07	8.13E-07
5062	624747.2	4266230.33	4.20E-06	1.33E-06	5.54E-06	3.51E-06	9.99E-07	4.51E-06	8.32E-07	2.56E-07	1.09E-06	6.48E-07	1.23E-07	7.72E-07
5063	624757.09	4266230.51	4.11E-06	1.31E-06	5.42E-06	3.44E-06	9.77E-07	4.41E-06	8.14E-07	2.50E-07	1.06E-06	6.34E-07	1.20E-07	7.55E-07
5064	624766.98	4266230.68	4.01E-06	1.27E-06	5.28E-06	3.35E-06	9.53E-07	4.30E-06	7.93E-07	2.44E-07	1.04E-06	6.18E-07	1.17E-07	7.36E-07
5065	624776.87	4266230.86	3.89E-06	1.24E-06	5.13E-06	3.26E-06	9.26E-07	4.18E-06	7.71E-07	2.37E-07	1.01E-06	6.01E-07	1.14E-07	7.15E-07
5066	624786.76	4266231.04	3.78E-06	1.20E-06	4.98E-06	3.16E-06	8.98E-07	4.05E-06	7.48E-07	2.30E-07	9.77E-07	5.83E-07	1.11E-07	6.93E-07
5067	624796.65	4266231.21	3.66E-06	1.16E-06	4.82E-06	3.06E-06	8.70E-07	3.93E-06	7.24E-07	2.23E-07	9.47E-07	5.64E-07	1.07E-07	6.72E-07
5068	624806.53	4266231.39	3.53E-06	1.12E-06	4.66E-06	2.95E-06	8.40E-07	3.79E-06	6.99E-07	2.15E-07	9.14E-07	5.45E-07	1.04E-07	6.49E-07
5069	624816.42	4266231.57	3.40E-06	1.08E-06	4.48E-06	2.84E-06	8.08E-07	3.65E-06	6.73E-07	2.07E-07	8.80E-07	5.24E-07	9.96E-08	6.24E-07
5070	624826.31	4266231.74	3.25E-06	1.03E-06	4.28E-06	2.72E-06	7.73E-07	3.49E-06	6.43E-07	1.98E-07	8.41E-07	5.02E-07	9.53E-08	5.97E-07
5071	624836.2	4266231.92	3.09E-06	9.82E-07	4.07E-06	2.58E-06	7.35E-07	3.32E-06	6.12E-07	1.88E-07	8.00E-07	4.77E-07	9.06E-08	5.68E-07
5072	624846.09	4266232.1	2.92E-06	9.29E-07	3.85E-06	2.44E-06	6.95E-07	3.14E-06	5.79E-07	1.78E-07	7.57E-07	4.51E-07	8.57E-08	5.37E-07
5073	624342.45	4266229.35	2.53E-06	8.03E-07	3.33E-06	2.11E-06	6.01E-07	2.71E-06	5.00E-07	1.54E-07	6.54E-07	3.90E-07	7.41E-08	4.64E-07
5074	624333.44	4266225.44	2.46E-06	7.82E-07	3.25E-06	2.06E-06	5.86E-07	2.64E-06	4.88E-07	1.50E-07	6.38E-07	3.80E-07	7.22E-08	4.52E-07
5075	624324.43	4266221.53	2.39E-06	7.59E-07	3.15E-06	2.00E-06	5.69E-07	2.57E-06	4.73E-07	1.45E-07	6.19E-07	3.69E-07	7.01E-08	4.39E-07
5076	624315.42	4266217.62	2.31E-06	7.34E-07	3.05E-06	1.93E-06	5.50E-07	2.48E-06	4.58E-07	1.41E-07	5.98E-07	3.57E-07	6.78E-08	4.25E-07
5077	624306.42	4266213.71	2.23E-06	7.08E-07	2.94E-06	1.86E-06	5.30E-07	2.40E-06	4.42E-07	1.36E-07	5.77E-07	3.44E-07	6.54E-08	4.10E-07
5078	624297.41	4266209.79	2.15E-06	6.82E-07	2.83E-06	1.80E-06	5.11E-07	2.31E-06	4.25E-07	1.31E-07	5.56E-07	3.31E-07	6.29E-08	3.94E-07
5079	624281.16	4266187.62	2.07E-06	6.57E-07	2.72E-06	1.73E-06	4.92E-07	2.22E-06	4.09E-07	1.26E-07	5.35E-07	3.19E-07	6.06E-08	3.80E-07
5080	624277.54	4266178.5	2.06E-06	6.55E-07	2.72E-06	1.72E-06	4.90E-07	2.21E-06	4.08E-07	1.25E-07	5.34E-07	3.18E-07	6.04E-08	3.79E-07
5081	624273.93	4266169.37	2.05E-06	6.52E-07	2.71E-06	1.72E-06	4.88E-07	2.20E-06	4.07E-07	1.25E-07	5.31E-07	3.17E-07	6.02E-08	3.77E-07
5082	624351.45	4266233.27	2.59E-06	8.21E-07	3.41E-06	2.16E-06	6.15E-07	2.78E-06	5.12E-07	1.57E-07	6.69E-07	3.99E-07	7.58E-08	4.75E-07
5083	624361.34	4266233.44	2.70E-06	8.57E-07	3.56E-06	2.26E-06	6.42E-07	2.90E-06	5.34E-07	1.64E-07	6.99E-07	4.17E-07	7.91E-08	4.96E-07
5084	624371.23	4266233.62	2.82E-06	8.95E-07	3.71E-06	2.36E-06	6.70E-07	3.03E-06	5.58E-07	1.71E-07	7.29E-07	4.35E-07	8.26E-08	5.17E-07
5085	624381.12	4266233.8	2.94E-06	9.34E-07	3.87E-06	2.46E-06	6.99E-07	3.16E-06	5.82E-07	1.79E-07	7.61E-07	4.54E-07	8.62E-08	5.40E-07
5086	624391.01	4266233.97	3.07E-06	9.73E-07	4.04E-06	2.56E-06	7.29E-07	3.29E-06	6.07E-07	1.87E-07	7.93E-07	4.73E-07	8.98E-08	5.63E-07
5087	624400.9	4266234.15	3.19E-06	1.01E-06	4.21E-06	2.67E-06	7.59E-07	3.43E-06	6.32E-07	1.94E-07	8.26E-07	4.93E-07	9.36E-08	5.86E-07
5088	624410.79	4266234.33	3.32E-06	1.06E-06	4.38E-06	2.78E-06	7.90E-07	3.57E-06	6.58E-07	2.02E-07	8.60E-07	5.13E-07	9.74E-08	6.10E-07
5089	624420.68	4266234.5	3.45E-06	1.10E-06	4.55E-06	2.89E-06	8.21E-07	3.71E-06	6.84E-07	2.10E-07	8.94E-07	5.33E-07	1.01E-07	6.34E-07
5090	624450.35	4266235.03	3.80E-06	1.21E-06	5.01E-06	3.18E-06	9.04E-07	4.08E-06	7.53E-07	2.31E-07	9.84E-07	5.87E-07	1.11E-07	6.98E-07
5091	624460.23	4266235.21	3.90E-06	1.24E-06	5.14E-06	3.26E-06	9.28E-07	4.19E-06	7.73E-07	2.38E-07	1.01E-06	6.02E-07	1.14E-07	7.17E-07
5092	624470.12	4266235.38	4.00E-06	1.27E-06	5.27E-06	3.34E-06	9.51E-07	4.29E-06	7.91E-07	2.43E-07	1.03E-06	6.17E-07	1.17E-07	7.34E-07
5093	624480.01	4266235.56	4.09E-06	1.30E-06	5.38E-06	3.42E-06	9.71E-07	4.39E-06	8.09E-07	2.49E-07	1.06E-06	6.30E-07	1.20E-07	7.50E-07
5094	624489.9	4266235.74	4.16E-06	1.32E-06	5.49E-06	3.48E-06	9.90E-07	4.47E-06	8.24E-07	2.53E-07	1.08E-06	6.43E-07	1.22E-07	7.65E-07
5095	624499.79	4266235.91	4.23E-06	1.34E-06	5.58E-06	3.54E-06	1.01E-06	4.55E-06	8.38E-07	2.58E-07	1.10E-06	6.53E-07	1.24E-07	7.77E-07
5096	624529.46	4266236.44	4.39E-06	1.39E-06	5.78E-06	3.67E-06	1.04E-06	4.71E-06	8.68E-07	2.67E-07	1.13E-06	6.77E-07	1.29E-07	8.05E-07
5097	624539.35	4266236.62	4.43E-06	1.41E-06	5.83E-06	3.70E-06	1.05E-06	4.75E-06	8.76E-07	2.69E-07	1.15E-06	6.83E-07	1.30E-07	8.12E-07
5098	624549.24	4266236.8	4.46E-06	1.42E-06	5.88E-06	3.73E-06	1.06E-06	4.79E-06	8.83E-07	2.71E-07	1.15E-06	6.88E-07	1.31E-07	8.19E-07
5099	624559.13	4266236.97	4.49E-06	1.43E-06	5.92E-06	3.75E-06	1.07E-06	4.82E-06	8.89E-07	2.73E-07	1.16E-06	6.93E-07	1.32E-07	8.24E-07
5100	624569.02	4266237.15	4.51E-06	1.43E-06	5.94E-06	3.77E-06	1.07E-06	4.84E-06	8.93E-07	2.74E-07	1.17E-06	6.96E-07	1.32E-07	8.28E-07
5101	624578.9	4266237.33	4.52E-06	1.44E-06	5.96E-06	3.78E-06	1.08E-06	4.85E-06	8.95E-07	2.75E-07	1.17E-06	6.98E-07	1.33E-07	8.30E-07
5102	624588.79	4266237.5	4.53E-06	1.44E-06	5.96E-06	3.78E-06	1.08E-06	4.86E-06	8.96E-07	2.75E-07	1.17E-06	6.98E-07	1.33E-07	8.31E-07

5103	624598.68	4266237.68	4.53E-06	1.44E-06	5.97E-06	3.78E-06	1.08E-06	4.86E-06	8.96E-07	2.76E-07	1.17E-06	6.99E-07	1.33E-07	8.31E-07
5104	624608.57	4266237.86	4.53E-06	1.44E-06	5.96E-06	3.78E-06	1.08E-06	4.86E-06	8.96E-07	2.75E-07	1.17E-06	6.98E-07	1.33E-07	8.31E-07
5105	624618.46	4266238.03	4.52E-06	1.43E-06	5.95E-06	3.78E-06	1.07E-06	4.85E-06	8.94E-07	2.75E-07	1.17E-06	6.97E-07	1.32E-07	8.29E-07
5106	624628.35	4266238.21	4.50E-06	1.43E-06	5.93E-06	3.76E-06	1.07E-06	4.83E-06	8.91E-07	2.74E-07	1.17E-06	6.95E-07	1.32E-07	8.27E-07
5107	624638.24	4266238.39	4.48E-06	1.42E-06	5.90E-06	3.74E-06	1.07E-06	4.81E-06	8.87E-07	2.73E-07	1.16E-06	6.91E-07	1.31E-07	8.23E-07
5108	624667.91	4266238.92	4.39E-06	1.40E-06	5.79E-06	3.67E-06	1.04E-06	4.72E-06	8.70E-07	2.67E-07	1.14E-06	6.78E-07	1.29E-07	8.07E-07
5109	624677.8	4266239.09	4.36E-06	1.38E-06	5.74E-06	3.64E-06	1.04E-06	4.68E-06	8.62E-07	2.65E-07	1.13E-06	6.72E-07	1.28E-07	8.00E-07
5110	624687.69	4266239.27	4.31E-06	1.37E-06	5.68E-06	3.60E-06	1.02E-06	4.62E-06	8.53E-07	2.62E-07	1.11E-06	6.65E-07	1.26E-07	7.91E-07
5111	624697.58	4266239.45	4.25E-06	1.35E-06	5.60E-06	3.55E-06	1.01E-06	4.56E-06	8.42E-07	2.59E-07	1.10E-06	6.56E-07	1.25E-07	7.81E-07
5112	624707.46	4266239.62	4.19E-06	1.33E-06	5.52E-06	3.50E-06	9.96E-07	4.50E-06	8.29E-07	2.55E-07	1.08E-06	6.46E-07	1.23E-07	7.69E-07
5113	624717.35	4266239.8	4.12E-06	1.31E-06	5.43E-06	3.44E-06	9.79E-07	4.42E-06	8.15E-07	2.51E-07	1.07E-06	6.36E-07	1.21E-07	7.56E-07
5114	624747.02	4266240.33	3.90E-06	1.24E-06	5.14E-06	3.26E-06	9.27E-07	4.18E-06	7.72E-07	2.37E-07	1.01E-06	6.01E-07	1.14E-07	7.16E-07
5115	624756.91	4266240.51	3.81E-06	1.21E-06	5.03E-06	3.19E-06	9.07E-07	4.10E-06	7.55E-07	2.32E-07	9.87E-07	5.89E-07	1.12E-07	7.00E-07
5116	624766.8	4266240.68	3.72E-06	1.18E-06	4.90E-06	3.11E-06	8.85E-07	4.00E-06	7.37E-07	2.27E-07	9.63E-07	5.74E-07	1.09E-07	6.84E-07
5117	624776.69	4266240.86	3.62E-06	1.15E-06	4.77E-06	3.03E-06	8.61E-07	3.89E-06	7.17E-07	2.20E-07	9.38E-07	5.59E-07	1.06E-07	6.65E-07
5118	624786.58	4266241.04	3.52E-06	1.12E-06	4.64E-06	2.94E-06	8.36E-07	3.78E-06	6.96E-07	2.14E-07	9.10E-07	5.43E-07	1.03E-07	6.46E-07
5119	624796.47	4266241.21	3.41E-06	1.08E-06	4.50E-06	2.85E-06	8.11E-07	3.66E-06	6.75E-07	2.08E-07	8.83E-07	5.26E-07	1.00E-07	6.26E-07
5120	624806.36	4266241.39	3.30E-06	1.05E-06	4.35E-06	2.76E-06	7.85E-07	3.55E-06	6.54E-07	2.01E-07	8.55E-07	5.10E-07	9.68E-08	6.06E-07
5121	624816.25	4266241.57	3.19E-06	1.01E-06	4.20E-06	2.66E-06	7.57E-07	3.42E-06	6.31E-07	1.94E-07	8.24E-07	4.92E-07	9.34E-08	5.85E-07
5122	624826.13	4266241.74	3.06E-06	9.72E-07	4.03E-06	2.56E-06	7.27E-07	3.28E-06	6.06E-07	1.86E-07	7.92E-07	4.72E-07	8.97E-08	5.62E-07
5123	624836.02	4266241.92	2.92E-06	9.28E-07	3.85E-06	2.44E-06	6.95E-07	3.14E-06	5.79E-07	1.78E-07	7.57E-07	4.51E-07	8.57E-08	5.37E-07
5124	624845.91	4266242.1	2.78E-06	8.83E-07	3.66E-06	2.32E-06	6.61E-07	2.99E-06	5.50E-07	1.69E-07	7.20E-07	4.29E-07	8.15E-08	5.11E-07
5125	624342.52	4266239.46	2.42E-06	7.68E-07	3.18E-06	2.02E-06	5.75E-07	2.59E-06	4.78E-07	1.47E-07	6.25E-07	3.73E-07	7.08E-08	4.44E-07
5126	624333.76	4266235.66	2.36E-06	7.51E-07	3.11E-06	1.98E-06	5.62E-07	2.54E-06	4.68E-07	1.44E-07	6.12E-07	3.65E-07	6.93E-08	4.34E-07
5127	624325	4266231.85	2.30E-06	7.32E-07	3.04E-06	1.93E-06	5.48E-07	2.47E-06	4.56E-07	1.40E-07	5.96E-07	3.56E-07	6.75E-08	4.23E-07
5128	624316.25	4266228.05	2.24E-06	7.11E-07	2.95E-06	1.87E-06	5.32E-07	2.40E-06	4.43E-07	1.36E-07	5.80E-07	3.46E-07	6.56E-08	4.11E-07
5129	624307.49	4266224.25	2.17E-06	6.89E-07	2.86E-06	1.81E-06	5.16E-07	2.33E-06	4.30E-07	1.32E-07	5.62E-07	3.35E-07	6.36E-08	3.99E-07
5130	624298.73	4266220.45	2.10E-06	6.66E-07	2.76E-06	1.75E-06	4.99E-07	2.25E-06	4.15E-07	1.28E-07	5.43E-07	3.24E-07	6.15E-08	3.85E-07
5131	624289.97	4266216.64	2.03E-06	6.43E-07	2.67E-06	1.69E-06	4.82E-07	2.18E-06	4.01E-07	1.23E-07	5.24E-07	3.13E-07	5.94E-08	3.72E-07
5132	624274.18	4266195.09	1.96E-06	6.21E-07	2.58E-06	1.64E-06	4.65E-07	2.10E-06	3.87E-07	1.19E-07	5.06E-07	3.02E-07	5.74E-08	3.59E-07
5133	624270.66	4266186.21	1.95E-06	6.20E-07	2.57E-06	1.63E-06	4.64E-07	2.10E-06	3.87E-07	1.19E-07	5.06E-07	3.01E-07	5.73E-08	3.59E-07
5134	624267.14	4266177.34	1.95E-06	6.18E-07	2.56E-06	1.63E-06	4.63E-07	2.09E-06	3.85E-07	1.18E-07	5.04E-07	3.00E-07	5.71E-08	3.57E-07
5135	624263.62	4266168.46	1.94E-06	6.15E-07	2.55E-06	1.62E-06	4.61E-07	2.08E-06	3.83E-07	1.18E-07	5.01E-07	2.99E-07	5.68E-08	3.56E-07
5136	624351.27	4266243.26	2.47E-06	7.83E-07	3.25E-06	2.06E-06	5.86E-07	2.65E-06	4.88E-07	1.50E-07	6.38E-07	3.80E-07	7.23E-08	4.53E-07
5137	624361.16	4266243.44	2.57E-06	8.15E-07	3.38E-06	2.15E-06	6.10E-07	2.76E-06	5.08E-07	1.56E-07	6.64E-07	3.96E-07	7.52E-08	4.71E-07
5138	624371.05	4266243.62	2.67E-06	8.48E-07	3.52E-06	2.23E-06	6.35E-07	2.87E-06	5.29E-07	1.63E-07	6.91E-07	4.12E-07	7.83E-08	4.91E-07
5139	624380.94	4266243.79	2.78E-06	8.82E-07	3.66E-06	2.32E-06	6.61E-07	2.98E-06	5.50E-07	1.69E-07	7.19E-07	4.29E-07	8.14E-08	5.10E-07
5140	624390.83	4266243.97	2.89E-06	9.17E-07	3.80E-06	2.41E-06	6.86E-07	3.10E-06	5.71E-07	1.76E-07	7.47E-07	4.45E-07	8.46E-08	5.30E-07
5141	624400.72	4266244.15	3.00E-06	9.52E-07	3.95E-06	2.51E-06	7.13E-07	3.22E-06	5.93E-07	1.82E-07	7.76E-07	4.63E-07	8.79E-08	5.50E-07
5142	624410.61	4266244.32	3.11E-06	9.88E-07	4.10E-06	2.60E-06	7.40E-07	3.34E-06	6.16E-07	1.89E-07	8.05E-07	4.80E-07	9.12E-08	5.71E-07
5143	624420.5	4266244.5	3.23E-06	1.02E-06	4.25E-06	2.70E-06	7.67E-07	3.46E-06	6.38E-07	1.96E-07	8.35E-07	4.98E-07	9.45E-08	5.92E-07
5144	624450.17	4266245.03	3.54E-06	1.12E-06	4.67E-06	2.96E-06	8.42E-07	3.80E-06	7.01E-07	2.16E-07	9.17E-07	5.47E-07	1.04E-07	6.50E-07
5145	624460.06	4266245.21	3.63E-06	1.15E-06	4.79E-06	3.04E-06	8.64E-07	3.90E-06	7.19E-07	2.21E-07	9.40E-07	5.61E-07	1.07E-07	6.67E-07
5146	624469.94	4266245.38	3.72E-06	1.18E-06	4.90E-06	3.11E-06	8.85E-07	3.99E-06	7.36E-07	2.26E-07	9.63E-07	5.74E-07	1.09E-07	6.83E-07
5147	624479.83	4266245.56	3.80E-06	1.21E-06	5.01E-06	3.18E-06	9.04E-07	4.08E-06	7.52E-07	2.31E-07	9.84E-07	5.87E-07	1.11E-07	6.98E-07
5148	624489.72	4266245.74	3.87E-06	1.23E-06	5.11E-06	3.24E-06	9.21E-07	4.16E-06	7.67E-07	2.36E-07	1.00E-06	5.98E-07	1.14E-07	7.11E-07
5149	624499.61	4266245.91	3.94E-06	1.25E-06	5.19E-06	3.29E-06	9.37E-07	4.23E-06	7.80E-07	2.40E-07	1.02E-06	6.08E-07	1.16E-07	7.24E-07
5150	624529.28	4266246.44	4.08E-06	1.30E-06	5.38E-06	3.41E-06	9.71E-07	4.38E-06	8.08E-07	2.49E-07	1.06E-06	6.30E-07	1.20E-07	7.50E-07
5151	624539.17	4266246.62	4.12E-06	1.31E-06	5.43E-06	3.44E-06	9.80E-07	4.42E-06	8.16E-07	2.51E-07	1.07E-06	6.36E-07	1.21E-07	7.57E-07
5152	624549.06	4266246.8	4.15E-06	1.32E-06	5.47E-06	3.47E-06	9.88E-07	4.46E-06	8.22E-07	2.53E-07	1.07E-06	6.41E-07	1.22E-07	7.63E-07
5153	624558.95	4266246.97	4.18E-06	1.33E-06	5.51E-06	3.50E-06	9.94E-07	4.49E-06	8.28E-07	2.54E-07	1.08E-06	6.45E-07	1.23E-07	7.68E-07
5154	624568.84	4266247.15	4.20E-06	1.33E-06	5.54E-06	3.51E-06	9.99E-07	4.51E-06	8.32E-07	2.56E-07	1.09E-06	6.48E-07	1.23E-07	7.72E-07
5155	624578.73	4266247.33	4.21E-06	1.34E-06	5.55E-06	3.52E-06	1.00E-06	4.52E-06	8.34E-07	2.56E-07	1.09E-06	6.50E-07	1.24E-07	7.74E-07
5156	624588.62	4266247.5	4.22E-06	1.34E-06	5.56E-06	3.53E-06	1.00E-06	4.53E-06	8.35E-07	2.57E-07	1.09E-06	6.51E-07	1.24E-07	7.75E-07
5157	624598.5	4266247.68	4.22E-06	1.34E-06	5.56E-06	3.53E-06	1.00E-06	4.53E-06	8.35E-07	2.57E-07	1.09E-06	6.51E-07	1.24E-07	7.75E-07
5158	624608.39	4266247.86	4.22E-06	1.34E-06	5.56E-06	3.53E-06	1.00E-06	4.53E-06	8.35E-07	2.57E-07	1.09E-06	6.51E-07	1.24E-07	7.75E-07
5159	624618.28	4266248.03	4.21E-06	1.34E-06	5.55E-06	3.52E-06	1.00E-06	4.52E-06	8.34E-07	2.56E-07	1.09E-06	6.50E-07	1.23E-07	7.74E-07
5160	624628.17	4266248.21	4.20E-06	1.33E-06	5.54E-06	3.51E-06	9.99E-07	4.51E-06	8.32E-07	2.56E-07	1.09E-06	6.48E-07	1.23E-07	7.71E-07
5161	624638.06	4266248.39	4.18E-06	1.33E-06	5.51E-06	3.50E-06	9.94E-07	4.49E-06	8.28E-07	2.54E-07	1.08E-06	6.45E-07	1.23E-07	7.68E-07
5162	624667.73	4266248.92	4.10E-06	1.30E-06	5.40E-06	3.43E-06	9.75E-07	4.40E-06	8.11E-07	2.49E-07	1.06E-06	6.32E-07	1.20E-07	7.53E-07
5163	624677.62	4266249.09	4.06E-06	1.29E-06	5.35E-06	3.40E-06	9.66E-07	4.36E-06	8.04E-07	2.47E-07	1.05E-06	6.27E-07	1.19E-07	7.46E-07
5164	624687.51	4266249.27	4.02E-06	1.28E-06	5.30E-06	3.36E-06	9.56E-07	4.32E-06	7.96E-07	2.45E-07	1.04E-06	6.20E-07	1.18E-07	7.38E-07
5165	624697.4	4266249.45	3.97E-06	1.26E-06	5.23E-06	3.32E-06	9.44E-07	4.26E-06	7.86E-07	2.41E-07	1.03E-06	6.12E-07	1.16E-07	7.29E-07
5166	624707.29	4266249.62	3.91E-06	1.24E-06	5.15E-06	3.27E-06	9.30E-07	4.20E-06	7.74E-07	2.38E-07	1.01E-06	6.03E-07	1.15E-07	7.18E-07
5167	624717.17	4266249.8	3.85E-06	1.22E-06	5.07E-06	3.21E-06	9.14E-07	4.13E-06	7.61E-07	2.34E-07	9.95E-07	5.93E-07	1.13E-07	7.06E-07
5168	624746.84	4266250.33	3.63E-06	1.15E-06	4.79E-06	3.04E-06	8.64E-07	3.90E-06	7.19E-07	2.21E-07	9.40E-07	5.61E-07	1.06E-07	6.67E-07
5169	624756.73	4266250.5	3.56E-06	1.13E-06	4.69E-06	2.97E-06	8.46E-07	3.82E-06	7.04E-07	2.16E-07	9.21E-07	5.49E-07	1.04E-07	6.53E-07
5170	624766.62	4266250.68	3.47E-06	1.10E-06	4.58E-06	2.90E-06	8.26E-07	3.73E-06	6.88E-07	2.11E-07	8.99E-07	5.36E-07	1.02E-07	6.38E-07
5171	624776.51	4266250.86	3.39E-06	1.08E-06	4.46E-06	2.83E-06	8.05E-07	3.63E-06	6.70E-07	2.06E-07	8.76E-07	5.22E-07	9.92E-08	6.22E-07
5172	624786.4	4266251.03	3.29E-06	1.05E-06	4.34E-06	2.75E-06	7.83E-07	3.53E-06	6.52E-07	2.00E-07	8.52E-07	5.08E-07	9.65E-08	6.04E-07
5173	624796.29	4266251.21	3.20E-06	1.02E-06	4.21E-06	2.67E-06	7.60E-07	3.43E-06	6.33E-07	1.94E-07	8.27E-07	4.93E-07	9.37E-08	5.87E-07
5174	624806.18	4266251.39	3.10E-06	9.84E-07	4.08E-06	2.59E-06	7.37E-07	3.33E-06	6.13E-07	1.89E-07	8.02E-07	4.78E-07	9.08E-08	5.69E-07
5175	624816.07	4266251.56	3.00E-06	9.52E-07	3.95E-06	2.51E-06	7.13E-07	3.22E-06	5.93E-07	1.82E-07	7.76E-07	4.62E-07	8.78E-08	5.50E-07
5176	624825.96	4266251.74	2.89E-06	9.17E-07	3.80E-06	2.41E-06	6.87E-07	3.10E-06	5.72E-07	1.76E-07	7.47E-07	4.46E-07	8.46E-08	5.30E-07

5177	624835.85	4266251.92	2.77E-06	8.80E-07	3.65E-06	2.32E-06	6.59E-07	2.97E-06	5.48E-07	1.69E-07	7.17E-07	4.27E-07	8.12E-08	5.09E-07
5178	624845.73	4266252.09	2.65E-06	8.41E-07	3.49E-06	2.21E-06	6.30E-07	2.84E-06	5.24E-07	1.61E-07	6.85E-07	4.09E-07	7.76E-08	4.86E-07
5179	624342.07	4266264.46	2.17E-06	6.89E-07	2.86E-06	1.81E-06	5.16E-07	2.33E-06	4.30E-07	1.32E-07	5.62E-07	3.35E-07	6.36E-08	3.99E-07
5180	624333.31	4266260.65	2.13E-06	6.77E-07	2.81E-06	1.78E-06	5.07E-07	2.29E-06	4.22E-07	1.30E-07	5.52E-07	3.29E-07	6.25E-08	3.91E-07
5181	624324.56	4266256.85	2.09E-06	6.64E-07	2.75E-06	1.75E-06	4.97E-07	2.24E-06	4.14E-07	1.27E-07	5.41E-07	3.22E-07	6.13E-08	3.84E-07
5182	624315.8	4266253.05	2.04E-06	6.49E-07	2.69E-06	1.71E-06	4.86E-07	2.20E-06	4.05E-07	1.24E-07	5.29E-07	3.15E-07	5.99E-08	3.75E-07
5183	624307.04	4266249.24	2.00E-06	6.34E-07	2.63E-06	1.67E-06	4.74E-07	2.14E-06	3.95E-07	1.21E-07	5.16E-07	3.08E-07	5.85E-08	3.66E-07
5184	624298.28	4266245.44	1.94E-06	6.17E-07	2.56E-06	1.62E-06	4.62E-07	2.09E-06	3.85E-07	1.18E-07	5.03E-07	3.00E-07	5.69E-08	3.57E-07
5185	624289.53	4266241.64	1.89E-06	6.00E-07	2.49E-06	1.58E-06	4.49E-07	2.03E-06	3.74E-07	1.15E-07	4.89E-07	2.91E-07	5.53E-08	3.47E-07
5186	624280.77	4266237.83	1.83E-06	5.82E-07	2.41E-06	1.53E-06	4.36E-07	1.97E-06	3.63E-07	1.11E-07	4.74E-07	2.83E-07	5.37E-08	3.36E-07
5187	624272.01	4266234.03	1.77E-06	5.64E-07	2.34E-06	1.48E-06	4.22E-07	1.91E-06	3.51E-07	1.08E-07	4.59E-07	2.74E-07	5.20E-08	3.26E-07
5188	624259.74	4266221.35	1.72E-06	5.47E-07	2.27E-06	1.44E-06	4.09E-07	1.85E-06	3.41E-07	1.05E-07	4.46E-07	2.66E-07	5.05E-08	3.16E-07
5189	624256.22	4266212.48	1.72E-06	5.47E-07	2.27E-06	1.44E-06	4.10E-07	1.85E-06	3.41E-07	1.05E-07	4.46E-07	2.66E-07	5.05E-08	3.16E-07
5190	624249.18	4266194.73	1.72E-06	5.45E-07	2.26E-06	1.44E-06	4.08E-07	1.84E-06	3.40E-07	1.04E-07	4.44E-07	2.65E-07	5.03E-08	3.15E-07
5191	624245.66	4266185.85	1.71E-06	5.43E-07	2.25E-06	1.43E-06	4.07E-07	1.84E-06	3.39E-07	1.04E-07	4.43E-07	2.64E-07	5.01E-08	3.14E-07
5192	624242.15	4266176.97	1.70E-06	5.41E-07	2.24E-06	1.42E-06	4.05E-07	1.83E-06	3.37E-07	1.04E-07	4.41E-07	2.63E-07	4.99E-08	3.13E-07
5193	624238.63	4266168.1	1.69E-06	5.37E-07	2.23E-06	1.41E-06	4.02E-07	1.82E-06	3.35E-07	1.03E-07	4.38E-07	2.61E-07	4.96E-08	3.11E-07
5194	624350.83	4266268.26	2.21E-06	7.01E-07	2.91E-06	1.84E-06	5.25E-07	2.37E-06	4.37E-07	1.34E-07	5.71E-07	3.40E-07	6.47E-08	4.05E-07
5195	624360.72	4266268.44	2.28E-06	7.25E-07	3.01E-06	1.91E-06	5.43E-07	2.45E-06	4.52E-07	1.39E-07	5.91E-07	3.52E-07	6.69E-08	4.19E-07
5196	624370.61	4266268.61	2.36E-06	7.50E-07	3.11E-06	1.97E-06	5.62E-07	2.54E-06	4.68E-07	1.44E-07	6.11E-07	3.64E-07	6.92E-08	4.34E-07
5197	624380.5	4266268.79	2.44E-06	7.75E-07	3.22E-06	2.04E-06	5.80E-07	2.62E-06	4.83E-07	1.48E-07	6.31E-07	3.77E-07	7.15E-08	4.48E-07
5198	624390.38	4266268.97	2.52E-06	8.00E-07	3.32E-06	2.11E-06	5.99E-07	2.70E-06	4.99E-07	1.53E-07	6.52E-07	3.89E-07	7.38E-08	4.62E-07
5199	624400.27	4266269.14	2.60E-06	8.26E-07	3.43E-06	2.17E-06	6.18E-07	2.79E-06	5.15E-07	1.58E-07	6.73E-07	4.01E-07	7.62E-08	4.77E-07
5200	624410.16	4266269.32	2.68E-06	8.52E-07	3.54E-06	2.24E-06	6.38E-07	2.88E-06	5.31E-07	1.63E-07	6.94E-07	4.14E-07	7.86E-08	4.93E-07
5201	624420.05	4266269.5	2.77E-06	8.79E-07	3.65E-06	2.31E-06	6.58E-07	2.97E-06	5.48E-07	1.68E-07	7.16E-07	4.27E-07	8.11E-08	5.08E-07
5202	624449.72	4266270.03	3.01E-06	9.56E-07	3.97E-06	2.52E-06	7.16E-07	3.23E-06	5.96E-07	1.83E-07	7.79E-07	4.65E-07	8.82E-08	5.53E-07
5203	624459.61	4266270.2	3.08E-06	9.79E-07	4.06E-06	2.58E-06	7.33E-07	3.31E-06	6.10E-07	1.88E-07	7.98E-07	4.76E-07	9.04E-08	5.66E-07
5204	624469.5	4266270.38	3.15E-06	1.00E-06	4.15E-06	2.63E-06	7.49E-07	3.38E-06	6.24E-07	1.92E-07	8.16E-07	4.86E-07	9.24E-08	5.79E-07
5205	624479.39	4266270.56	3.22E-06	1.02E-06	4.24E-06	2.69E-06	7.65E-07	3.45E-06	6.37E-07	1.96E-07	8.32E-07	4.96E-07	9.43E-08	5.91E-07
5206	624489.28	4266270.73	3.28E-06	1.04E-06	4.32E-06	2.74E-06	7.79E-07	3.52E-06	6.49E-07	1.99E-07	8.48E-07	5.06E-07	9.61E-08	6.02E-07
5207	624499.17	4266270.91	3.33E-06	1.06E-06	4.39E-06	2.79E-06	7.93E-07	3.58E-06	6.60E-07	2.03E-07	8.63E-07	5.14E-07	9.77E-08	6.12E-07
5208	624528.83	4266271.44	3.46E-06	1.10E-06	4.55E-06	2.89E-06	8.22E-07	3.71E-06	6.84E-07	2.10E-07	8.95E-07	5.33E-07	1.01E-07	6.35E-07
5209	624538.72	4266271.62	3.49E-06	1.11E-06	4.60E-06	2.92E-06	8.30E-07	3.75E-06	6.91E-07	2.12E-07	9.03E-07	5.38E-07	1.02E-07	6.41E-07
5210	624548.61	4266271.79	3.52E-06	1.12E-06	4.63E-06	2.94E-06	8.36E-07	3.78E-06	6.96E-07	2.14E-07	9.10E-07	5.43E-07	1.03E-07	6.46E-07
5211	624558.5	4266271.97	3.54E-06	1.12E-06	4.67E-06	2.96E-06	8.42E-07	3.80E-06	7.01E-07	2.16E-07	9.17E-07	5.47E-07	1.04E-07	6.50E-07
5212	624568.39	4266272.15	3.56E-06	1.13E-06	4.69E-06	2.98E-06	8.46E-07	3.82E-06	7.05E-07	2.17E-07	9.21E-07	5.49E-07	1.04E-07	6.54E-07
5213	624578.28	4266272.32	3.57E-06	1.13E-06	4.71E-06	2.99E-06	8.49E-07	3.83E-06	7.07E-07	2.17E-07	9.24E-07	5.51E-07	1.05E-07	6.56E-07
5214	624588.17	4266272.5	3.58E-06	1.14E-06	4.71E-06	2.99E-06	8.51E-07	3.84E-06	7.08E-07	2.18E-07	9.26E-07	5.52E-07	1.05E-07	6.57E-07
5215	624598.06	4266272.68	3.58E-06	1.14E-06	4.72E-06	2.99E-06	8.51E-07	3.84E-06	7.09E-07	2.18E-07	9.26E-07	5.52E-07	1.05E-07	6.57E-07
5216	624607.95	4266272.85	3.58E-06	1.14E-06	4.72E-06	2.99E-06	8.51E-07	3.84E-06	7.09E-07	2.18E-07	9.27E-07	5.53E-07	1.05E-07	6.57E-07
5217	624617.84	4266273.03	3.58E-06	1.14E-06	4.71E-06	2.99E-06	8.51E-07	3.84E-06	7.08E-07	2.18E-07	9.26E-07	5.52E-07	1.05E-07	6.57E-07
5218	624627.73	4266273.2	3.57E-06	1.13E-06	4.70E-06	2.98E-06	8.49E-07	3.83E-06	7.07E-07	2.17E-07	9.24E-07	5.51E-07	1.05E-07	6.55E-07
5219	624637.61	4266273.38	3.56E-06	1.13E-06	4.68E-06	2.97E-06	8.45E-07	3.82E-06	7.04E-07	2.16E-07	9.20E-07	5.49E-07	1.04E-07	6.53E-07
5220	624667.28	4266273.91	3.49E-06	1.11E-06	4.59E-06	2.91E-06	8.29E-07	3.74E-06	6.90E-07	2.12E-07	9.02E-07	5.38E-07	1.02E-07	6.40E-07
5221	624677.17	4266274.09	3.46E-06	1.10E-06	4.55E-06	2.89E-06	8.22E-07	3.71E-06	6.84E-07	2.10E-07	8.94E-07	5.33E-07	1.01E-07	6.35E-07
5222	624687.06	4266274.26	3.42E-06	1.09E-06	4.51E-06	2.86E-06	8.14E-07	3.67E-06	6.77E-07	2.08E-07	8.85E-07	5.28E-07	1.00E-07	6.28E-07
5223	624696.95	4266274.44	3.38E-06	1.07E-06	4.45E-06	2.83E-06	8.04E-07	3.63E-06	6.69E-07	2.06E-07	8.75E-07	5.22E-07	9.91E-08	6.21E-07
5224	624706.84	4266274.62	3.33E-06	1.06E-06	4.39E-06	2.78E-06	7.92E-07	3.58E-06	6.59E-07	2.03E-07	8.62E-07	5.14E-07	9.76E-08	6.12E-07
5225	624716.73	4266274.79	3.28E-06	1.04E-06	4.32E-06	2.74E-06	7.79E-07	3.52E-06	6.49E-07	1.99E-07	8.48E-07	5.06E-07	9.60E-08	6.02E-07
5226	624746.4	4266275.32	3.10E-06	9.85E-07	4.08E-06	2.59E-06	7.37E-07	3.33E-06	6.14E-07	1.89E-07	8.02E-07	4.78E-07	9.09E-08	5.69E-07
5227	624756.29	4266275.5	3.04E-06	9.65E-07	4.00E-06	2.54E-06	7.22E-07	3.26E-06	6.01E-07	1.85E-07	7.86E-07	4.69E-07	8.91E-08	5.58E-07
5228	624766.17	4266275.68	2.97E-06	9.44E-07	3.92E-06	2.49E-06	7.07E-07	3.19E-06	5.89E-07	1.81E-07	7.69E-07	4.59E-07	8.71E-08	5.46E-07
5229	624776.06	4266275.85	2.90E-06	9.22E-07	3.83E-06	2.43E-06	6.91E-07	3.12E-06	5.75E-07	1.77E-07	7.52E-07	4.48E-07	8.51E-08	5.33E-07
5230	624785.95	4266276.03	2.83E-06	8.99E-07	3.73E-06	2.37E-06	6.73E-07	3.04E-06	5.61E-07	1.72E-07	7.33E-07	4.37E-07	8.30E-08	5.20E-07
5231	624795.84	4266276.21	2.76E-06	8.76E-07	3.63E-06	2.31E-06	6.56E-07	2.96E-06	5.46E-07	1.68E-07	7.14E-07	4.26E-07	8.09E-08	5.07E-07
5232	624805.73	4266276.38	2.68E-06	8.52E-07	3.54E-06	2.24E-06	6.38E-07	2.88E-06	5.31E-07	1.63E-07	6.95E-07	4.14E-07	7.87E-08	4.93E-07
5233	624815.62	4266276.56	2.61E-06	8.28E-07	3.44E-06	2.18E-06	6.20E-07	2.80E-06	5.16E-07	1.59E-07	6.75E-07	4.02E-07	7.64E-08	4.79E-07
5234	624825.51	4266276.74	2.53E-06	8.03E-07	3.33E-06	2.11E-06	6.01E-07	2.71E-06	5.00E-07	1.54E-07	6.54E-07	3.90E-07	7.41E-08	4.64E-07
5235	624835.4	4266276.91	2.44E-06	7.76E-07	3.22E-06	2.04E-06	5.81E-07	2.62E-06	4.84E-07	1.49E-07	6.32E-07	3.77E-07	7.16E-08	4.49E-07
5236	624845.29	4266277.09	2.35E-06	7.48E-07	3.10E-06	1.97E-06	5.60E-07	2.53E-06	4.66E-07	1.43E-07	6.09E-07	3.63E-07	6.90E-08	4.32E-07
5237	624315.35	4266278.04	1.87E-06	5.95E-07	2.47E-06	1.56E-06	4.45E-07	2.01E-06	3.71E-07	1.14E-07	4.84E-07	2.89E-07	5.49E-08	3.44E-07
5238	624306.6	4266274.24	1.84E-06	5.83E-07	2.42E-06	1.53E-06	4.37E-07	1.97E-06	3.63E-07	1.12E-07	4.75E-07	2.83E-07	5.38E-08	3.37E-07
5239	624297.84	4266270.44	1.80E-06	5.71E-07	2.37E-06	1.50E-06	4.27E-07	1.93E-06	3.56E-07	1.09E-07	4.65E-07	2.77E-07	5.27E-08	3.30E-07
5240	624289.08	4266266.63	1.76E-06	5.57E-07	2.31E-06	1.47E-06	4.17E-07	1.88E-06	3.47E-07	1.07E-07	4.54E-07	2.71E-07	5.14E-08	3.22E-07
5241	624280.32	4266262.83	1.71E-06	5.44E-07	2.26E-06	1.43E-06	4.07E-07	1.84E-06	3.39E-07	1.04E-07	4.43E-07	2.64E-07	5.02E-08	3.14E-07
5242	624271.57	4266259.03	1.67E-06	5.29E-07	2.20E-06	1.39E-06	3.96E-07	1.79E-06	3.30E-07	1.01E-07	4.31E-07	2.57E-07	4.88E-08	3.06E-07
5243	624262.81	4266255.22	1.62E-06	5.15E-07	2.14E-06	1.35E-06	3.85E-07	1.74E-06	3.21E-07	9.86E-08	4.19E-07	2.50E-07	4.75E-08	2.98E-07
5244	624254.05	4266251.42	1.57E-06	5.00E-07	2.07E-06	1.32E-06	3.74E-07	1.69E-06	3.12E-07	9.58E-08	4.08E-07	2.43E-07	4.62E-08	2.89E-07
5245	624241.78	4266238.74	1.53E-06	4.87E-07	2.02E-06	1.28E-06	3.64E-07	1.64E-06	3.03E-07	9.32E-08	3.96E-07	2.36E-07	4.49E-08	2.81E-07
5246	624238.26	4266229.87	1.53E-06	4.87E-07	2.02E-06	1.28E-06	3.65E-07	1.65E-06	3.03E-07	9.33E-08	3.97E-07	2.37E-07	4.49E-08	2.82E-07
5247	624234.74	4266220.99	1.53E-06	4.87E-07	2.02E-06	1.28E-06	3.64E-07	1.65E-06	3.03E-07	9.33E-08	3.97E-07	2.36E-07	4.49E-08	2.81E-07
5248	624231.22	4266212.12	1.53E-06	4.86E-07	2.02E-06	1.28E-06	3.64E-07	1.64E-06	3.03E-07	9.31E-08	3.96E-07	2.36E-07	4.49E-08	2.81E-07
5249	624227.7	4266203.24	1.53E-06	4.85E-07	2.01E-06	1.28E-06	3.63E-07	1.64E-06	3.02E-07	9.29E-08	3.95E-07	2.36E-07	4.48E-08	2.80E-07
5250	624224.18	4266194.36	1.52E-06	4.83E-07	2.00E-06	1.27E-06	3.62E-07	1.63E-06	3.01E-07	9.26E-08	3.94E-07	2.35E-07	4.46E-08	2.79E-07

5251	624220.67	4266185.49	1.51E-06	4.81E-07	1.99E-06	1.27E-06	3.60E-07	1.63E-06	3.00E-07	9.21E-08	3.92E-07	2.34E-07	4.44E-08	2.78E-07
5252	624217.15	4266176.61	1.50E-06	4.78E-07	1.98E-06	1.26E-06	3.58E-07	1.62E-06	2.98E-07	9.15E-08	3.89E-07	2.32E-07	4.41E-08	2.76E-07
5253	624213.63	4266167.74	1.49E-06	4.74E-07	1.97E-06	1.25E-06	3.55E-07	1.60E-06	2.95E-07	9.08E-08	3.86E-07	2.30E-07	4.38E-08	2.74E-07
5254	624449.27	4266295.02	2.61E-06	8.28E-07	3.43E-06	2.18E-06	6.20E-07	2.80E-06	5.16E-07	1.59E-07	6.75E-07	4.02E-07	7.64E-08	4.79E-07
5255	624459.16	4266295.2	2.66E-06	8.46E-07	3.51E-06	2.23E-06	6.33E-07	2.86E-06	5.27E-07	1.62E-07	6.89E-07	4.11E-07	7.80E-08	4.89E-07
5256	624469.05	4266295.38	2.72E-06	8.63E-07	3.58E-06	2.27E-06	6.46E-07	2.92E-06	5.38E-07	1.65E-07	7.03E-07	4.19E-07	7.96E-08	4.99E-07
5257	624478.94	4266295.55	2.77E-06	8.80E-07	3.65E-06	2.32E-06	6.59E-07	2.97E-06	5.48E-07	1.69E-07	7.17E-07	4.27E-07	8.12E-08	5.09E-07
5258	624488.83	4266295.73	2.82E-06	8.95E-07	3.71E-06	2.36E-06	6.70E-07	3.03E-06	5.58E-07	1.72E-07	7.30E-07	4.35E-07	8.26E-08	5.18E-07
5259	624498.72	4266295.91	2.86E-06	9.10E-07	3.77E-06	2.39E-06	6.81E-07	3.08E-06	5.67E-07	1.74E-07	7.41E-07	4.42E-07	8.39E-08	5.26E-07
5260	624577.83	4266297.32	3.07E-06	9.75E-07	4.04E-06	2.57E-06	7.30E-07	3.30E-06	6.07E-07	1.87E-07	7.94E-07	4.74E-07	9.00E-08	5.64E-07
5261	624587.72	4266297.49	3.08E-06	9.77E-07	4.05E-06	2.57E-06	7.32E-07	3.30E-06	6.09E-07	1.87E-07	7.96E-07	4.75E-07	9.02E-08	5.65E-07
5262	624597.61	4266297.67	3.08E-06	9.79E-07	4.06E-06	2.58E-06	7.33E-07	3.31E-06	6.10E-07	1.87E-07	7.97E-07	4.75E-07	9.03E-08	5.66E-07
5263	624607.5	4266297.85	3.08E-06	9.79E-07	4.06E-06	2.58E-06	7.33E-07	3.31E-06	6.10E-07	1.88E-07	7.98E-07	4.76E-07	9.04E-08	5.66E-07
5264	624617.39	4266298.02	3.08E-06	9.78E-07	4.06E-06	2.58E-06	7.33E-07	3.31E-06	6.10E-07	1.87E-07	7.97E-07	4.75E-07	9.03E-08	5.66E-07
5265	624627.28	4266298.2	3.07E-06	9.76E-07	4.05E-06	2.57E-06	7.31E-07	3.30E-06	6.08E-07	1.87E-07	7.95E-07	4.74E-07	9.01E-08	5.64E-07
5266	624637.17	4266298.38	3.06E-06	9.72E-07	4.03E-06	2.56E-06	7.28E-07	3.29E-06	6.06E-07	1.86E-07	7.92E-07	4.72E-07	8.97E-08	5.62E-07
5267	624666.84	4266298.91	3.00E-06	9.54E-07	3.96E-06	2.51E-06	7.14E-07	3.23E-06	5.95E-07	1.83E-07	7.77E-07	4.64E-07	8.81E-08	5.52E-07
5268	624676.73	4266299.08	2.98E-06	9.46E-07	3.93E-06	2.49E-06	7.09E-07	3.20E-06	5.90E-07	1.81E-07	7.71E-07	4.60E-07	8.73E-08	5.47E-07
5269	624686.61	4266299.26	2.95E-06	9.37E-07	3.89E-06	2.47E-06	7.02E-07	3.17E-06	5.84E-07	1.80E-07	7.64E-07	4.55E-07	8.65E-08	5.42E-07
5270	624696.5	4266299.44	2.92E-06	9.27E-07	3.84E-06	2.44E-06	6.94E-07	3.13E-06	5.78E-07	1.78E-07	7.55E-07	4.50E-07	8.55E-08	5.36E-07
5271	624706.39	4266299.61	2.88E-06	9.14E-07	3.79E-06	2.41E-06	6.84E-07	3.09E-06	5.70E-07	1.75E-07	7.45E-07	4.44E-07	8.44E-08	5.29E-07
5272	624716.28	4266299.79	2.84E-06	9.00E-07	3.74E-06	2.37E-06	6.74E-07	3.04E-06	5.61E-07	1.73E-07	7.34E-07	4.37E-07	8.31E-08	5.21E-07
5273	624726.17	4266299.97	2.79E-06	8.86E-07	3.67E-06	2.33E-06	6.63E-07	2.99E-06	5.52E-07	1.70E-07	7.22E-07	4.30E-07	8.17E-08	5.12E-07
5274	624341.18	4266314.45	1.79E-06	5.69E-07	2.36E-06	1.50E-06	4.26E-07	1.92E-06	3.55E-07	1.09E-07	4.64E-07	2.77E-07	5.25E-08	3.29E-07
5275	624332.42	4266310.65	1.77E-06	5.62E-07	2.33E-06	1.48E-06	4.21E-07	1.90E-06	3.50E-07	1.08E-07	4.58E-07	2.73E-07	5.19E-08	3.25E-07
5276	624323.66	4266306.84	1.75E-06	5.55E-07	2.30E-06	1.46E-06	4.15E-07	1.87E-06	3.46E-07	1.06E-07	4.52E-07	2.69E-07	5.12E-08	3.21E-07
5277	624314.91	4266303.04	1.72E-06	5.46E-07	2.27E-06	1.44E-06	4.09E-07	1.85E-06	3.41E-07	1.05E-07	4.45E-07	2.65E-07	5.04E-08	3.16E-07
5278	624306.15	4266299.24	1.69E-06	5.38E-07	2.23E-06	1.41E-06	4.03E-07	1.82E-06	3.35E-07	1.03E-07	4.38E-07	2.61E-07	4.96E-08	3.11E-07
5279	624297.39	4266295.43	1.66E-06	5.28E-07	2.19E-06	1.39E-06	3.95E-07	1.79E-06	3.29E-07	1.01E-07	4.30E-07	2.57E-07	4.87E-08	3.05E-07
5280	624288.63	4266291.63	1.63E-06	5.18E-07	2.15E-06	1.36E-06	3.88E-07	1.75E-06	3.23E-07	9.93E-08	4.22E-07	2.52E-07	4.78E-08	3.00E-07
5281	624279.88	4266287.83	1.60E-06	5.07E-07	2.11E-06	1.34E-06	3.80E-07	1.72E-06	3.16E-07	9.72E-08	4.14E-07	2.47E-07	4.68E-08	2.93E-07
5282	624271.12	4266284.02	1.56E-06	4.96E-07	2.06E-06	1.31E-06	3.72E-07	1.68E-06	3.09E-07	9.51E-08	4.04E-07	2.41E-07	4.58E-08	2.87E-07
5283	624262.36	4266280.22	1.53E-06	4.85E-07	2.01E-06	1.28E-06	3.63E-07	1.64E-06	3.02E-07	9.29E-08	3.95E-07	2.35E-07	4.47E-08	2.80E-07
5284	624253.6	4266276.42	1.49E-06	4.73E-07	1.96E-06	1.24E-06	3.54E-07	1.60E-06	2.95E-07	9.06E-08	3.85E-07	2.30E-07	4.36E-08	2.73E-07
5285	624244.85	4266272.61	1.45E-06	4.61E-07	1.91E-06	1.21E-06	3.45E-07	1.56E-06	2.87E-07	8.83E-08	3.75E-07	2.24E-07	4.25E-08	2.66E-07
5286	624236.09	4266268.81	1.41E-06	4.49E-07	1.86E-06	1.18E-06	3.36E-07	1.52E-06	2.80E-07	8.59E-08	3.66E-07	2.18E-07	4.14E-08	2.59E-07
5287	624223.81	4266256.13	1.38E-06	4.37E-07	1.81E-06	1.15E-06	3.27E-07	1.48E-06	2.73E-07	8.38E-08	3.56E-07	2.12E-07	4.04E-08	2.53E-07
5288	624220.3	4266247.26	1.38E-06	4.38E-07	1.82E-06	1.15E-06	3.28E-07	1.48E-06	2.73E-07	8.39E-08	3.57E-07	2.13E-07	4.04E-08	2.53E-07
5289	624216.78	4266238.38	1.38E-06	4.38E-07	1.82E-06	1.15E-06	3.28E-07	1.48E-06	2.73E-07	8.39E-08	3.57E-07	2.13E-07	4.04E-08	2.53E-07
5290	624213.26	4266229.51	1.38E-06	4.37E-07	1.81E-06	1.15E-06	3.27E-07	1.48E-06	2.73E-07	8.38E-08	3.56E-07	2.12E-07	4.04E-08	2.53E-07
5291	624209.74	4266220.63	1.37E-06	4.36E-07	1.81E-06	1.15E-06	3.27E-07	1.48E-06	2.72E-07	8.36E-08	3.56E-07	2.12E-07	4.03E-08	2.52E-07
5292	624206.22	4266211.75	1.37E-06	4.35E-07	1.81E-06	1.15E-06	3.26E-07	1.47E-06	2.71E-07	8.34E-08	3.55E-07	2.11E-07	4.02E-08	2.52E-07
5293	624202.71	4266202.88	1.37E-06	4.34E-07	1.80E-06	1.14E-06	3.25E-07	1.47E-06	2.70E-07	8.31E-08	3.53E-07	2.11E-07	4.00E-08	2.51E-07
5294	624199.19	4266194	1.36E-06	4.32E-07	1.79E-06	1.14E-06	3.23E-07	1.46E-06	2.69E-07	8.27E-08	3.52E-07	2.10E-07	3.98E-08	2.50E-07
5295	624195.67	4266185.13	1.35E-06	4.29E-07	1.78E-06	1.13E-06	3.21E-07	1.45E-06	2.67E-07	8.22E-08	3.49E-07	2.08E-07	3.96E-08	2.48E-07
5296	624192.15	4266176.25	1.34E-06	4.26E-07	1.77E-06	1.12E-06	3.19E-07	1.44E-06	2.65E-07	8.16E-08	3.47E-07	2.07E-07	3.93E-08	2.46E-07
5297	624188.63	4266167.38	1.33E-06	4.22E-07	1.75E-06	1.11E-06	3.16E-07	1.43E-06	2.63E-07	8.08E-08	3.44E-07	2.05E-07	3.89E-08	2.44E-07
5298	624349.94	4266318.25	1.81E-06	5.76E-07	2.39E-06	1.51E-06	4.31E-07	1.95E-06	3.59E-07	1.10E-07	4.69E-07	2.80E-07	5.31E-08	3.33E-07
5299	624359.82	4266318.43	1.86E-06	5.90E-07	2.45E-06	1.55E-06	4.42E-07	2.00E-06	3.68E-07	1.13E-07	4.81E-07	2.87E-07	5.45E-08	3.41E-07
5300	624369.71	4266318.61	1.91E-06	6.05E-07	2.51E-06	1.59E-06	4.53E-07	2.05E-06	3.77E-07	1.16E-07	4.93E-07	2.94E-07	5.59E-08	3.50E-07
5301	624379.6	4266318.78	1.95E-06	6.20E-07	2.57E-06	1.63E-06	4.64E-07	2.10E-06	3.86E-07	1.19E-07	5.05E-07	3.01E-07	5.72E-08	3.58E-07
5302	624389.49	4266318.96	2.00E-06	6.35E-07	2.63E-06	1.67E-06	4.75E-07	2.15E-06	3.96E-07	1.22E-07	5.17E-07	3.08E-07	5.86E-08	3.67E-07
5303	624399.38	4266319.14	2.05E-06	6.50E-07	2.70E-06	1.71E-06	4.87E-07	2.20E-06	4.05E-07	1.25E-07	5.30E-07	3.16E-07	6.00E-08	3.76E-07
5304	624409.27	4266319.31	2.10E-06	6.66E-07	2.76E-06	1.75E-06	4.99E-07	2.25E-06	4.15E-07	1.28E-07	5.43E-07	3.24E-07	6.15E-08	3.85E-07
5305	624419.16	4266319.49	2.15E-06	6.82E-07	2.83E-06	1.79E-06	5.10E-07	2.30E-06	4.25E-07	1.31E-07	5.55E-07	3.31E-07	6.29E-08	3.94E-07
5306	624448.83	4266320.02	2.29E-06	7.27E-07	3.02E-06	1.91E-06	5.44E-07	2.46E-06	4.53E-07	1.39E-07	5.92E-07	3.53E-07	6.71E-08	4.20E-07
5307	624458.72	4266320.19	2.33E-06	7.41E-07	3.08E-06	1.95E-06	5.55E-07	2.51E-06	4.62E-07	1.42E-07	6.04E-07	3.60E-07	6.84E-08	4.29E-07
5308	624468.61	4266320.37	2.38E-06	7.55E-07	3.13E-06	1.99E-06	5.65E-07	2.55E-06	4.71E-07	1.45E-07	6.15E-07	3.67E-07	6.97E-08	4.37E-07
5309	624478.49	4266320.55	2.42E-06	7.69E-07	3.19E-06	2.02E-06	5.75E-07	2.60E-06	4.79E-07	1.47E-07	6.26E-07	3.73E-07	7.09E-08	4.44E-07
5310	624488.38	4266320.72	2.46E-06	7.81E-07	3.24E-06	2.06E-06	5.85E-07	2.64E-06	4.87E-07	1.50E-07	6.37E-07	3.80E-07	7.21E-08	4.52E-07
5311	624498.27	4266320.9	2.50E-06	7.93E-07	3.29E-06	2.09E-06	5.93E-07	2.68E-06	4.94E-07	1.52E-07	6.46E-07	3.85E-07	7.31E-08	4.58E-07
5312	624527.94	4266321.43	2.58E-06	8.21E-07	3.40E-06	2.16E-06	6.14E-07	2.77E-06	5.12E-07	1.57E-07	6.69E-07	3.99E-07	7.57E-08	4.74E-07
5313	624537.83	4266321.61	2.61E-06	8.28E-07	3.44E-06	2.18E-06	6.20E-07	2.80E-06	5.16E-07	1.59E-07	6.75E-07	4.02E-07	7.64E-08	4.79E-07
5314	624547.72	4266321.78	2.63E-06	8.35E-07	3.46E-06	2.20E-06	6.25E-07	2.82E-06	5.20E-07	1.60E-07	6.80E-07	4.06E-07	7.70E-08	4.83E-07
5315	624557.61	4266321.96	2.65E-06	8.40E-07	3.49E-06	2.21E-06	6.29E-07	2.84E-06	5.24E-07	1.61E-07	6.85E-07	4.08E-07	7.75E-08	4.86E-07
5316	624567.5	4266322.14	2.66E-06	8.44E-07	3.50E-06	2.22E-06	6.32E-07	2.85E-06	5.26E-07	1.62E-07	6.88E-07	4.10E-07	7.79E-08	4.88E-07
5317	624577.39	4266322.31	2.67E-06	8.48E-07	3.52E-06	2.23E-06	6.35E-07	2.87E-06	5.28E-07	1.62E-07	6.91E-07	4.12E-07	7.82E-08	4.90E-07
5318	624587.28	4266322.49	2.68E-06	8.50E-07	3.53E-06	2.24E-06	6.37E-07	2.87E-06	5.30E-07	1.63E-07	6.93E-07	4.13E-07	7.85E-08	4.92E-07
5319	624597.17	4266322.67	2.68E-06	8.52E-07	3.53E-06	2.24E-06	6.38E-07	2.88E-06	5.31E-07	1.63E-07	6.94E-07	4.14E-07	7.86E-08	4.92E-07
5320	624607.05	4266322.84	2.68E-06	8.52E-07	3.54E-06	2.24E-06	6.38E-07	2.88E-06	5.31E-07	1.63E-07	6.95E-07	4.14E-07	7.87E-08	4.93E-07
5321	624616.94	4266323.02	2.68E-06	8.52E-07	3.53E-06	2.24E-06	6.38E-07	2.88E-06	5.31E-07	1.63E-07	6.94E-07	4.14E-07	7.86E-08	4.92E-07
5322	624626.83	4266323.2	2.68E-06	8.50E-07	3.53E-06	2.24E-06	6.36E-07	2.87E-06	5.30E-07	1.63E-07	6.92E-07	4.13E-07	7.84E-08	4.91E-07
5323	624636.72	4266323.37	2.67E-06	8.47E-07	3.51E-06	2.23E-06	6.34E-07	2.86E-06	5.28E-07	1.62E-07	6.90E-07	4.11E-07	7.81E-08	4.89E-07
5324	624666.39	4266323.9	2.62E-06	8.32E-07	3.45E-06	2.19E-06	6.23E-07	2.81E-06	5.19E-07	1.59E-07	6.78E-07	4.04E-07	7.68E-08	4.81E-07

5325	624676.28	4266324.08	2.60E-06	8.25E-07	3.42E-06	2.17E-06	6.18E-07	2.79E-06	5.14E-07	1.58E-07	6.72E-07	4.01E-07	7.62E-08	4.77E-07
5326	624686.17	4266324.26	2.57E-06	8.18E-07	3.39E-06	2.15E-06	6.12E-07	2.76E-06	5.10E-07	1.57E-07	6.66E-07	3.97E-07	7.55E-08	4.73E-07
5327	624696.06	4266324.43	2.55E-06	8.09E-07	3.36E-06	2.13E-06	6.06E-07	2.73E-06	5.04E-07	1.55E-07	6.59E-07	3.93E-07	7.46E-08	4.68E-07
5328	624705.95	4266324.61	2.52E-06	7.99E-07	3.31E-06	2.10E-06	5.98E-07	2.70E-06	4.98E-07	1.53E-07	6.51E-07	3.88E-07	7.37E-08	4.62E-07
5329	624715.84	4266324.79	2.48E-06	7.88E-07	3.27E-06	2.07E-06	5.90E-07	2.66E-06	4.91E-07	1.51E-07	6.42E-07	3.83E-07	7.27E-08	4.56E-07
5330	624725.72	4266324.96	2.45E-06	7.77E-07	3.22E-06	2.04E-06	5.82E-07	2.63E-06	4.84E-07	1.49E-07	6.33E-07	3.77E-07	7.17E-08	4.49E-07
5331	624745.5	4266325.32	2.37E-06	7.53E-07	3.12E-06	1.98E-06	5.63E-07	2.54E-06	4.69E-07	1.44E-07	6.13E-07	3.66E-07	6.95E-08	4.35E-07
5332	624755.39	4266325.49	2.33E-06	7.40E-07	3.07E-06	1.95E-06	5.54E-07	2.50E-06	4.61E-07	1.42E-07	6.03E-07	3.59E-07	6.82E-08	4.28E-07
5333	624765.28	4266325.67	2.29E-06	7.26E-07	3.01E-06	1.91E-06	5.43E-07	2.45E-06	4.52E-07	1.39E-07	5.91E-07	3.53E-07	6.70E-08	4.20E-07
5334	624775.17	4266325.85	2.24E-06	7.12E-07	2.95E-06	1.87E-06	5.33E-07	2.41E-06	4.44E-07	1.36E-07	5.80E-07	3.46E-07	6.57E-08	4.12E-07
5335	624785.06	4266326.02	2.20E-06	6.97E-07	2.89E-06	1.84E-06	5.22E-07	2.36E-06	4.35E-07	1.34E-07	5.68E-07	3.39E-07	6.44E-08	4.03E-07
5336	624794.95	4266326.2	2.15E-06	6.83E-07	2.83E-06	1.80E-06	5.11E-07	2.31E-06	4.26E-07	1.31E-07	5.56E-07	3.32E-07	6.30E-08	3.95E-07
5337	624804.84	4266326.38	2.10E-06	6.68E-07	2.77E-06	1.76E-06	5.00E-07	2.26E-06	4.16E-07	1.28E-07	5.44E-07	3.25E-07	6.17E-08	3.86E-07
5338	624844.4	4266327.08	1.91E-06	6.05E-07	2.51E-06	1.59E-06	4.53E-07	2.05E-06	3.77E-07	1.16E-07	4.93E-07	2.94E-07	5.59E-08	3.50E-07
5339	624340.73	4266339.44	1.64E-06	5.22E-07	2.16E-06	1.37E-06	3.91E-07	1.76E-06	3.25E-07	1.00E-07	4.25E-07	2.54E-07	4.82E-08	3.02E-07
5340	624331.97	4266335.64	1.63E-06	5.16E-07	2.14E-06	1.36E-06	3.87E-07	1.75E-06	3.22E-07	9.90E-08	4.21E-07	2.51E-07	4.77E-08	2.99E-07
5341	624323.22	4266331.84	1.61E-06	5.11E-07	2.12E-06	1.34E-06	3.82E-07	1.73E-06	3.18E-07	9.78E-08	4.16E-07	2.48E-07	4.71E-08	2.95E-07
5342	624314.46	4266328.04	1.59E-06	5.04E-07	2.09E-06	1.33E-06	3.77E-07	1.70E-06	3.14E-07	9.66E-08	4.11E-07	2.45E-07	4.65E-08	2.91E-07
5343	624305.7	4266324.23	1.57E-06	4.97E-07	2.06E-06	1.31E-06	3.72E-07	1.68E-06	3.10E-07	9.53E-08	4.05E-07	2.42E-07	4.59E-08	2.87E-07
5344	624296.94	4266320.43	1.54E-06	4.90E-07	2.03E-06	1.29E-06	3.67E-07	1.66E-06	3.05E-07	9.39E-08	3.99E-07	2.38E-07	4.52E-08	2.83E-07
5345	624288.19	4266316.63	1.52E-06	4.82E-07	2.00E-06	1.27E-06	3.61E-07	1.63E-06	3.00E-07	9.24E-08	3.93E-07	2.34E-07	4.45E-08	2.79E-07
5346	624279.43	4266312.82	1.49E-06	4.74E-07	1.97E-06	1.25E-06	3.55E-07	1.60E-06	2.95E-07	9.08E-08	3.86E-07	2.30E-07	4.37E-08	2.74E-07
5347	624270.67	4266309.02	1.46E-06	4.65E-07	1.93E-06	1.22E-06	3.48E-07	1.57E-06	2.90E-07	8.91E-08	3.79E-07	2.26E-07	4.29E-08	2.69E-07
5348	624261.92	4266305.22	1.44E-06	4.56E-07	1.89E-06	1.20E-06	3.41E-07	1.54E-06	2.84E-07	8.73E-08	3.71E-07	2.21E-07	4.21E-08	2.63E-07
5349	624253.16	4266301.41	1.40E-06	4.46E-07	1.85E-06	1.17E-06	3.34E-07	1.51E-06	2.78E-07	8.55E-08	3.64E-07	2.17E-07	4.12E-08	2.58E-07
5350	624244.4	4266297.61	1.37E-06	4.36E-07	1.81E-06	1.15E-06	3.27E-07	1.47E-06	2.72E-07	8.36E-08	3.55E-07	2.12E-07	4.03E-08	2.52E-07
5351	624235.64	4266293.81	1.34E-06	4.26E-07	1.77E-06	1.12E-06	3.19E-07	1.44E-06	2.66E-07	8.16E-08	3.47E-07	2.07E-07	3.93E-08	2.46E-07
5352	624226.89	4266290	1.31E-06	4.16E-07	1.73E-06	1.09E-06	3.11E-07	1.41E-06	2.59E-07	7.97E-08	3.39E-07	2.02E-07	3.84E-08	2.40E-07
5353	624218.13	4266286.2	1.28E-06	4.06E-07	1.68E-06	1.07E-06	3.04E-07	1.37E-06	2.53E-07	7.77E-08	3.31E-07	1.97E-07	3.74E-08	2.35E-07
5354	624205.85	4266273.52	1.25E-06	3.96E-07	1.64E-06	1.04E-06	2.97E-07	1.34E-06	2.47E-07	7.59E-08	3.23E-07	1.93E-07	3.66E-08	2.29E-07
5355	624202.34	4266264.65	1.25E-06	3.97E-07	1.65E-06	1.04E-06	2.97E-07	1.34E-06	2.47E-07	7.60E-08	3.23E-07	1.93E-07	3.66E-08	2.29E-07
5356	624198.82	4266255.77	1.25E-06	3.97E-07	1.65E-06	1.04E-06	2.97E-07	1.34E-06	2.47E-07	7.60E-08	3.23E-07	1.93E-07	3.66E-08	2.29E-07
5357	624195.3	4266246.89	1.25E-06	3.96E-07	1.64E-06	1.04E-06	2.97E-07	1.34E-06	2.47E-07	7.60E-08	3.23E-07	1.93E-07	3.66E-08	2.29E-07
5358	624191.78	4266238.02	1.25E-06	3.96E-07	1.64E-06	1.04E-06	2.96E-07	1.34E-06	2.47E-07	7.58E-08	3.23E-07	1.92E-07	3.65E-08	2.29E-07
5359	624188.26	4266229.14	1.24E-06	3.95E-07	1.64E-06	1.04E-06	2.96E-07	1.33E-06	2.46E-07	7.57E-08	3.22E-07	1.92E-07	3.64E-08	2.28E-07
5360	624184.74	4266220.27	1.24E-06	3.94E-07	1.63E-06	1.04E-06	2.95E-07	1.33E-06	2.45E-07	7.54E-08	3.21E-07	1.91E-07	3.63E-08	2.28E-07
5361	624181.23	4266211.39	1.23E-06	3.92E-07	1.63E-06	1.03E-06	2.94E-07	1.33E-06	2.44E-07	7.51E-08	3.20E-07	1.91E-07	3.62E-08	2.27E-07
5362	624177.71	4266202.52	1.23E-06	3.90E-07	1.62E-06	1.03E-06	2.92E-07	1.32E-06	2.43E-07	7.48E-08	3.18E-07	1.90E-07	3.60E-08	2.26E-07
5363	624174.19	4266193.64	1.22E-06	3.88E-07	1.61E-06	1.02E-06	2.90E-07	1.31E-06	2.42E-07	7.43E-08	3.16E-07	1.89E-07	3.58E-08	2.24E-07
5364	624170.67	4266184.77	1.21E-06	3.85E-07	1.60E-06	1.01E-06	2.88E-07	1.30E-06	2.40E-07	7.38E-08	3.14E-07	1.87E-07	3.55E-08	2.23E-07
5365	624167.15	4266175.89	1.20E-06	3.82E-07	1.58E-06	1.01E-06	2.86E-07	1.29E-06	2.38E-07	7.32E-08	3.11E-07	1.86E-07	3.52E-08	2.21E-07
5366	624163.64	4266167.01	1.19E-06	3.78E-07	1.57E-06	9.95E-07	2.83E-07	1.28E-06	2.36E-07	7.25E-08	3.08E-07	1.84E-07	3.49E-08	2.19E-07
5367	624349.49	4266343.25	1.66E-06	5.26E-07	2.18E-06	1.39E-06	3.94E-07	1.78E-06	3.28E-07	1.01E-07	4.29E-07	2.56E-07	4.86E-08	3.04E-07
5368	624359.38	4266343.42	1.69E-06	5.38E-07	2.23E-06	1.42E-06	4.03E-07	1.82E-06	3.35E-07	1.03E-07	4.39E-07	2.62E-07	4.97E-08	3.11E-07
5369	624369.27	4266343.6	1.73E-06	5.50E-07	2.28E-06	1.45E-06	4.12E-07	1.86E-06	3.43E-07	1.05E-07	4.48E-07	2.67E-07	5.08E-08	3.18E-07
5370	624379.16	4266343.78	1.77E-06	5.62E-07	2.33E-06	1.48E-06	4.21E-07	1.90E-06	3.50E-07	1.08E-07	4.58E-07	2.73E-07	5.18E-08	3.25E-07
5371	624389.05	4266343.95	1.81E-06	5.74E-07	2.38E-06	1.51E-06	4.30E-07	1.94E-06	3.58E-07	1.10E-07	4.68E-07	2.79E-07	5.29E-08	3.32E-07
5372	624398.93	4266344.13	1.84E-06	5.86E-07	2.43E-06	1.54E-06	4.39E-07	1.98E-06	3.65E-07	1.12E-07	4.77E-07	2.85E-07	5.41E-08	3.39E-07
5373	624408.82	4266344.31	1.88E-06	5.98E-07	2.48E-06	1.57E-06	4.48E-07	2.02E-06	3.73E-07	1.15E-07	4.87E-07	2.91E-07	5.52E-08	3.46E-07
5374	624418.71	4266344.48	1.92E-06	6.10E-07	2.53E-06	1.61E-06	4.57E-07	2.06E-06	3.80E-07	1.17E-07	4.97E-07	2.96E-07	5.63E-08	3.53E-07
5375	624448.38	4266345.01	2.03E-06	6.45E-07	2.68E-06	1.70E-06	4.83E-07	2.18E-06	4.02E-07	1.24E-07	5.26E-07	3.14E-07	5.96E-08	3.73E-07
5376	624458.27	4266345.19	2.07E-06	6.57E-07	2.73E-06	1.73E-06	4.92E-07	2.22E-06	4.09E-07	1.26E-07	5.35E-07	3.19E-07	6.06E-08	3.80E-07
5377	624468.16	4266345.37	2.10E-06	6.68E-07	2.77E-06	1.76E-06	5.00E-07	2.26E-06	4.16E-07	1.28E-07	5.44E-07	3.25E-07	6.17E-08	3.86E-07
5378	624478.05	4266345.54	2.14E-06	6.79E-07	2.82E-06	1.79E-06	5.08E-07	2.29E-06	4.23E-07	1.30E-07	5.53E-07	3.30E-07	6.26E-08	3.92E-07
5379	624487.94	4266345.72	2.17E-06	6.89E-07	2.86E-06	1.81E-06	5.16E-07	2.33E-06	4.29E-07	1.32E-07	5.61E-07	3.35E-07	6.36E-08	3.98E-07
5380	624497.83	4266345.9	2.20E-06	6.98E-07	2.90E-06	1.84E-06	5.23E-07	2.36E-06	4.35E-07	1.34E-07	5.69E-07	3.39E-07	6.44E-08	4.03E-07
5381	624527.49	4266346.43	2.27E-06	7.21E-07	2.99E-06	1.90E-06	5.40E-07	2.44E-06	4.49E-07	1.38E-07	5.88E-07	3.50E-07	6.66E-08	4.17E-07
5382	624537.38	4266346.6	2.29E-06	7.27E-07	3.02E-06	1.91E-06	5.45E-07	2.46E-06	4.53E-07	1.39E-07	5.93E-07	3.53E-07	6.71E-08	4.21E-07
5383	624547.27	4266346.78	2.31E-06	7.33E-07	3.04E-06	1.93E-06	5.49E-07	2.48E-06	4.57E-07	1.40E-07	5.97E-07	3.56E-07	6.76E-08	4.24E-07
5384	624557.16	4266346.96	2.32E-06	7.37E-07	3.06E-06	1.94E-06	5.52E-07	2.49E-06	4.60E-07	1.41E-07	6.01E-07	3.58E-07	6.81E-08	4.26E-07
5385	624567.05	4266347.13	2.33E-06	7.41E-07	3.07E-06	1.95E-06	5.55E-07	2.51E-06	4.62E-07	1.42E-07	6.04E-07	3.60E-07	6.84E-08	4.29E-07
5386	624576.94	4266347.31	2.34E-06	7.44E-07	3.09E-06	1.96E-06	5.57E-07	2.52E-06	4.64E-07	1.43E-07	6.06E-07	3.62E-07	6.87E-08	4.30E-07
5387	624586.83	4266347.49	2.35E-06	7.46E-07	3.10E-06	1.96E-06	5.59E-07	2.52E-06	4.65E-07	1.43E-07	6.08E-07	3.63E-07	6.89E-08	4.31E-07
5388	624596.72	4266347.66	2.35E-06	7.48E-07	3.10E-06	1.97E-06	5.60E-07	2.53E-06	4.66E-07	1.43E-07	6.09E-07	3.63E-07	6.90E-08	4.32E-07
5389	624606.61	4266347.84	2.36E-06	7.48E-07	3.10E-06	1.97E-06	5.60E-07	2.53E-06	4.66E-07	1.43E-07	6.10E-07	3.64E-07	6.91E-08	4.33E-07
5390	624616.5	4266348.02	2.35E-06	7.48E-07	3.10E-06	1.97E-06	5.60E-07	2.53E-06	4.66E-07	1.43E-07	6.09E-07	3.63E-07	6.90E-08	4.32E-07
5391	624626.39	4266348.19	2.35E-06	7.46E-07	3.10E-06	1.96E-06	5.59E-07	2.52E-06	4.65E-07	1.43E-07	6.08E-07	3.63E-07	6.89E-08	4.31E-07
5392	624665.94	4266348.9	2.31E-06	7.32E-07	3.04E-06	1.93E-06	5.48E-07	2.48E-06	4.56E-07	1.40E-07	5.97E-07	3.56E-07	6.76E-08	4.23E-07
5393	624675.83	4266349.08	2.29E-06	7.27E-07	3.02E-06	1.91E-06	5.44E-07	2.46E-06	4.53E-07	1.39E-07	5.92E-07	3.53E-07	6.71E-08	4.20E-07
5394	624685.72	4266349.25	2.27E-06	7.20E-07	2.99E-06	1.90E-06	5.39E-07	2.44E-06	4.49E-07	1.38E-07	5.87E-07	3.50E-07	6.65E-08	4.17E-07
5395	624695.61	4266349.43	2.25E-06	7.13E-07	2.96E-06	1.88E-06	5.34E-07	2.41E-06	4.45E-07	1.37E-07	5.81E-07	3.47E-07	6.58E-08	4.12E-07
5396	624705.5	4266349.61	2.22E-06	7.05E-07	2.93E-06	1.86E-06	5.28E-07	2.38E-06	4.39E-07	1.35E-07	5.75E-07	3.43E-07	6.51E-08	4.08E-07
5397	624715.39	4266349.78	2.19E-06	6.97E-07	2.89E-06	1.83E-06	5.22E-07	2.35E-06	4.34E-07	1.33E-07	5.68E-07	3.38E-07	6.43E-08	4.03E-07
5398	624725.28	4266349.96	2.17E-06	6.88E-07	2.85E-06	1.81E-06	5.15E-07	2.33E-06	4.29E-07	1.32E-07	5.60E-07	3.34E-07	6.35E-08	3.98E-07

5399	624754.95	4266350.49	2.07E-06	6.58E-07	2.73E-06	1.73E-06	4.93E-07	2.22E-06	4.10E-07	1.26E-07	5.36E-07	3.20E-07	6.07E-08	3.80E-07
5400	624764.84	4266350.67	2.04E-06	6.47E-07	2.68E-06	1.70E-06	4.84E-07	2.19E-06	4.03E-07	1.24E-07	5.27E-07	3.14E-07	5.97E-08	3.74E-07
5401	624774.72	4266350.84	2.00E-06	6.35E-07	2.64E-06	1.67E-06	4.76E-07	2.15E-06	3.96E-07	1.22E-07	5.18E-07	3.09E-07	5.86E-08	3.67E-07
5402	624784.61	4266351.02	1.96E-06	6.24E-07	2.59E-06	1.64E-06	4.67E-07	2.11E-06	3.89E-07	1.20E-07	5.08E-07	3.03E-07	5.76E-08	3.61E-07
5403	624794.5	4266351.2	1.93E-06	6.12E-07	2.54E-06	1.61E-06	4.58E-07	2.07E-06	3.81E-07	1.17E-07	4.99E-07	2.97E-07	5.65E-08	3.54E-07
5404	624804.39	4266351.37	1.89E-06	6.00E-07	2.49E-06	1.58E-06	4.49E-07	2.03E-06	3.74E-07	1.15E-07	4.89E-07	2.92E-07	5.54E-08	3.47E-07
5405	624843.95	4266352.08	1.73E-06	5.50E-07	2.28E-06	1.45E-06	4.12E-07	1.86E-06	3.43E-07	1.05E-07	4.48E-07	2.67E-07	5.08E-08	3.18E-07
5406	624340.29	4266364.44	1.51E-06	4.80E-07	1.99E-06	1.26E-06	3.60E-07	1.62E-06	2.99E-07	9.20E-08	3.91E-07	2.33E-07	4.43E-08	2.78E-07
5407	624331.53	4266360.64	1.50E-06	4.76E-07	1.98E-06	1.25E-06	3.57E-07	1.61E-06	2.97E-07	9.13E-08	3.88E-07	2.32E-07	4.40E-08	2.75E-07
5408	624322.77	4266356.83	1.49E-06	4.72E-07	1.96E-06	1.24E-06	3.53E-07	1.60E-06	2.94E-07	9.04E-08	3.85E-07	2.29E-07	4.36E-08	2.73E-07
5409	624314.01	4266353.03	1.47E-06	4.67E-07	1.94E-06	1.23E-06	3.50E-07	1.58E-06	2.91E-07	8.94E-08	3.80E-07	2.27E-07	4.31E-08	2.70E-07
5410	624305.26	4266349.23	1.45E-06	4.61E-07	1.91E-06	1.21E-06	3.45E-07	1.56E-06	2.88E-07	8.84E-08	3.76E-07	2.24E-07	4.26E-08	2.67E-07
5411	624296.5	4266345.43	1.43E-06	4.56E-07	1.89E-06	1.20E-06	3.41E-07	1.54E-06	2.84E-07	8.73E-08	3.71E-07	2.21E-07	4.20E-08	2.63E-07
5412	624287.74	4266341.62	1.41E-06	4.49E-07	1.86E-06	1.18E-06	3.36E-07	1.52E-06	2.80E-07	8.61E-08	3.66E-07	2.18E-07	4.15E-08	2.60E-07
5413	624278.98	4266337.82	1.39E-06	4.43E-07	1.84E-06	1.17E-06	3.31E-07	1.50E-06	2.76E-07	8.48E-08	3.61E-07	2.15E-07	4.09E-08	2.56E-07
5414	624270.23	4266334.02	1.37E-06	4.36E-07	1.81E-06	1.15E-06	3.26E-07	1.47E-06	2.72E-07	8.35E-08	3.55E-07	2.12E-07	4.02E-08	2.52E-07
5415	624261.47	4266330.21	1.35E-06	4.28E-07	1.78E-06	1.13E-06	3.21E-07	1.45E-06	2.67E-07	8.21E-08	3.49E-07	2.08E-07	3.95E-08	2.48E-07
5416	624252.71	4266326.41	1.32E-06	4.21E-07	1.75E-06	1.11E-06	3.15E-07	1.42E-06	2.62E-07	8.06E-08	3.43E-07	2.04E-07	3.88E-08	2.43E-07
5417	624243.95	4266322.61	1.30E-06	4.13E-07	1.71E-06	1.09E-06	3.09E-07	1.39E-06	2.57E-07	7.90E-08	3.36E-07	2.00E-07	3.81E-08	2.39E-07
5418	624235.2	4266318.8	1.27E-06	4.04E-07	1.68E-06	1.06E-06	3.03E-07	1.37E-06	2.52E-07	7.74E-08	3.29E-07	1.96E-07	3.73E-08	2.34E-07
5419	624226.44	4266315	1.25E-06	3.96E-07	1.64E-06	1.04E-06	2.96E-07	1.34E-06	2.47E-07	7.58E-08	3.22E-07	1.92E-07	3.65E-08	2.29E-07
5420	624217.68	4266311.2	1.22E-06	3.87E-07	1.61E-06	1.02E-06	2.90E-07	1.31E-06	2.41E-07	7.41E-08	3.15E-07	1.88E-07	3.57E-08	2.24E-07
5421	624208.93	4266307.39	1.19E-06	3.78E-07	1.57E-06	9.96E-07	2.83E-07	1.28E-06	2.36E-07	7.25E-08	3.08E-07	1.84E-07	3.49E-08	2.19E-07
5422	624200.17	4266303.59	1.16E-06	3.70E-07	1.53E-06	9.73E-07	2.77E-07	1.25E-06	2.30E-07	7.08E-08	3.01E-07	1.80E-07	3.41E-08	2.14E-07
5423	624187.89	4266290.91	1.14E-06	3.61E-07	1.50E-06	9.51E-07	2.71E-07	1.22E-06	2.25E-07	6.92E-08	2.94E-07	1.76E-07	3.34E-08	2.09E-07
5424	624184.37	4266282.04	1.14E-06	3.62E-07	1.50E-06	9.52E-07	2.71E-07	1.22E-06	2.25E-07	6.93E-08	2.95E-07	1.76E-07	3.34E-08	2.09E-07
5425	624180.86	4266273.16	1.14E-06	3.62E-07	1.50E-06	9.52E-07	2.71E-07	1.22E-06	2.25E-07	6.93E-08	2.95E-07	1.76E-07	3.34E-08	2.09E-07
5426	624177.34	4266264.28	1.14E-06	3.62E-07	1.50E-06	9.52E-07	2.71E-07	1.22E-06	2.25E-07	6.93E-08	2.95E-07	1.76E-07	3.34E-08	2.09E-07
5427	624173.82	4266255.41	1.14E-06	3.61E-07	1.50E-06	9.51E-07	2.70E-07	1.22E-06	2.25E-07	6.92E-08	2.94E-07	1.75E-07	3.33E-08	2.09E-07
5428	624170.3	4266246.53	1.14E-06	3.60E-07	1.50E-06	9.49E-07	2.70E-07	1.22E-06	2.25E-07	6.91E-08	2.94E-07	1.75E-07	3.33E-08	2.08E-07
5429	624166.78	4266237.66	1.13E-06	3.60E-07	1.49E-06	9.46E-07	2.69E-07	1.22E-06	2.24E-07	6.89E-08	2.93E-07	1.75E-07	3.32E-08	2.08E-07
5430	624163.27	4266228.78	1.13E-06	3.58E-07	1.49E-06	9.43E-07	2.68E-07	1.21E-06	2.23E-07	6.87E-08	2.92E-07	1.74E-07	3.31E-08	2.07E-07
5431	624159.75	4266219.91	1.12E-06	3.57E-07	1.48E-06	9.39E-07	2.67E-07	1.21E-06	2.22E-07	6.84E-08	2.91E-07	1.73E-07	3.29E-08	2.06E-07
5432	624156.23	4266211.03	1.12E-06	3.55E-07	1.47E-06	9.35E-07	2.66E-07	1.20E-06	2.21E-07	6.81E-08	2.89E-07	1.73E-07	3.28E-08	2.05E-07
5433	624152.71	4266202.15	1.11E-06	3.53E-07	1.47E-06	9.29E-07	2.64E-07	1.19E-06	2.20E-07	6.77E-08	2.88E-07	1.72E-07	3.26E-08	2.04E-07
5434	624149.19	4266193.28	1.10E-06	3.51E-07	1.45E-06	9.23E-07	2.63E-07	1.19E-06	2.19E-07	6.72E-08	2.86E-07	1.70E-07	3.24E-08	2.03E-07
5435	624145.67	4266184.4	1.10E-06	3.48E-07	1.44E-06	9.15E-07	2.60E-07	1.18E-06	2.17E-07	6.66E-08	2.83E-07	1.69E-07	3.21E-08	2.01E-07
5436	624142.16	4266175.53	1.09E-06	3.45E-07	1.43E-06	9.07E-07	2.58E-07	1.16E-06	2.15E-07	6.60E-08	2.81E-07	1.67E-07	3.18E-08	1.99E-07
5437	624138.64	4266166.65	1.07E-06	3.41E-07	1.42E-06	8.98E-07	2.55E-07	1.15E-06	2.13E-07	6.53E-08	2.78E-07	1.66E-07	3.15E-08	1.97E-07
5438	624349.04	4266368.24	1.52E-06	4.84E-07	2.01E-06	1.27E-06	3.62E-07	1.64E-06	3.01E-07	9.27E-08	3.94E-07	2.35E-07	4.46E-08	2.80E-07
5439	624358.93	4266368.42	1.55E-06	4.93E-07	2.05E-06	1.30E-06	3.69E-07	1.67E-06	3.07E-07	9.45E-08	4.02E-07	2.40E-07	4.55E-08	2.85E-07
5440	624368.82	4266368.6	1.58E-06	5.03E-07	2.09E-06	1.32E-06	3.77E-07	1.70E-06	3.13E-07	9.64E-08	4.10E-07	2.44E-07	4.64E-08	2.91E-07
5441	624378.71	4266368.77	1.61E-06	5.12E-07	2.13E-06	1.35E-06	3.84E-07	1.73E-06	3.19E-07	9.82E-08	4.18E-07	2.49E-07	4.73E-08	2.96E-07
5442	624388.6	4266368.95	1.64E-06	5.22E-07	2.17E-06	1.37E-06	3.91E-07	1.76E-06	3.25E-07	1.00E-07	4.25E-07	2.54E-07	4.82E-08	3.02E-07
5443	624398.49	4266369.13	1.67E-06	5.31E-07	2.21E-06	1.40E-06	3.98E-07	1.80E-06	3.31E-07	1.02E-07	4.33E-07	2.58E-07	4.91E-08	3.07E-07
5444	624408.38	4266369.3	1.70E-06	5.41E-07	2.24E-06	1.42E-06	4.05E-07	1.83E-06	3.37E-07	1.04E-07	4.41E-07	2.63E-07	4.99E-08	3.13E-07
5445	624418.27	4266369.48	1.73E-06	5.50E-07	2.28E-06	1.45E-06	4.12E-07	1.86E-06	3.43E-07	1.05E-07	4.49E-07	2.67E-07	5.08E-08	3.18E-07
5446	624447.93	4266370.01	1.82E-06	5.78E-07	2.40E-06	1.52E-06	4.33E-07	1.96E-06	3.60E-07	1.11E-07	4.71E-07	2.81E-07	5.34E-08	3.34E-07
5447	624457.82	4266370.19	1.85E-06	5.87E-07	2.44E-06	1.55E-06	4.40E-07	1.99E-06	3.66E-07	1.13E-07	4.79E-07	2.85E-07	5.42E-08	3.40E-07
5448	624467.71	4266370.36	1.88E-06	5.96E-07	2.47E-06	1.57E-06	4.46E-07	2.02E-06	3.72E-07	1.14E-07	4.86E-07	2.90E-07	5.50E-08	3.45E-07
5449	624477.6	4266370.54	1.90E-06	6.05E-07	2.51E-06	1.59E-06	4.53E-07	2.04E-06	3.77E-07	1.16E-07	4.93E-07	2.94E-07	5.58E-08	3.50E-07
5450	624487.49	4266370.72	1.93E-06	6.13E-07	2.54E-06	1.61E-06	4.59E-07	2.07E-06	3.82E-07	1.17E-07	4.99E-07	2.98E-07	5.65E-08	3.54E-07
5451	624497.38	4266370.89	1.95E-06	6.20E-07	2.57E-06	1.63E-06	4.64E-07	2.10E-06	3.86E-07	1.19E-07	5.05E-07	3.01E-07	5.72E-08	3.59E-07
5452	624527.05	4266371.42	2.01E-06	6.39E-07	2.65E-06	1.68E-06	4.79E-07	2.16E-06	3.98E-07	1.22E-07	5.21E-07	3.11E-07	5.90E-08	3.70E-07
5453	624536.94	4266371.6	2.03E-06	6.44E-07	2.67E-06	1.70E-06	4.82E-07	2.18E-06	4.02E-07	1.23E-07	5.25E-07	3.13E-07	5.95E-08	3.73E-07
5454	624546.83	4266371.78	2.04E-06	6.49E-07	2.69E-06	1.71E-06	4.86E-07	2.19E-06	4.04E-07	1.24E-07	5.29E-07	3.15E-07	5.99E-08	3.75E-07
5455	624556.72	4266371.95	2.05E-06	6.53E-07	2.71E-06	1.72E-06	4.89E-07	2.21E-06	4.07E-07	1.25E-07	5.32E-07	3.17E-07	6.02E-08	3.77E-07
5456	624566.61	4266372.13	2.06E-06	6.56E-07	2.72E-06	1.73E-06	4.91E-07	2.22E-06	4.09E-07	1.26E-07	5.34E-07	3.19E-07	6.05E-08	3.79E-07
5457	624635.83	4266373.37	2.07E-06	6.58E-07	2.73E-06	1.73E-06	4.93E-07	2.23E-06	4.10E-07	1.26E-07	5.36E-07	3.20E-07	6.08E-08	3.81E-07
5458	624665.5	4266373.9	2.04E-06	6.49E-07	2.69E-06	1.71E-06	4.86E-07	2.20E-06	4.05E-07	1.24E-07	5.29E-07	3.16E-07	5.99E-08	3.75E-07
5459	624675.39	4266374.07	2.03E-06	6.45E-07	2.68E-06	1.70E-06	4.83E-07	2.18E-06	4.02E-07	1.24E-07	5.26E-07	3.13E-07	5.95E-08	3.73E-07
5460	624685.28	4266374.25	2.02E-06	6.40E-07	2.66E-06	1.68E-06	4.79E-07	2.16E-06	3.99E-07	1.23E-07	5.22E-07	3.11E-07	5.91E-08	3.70E-07
5461	624695.16	4266374.43	2.00E-06	6.34E-07	2.63E-06	1.67E-06	4.75E-07	2.14E-06	3.95E-07	1.22E-07	5.17E-07	3.08E-07	5.85E-08	3.67E-07
5462	624705.05	4266374.6	1.98E-06	6.28E-07	2.61E-06	1.65E-06	4.70E-07	2.12E-06	3.91E-07	1.20E-07	5.12E-07	3.05E-07	5.80E-08	3.63E-07
5463	624714.94	4266374.78	1.96E-06	6.21E-07	2.58E-06	1.64E-06	4.65E-07	2.10E-06	3.87E-07	1.19E-07	5.06E-07	3.02E-07	5.73E-08	3.59E-07
5464	624724.83	4266374.95	1.93E-06	6.14E-07	2.55E-06	1.62E-06	4.60E-07	2.08E-06	3.83E-07	1.18E-07	5.00E-07	2.98E-07	5.67E-08	3.55E-07
5465	624754.5	4266375.48	1.86E-06	5.89E-07	2.44E-06	1.55E-06	4.41E-07	1.99E-06	3.67E-07	1.13E-07	4.80E-07	2.86E-07	5.44E-08	3.41E-07
5466	624764.39	4266375.66	1.83E-06	5.80E-07	2.41E-06	1.53E-06	4.35E-07	1.96E-06	3.62E-07	1.11E-07	4.73E-07	2.82E-07	5.36E-08	3.36E-07
5467	624339.84	4266389.44	1.40E-06	4.44E-07	1.84E-06	1.17E-06	3.32E-07	1.50E-06	2.77E-07	8.51E-08	3.62E-07	2.16E-07	4.10E-08	2.57E-07
5468	624331.08	4266385.63	1.39E-06	4.41E-07	1.83E-06	1.16E-06	3.30E-07	1.49E-06	2.75E-07	8.45E-08	3.59E-07	2.14E-07	4.07E-08	2.55E-07
5469	624322.32	4266381.83	1.38E-06	4.38E-07	1.82E-06	1.15E-06	3.28E-07	1.48E-06	2.73E-07	8.39E-08	3.57E-07	2.13E-07	4.04E-08	2.53E-07
5470	624313.57	4266378.03	1.37E-06	4.34E-07	1.80E-06	1.14E-06	3.25E-07	1.47E-06	2.70E-07	8.31E-08	3.53E-07	2.11E-07	4.00E-08	2.51E-07
5471	624304.81	4266374.22	1.35E-06	4.29E-07	1.78E-06	1.13E-06	3.22E-07	1.45E-06	2.68E-07	8.23E-08	3.50E-07	2.09E-07	3.96E-08	2.48E-07
5472	624296.05	4266370.42	1.34E-06	4.25E-07	1.76E-06	1.12E-06	3.18E-07	1.44E-06	2.65E-07	8.14E-08	3.46E-07	2.06E-07	3.92E-08	2.46E-07

5473	624287.29	4266366.62	1.32E-06	4.20E-07	1.74E-06	1.10E-06	3.14E-07	1.42E-06	2.62E-07	8.04E-08	3.42E-07	2.04E-07	3.87E-08	2.43E-07
5474	624278.54	4266362.81	1.30E-06	4.14E-07	1.72E-06	1.09E-06	3.10E-07	1.40E-06	2.58E-07	7.94E-08	3.38E-07	2.01E-07	3.82E-08	2.40E-07
5475	624269.78	4266359.01	1.29E-06	4.09E-07	1.70E-06	1.08E-06	3.06E-07	1.38E-06	2.55E-07	7.83E-08	3.33E-07	1.99E-07	3.77E-08	2.36E-07
5476	624261.02	4266355.21	1.27E-06	4.03E-07	1.67E-06	1.06E-06	3.02E-07	1.36E-06	2.51E-07	7.72E-08	3.28E-07	1.96E-07	3.72E-08	2.33E-07
5477	624252.27	4266351.41	1.25E-06	3.97E-07	1.65E-06	1.04E-06	2.97E-07	1.34E-06	2.47E-07	7.60E-08	3.23E-07	1.93E-07	3.66E-08	2.29E-07
5478	624243.51	4266347.6	1.23E-06	3.90E-07	1.62E-06	1.03E-06	2.92E-07	1.32E-06	2.43E-07	7.47E-08	3.18E-07	1.90E-07	3.60E-08	2.25E-07
5479	624234.75	4266343.8	1.21E-06	3.83E-07	1.59E-06	1.01E-06	2.87E-07	1.30E-06	2.39E-07	7.34E-08	3.12E-07	1.86E-07	3.54E-08	2.22E-07
5480	624225.99	4266340	1.18E-06	3.76E-07	1.56E-06	9.90E-07	2.82E-07	1.27E-06	2.34E-07	7.21E-08	3.06E-07	1.83E-07	3.47E-08	2.17E-07
5481	624217.24	4266336.19	1.16E-06	3.69E-07	1.53E-06	9.71E-07	2.76E-07	1.25E-06	2.30E-07	7.07E-08	3.00E-07	1.79E-07	3.40E-08	2.13E-07
5482	624208.48	4266332.39	1.14E-06	3.61E-07	1.50E-06	9.51E-07	2.71E-07	1.22E-06	2.25E-07	6.92E-08	2.94E-07	1.76E-07	3.33E-08	2.09E-07
5483	624199.72	4266328.59	1.11E-06	3.54E-07	1.47E-06	9.31E-07	2.65E-07	1.20E-06	2.20E-07	6.78E-08	2.88E-07	1.72E-07	3.26E-08	2.05E-07
5484	624190.96	4266324.78	1.09E-06	3.46E-07	1.44E-06	9.11E-07	2.59E-07	1.17E-06	2.16E-07	6.63E-08	2.82E-07	1.68E-07	3.19E-08	2.00E-07
5485	624182.21	4266320.98	1.07E-06	3.39E-07	1.40E-06	8.91E-07	2.53E-07	1.14E-06	2.11E-07	6.49E-08	2.76E-07	1.65E-07	3.12E-08	1.96E-07
5486	624169.93	4266308.3	1.04E-06	3.31E-07	1.38E-06	8.72E-07	2.48E-07	1.12E-06	2.07E-07	6.35E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
5487	624166.41	4266299.43	1.04E-06	3.32E-07	1.38E-06	8.73E-07	2.48E-07	1.12E-06	2.07E-07	6.35E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
5488	624162.9	4266290.55	1.04E-06	3.32E-07	1.38E-06	8.73E-07	2.48E-07	1.12E-06	2.07E-07	6.36E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
5489	624159.38	4266281.67	1.04E-06	3.32E-07	1.38E-06	8.73E-07	2.48E-07	1.12E-06	2.07E-07	6.35E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
5490	624155.86	4266272.8	1.04E-06	3.31E-07	1.37E-06	8.72E-07	2.48E-07	1.12E-06	2.06E-07	6.35E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
5491	624152.34	4266263.92	1.04E-06	3.31E-07	1.37E-06	8.71E-07	2.48E-07	1.12E-06	2.06E-07	6.34E-08	2.70E-07	1.61E-07	3.05E-08	1.91E-07
5492	624148.82	4266255.05	1.04E-06	3.30E-07	1.37E-06	8.69E-07	2.47E-07	1.12E-06	2.06E-07	6.32E-08	2.69E-07	1.60E-07	3.05E-08	1.91E-07
5493	624145.3	4266246.17	1.04E-06	3.29E-07	1.37E-06	8.66E-07	2.46E-07	1.11E-06	2.05E-07	6.31E-08	2.68E-07	1.60E-07	3.04E-08	1.90E-07
5494	624141.79	4266237.3	1.03E-06	3.28E-07	1.36E-06	8.63E-07	2.46E-07	1.11E-06	2.04E-07	6.28E-08	2.67E-07	1.59E-07	3.03E-08	1.90E-07
5495	624138.27	4266228.42	1.03E-06	3.27E-07	1.35E-06	8.60E-07	2.45E-07	1.10E-06	2.04E-07	6.26E-08	2.66E-07	1.59E-07	3.01E-08	1.89E-07
5496	624134.75	4266219.54	1.02E-06	3.25E-07	1.35E-06	8.55E-07	2.43E-07	1.10E-06	2.03E-07	6.23E-08	2.65E-07	1.58E-07	3.00E-08	1.88E-07
5497	624131.23	4266210.67	1.02E-06	3.23E-07	1.34E-06	8.51E-07	2.42E-07	1.09E-06	2.01E-07	6.19E-08	2.63E-07	1.57E-07	2.98E-08	1.87E-07
5498	624127.71	4266201.79	1.01E-06	3.21E-07	1.33E-06	8.45E-07	2.40E-07	1.09E-06	2.00E-07	6.15E-08	2.62E-07	1.56E-07	2.96E-08	1.86E-07
5499	624124.2	4266192.92	1.00E-06	3.19E-07	1.32E-06	8.38E-07	2.39E-07	1.08E-06	1.99E-07	6.10E-08	2.60E-07	1.55E-07	2.94E-08	1.84E-07
5500	624348.6	4266393.24	1.41E-06	4.46E-07	1.85E-06	1.17E-06	3.34E-07	1.51E-06	2.78E-07	8.55E-08	3.64E-07	2.17E-07	4.12E-08	2.58E-07
5501	624358.49	4266393.42	1.43E-06	4.54E-07	1.88E-06	1.20E-06	3.40E-07	1.54E-06	2.83E-07	8.70E-08	3.70E-07	2.21E-07	4.19E-08	2.63E-07
5502	624368.37	4266393.59	1.45E-06	4.62E-07	1.92E-06	1.22E-06	3.46E-07	1.56E-06	2.88E-07	8.85E-08	3.76E-07	2.24E-07	4.26E-08	2.67E-07
5503	624378.26	4266393.77	1.48E-06	4.70E-07	1.95E-06	1.24E-06	3.52E-07	1.59E-06	2.93E-07	9.00E-08	3.83E-07	2.28E-07	4.33E-08	2.72E-07
5504	624388.15	4266393.95	1.50E-06	4.77E-07	1.98E-06	1.26E-06	3.57E-07	1.61E-06	2.98E-07	9.15E-08	3.89E-07	2.32E-07	4.41E-08	2.76E-07
5505	624398.04	4266394.12	1.53E-06	4.85E-07	2.01E-06	1.28E-06	3.63E-07	1.64E-06	3.02E-07	9.29E-08	3.95E-07	2.36E-07	4.48E-08	2.80E-07
5506	624407.93	4266394.3	1.55E-06	4.92E-07	2.04E-06	1.30E-06	3.69E-07	1.66E-06	3.07E-07	9.44E-08	4.01E-07	2.39E-07	4.54E-08	2.85E-07
5507	624417.82	4266394.48	1.57E-06	5.00E-07	2.07E-06	1.32E-06	3.74E-07	1.69E-06	3.12E-07	9.58E-08	4.07E-07	2.43E-07	4.61E-08	2.89E-07
5508	624447.49	4266395.01	1.64E-06	5.22E-07	2.17E-06	1.37E-06	3.91E-07	1.76E-06	3.25E-07	1.00E-07	4.25E-07	2.54E-07	4.82E-08	3.02E-07
5509	624457.38	4266395.18	1.67E-06	5.29E-07	2.20E-06	1.39E-06	3.96E-07	1.79E-06	3.30E-07	1.01E-07	4.31E-07	2.57E-07	4.88E-08	3.06E-07
5510	624467.27	4266395.36	1.69E-06	5.36E-07	2.22E-06	1.41E-06	4.01E-07	1.81E-06	3.34E-07	1.03E-07	4.37E-07	2.60E-07	4.95E-08	3.10E-07
5511	624477.16	4266395.54	1.71E-06	5.43E-07	2.25E-06	1.43E-06	4.06E-07	1.84E-06	3.38E-07	1.04E-07	4.42E-07	2.64E-07	5.01E-08	3.14E-07
5512	624487.05	4266395.71	1.73E-06	5.49E-07	2.28E-06	1.45E-06	4.11E-07	1.86E-06	3.42E-07	1.05E-07	4.48E-07	2.67E-07	5.07E-08	3.18E-07
5513	624496.93	4266395.89	1.75E-06	5.55E-07	2.30E-06	1.46E-06	4.16E-07	1.88E-06	3.46E-07	1.06E-07	4.52E-07	2.70E-07	5.12E-08	3.21E-07
5514	624506.82	4266396.07	1.77E-06	5.61E-07	2.33E-06	1.48E-06	4.20E-07	1.90E-06	3.50E-07	1.07E-07	4.57E-07	2.72E-07	5.18E-08	3.24E-07
5515	624566.16	4266397.13	1.84E-06	5.84E-07	2.42E-06	1.54E-06	4.37E-07	1.98E-06	3.64E-07	1.12E-07	4.76E-07	2.84E-07	5.39E-08	3.38E-07
5516	624576.05	4266397.3	1.85E-06	5.86E-07	2.43E-06	1.54E-06	4.39E-07	1.98E-06	3.65E-07	1.12E-07	4.78E-07	2.85E-07	5.41E-08	3.39E-07
5517	624585.94	4266397.48	1.85E-06	5.88E-07	2.44E-06	1.55E-06	4.40E-07	1.99E-06	3.66E-07	1.13E-07	4.79E-07	2.86E-07	5.43E-08	3.40E-07
5518	624595.83	4266397.66	1.85E-06	5.89E-07	2.44E-06	1.55E-06	4.41E-07	1.99E-06	3.67E-07	1.13E-07	4.80E-07	2.86E-07	5.43E-08	3.40E-07
5519	624605.72	4266397.83	1.86E-06	5.89E-07	2.44E-06	1.55E-06	4.41E-07	1.99E-06	3.67E-07	1.13E-07	4.80E-07	2.86E-07	5.44E-08	3.41E-07
5520	624615.6	4266398.01	1.85E-06	5.89E-07	2.44E-06	1.55E-06	4.41E-07	1.99E-06	3.67E-07	1.13E-07	4.80E-07	2.86E-07	5.43E-08	3.40E-07
5521	624625.49	4266398.18	1.85E-06	5.88E-07	2.44E-06	1.55E-06	4.40E-07	1.99E-06	3.66E-07	1.13E-07	4.79E-07	2.86E-07	5.43E-08	3.40E-07
5522	624635.38	4266398.36	1.85E-06	5.87E-07	2.43E-06	1.54E-06	4.39E-07	1.98E-06	3.66E-07	1.12E-07	4.78E-07	2.85E-07	5.42E-08	3.39E-07
5523	624724.39	4266399.95	1.74E-06	5.52E-07	2.29E-06	1.45E-06	4.13E-07	1.87E-06	3.44E-07	1.06E-07	4.50E-07	2.68E-07	5.09E-08	3.19E-07
5524	624734.28	4266400.13	1.72E-06	5.46E-07	2.26E-06	1.44E-06	4.08E-07	1.84E-06	3.40E-07	1.05E-07	4.45E-07	2.65E-07	5.03E-08	3.15E-07
5525	624744.16	4266400.3	1.70E-06	5.39E-07	2.23E-06	1.42E-06	4.03E-07	1.82E-06	3.36E-07	1.03E-07	4.39E-07	2.62E-07	4.97E-08	3.11E-07
5526	624754.05	4266400.48	1.67E-06	5.32E-07	2.21E-06	1.40E-06	3.98E-07	1.80E-06	3.31E-07	1.02E-07	4.33E-07	2.58E-07	4.91E-08	3.07E-07
5527	624763.94	4266400.66	1.65E-06	5.24E-07	2.18E-06	1.38E-06	3.93E-07	1.77E-06	3.27E-07	1.00E-07	4.27E-07	2.55E-07	4.84E-08	3.03E-07
5528	624773.83	4266400.83	1.63E-06	5.17E-07	2.15E-06	1.36E-06	3.87E-07	1.75E-06	3.22E-07	9.91E-08	4.21E-07	2.51E-07	4.77E-08	2.99E-07
5529	624783.72	4266401.01	1.60E-06	5.09E-07	2.11E-06	1.34E-06	3.81E-07	1.72E-06	3.17E-07	9.76E-08	4.15E-07	2.47E-07	4.70E-08	2.94E-07
5530	624793.61	4266401.19	1.58E-06	5.02E-07	2.08E-06	1.32E-06	3.76E-07	1.70E-06	3.13E-07	9.61E-08	4.09E-07	2.44E-07	4.63E-08	2.90E-07
5531	624803.5	4266401.36	1.55E-06	4.94E-07	2.05E-06	1.30E-06	3.70E-07	1.67E-06	3.08E-07	9.46E-08	4.02E-07	2.40E-07	4.56E-08	2.85E-07
5532	624813.39	4266401.54	1.53E-06	4.86E-07	2.01E-06	1.28E-06	3.64E-07	1.64E-06	3.03E-07	9.31E-08	3.96E-07	2.36E-07	4.48E-08	2.81E-07
5533	624823.28	4266401.72	1.50E-06	4.77E-07	1.98E-06	1.26E-06	3.57E-07	1.61E-06	2.98E-07	9.15E-08	3.89E-07	2.32E-07	4.41E-08	2.76E-07
5534	624833.17	4266401.89	1.48E-06	4.69E-07	1.95E-06	1.23E-06	3.51E-07	1.59E-06	2.92E-07	8.99E-08	3.82E-07	2.28E-07	4.33E-08	2.71E-07
5535	624843.06	4266402.07	1.45E-06	4.60E-07	1.91E-06	1.21E-06	3.45E-07	1.56E-06	2.87E-07	8.82E-08	3.75E-07	2.24E-07	4.25E-08	2.66E-07
5536	624339.39	4266414.43	1.30E-06	4.12E-07	1.71E-06	1.08E-06	3.08E-07	1.39E-06	2.57E-07	7.89E-08	3.36E-07	2.00E-07	3.80E-08	2.38E-07
5537	624330.64	4266410.63	1.29E-06	4.10E-07	1.70E-06	1.08E-06	3.07E-07	1.39E-06	2.55E-07	7.85E-08	3.34E-07	1.99E-07	3.78E-08	2.37E-07
5538	624321.88	4266406.83	1.28E-06	4.07E-07	1.69E-06	1.07E-06	3.05E-07	1.38E-06	2.54E-07	7.80E-08	3.32E-07	1.98E-07	3.76E-08	2.35E-07
5539	624313.12	4266403.02	1.27E-06	4.04E-07	1.68E-06	1.06E-06	3.03E-07	1.37E-06	2.52E-07	7.74E-08	3.29E-07	1.96E-07	3.73E-08	2.34E-07
5540	624304.36	4266399.22	1.26E-06	4.01E-07	1.66E-06	1.05E-06	3.00E-07	1.35E-06	2.50E-07	7.68E-08	3.27E-07	1.95E-07	3.70E-08	2.32E-07
5541	624295.61	4266395.42	1.25E-06	3.97E-07	1.65E-06	1.04E-06	2.97E-07	1.34E-06	2.47E-07	7.61E-08	3.23E-07	1.93E-07	3.66E-08	2.30E-07
5542	624286.85	4266391.61	1.24E-06	3.93E-07	1.63E-06	1.03E-06	2.94E-07	1.33E-06	2.45E-07	7.53E-08	3.20E-07	1.91E-07	3.63E-08	2.27E-07
5543	624278.09	4266387.81	1.22E-06	3.89E-07	1.61E-06	1.02E-06	2.91E-07	1.31E-06	2.42E-07	7.44E-08	3.17E-07	1.89E-07	3.59E-08	2.25E-07
5544	624269.33	4266384.01	1.21E-06	3.84E-07	1.59E-06	1.01E-06	2.87E-07	1.30E-06	2.39E-07	7.36E-08	3.13E-07	1.87E-07	3.54E-08	2.22E-07
5545	624260.58	4266380.2	1.19E-06	3.79E-07	1.57E-06	9.98E-07	2.84E-07	1.28E-06	2.36E-07	7.26E-08	3.09E-07	1.84E-07	3.50E-08	2.19E-07
5546	624251.82	4266376.4	1.18E-06	3.74E-07	1.55E-06	9.85E-07	2.80E-07	1.26E-06	2.33E-07	7.17E-08	3.05E-07	1.82E-07	3.45E-08	2.16E-07

5547	624243.06	4266372.6	1.16E-06	3.69E-07	1.53E-06	9.71E-07	2.76E-07	1.25E-06	2.30E-07	7.06E-08	3.00E-07	1.79E-07	3.40E-08	2.13E-07
5548	624234.3	4266368.79	1.14E-06	3.63E-07	1.51E-06	9.56E-07	2.72E-07	1.23E-06	2.26E-07	6.96E-08	2.96E-07	1.76E-07	3.35E-08	2.10E-07
5549	624225.55	4266364.99	1.12E-06	3.57E-07	1.48E-06	9.40E-07	2.67E-07	1.21E-06	2.23E-07	6.84E-08	2.91E-07	1.74E-07	3.30E-08	2.07E-07
5550	624216.79	4266361.19	1.11E-06	3.51E-07	1.46E-06	9.24E-07	2.63E-07	1.19E-06	2.19E-07	6.73E-08	2.86E-07	1.71E-07	3.24E-08	2.03E-07
5551	624208.03	4266357.39	1.09E-06	3.45E-07	1.43E-06	9.08E-07	2.58E-07	1.17E-06	2.15E-07	6.61E-08	2.81E-07	1.68E-07	3.18E-08	1.99E-07
5552	624199.28	4266353.58	1.07E-06	3.38E-07	1.40E-06	8.91E-07	2.53E-07	1.14E-06	2.11E-07	6.48E-08	2.76E-07	1.64E-07	3.12E-08	1.96E-07
5553	624190.52	4266349.78	1.04E-06	3.32E-07	1.38E-06	8.73E-07	2.48E-07	1.12E-06	2.07E-07	6.36E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
5554	624181.76	4266345.98	1.02E-06	3.25E-07	1.35E-06	8.56E-07	2.43E-07	1.10E-06	2.03E-07	6.23E-08	2.65E-07	1.58E-07	3.00E-08	1.88E-07
5555	624173	4266342.17	1.00E-06	3.18E-07	1.32E-06	8.38E-07	2.38E-07	1.08E-06	1.98E-07	6.10E-08	2.60E-07	1.55E-07	2.94E-08	1.84E-07
5556	624164.25	4266338.37	9.82E-07	3.12E-07	1.29E-06	8.21E-07	2.33E-07	1.05E-06	1.94E-07	5.97E-08	2.54E-07	1.51E-07	2.88E-08	1.80E-07
5557	624151.97	4266325.69	9.62E-07	3.05E-07	1.27E-06	8.04E-07	2.29E-07	1.03E-06	1.90E-07	5.85E-08	2.49E-07	1.48E-07	2.82E-08	1.77E-07
5558	624148.45	4266316.82	9.62E-07	3.06E-07	1.27E-06	8.04E-07	2.29E-07	1.03E-06	1.90E-07	5.86E-08	2.49E-07	1.48E-07	2.82E-08	1.77E-07
5559	624144.93	4266307.94	9.62E-07	3.06E-07	1.27E-06	8.04E-07	2.29E-07	1.03E-06	1.90E-07	5.86E-08	2.49E-07	1.49E-07	2.82E-08	1.77E-07
5560	624141.42	4266299.06	9.62E-07	3.06E-07	1.27E-06	8.04E-07	2.29E-07	1.03E-06	1.90E-07	5.85E-08	2.49E-07	1.48E-07	2.82E-08	1.77E-07
5561	624137.9	4266290.19	9.61E-07	3.05E-07	1.27E-06	8.03E-07	2.29E-07	1.03E-06	1.90E-07	5.85E-08	2.49E-07	1.48E-07	2.82E-08	1.76E-07
5562	624134.38	4266281.31	9.60E-07	3.05E-07	1.26E-06	8.02E-07	2.28E-07	1.03E-06	1.90E-07	5.84E-08	2.48E-07	1.48E-07	2.81E-08	1.76E-07
5563	624130.86	4266272.44	9.58E-07	3.04E-07	1.26E-06	8.01E-07	2.28E-07	1.03E-06	1.90E-07	5.83E-08	2.48E-07	1.48E-07	2.81E-08	1.76E-07
5564	624127.34	4266263.56	9.56E-07	3.03E-07	1.26E-06	7.99E-07	2.27E-07	1.03E-06	1.89E-07	5.81E-08	2.47E-07	1.47E-07	2.80E-08	1.75E-07
5565	624123.82	4266254.69	9.53E-07	3.03E-07	1.26E-06	7.96E-07	2.27E-07	1.02E-06	1.89E-07	5.80E-08	2.47E-07	1.47E-07	2.79E-08	1.75E-07
5566	624120.31	4266245.81	9.50E-07	3.02E-07	1.25E-06	7.94E-07	2.26E-07	1.02E-06	1.88E-07	5.78E-08	2.46E-07	1.47E-07	2.78E-08	1.74E-07
5567	624085.13	4266157.05	8.79E-07	2.79E-07	1.16E-06	7.35E-07	2.09E-07	9.44E-07	1.74E-07	5.35E-08	2.27E-07	1.36E-07	2.58E-08	1.61E-07
5568	624348.15	4266418.24	1.30E-06	4.13E-07	1.71E-06	1.09E-06	3.09E-07	1.40E-06	2.58E-07	7.92E-08	3.37E-07	2.01E-07	3.81E-08	2.39E-07
5569	624358.04	4266418.41	1.32E-06	4.20E-07	1.74E-06	1.10E-06	3.14E-07	1.42E-06	2.62E-07	8.04E-08	3.42E-07	2.04E-07	3.87E-08	2.43E-07
5570	624367.93	4266418.59	1.34E-06	4.26E-07	1.77E-06	1.12E-06	3.19E-07	1.44E-06	2.66E-07	8.17E-08	3.47E-07	2.07E-07	3.93E-08	2.46E-07
5571	624377.82	4266418.77	1.36E-06	4.32E-07	1.79E-06	1.14E-06	3.24E-07	1.46E-06	2.70E-07	8.29E-08	3.52E-07	2.10E-07	3.99E-08	2.50E-07
5572	624387.71	4266418.94	1.38E-06	4.39E-07	1.82E-06	1.15E-06	3.28E-07	1.48E-06	2.73E-07	8.40E-08	3.57E-07	2.13E-07	4.05E-08	2.54E-07
5573	624397.6	4266419.12	1.40E-06	4.45E-07	1.84E-06	1.17E-06	3.33E-07	1.50E-06	2.77E-07	8.52E-08	3.62E-07	2.16E-07	4.10E-08	2.57E-07
5574	624407.49	4266419.3	1.42E-06	4.51E-07	1.87E-06	1.19E-06	3.37E-07	1.52E-06	2.81E-07	8.63E-08	3.67E-07	2.19E-07	4.16E-08	2.61E-07
5575	624417.37	4266419.47	1.44E-06	4.56E-07	1.89E-06	1.20E-06	3.42E-07	1.54E-06	2.84E-07	8.75E-08	3.72E-07	2.22E-07	4.21E-08	2.64E-07
5576	624447.04	4266420	1.49E-06	4.74E-07	1.97E-06	1.25E-06	3.55E-07	1.60E-06	2.95E-07	9.08E-08	3.86E-07	2.30E-07	4.37E-08	2.74E-07
5577	624456.93	4266420.18	1.51E-06	4.80E-07	1.99E-06	1.26E-06	3.59E-07	1.62E-06	2.99E-07	9.19E-08	3.91E-07	2.33E-07	4.43E-08	2.77E-07
5578	624466.82	4266420.36	1.53E-06	4.85E-07	2.01E-06	1.28E-06	3.63E-07	1.64E-06	3.02E-07	9.30E-08	3.95E-07	2.36E-07	4.48E-08	2.80E-07
5579	624476.71	4266420.53	1.54E-06	4.90E-07	2.03E-06	1.29E-06	3.67E-07	1.66E-06	3.06E-07	9.40E-08	4.00E-07	2.38E-07	4.53E-08	2.84E-07
5580	624486.6	4266420.71	1.56E-06	4.96E-07	2.06E-06	1.30E-06	3.71E-07	1.68E-06	3.09E-07	9.49E-08	4.04E-07	2.41E-07	4.57E-08	2.87E-07
5581	624496.49	4266420.89	1.58E-06	5.00E-07	2.08E-06	1.32E-06	3.75E-07	1.69E-06	3.12E-07	9.59E-08	4.08E-07	2.43E-07	4.62E-08	2.89E-07
5582	624506.38	4266421.06	1.59E-06	5.05E-07	2.09E-06	1.33E-06	3.78E-07	1.71E-06	3.15E-07	9.67E-08	4.11E-07	2.45E-07	4.66E-08	2.92E-07
5583	624516.27	4266421.24	1.60E-06	5.09E-07	2.11E-06	1.34E-06	3.81E-07	1.72E-06	3.17E-07	9.75E-08	4.15E-07	2.47E-07	4.70E-08	2.94E-07
5584	624526.16	4266421.41	1.62E-06	5.13E-07	2.13E-06	1.35E-06	3.84E-07	1.73E-06	3.20E-07	9.83E-08	4.18E-07	2.49E-07	4.73E-08	2.97E-07
5585	624536.04	4266421.59	1.63E-06	5.16E-07	2.14E-06	1.36E-06	3.87E-07	1.75E-06	3.22E-07	9.89E-08	4.21E-07	2.51E-07	4.76E-08	2.99E-07
5586	624545.93	4266421.77	1.64E-06	5.19E-07	2.15E-06	1.37E-06	3.89E-07	1.76E-06	3.24E-07	9.95E-08	4.23E-07	2.52E-07	4.79E-08	3.00E-07
5587	624555.82	4266421.94	1.64E-06	5.22E-07	2.16E-06	1.37E-06	3.91E-07	1.76E-06	3.25E-07	1.00E-07	4.25E-07	2.54E-07	4.82E-08	3.02E-07
5588	624565.71	4266422.12	1.65E-06	5.24E-07	2.17E-06	1.38E-06	3.92E-07	1.77E-06	3.27E-07	1.00E-07	4.27E-07	2.55E-07	4.84E-08	3.03E-07
5589	624575.6	4266422.3	1.65E-06	5.26E-07	2.18E-06	1.38E-06	3.93E-07	1.78E-06	3.28E-07	1.01E-07	4.28E-07	2.55E-07	4.85E-08	3.04E-07
5590	624644.83	4266423.53	1.65E-06	5.25E-07	2.18E-06	1.38E-06	3.93E-07	1.78E-06	3.27E-07	1.01E-07	4.28E-07	2.55E-07	4.85E-08	3.04E-07
5591	624654.72	4266423.71	1.65E-06	5.23E-07	2.17E-06	1.38E-06	3.92E-07	1.77E-06	3.26E-07	1.00E-07	4.27E-07	2.54E-07	4.83E-08	3.03E-07
5592	624664.6	4266423.89	1.64E-06	5.21E-07	2.16E-06	1.37E-06	3.90E-07	1.76E-06	3.25E-07	9.99E-08	4.25E-07	2.53E-07	4.81E-08	3.01E-07
5593	624674.49	4266424.06	1.63E-06	5.19E-07	2.15E-06	1.37E-06	3.88E-07	1.75E-06	3.23E-07	9.94E-08	4.23E-07	2.52E-07	4.79E-08	3.00E-07
5594	624684.38	4266424.24	1.62E-06	5.16E-07	2.14E-06	1.36E-06	3.86E-07	1.74E-06	3.21E-07	9.88E-08	4.20E-07	2.51E-07	4.76E-08	2.98E-07
5595	624694.27	4266424.42	1.61E-06	5.12E-07	2.12E-06	1.35E-06	3.83E-07	1.73E-06	3.19E-07	9.81E-08	4.17E-07	2.49E-07	4.73E-08	2.96E-07
5596	624704.16	4266424.59	1.60E-06	5.08E-07	2.11E-06	1.34E-06	3.81E-07	1.72E-06	3.17E-07	9.74E-08	4.14E-07	2.47E-07	4.69E-08	2.94E-07
5597	624714.05	4266424.77	1.59E-06	5.04E-07	2.09E-06	1.33E-06	3.77E-07	1.70E-06	3.14E-07	9.65E-08	4.11E-07	2.45E-07	4.65E-08	2.91E-07
5598	624723.94	4266424.95	1.57E-06	4.99E-07	2.07E-06	1.31E-06	3.74E-07	1.69E-06	3.11E-07	9.56E-08	4.07E-07	2.42E-07	4.60E-08	2.88E-07
5599	624733.83	4266425.12	1.55E-06	4.94E-07	2.05E-06	1.30E-06	3.70E-07	1.67E-06	3.08E-07	9.46E-08	4.02E-07	2.40E-07	4.56E-08	2.85E-07
5600	624743.72	4266425.3	1.54E-06	4.88E-07	2.02E-06	1.28E-06	3.65E-07	1.65E-06	3.04E-07	9.35E-08	3.98E-07	2.37E-07	4.50E-08	2.82E-07
5601	624753.61	4266425.48	1.52E-06	4.82E-07	2.00E-06	1.27E-06	3.61E-07	1.63E-06	3.00E-07	9.24E-08	3.93E-07	2.34E-07	4.45E-08	2.79E-07
5602	624763.5	4266425.65	1.50E-06	4.76E-07	1.97E-06	1.25E-06	3.56E-07	1.61E-06	2.97E-07	9.12E-08	3.88E-07	2.31E-07	4.39E-08	2.75E-07
5603	624773.39	4266425.83	1.48E-06	4.70E-07	1.95E-06	1.24E-06	3.52E-07	1.59E-06	2.93E-07	9.00E-08	3.83E-07	2.28E-07	4.34E-08	2.72E-07
5604	624783.27	4266426.01	1.46E-06	4.64E-07	1.92E-06	1.22E-06	3.47E-07	1.57E-06	2.89E-07	8.88E-08	3.78E-07	2.25E-07	4.28E-08	2.68E-07
5605	624793.16	4266426.18	1.44E-06	4.57E-07	1.90E-06	1.20E-06	3.42E-07	1.55E-06	2.85E-07	8.76E-08	3.73E-07	2.22E-07	4.22E-08	2.64E-07
5606	624803.05	4266426.36	1.42E-06	4.51E-07	1.87E-06	1.19E-06	3.38E-07	1.52E-06	2.81E-07	8.64E-08	3.68E-07	2.19E-07	4.16E-08	2.61E-07
5607	624812.94	4266426.54	1.40E-06	4.44E-07	1.84E-06	1.17E-06	3.33E-07	1.50E-06	2.77E-07	8.52E-08	3.62E-07	2.16E-07	4.10E-08	2.57E-07
5608	624822.83	4266426.71	1.38E-06	4.38E-07	1.82E-06	1.15E-06	3.28E-07	1.48E-06	2.73E-07	8.39E-08	3.57E-07	2.13E-07	4.04E-08	2.53E-07
5609	624832.72	4266426.89	1.36E-06	4.31E-07	1.79E-06	1.13E-06	3.23E-07	1.46E-06	2.69E-07	8.25E-08	3.51E-07	2.09E-07	3.98E-08	2.49E-07
5610	624842.61	4266427.07	1.33E-06	4.24E-07	1.76E-06	1.12E-06	3.17E-07	1.43E-06	2.64E-07	8.12E-08	3.45E-07	2.06E-07	3.91E-08	2.45E-07
5611	624338.95	4266439.43	1.21E-06	3.83E-07	1.59E-06	1.01E-06	2.87E-07	1.29E-06	2.39E-07	7.34E-08	3.12E-07	1.86E-07	3.53E-08	2.21E-07
5612	624330.19	4266435.63	1.20E-06	3.82E-07	1.58E-06	1.00E-06	2.86E-07	1.29E-06	2.38E-07	7.31E-08	3.11E-07	1.85E-07	3.52E-08	2.21E-07
5613	624321.43	4266431.82	1.20E-06	3.80E-07	1.58E-06	9.99E-07	2.84E-07	1.28E-06	2.37E-07	7.28E-08	3.09E-07	1.85E-07	3.50E-08	2.20E-07
5614	624312.67	4266428.02	1.19E-06	3.77E-07	1.57E-06	9.93E-07	2.83E-07	1.28E-06	2.35E-07	7.23E-08	3.08E-07	1.83E-07	3.48E-08	2.18E-07
5615	624303.92	4266424.22	1.18E-06	3.75E-07	1.56E-06	9.87E-07	2.81E-07	1.27E-06	2.34E-07	7.18E-08	3.05E-07	1.82E-07	3.46E-08	2.17E-07
5616	624295.16	4266420.41	1.17E-06	3.72E-07	1.54E-06	9.79E-07	2.78E-07	1.26E-06	2.32E-07	7.12E-08	3.03E-07	1.81E-07	3.43E-08	2.15E-07
5617	624286.4	4266416.61	1.16E-06	3.69E-07	1.53E-06	9.70E-07	2.76E-07	1.25E-06	2.30E-07	7.06E-08	3.00E-07	1.79E-07	3.40E-08	2.13E-07
5618	624277.64	4266412.81	1.15E-06	3.65E-07	1.51E-06	9.61E-07	2.73E-07	1.23E-06	2.27E-07	6.99E-08	2.97E-07	1.77E-07	3.37E-08	2.11E-07
5619	624268.89	4266409	1.14E-06	3.61E-07	1.50E-06	9.51E-07	2.70E-07	1.22E-06	2.25E-07	6.92E-08	2.94E-07	1.76E-07	3.33E-08	2.09E-07
5620	624260.13	4266405.2	1.13E-06	3.57E-07	1.48E-06	9.40E-07	2.67E-07	1.21E-06	2.23E-07	6.85E-08	2.91E-07	1.74E-07	3.30E-08	2.07E-07

5621	624251.37	4266401.4	1.11E-06	3.53E-07	1.47E-06	9.29E-07	2.64E-07	1.19E-06	2.20E-07	6.77E-08	2.88E-07	1.72E-07	3.26E-08	2.04E-07
5622	624242.62	4266397.59	1.10E-06	3.49E-07	1.45E-06	9.18E-07	2.61E-07	1.18E-06	2.17E-07	6.68E-08	2.84E-07	1.69E-07	3.22E-08	2.02E-07
5623	624233.86	4266393.79	1.08E-06	3.44E-07	1.43E-06	9.06E-07	2.58E-07	1.16E-06	2.14E-07	6.59E-08	2.80E-07	1.67E-07	3.18E-08	1.99E-07
5624	624225.1	4266389.99	1.07E-06	3.39E-07	1.41E-06	8.93E-07	2.54E-07	1.15E-06	2.11E-07	6.50E-08	2.76E-07	1.65E-07	3.13E-08	1.96E-07
5625	624216.34	4266386.18	1.05E-06	3.34E-07	1.39E-06	8.80E-07	2.50E-07	1.13E-06	2.08E-07	6.40E-08	2.72E-07	1.62E-07	3.08E-08	1.93E-07
5626	624207.59	4266382.38	1.04E-06	3.29E-07	1.36E-06	8.66E-07	2.46E-07	1.11E-06	2.05E-07	6.30E-08	2.68E-07	1.60E-07	3.04E-08	1.90E-07
5627	624198.83	4266378.58	1.02E-06	3.23E-07	1.34E-06	8.51E-07	2.42E-07	1.09E-06	2.02E-07	6.20E-08	2.64E-07	1.57E-07	2.99E-08	1.87E-07
5628	624190.07	4266374.78	1.00E-06	3.18E-07	1.32E-06	8.37E-07	2.38E-07	1.07E-06	1.98E-07	6.09E-08	2.59E-07	1.54E-07	2.93E-08	1.84E-07
5629	624181.31	4266370.97	9.83E-07	3.12E-07	1.29E-06	8.21E-07	2.34E-07	1.06E-06	1.95E-07	5.98E-08	2.54E-07	1.52E-07	2.88E-08	1.80E-07
5630	624172.56	4266367.17	9.64E-07	3.06E-07	1.27E-06	8.06E-07	2.29E-07	1.04E-06	1.91E-07	5.87E-08	2.50E-07	1.49E-07	2.83E-08	1.77E-07
5631	624163.8	4266363.37	9.46E-07	3.00E-07	1.25E-06	7.90E-07	2.25E-07	1.02E-06	1.87E-07	5.75E-08	2.45E-07	1.46E-07	2.77E-08	1.74E-07
5632	624155.04	4266359.56	9.27E-07	2.94E-07	1.22E-06	7.75E-07	2.20E-07	9.95E-07	1.83E-07	5.64E-08	2.40E-07	1.43E-07	2.72E-08	1.70E-07
5633	624146.28	4266355.76	9.08E-07	2.88E-07	1.20E-06	7.59E-07	2.16E-07	9.75E-07	1.80E-07	5.53E-08	2.35E-07	1.40E-07	2.66E-08	1.67E-07
5634	624134.01	4266343.08	8.90E-07	2.83E-07	1.17E-06	7.44E-07	2.12E-07	9.56E-07	1.76E-07	5.42E-08	2.30E-07	1.37E-07	2.61E-08	1.63E-07
5635	624130.49	4266334.2	8.90E-07	2.83E-07	1.17E-06	7.44E-07	2.12E-07	9.56E-07	1.76E-07	5.42E-08	2.30E-07	1.37E-07	2.61E-08	1.64E-07
5636	624126.97	4266325.33	8.90E-07	2.83E-07	1.17E-06	7.44E-07	2.12E-07	9.56E-07	1.76E-07	5.42E-08	2.30E-07	1.37E-07	2.61E-08	1.63E-07
5637	624123.45	4266316.45	8.90E-07	2.83E-07	1.17E-06	7.44E-07	2.12E-07	9.55E-07	1.76E-07	5.42E-08	2.30E-07	1.37E-07	2.61E-08	1.63E-07
5638	624119.94	4266307.58	8.89E-07	2.82E-07	1.17E-06	7.43E-07	2.11E-07	9.55E-07	1.76E-07	5.41E-08	2.30E-07	1.37E-07	2.61E-08	1.63E-07
5639	624081.24	4266209.95	8.54E-07	2.71E-07	1.12E-06	7.13E-07	2.03E-07	9.16E-07	1.69E-07	5.19E-08	2.21E-07	1.32E-07	2.50E-08	1.57E-07
5640	624077.72	4266201.07	8.47E-07	2.69E-07	1.12E-06	7.08E-07	2.01E-07	9.09E-07	1.68E-07	5.15E-08	2.19E-07	1.31E-07	2.48E-08	1.56E-07
5641	624074.2	4266192.19	8.40E-07	2.67E-07	1.11E-06	7.02E-07	2.00E-07	9.01E-07	1.66E-07	5.11E-08	2.17E-07	1.30E-07	2.46E-08	1.54E-07
5642	624070.68	4266183.32	8.32E-07	2.64E-07	1.10E-06	6.95E-07	1.98E-07	8.93E-07	1.65E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
5643	624067.16	4266174.44	8.23E-07	2.61E-07	1.08E-06	6.88E-07	1.96E-07	8.84E-07	1.63E-07	5.01E-08	2.13E-07	1.27E-07	2.41E-08	1.51E-07
5644	624063.65	4266165.57	8.15E-07	2.59E-07	1.07E-06	6.81E-07	1.94E-07	8.75E-07	1.61E-07	4.96E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
5645	624347.7	4266443.23	1.21E-06	3.84E-07	1.59E-06	1.01E-06	2.87E-07	1.30E-06	2.39E-07	7.36E-08	3.13E-07	1.87E-07	3.54E-08	2.22E-07
5646	624357.59	4266443.41	1.23E-06	3.89E-07	1.61E-06	1.02E-06	2.91E-07	1.32E-06	2.43E-07	7.46E-08	3.17E-07	1.89E-07	3.59E-08	2.25E-07
5647	624367.48	4266443.59	1.24E-06	3.94E-07	1.64E-06	1.04E-06	2.95E-07	1.33E-06	2.46E-07	7.56E-08	3.21E-07	1.92E-07	3.64E-08	2.28E-07
5648	624377.37	4266443.76	1.26E-06	4.00E-07	1.66E-06	1.05E-06	2.99E-07	1.35E-06	2.49E-07	7.65E-08	3.26E-07	1.94E-07	3.69E-08	2.31E-07
5649	624387.26	4266443.94	1.27E-06	4.04E-07	1.68E-06	1.06E-06	3.03E-07	1.37E-06	2.52E-07	7.75E-08	3.30E-07	1.97E-07	3.73E-08	2.34E-07
5650	624397.15	4266444.12	1.29E-06	4.09E-07	1.70E-06	1.08E-06	3.06E-07	1.38E-06	2.55E-07	7.84E-08	3.34E-07	1.99E-07	3.78E-08	2.37E-07
5651	624407.04	4266444.29	1.30E-06	4.14E-07	1.72E-06	1.09E-06	3.10E-07	1.40E-06	2.58E-07	7.93E-08	3.37E-07	2.01E-07	3.82E-08	2.39E-07
5652	624416.93	4266444.47	1.32E-06	4.19E-07	1.74E-06	1.10E-06	3.14E-07	1.42E-06	2.61E-07	8.02E-08	3.41E-07	2.03E-07	3.86E-08	2.42E-07
5653	624426.82	4266444.64	1.33E-06	4.23E-07	1.76E-06	1.11E-06	3.17E-07	1.43E-06	2.64E-07	8.11E-08	3.45E-07	2.06E-07	3.91E-08	2.45E-07
5654	624436.71	4266444.82	1.35E-06	4.28E-07	1.78E-06	1.13E-06	3.20E-07	1.45E-06	2.67E-07	8.20E-08	3.49E-07	2.08E-07	3.95E-08	2.47E-07
5655	624446.6	4266445	1.36E-06	4.33E-07	1.79E-06	1.14E-06	3.24E-07	1.46E-06	2.70E-07	8.29E-08	3.53E-07	2.10E-07	3.99E-08	2.50E-07
5656	624456.48	4266445.17	1.38E-06	4.37E-07	1.81E-06	1.15E-06	3.27E-07	1.48E-06	2.72E-07	8.37E-08	3.56E-07	2.12E-07	4.03E-08	2.53E-07
5657	624466.37	4266445.35	1.39E-06	4.41E-07	1.83E-06	1.16E-06	3.31E-07	1.49E-06	2.75E-07	8.46E-08	3.60E-07	2.15E-07	4.07E-08	2.55E-07
5658	624476.26	4266445.53	1.40E-06	4.46E-07	1.85E-06	1.17E-06	3.34E-07	1.51E-06	2.78E-07	8.54E-08	3.63E-07	2.17E-07	4.11E-08	2.58E-07
5659	624486.15	4266445.7	1.42E-06	4.50E-07	1.87E-06	1.18E-06	3.37E-07	1.52E-06	2.80E-07	8.62E-08	3.66E-07	2.19E-07	4.15E-08	2.60E-07
5660	624496.04	4266445.88	1.43E-06	4.54E-07	1.88E-06	1.19E-06	3.40E-07	1.53E-06	2.83E-07	8.69E-08	3.70E-07	2.20E-07	4.19E-08	2.62E-07
5661	624505.93	4266446.06	1.44E-06	4.57E-07	1.90E-06	1.20E-06	3.42E-07	1.55E-06	2.85E-07	8.76E-08	3.73E-07	2.22E-07	4.22E-08	2.64E-07
5662	624515.82	4266446.23	1.45E-06	4.60E-07	1.91E-06	1.21E-06	3.45E-07	1.56E-06	2.87E-07	8.82E-08	3.75E-07	2.24E-07	4.25E-08	2.66E-07
5663	624525.71	4266446.41	1.46E-06	4.64E-07	1.92E-06	1.22E-06	3.47E-07	1.57E-06	2.89E-07	8.88E-08	3.78E-07	2.25E-07	4.28E-08	2.68E-07
5664	624594.93	4266447.65	1.50E-06	4.75E-07	1.97E-06	1.25E-06	3.56E-07	1.61E-06	2.96E-07	9.11E-08	3.87E-07	2.31E-07	4.39E-08	2.75E-07
5665	624604.82	4266447.82	1.50E-06	4.76E-07	1.97E-06	1.25E-06	3.56E-07	1.61E-06	2.97E-07	9.12E-08	3.88E-07	2.31E-07	4.39E-08	2.75E-07
5666	624614.71	4266448	1.50E-06	4.76E-07	1.97E-06	1.25E-06	3.56E-07	1.61E-06	2.97E-07	9.12E-08	3.88E-07	2.31E-07	4.39E-08	2.75E-07
5667	624624.6	4266448.18	1.50E-06	4.75E-07	1.97E-06	1.25E-06	3.56E-07	1.61E-06	2.96E-07	9.11E-08	3.87E-07	2.31E-07	4.39E-08	2.75E-07
5668	624634.49	4266448.35	1.50E-06	4.75E-07	1.97E-06	1.25E-06	3.56E-07	1.61E-06	2.96E-07	9.10E-08	3.87E-07	2.31E-07	4.38E-08	2.75E-07
5669	624644.38	4266448.53	1.49E-06	4.74E-07	1.97E-06	1.25E-06	3.55E-07	1.60E-06	2.95E-07	9.08E-08	3.86E-07	2.30E-07	4.37E-08	2.74E-07
5670	624654.27	4266448.71	1.49E-06	4.73E-07	1.96E-06	1.24E-06	3.54E-07	1.60E-06	2.95E-07	9.06E-08	3.85E-07	2.30E-07	4.36E-08	2.73E-07
5671	624664.16	4266448.88	1.48E-06	4.71E-07	1.96E-06	1.24E-06	3.53E-07	1.59E-06	2.94E-07	9.03E-08	3.84E-07	2.29E-07	4.35E-08	2.72E-07
5672	624674.05	4266449.06	1.48E-06	4.69E-07	1.95E-06	1.24E-06	3.51E-07	1.59E-06	2.92E-07	8.99E-08	3.82E-07	2.28E-07	4.33E-08	2.71E-07
5673	624683.94	4266449.24	1.47E-06	4.67E-07	1.94E-06	1.23E-06	3.50E-07	1.58E-06	2.91E-07	8.94E-08	3.80E-07	2.27E-07	4.31E-08	2.70E-07
5674	624693.83	4266449.41	1.46E-06	4.64E-07	1.93E-06	1.22E-06	3.47E-07	1.57E-06	2.89E-07	8.89E-08	3.78E-07	2.25E-07	4.28E-08	2.68E-07
5675	624703.71	4266449.59	1.45E-06	4.61E-07	1.91E-06	1.21E-06	3.45E-07	1.56E-06	2.87E-07	8.83E-08	3.76E-07	2.24E-07	4.25E-08	2.66E-07
5676	624713.6	4266449.77	1.44E-06	4.57E-07	1.90E-06	1.20E-06	3.42E-07	1.55E-06	2.85E-07	8.76E-08	3.73E-07	2.22E-07	4.22E-08	2.64E-07
5677	624723.49	4266449.94	1.43E-06	4.53E-07	1.88E-06	1.19E-06	3.39E-07	1.53E-06	2.83E-07	8.68E-08	3.69E-07	2.20E-07	4.18E-08	2.62E-07
5678	624733.38	4266450.12	1.41E-06	4.49E-07	1.86E-06	1.18E-06	3.36E-07	1.52E-06	2.80E-07	8.60E-08	3.66E-07	2.18E-07	4.14E-08	2.60E-07
5679	624743.27	4266450.3	1.40E-06	4.44E-07	1.84E-06	1.17E-06	3.33E-07	1.50E-06	2.77E-07	8.51E-08	3.62E-07	2.16E-07	4.10E-08	2.57E-07
5680	624753.16	4266450.47	1.38E-06	4.39E-07	1.82E-06	1.16E-06	3.29E-07	1.48E-06	2.74E-07	8.42E-08	3.58E-07	2.13E-07	4.05E-08	2.54E-07
5681	624763.05	4266450.65	1.37E-06	4.34E-07	1.80E-06	1.14E-06	3.25E-07	1.47E-06	2.71E-07	8.32E-08	3.54E-07	2.11E-07	4.01E-08	2.51E-07
5682	624772.94	4266450.83	1.35E-06	4.29E-07	1.78E-06	1.13E-06	3.21E-07	1.45E-06	2.67E-07	8.22E-08	3.50E-07	2.08E-07	3.96E-08	2.48E-07
5683	624782.83	4266451	1.34E-06	4.24E-07	1.76E-06	1.12E-06	3.17E-07	1.43E-06	2.64E-07	8.12E-08	3.45E-07	2.06E-07	3.91E-08	2.45E-07
5684	624792.72	4266451.18	1.32E-06	4.19E-07	1.74E-06	1.10E-06	3.14E-07	1.42E-06	2.61E-07	8.03E-08	3.41E-07	2.04E-07	3.87E-08	2.42E-07
5685	624802.61	4266451.36	1.30E-06	4.14E-07	1.72E-06	1.09E-06	3.10E-07	1.40E-06	2.58E-07	7.93E-08	3.37E-07	2.01E-07	3.82E-08	2.39E-07
5686	624812.5	4266451.53	1.29E-06	4.08E-07	1.69E-06	1.07E-06	3.06E-07	1.38E-06	2.55E-07	7.82E-08	3.33E-07	1.98E-07	3.77E-08	2.36E-07
5687	624822.39	4266451.71	1.27E-06	4.03E-07	1.67E-06	1.06E-06	3.02E-07	1.36E-06	2.51E-07	7.72E-08	3.28E-07	1.96E-07	3.72E-08	2.33E-07
5688	624832.27	4266451.89	1.25E-06	3.97E-07	1.65E-06	1.05E-06	2.97E-07	1.34E-06	2.47E-07	7.61E-08	3.24E-07	1.93E-07	3.66E-08	2.30E-07
5689	624842.16	4266452.06	1.23E-06	3.91E-07	1.62E-06	1.03E-06	2.93E-07	1.32E-06	2.44E-07	7.50E-08	3.19E-07	1.90E-07	3.61E-08	2.26E-07
5690	624338.05	4266489.42	1.05E-06	3.34E-07	1.38E-06	8.78E-07	2.50E-07	1.13E-06	2.08E-07	6.39E-08	2.72E-07	1.62E-07	3.08E-08	1.93E-07
5691	624329.3	4266485.62	1.05E-06	3.33E-07	1.38E-06	8.77E-07	2.49E-07	1.13E-06	2.08E-07	6.38E-08	2.71E-07	1.62E-07	3.07E-08	1.93E-07
5692	624320.54	4266481.81	1.05E-06	3.32E-07	1.38E-06	8.75E-07	2.49E-07	1.12E-06	2.07E-07	6.37E-08	2.71E-07	1.62E-07	3.07E-08	1.92E-07
5693	624311.78	4266478.01	1.04E-06	3.31E-07	1.37E-06	8.72E-07	2.48E-07	1.12E-06	2.06E-07	6.35E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
5694	624303.02	4266474.21	1.04E-06	3.30E-07	1.37E-06	8.68E-07	2.47E-07	1.11E-06	2.06E-07	6.32E-08	2.69E-07	1.60E-07	3.04E-08	1.91E-07

5695	624294.27	4266470.41	1.03E-06	3.28E-07	1.36E-06	8.63E-07	2.46E-07	1.11E-06	2.04E-07	6.28E-08	2.67E-07	1.59E-07	3.03E-08	1.90E-07
5696	624285.51	4266466.6	1.03E-06	3.26E-07	1.35E-06	8.58E-07	2.44E-07	1.10E-06	2.03E-07	6.25E-08	2.66E-07	1.58E-07	3.01E-08	1.88E-07
5697	624276.75	4266462.8	1.02E-06	3.24E-07	1.34E-06	8.52E-07	2.42E-07	1.09E-06	2.02E-07	6.20E-08	2.64E-07	1.57E-07	2.99E-08	1.87E-07
5698	624267.99	4266459	1.01E-06	3.21E-07	1.33E-06	8.45E-07	2.40E-07	1.09E-06	2.00E-07	6.15E-08	2.62E-07	1.56E-07	2.96E-08	1.86E-07
5699	624259.24	4266455.19	1.00E-06	3.18E-07	1.32E-06	8.38E-07	2.38E-07	1.08E-06	1.98E-07	6.10E-08	2.59E-07	1.55E-07	2.94E-08	1.84E-07
5700	624250.48	4266451.39	9.94E-07	3.16E-07	1.31E-06	8.30E-07	2.36E-07	1.07E-06	1.97E-07	6.05E-08	2.57E-07	1.53E-07	2.91E-08	1.82E-07
5701	624241.72	4266447.59	9.84E-07	3.13E-07	1.30E-06	8.23E-07	2.34E-07	1.06E-06	1.95E-07	5.99E-08	2.55E-07	1.52E-07	2.88E-08	1.81E-07
5702	624232.97	4266443.78	9.74E-07	3.09E-07	1.28E-06	8.14E-07	2.32E-07	1.05E-06	1.93E-07	5.93E-08	2.52E-07	1.50E-07	2.86E-08	1.79E-07
5703	624224.21	4266439.98	9.64E-07	3.06E-07	1.27E-06	8.06E-07	2.29E-07	1.03E-06	1.91E-07	5.87E-08	2.49E-07	1.49E-07	2.83E-08	1.77E-07
5704	624215.45	4266436.18	9.53E-07	3.03E-07	1.26E-06	7.97E-07	2.27E-07	1.02E-06	1.89E-07	5.80E-08	2.47E-07	1.47E-07	2.79E-08	1.75E-07
5705	624206.69	4266432.37	9.42E-07	2.99E-07	1.24E-06	7.87E-07	2.24E-07	1.01E-06	1.86E-07	5.73E-08	2.44E-07	1.45E-07	2.76E-08	1.73E-07
5706	624197.94	4266428.57	9.29E-07	2.95E-07	1.22E-06	7.77E-07	2.21E-07	9.98E-07	1.84E-07	5.66E-08	2.41E-07	1.43E-07	2.72E-08	1.71E-07
5707	624189.18	4266424.77	9.17E-07	2.91E-07	1.21E-06	7.66E-07	2.18E-07	9.84E-07	1.81E-07	5.58E-08	2.37E-07	1.41E-07	2.69E-08	1.68E-07
5708	624180.42	4266420.96	9.04E-07	2.87E-07	1.19E-06	7.55E-07	2.15E-07	9.70E-07	1.79E-07	5.50E-08	2.34E-07	1.39E-07	2.65E-08	1.66E-07
5709	624171.66	4266417.16	8.90E-07	2.83E-07	1.17E-06	7.44E-07	2.12E-07	9.55E-07	1.76E-07	5.42E-08	2.30E-07	1.37E-07	2.61E-08	1.63E-07
5710	624162.91	4266413.36	8.76E-07	2.78E-07	1.15E-06	7.32E-07	2.08E-07	9.40E-07	1.73E-07	5.33E-08	2.27E-07	1.35E-07	2.57E-08	1.61E-07
5711	624154.15	4266409.55	8.61E-07	2.74E-07	1.13E-06	7.20E-07	2.05E-07	9.25E-07	1.71E-07	5.24E-08	2.23E-07	1.33E-07	2.52E-08	1.58E-07
5712	624145.39	4266405.75	8.47E-07	2.69E-07	1.12E-06	7.08E-07	2.01E-07	9.09E-07	1.68E-07	5.15E-08	2.19E-07	1.31E-07	2.48E-08	1.55E-07
5713	624136.63	4266401.95	8.32E-07	2.64E-07	1.10E-06	6.95E-07	1.98E-07	8.93E-07	1.65E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
5714	624127.88	4266398.14	8.16E-07	2.59E-07	1.08E-06	6.82E-07	1.94E-07	8.76E-07	1.62E-07	4.97E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
5715	624119.12	4266394.34	8.01E-07	2.54E-07	1.06E-06	6.70E-07	1.90E-07	8.60E-07	1.59E-07	4.87E-08	2.07E-07	1.24E-07	2.35E-08	1.47E-07
5716	624080.5	4266333.48	7.68E-07	2.44E-07	1.01E-06	6.42E-07	1.83E-07	8.25E-07	1.52E-07	4.67E-08	1.99E-07	1.19E-07	2.25E-08	1.41E-07
5717	624076.98	4266324.61	7.67E-07	2.44E-07	1.01E-06	6.41E-07	1.82E-07	8.23E-07	1.52E-07	4.67E-08	1.98E-07	1.18E-07	2.25E-08	1.41E-07
5718	624073.46	4266315.73	7.66E-07	2.43E-07	1.01E-06	6.40E-07	1.82E-07	8.22E-07	1.52E-07	4.66E-08	1.98E-07	1.18E-07	2.24E-08	1.41E-07
5719	624069.94	4266306.85	7.64E-07	2.43E-07	1.01E-06	6.39E-07	1.82E-07	8.20E-07	1.51E-07	4.65E-08	1.98E-07	1.18E-07	2.24E-08	1.40E-07
5720	624066.42	4266297.98	7.62E-07	2.42E-07	1.00E-06	6.37E-07	1.81E-07	8.19E-07	1.51E-07	4.64E-08	1.97E-07	1.18E-07	2.23E-08	1.40E-07
5721	624062.91	4266289.1	7.61E-07	2.42E-07	1.00E-06	6.36E-07	1.81E-07	8.17E-07	1.51E-07	4.63E-08	1.97E-07	1.17E-07	2.23E-08	1.40E-07
5722	624059.39	4266280.23	7.59E-07	2.41E-07	9.99E-07	6.34E-07	1.80E-07	8.14E-07	1.50E-07	4.62E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
5723	624055.87	4266271.35	7.56E-07	2.40E-07	9.96E-07	6.32E-07	1.80E-07	8.12E-07	1.50E-07	4.60E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
5724	624052.35	4266262.48	7.53E-07	2.39E-07	9.93E-07	6.30E-07	1.79E-07	8.09E-07	1.49E-07	4.58E-08	1.95E-07	1.16E-07	2.21E-08	1.38E-07
5725	624048.83	4266253.6	7.50E-07	2.38E-07	9.89E-07	6.27E-07	1.78E-07	8.06E-07	1.49E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
5726	624045.31	4266244.72	7.47E-07	2.37E-07	9.84E-07	6.24E-07	1.78E-07	8.02E-07	1.48E-07	4.54E-08	1.93E-07	1.15E-07	2.19E-08	1.37E-07
5727	624041.8	4266235.85	7.43E-07	2.36E-07	9.79E-07	6.21E-07	1.77E-07	7.98E-07	1.47E-07	4.52E-08	1.92E-07	1.15E-07	2.18E-08	1.36E-07
5728	624038.28	4266226.97	7.38E-07	2.35E-07	9.73E-07	6.17E-07	1.76E-07	7.93E-07	1.46E-07	4.49E-08	1.91E-07	1.14E-07	2.16E-08	1.36E-07
5729	624034.76	4266218.1	7.33E-07	2.33E-07	9.66E-07	6.13E-07	1.74E-07	7.87E-07	1.45E-07	4.46E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
5730	624031.24	4266209.22	7.28E-07	2.31E-07	9.59E-07	6.08E-07	1.73E-07	7.81E-07	1.44E-07	4.43E-08	1.88E-07	1.12E-07	2.13E-08	1.34E-07
5731	624027.72	4266200.35	7.22E-07	2.29E-07	9.51E-07	6.03E-07	1.72E-07	7.75E-07	1.43E-07	4.39E-08	1.87E-07	1.11E-07	2.12E-08	1.33E-07
5732	624024.21	4266191.47	7.15E-07	2.27E-07	9.43E-07	5.98E-07	1.70E-07	7.68E-07	1.42E-07	4.35E-08	1.85E-07	1.10E-07	2.10E-08	1.31E-07
5733	624020.69	4266182.6	7.09E-07	2.25E-07	9.34E-07	5.92E-07	1.69E-07	7.61E-07	1.40E-07	4.31E-08	1.83E-07	1.09E-07	2.08E-08	1.30E-07
5734	624017.17	4266173.72	7.02E-07	2.23E-07	9.25E-07	5.87E-07	1.67E-07	7.54E-07	1.39E-07	4.27E-08	1.82E-07	1.08E-07	2.06E-08	1.29E-07
5735	624013.65	4266164.84	6.95E-07	2.21E-07	9.16E-07	5.81E-07	1.65E-07	7.46E-07	1.38E-07	4.23E-08	1.80E-07	1.07E-07	2.04E-08	1.28E-07
5736	624346.81	4266493.22	1.05E-06	3.34E-07	1.38E-06	8.79E-07	2.50E-07	1.13E-06	2.08E-07	6.40E-08	2.72E-07	1.62E-07	3.08E-08	1.93E-07
5737	624356.7	4266493.4	1.06E-06	3.37E-07	1.40E-06	8.88E-07	2.53E-07	1.14E-06	2.10E-07	6.47E-08	2.75E-07	1.64E-07	3.11E-08	1.95E-07
5738	624366.59	4266493.58	1.07E-06	3.41E-07	1.41E-06	8.97E-07	2.55E-07	1.15E-06	2.12E-07	6.53E-08	2.78E-07	1.66E-07	3.15E-08	1.97E-07
5739	624376.48	4266493.75	1.08E-06	3.44E-07	1.43E-06	9.06E-07	2.58E-07	1.16E-06	2.15E-07	6.60E-08	2.81E-07	1.67E-07	3.18E-08	1.99E-07
5740	624386.37	4266493.93	1.09E-06	3.48E-07	1.44E-06	9.15E-07	2.60E-07	1.17E-06	2.17E-07	6.66E-08	2.83E-07	1.69E-07	3.21E-08	2.01E-07
5741	624396.26	4266494.11	1.10E-06	3.51E-07	1.45E-06	9.23E-07	2.63E-07	1.19E-06	2.19E-07	6.72E-08	2.86E-07	1.70E-07	3.24E-08	2.03E-07
5742	624406.15	4266494.28	1.11E-06	3.54E-07	1.47E-06	9.31E-07	2.65E-07	1.20E-06	2.20E-07	6.78E-08	2.88E-07	1.72E-07	3.26E-08	2.04E-07
5743	624416.04	4266494.46	1.12E-06	3.57E-07	1.48E-06	9.39E-07	2.67E-07	1.21E-06	2.22E-07	6.83E-08	2.91E-07	1.73E-07	3.29E-08	2.06E-07
5744	624485.26	4266495.7	1.18E-06	3.76E-07	1.56E-06	9.89E-07	2.81E-07	1.27E-06	2.34E-07	7.20E-08	3.06E-07	1.83E-07	3.47E-08	2.17E-07
5745	624495.15	4266495.87	1.19E-06	3.78E-07	1.57E-06	9.95E-07	2.83E-07	1.28E-06	2.36E-07	7.25E-08	3.08E-07	1.84E-07	3.49E-08	2.19E-07
5746	624505.04	4266496.05	1.20E-06	3.80E-07	1.58E-06	1.00E-06	2.85E-07	1.29E-06	2.37E-07	7.29E-08	3.10E-07	1.85E-07	3.51E-08	2.20E-07
5747	624514.93	4266496.23	1.20E-06	3.82E-07	1.59E-06	1.01E-06	2.86E-07	1.29E-06	2.38E-07	7.33E-08	3.12E-07	1.86E-07	3.53E-08	2.21E-07
5748	624524.82	4266496.4	1.21E-06	3.84E-07	1.59E-06	1.01E-06	2.88E-07	1.30E-06	2.40E-07	7.37E-08	3.13E-07	1.87E-07	3.55E-08	2.22E-07
5749	624534.71	4266496.58	1.22E-06	3.86E-07	1.60E-06	1.02E-06	2.89E-07	1.31E-06	2.41E-07	7.40E-08	3.15E-07	1.88E-07	3.56E-08	2.23E-07
5750	624544.59	4266496.76	1.22E-06	3.88E-07	1.61E-06	1.02E-06	2.90E-07	1.31E-06	2.42E-07	7.43E-08	3.16E-07	1.88E-07	3.58E-08	2.24E-07
5751	624554.48	4266496.93	1.23E-06	3.89E-07	1.61E-06	1.02E-06	2.91E-07	1.32E-06	2.42E-07	7.45E-08	3.17E-07	1.89E-07	3.59E-08	2.25E-07
5752	624564.37	4266497.11	1.23E-06	3.90E-07	1.62E-06	1.03E-06	2.92E-07	1.32E-06	2.43E-07	7.48E-08	3.18E-07	1.90E-07	3.60E-08	2.26E-07
5753	624574.26	4266497.29	1.23E-06	3.91E-07	1.62E-06	1.03E-06	2.93E-07	1.32E-06	2.44E-07	7.49E-08	3.19E-07	1.90E-07	3.61E-08	2.26E-07
5754	624584.15	4266497.46	1.23E-06	3.92E-07	1.63E-06	1.03E-06	2.93E-07	1.32E-06	2.44E-07	7.51E-08	3.19E-07	1.90E-07	3.62E-08	2.27E-07
5755	624594.04	4266497.64	1.24E-06	3.92E-07	1.63E-06	1.03E-06	2.94E-07	1.33E-06	2.45E-07	7.52E-08	3.20E-07	1.91E-07	3.62E-08	2.27E-07
5756	624603.93	4266497.82	1.24E-06	3.93E-07	1.63E-06	1.03E-06	2.94E-07	1.33E-06	2.45E-07	7.53E-08	3.20E-07	1.91E-07	3.63E-08	2.27E-07
5757	624613.82	4266497.99	1.24E-06	3.93E-07	1.63E-06	1.03E-06	2.94E-07	1.33E-06	2.45E-07	7.53E-08	3.20E-07	1.91E-07	3.63E-08	2.27E-07
5758	624623.71	4266498.17	1.24E-06	3.93E-07	1.63E-06	1.03E-06	2.94E-07	1.33E-06	2.45E-07	7.53E-08	3.20E-07	1.91E-07	3.63E-08	2.27E-07
5759	624633.6	4266498.35	1.24E-06	3.93E-07	1.63E-06	1.03E-06	2.94E-07	1.33E-06	2.45E-07	7.53E-08	3.20E-07	1.91E-07	3.63E-08	2.27E-07
5760	624643.49	4266498.52	1.24E-06	3.92E-07	1.63E-06	1.03E-06	2.94E-07	1.33E-06	2.45E-07	7.52E-08	3.20E-07	1.91E-07	3.62E-08	2.27E-07
5761	624653.38	4266498.7	1.23E-06	3.92E-07	1.63E-06	1.03E-06	2.93E-07	1.32E-06	2.44E-07	7.51E-08	3.19E-07	1.90E-07	3.62E-08	2.27E-07
5762	624663.27	4266498.88	1.23E-06	3.91E-07	1.62E-06	1.03E-06	2.93E-07	1.32E-06	2.44E-07	7.49E-08	3.19E-07	1.90E-07	3.61E-08	2.26E-07
5763	624673.15	4266499.05	1.23E-06	3.90E-07	1.62E-06	1.03E-06	2.92E-07	1.32E-06	2.43E-07	7.47E-08	3.18E-07	1.89E-07	3.60E-08	2.25E-07
5764	624683.04	4266499.23	1.22E-06	3.88E-07	1.61E-06	1.02E-06	2.91E-07	1.31E-06	2.42E-07	7.44E-08	3.16E-07	1.89E-07	3.58E-08	2.24E-07
5765	624692.93	4266499.41	1.22E-06	3.86E-07	1.60E-06	1.02E-06	2.89E-07	1.31E-06	2.41E-07	7.40E-08	3.15E-07	1.88E-07	3.56E-08	2.23E-07
5766	624702.82	4266499.58	1.21E-06	3.84E-07	1.59E-06	1.01E-06	2.88E-07	1.30E-06	2.39E-07	7.36E-08	3.13E-07	1.87E-07	3.54E-08	2.22E-07
5767	624712.71	4266499.76	1.20E-06	3.82E-07	1.58E-06	1.00E-06	2.86E-07	1.29E-06	2.38E-07	7.31E-08	3.11E-07	1.85E-07	3.52E-08	2.21E-07
5768	624722.6	4266499.94	1.19E-06	3.79E-07	1.57E-06	9.97E-07	2.84E-07	1.28E-06	2.36E-07	7.26E-08	3.09E-07	1.84E-07	3.50E-08	2.19E-07

5769	624732.49	4266500.11	1.18E-06	3.76E-07	1.56E-06	9.89E-07	2.81E-07	1.27E-06	2.34E-07	7.20E-08	3.06E-07	1.83E-07	3.47E-08	2.17E-07
5770	624742.38	4266500.29	1.17E-06	3.72E-07	1.55E-06	9.80E-07	2.79E-07	1.26E-06	2.32E-07	7.14E-08	3.04E-07	1.81E-07	3.44E-08	2.15E-07
5771	624752.27	4266500.46	1.16E-06	3.69E-07	1.53E-06	9.71E-07	2.76E-07	1.25E-06	2.30E-07	7.07E-08	3.01E-07	1.79E-07	3.41E-08	2.13E-07
5772	624762.16	4266500.64	1.15E-06	3.66E-07	1.52E-06	9.62E-07	2.74E-07	1.24E-06	2.28E-07	7.01E-08	2.98E-07	1.78E-07	3.37E-08	2.11E-07
5773	624772.05	4266500.82	1.14E-06	3.62E-07	1.50E-06	9.53E-07	2.71E-07	1.22E-06	2.26E-07	6.94E-08	2.95E-07	1.76E-07	3.34E-08	2.09E-07
5774	624781.94	4266500.99	1.13E-06	3.59E-07	1.49E-06	9.44E-07	2.69E-07	1.21E-06	2.24E-07	6.87E-08	2.92E-07	1.74E-07	3.31E-08	2.07E-07
5775	624791.82	4266501.17	1.12E-06	3.55E-07	1.47E-06	9.35E-07	2.66E-07	1.20E-06	2.21E-07	6.81E-08	2.89E-07	1.73E-07	3.28E-08	2.05E-07
5776	624801.71	4266501.35	1.11E-06	3.52E-07	1.46E-06	9.26E-07	2.63E-07	1.19E-06	2.19E-07	6.74E-08	2.87E-07	1.71E-07	3.25E-08	2.03E-07
5777	624811.6	4266501.52	1.10E-06	3.48E-07	1.44E-06	9.16E-07	2.61E-07	1.18E-06	2.17E-07	6.67E-08	2.84E-07	1.69E-07	3.21E-08	2.01E-07
5778	624821.49	4266501.7	1.08E-06	3.44E-07	1.43E-06	9.06E-07	2.58E-07	1.16E-06	2.15E-07	6.59E-08	2.80E-07	1.67E-07	3.18E-08	1.99E-07
5779	624831.38	4266501.88	1.07E-06	3.40E-07	1.41E-06	8.96E-07	2.55E-07	1.15E-06	2.12E-07	6.52E-08	2.77E-07	1.65E-07	3.14E-08	1.97E-07
5780	624841.27	4266502.05	1.06E-06	3.36E-07	1.39E-06	8.85E-07	2.52E-07	1.14E-06	2.10E-07	6.44E-08	2.74E-07	1.63E-07	3.10E-08	1.94E-07
5781	624318.8	4266531.44	9.23E-07	2.93E-07	1.22E-06	7.72E-07	2.19E-07	9.91E-07	1.83E-07	5.62E-08	2.39E-07	1.42E-07	2.71E-08	1.69E-07
5782	624309.76	4266527.51	9.22E-07	2.93E-07	1.21E-06	7.70E-07	2.19E-07	9.90E-07	1.82E-07	5.61E-08	2.39E-07	1.42E-07	2.70E-08	1.69E-07
5783	624300.72	4266523.59	9.19E-07	2.92E-07	1.21E-06	7.68E-07	2.19E-07	9.87E-07	1.82E-07	5.59E-08	2.38E-07	1.42E-07	2.69E-08	1.69E-07
5784	624291.68	4266519.66	9.16E-07	2.91E-07	1.21E-06	7.66E-07	2.18E-07	9.84E-07	1.81E-07	5.57E-08	2.37E-07	1.41E-07	2.69E-08	1.68E-07
5785	624282.64	4266515.74	9.12E-07	2.90E-07	1.20E-06	7.62E-07	2.17E-07	9.79E-07	1.81E-07	5.55E-08	2.36E-07	1.41E-07	2.67E-08	1.67E-07
5786	624273.6	4266511.81	9.07E-07	2.88E-07	1.20E-06	7.58E-07	2.16E-07	9.74E-07	1.80E-07	5.52E-08	2.35E-07	1.40E-07	2.66E-08	1.67E-07
5787	624264.56	4266507.88	9.02E-07	2.86E-07	1.19E-06	7.54E-07	2.14E-07	9.68E-07	1.78E-07	5.49E-08	2.33E-07	1.39E-07	2.64E-08	1.66E-07
5788	624255.52	4266503.96	8.95E-07	2.84E-07	1.18E-06	7.48E-07	2.13E-07	9.61E-07	1.77E-07	5.45E-08	2.32E-07	1.38E-07	2.62E-08	1.64E-07
5789	624246.48	4266500.03	8.89E-07	2.82E-07	1.17E-06	7.43E-07	2.11E-07	9.54E-07	1.76E-07	5.41E-08	2.30E-07	1.37E-07	2.61E-08	1.63E-07
5790	624237.44	4266496.11	8.82E-07	2.80E-07	1.16E-06	7.37E-07	2.10E-07	9.47E-07	1.75E-07	5.37E-08	2.28E-07	1.36E-07	2.59E-08	1.62E-07
5791	624228.4	4266492.18	8.75E-07	2.78E-07	1.15E-06	7.31E-07	2.08E-07	9.39E-07	1.73E-07	5.32E-08	2.26E-07	1.35E-07	2.56E-08	1.61E-07
5792	624219.36	4266488.25	8.67E-07	2.75E-07	1.14E-06	7.25E-07	2.06E-07	9.31E-07	1.72E-07	5.28E-08	2.24E-07	1.34E-07	2.54E-08	1.59E-07
5793	624210.32	4266484.33	8.59E-07	2.73E-07	1.13E-06	7.18E-07	2.04E-07	9.22E-07	1.70E-07	5.23E-08	2.22E-07	1.33E-07	2.52E-08	1.58E-07
5794	624201.28	4266480.4	8.51E-07	2.70E-07	1.12E-06	7.11E-07	2.02E-07	9.13E-07	1.68E-07	5.18E-08	2.20E-07	1.31E-07	2.49E-08	1.56E-07
5795	624192.24	4266476.48	8.42E-07	2.67E-07	1.11E-06	7.04E-07	2.00E-07	9.04E-07	1.67E-07	5.12E-08	2.18E-07	1.30E-07	2.47E-08	1.55E-07
5796	624183.2	4266472.55	8.32E-07	2.64E-07	1.10E-06	6.96E-07	1.98E-07	8.94E-07	1.65E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
5797	624174.16	4266468.63	8.22E-07	2.61E-07	1.08E-06	6.87E-07	1.96E-07	8.83E-07	1.63E-07	5.00E-08	2.13E-07	1.27E-07	2.41E-08	1.51E-07
5798	624165.12	4266464.7	8.12E-07	2.58E-07	1.07E-06	6.79E-07	1.93E-07	8.72E-07	1.61E-07	4.94E-08	2.10E-07	1.25E-07	2.38E-08	1.49E-07
5799	624156.08	4266460.77	8.01E-07	2.54E-07	1.06E-06	6.70E-07	1.90E-07	8.60E-07	1.59E-07	4.87E-08	2.07E-07	1.24E-07	2.35E-08	1.47E-07
5800	624147.04	4266456.85	7.90E-07	2.51E-07	1.04E-06	6.60E-07	1.88E-07	8.48E-07	1.56E-07	4.81E-08	2.04E-07	1.22E-07	2.32E-08	1.45E-07
5801	624138	4266452.92	7.78E-07	2.47E-07	1.03E-06	6.50E-07	1.85E-07	8.35E-07	1.54E-07	4.74E-08	2.01E-07	1.20E-07	2.28E-08	1.43E-07
5802	624128.96	4266449	7.66E-07	2.43E-07	1.01E-06	6.40E-07	1.82E-07	8.23E-07	1.52E-07	4.66E-08	1.98E-07	1.18E-07	2.25E-08	1.41E-07
5803	624119.92	4266445.07	7.54E-07	2.39E-07	9.93E-07	6.30E-07	1.79E-07	8.09E-07	1.49E-07	4.59E-08	1.95E-07	1.16E-07	2.21E-08	1.38E-07
5804	624074.72	4266425.44	6.89E-07	2.19E-07	9.08E-07	5.76E-07	1.64E-07	7.40E-07	1.36E-07	4.19E-08	1.78E-07	1.06E-07	2.02E-08	1.27E-07
5805	624062.05	4266412.35	6.76E-07	2.15E-07	8.90E-07	5.65E-07	1.61E-07	7.26E-07	1.34E-07	4.11E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
5806	624058.42	4266403.19	6.75E-07	2.14E-07	8.90E-07	5.64E-07	1.61E-07	7.25E-07	1.34E-07	4.11E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
5807	624054.79	4266394.03	6.75E-07	2.14E-07	8.89E-07	5.64E-07	1.60E-07	7.24E-07	1.34E-07	4.11E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
5808	624051.16	4266384.87	6.74E-07	2.14E-07	8.88E-07	5.63E-07	1.60E-07	7.24E-07	1.33E-07	4.10E-08	1.74E-07	1.04E-07	1.98E-08	1.24E-07
5809	624047.52	4266375.7	6.73E-07	2.14E-07	8.87E-07	5.63E-07	1.60E-07	7.23E-07	1.33E-07	4.10E-08	1.74E-07	1.04E-07	1.97E-08	1.24E-07
5810	624043.89	4266366.54	6.72E-07	2.13E-07	8.85E-07	5.62E-07	1.60E-07	7.21E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
5811	624040.26	4266357.38	6.71E-07	2.13E-07	8.84E-07	5.61E-07	1.60E-07	7.20E-07	1.33E-07	4.08E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
5812	624036.63	4266348.22	6.70E-07	2.13E-07	8.82E-07	5.60E-07	1.59E-07	7.19E-07	1.33E-07	4.08E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
5813	624033	4266339.06	6.69E-07	2.12E-07	8.81E-07	5.59E-07	1.59E-07	7.18E-07	1.32E-07	4.07E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
5814	624029.37	4266329.9	6.67E-07	2.12E-07	8.79E-07	5.58E-07	1.59E-07	7.16E-07	1.32E-07	4.06E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
5815	624025.74	4266320.73	6.66E-07	2.11E-07	8.77E-07	5.57E-07	1.58E-07	7.15E-07	1.32E-07	4.05E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07
5816	624022.1	4266311.57	6.65E-07	2.11E-07	8.76E-07	5.55E-07	1.58E-07	7.13E-07	1.32E-07	4.04E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07
5817	624018.47	4266302.41	6.63E-07	2.11E-07	8.74E-07	5.54E-07	1.58E-07	7.12E-07	1.31E-07	4.03E-08	1.72E-07	1.02E-07	1.94E-08	1.22E-07
5818	624014.84	4266293.25	6.61E-07	2.10E-07	8.72E-07	5.53E-07	1.57E-07	7.10E-07	1.31E-07	4.02E-08	1.71E-07	1.02E-07	1.94E-08	1.21E-07
5819	624011.21	4266284.09	6.60E-07	2.09E-07	8.69E-07	5.51E-07	1.57E-07	7.08E-07	1.31E-07	4.01E-08	1.71E-07	1.02E-07	1.93E-08	1.21E-07
5820	624007.58	4266274.92	6.58E-07	2.09E-07	8.66E-07	5.50E-07	1.56E-07	7.06E-07	1.30E-07	4.00E-08	1.70E-07	1.01E-07	1.93E-08	1.21E-07
5821	624003.95	4266265.76	6.55E-07	2.08E-07	8.63E-07	5.48E-07	1.56E-07	7.03E-07	1.30E-07	3.99E-08	1.70E-07	1.01E-07	1.92E-08	1.20E-07
5822	624000.31	4266256.6	6.52E-07	2.07E-07	8.60E-07	5.45E-07	1.55E-07	7.00E-07	1.29E-07	3.97E-08	1.69E-07	1.01E-07	1.91E-08	1.20E-07
5823	623996.68	4266247.44	6.49E-07	2.06E-07	8.55E-07	5.43E-07	1.54E-07	6.97E-07	1.29E-07	3.95E-08	1.68E-07	1.00E-07	1.90E-08	1.19E-07
5824	623993.05	4266238.28	6.46E-07	2.05E-07	8.51E-07	5.40E-07	1.53E-07	6.93E-07	1.28E-07	3.93E-08	1.67E-07	9.96E-08	1.89E-08	1.19E-07
5825	623989.42	4266229.11	6.41E-07	2.04E-07	8.45E-07	5.36E-07	1.53E-07	6.89E-07	1.27E-07	3.90E-08	1.66E-07	9.90E-08	1.88E-08	1.18E-07
5826	623985.79	4266219.95	6.37E-07	2.02E-07	8.39E-07	5.32E-07	1.51E-07	6.84E-07	1.26E-07	3.87E-08	1.65E-07	9.83E-08	1.87E-08	1.17E-07
5827	623982.16	4266210.79	6.32E-07	2.01E-07	8.32E-07	5.28E-07	1.50E-07	6.78E-07	1.25E-07	3.84E-08	1.64E-07	9.75E-08	1.85E-08	1.16E-07
5828	623978.52	4266201.63	6.26E-07	1.99E-07	8.25E-07	5.24E-07	1.49E-07	6.73E-07	1.24E-07	3.81E-08	1.62E-07	9.67E-08	1.84E-08	1.15E-07
5829	623974.89	4266192.47	6.21E-07	1.97E-07	8.18E-07	5.19E-07	1.48E-07	6.67E-07	1.23E-07	3.78E-08	1.61E-07	9.58E-08	1.82E-08	1.14E-07
5830	623971.26	4266183.3	6.15E-07	1.95E-07	8.11E-07	5.14E-07	1.46E-07	6.61E-07	1.22E-07	3.74E-08	1.59E-07	9.49E-08	1.80E-08	1.13E-07
5831	623967.63	4266174.14	6.10E-07	1.94E-07	8.03E-07	5.10E-07	1.45E-07	6.55E-07	1.21E-07	3.71E-08	1.58E-07	9.41E-08	1.79E-08	1.12E-07
5832	623964	4266164.98	6.04E-07	1.92E-07	7.96E-07	5.05E-07	1.44E-07	6.48E-07	1.20E-07	3.67E-08	1.56E-07	9.32E-08	1.77E-08	1.11E-07
5833	624365.7	4266543.57	9.37E-07	2.98E-07	1.23E-06	7.83E-07	2.23E-07	1.01E-06	1.86E-07	5.70E-08	2.43E-07	1.45E-07	2.75E-08	1.72E-07
5834	624375.59	4266543.75	9.44E-07	3.00E-07	1.24E-06	7.89E-07	2.25E-07	1.01E-06	1.87E-07	5.75E-08	2.44E-07	1.46E-07	2.77E-08	1.73E-07
5835	624385.47	4266543.92	9.51E-07	3.02E-07	1.25E-06	7.95E-07	2.26E-07	1.02E-06	1.88E-07	5.79E-08	2.46E-07	1.47E-07	2.79E-08	1.75E-07
5836	624395.36	4266544.1	9.57E-07	3.04E-07	1.26E-06	8.00E-07	2.28E-07	1.03E-06	1.89E-07	5.82E-08	2.48E-07	1.48E-07	2.81E-08	1.76E-07
5837	624405.25	4266544.28	9.63E-07	3.06E-07	1.27E-06	8.05E-07	2.29E-07	1.03E-06	1.91E-07	5.86E-08	2.49E-07	1.49E-07	2.82E-08	1.77E-07
5838	624415.14	4266544.45	9.69E-07	3.08E-07	1.28E-06	8.10E-07	2.30E-07	1.04E-06	1.92E-07	5.90E-08	2.51E-07	1.50E-07	2.84E-08	1.78E-07
5839	624425.03	4266544.63	9.75E-07	3.10E-07	1.28E-06	8.15E-07	2.32E-07	1.05E-06	1.93E-07	5.93E-08	2.52E-07	1.50E-07	2.86E-08	1.79E-07
5840	624434.92	4266544.81	9.80E-07	3.11E-07	1.29E-06	8.19E-07	2.33E-07	1.05E-06	1.94E-07	5.96E-08	2.54E-07	1.51E-07	2.87E-08	1.80E-07
5841	624444.81	4266544.98	9.85E-07	3.13E-07	1.30E-06	8.24E-07	2.34E-07	1.06E-06	1.95E-07	6.00E-08	2.55E-07	1.52E-07	2.89E-08	1.81E-07
5842	624454.7	4266545.16	9.91E-07	3.15E-07	1.31E-06	8.28E-07	2.36E-07	1.06E-06	1.96E-07	6.03E-08	2.56E-07	1.53E-07	2.90E-08	1.82E-07

5843	624464.59	4266545.34	9.96E-07	3.16E-07	1.31E-06	8.32E-07	2.37E-07	1.07E-06	1.97E-07	6.06E-08	2.58E-07	1.54E-07	2.92E-08	1.83E-07
5844	624474.48	4266545.51	1.00E-06	3.18E-07	1.32E-06	8.36E-07	2.38E-07	1.07E-06	1.98E-07	6.09E-08	2.59E-07	1.54E-07	2.93E-08	1.84E-07
5845	624484.37	4266545.69	1.01E-06	3.19E-07	1.32E-06	8.40E-07	2.39E-07	1.08E-06	1.99E-07	6.12E-08	2.60E-07	1.55E-07	2.95E-08	1.85E-07
5846	624494.26	4266545.87	1.01E-06	3.21E-07	1.33E-06	8.44E-07	2.40E-07	1.08E-06	2.00E-07	6.14E-08	2.61E-07	1.56E-07	2.96E-08	1.85E-07
5847	624504.15	4266546.04	1.01E-06	3.22E-07	1.34E-06	8.47E-07	2.41E-07	1.09E-06	2.01E-07	6.17E-08	2.62E-07	1.56E-07	2.97E-08	1.86E-07
5848	624514.03	4266546.22	1.02E-06	3.23E-07	1.34E-06	8.51E-07	2.42E-07	1.09E-06	2.01E-07	6.19E-08	2.63E-07	1.57E-07	2.98E-08	1.87E-07
5849	624523.92	4266546.4	1.02E-06	3.24E-07	1.35E-06	8.54E-07	2.43E-07	1.10E-06	2.02E-07	6.22E-08	2.64E-07	1.58E-07	2.99E-08	1.88E-07
5850	624533.81	4266546.57	1.03E-06	3.26E-07	1.35E-06	8.57E-07	2.44E-07	1.10E-06	2.03E-07	6.24E-08	2.65E-07	1.58E-07	3.00E-08	1.88E-07
5851	624543.7	4266546.75	1.03E-06	3.27E-07	1.35E-06	8.59E-07	2.44E-07	1.10E-06	2.04E-07	6.26E-08	2.66E-07	1.59E-07	3.01E-08	1.89E-07
5852	624553.59	4266546.92	1.03E-06	3.27E-07	1.36E-06	8.62E-07	2.45E-07	1.11E-06	2.04E-07	6.27E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
5853	624563.48	4266547.1	1.03E-06	3.28E-07	1.36E-06	8.64E-07	2.46E-07	1.11E-06	2.05E-07	6.29E-08	2.68E-07	1.60E-07	3.03E-08	1.90E-07
5854	624573.37	4266547.28	1.04E-06	3.29E-07	1.37E-06	8.66E-07	2.46E-07	1.11E-06	2.05E-07	6.30E-08	2.68E-07	1.60E-07	3.04E-08	1.90E-07
5855	624583.26	4266547.45	1.04E-06	3.30E-07	1.37E-06	8.68E-07	2.47E-07	1.11E-06	2.05E-07	6.32E-08	2.69E-07	1.60E-07	3.04E-08	1.91E-07
5856	624593.15	4266547.63	1.04E-06	3.30E-07	1.37E-06	8.69E-07	2.47E-07	1.12E-06	2.06E-07	6.33E-08	2.69E-07	1.60E-07	3.05E-08	1.91E-07
5857	624603.04	4266547.81	1.04E-06	3.31E-07	1.37E-06	8.70E-07	2.48E-07	1.12E-06	2.06E-07	6.34E-08	2.69E-07	1.61E-07	3.05E-08	1.91E-07
5858	624612.93	4266547.98	1.04E-06	3.31E-07	1.37E-06	8.71E-07	2.48E-07	1.12E-06	2.06E-07	6.34E-08	2.70E-07	1.61E-07	3.05E-08	1.91E-07
5859	624622.82	4266548.16	1.04E-06	3.31E-07	1.37E-06	8.72E-07	2.48E-07	1.12E-06	2.06E-07	6.34E-08	2.70E-07	1.61E-07	3.06E-08	1.91E-07
5860	624632.7	4266548.34	1.04E-06	3.31E-07	1.37E-06	8.72E-07	2.48E-07	1.12E-06	2.06E-07	6.35E-08	2.70E-07	1.61E-07	3.06E-08	1.91E-07
5861	624642.59	4266548.51	1.04E-06	3.31E-07	1.37E-06	8.71E-07	2.48E-07	1.12E-06	2.06E-07	6.34E-08	2.70E-07	1.61E-07	3.05E-08	1.91E-07
5862	624652.48	4266548.69	1.04E-06	3.31E-07	1.37E-06	8.70E-07	2.48E-07	1.12E-06	2.06E-07	6.33E-08	2.69E-07	1.61E-07	3.05E-08	1.91E-07
5863	624662.37	4266548.87	1.04E-06	3.30E-07	1.37E-06	8.68E-07	2.47E-07	1.12E-06	2.06E-07	6.32E-08	2.69E-07	1.60E-07	3.05E-08	1.91E-07
5864	624672.26	4266549.04	1.04E-06	3.29E-07	1.37E-06	8.66E-07	2.46E-07	1.11E-06	2.05E-07	6.31E-08	2.68E-07	1.60E-07	3.04E-08	1.90E-07
5865	624682.15	4266549.22	1.03E-06	3.28E-07	1.36E-06	8.63E-07	2.46E-07	1.11E-06	2.04E-07	6.28E-08	2.67E-07	1.59E-07	3.03E-08	1.90E-07
5866	624692.04	4266549.4	1.03E-06	3.27E-07	1.35E-06	8.59E-07	2.44E-07	1.10E-06	2.04E-07	6.26E-08	2.66E-07	1.59E-07	3.01E-08	1.89E-07
5867	624701.93	4266549.57	1.02E-06	3.25E-07	1.35E-06	8.55E-07	2.43E-07	1.10E-06	2.03E-07	6.23E-08	2.65E-07	1.58E-07	3.00E-08	1.88E-07
5868	624711.82	4266549.75	1.02E-06	3.23E-07	1.34E-06	8.50E-07	2.42E-07	1.09E-06	2.01E-07	6.19E-08	2.63E-07	1.57E-07	2.98E-08	1.87E-07
5869	624721.71	4266549.93	1.01E-06	3.21E-07	1.33E-06	8.45E-07	2.40E-07	1.09E-06	2.00E-07	6.15E-08	2.62E-07	1.56E-07	2.96E-08	1.86E-07
5870	624731.6	4266550.1	1.00E-06	3.19E-07	1.32E-06	8.39E-07	2.39E-07	1.08E-06	1.99E-07	6.11E-08	2.60E-07	1.55E-07	2.94E-08	1.84E-07
5871	624741.49	4266550.28	9.97E-07	3.17E-07	1.31E-06	8.34E-07	2.37E-07	1.07E-06	1.97E-07	6.07E-08	2.58E-07	1.54E-07	2.92E-08	1.83E-07
5872	624751.38	4266550.46	9.90E-07	3.14E-07	1.30E-06	8.27E-07	2.35E-07	1.06E-06	1.96E-07	6.02E-08	2.56E-07	1.53E-07	2.90E-08	1.82E-07
5873	624761.26	4266550.63	9.83E-07	3.12E-07	1.29E-06	8.21E-07	2.34E-07	1.05E-06	1.94E-07	5.98E-08	2.54E-07	1.52E-07	2.88E-08	1.80E-07
5874	624771.15	4266550.81	9.75E-07	3.10E-07	1.28E-06	8.15E-07	2.32E-07	1.05E-06	1.93E-07	5.93E-08	2.52E-07	1.50E-07	2.86E-08	1.79E-07
5875	624781.04	4266550.99	9.68E-07	3.07E-07	1.27E-06	8.09E-07	2.30E-07	1.04E-06	1.92E-07	5.89E-08	2.50E-07	1.49E-07	2.84E-08	1.78E-07
5876	624790.93	4266551.16	9.60E-07	3.05E-07	1.27E-06	8.03E-07	2.28E-07	1.03E-06	1.90E-07	5.84E-08	2.48E-07	1.48E-07	2.81E-08	1.76E-07
5877	624800.82	4266551.34	9.53E-07	3.03E-07	1.26E-06	7.96E-07	2.26E-07	1.02E-06	1.89E-07	5.80E-08	2.47E-07	1.47E-07	2.79E-08	1.75E-07
5878	624810.71	4266551.52	9.44E-07	3.00E-07	1.24E-06	7.89E-07	2.25E-07	1.01E-06	1.87E-07	5.75E-08	2.44E-07	1.46E-07	2.77E-08	1.73E-07
5879	624820.6	4266551.69	9.36E-07	2.97E-07	1.23E-06	7.82E-07	2.23E-07	1.01E-06	1.85E-07	5.70E-08	2.42E-07	1.44E-07	2.74E-08	1.72E-07
5880	624830.49	4266551.87	9.27E-07	2.95E-07	1.22E-06	7.75E-07	2.21E-07	9.96E-07	1.84E-07	5.64E-08	2.40E-07	1.43E-07	2.72E-08	1.70E-07
5881	624840.38	4266552.05	9.18E-07	2.92E-07	1.21E-06	7.68E-07	2.18E-07	9.86E-07	1.82E-07	5.59E-08	2.38E-07	1.42E-07	2.69E-08	1.69E-07
5882	624336.02	4266589.3	8.18E-07	2.60E-07	1.08E-06	6.83E-07	1.94E-07	8.78E-07	1.62E-07	4.97E-08	2.12E-07	1.26E-07	2.40E-08	1.50E-07
5883	624327.01	4266585.38	8.19E-07	2.60E-07	1.08E-06	6.85E-07	1.95E-07	8.79E-07	1.62E-07	4.98E-08	2.12E-07	1.26E-07	2.40E-08	1.50E-07
5884	624318	4266581.47	8.20E-07	2.60E-07	1.08E-06	6.85E-07	1.95E-07	8.80E-07	1.62E-07	4.99E-08	2.12E-07	1.27E-07	2.40E-08	1.51E-07
5885	624309	4266577.56	8.20E-07	2.60E-07	1.08E-06	6.85E-07	1.95E-07	8.80E-07	1.62E-07	4.99E-08	2.12E-07	1.27E-07	2.40E-08	1.51E-07
5886	624299.99	4266573.65	8.19E-07	2.60E-07	1.08E-06	6.85E-07	1.95E-07	8.80E-07	1.62E-07	4.99E-08	2.12E-07	1.26E-07	2.40E-08	1.50E-07
5887	624245.94	4266550.18	8.01E-07	2.54E-07	1.06E-06	6.69E-07	1.90E-07	8.60E-07	1.59E-07	4.87E-08	2.07E-07	1.24E-07	2.35E-08	1.47E-07
5888	624236.93	4266546.27	7.96E-07	2.53E-07	1.05E-06	6.65E-07	1.89E-07	8.54E-07	1.58E-07	4.84E-08	2.06E-07	1.23E-07	2.33E-08	1.46E-07
5889	624227.93	4266542.35	7.91E-07	2.51E-07	1.04E-06	6.61E-07	1.88E-07	8.49E-07	1.57E-07	4.81E-08	2.05E-07	1.22E-07	2.32E-08	1.45E-07
5890	624218.92	4266538.44	7.85E-07	2.49E-07	1.03E-06	6.56E-07	1.87E-07	8.43E-07	1.55E-07	4.78E-08	2.03E-07	1.21E-07	2.30E-08	1.44E-07
5891	624209.91	4266534.53	7.80E-07	2.48E-07	1.03E-06	6.52E-07	1.85E-07	8.37E-07	1.54E-07	4.75E-08	2.02E-07	1.20E-07	2.29E-08	1.43E-07
5892	624200.9	4266530.62	7.74E-07	2.46E-07	1.02E-06	6.47E-07	1.84E-07	8.31E-07	1.53E-07	4.71E-08	2.00E-07	1.19E-07	2.27E-08	1.42E-07
5893	624191.9	4266526.71	7.68E-07	2.44E-07	1.01E-06	6.42E-07	1.83E-07	8.25E-07	1.52E-07	4.67E-08	1.99E-07	1.19E-07	2.25E-08	1.41E-07
5894	624182.89	4266522.8	7.62E-07	2.42E-07	1.00E-06	6.37E-07	1.81E-07	8.18E-07	1.51E-07	4.64E-08	1.97E-07	1.18E-07	2.23E-08	1.40E-07
5895	624173.88	4266518.88	7.55E-07	2.40E-07	9.95E-07	6.31E-07	1.80E-07	8.11E-07	1.49E-07	4.60E-08	1.95E-07	1.17E-07	2.21E-08	1.39E-07
5896	624164.87	4266514.97	7.48E-07	2.38E-07	9.86E-07	6.25E-07	1.78E-07	8.03E-07	1.48E-07	4.55E-08	1.94E-07	1.15E-07	2.19E-08	1.37E-07
5897	624155.87	4266511.06	7.41E-07	2.35E-07	9.76E-07	6.19E-07	1.76E-07	7.95E-07	1.47E-07	4.51E-08	1.92E-07	1.14E-07	2.17E-08	1.36E-07
5898	624146.86	4266507.15	7.33E-07	2.33E-07	9.65E-07	6.12E-07	1.74E-07	7.86E-07	1.45E-07	4.46E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
5899	624137.85	4266503.24	7.24E-07	2.30E-07	9.54E-07	6.05E-07	1.72E-07	7.77E-07	1.43E-07	4.41E-08	1.87E-07	1.12E-07	2.12E-08	1.33E-07
5900	624128.84	4266499.32	7.15E-07	2.27E-07	9.42E-07	5.98E-07	1.70E-07	7.68E-07	1.42E-07	4.35E-08	1.85E-07	1.10E-07	2.10E-08	1.31E-07
5901	624119.84	4266495.41	7.06E-07	2.24E-07	9.30E-07	5.90E-07	1.68E-07	7.58E-07	1.40E-07	4.30E-08	1.83E-07	1.09E-07	2.07E-08	1.30E-07
5902	624074.8	4266475.85	6.55E-07	2.08E-07	8.63E-07	5.47E-07	1.56E-07	7.03E-07	1.30E-07	3.98E-08	1.69E-07	1.01E-07	1.92E-08	1.20E-07
5903	624065.79	4266471.94	6.44E-07	2.04E-07	8.48E-07	5.38E-07	1.53E-07	6.91E-07	1.27E-07	3.92E-08	1.67E-07	9.93E-08	1.89E-08	1.18E-07
5904	624056.78	4266468.03	6.33E-07	2.01E-07	8.34E-07	5.29E-07	1.50E-07	6.79E-07	1.25E-07	3.85E-08	1.64E-07	9.76E-08	1.85E-08	1.16E-07
5905	624047.78	4266464.12	6.22E-07	1.97E-07	8.19E-07	5.20E-07	1.48E-07	6.67E-07	1.23E-07	3.78E-08	1.61E-07	9.59E-08	1.82E-08	1.14E-07
5906	624038.77	4266460.21	6.11E-07	1.94E-07	8.05E-07	5.10E-07	1.45E-07	6.56E-07	1.21E-07	3.72E-08	1.58E-07	9.42E-08	1.79E-08	1.12E-07
5907	624026.14	4266447.16	5.99E-07	1.90E-07	7.89E-07	5.01E-07	1.42E-07	6.43E-07	1.19E-07	3.65E-08	1.55E-07	9.24E-08	1.76E-08	1.10E-07
5908	624022.52	4266438.04	5.98E-07	1.90E-07	7.88E-07	5.00E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.23E-08	1.75E-08	1.10E-07
5909	624018.91	4266428.91	5.98E-07	1.90E-07	7.87E-07	4.99E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.22E-08	1.75E-08	1.10E-07
5910	624015.29	4266419.78	5.97E-07	1.89E-07	7.86E-07	4.99E-07	1.42E-07	6.41E-07	1.18E-07	3.63E-08	1.54E-07	9.21E-08	1.75E-08	1.10E-07
5911	624011.67	4266410.65	5.96E-07	1.89E-07	7.85E-07	4.98E-07	1.42E-07	6.40E-07	1.18E-07	3.63E-08	1.54E-07	9.19E-08	1.75E-08	1.09E-07
5912	624008.05	4266401.52	5.95E-07	1.89E-07	7.84E-07	4.97E-07	1.41E-07	6.39E-07	1.18E-07	3.62E-08	1.54E-07	9.18E-08	1.74E-08	1.09E-07
5913	624004.43	4266392.39	5.94E-07	1.89E-07	7.82E-07	4.96E-07	1.41E-07	6.37E-07	1.18E-07	3.61E-08	1.54E-07	9.16E-08	1.74E-08	1.09E-07
5914	624000.81	4266383.26	5.93E-07	1.88E-07	7.81E-07	4.95E-07	1.41E-07	6.36E-07	1.17E-07	3.61E-08	1.53E-07	9.15E-08	1.74E-08	1.09E-07
5915	623997.19	4266374.13	5.92E-07	1.88E-07	7.80E-07	4.95E-07	1.41E-07	6.35E-07	1.17E-07	3.60E-08	1.53E-07	9.13E-08	1.73E-08	1.09E-07
5916	623993.57	4266365	5.91E-07	1.88E-07	7.78E-07	4.94E-07	1.40E-07	6.34E-07	1.17E-07	3.59E-08	1.53E-07	9.11E-08	1.73E-08	1.08E-07

5917	623989.96	4266355.87	5.90E-07	1.87E-07	7.77E-07	4.93E-07	1.40E-07	6.33E-07	1.17E-07	3.59E-08	1.53E-07	9.10E-08	1.73E-08	1.08E-07
5918	623986.34	4266346.74	5.89E-07	1.87E-07	7.76E-07	4.92E-07	1.40E-07	6.32E-07	1.17E-07	3.58E-08	1.52E-07	9.08E-08	1.73E-08	1.08E-07
5919	623982.72	4266337.61	5.88E-07	1.87E-07	7.74E-07	4.91E-07	1.40E-07	6.31E-07	1.16E-07	3.58E-08	1.52E-07	9.07E-08	1.72E-08	1.08E-07
5920	623979.1	4266328.48	5.87E-07	1.86E-07	7.73E-07	4.90E-07	1.39E-07	6.30E-07	1.16E-07	3.57E-08	1.52E-07	9.05E-08	1.72E-08	1.08E-07
5921	623975.48	4266319.36	5.85E-07	1.86E-07	7.71E-07	4.89E-07	1.39E-07	6.29E-07	1.16E-07	3.56E-08	1.52E-07	9.03E-08	1.72E-08	1.07E-07
5922	623971.86	4266310.23	5.84E-07	1.86E-07	7.70E-07	4.88E-07	1.39E-07	6.27E-07	1.16E-07	3.56E-08	1.51E-07	9.02E-08	1.71E-08	1.07E-07
5923	623968.24	4266301.1	5.83E-07	1.85E-07	7.68E-07	4.87E-07	1.39E-07	6.26E-07	1.15E-07	3.55E-08	1.51E-07	9.00E-08	1.71E-08	1.07E-07
5924	623964.62	4266291.97	5.82E-07	1.85E-07	7.66E-07	4.86E-07	1.38E-07	6.24E-07	1.15E-07	3.54E-08	1.50E-07	8.97E-08	1.70E-08	1.07E-07
5925	623961.01	4266282.84	5.80E-07	1.84E-07	7.64E-07	4.85E-07	1.38E-07	6.23E-07	1.15E-07	3.53E-08	1.50E-07	8.95E-08	1.70E-08	1.06E-07
5926	623957.39	4266273.71	5.78E-07	1.84E-07	7.62E-07	4.83E-07	1.37E-07	6.21E-07	1.14E-07	3.52E-08	1.50E-07	8.92E-08	1.69E-08	1.06E-07
5927	623953.77	4266264.58	5.76E-07	1.83E-07	7.59E-07	4.81E-07	1.37E-07	6.18E-07	1.14E-07	3.50E-08	1.49E-07	8.89E-08	1.69E-08	1.06E-07
5928	623950.15	4266255.45	5.73E-07	1.82E-07	7.55E-07	4.79E-07	1.36E-07	6.15E-07	1.13E-07	3.49E-08	1.48E-07	8.85E-08	1.68E-08	1.05E-07
5929	623946.53	4266246.32	5.70E-07	1.81E-07	7.51E-07	4.77E-07	1.36E-07	6.12E-07	1.13E-07	3.47E-08	1.48E-07	8.80E-08	1.67E-08	1.05E-07
5930	623942.91	4266237.19	5.67E-07	1.80E-07	7.47E-07	4.74E-07	1.35E-07	6.09E-07	1.12E-07	3.45E-08	1.47E-07	8.75E-08	1.66E-08	1.04E-07
5931	623939.29	4266228.06	5.63E-07	1.79E-07	7.42E-07	4.71E-07	1.34E-07	6.05E-07	1.11E-07	3.43E-08	1.46E-07	8.69E-08	1.65E-08	1.03E-07
5932	623935.68	4266218.93	5.59E-07	1.78E-07	7.37E-07	4.67E-07	1.33E-07	6.00E-07	1.11E-07	3.40E-08	1.45E-07	8.63E-08	1.64E-08	1.03E-07
5933	623932.06	4266209.8	5.55E-07	1.76E-07	7.31E-07	4.64E-07	1.32E-07	5.96E-07	1.10E-07	3.38E-08	1.44E-07	8.56E-08	1.63E-08	1.02E-07
5934	623928.44	4266200.67	5.50E-07	1.75E-07	7.25E-07	4.60E-07	1.31E-07	5.91E-07	1.09E-07	3.35E-08	1.42E-07	8.49E-08	1.61E-08	1.01E-07
5935	623924.82	4266191.55	5.46E-07	1.73E-07	7.19E-07	4.56E-07	1.30E-07	5.86E-07	1.08E-07	3.32E-08	1.41E-07	8.42E-08	1.60E-08	1.00E-07
5936	623921.2	4266182.42	5.41E-07	1.72E-07	7.13E-07	4.52E-07	1.29E-07	5.81E-07	1.07E-07	3.29E-08	1.40E-07	8.34E-08	1.59E-08	9.93E-08
5937	623917.58	4266173.29	5.36E-07	1.70E-07	7.06E-07	4.48E-07	1.27E-07	5.76E-07	1.06E-07	3.26E-08	1.39E-07	8.27E-08	1.57E-08	9.84E-08
5938	623913.96	4266164.16	5.31E-07	1.69E-07	7.00E-07	4.44E-07	1.26E-07	5.70E-07	1.05E-07	3.23E-08	1.37E-07	8.20E-08	1.56E-08	9.75E-08
5939	623910.34	4266155.03	5.26E-07	1.67E-07	6.93E-07	4.40E-07	1.25E-07	5.65E-07	1.04E-07	3.20E-08	1.36E-07	8.12E-08	1.54E-08	9.66E-08
5940	624345.03	4266593.21	8.15E-07	2.59E-07	1.07E-06	6.82E-07	1.94E-07	8.75E-07	1.61E-07	4.96E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
5941	624354.91	4266593.38	8.21E-07	2.61E-07	1.08E-06	6.86E-07	1.95E-07	8.81E-07	1.62E-07	4.99E-08	2.12E-07	1.27E-07	2.41E-08	1.51E-07
5942	624364.8	4266593.56	8.25E-07	2.62E-07	1.09E-06	6.90E-07	1.96E-07	8.86E-07	1.63E-07	5.02E-08	2.14E-07	1.27E-07	2.42E-08	1.52E-07
5943	624374.69	4266593.74	8.30E-07	2.64E-07	1.09E-06	6.94E-07	1.97E-07	8.91E-07	1.64E-07	5.05E-08	2.15E-07	1.28E-07	2.43E-08	1.52E-07
5944	624384.58	4266593.91	8.34E-07	2.65E-07	1.10E-06	6.97E-07	1.98E-07	8.95E-07	1.65E-07	5.07E-08	2.16E-07	1.29E-07	2.44E-08	1.53E-07
5945	624394.47	4266594.09	8.38E-07	2.66E-07	1.10E-06	7.00E-07	1.99E-07	9.00E-07	1.66E-07	5.10E-08	2.17E-07	1.29E-07	2.46E-08	1.54E-07
5946	624404.36	4266594.27	8.42E-07	2.67E-07	1.11E-06	7.03E-07	2.00E-07	9.04E-07	1.67E-07	5.12E-08	2.18E-07	1.30E-07	2.47E-08	1.55E-07
5947	624414.25	4266594.44	8.45E-07	2.68E-07	1.11E-06	7.06E-07	2.01E-07	9.07E-07	1.67E-07	5.14E-08	2.19E-07	1.30E-07	2.48E-08	1.55E-07
5948	624424.14	4266594.62	8.48E-07	2.69E-07	1.12E-06	7.09E-07	2.02E-07	9.11E-07	1.68E-07	5.16E-08	2.20E-07	1.31E-07	2.49E-08	1.56E-07
5949	624434.03	4266594.8	8.51E-07	2.70E-07	1.12E-06	7.12E-07	2.02E-07	9.14E-07	1.69E-07	5.18E-08	2.20E-07	1.31E-07	2.50E-08	1.56E-07
5950	624443.92	4266594.97	8.54E-07	2.71E-07	1.13E-06	7.14E-07	2.03E-07	9.17E-07	1.69E-07	5.20E-08	2.21E-07	1.32E-07	2.50E-08	1.57E-07
5951	624453.81	4266595.15	8.57E-07	2.72E-07	1.13E-06	7.17E-07	2.04E-07	9.21E-07	1.70E-07	5.22E-08	2.22E-07	1.32E-07	2.51E-08	1.57E-07
5952	624463.7	4266595.33	8.60E-07	2.73E-07	1.13E-06	7.19E-07	2.05E-07	9.24E-07	1.70E-07	5.23E-08	2.23E-07	1.33E-07	2.52E-08	1.58E-07
5953	624473.58	4266595.5	8.63E-07	2.74E-07	1.14E-06	7.21E-07	2.05E-07	9.27E-07	1.71E-07	5.25E-08	2.23E-07	1.33E-07	2.53E-08	1.58E-07
5954	624483.47	4266595.68	8.66E-07	2.75E-07	1.14E-06	7.24E-07	2.06E-07	9.29E-07	1.71E-07	5.27E-08	2.24E-07	1.34E-07	2.54E-08	1.59E-07
5955	624493.36	4266595.86	8.68E-07	2.76E-07	1.14E-06	7.26E-07	2.06E-07	9.32E-07	1.72E-07	5.28E-08	2.25E-07	1.34E-07	2.55E-08	1.59E-07
5956	624503.25	4266596.03	8.71E-07	2.77E-07	1.15E-06	7.28E-07	2.07E-07	9.35E-07	1.72E-07	5.30E-08	2.25E-07	1.34E-07	2.55E-08	1.60E-07
5957	624513.14	4266596.21	8.73E-07	2.77E-07	1.15E-06	7.30E-07	2.08E-07	9.38E-07	1.73E-07	5.31E-08	2.26E-07	1.35E-07	2.56E-08	1.60E-07
5958	624523.03	4266596.39	8.76E-07	2.78E-07	1.15E-06	7.32E-07	2.08E-07	9.40E-07	1.73E-07	5.33E-08	2.27E-07	1.35E-07	2.57E-08	1.61E-07
5959	624532.92	4266596.56	8.78E-07	2.79E-07	1.16E-06	7.34E-07	2.09E-07	9.43E-07	1.74E-07	5.34E-08	2.27E-07	1.35E-07	2.57E-08	1.61E-07
5960	624542.81	4266596.74	8.80E-07	2.80E-07	1.16E-06	7.36E-07	2.09E-07	9.45E-07	1.74E-07	5.36E-08	2.28E-07	1.36E-07	2.58E-08	1.62E-07
5961	624552.7	4266596.92	8.82E-07	2.80E-07	1.16E-06	7.37E-07	2.10E-07	9.47E-07	1.75E-07	5.37E-08	2.28E-07	1.36E-07	2.59E-08	1.62E-07
5962	624562.59	4266597.09	8.84E-07	2.81E-07	1.17E-06	7.39E-07	2.10E-07	9.49E-07	1.75E-07	5.38E-08	2.29E-07	1.36E-07	2.59E-08	1.62E-07
5963	624572.48	4266597.27	8.86E-07	2.81E-07	1.17E-06	7.41E-07	2.11E-07	9.51E-07	1.75E-07	5.39E-08	2.29E-07	1.37E-07	2.60E-08	1.63E-07
5964	624582.37	4266597.45	8.88E-07	2.82E-07	1.17E-06	7.42E-07	2.11E-07	9.53E-07	1.76E-07	5.40E-08	2.30E-07	1.37E-07	2.60E-08	1.63E-07
5965	624592.26	4266597.62	8.89E-07	2.82E-07	1.17E-06	7.43E-07	2.11E-07	9.55E-07	1.76E-07	5.41E-08	2.30E-07	1.37E-07	2.61E-08	1.63E-07
5966	624602.14	4266597.8	8.91E-07	2.83E-07	1.17E-06	7.44E-07	2.12E-07	9.56E-07	1.76E-07	5.42E-08	2.30E-07	1.37E-07	2.61E-08	1.64E-07
5967	624612.03	4266597.98	8.92E-07	2.83E-07	1.17E-06	7.45E-07	2.12E-07	9.57E-07	1.77E-07	5.43E-08	2.31E-07	1.38E-07	2.61E-08	1.64E-07
5968	624621.92	4266598.15	8.92E-07	2.83E-07	1.18E-06	7.46E-07	2.12E-07	9.58E-07	1.77E-07	5.43E-08	2.31E-07	1.38E-07	2.62E-08	1.64E-07
5969	624631.81	4266598.33	8.93E-07	2.83E-07	1.18E-06	7.46E-07	2.12E-07	9.58E-07	1.77E-07	5.43E-08	2.31E-07	1.38E-07	2.62E-08	1.64E-07
5970	624641.7	4266598.51	8.92E-07	2.83E-07	1.18E-06	7.46E-07	2.12E-07	9.58E-07	1.77E-07	5.43E-08	2.31E-07	1.38E-07	2.62E-08	1.64E-07
5971	624651.59	4266598.68	8.91E-07	2.83E-07	1.17E-06	7.45E-07	2.12E-07	9.57E-07	1.76E-07	5.42E-08	2.31E-07	1.38E-07	2.61E-08	1.64E-07
5972	624661.48	4266598.86	8.90E-07	2.83E-07	1.17E-06	7.44E-07	2.12E-07	9.55E-07	1.76E-07	5.41E-08	2.30E-07	1.37E-07	2.61E-08	1.63E-07
5973	624671.37	4266599.04	8.88E-07	2.82E-07	1.17E-06	7.42E-07	2.11E-07	9.53E-07	1.76E-07	5.40E-08	2.30E-07	1.37E-07	2.60E-08	1.63E-07
5974	624681.26	4266599.21	8.85E-07	2.81E-07	1.17E-06	7.39E-07	2.10E-07	9.50E-07	1.75E-07	5.38E-08	2.29E-07	1.37E-07	2.59E-08	1.62E-07
5975	624691.15	4266599.39	8.81E-07	2.80E-07	1.16E-06	7.37E-07	2.10E-07	9.46E-07	1.74E-07	5.36E-08	2.28E-07	1.36E-07	2.58E-08	1.62E-07
5976	624701.04	4266599.57	8.77E-07	2.79E-07	1.16E-06	7.33E-07	2.09E-07	9.42E-07	1.74E-07	5.34E-08	2.27E-07	1.35E-07	2.57E-08	1.61E-07
5977	624710.93	4266599.74	8.73E-07	2.77E-07	1.15E-06	7.30E-07	2.08E-07	9.37E-07	1.73E-07	5.31E-08	2.26E-07	1.35E-07	2.56E-08	1.60E-07
5978	624720.81	4266599.92	8.68E-07	2.76E-07	1.14E-06	7.26E-07	2.06E-07	9.32E-07	1.72E-07	5.28E-08	2.25E-07	1.34E-07	2.54E-08	1.59E-07
5979	624730.7	4266600.1	8.63E-07	2.74E-07	1.14E-06	7.22E-07	2.05E-07	9.27E-07	1.71E-07	5.25E-08	2.23E-07	1.33E-07	2.53E-08	1.59E-07
5980	624740.59	4266600.27	8.58E-07	2.73E-07	1.13E-06	7.18E-07	2.04E-07	9.22E-07	1.70E-07	5.22E-08	2.22E-07	1.32E-07	2.52E-08	1.58E-07
5981	624750.48	4266600.45	8.53E-07	2.71E-07	1.12E-06	7.13E-07	2.03E-07	9.16E-07	1.69E-07	5.19E-08	2.21E-07	1.32E-07	2.50E-08	1.57E-07
5982	624760.37	4266600.63	8.48E-07	2.69E-07	1.12E-06	7.09E-07	2.02E-07	9.11E-07	1.68E-07	5.16E-08	2.19E-07	1.31E-07	2.49E-08	1.56E-07
5983	624770.26	4266600.8	8.43E-07	2.68E-07	1.11E-06	7.05E-07	2.00E-07	9.05E-07	1.67E-07	5.13E-08	2.18E-07	1.30E-07	2.47E-08	1.55E-07
5984	624780.15	4266600.98	8.38E-07	2.66E-07	1.10E-06	7.00E-07	1.99E-07	9.00E-07	1.66E-07	5.10E-08	2.17E-07	1.29E-07	2.46E-08	1.54E-07
5985	624790.04	4266601.16	8.33E-07	2.64E-07	1.10E-06	6.96E-07	1.98E-07	8.94E-07	1.65E-07	5.07E-08	2.16E-07	1.28E-07	2.44E-08	1.53E-07
5986	624799.93	4266601.33	8.28E-07	2.63E-07	1.09E-06	6.92E-07	1.97E-07	8.88E-07	1.64E-07	5.04E-08	2.14E-07	1.28E-07	2.43E-08	1.52E-07
5987	624809.82	4266601.51	8.22E-07	2.61E-07	1.08E-06	6.87E-07	1.95E-07	8.83E-07	1.63E-07	5.00E-08	2.13E-07	1.27E-07	2.41E-08	1.51E-07
5988	624819.71	4266601.69	8.16E-07	2.59E-07	1.08E-06	6.82E-07	1.94E-07	8.76E-07	1.62E-07	4.97E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
5989	624829.6	4266601.86	8.10E-07	2.57E-07	1.07E-06	6.77E-07	1.93E-07	8.70E-07	1.60E-07	4.93E-08	2.10E-07	1.25E-07	2.37E-08	1.49E-07
5990	624839.49	4266602.04	8.04E-07	2.55E-07	1.06E-06	6.72E-07	1.91E-07	8.63E-07	1.59E-07	4.89E-08	2.08E-07	1.24E-07	2.36E-08	1.48E-07

5991	624335.15	4266639.3	7.29E-07	2.31E-07	9.60E-07	6.09E-07	1.73E-07	7.82E-07	1.44E-07	4.43E-08	1.89E-07	1.12E-07	2.14E-08	1.34E-07
5992	624326.17	4266635.4	7.31E-07	2.32E-07	9.63E-07	6.11E-07	1.74E-07	7.85E-07	1.45E-07	4.45E-08	1.89E-07	1.13E-07	2.14E-08	1.34E-07
5993	624317.19	4266631.5	7.33E-07	2.33E-07	9.65E-07	6.12E-07	1.74E-07	7.86E-07	1.45E-07	4.46E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
5994	624308.2	4266627.6	7.34E-07	2.33E-07	9.67E-07	6.13E-07	1.74E-07	7.88E-07	1.45E-07	4.46E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
5995	624299.22	4266623.7	7.34E-07	2.33E-07	9.67E-07	6.14E-07	1.75E-07	7.88E-07	1.45E-07	4.47E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
5996	624290.24	4266619.8	7.34E-07	2.33E-07	9.67E-07	6.14E-07	1.75E-07	7.88E-07	1.45E-07	4.47E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
5997	624281.26	4266615.9	7.33E-07	2.33E-07	9.66E-07	6.13E-07	1.74E-07	7.87E-07	1.45E-07	4.46E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
5998	624272.28	4266611.99	7.31E-07	2.32E-07	9.64E-07	6.11E-07	1.74E-07	7.85E-07	1.45E-07	4.45E-08	1.89E-07	1.13E-07	2.14E-08	1.34E-07
5999	624263.3	4266608.09	7.29E-07	2.32E-07	9.61E-07	6.10E-07	1.73E-07	7.83E-07	1.44E-07	4.44E-08	1.89E-07	1.13E-07	2.14E-08	1.34E-07
6000	624254.31	4266604.19	7.27E-07	2.31E-07	9.58E-07	6.08E-07	1.73E-07	7.80E-07	1.44E-07	4.42E-08	1.88E-07	1.12E-07	2.13E-08	1.33E-07
6001	624245.33	4266600.29	7.24E-07	2.30E-07	9.54E-07	6.05E-07	1.72E-07	7.77E-07	1.43E-07	4.41E-08	1.87E-07	1.12E-07	2.12E-08	1.33E-07
6002	624236.35	4266596.39	7.21E-07	2.29E-07	9.50E-07	6.03E-07	1.71E-07	7.74E-07	1.43E-07	4.39E-08	1.87E-07	1.11E-07	2.11E-08	1.32E-07
6003	624227.37	4266592.49	7.17E-07	2.28E-07	9.45E-07	6.00E-07	1.71E-07	7.70E-07	1.42E-07	4.37E-08	1.86E-07	1.11E-07	2.10E-08	1.32E-07
6004	624218.39	4266588.59	7.14E-07	2.27E-07	9.40E-07	5.97E-07	1.70E-07	7.66E-07	1.41E-07	4.34E-08	1.85E-07	1.10E-07	2.09E-08	1.31E-07
6005	624209.4	4266584.69	7.10E-07	2.25E-07	9.35E-07	5.93E-07	1.69E-07	7.62E-07	1.41E-07	4.32E-08	1.84E-07	1.10E-07	2.08E-08	1.30E-07
6006	624155.51	4266561.29	6.83E-07	2.17E-07	9.00E-07	5.71E-07	1.62E-07	7.33E-07	1.35E-07	4.16E-08	1.77E-07	1.05E-07	2.00E-08	1.25E-07
6007	624146.53	4266557.39	6.77E-07	2.15E-07	8.93E-07	5.66E-07	1.61E-07	7.27E-07	1.34E-07	4.12E-08	1.75E-07	1.05E-07	1.99E-08	1.24E-07
6008	624137.55	4266553.48	6.72E-07	2.13E-07	8.85E-07	5.61E-07	1.60E-07	7.21E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
6009	624128.57	4266549.58	6.65E-07	2.11E-07	8.77E-07	5.56E-07	1.58E-07	7.14E-07	1.32E-07	4.05E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07
6010	624119.59	4266545.68	6.59E-07	2.09E-07	8.68E-07	5.51E-07	1.57E-07	7.07E-07	1.30E-07	4.01E-08	1.70E-07	1.02E-07	1.93E-08	1.21E-07
6011	624065.69	4266522.28	6.11E-07	1.94E-07	8.05E-07	5.11E-07	1.45E-07	6.56E-07	1.21E-07	3.72E-08	1.58E-07	9.43E-08	1.79E-08	1.12E-07
6012	624056.71	4266518.38	6.02E-07	1.91E-07	7.93E-07	5.03E-07	1.43E-07	6.46E-07	1.19E-07	3.66E-08	1.56E-07	9.29E-08	1.76E-08	1.11E-07
6013	624047.73	4266514.48	5.93E-07	1.88E-07	7.81E-07	4.96E-07	1.41E-07	6.37E-07	1.17E-07	3.61E-08	1.53E-07	9.15E-08	1.74E-08	1.09E-07
6014	624038.75	4266510.58	5.84E-07	1.85E-07	7.69E-07	4.88E-07	1.39E-07	6.27E-07	1.16E-07	3.55E-08	1.51E-07	9.01E-08	1.71E-08	1.07E-07
6015	624029.77	4266506.68	5.74E-07	1.82E-07	7.57E-07	4.80E-07	1.37E-07	6.17E-07	1.14E-07	3.49E-08	1.49E-07	8.86E-08	1.68E-08	1.05E-07
6016	624020.78	4266502.78	5.65E-07	1.79E-07	7.44E-07	4.72E-07	1.34E-07	6.06E-07	1.12E-07	3.44E-08	1.46E-07	8.71E-08	1.66E-08	1.04E-07
6017	624011.8	4266498.87	5.55E-07	1.76E-07	7.32E-07	4.64E-07	1.32E-07	5.96E-07	1.10E-07	3.38E-08	1.44E-07	8.57E-08	1.63E-08	1.02E-07
6018	624002.82	4266494.97	5.46E-07	1.73E-07	7.19E-07	4.56E-07	1.30E-07	5.86E-07	1.08E-07	3.32E-08	1.41E-07	8.42E-08	1.60E-08	1.00E-07
6019	623990.23	4266481.97	5.36E-07	1.70E-07	7.06E-07	4.48E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.39E-07	8.27E-08	1.57E-08	9.84E-08
6020	623986.62	4266472.87	5.35E-07	1.70E-07	7.05E-07	4.47E-07	1.27E-07	5.74E-07	1.06E-07	3.26E-08	1.38E-07	8.26E-08	1.57E-08	9.82E-08
6021	623983.01	4266463.76	5.34E-07	1.70E-07	7.04E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.57E-08	9.81E-08
6022	623979.41	4266454.66	5.33E-07	1.69E-07	7.03E-07	4.46E-07	1.27E-07	5.72E-07	1.06E-07	3.24E-08	1.38E-07	8.23E-08	1.56E-08	9.79E-08
6023	623975.8	4266445.56	5.32E-07	1.69E-07	7.01E-07	4.45E-07	1.27E-07	5.71E-07	1.05E-07	3.24E-08	1.38E-07	8.21E-08	1.56E-08	9.77E-08
6024	623972.19	4266436.45	5.31E-07	1.69E-07	7.00E-07	4.44E-07	1.26E-07	5.70E-07	1.05E-07	3.23E-08	1.37E-07	8.20E-08	1.56E-08	9.76E-08
6025	623968.58	4266427.35	5.30E-07	1.68E-07	6.99E-07	4.43E-07	1.26E-07	5.69E-07	1.05E-07	3.23E-08	1.37E-07	8.18E-08	1.55E-08	9.74E-08
6026	623964.97	4266418.25	5.29E-07	1.68E-07	6.97E-07	4.42E-07	1.26E-07	5.68E-07	1.05E-07	3.22E-08	1.37E-07	8.17E-08	1.55E-08	9.72E-08
6027	623961.36	4266409.14	5.28E-07	1.68E-07	6.96E-07	4.42E-07	1.26E-07	5.67E-07	1.05E-07	3.22E-08	1.37E-07	8.15E-08	1.55E-08	9.70E-08
6028	623957.76	4266400.04	5.27E-07	1.68E-07	6.95E-07	4.41E-07	1.25E-07	5.66E-07	1.04E-07	3.21E-08	1.37E-07	8.14E-08	1.55E-08	9.69E-08
6029	623954.15	4266390.94	5.27E-07	1.67E-07	6.94E-07	4.40E-07	1.25E-07	5.65E-07	1.04E-07	3.20E-08	1.36E-07	8.13E-08	1.54E-08	9.67E-08
6030	623950.54	4266381.83	5.26E-07	1.67E-07	6.93E-07	4.39E-07	1.25E-07	5.64E-07	1.04E-07	3.20E-08	1.36E-07	8.11E-08	1.54E-08	9.65E-08
6031	623946.93	4266372.73	5.25E-07	1.67E-07	6.92E-07	4.39E-07	1.25E-07	5.64E-07	1.04E-07	3.19E-08	1.36E-07	8.10E-08	1.54E-08	9.64E-08
6032	623943.32	4266363.63	5.24E-07	1.66E-07	6.91E-07	4.38E-07	1.25E-07	5.63E-07	1.04E-07	3.19E-08	1.36E-07	8.09E-08	1.54E-08	9.63E-08
6033	623939.71	4266354.52	5.24E-07	1.66E-07	6.90E-07	4.38E-07	1.24E-07	5.62E-07	1.04E-07	3.19E-08	1.35E-07	8.08E-08	1.53E-08	9.61E-08
6034	623936.11	4266345.42	5.23E-07	1.66E-07	6.89E-07	4.37E-07	1.24E-07	5.61E-07	1.03E-07	3.18E-08	1.35E-07	8.07E-08	1.53E-08	9.60E-08
6035	623932.5	4266336.32	5.22E-07	1.66E-07	6.88E-07	4.36E-07	1.24E-07	5.61E-07	1.03E-07	3.18E-08	1.35E-07	8.06E-08	1.53E-08	9.59E-08
6036	623928.89	4266327.22	5.21E-07	1.66E-07	6.87E-07	4.36E-07	1.24E-07	5.60E-07	1.03E-07	3.17E-08	1.35E-07	8.05E-08	1.53E-08	9.57E-08
6037	623925.28	4266318.11	5.21E-07	1.65E-07	6.86E-07	4.35E-07	1.24E-07	5.59E-07	1.03E-07	3.17E-08	1.35E-07	8.03E-08	1.53E-08	9.56E-08
6038	623921.67	4266309.01	5.20E-07	1.65E-07	6.85E-07	4.34E-07	1.24E-07	5.58E-07	1.03E-07	3.16E-08	1.35E-07	8.02E-08	1.52E-08	9.54E-08
6039	623918.06	4266299.91	5.19E-07	1.65E-07	6.83E-07	4.34E-07	1.23E-07	5.57E-07	1.03E-07	3.16E-08	1.34E-07	8.00E-08	1.52E-08	9.52E-08
6040	623914.45	4266290.8	5.17E-07	1.64E-07	6.82E-07	4.32E-07	1.23E-07	5.55E-07	1.02E-07	3.15E-08	1.34E-07	7.98E-08	1.52E-08	9.50E-08
6041	623910.85	4266281.7	5.16E-07	1.64E-07	6.80E-07	4.31E-07	1.23E-07	5.54E-07	1.02E-07	3.14E-08	1.33E-07	7.96E-08	1.51E-08	9.47E-08
6042	623907.24	4266272.6	5.14E-07	1.63E-07	6.77E-07	4.30E-07	1.22E-07	5.52E-07	1.02E-07	3.13E-08	1.33E-07	7.93E-08	1.51E-08	9.44E-08
6043	623903.63	4266263.49	5.12E-07	1.63E-07	6.74E-07	4.28E-07	1.22E-07	5.50E-07	1.01E-07	3.11E-08	1.32E-07	7.90E-08	1.50E-08	9.40E-08
6044	623900.02	4266254.39	5.09E-07	1.62E-07	6.71E-07	4.26E-07	1.21E-07	5.47E-07	1.01E-07	3.10E-08	1.32E-07	7.86E-08	1.49E-08	9.35E-08
6045	623896.41	4266245.29	5.07E-07	1.61E-07	6.68E-07	4.24E-07	1.20E-07	5.44E-07	1.00E-07	3.08E-08	1.31E-07	7.82E-08	1.49E-08	9.30E-08
6046	623892.8	4266236.18	5.04E-07	1.60E-07	6.64E-07	4.21E-07	1.20E-07	5.41E-07	9.97E-08	3.07E-08	1.30E-07	7.77E-08	1.48E-08	9.25E-08
6047	623889.2	4266227.08	5.00E-07	1.59E-07	6.59E-07	4.18E-07	1.19E-07	5.37E-07	9.91E-08	3.05E-08	1.30E-07	7.72E-08	1.47E-08	9.19E-08
6048	623885.59	4266217.98	4.97E-07	1.58E-07	6.55E-07	4.15E-07	1.18E-07	5.33E-07	9.83E-08	3.02E-08	1.29E-07	7.67E-08	1.46E-08	9.12E-08
6049	623881.98	4266208.87	4.93E-07	1.57E-07	6.49E-07	4.12E-07	1.17E-07	5.29E-07	9.76E-08	3.00E-08	1.28E-07	7.61E-08	1.44E-08	9.05E-08
6050	623878.37	4266199.77	4.89E-07	1.55E-07	6.44E-07	4.09E-07	1.16E-07	5.25E-07	9.68E-08	2.97E-08	1.27E-07	7.54E-08	1.43E-08	8.98E-08
6051	623874.76	4266190.67	4.85E-07	1.54E-07	6.39E-07	4.05E-07	1.15E-07	5.20E-07	9.60E-08	2.95E-08	1.25E-07	7.48E-08	1.42E-08	8.90E-08
6052	623871.15	4266181.56	4.81E-07	1.53E-07	6.33E-07	4.02E-07	1.14E-07	5.16E-07	9.51E-08	2.92E-08	1.24E-07	7.42E-08	1.41E-08	8.83E-08
6053	623867.55	4266172.46	4.76E-07	1.51E-07	6.28E-07	3.98E-07	1.13E-07	5.12E-07	9.43E-08	2.90E-08	1.23E-07	7.35E-08	1.40E-08	8.75E-08
6054	623863.94	4266163.36	4.72E-07	1.50E-07	6.22E-07	3.95E-07	1.12E-07	5.07E-07	9.35E-08	2.87E-08	1.22E-07	7.29E-08	1.38E-08	8.67E-08
6055	623860.33	4266154.25	4.68E-07	1.49E-07	6.17E-07	3.91E-07	1.11E-07	5.03E-07	9.27E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.60E-08
6056	624344.13	4266643.2	7.26E-07	2.30E-07	9.56E-07	6.07E-07	1.73E-07	7.79E-07	1.44E-07	4.42E-08	1.88E-07	1.12E-07	2.13E-08	1.33E-07
6057	624354.02	4266643.38	7.29E-07	2.32E-07	9.61E-07	6.09E-07	1.73E-07	7.83E-07	1.44E-07	4.44E-08	1.89E-07	1.12E-07	2.14E-08	1.34E-07
6058	624363.91	4266643.55	7.32E-07	2.32E-07	9.65E-07	6.12E-07	1.74E-07	7.86E-07	1.45E-07	4.45E-08	1.89E-07	1.13E-07	2.15E-08	1.34E-07
6059	624373.8	4266643.73	7.35E-07	2.33E-07	9.68E-07	6.14E-07	1.75E-07	7.89E-07	1.45E-07	4.47E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
6060	624383.69	4266643.91	7.37E-07	2.34E-07	9.71E-07	6.16E-07	1.75E-07	7.92E-07	1.46E-07	4.49E-08	1.91E-07	1.14E-07	2.16E-08	1.35E-07
6061	624393.58	4266644.08	7.40E-07	2.35E-07	9.75E-07	6.18E-07	1.76E-07	7.94E-07	1.46E-07	4.50E-08	1.91E-07	1.14E-07	2.17E-08	1.36E-07
6062	624403.47	4266644.26	7.42E-07	2.36E-07	9.77E-07	6.20E-07	1.76E-07	7.96E-07	1.47E-07	4.51E-08	1.92E-07	1.14E-07	2.17E-08	1.36E-07
6063	624413.36	4266644.44	7.44E-07	2.36E-07	9.80E-07	6.22E-07	1.77E-07	7.98E-07	1.47E-07	4.53E-08	1.92E-07	1.15E-07	2.18E-08	1.37E-07
6064	624423.25	4266644.61	7.46E-07	2.37E-07	9.82E-07	6.23E-07	1.77E-07	8.00E-07	1.48E-07	4.54E-08	1.93E-07	1.15E-07	2.19E-08	1.37E-07

6065	624433.14	4266644.79	7.47E-07	2.37E-07	9.85E-07	6.25E-07	1.78E-07	8.02E-07	1.48E-07	4.55E-08	1.93E-07	1.15E-07	2.19E-08	1.37E-07
6066	624443.02	4266644.97	7.49E-07	2.38E-07	9.87E-07	6.26E-07	1.78E-07	8.04E-07	1.48E-07	4.56E-08	1.94E-07	1.16E-07	2.19E-08	1.37E-07
6067	624452.91	4266645.14	7.50E-07	2.38E-07	9.89E-07	6.27E-07	1.78E-07	8.06E-07	1.49E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
6068	624462.8	4266645.32	7.52E-07	2.39E-07	9.91E-07	6.28E-07	1.79E-07	8.07E-07	1.49E-07	4.58E-08	1.95E-07	1.16E-07	2.20E-08	1.38E-07
6069	624472.69	4266645.5	7.53E-07	2.39E-07	9.93E-07	6.30E-07	1.79E-07	8.09E-07	1.49E-07	4.58E-08	1.95E-07	1.16E-07	2.21E-08	1.38E-07
6070	624482.58	4266645.67	7.55E-07	2.40E-07	9.95E-07	6.31E-07	1.80E-07	8.11E-07	1.49E-07	4.59E-08	1.95E-07	1.16E-07	2.21E-08	1.39E-07
6071	624492.47	4266645.85	7.56E-07	2.40E-07	9.97E-07	6.32E-07	1.80E-07	8.12E-07	1.50E-07	4.60E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
6072	624502.36	4266646.03	7.58E-07	2.41E-07	9.99E-07	6.34E-07	1.80E-07	8.14E-07	1.50E-07	4.61E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
6073	624512.25	4266646.2	7.60E-07	2.41E-07	1.00E-06	6.35E-07	1.81E-07	8.16E-07	1.50E-07	4.62E-08	1.97E-07	1.17E-07	2.23E-08	1.39E-07
6074	624522.14	4266646.38	7.61E-07	2.42E-07	1.00E-06	6.36E-07	1.81E-07	8.17E-07	1.51E-07	4.63E-08	1.97E-07	1.17E-07	2.23E-08	1.40E-07
6075	624532.03	4266646.56	7.63E-07	2.42E-07	1.00E-06	6.38E-07	1.81E-07	8.19E-07	1.51E-07	4.64E-08	1.97E-07	1.18E-07	2.24E-08	1.40E-07
6076	624541.92	4266646.73	7.64E-07	2.43E-07	1.01E-06	6.39E-07	1.82E-07	8.21E-07	1.51E-07	4.65E-08	1.98E-07	1.18E-07	2.24E-08	1.40E-07
6077	624551.81	4266646.91	7.66E-07	2.43E-07	1.01E-06	6.40E-07	1.82E-07	8.22E-07	1.52E-07	4.66E-08	1.98E-07	1.18E-07	2.24E-08	1.41E-07
6078	624561.69	4266647.09	7.67E-07	2.44E-07	1.01E-06	6.41E-07	1.82E-07	8.24E-07	1.52E-07	4.67E-08	1.99E-07	1.18E-07	2.25E-08	1.41E-07
6079	624571.58	4266647.26	7.69E-07	2.44E-07	1.01E-06	6.43E-07	1.83E-07	8.26E-07	1.52E-07	4.68E-08	1.99E-07	1.19E-07	2.25E-08	1.41E-07
6080	624581.47	4266647.44	7.70E-07	2.45E-07	1.01E-06	6.44E-07	1.83E-07	8.27E-07	1.52E-07	4.69E-08	1.99E-07	1.19E-07	2.26E-08	1.41E-07
6081	624591.36	4266647.62	7.72E-07	2.45E-07	1.02E-06	6.45E-07	1.83E-07	8.28E-07	1.53E-07	4.69E-08	2.00E-07	1.19E-07	2.26E-08	1.42E-07
6082	624601.25	4266647.79	7.73E-07	2.45E-07	1.02E-06	6.46E-07	1.84E-07	8.29E-07	1.53E-07	4.70E-08	2.00E-07	1.19E-07	2.26E-08	1.42E-07
6083	624611.14	4266647.97	7.73E-07	2.46E-07	1.02E-06	6.46E-07	1.84E-07	8.30E-07	1.53E-07	4.71E-08	2.00E-07	1.19E-07	2.27E-08	1.42E-07
6084	624621.03	4266648.15	7.74E-07	2.46E-07	1.02E-06	6.47E-07	1.84E-07	8.31E-07	1.53E-07	4.71E-08	2.00E-07	1.19E-07	2.27E-08	1.42E-07
6085	624630.92	4266648.32	7.74E-07	2.46E-07	1.02E-06	6.47E-07	1.84E-07	8.31E-07	1.53E-07	4.71E-08	2.00E-07	1.19E-07	2.27E-08	1.42E-07
6086	624640.81	4266648.5	7.73E-07	2.46E-07	1.02E-06	6.46E-07	1.84E-07	8.30E-07	1.53E-07	4.71E-08	2.00E-07	1.19E-07	2.27E-08	1.42E-07
6087	624650.7	4266648.67	7.73E-07	2.45E-07	1.02E-06	6.46E-07	1.84E-07	8.29E-07	1.53E-07	4.70E-08	2.00E-07	1.19E-07	2.26E-08	1.42E-07
6088	624660.59	4266648.85	7.71E-07	2.45E-07	1.02E-06	6.45E-07	1.83E-07	8.28E-07	1.53E-07	4.69E-08	2.00E-07	1.19E-07	2.26E-08	1.42E-07
6089	624670.48	4266649.03	7.69E-07	2.44E-07	1.01E-06	6.43E-07	1.83E-07	8.26E-07	1.52E-07	4.68E-08	1.99E-07	1.19E-07	2.25E-08	1.41E-07
6090	624680.37	4266649.2	7.67E-07	2.44E-07	1.01E-06	6.41E-07	1.82E-07	8.23E-07	1.52E-07	4.67E-08	1.98E-07	1.18E-07	2.25E-08	1.41E-07
6091	624690.25	4266649.38	7.64E-07	2.43E-07	1.01E-06	6.39E-07	1.82E-07	8.20E-07	1.51E-07	4.65E-08	1.98E-07	1.18E-07	2.24E-08	1.40E-07
6092	624700.14	4266649.56	7.61E-07	2.42E-07	1.00E-06	6.36E-07	1.81E-07	8.17E-07	1.51E-07	4.63E-08	1.97E-07	1.17E-07	2.23E-08	1.40E-07
6093	624710.03	4266649.73	7.58E-07	2.41E-07	9.98E-07	6.33E-07	1.80E-07	8.14E-07	1.50E-07	4.61E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
6094	624719.92	4266649.91	7.54E-07	2.40E-07	9.94E-07	6.30E-07	1.79E-07	8.10E-07	1.49E-07	4.59E-08	1.95E-07	1.16E-07	2.21E-08	1.38E-07
6095	624729.81	4266650.09	7.51E-07	2.38E-07	9.89E-07	6.27E-07	1.79E-07	8.06E-07	1.49E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
6096	624739.7	4266650.26	7.47E-07	2.37E-07	9.84E-07	6.25E-07	1.78E-07	8.02E-07	1.48E-07	4.55E-08	1.93E-07	1.15E-07	2.19E-08	1.37E-07
6097	624749.59	4266650.44	7.44E-07	2.36E-07	9.80E-07	6.22E-07	1.77E-07	7.98E-07	1.47E-07	4.52E-08	1.92E-07	1.15E-07	2.18E-08	1.37E-07
6098	624759.48	4266650.62	7.40E-07	2.35E-07	9.75E-07	6.19E-07	1.76E-07	7.94E-07	1.46E-07	4.50E-08	1.91E-07	1.14E-07	2.17E-08	1.36E-07
6099	624769.37	4266650.79	7.36E-07	2.34E-07	9.70E-07	6.16E-07	1.75E-07	7.91E-07	1.46E-07	4.48E-08	1.91E-07	1.14E-07	2.16E-08	1.35E-07
6100	624779.26	4266650.97	7.33E-07	2.33E-07	9.66E-07	6.13E-07	1.74E-07	7.87E-07	1.45E-07	4.46E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
6101	624789.15	4266651.15	7.29E-07	2.32E-07	9.61E-07	6.10E-07	1.73E-07	7.83E-07	1.44E-07	4.44E-08	1.89E-07	1.13E-07	2.14E-08	1.34E-07
6102	624799.04	4266651.32	7.26E-07	2.30E-07	9.56E-07	6.07E-07	1.73E-07	7.79E-07	1.44E-07	4.42E-08	1.88E-07	1.12E-07	2.13E-08	1.33E-07
6103	624808.92	4266651.5	7.22E-07	2.29E-07	9.51E-07	6.03E-07	1.72E-07	7.75E-07	1.43E-07	4.39E-08	1.87E-07	1.11E-07	2.12E-08	1.33E-07
6104	624818.81	4266651.68	7.18E-07	2.28E-07	9.45E-07	6.00E-07	1.71E-07	7.70E-07	1.42E-07	4.37E-08	1.86E-07	1.11E-07	2.10E-08	1.32E-07
6105	624828.7	4266651.85	7.13E-07	2.27E-07	9.40E-07	5.96E-07	1.70E-07	7.66E-07	1.41E-07	4.34E-08	1.85E-07	1.10E-07	2.09E-08	1.31E-07
6106	624838.59	4266652.03	7.09E-07	2.25E-07	9.34E-07	5.92E-07	1.69E-07	7.61E-07	1.40E-07	4.31E-08	1.83E-07	1.09E-07	2.08E-08	1.30E-07
6107	624334.28	4266689.3	6.53E-07	2.07E-07	8.60E-07	5.46E-07	1.55E-07	7.01E-07	1.29E-07	3.97E-08	1.69E-07	1.01E-07	1.91E-08	1.20E-07
6108	624325.32	4266685.41	6.56E-07	2.08E-07	8.64E-07	5.48E-07	1.56E-07	7.04E-07	1.30E-07	3.99E-08	1.70E-07	1.01E-07	1.92E-08	1.20E-07
6109	624316.36	4266681.52	6.58E-07	2.09E-07	8.67E-07	5.50E-07	1.56E-07	7.06E-07	1.30E-07	4.00E-08	1.70E-07	1.02E-07	1.93E-08	1.21E-07
6110	624307.4	4266677.63	6.60E-07	2.10E-07	8.69E-07	5.51E-07	1.57E-07	7.08E-07	1.31E-07	4.01E-08	1.71E-07	1.02E-07	1.93E-08	1.21E-07
6111	624298.43	4266673.73	6.61E-07	2.10E-07	8.71E-07	5.53E-07	1.57E-07	7.10E-07	1.31E-07	4.02E-08	1.71E-07	1.02E-07	1.94E-08	1.21E-07
6112	624289.47	4266669.84	6.62E-07	2.10E-07	8.72E-07	5.53E-07	1.57E-07	7.10E-07	1.31E-07	4.03E-08	1.71E-07	1.02E-07	1.94E-08	1.22E-07
6113	624280.51	4266665.95	6.62E-07	2.10E-07	8.72E-07	5.53E-07	1.57E-07	7.11E-07	1.31E-07	4.03E-08	1.71E-07	1.02E-07	1.94E-08	1.22E-07
6114	624271.55	4266662.06	6.61E-07	2.10E-07	8.71E-07	5.53E-07	1.57E-07	7.10E-07	1.31E-07	4.02E-08	1.71E-07	1.02E-07	1.94E-08	1.21E-07
6115	624262.59	4266658.17	6.60E-07	2.10E-07	8.70E-07	5.52E-07	1.57E-07	7.09E-07	1.31E-07	4.02E-08	1.71E-07	1.02E-07	1.94E-08	1.21E-07
6116	624253.63	4266654.28	6.59E-07	2.09E-07	8.68E-07	5.51E-07	1.57E-07	7.08E-07	1.30E-07	4.01E-08	1.71E-07	1.02E-07	1.93E-08	1.21E-07
6117	624244.67	4266650.38	6.57E-07	2.09E-07	8.66E-07	5.50E-07	1.56E-07	7.06E-07	1.30E-07	4.00E-08	1.70E-07	1.01E-07	1.93E-08	1.21E-07
6118	624235.71	4266646.49	6.55E-07	2.08E-07	8.64E-07	5.48E-07	1.56E-07	7.04E-07	1.30E-07	3.99E-08	1.70E-07	1.01E-07	1.92E-08	1.20E-07
6119	624226.75	4266642.6	6.53E-07	2.07E-07	8.61E-07	5.46E-07	1.55E-07	7.01E-07	1.29E-07	3.97E-08	1.69E-07	1.01E-07	1.91E-08	1.20E-07
6120	624217.79	4266638.71	6.51E-07	2.07E-07	8.57E-07	5.44E-07	1.55E-07	6.99E-07	1.29E-07	3.96E-08	1.68E-07	1.00E-07	1.91E-08	1.19E-07
6121	624208.82	4266634.82	6.48E-07	2.06E-07	8.54E-07	5.42E-07	1.54E-07	6.96E-07	1.28E-07	3.94E-08	1.68E-07	1.00E-07	1.90E-08	1.19E-07
6122	624199.86	4266630.93	6.45E-07	2.05E-07	8.50E-07	5.39E-07	1.53E-07	6.93E-07	1.28E-07	3.93E-08	1.67E-07	9.95E-08	1.89E-08	1.18E-07
6123	624190.9	4266627.03	6.42E-07	2.04E-07	8.46E-07	5.37E-07	1.53E-07	6.89E-07	1.27E-07	3.91E-08	1.66E-07	9.91E-08	1.88E-08	1.18E-07
6124	624181.94	4266623.14	6.39E-07	2.03E-07	8.42E-07	5.34E-07	1.52E-07	6.86E-07	1.26E-07	3.89E-08	1.65E-07	9.86E-08	1.87E-08	1.17E-07
6125	624172.98	4266619.25	6.36E-07	2.02E-07	8.38E-07	5.31E-07	1.51E-07	6.83E-07	1.26E-07	3.87E-08	1.65E-07	9.81E-08	1.86E-08	1.17E-07
6126	624164.02	4266615.36	6.33E-07	2.01E-07	8.33E-07	5.29E-07	1.50E-07	6.79E-07	1.25E-07	3.85E-08	1.64E-07	9.76E-08	1.85E-08	1.16E-07
6127	624155.06	4266611.47	6.29E-07	2.00E-07	8.29E-07	5.26E-07	1.50E-07	6.75E-07	1.25E-07	3.83E-08	1.63E-07	9.71E-08	1.84E-08	1.16E-07
6128	624146.1	4266607.58	6.25E-07	1.99E-07	8.24E-07	5.23E-07	1.49E-07	6.71E-07	1.24E-07	3.81E-08	1.62E-07	9.65E-08	1.83E-08	1.15E-07
6129	624137.14	4266603.69	6.21E-07	1.97E-07	8.19E-07	5.19E-07	1.48E-07	6.67E-07	1.23E-07	3.78E-08	1.61E-07	9.59E-08	1.82E-08	1.14E-07
6130	624128.18	4266599.79	6.17E-07	1.96E-07	8.13E-07	5.16E-07	1.47E-07	6.63E-07	1.22E-07	3.76E-08	1.60E-07	9.52E-08	1.81E-08	1.13E-07
6131	624119.21	4266595.9	6.13E-07	1.95E-07	8.07E-07	5.12E-07	1.46E-07	6.58E-07	1.21E-07	3.73E-08	1.59E-07	9.45E-08	1.80E-08	1.12E-07
6132	624029.6	4266556.99	5.48E-07	1.74E-07	7.23E-07	4.58E-07	1.30E-07	5.89E-07	1.09E-07	3.34E-08	1.42E-07	8.46E-08	1.61E-08	1.01E-07
6133	624020.64	4266553.09	5.41E-07	1.72E-07	7.12E-07	4.52E-07	1.29E-07	5.80E-07	1.07E-07	3.29E-08	1.40E-07	8.34E-08	1.58E-08	9.93E-08
6134	624011.68	4266549.2	5.33E-07	1.69E-07	7.02E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.78E-08
6135	624002.72	4266545.31	5.24E-07	1.67E-07	6.91E-07	4.38E-07	1.25E-07	5.63E-07	1.04E-07	3.19E-08	1.36E-07	8.09E-08	1.54E-08	9.63E-08
6136	623993.76	4266541.42	5.16E-07	1.64E-07	6.80E-07	4.32E-07	1.23E-07	5.54E-07	1.02E-07	3.14E-08	1.34E-07	7.97E-08	1.51E-08	9.48E-08
6137	623984.8	4266537.53	5.08E-07	1.61E-07	6.69E-07	4.25E-07	1.21E-07	5.45E-07	1.01E-07	3.09E-08	1.31E-07	7.84E-08	1.49E-08	9.33E-08
6138	623975.84	4266533.64	5.00E-07	1.59E-07	6.59E-07	4.18E-07	1.19E-07	5.37E-07	9.89E-08	3.04E-08	1.29E-07	7.71E-08	1.47E-08	9.18E-08

6139	623966.88	4266529.74	4.92E-07	1.56E-07	6.48E-07	4.11E-07	1.17E-07	5.28E-07	9.73E-08	2.99E-08	1.27E-07	7.59E-08	1.44E-08	9.03E-08
6140	623954.32	4266516.77	4.83E-07	1.53E-07	6.36E-07	4.04E-07	1.15E-07	5.18E-07	9.56E-08	2.94E-08	1.25E-07	7.45E-08	1.42E-08	8.87E-08
6141	623950.72	4266507.69	4.82E-07	1.53E-07	6.35E-07	4.03E-07	1.15E-07	5.18E-07	9.54E-08	2.93E-08	1.25E-07	7.44E-08	1.41E-08	8.85E-08
6142	623947.12	4266498.61	4.81E-07	1.53E-07	6.34E-07	4.02E-07	1.14E-07	5.17E-07	9.53E-08	2.93E-08	1.25E-07	7.43E-08	1.41E-08	8.84E-08
6143	623943.52	4266489.52	4.80E-07	1.53E-07	6.33E-07	4.01E-07	1.14E-07	5.16E-07	9.51E-08	2.92E-08	1.24E-07	7.41E-08	1.41E-08	8.82E-08
6144	623939.92	4266480.44	4.79E-07	1.52E-07	6.32E-07	4.01E-07	1.14E-07	5.15E-07	9.49E-08	2.92E-08	1.24E-07	7.40E-08	1.41E-08	8.80E-08
6145	623936.32	4266471.36	4.78E-07	1.52E-07	6.30E-07	4.00E-07	1.14E-07	5.14E-07	9.47E-08	2.91E-08	1.24E-07	7.38E-08	1.40E-08	8.78E-08
6146	623932.72	4266462.28	4.78E-07	1.52E-07	6.29E-07	3.99E-07	1.14E-07	5.13E-07	9.45E-08	2.91E-08	1.24E-07	7.37E-08	1.40E-08	8.77E-08
6147	623929.12	4266453.2	4.77E-07	1.51E-07	6.28E-07	3.98E-07	1.13E-07	5.12E-07	9.43E-08	2.90E-08	1.23E-07	7.35E-08	1.40E-08	8.75E-08
6148	623925.52	4266444.11	4.76E-07	1.51E-07	6.27E-07	3.98E-07	1.13E-07	5.11E-07	9.42E-08	2.89E-08	1.23E-07	7.34E-08	1.39E-08	8.73E-08
6149	623921.92	4266435.03	4.75E-07	1.51E-07	6.26E-07	3.97E-07	1.13E-07	5.10E-07	9.40E-08	2.89E-08	1.23E-07	7.33E-08	1.39E-08	8.72E-08
6150	623918.32	4266425.95	4.74E-07	1.51E-07	6.25E-07	3.96E-07	1.13E-07	5.09E-07	9.38E-08	2.88E-08	1.23E-07	7.31E-08	1.39E-08	8.70E-08
6151	623914.72	4266416.87	4.73E-07	1.50E-07	6.24E-07	3.96E-07	1.13E-07	5.08E-07	9.37E-08	2.88E-08	1.22E-07	7.30E-08	1.39E-08	8.69E-08
6152	623911.12	4266407.79	4.73E-07	1.50E-07	6.23E-07	3.95E-07	1.12E-07	5.07E-07	9.35E-08	2.88E-08	1.22E-07	7.29E-08	1.39E-08	8.68E-08
6153	623907.52	4266398.7	4.72E-07	1.50E-07	6.22E-07	3.94E-07	1.12E-07	5.07E-07	9.34E-08	2.87E-08	1.22E-07	7.28E-08	1.38E-08	8.67E-08
6154	623903.92	4266389.62	4.71E-07	1.50E-07	6.21E-07	3.94E-07	1.12E-07	5.06E-07	9.33E-08	2.87E-08	1.22E-07	7.27E-08	1.38E-08	8.66E-08
6155	623900.32	4266380.54	4.71E-07	1.50E-07	6.21E-07	3.94E-07	1.12E-07	5.06E-07	9.32E-08	2.87E-08	1.22E-07	7.27E-08	1.38E-08	8.65E-08
6156	623896.72	4266371.46	4.71E-07	1.49E-07	6.20E-07	3.93E-07	1.12E-07	5.05E-07	9.31E-08	2.86E-08	1.22E-07	7.26E-08	1.38E-08	8.64E-08
6157	623893.12	4266362.38	4.70E-07	1.49E-07	6.20E-07	3.93E-07	1.12E-07	5.05E-07	9.31E-08	2.86E-08	1.22E-07	7.26E-08	1.38E-08	8.63E-08
6158	623889.52	4266353.29	4.70E-07	1.49E-07	6.19E-07	3.93E-07	1.12E-07	5.04E-07	9.30E-08	2.86E-08	1.22E-07	7.25E-08	1.38E-08	8.63E-08
6159	623885.92	4266344.21	4.70E-07	1.49E-07	6.19E-07	3.92E-07	1.12E-07	5.04E-07	9.29E-08	2.86E-08	1.22E-07	7.24E-08	1.38E-08	8.62E-08
6160	623882.32	4266335.13	4.69E-07	1.49E-07	6.18E-07	3.92E-07	1.12E-07	5.04E-07	9.29E-08	2.85E-08	1.21E-07	7.24E-08	1.37E-08	8.61E-08
6161	623878.72	4266326.05	4.69E-07	1.49E-07	6.17E-07	3.92E-07	1.11E-07	5.03E-07	9.28E-08	2.85E-08	1.21E-07	7.23E-08	1.37E-08	8.60E-08
6162	623875.12	4266316.97	4.68E-07	1.49E-07	6.17E-07	3.91E-07	1.11E-07	5.02E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
6163	623871.52	4266307.88	4.67E-07	1.48E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.25E-08	2.84E-08	1.21E-07	7.21E-08	1.37E-08	8.58E-08
6164	623867.92	4266298.8	4.66E-07	1.48E-07	6.14E-07	3.90E-07	1.11E-07	5.01E-07	9.23E-08	2.84E-08	1.21E-07	7.19E-08	1.37E-08	8.56E-08
6165	623864.32	4266289.72	4.65E-07	1.48E-07	6.13E-07	3.89E-07	1.11E-07	4.99E-07	9.20E-08	2.83E-08	1.20E-07	7.18E-08	1.36E-08	8.54E-08
6166	623860.72	4266280.64	4.63E-07	1.47E-07	6.11E-07	3.87E-07	1.10E-07	4.98E-07	9.17E-08	2.82E-08	1.20E-07	7.15E-08	1.36E-08	8.51E-08
6167	623857.12	4266271.55	4.62E-07	1.47E-07	6.08E-07	3.86E-07	1.10E-07	4.96E-07	9.14E-08	2.81E-08	1.19E-07	7.12E-08	1.35E-08	8.48E-08
6168	623853.52	4266262.47	4.60E-07	1.46E-07	6.06E-07	3.84E-07	1.09E-07	4.93E-07	9.10E-08	2.80E-08	1.19E-07	7.09E-08	1.35E-08	8.44E-08
6169	623849.92	4266253.39	4.57E-07	1.45E-07	6.02E-07	3.82E-07	1.09E-07	4.91E-07	9.05E-08	2.78E-08	1.18E-07	7.05E-08	1.34E-08	8.39E-08
6170	623846.32	4266244.31	4.54E-07	1.44E-07	5.99E-07	3.80E-07	1.08E-07	4.88E-07	9.00E-08	2.77E-08	1.18E-07	7.01E-08	1.33E-08	8.35E-08
6171	623842.72	4266235.23	4.52E-07	1.43E-07	5.95E-07	3.77E-07	1.07E-07	4.85E-07	8.94E-08	2.75E-08	1.17E-07	6.97E-08	1.32E-08	8.29E-08
6172	623839.12	4266226.14	4.48E-07	1.42E-07	5.91E-07	3.75E-07	1.07E-07	4.81E-07	8.87E-08	2.73E-08	1.16E-07	6.92E-08	1.31E-08	8.23E-08
6173	623835.52	4266217.06	4.45E-07	1.41E-07	5.86E-07	3.72E-07	1.06E-07	4.78E-07	8.81E-08	2.71E-08	1.15E-07	6.87E-08	1.30E-08	8.17E-08
6174	623831.92	4266207.98	4.42E-07	1.40E-07	5.82E-07	3.69E-07	1.05E-07	4.74E-07	8.74E-08	2.69E-08	1.14E-07	6.82E-08	1.29E-08	8.11E-08
6175	623828.32	4266198.9	4.38E-07	1.39E-07	5.77E-07	3.66E-07	1.04E-07	4.70E-07	8.67E-08	2.67E-08	1.13E-07	6.76E-08	1.28E-08	8.05E-08
6176	623824.72	4266189.82	4.35E-07	1.38E-07	5.73E-07	3.63E-07	1.03E-07	4.67E-07	8.60E-08	2.64E-08	1.12E-07	6.71E-08	1.27E-08	7.98E-08
6177	623821.12	4266180.73	4.31E-07	1.37E-07	5.68E-07	3.60E-07	1.02E-07	4.63E-07	8.53E-08	2.62E-08	1.11E-07	6.65E-08	1.26E-08	7.91E-08
6178	623817.52	4266171.65	4.27E-07	1.36E-07	5.63E-07	3.57E-07	1.02E-07	4.59E-07	8.45E-08	2.60E-08	1.11E-07	6.59E-08	1.25E-08	7.84E-08
6179	623813.92	4266162.57	4.23E-07	1.34E-07	5.58E-07	3.54E-07	1.01E-07	4.55E-07	8.38E-08	2.58E-08	1.10E-07	6.53E-08	1.24E-08	7.77E-08
6180	623810.32	4266153.49	4.20E-07	1.33E-07	5.53E-07	3.51E-07	9.98E-08	4.51E-07	8.31E-08	2.55E-08	1.09E-07	6.48E-08	1.23E-08	7.71E-08
6181	624343.24	4266693.19	6.50E-07	2.06E-07	8.56E-07	5.43E-07	1.54E-07	6.98E-07	1.29E-07	3.95E-08	1.68E-07	1.00E-07	1.90E-08	1.19E-07
6182	624353.13	4266693.37	6.52E-07	2.07E-07	8.59E-07	5.45E-07	1.55E-07	7.00E-07	1.29E-07	3.97E-08	1.69E-07	1.01E-07	1.91E-08	1.20E-07
6183	624363.02	4266693.55	6.54E-07	2.08E-07	8.61E-07	5.46E-07	1.55E-07	7.02E-07	1.29E-07	3.98E-08	1.69E-07	1.01E-07	1.92E-08	1.20E-07
6184	624372.91	4266693.72	6.55E-07	2.08E-07	8.63E-07	5.48E-07	1.56E-07	7.03E-07	1.30E-07	3.99E-08	1.70E-07	1.01E-07	1.92E-08	1.20E-07
6185	624382.8	4266693.9	6.57E-07	2.09E-07	8.65E-07	5.49E-07	1.56E-07	7.05E-07	1.30E-07	4.00E-08	1.70E-07	1.01E-07	1.92E-08	1.21E-07
6186	624392.69	4266694.08	6.58E-07	2.09E-07	8.67E-07	5.50E-07	1.56E-07	7.06E-07	1.30E-07	4.00E-08	1.70E-07	1.02E-07	1.93E-08	1.21E-07
6187	624402.57	4266694.25	6.59E-07	2.09E-07	8.68E-07	5.51E-07	1.57E-07	7.08E-07	1.30E-07	4.01E-08	1.71E-07	1.02E-07	1.93E-08	1.21E-07
6188	624412.46	4266694.43	6.60E-07	2.10E-07	8.70E-07	5.52E-07	1.57E-07	7.09E-07	1.31E-07	4.02E-08	1.71E-07	1.02E-07	1.93E-08	1.21E-07
6189	624422.35	4266694.61	6.61E-07	2.10E-07	8.71E-07	5.53E-07	1.57E-07	7.10E-07	1.31E-07	4.02E-08	1.71E-07	1.02E-07	1.94E-08	1.21E-07
6190	624432.24	4266694.78	6.62E-07	2.10E-07	8.72E-07	5.53E-07	1.57E-07	7.11E-07	1.31E-07	4.03E-08	1.71E-07	1.02E-07	1.94E-08	1.22E-07
6191	624442.13	4266694.96	6.63E-07	2.10E-07	8.73E-07	5.54E-07	1.58E-07	7.11E-07	1.31E-07	4.03E-08	1.71E-07	1.02E-07	1.94E-08	1.22E-07
6192	624452.02	4266695.13	6.63E-07	2.11E-07	8.74E-07	5.55E-07	1.58E-07	7.12E-07	1.31E-07	4.04E-08	1.72E-07	1.02E-07	1.94E-08	1.22E-07
6193	624461.91	4266695.31	6.64E-07	2.11E-07	8.75E-07	5.55E-07	1.58E-07	7.13E-07	1.31E-07	4.04E-08	1.72E-07	1.02E-07	1.95E-08	1.22E-07
6194	624471.8	4266695.49	6.65E-07	2.11E-07	8.76E-07	5.56E-07	1.58E-07	7.14E-07	1.32E-07	4.05E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07
6195	624481.69	4266695.66	6.66E-07	2.11E-07	8.77E-07	5.56E-07	1.58E-07	7.15E-07	1.32E-07	4.05E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07
6196	624491.58	4266695.84	6.67E-07	2.12E-07	8.78E-07	5.57E-07	1.59E-07	7.16E-07	1.32E-07	4.06E-08	1.73E-07	1.03E-07	1.95E-08	1.22E-07
6197	624501.47	4266696.02	6.68E-07	2.12E-07	8.80E-07	5.58E-07	1.59E-07	7.17E-07	1.32E-07	4.06E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
6198	624511.36	4266696.19	6.69E-07	2.12E-07	8.81E-07	5.59E-07	1.59E-07	7.18E-07	1.32E-07	4.07E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
6199	624521.25	4266696.37	6.70E-07	2.13E-07	8.82E-07	5.60E-07	1.59E-07	7.19E-07	1.33E-07	4.08E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
6200	624531.13	4266696.55	6.71E-07	2.13E-07	8.84E-07	5.61E-07	1.60E-07	7.20E-07	1.33E-07	4.08E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
6201	624541.02	4266696.72	6.72E-07	2.13E-07	8.86E-07	5.62E-07	1.60E-07	7.22E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
6202	624550.91	4266696.9	6.73E-07	2.14E-07	8.87E-07	5.63E-07	1.60E-07	7.23E-07	1.33E-07	4.10E-08	1.74E-07	1.04E-07	1.97E-08	1.24E-07
6203	624560.8	4266697.08	6.75E-07	2.14E-07	8.89E-07	5.64E-07	1.60E-07	7.24E-07	1.34E-07	4.10E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
6204	624570.69	4266697.25	6.76E-07	2.15E-07	8.90E-07	5.65E-07	1.61E-07	7.25E-07	1.34E-07	4.11E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
6205	624580.58	4266697.43	6.77E-07	2.15E-07	8.92E-07	5.66E-07	1.61E-07	7.26E-07	1.34E-07	4.12E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
6206	624590.47	4266697.61	6.77E-07	2.15E-07	8.93E-07	5.66E-07	1.61E-07	7.27E-07	1.34E-07	4.12E-08	1.75E-07	1.05E-07	1.99E-08	1.24E-07
6207	624600.36	4266697.78	6.78E-07	2.15E-07	8.93E-07	5.67E-07	1.61E-07	7.28E-07	1.34E-07	4.13E-08	1.75E-07	1.05E-07	1.99E-08	1.25E-07
6208	624610.25	4266697.96	6.78E-07	2.15E-07	8.94E-07	5.67E-07	1.61E-07	7.28E-07	1.34E-07	4.13E-08	1.76E-07	1.05E-07	1.99E-08	1.25E-07
6209	624620.14	4266698.14	6.78E-07	2.15E-07	8.94E-07	5.67E-07	1.61E-07	7.28E-07	1.34E-07	4.13E-08	1.76E-07	1.05E-07	1.99E-08	1.25E-07
6210	624630.03	4266698.31	6.78E-07	2.15E-07	8.94E-07	5.67E-07	1.61E-07	7.28E-07	1.34E-07	4.13E-08	1.76E-07	1.05E-07	1.99E-08	1.25E-07
6211	624639.92	4266698.49	6.78E-07	2.15E-07	8.93E-07	5.66E-07	1.61E-07	7.27E-07	1.34E-07	4.12E-08	1.75E-07	1.05E-07	1.99E-08	1.24E-07
6212	624649.8	4266698.67	6.76E-07	2.15E-07	8.91E-07	5.65E-07	1.61E-07	7.26E-07	1.34E-07	4.12E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07

6213	624659.69	4266698.84	6.75E-07	2.14E-07	8.90E-07	5.64E-07	1.61E-07	7.25E-07	1.34E-07	4.11E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
6214	624669.58	4266699.02	6.73E-07	2.14E-07	8.87E-07	5.63E-07	1.60E-07	7.23E-07	1.33E-07	4.10E-08	1.74E-07	1.04E-07	1.97E-08	1.24E-07
6215	624679.47	4266699.2	6.71E-07	2.13E-07	8.85E-07	5.61E-07	1.60E-07	7.21E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
6216	624689.36	4266699.37	6.69E-07	2.13E-07	8.82E-07	5.59E-07	1.59E-07	7.18E-07	1.32E-07	4.07E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
6217	624699.25	4266699.55	6.67E-07	2.12E-07	8.79E-07	5.57E-07	1.59E-07	7.16E-07	1.32E-07	4.06E-08	1.73E-07	1.03E-07	1.95E-08	1.22E-07
6218	624709.14	4266699.73	6.64E-07	2.11E-07	8.75E-07	5.55E-07	1.58E-07	7.13E-07	1.31E-07	4.04E-08	1.72E-07	1.03E-07	1.95E-08	1.22E-07
6219	624719.03	4266699.9	6.62E-07	2.10E-07	8.72E-07	5.53E-07	1.57E-07	7.11E-07	1.31E-07	4.03E-08	1.71E-07	1.02E-07	1.94E-08	1.22E-07
6220	624728.92	4266700.08	6.59E-07	2.09E-07	8.69E-07	5.51E-07	1.57E-07	7.08E-07	1.30E-07	4.01E-08	1.71E-07	1.02E-07	1.93E-08	1.21E-07
6221	624738.81	4266700.26	6.57E-07	2.09E-07	8.65E-07	5.49E-07	1.56E-07	7.05E-07	1.30E-07	4.00E-08	1.70E-07	1.01E-07	1.92E-08	1.21E-07
6222	624748.7	4266700.43	6.54E-07	2.08E-07	8.62E-07	5.47E-07	1.56E-07	7.02E-07	1.29E-07	3.98E-08	1.69E-07	1.01E-07	1.92E-08	1.20E-07
6223	624758.59	4266700.61	6.52E-07	2.07E-07	8.59E-07	5.45E-07	1.55E-07	7.00E-07	1.29E-07	3.97E-08	1.69E-07	1.01E-07	1.91E-08	1.20E-07
6224	624768.48	4266700.79	6.50E-07	2.06E-07	8.56E-07	5.43E-07	1.54E-07	6.97E-07	1.29E-07	3.95E-08	1.68E-07	1.00E-07	1.90E-08	1.19E-07
6225	624778.36	4266700.96	6.47E-07	2.06E-07	8.53E-07	5.41E-07	1.54E-07	6.95E-07	1.28E-07	3.94E-08	1.67E-07	9.99E-08	1.90E-08	1.19E-07
6226	624788.25	4266701.14	6.44E-07	2.05E-07	8.49E-07	5.39E-07	1.53E-07	6.92E-07	1.28E-07	3.92E-08	1.67E-07	9.94E-08	1.89E-08	1.18E-07
6227	624798.14	4266701.32	6.42E-07	2.04E-07	8.46E-07	5.36E-07	1.53E-07	6.89E-07	1.27E-07	3.90E-08	1.66E-07	9.90E-08	1.88E-08	1.18E-07
6228	624808.03	4266701.49	6.39E-07	2.03E-07	8.42E-07	5.34E-07	1.52E-07	6.86E-07	1.26E-07	3.89E-08	1.65E-07	9.86E-08	1.87E-08	1.17E-07
6229	624817.92	4266701.67	6.36E-07	2.02E-07	8.38E-07	5.32E-07	1.51E-07	6.83E-07	1.26E-07	3.87E-08	1.65E-07	9.81E-08	1.86E-08	1.17E-07
6230	624827.81	4266701.85	6.33E-07	2.01E-07	8.34E-07	5.29E-07	1.50E-07	6.79E-07	1.25E-07	3.85E-08	1.64E-07	9.77E-08	1.85E-08	1.16E-07
6231	624837.7	4266702.02	6.30E-07	2.00E-07	8.30E-07	5.26E-07	1.50E-07	6.76E-07	1.25E-07	3.83E-08	1.63E-07	9.72E-08	1.85E-08	1.16E-07
6232	624333.4	4266739.3	5.88E-07	1.87E-07	7.75E-07	4.92E-07	1.40E-07	6.31E-07	1.16E-07	3.58E-08	1.52E-07	9.07E-08	1.72E-08	1.08E-07
6233	624324.46	4266735.42	5.91E-07	1.88E-07	7.79E-07	4.94E-07	1.41E-07	6.34E-07	1.17E-07	3.60E-08	1.53E-07	9.12E-08	1.73E-08	1.09E-07
6234	624315.52	4266731.53	5.94E-07	1.88E-07	7.82E-07	4.96E-07	1.41E-07	6.37E-07	1.17E-07	3.61E-08	1.54E-07	9.16E-08	1.74E-08	1.09E-07
6235	624306.57	4266727.65	5.96E-07	1.89E-07	7.85E-07	4.98E-07	1.42E-07	6.40E-07	1.18E-07	3.63E-08	1.54E-07	9.19E-08	1.75E-08	1.09E-07
6236	624297.63	4266723.76	5.98E-07	1.90E-07	7.87E-07	5.00E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.22E-08	1.75E-08	1.10E-07
6237	624288.69	4266719.88	5.99E-07	1.90E-07	7.89E-07	5.01E-07	1.42E-07	6.43E-07	1.19E-07	3.64E-08	1.55E-07	9.24E-08	1.76E-08	1.10E-07
6238	624279.74	4266716	6.00E-07	1.90E-07	7.90E-07	5.01E-07	1.43E-07	6.44E-07	1.19E-07	3.65E-08	1.55E-07	9.25E-08	1.76E-08	1.10E-07
6239	624270.8	4266712.11	6.00E-07	1.91E-07	7.91E-07	5.02E-07	1.43E-07	6.44E-07	1.19E-07	3.65E-08	1.55E-07	9.26E-08	1.76E-08	1.10E-07
6240	624261.85	4266708.23	6.00E-07	1.91E-07	7.90E-07	5.01E-07	1.43E-07	6.44E-07	1.19E-07	3.65E-08	1.55E-07	9.26E-08	1.76E-08	1.10E-07
6241	624252.91	4266704.34	6.00E-07	1.90E-07	7.90E-07	5.01E-07	1.43E-07	6.44E-07	1.19E-07	3.65E-08	1.55E-07	9.25E-08	1.76E-08	1.10E-07
6242	624243.97	4266700.46	5.99E-07	1.90E-07	7.89E-07	5.01E-07	1.42E-07	6.43E-07	1.19E-07	3.64E-08	1.55E-07	9.24E-08	1.76E-08	1.10E-07
6243	624235.02	4266696.58	5.98E-07	1.90E-07	7.88E-07	5.00E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.23E-08	1.75E-08	1.10E-07
6244	624226.08	4266692.69	5.97E-07	1.89E-07	7.86E-07	4.99E-07	1.42E-07	6.40E-07	1.18E-07	3.63E-08	1.54E-07	9.20E-08	1.75E-08	1.10E-07
6245	624217.14	4266688.81	5.95E-07	1.89E-07	7.84E-07	4.97E-07	1.41E-07	6.39E-07	1.18E-07	3.62E-08	1.54E-07	9.18E-08	1.74E-08	1.09E-07
6246	624208.19	4266684.92	5.93E-07	1.88E-07	7.81E-07	4.96E-07	1.41E-07	6.37E-07	1.17E-07	3.61E-08	1.53E-07	9.15E-08	1.74E-08	1.09E-07
6247	624199.25	4266681.04	5.91E-07	1.88E-07	7.79E-07	4.94E-07	1.41E-07	6.35E-07	1.17E-07	3.60E-08	1.53E-07	9.12E-08	1.73E-08	1.09E-07
6248	624190.3	4266677.15	5.89E-07	1.87E-07	7.76E-07	4.92E-07	1.40E-07	6.32E-07	1.17E-07	3.58E-08	1.52E-07	9.09E-08	1.73E-08	1.08E-07
6249	624181.36	4266673.27	5.87E-07	1.86E-07	7.73E-07	4.90E-07	1.40E-07	6.30E-07	1.16E-07	3.57E-08	1.52E-07	9.05E-08	1.72E-08	1.08E-07
6250	624172.42	4266669.39	5.84E-07	1.86E-07	7.70E-07	4.88E-07	1.39E-07	6.27E-07	1.16E-07	3.56E-08	1.51E-07	9.02E-08	1.71E-08	1.07E-07
6251	624163.47	4266665.5	5.82E-07	1.85E-07	7.67E-07	4.87E-07	1.38E-07	6.25E-07	1.15E-07	3.54E-08	1.51E-07	8.98E-08	1.71E-08	1.07E-07
6252	624154.53	4266661.62	5.80E-07	1.84E-07	7.64E-07	4.85E-07	1.38E-07	6.22E-07	1.15E-07	3.53E-08	1.50E-07	8.94E-08	1.70E-08	1.06E-07
6253	624145.59	4266657.73	5.77E-07	1.83E-07	7.60E-07	4.82E-07	1.37E-07	6.20E-07	1.14E-07	3.51E-08	1.49E-07	8.91E-08	1.69E-08	1.06E-07
6254	624136.64	4266653.85	5.75E-07	1.82E-07	7.57E-07	4.80E-07	1.37E-07	6.17E-07	1.14E-07	3.50E-08	1.49E-07	8.86E-08	1.68E-08	1.05E-07
6255	624127.7	4266649.97	5.72E-07	1.82E-07	7.53E-07	4.78E-07	1.36E-07	6.14E-07	1.13E-07	3.48E-08	1.48E-07	8.82E-08	1.68E-08	1.05E-07
6256	624118.76	4266646.08	5.69E-07	1.81E-07	7.49E-07	4.75E-07	1.35E-07	6.10E-07	1.13E-07	3.46E-08	1.47E-07	8.77E-08	1.67E-08	1.04E-07
6257	624074.04	4266626.66	5.49E-07	1.74E-07	7.24E-07	4.59E-07	1.31E-07	5.90E-07	1.09E-07	3.34E-08	1.42E-07	8.47E-08	1.61E-08	1.01E-07
6258	624065.09	4266622.78	5.44E-07	1.73E-07	7.17E-07	4.55E-07	1.29E-07	5.84E-07	1.08E-07	3.31E-08	1.41E-07	8.40E-08	1.60E-08	9.99E-08
6259	624056.15	4266618.89	5.39E-07	1.71E-07	7.10E-07	4.51E-07	1.28E-07	5.79E-07	1.07E-07	3.28E-08	1.40E-07	8.32E-08	1.58E-08	9.90E-08
6260	624047.21	4266615.01	5.34E-07	1.70E-07	7.03E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.56E-08	9.80E-08
6261	624038.26	4266611.13	5.28E-07	1.68E-07	6.96E-07	4.41E-07	1.26E-07	5.67E-07	1.05E-07	3.21E-08	1.37E-07	8.15E-08	1.55E-08	9.69E-08
6262	624029.32	4266607.24	5.22E-07	1.66E-07	6.88E-07	4.36E-07	1.24E-07	5.60E-07	1.03E-07	3.18E-08	1.35E-07	8.05E-08	1.53E-08	9.58E-08
6263	624020.38	4266603.36	5.16E-07	1.64E-07	6.79E-07	4.31E-07	1.23E-07	5.54E-07	1.02E-07	3.14E-08	1.33E-07	7.96E-08	1.51E-08	9.47E-08
6264	624011.43	4266599.47	5.09E-07	1.62E-07	6.71E-07	4.26E-07	1.21E-07	5.47E-07	1.01E-07	3.10E-08	1.32E-07	7.86E-08	1.49E-08	9.35E-08
6265	624002.49	4266595.59	5.03E-07	1.60E-07	6.62E-07	4.20E-07	1.19E-07	5.39E-07	9.95E-08	3.06E-08	1.30E-07	7.75E-08	1.47E-08	9.23E-08
6266	623993.54	4266591.7	4.96E-07	1.57E-07	6.53E-07	4.14E-07	1.18E-07	5.32E-07	9.81E-08	3.02E-08	1.28E-07	7.65E-08	1.45E-08	9.10E-08
6267	623984.6	4266587.82	4.89E-07	1.55E-07	6.44E-07	4.08E-07	1.16E-07	5.25E-07	9.67E-08	2.97E-08	1.26E-07	7.54E-08	1.43E-08	8.97E-08
6268	623975.66	4266583.94	4.82E-07	1.53E-07	6.34E-07	4.03E-07	1.15E-07	5.17E-07	9.53E-08	2.93E-08	1.25E-07	7.43E-08	1.41E-08	8.84E-08
6269	623966.71	4266580.05	4.74E-07	1.51E-07	6.25E-07	3.97E-07	1.13E-07	5.09E-07	9.39E-08	2.89E-08	1.23E-07	7.32E-08	1.39E-08	8.71E-08
6270	623957.77	4266576.17	4.67E-07	1.48E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.25E-08	2.84E-08	1.21E-07	7.21E-08	1.37E-08	8.58E-08
6271	623948.83	4266572.28	4.60E-07	1.46E-07	6.06E-07	3.85E-07	1.09E-07	4.94E-07	9.11E-08	2.80E-08	1.19E-07	7.10E-08	1.35E-08	8.45E-08
6272	623939.88	4266568.4	4.53E-07	1.44E-07	5.97E-07	3.79E-07	1.08E-07	4.86E-07	8.96E-08	2.76E-08	1.17E-07	6.99E-08	1.33E-08	8.32E-08
6273	623930.94	4266564.52	4.46E-07	1.42E-07	5.87E-07	3.73E-07	1.06E-07	4.79E-07	8.82E-08	2.71E-08	1.15E-07	6.88E-08	1.31E-08	8.19E-08
6274	623918.4	4266551.57	4.38E-07	1.39E-07	5.77E-07	3.66E-07	1.04E-07	4.70E-07	8.67E-08	2.67E-08	1.13E-07	6.76E-08	1.28E-08	8.04E-08
6275	623914.81	4266542.5	4.37E-07	1.39E-07	5.76E-07	3.65E-07	1.04E-07	4.69E-07	8.65E-08	2.66E-08	1.13E-07	6.75E-08	1.28E-08	8.03E-08
6276	623911.22	4266533.44	4.36E-07	1.39E-07	5.75E-07	3.65E-07	1.04E-07	4.68E-07	8.64E-08	2.65E-08	1.13E-07	6.73E-08	1.28E-08	8.01E-08
6277	623907.62	4266524.37	4.35E-07	1.38E-07	5.74E-07	3.64E-07	1.04E-07	4.67E-07	8.62E-08	2.65E-08	1.13E-07	6.72E-08	1.28E-08	7.99E-08
6278	623904.03	4266515.31	4.35E-07	1.38E-07	5.73E-07	3.63E-07	1.03E-07	4.67E-07	8.60E-08	2.64E-08	1.12E-07	6.71E-08	1.27E-08	7.98E-08
6279	623900.44	4266506.25	4.34E-07	1.38E-07	5.72E-07	3.63E-07	1.03E-07	4.66E-07	8.59E-08	2.64E-08	1.12E-07	6.69E-08	1.27E-08	7.96E-08
6280	623896.84	4266497.18	4.33E-07	1.37E-07	5.70E-07	3.62E-07	1.03E-07	4.65E-07	8.57E-08	2.63E-08	1.12E-07	6.68E-08	1.27E-08	7.95E-08
6281	623893.25	4266488.12	4.32E-07	1.37E-07	5.69E-07	3.61E-07	1.03E-07	4.64E-07	8.55E-08	2.63E-08	1.12E-07	6.67E-08	1.27E-08	7.93E-08
6282	623889.66	4266479.05	4.31E-07	1.37E-07	5.68E-07	3.60E-07	1.03E-07	4.63E-07	8.53E-08	2.62E-08	1.12E-07	6.65E-08	1.26E-08	7.92E-08
6283	623886.06	4266469.99	4.30E-07	1.37E-07	5.67E-07	3.60E-07	1.02E-07	4.62E-07	8.52E-08	2.62E-08	1.11E-07	6.64E-08	1.26E-08	7.90E-08
6284	623882.47	4266460.92	4.30E-07	1.36E-07	5.66E-07	3.59E-07	1.02E-07	4.61E-07	8.50E-08	2.61E-08	1.11E-07	6.63E-08	1.26E-08	7.89E-08
6285	623878.88	4266451.86	4.29E-07	1.36E-07	5.65E-07	3.58E-07	1.02E-07	4.60E-07	8.49E-08	2.61E-08	1.11E-07	6.62E-08	1.26E-08	7.87E-08
6286	623875.29	4266442.79	4.28E-07	1.36E-07	5.64E-07	3.58E-07	1.02E-07	4.60E-07	8.48E-08	2.61E-08	1.11E-07	6.61E-08	1.26E-08	7.86E-08

6287	623871.69	4266433.73	4.28E-07	1.36E-07	5.64E-07	3.58E-07	1.02E-07	4.59E-07	8.47E-08	2.60E-08	1.11E-07	6.60E-08	1.25E-08	7.85E-08
6288	623868.1	4266424.66	4.27E-07	1.36E-07	5.63E-07	3.57E-07	1.02E-07	4.59E-07	8.46E-08	2.60E-08	1.11E-07	6.59E-08	1.25E-08	7.84E-08
6289	623864.51	4266415.6	4.27E-07	1.36E-07	5.62E-07	3.57E-07	1.01E-07	4.58E-07	8.45E-08	2.60E-08	1.10E-07	6.59E-08	1.25E-08	7.84E-08
6290	623860.91	4266406.54	4.26E-07	1.35E-07	5.62E-07	3.56E-07	1.01E-07	4.58E-07	8.44E-08	2.59E-08	1.10E-07	6.58E-08	1.25E-08	7.83E-08
6291	623857.32	4266397.47	4.26E-07	1.35E-07	5.62E-07	3.56E-07	1.01E-07	4.58E-07	8.44E-08	2.59E-08	1.10E-07	6.58E-08	1.25E-08	7.83E-08
6292	623853.73	4266388.41	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.58E-08	1.25E-08	7.82E-08
6293	623850.13	4266379.34	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.82E-08
6294	623846.54	4266370.28	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.82E-08
6295	623842.95	4266361.21	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.82E-08
6296	623839.36	4266352.15	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.82E-08
6297	623835.76	4266343.08	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.82E-08
6298	623832.17	4266334.02	4.25E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.42E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.81E-08
6299	623828.58	4266324.95	4.25E-07	1.35E-07	5.60E-07	3.55E-07	1.01E-07	4.56E-07	8.41E-08	2.59E-08	1.10E-07	6.56E-08	1.25E-08	7.81E-08
6300	623824.98	4266315.89	4.25E-07	1.35E-07	5.59E-07	3.55E-07	1.01E-07	4.56E-07	8.40E-08	2.58E-08	1.10E-07	6.55E-08	1.24E-08	7.79E-08
6301	623821.39	4266306.83	4.24E-07	1.35E-07	5.58E-07	3.54E-07	1.01E-07	4.55E-07	8.39E-08	2.58E-08	1.10E-07	6.54E-08	1.24E-08	7.78E-08
6302	623817.8	4266297.76	4.23E-07	1.34E-07	5.57E-07	3.53E-07	1.01E-07	4.54E-07	8.37E-08	2.57E-08	1.09E-07	6.52E-08	1.24E-08	7.76E-08
6303	623814.2	4266288.7	4.21E-07	1.34E-07	5.55E-07	3.52E-07	1.00E-07	4.52E-07	8.34E-08	2.56E-08	1.09E-07	6.50E-08	1.24E-08	7.74E-08
6304	623810.61	4266279.63	4.20E-07	1.33E-07	5.53E-07	3.51E-07	9.98E-08	4.51E-07	8.31E-08	2.55E-08	1.09E-07	6.48E-08	1.23E-08	7.71E-08
6305	623807.02	4266270.57	4.18E-07	1.33E-07	5.51E-07	3.49E-07	9.94E-08	4.49E-07	8.27E-08	2.54E-08	1.08E-07	6.45E-08	1.23E-08	7.67E-08
6306	623803.43	4266261.5	4.16E-07	1.32E-07	5.48E-07	3.48E-07	9.89E-08	4.46E-07	8.23E-08	2.53E-08	1.08E-07	6.42E-08	1.22E-08	7.64E-08
6307	623799.83	4266252.44	4.13E-07	1.31E-07	5.45E-07	3.46E-07	9.83E-08	4.44E-07	8.18E-08	2.52E-08	1.07E-07	6.38E-08	1.21E-08	7.59E-08
6308	623796.24	4266243.37	4.11E-07	1.30E-07	5.41E-07	3.43E-07	9.77E-08	4.41E-07	8.13E-08	2.50E-08	1.06E-07	6.34E-08	1.20E-08	7.54E-08
6309	623792.65	4266234.31	4.08E-07	1.30E-07	5.38E-07	3.41E-07	9.70E-08	4.38E-07	8.08E-08	2.48E-08	1.06E-07	6.30E-08	1.20E-08	7.49E-08
6310	623789.05	4266225.25	4.05E-07	1.29E-07	5.34E-07	3.39E-07	9.63E-08	4.35E-07	8.02E-08	2.46E-08	1.05E-07	6.25E-08	1.19E-08	7.44E-08
6311	623785.46	4266216.18	4.02E-07	1.28E-07	5.30E-07	3.36E-07	9.56E-08	4.32E-07	7.96E-08	2.45E-08	1.04E-07	6.20E-08	1.18E-08	7.38E-08
6312	623781.87	4266207.12	3.99E-07	1.27E-07	5.26E-07	3.34E-07	9.49E-08	4.28E-07	7.90E-08	2.43E-08	1.03E-07	6.16E-08	1.17E-08	7.33E-08
6313	623778.27	4266198.05	3.96E-07	1.26E-07	5.22E-07	3.31E-07	9.41E-08	4.25E-07	7.84E-08	2.41E-08	1.02E-07	6.11E-08	1.16E-08	7.27E-08
6314	623774.68	4266188.99	3.93E-07	1.25E-07	5.17E-07	3.28E-07	9.34E-08	4.22E-07	7.77E-08	2.39E-08	1.02E-07	6.06E-08	1.15E-08	7.21E-08
6315	623771.09	4266179.92	3.89E-07	1.24E-07	5.13E-07	3.25E-07	9.26E-08	4.18E-07	7.71E-08	2.37E-08	1.01E-07	6.01E-08	1.14E-08	7.15E-08
6316	623767.49	4266170.86	3.86E-07	1.23E-07	5.09E-07	3.23E-07	9.18E-08	4.14E-07	7.64E-08	2.35E-08	9.99E-08	5.96E-08	1.13E-08	7.09E-08
6317	623763.9	4266161.79	3.83E-07	1.22E-07	5.04E-07	3.20E-07	9.10E-08	4.11E-07	7.57E-08	2.33E-08	9.90E-08	5.91E-08	1.12E-08	7.03E-08
6318	623760.31	4266152.73	3.79E-07	1.21E-07	5.00E-07	3.17E-07	9.02E-08	4.07E-07	7.51E-08	2.31E-08	9.82E-08	5.86E-08	1.11E-08	6.97E-08
6319	624342.35	4266743.18	5.85E-07	1.86E-07	7.71E-07	4.89E-07	1.39E-07	6.28E-07	1.16E-07	3.56E-08	1.51E-07	9.03E-08	1.71E-08	1.07E-07
6320	624352.24	4266743.36	5.86E-07	1.86E-07	7.72E-07	4.90E-07	1.39E-07	6.29E-07	1.16E-07	3.57E-08	1.52E-07	9.04E-08	1.72E-08	1.08E-07
6321	624362.13	4266743.54	5.87E-07	1.86E-07	7.74E-07	4.91E-07	1.40E-07	6.30E-07	1.16E-07	3.57E-08	1.52E-07	9.06E-08	1.72E-08	1.08E-07
6322	624372.01	4266743.71	5.88E-07	1.87E-07	7.75E-07	4.92E-07	1.40E-07	6.31E-07	1.16E-07	3.58E-08	1.52E-07	9.07E-08	1.72E-08	1.08E-07
6323	624381.9	4266743.89	5.89E-07	1.87E-07	7.76E-07	4.92E-07	1.40E-07	6.32E-07	1.17E-07	3.58E-08	1.52E-07	9.09E-08	1.73E-08	1.08E-07
6324	624391.79	4266744.07	5.90E-07	1.87E-07	7.77E-07	4.93E-07	1.40E-07	6.33E-07	1.17E-07	3.59E-08	1.53E-07	9.10E-08	1.73E-08	1.08E-07
6325	624401.68	4266744.24	5.90E-07	1.87E-07	7.78E-07	4.93E-07	1.40E-07	6.34E-07	1.17E-07	3.59E-08	1.53E-07	9.11E-08	1.73E-08	1.08E-07
6326	624411.57	4266744.42	5.91E-07	1.88E-07	7.78E-07	4.94E-07	1.40E-07	6.34E-07	1.17E-07	3.59E-08	1.53E-07	9.11E-08	1.73E-08	1.08E-07
6327	624421.46	4266744.6	5.91E-07	1.88E-07	7.79E-07	4.94E-07	1.41E-07	6.35E-07	1.17E-07	3.60E-08	1.53E-07	9.12E-08	1.73E-08	1.09E-07
6328	624431.35	4266744.77	5.91E-07	1.88E-07	7.79E-07	4.94E-07	1.41E-07	6.35E-07	1.17E-07	3.60E-08	1.53E-07	9.13E-08	1.73E-08	1.09E-07
6329	624441.24	4266744.95	5.92E-07	1.88E-07	7.80E-07	4.95E-07	1.41E-07	6.35E-07	1.17E-07	3.60E-08	1.53E-07	9.13E-08	1.73E-08	1.09E-07
6330	624451.13	4266745.13	5.92E-07	1.88E-07	7.80E-07	4.95E-07	1.41E-07	6.36E-07	1.17E-07	3.60E-08	1.53E-07	9.13E-08	1.74E-08	1.09E-07
6331	624461.02	4266745.3	5.92E-07	1.88E-07	7.80E-07	4.95E-07	1.41E-07	6.36E-07	1.17E-07	3.60E-08	1.53E-07	9.14E-08	1.74E-08	1.09E-07
6332	624470.91	4266745.48	5.93E-07	1.88E-07	7.81E-07	4.95E-07	1.41E-07	6.36E-07	1.17E-07	3.61E-08	1.53E-07	9.15E-08	1.74E-08	1.09E-07
6333	624480.8	4266745.66	5.93E-07	1.88E-07	7.82E-07	4.96E-07	1.41E-07	6.37E-07	1.17E-07	3.61E-08	1.53E-07	9.15E-08	1.74E-08	1.09E-07
6334	624490.68	4266745.83	5.94E-07	1.89E-07	7.82E-07	4.96E-07	1.41E-07	6.37E-07	1.18E-07	3.61E-08	1.54E-07	9.16E-08	1.74E-08	1.09E-07
6335	624500.57	4266746.01	5.94E-07	1.89E-07	7.83E-07	4.97E-07	1.41E-07	6.38E-07	1.18E-07	3.62E-08	1.54E-07	9.17E-08	1.74E-08	1.09E-07
6336	624510.46	4266746.19	5.95E-07	1.89E-07	7.84E-07	4.97E-07	1.41E-07	6.39E-07	1.18E-07	3.62E-08	1.54E-07	9.18E-08	1.74E-08	1.09E-07
6337	624520.35	4266746.36	5.96E-07	1.89E-07	7.85E-07	4.98E-07	1.42E-07	6.40E-07	1.18E-07	3.63E-08	1.54E-07	9.19E-08	1.75E-08	1.09E-07
6338	624530.24	4266746.54	5.97E-07	1.89E-07	7.86E-07	4.99E-07	1.42E-07	6.41E-07	1.18E-07	3.63E-08	1.54E-07	9.21E-08	1.75E-08	1.10E-07
6339	624540.13	4266746.72	5.98E-07	1.90E-07	7.87E-07	4.99E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.22E-08	1.75E-08	1.10E-07
6340	624550.02	4266746.89	5.98E-07	1.90E-07	7.88E-07	5.00E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.23E-08	1.75E-08	1.10E-07
6341	624559.91	4266747.07	5.99E-07	1.90E-07	7.90E-07	5.01E-07	1.42E-07	6.43E-07	1.19E-07	3.65E-08	1.55E-07	9.25E-08	1.76E-08	1.10E-07
6342	624569.8	4266747.25	6.00E-07	1.91E-07	7.91E-07	5.01E-07	1.43E-07	6.44E-07	1.19E-07	3.65E-08	1.55E-07	9.26E-08	1.76E-08	1.10E-07
6343	624579.69	4266747.42	6.01E-07	1.91E-07	7.91E-07	5.02E-07	1.43E-07	6.45E-07	1.19E-07	3.65E-08	1.55E-07	9.27E-08	1.76E-08	1.10E-07
6344	624589.58	4266747.6	6.01E-07	1.91E-07	7.92E-07	5.02E-07	1.43E-07	6.45E-07	1.19E-07	3.66E-08	1.56E-07	9.27E-08	1.76E-08	1.10E-07
6345	624599.47	4266747.78	6.01E-07	1.91E-07	7.92E-07	5.02E-07	1.43E-07	6.45E-07	1.19E-07	3.66E-08	1.56E-07	9.27E-08	1.76E-08	1.10E-07
6346	624609.36	4266747.95	6.01E-07	1.91E-07	7.92E-07	5.02E-07	1.43E-07	6.45E-07	1.19E-07	3.66E-08	1.56E-07	9.27E-08	1.76E-08	1.10E-07
6347	624619.24	4266748.13	6.01E-07	1.91E-07	7.91E-07	5.02E-07	1.43E-07	6.45E-07	1.19E-07	3.65E-08	1.55E-07	9.27E-08	1.76E-08	1.10E-07
6348	624629.13	4266748.31	6.00E-07	1.91E-07	7.90E-07	5.01E-07	1.43E-07	6.44E-07	1.19E-07	3.65E-08	1.55E-07	9.26E-08	1.76E-08	1.10E-07
6349	624639.02	4266748.48	5.99E-07	1.90E-07	7.89E-07	5.01E-07	1.42E-07	6.43E-07	1.19E-07	3.65E-08	1.55E-07	9.24E-08	1.76E-08	1.10E-07
6350	624648.91	4266748.66	5.98E-07	1.90E-07	7.88E-07	5.00E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.22E-08	1.75E-08	1.10E-07
6351	624658.8	4266748.84	5.96E-07	1.89E-07	7.86E-07	4.99E-07	1.42E-07	6.40E-07	1.18E-07	3.63E-08	1.54E-07	9.20E-08	1.75E-08	1.10E-07
6352	624668.69	4266749.01	5.95E-07	1.89E-07	7.84E-07	4.97E-07	1.41E-07	6.39E-07	1.18E-07	3.62E-08	1.54E-07	9.18E-08	1.74E-08	1.09E-07
6353	624678.58	4266749.19	5.93E-07	1.88E-07	7.81E-07	4.96E-07	1.41E-07	6.37E-07	1.17E-07	3.61E-08	1.53E-07	9.15E-08	1.74E-08	1.09E-07
6354	624688.47	4266749.37	5.91E-07	1.88E-07	7.79E-07	4.94E-07	1.41E-07	6.35E-07	1.17E-07	3.60E-08	1.53E-07	9.12E-08	1.73E-08	1.09E-07
6355	624698.36	4266749.54	5.89E-07	1.87E-07	7.77E-07	4.93E-07	1.40E-07	6.33E-07	1.17E-07	3.59E-08	1.53E-07	9.09E-08	1.73E-08	1.08E-07
6356	624708.25	4266749.72	5.88E-07	1.87E-07	7.74E-07	4.91E-07	1.40E-07	6.31E-07	1.16E-07	3.57E-08	1.52E-07	9.07E-08	1.72E-08	1.08E-07
6357	624718.14	4266749.9	5.86E-07	1.86E-07	7.72E-07	4.89E-07	1.39E-07	6.29E-07	1.16E-07	3.56E-08	1.52E-07	9.04E-08	1.72E-08	1.08E-07
6358	624728.03	4266750.07	5.84E-07	1.85E-07	7.69E-07	4.88E-07	1.39E-07	6.27E-07	1.16E-07	3.55E-08	1.51E-07	9.01E-08	1.71E-08	1.07E-07
6359	624737.91	4266750.25	5.82E-07	1.85E-07	7.67E-07	4.86E-07	1.38E-07	6.25E-07	1.15E-07	3.54E-08	1.51E-07	8.98E-08	1.71E-08	1.07E-07
6360	624747.8	4266750.42	5.80E-07	1.84E-07	7.65E-07	4.85E-07	1.38E-07	6.23E-07	1.15E-07	3.53E-08	1.50E-07	8.96E-08	1.70E-08	1.07E-07

6361	624757.69	4266750.6	5.79E-07	1.84E-07	7.63E-07	4.84E-07	1.38E-07	6.21E-07	1.15E-07	3.52E-08	1.50E-07	8.93E-08	1.70E-08	1.06E-07
6362	624767.58	4266750.78	5.77E-07	1.83E-07	7.61E-07	4.83E-07	1.37E-07	6.20E-07	1.14E-07	3.51E-08	1.49E-07	8.91E-08	1.69E-08	1.06E-07
6363	624777.47	4266750.95	5.76E-07	1.83E-07	7.58E-07	4.81E-07	1.37E-07	6.18E-07	1.14E-07	3.50E-08	1.49E-07	8.88E-08	1.69E-08	1.06E-07
6364	624787.36	4266751.13	5.74E-07	1.82E-07	7.56E-07	4.80E-07	1.36E-07	6.16E-07	1.14E-07	3.49E-08	1.48E-07	8.85E-08	1.68E-08	1.05E-07
6365	624797.25	4266751.31	5.72E-07	1.82E-07	7.54E-07	4.78E-07	1.36E-07	6.14E-07	1.13E-07	3.48E-08	1.48E-07	8.82E-08	1.68E-08	1.05E-07
6366	624807.14	4266751.48	5.70E-07	1.81E-07	7.51E-07	4.76E-07	1.36E-07	6.12E-07	1.13E-07	3.47E-08	1.47E-07	8.79E-08	1.67E-08	1.05E-07
6367	624817.03	4266751.66	5.68E-07	1.80E-07	7.48E-07	4.75E-07	1.35E-07	6.10E-07	1.12E-07	3.46E-08	1.47E-07	8.76E-08	1.66E-08	1.04E-07
6368	624826.92	4266751.84	5.66E-07	1.80E-07	7.45E-07	4.73E-07	1.34E-07	6.07E-07	1.12E-07	3.44E-08	1.46E-07	8.73E-08	1.66E-08	1.04E-07
6369	624836.81	4266752.01	5.63E-07	1.79E-07	7.42E-07	4.71E-07	1.34E-07	6.05E-07	1.12E-07	3.43E-08	1.46E-07	8.69E-08	1.65E-08	1.03E-07
6370	624332.53	4266789.3	5.33E-07	1.69E-07	7.02E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.78E-08
6371	624323.6	4266785.42	5.35E-07	1.70E-07	7.05E-07	4.47E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.39E-07	8.26E-08	1.57E-08	9.83E-08
6372	624314.67	4266781.54	5.38E-07	1.71E-07	7.09E-07	4.50E-07	1.28E-07	5.78E-07	1.06E-07	3.27E-08	1.39E-07	8.30E-08	1.58E-08	9.88E-08
6373	624305.74	4266777.67	5.40E-07	1.72E-07	7.12E-07	4.52E-07	1.28E-07	5.80E-07	1.07E-07	3.29E-08	1.40E-07	8.34E-08	1.58E-08	9.92E-08
6374	624296.81	4266773.79	5.43E-07	1.72E-07	7.15E-07	4.53E-07	1.29E-07	5.82E-07	1.07E-07	3.30E-08	1.40E-07	8.37E-08	1.59E-08	9.96E-08
6375	624287.88	4266769.91	5.44E-07	1.73E-07	7.17E-07	4.55E-07	1.29E-07	5.84E-07	1.08E-07	3.31E-08	1.41E-07	8.40E-08	1.60E-08	9.99E-08
6376	624278.95	4266766.03	5.45E-07	1.73E-07	7.19E-07	4.56E-07	1.30E-07	5.86E-07	1.08E-07	3.32E-08	1.41E-07	8.42E-08	1.60E-08	1.00E-07
6377	624270.02	4266762.15	5.46E-07	1.74E-07	7.20E-07	4.57E-07	1.30E-07	5.87E-07	1.08E-07	3.32E-08	1.41E-07	8.43E-08	1.60E-08	1.00E-07
6378	624261.09	4266758.28	5.47E-07	1.74E-07	7.21E-07	4.57E-07	1.30E-07	5.87E-07	1.08E-07	3.33E-08	1.42E-07	8.44E-08	1.60E-08	1.00E-07
6379	624252.16	4266754.4	5.47E-07	1.74E-07	7.21E-07	4.57E-07	1.30E-07	5.88E-07	1.08E-07	3.33E-08	1.42E-07	8.44E-08	1.60E-08	1.00E-07
6380	624243.23	4266750.52	5.47E-07	1.74E-07	7.21E-07	4.57E-07	1.30E-07	5.88E-07	1.08E-07	3.33E-08	1.42E-07	8.44E-08	1.60E-08	1.00E-07
6381	624234.31	4266746.64	5.47E-07	1.74E-07	7.21E-07	4.57E-07	1.30E-07	5.87E-07	1.08E-07	3.33E-08	1.42E-07	8.44E-08	1.60E-08	1.00E-07
6382	624225.38	4266742.77	5.46E-07	1.73E-07	7.20E-07	4.57E-07	1.30E-07	5.86E-07	1.08E-07	3.32E-08	1.41E-07	8.43E-08	1.60E-08	1.00E-07
6383	624216.45	4266738.89	5.45E-07	1.73E-07	7.19E-07	4.56E-07	1.30E-07	5.85E-07	1.08E-07	3.32E-08	1.41E-07	8.41E-08	1.60E-08	1.00E-07
6384	624207.52	4266735.01	5.44E-07	1.73E-07	7.17E-07	4.55E-07	1.29E-07	5.84E-07	1.08E-07	3.31E-08	1.41E-07	8.40E-08	1.59E-08	9.99E-08
6385	624198.59	4266731.13	5.43E-07	1.72E-07	7.15E-07	4.54E-07	1.29E-07	5.83E-07	1.07E-07	3.30E-08	1.40E-07	8.38E-08	1.59E-08	9.97E-08
6386	624189.66	4266727.25	5.41E-07	1.72E-07	7.13E-07	4.53E-07	1.29E-07	5.81E-07	1.07E-07	3.29E-08	1.40E-07	8.35E-08	1.59E-08	9.94E-08
6387	624180.73	4266723.38	5.40E-07	1.71E-07	7.11E-07	4.51E-07	1.28E-07	5.80E-07	1.07E-07	3.29E-08	1.40E-07	8.33E-08	1.58E-08	9.91E-08
6388	624171.8	4266719.5	5.38E-07	1.71E-07	7.09E-07	4.50E-07	1.28E-07	5.78E-07	1.07E-07	3.28E-08	1.39E-07	8.31E-08	1.58E-08	9.88E-08
6389	624162.87	4266715.62	5.37E-07	1.70E-07	7.07E-07	4.49E-07	1.28E-07	5.76E-07	1.06E-07	3.27E-08	1.39E-07	8.28E-08	1.57E-08	9.85E-08
6390	624153.94	4266711.74	5.35E-07	1.70E-07	7.05E-07	4.47E-07	1.27E-07	5.74E-07	1.06E-07	3.25E-08	1.38E-07	8.25E-08	1.57E-08	9.82E-08
6391	624145.02	4266707.87	5.33E-07	1.69E-07	7.02E-07	4.46E-07	1.27E-07	5.72E-07	1.06E-07	3.24E-08	1.38E-07	8.23E-08	1.56E-08	9.79E-08
6392	624136.09	4266703.99	5.31E-07	1.69E-07	7.00E-07	4.44E-07	1.26E-07	5.70E-07	1.05E-07	3.23E-08	1.38E-07	8.20E-08	1.56E-08	9.76E-08
6393	624127.16	4266700.11	5.29E-07	1.68E-07	6.98E-07	4.43E-07	1.26E-07	5.68E-07	1.05E-07	3.22E-08	1.37E-07	8.17E-08	1.55E-08	9.72E-08
6394	624118.23	4266696.23	5.27E-07	1.68E-07	6.95E-07	4.41E-07	1.25E-07	5.66E-07	1.04E-07	3.21E-08	1.36E-07	8.14E-08	1.55E-08	9.68E-08
6395	624073.58	4266676.84	5.14E-07	1.63E-07	6.78E-07	4.30E-07	1.22E-07	5.52E-07	1.02E-07	3.13E-08	1.33E-07	7.94E-08	1.51E-08	9.45E-08
6396	624064.65	4266672.97	5.11E-07	1.62E-07	6.73E-07	4.27E-07	1.22E-07	5.49E-07	1.01E-07	3.11E-08	1.32E-07	7.89E-08	1.50E-08	9.39E-08
6397	624055.72	4266669.09	5.07E-07	1.61E-07	6.69E-07	4.24E-07	1.21E-07	5.45E-07	1.00E-07	3.09E-08	1.31E-07	7.83E-08	1.49E-08	9.32E-08
6398	624046.8	4266665.21	5.04E-07	1.60E-07	6.63E-07	4.21E-07	1.20E-07	5.41E-07	9.97E-08	3.06E-08	1.30E-07	7.77E-08	1.48E-08	9.25E-08
6399	624037.87	4266661.33	4.99E-07	1.59E-07	6.58E-07	4.17E-07	1.19E-07	5.36E-07	9.88E-08	3.04E-08	1.29E-07	7.70E-08	1.46E-08	9.17E-08
6400	624028.94	4266657.46	4.95E-07	1.57E-07	6.52E-07	4.14E-07	1.18E-07	5.31E-07	9.79E-08	3.01E-08	1.28E-07	7.64E-08	1.45E-08	9.09E-08
6401	624020.01	4266653.58	4.90E-07	1.56E-07	6.46E-07	4.10E-07	1.17E-07	5.26E-07	9.70E-08	2.98E-08	1.27E-07	7.56E-08	1.44E-08	9.00E-08
6402	624011.08	4266649.7	4.85E-07	1.54E-07	6.39E-07	4.05E-07	1.15E-07	5.21E-07	9.60E-08	2.95E-08	1.26E-07	7.48E-08	1.42E-08	8.90E-08
6403	624002.15	4266645.82	4.80E-07	1.52E-07	6.32E-07	4.01E-07	1.14E-07	5.15E-07	9.50E-08	2.92E-08	1.24E-07	7.40E-08	1.41E-08	8.81E-08
6404	623993.22	4266641.94	4.74E-07	1.51E-07	6.25E-07	3.96E-07	1.13E-07	5.09E-07	9.39E-08	2.89E-08	1.23E-07	7.32E-08	1.39E-08	8.71E-08
6405	623984.29	4266638.07	4.68E-07	1.49E-07	6.17E-07	3.91E-07	1.11E-07	5.03E-07	9.27E-08	2.85E-08	1.21E-07	7.23E-08	1.37E-08	8.60E-08
6406	623975.36	4266634.19	4.62E-07	1.47E-07	6.09E-07	3.86E-07	1.10E-07	4.96E-07	9.15E-08	2.81E-08	1.20E-07	7.13E-08	1.36E-08	8.49E-08
6407	623966.43	4266630.31	4.56E-07	1.45E-07	6.01E-07	3.81E-07	1.08E-07	4.90E-07	9.03E-08	2.78E-08	1.18E-07	7.04E-08	1.34E-08	8.38E-08
6408	623957.51	4266626.43	4.50E-07	1.43E-07	5.93E-07	3.76E-07	1.07E-07	4.83E-07	8.91E-08	2.74E-08	1.16E-07	6.94E-08	1.32E-08	8.26E-08
6409	623948.58	4266622.56	4.44E-07	1.41E-07	5.85E-07	3.71E-07	1.06E-07	4.77E-07	8.79E-08	2.70E-08	1.15E-07	6.85E-08	1.30E-08	8.15E-08
6410	623939.65	4266618.68	4.38E-07	1.39E-07	5.77E-07	3.66E-07	1.04E-07	4.70E-07	8.66E-08	2.66E-08	1.13E-07	6.75E-08	1.28E-08	8.03E-08
6411	623930.72	4266614.8	4.31E-07	1.37E-07	5.68E-07	3.61E-07	1.03E-07	4.63E-07	8.54E-08	2.62E-08	1.12E-07	6.66E-08	1.26E-08	7.92E-08
6412	623921.79	4266610.92	4.25E-07	1.35E-07	5.60E-07	3.55E-07	1.01E-07	4.56E-07	8.41E-08	2.59E-08	1.10E-07	6.56E-08	1.25E-08	7.80E-08
6413	623912.86	4266607.04	4.19E-07	1.33E-07	5.52E-07	3.50E-07	9.96E-08	4.50E-07	8.29E-08	2.55E-08	1.08E-07	6.46E-08	1.23E-08	7.69E-08
6414	623903.93	4266603.17	4.13E-07	1.31E-07	5.44E-07	3.45E-07	9.81E-08	4.43E-07	8.17E-08	2.51E-08	1.07E-07	6.37E-08	1.21E-08	7.58E-08
6415	623895	4266599.29	4.06E-07	1.29E-07	5.36E-07	3.40E-07	9.66E-08	4.36E-07	8.05E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
6416	623882.49	4266586.36	4.00E-07	1.27E-07	5.27E-07	3.34E-07	9.50E-08	4.29E-07	7.91E-08	2.43E-08	1.03E-07	6.17E-08	1.17E-08	7.34E-08
6417	623878.9	4266577.31	3.99E-07	1.27E-07	5.26E-07	3.33E-07	9.48E-08	4.28E-07	7.90E-08	2.43E-08	1.03E-07	6.15E-08	1.17E-08	7.32E-08
6418	623875.31	4266568.26	3.98E-07	1.26E-07	5.24E-07	3.33E-07	9.47E-08	4.27E-07	7.88E-08	2.42E-08	1.03E-07	6.14E-08	1.17E-08	7.31E-08
6419	623871.72	4266559.21	3.97E-07	1.26E-07	5.23E-07	3.32E-07	9.45E-08	4.27E-07	7.86E-08	2.42E-08	1.03E-07	6.13E-08	1.16E-08	7.29E-08
6420	623868.14	4266550.16	3.96E-07	1.26E-07	5.22E-07	3.31E-07	9.43E-08	4.26E-07	7.85E-08	2.41E-08	1.03E-07	6.12E-08	1.16E-08	7.28E-08
6421	623864.55	4266541.11	3.96E-07	1.26E-07	5.21E-07	3.31E-07	9.41E-08	4.25E-07	7.83E-08	2.41E-08	1.02E-07	6.10E-08	1.16E-08	7.26E-08
6422	623860.96	4266532.06	3.95E-07	1.25E-07	5.20E-07	3.30E-07	9.39E-08	4.24E-07	7.81E-08	2.40E-08	1.02E-07	6.09E-08	1.16E-08	7.25E-08
6423	623857.38	4266523.01	3.94E-07	1.25E-07	5.19E-07	3.29E-07	9.37E-08	4.23E-07	7.80E-08	2.40E-08	1.02E-07	6.08E-08	1.15E-08	7.23E-08
6424	623853.79	4266513.96	3.93E-07	1.25E-07	5.18E-07	3.29E-07	9.35E-08	4.22E-07	7.78E-08	2.39E-08	1.02E-07	6.07E-08	1.15E-08	7.22E-08
6425	623850.2	4266504.91	3.92E-07	1.25E-07	5.17E-07	3.28E-07	9.33E-08	4.21E-07	7.77E-08	2.39E-08	1.02E-07	6.06E-08	1.15E-08	7.21E-08
6426	623846.61	4266495.86	3.92E-07	1.24E-07	5.16E-07	3.27E-07	9.31E-08	4.21E-07	7.75E-08	2.38E-08	1.01E-07	6.04E-08	1.15E-08	7.19E-08
6427	623843.03	4266486.82	3.91E-07	1.24E-07	5.15E-07	3.27E-07	9.30E-08	4.20E-07	7.74E-08	2.38E-08	1.01E-07	6.03E-08	1.15E-08	7.18E-08
6428	623839.44	4266477.77	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.28E-08	4.19E-07	7.73E-08	2.38E-08	1.01E-07	6.02E-08	1.14E-08	7.17E-08
6429	623835.85	4266468.72	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.27E-08	4.19E-07	7.72E-08	2.37E-08	1.01E-07	6.02E-08	1.14E-08	7.16E-08
6430	623832.27	4266459.67	3.89E-07	1.24E-07	5.13E-07	3.25E-07	9.26E-08	4.18E-07	7.71E-08	2.37E-08	1.01E-07	6.01E-08	1.14E-08	7.15E-08
6431	623828.68	4266450.62	3.89E-07	1.24E-07	5.13E-07	3.25E-07	9.25E-08	4.18E-07	7.70E-08	2.37E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
6432	623825.09	4266441.57	3.89E-07	1.23E-07	5.12E-07	3.25E-07	9.24E-08	4.17E-07	7.69E-08	2.37E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
6433	623821.5	4266432.52	3.89E-07	1.23E-07	5.12E-07	3.25E-07	9.24E-08	4.17E-07	7.69E-08	2.36E-08	1.01E-07	5.99E-08	1.14E-08	7.13E-08
6434	623817.92	4266423.47	3.88E-07	1.23E-07	5.12E-07	3.25E-07	9.23E-08	4.17E-07	7.69E-08	2.36E-08	1.01E-07	5.99E-08	1.14E-08	7.13E-08

6435	623814.33	4266414.42	3.88E-07	1.23E-07	5.12E-07	3.25E-07	9.23E-08	4.17E-07	7.69E-08	2.36E-08	1.01E-07	5.99E-08	1.14E-08	7.13E-08
6436	623810.74	4266405.37	3.88E-07	1.23E-07	5.12E-07	3.25E-07	9.23E-08	4.17E-07	7.69E-08	2.36E-08	1.01E-07	5.99E-08	1.14E-08	7.13E-08
6437	623807.16	4266396.32	3.89E-07	1.23E-07	5.12E-07	3.25E-07	9.24E-08	4.17E-07	7.69E-08	2.36E-08	1.01E-07	5.99E-08	1.14E-08	7.13E-08
6438	623803.57	4266387.27	3.89E-07	1.23E-07	5.12E-07	3.25E-07	9.24E-08	4.17E-07	7.69E-08	2.36E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
6439	623799.98	4266378.22	3.89E-07	1.23E-07	5.12E-07	3.25E-07	9.24E-08	4.17E-07	7.70E-08	2.37E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
6440	623796.39	4266369.17	3.89E-07	1.24E-07	5.12E-07	3.25E-07	9.25E-08	4.18E-07	7.70E-08	2.37E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
6441	623792.81	4266360.12	3.89E-07	1.24E-07	5.13E-07	3.25E-07	9.25E-08	4.18E-07	7.70E-08	2.37E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
6442	623789.22	4266351.07	3.89E-07	1.24E-07	5.12E-07	3.25E-07	9.25E-08	4.18E-07	7.70E-08	2.37E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
6443	623785.63	4266342.02	3.89E-07	1.23E-07	5.12E-07	3.25E-07	9.25E-08	4.17E-07	7.70E-08	2.37E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
6444	623782.05	4266332.97	3.89E-07	1.23E-07	5.12E-07	3.25E-07	9.24E-08	4.17E-07	7.69E-08	2.36E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
6445	623778.46	4266323.92	3.88E-07	1.23E-07	5.12E-07	3.25E-07	9.23E-08	4.17E-07	7.69E-08	2.36E-08	1.00E-07	5.99E-08	1.14E-08	7.13E-08
6446	623774.87	4266314.87	3.88E-07	1.23E-07	5.11E-07	3.24E-07	9.22E-08	4.16E-07	7.67E-08	2.36E-08	1.00E-07	5.98E-08	1.14E-08	7.12E-08
6447	623771.28	4266305.82	3.87E-07	1.23E-07	5.10E-07	3.23E-07	9.20E-08	4.15E-07	7.65E-08	2.35E-08	1.00E-07	5.97E-08	1.13E-08	7.10E-08
6448	623767.7	4266296.77	3.86E-07	1.22E-07	5.08E-07	3.22E-07	9.17E-08	4.14E-07	7.63E-08	2.35E-08	9.98E-08	5.95E-08	1.13E-08	7.08E-08
6449	623764.11	4266287.72	3.84E-07	1.22E-07	5.06E-07	3.21E-07	9.14E-08	4.13E-07	7.61E-08	2.34E-08	9.94E-08	5.93E-08	1.13E-08	7.06E-08
6450	623760.52	4266278.67	3.83E-07	1.22E-07	5.04E-07	3.20E-07	9.10E-08	4.11E-07	7.57E-08	2.33E-08	9.90E-08	5.90E-08	1.12E-08	7.03E-08
6451	623756.94	4266269.62	3.81E-07	1.21E-07	5.02E-07	3.18E-07	9.05E-08	4.09E-07	7.54E-08	2.32E-08	9.85E-08	5.88E-08	1.12E-08	6.99E-08
6452	623753.35	4266260.57	3.79E-07	1.20E-07	4.99E-07	3.16E-07	9.00E-08	4.06E-07	7.49E-08	2.30E-08	9.80E-08	5.84E-08	1.11E-08	6.95E-08
6453	623749.76	4266251.52	3.76E-07	1.19E-07	4.96E-07	3.14E-07	8.95E-08	4.04E-07	7.45E-08	2.29E-08	9.74E-08	5.81E-08	1.10E-08	6.91E-08
6454	623746.17	4266242.47	3.74E-07	1.19E-07	4.92E-07	3.12E-07	8.89E-08	4.01E-07	7.40E-08	2.27E-08	9.67E-08	5.77E-08	1.10E-08	6.86E-08
6455	623742.59	4266233.42	3.71E-07	1.18E-07	4.89E-07	3.10E-07	8.82E-08	3.98E-07	7.34E-08	2.26E-08	9.60E-08	5.73E-08	1.09E-08	6.81E-08
6456	623739	4266224.37	3.68E-07	1.17E-07	4.85E-07	3.08E-07	8.76E-08	3.95E-07	7.29E-08	2.24E-08	9.53E-08	5.68E-08	1.08E-08	6.76E-08
6457	623735.41	4266215.32	3.66E-07	1.16E-07	4.82E-07	3.06E-07	8.69E-08	3.92E-07	7.24E-08	2.22E-08	9.46E-08	5.64E-08	1.07E-08	6.71E-08
6458	623731.83	4266206.27	3.63E-07	1.15E-07	4.78E-07	3.03E-07	8.63E-08	3.90E-07	7.18E-08	2.21E-08	9.39E-08	5.60E-08	1.06E-08	6.66E-08
6459	623728.24	4266197.22	3.60E-07	1.14E-07	4.74E-07	3.01E-07	8.56E-08	3.87E-07	7.13E-08	2.19E-08	9.32E-08	5.55E-08	1.06E-08	6.61E-08
6460	623724.65	4266188.17	3.57E-07	1.13E-07	4.70E-07	2.98E-07	8.49E-08	3.83E-07	7.07E-08	2.17E-08	9.24E-08	5.51E-08	1.05E-08	6.56E-08
6461	623721.06	4266179.13	3.54E-07	1.12E-07	4.67E-07	2.96E-07	8.42E-08	3.80E-07	7.01E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
6462	623717.48	4266170.08	3.51E-07	1.12E-07	4.63E-07	2.94E-07	8.35E-08	3.77E-07	6.95E-08	2.14E-08	9.09E-08	5.42E-08	1.03E-08	6.45E-08
6463	623713.89	4266161.03	3.48E-07	1.11E-07	4.59E-07	2.91E-07	8.29E-08	3.74E-07	6.90E-08	2.12E-08	9.02E-08	5.38E-08	1.02E-08	6.40E-08
6464	623710.3	4266151.98	3.46E-07	1.10E-07	4.56E-07	2.89E-07	8.22E-08	3.71E-07	6.84E-08	2.10E-08	8.95E-08	5.33E-08	1.01E-08	6.35E-08
6465	624341.45	4266793.18	5.29E-07	1.68E-07	6.98E-07	4.43E-07	1.26E-07	5.68E-07	1.05E-07	3.22E-08	1.37E-07	8.17E-08	1.55E-08	9.72E-08
6466	624351.34	4266793.35	5.30E-07	1.68E-07	6.99E-07	4.43E-07	1.26E-07	5.69E-07	1.05E-07	3.23E-08	1.37E-07	8.18E-08	1.55E-08	9.74E-08
6467	624361.23	4266793.53	5.31E-07	1.69E-07	6.99E-07	4.44E-07	1.26E-07	5.70E-07	1.05E-07	3.23E-08	1.37E-07	8.19E-08	1.56E-08	9.75E-08
6468	624371.12	4266793.71	5.31E-07	1.69E-07	7.00E-07	4.44E-07	1.26E-07	5.70E-07	1.05E-07	3.23E-08	1.37E-07	8.20E-08	1.56E-08	9.76E-08
6469	624381.01	4266793.88	5.32E-07	1.69E-07	7.01E-07	4.44E-07	1.26E-07	5.71E-07	1.05E-07	3.24E-08	1.38E-07	8.20E-08	1.56E-08	9.76E-08
6470	624390.9	4266794.06	5.32E-07	1.69E-07	7.01E-07	4.45E-07	1.26E-07	5.71E-07	1.05E-07	3.24E-08	1.38E-07	8.21E-08	1.56E-08	9.77E-08
6471	624400.79	4266794.24	5.32E-07	1.69E-07	7.01E-07	4.45E-07	1.27E-07	5.71E-07	1.05E-07	3.24E-08	1.38E-07	8.21E-08	1.56E-08	9.77E-08
6472	624410.68	4266794.41	5.32E-07	1.69E-07	7.02E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.78E-08
6473	624420.57	4266794.59	5.33E-07	1.69E-07	7.02E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.78E-08
6474	624430.46	4266794.77	5.33E-07	1.69E-07	7.02E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.78E-08
6475	624440.35	4266794.94	5.33E-07	1.69E-07	7.02E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.78E-08
6476	624450.24	4266795.12	5.33E-07	1.69E-07	7.02E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.78E-08
6477	624460.12	4266795.3	5.33E-07	1.69E-07	7.02E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.79E-08
6478	624470.01	4266795.47	5.33E-07	1.69E-07	7.02E-07	4.46E-07	1.27E-07	5.72E-07	1.06E-07	3.24E-08	1.38E-07	8.23E-08	1.56E-08	9.79E-08
6479	624479.9	4266795.65	5.33E-07	1.69E-07	7.03E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.23E-08	1.56E-08	9.79E-08
6480	624489.79	4266795.83	5.34E-07	1.69E-07	7.03E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.23E-08	1.56E-08	9.80E-08
6481	624499.68	4266796	5.34E-07	1.70E-07	7.04E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.57E-08	9.81E-08
6482	624509.57	4266796.18	5.35E-07	1.70E-07	7.04E-07	4.47E-07	1.27E-07	5.74E-07	1.06E-07	3.25E-08	1.38E-07	8.25E-08	1.57E-08	9.81E-08
6483	624519.46	4266796.36	5.35E-07	1.70E-07	7.05E-07	4.47E-07	1.27E-07	5.74E-07	1.06E-07	3.26E-08	1.38E-07	8.26E-08	1.57E-08	9.82E-08
6484	624529.35	4266796.53	5.36E-07	1.70E-07	7.06E-07	4.48E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.39E-07	8.26E-08	1.57E-08	9.83E-08
6485	624539.24	4266796.71	5.36E-07	1.70E-07	7.06E-07	4.48E-07	1.27E-07	5.76E-07	1.06E-07	3.26E-08	1.39E-07	8.27E-08	1.57E-08	9.85E-08
6486	624549.13	4266796.88	5.37E-07	1.70E-07	7.07E-07	4.49E-07	1.28E-07	5.76E-07	1.06E-07	3.27E-08	1.39E-07	8.28E-08	1.57E-08	9.86E-08
6487	624559.02	4266797.06	5.37E-07	1.71E-07	7.08E-07	4.49E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.29E-08	1.57E-08	9.86E-08
6488	624568.91	4266797.24	5.37E-07	1.71E-07	7.08E-07	4.49E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.29E-08	1.58E-08	9.87E-08
6489	624578.8	4266797.41	5.38E-07	1.71E-07	7.08E-07	4.49E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.30E-08	1.58E-08	9.87E-08
6490	624588.68	4266797.59	5.38E-07	1.71E-07	7.08E-07	4.49E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.30E-08	1.58E-08	9.87E-08
6491	624598.57	4266797.77	5.37E-07	1.71E-07	7.08E-07	4.49E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.29E-08	1.57E-08	9.87E-08
6492	624608.46	4266797.94	5.37E-07	1.70E-07	7.07E-07	4.49E-07	1.28E-07	5.76E-07	1.06E-07	3.27E-08	1.39E-07	8.28E-08	1.57E-08	9.86E-08
6493	624618.35	4266798.12	5.36E-07	1.70E-07	7.06E-07	4.48E-07	1.27E-07	5.76E-07	1.06E-07	3.26E-08	1.39E-07	8.27E-08	1.57E-08	9.84E-08
6494	624628.24	4266798.3	5.35E-07	1.70E-07	7.05E-07	4.47E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.38E-07	8.26E-08	1.57E-08	9.83E-08
6495	624638.13	4266798.47	5.34E-07	1.70E-07	7.04E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.57E-08	9.81E-08
6496	624648.02	4266798.65	5.33E-07	1.69E-07	7.02E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.78E-08
6497	624657.91	4266798.83	5.31E-07	1.69E-07	7.00E-07	4.44E-07	1.26E-07	5.70E-07	1.05E-07	3.23E-08	1.37E-07	8.20E-08	1.56E-08	9.76E-08
6498	624667.8	4266799	5.30E-07	1.68E-07	6.98E-07	4.43E-07	1.26E-07	5.69E-07	1.05E-07	3.22E-08	1.37E-07	8.17E-08	1.55E-08	9.73E-08
6499	624677.69	4266799.18	5.28E-07	1.68E-07	6.96E-07	4.41E-07	1.26E-07	5.67E-07	1.05E-07	3.21E-08	1.37E-07	8.15E-08	1.55E-08	9.70E-08
6500	624687.58	4266799.36	5.27E-07	1.67E-07	6.94E-07	4.40E-07	1.25E-07	5.65E-07	1.04E-07	3.20E-08	1.36E-07	8.13E-08	1.54E-08	9.67E-08
6501	624697.47	4266799.53	5.25E-07	1.67E-07	6.92E-07	4.39E-07	1.25E-07	5.64E-07	1.04E-07	3.20E-08	1.36E-07	8.10E-08	1.54E-08	9.64E-08
6502	624707.35	4266799.71	5.24E-07	1.66E-07	6.90E-07	4.38E-07	1.25E-07	5.62E-07	1.04E-07	3.19E-08	1.36E-07	8.08E-08	1.53E-08	9.61E-08
6503	624717.24	4266799.89	5.22E-07	1.66E-07	6.88E-07	4.36E-07	1.24E-07	5.61E-07	1.03E-07	3.18E-08	1.35E-07	8.06E-08	1.53E-08	9.59E-08
6504	624727.13	4266800.06	5.21E-07	1.65E-07	6.86E-07	4.35E-07	1.24E-07	5.59E-07	1.03E-07	3.17E-08	1.35E-07	8.04E-08	1.53E-08	9.56E-08
6505	624737.02	4266800.24	5.20E-07	1.65E-07	6.85E-07	4.34E-07	1.24E-07	5.58E-07	1.03E-07	3.16E-08	1.34E-07	8.02E-08	1.52E-08	9.54E-08
6506	624746.91	4266800.42	5.19E-07	1.65E-07	6.83E-07	4.33E-07	1.23E-07	5.57E-07	1.03E-07	3.16E-08	1.34E-07	8.00E-08	1.52E-08	9.52E-08
6507	624756.8	4266800.59	5.18E-07	1.64E-07	6.82E-07	4.33E-07	1.23E-07	5.56E-07	1.02E-07	3.15E-08	1.34E-07	7.99E-08	1.52E-08	9.50E-08
6508	624766.69	4266800.77	5.17E-07	1.64E-07	6.81E-07	4.32E-07	1.23E-07	5.55E-07	1.02E-07	3.14E-08	1.34E-07	7.97E-08	1.51E-08	9.49E-08

6509	624776.58	4266800.95	5.16E-07	1.64E-07	6.79E-07	4.31E-07	1.23E-07	5.54E-07	1.02E-07	3.14E-08	1.33E-07	7.96E-08	1.51E-08	9.47E-08
6510	624786.47	4266801.12	5.14E-07	1.63E-07	6.78E-07	4.30E-07	1.22E-07	5.52E-07	1.02E-07	3.13E-08	1.33E-07	7.94E-08	1.51E-08	9.45E-08
6511	624796.36	4266801.3	5.13E-07	1.63E-07	6.76E-07	4.29E-07	1.22E-07	5.51E-07	1.02E-07	3.12E-08	1.33E-07	7.92E-08	1.50E-08	9.42E-08
6512	624806.25	4266801.48	5.12E-07	1.63E-07	6.74E-07	4.28E-07	1.22E-07	5.49E-07	1.01E-07	3.11E-08	1.32E-07	7.90E-08	1.50E-08	9.40E-08
6513	624816.14	4266801.65	5.10E-07	1.62E-07	6.72E-07	4.27E-07	1.21E-07	5.48E-07	1.01E-07	3.11E-08	1.32E-07	7.88E-08	1.50E-08	9.37E-08
6514	624826.03	4266801.83	5.09E-07	1.62E-07	6.70E-07	4.25E-07	1.21E-07	5.46E-07	1.01E-07	3.10E-08	1.32E-07	7.85E-08	1.49E-08	9.34E-08
6515	624835.91	4266802.01	5.07E-07	1.61E-07	6.68E-07	4.24E-07	1.21E-07	5.45E-07	1.00E-07	3.09E-08	1.31E-07	7.83E-08	1.49E-08	9.31E-08
6516	624331.64	4266839.3	4.85E-07	1.54E-07	6.39E-07	4.05E-07	1.15E-07	5.21E-07	9.60E-08	2.95E-08	1.25E-07	7.48E-08	1.42E-08	8.90E-08
6517	624322.73	4266835.42	4.88E-07	1.55E-07	6.42E-07	4.07E-07	1.16E-07	5.23E-07	9.65E-08	2.97E-08	1.26E-07	7.52E-08	1.43E-08	8.95E-08
6518	624313.81	4266831.55	4.90E-07	1.56E-07	6.46E-07	4.10E-07	1.17E-07	5.26E-07	9.70E-08	2.98E-08	1.27E-07	7.56E-08	1.44E-08	9.00E-08
6519	624304.9	4266827.68	4.92E-07	1.56E-07	6.49E-07	4.12E-07	1.17E-07	5.29E-07	9.75E-08	3.00E-08	1.27E-07	7.60E-08	1.44E-08	9.04E-08
6520	624295.98	4266823.81	4.95E-07	1.57E-07	6.52E-07	4.13E-07	1.18E-07	5.31E-07	9.79E-08	3.01E-08	1.28E-07	7.63E-08	1.45E-08	9.08E-08
6521	624287.06	4266819.93	4.97E-07	1.58E-07	6.54E-07	4.15E-07	1.18E-07	5.33E-07	9.83E-08	3.02E-08	1.29E-07	7.66E-08	1.46E-08	9.12E-08
6522	624278.15	4266816.06	4.98E-07	1.58E-07	6.56E-07	4.16E-07	1.18E-07	5.35E-07	9.86E-08	3.03E-08	1.29E-07	7.69E-08	1.46E-08	9.15E-08
6523	624269.23	4266812.19	5.00E-07	1.59E-07	6.58E-07	4.18E-07	1.19E-07	5.36E-07	9.89E-08	3.04E-08	1.29E-07	7.71E-08	1.46E-08	9.17E-08
6524	624260.31	4266808.32	5.01E-07	1.59E-07	6.60E-07	4.18E-07	1.19E-07	5.38E-07	9.91E-08	3.05E-08	1.30E-07	7.73E-08	1.47E-08	9.19E-08
6525	624251.4	4266804.45	5.01E-07	1.59E-07	6.60E-07	4.19E-07	1.19E-07	5.38E-07	9.92E-08	3.05E-08	1.30E-07	7.73E-08	1.47E-08	9.20E-08
6526	624242.48	4266800.57	5.02E-07	1.59E-07	6.61E-07	4.19E-07	1.19E-07	5.38E-07	9.93E-08	3.05E-08	1.30E-07	7.74E-08	1.47E-08	9.21E-08
6527	624233.56	4266796.7	5.02E-07	1.59E-07	6.61E-07	4.19E-07	1.19E-07	5.38E-07	9.93E-08	3.05E-08	1.30E-07	7.74E-08	1.47E-08	9.21E-08
6528	624224.65	4266792.83	5.01E-07	1.59E-07	6.61E-07	4.19E-07	1.19E-07	5.38E-07	9.93E-08	3.05E-08	1.30E-07	7.74E-08	1.47E-08	9.21E-08
6529	624215.73	4266788.96	5.01E-07	1.59E-07	6.60E-07	4.19E-07	1.19E-07	5.38E-07	9.92E-08	3.05E-08	1.30E-07	7.73E-08	1.47E-08	9.20E-08
6530	624206.81	4266785.08	5.01E-07	1.59E-07	6.60E-07	4.18E-07	1.19E-07	5.37E-07	9.91E-08	3.05E-08	1.30E-07	7.72E-08	1.47E-08	9.19E-08
6531	624197.9	4266781.21	5.00E-07	1.59E-07	6.59E-07	4.18E-07	1.19E-07	5.37E-07	9.89E-08	3.04E-08	1.29E-07	7.71E-08	1.46E-08	9.18E-08
6532	624188.98	4266777.34	4.99E-07	1.58E-07	6.57E-07	4.17E-07	1.19E-07	5.36E-07	9.88E-08	3.04E-08	1.29E-07	7.70E-08	1.46E-08	9.16E-08
6533	624180.06	4266773.47	4.98E-07	1.58E-07	6.56E-07	4.16E-07	1.18E-07	5.35E-07	9.85E-08	3.03E-08	1.29E-07	7.68E-08	1.46E-08	9.14E-08
6534	624171.15	4266769.59	4.97E-07	1.58E-07	6.55E-07	4.15E-07	1.18E-07	5.33E-07	9.83E-08	3.02E-08	1.29E-07	7.67E-08	1.46E-08	9.12E-08
6535	624162.23	4266765.72	4.96E-07	1.57E-07	6.53E-07	4.14E-07	1.18E-07	5.32E-07	9.81E-08	3.02E-08	1.28E-07	7.65E-08	1.45E-08	9.10E-08
6536	624153.31	4266761.85	4.94E-07	1.57E-07	6.51E-07	4.13E-07	1.18E-07	5.31E-07	9.79E-08	3.01E-08	1.28E-07	7.63E-08	1.45E-08	9.08E-08
6537	624144.4	4266757.98	4.93E-07	1.57E-07	6.50E-07	4.12E-07	1.17E-07	5.30E-07	9.76E-08	3.00E-08	1.28E-07	7.61E-08	1.45E-08	9.06E-08
6538	624135.48	4266754.11	4.92E-07	1.56E-07	6.48E-07	4.11E-07	1.17E-07	5.28E-07	9.74E-08	2.99E-08	1.27E-07	7.59E-08	1.44E-08	9.03E-08
6539	624126.56	4266750.23	4.91E-07	1.56E-07	6.47E-07	4.10E-07	1.17E-07	5.27E-07	9.71E-08	2.99E-08	1.27E-07	7.57E-08	1.44E-08	9.01E-08
6540	624117.65	4266746.36	4.89E-07	1.55E-07	6.45E-07	4.09E-07	1.16E-07	5.25E-07	9.69E-08	2.98E-08	1.27E-07	7.55E-08	1.43E-08	8.99E-08
6541	624073.06	4266727	4.81E-07	1.53E-07	6.34E-07	4.02E-07	1.14E-07	5.17E-07	9.52E-08	2.93E-08	1.25E-07	7.42E-08	1.41E-08	8.83E-08
6542	624064.15	4266723.13	4.79E-07	1.52E-07	6.31E-07	4.00E-07	1.14E-07	5.14E-07	9.48E-08	2.91E-08	1.24E-07	7.39E-08	1.40E-08	8.79E-08
6543	624055.23	4266719.25	4.76E-07	1.51E-07	6.28E-07	3.98E-07	1.13E-07	5.12E-07	9.43E-08	2.90E-08	1.23E-07	7.35E-08	1.40E-08	8.75E-08
6544	624046.32	4266715.38	4.74E-07	1.50E-07	6.24E-07	3.96E-07	1.13E-07	5.09E-07	9.38E-08	2.88E-08	1.23E-07	7.31E-08	1.39E-08	8.70E-08
6545	624037.4	4266711.51	4.71E-07	1.50E-07	6.20E-07	3.93E-07	1.12E-07	5.05E-07	9.32E-08	2.86E-08	1.22E-07	7.26E-08	1.38E-08	8.64E-08
6546	624028.48	4266707.64	4.68E-07	1.48E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.25E-08	2.84E-08	1.21E-07	7.21E-08	1.37E-08	8.58E-08
6547	624019.57	4266703.76	4.64E-07	1.47E-07	6.11E-07	3.88E-07	1.10E-07	4.98E-07	9.19E-08	2.82E-08	1.20E-07	7.16E-08	1.36E-08	8.52E-08
6548	624010.65	4266699.89	4.60E-07	1.46E-07	6.06E-07	3.85E-07	1.09E-07	4.94E-07	9.11E-08	2.80E-08	1.19E-07	7.10E-08	1.35E-08	8.45E-08
6549	624001.73	4266696.02	4.56E-07	1.45E-07	6.01E-07	3.81E-07	1.08E-07	4.90E-07	9.03E-08	2.77E-08	1.18E-07	7.04E-08	1.34E-08	8.37E-08
6550	623992.82	4266692.15	4.52E-07	1.43E-07	5.95E-07	3.77E-07	1.07E-07	4.85E-07	8.94E-08	2.75E-08	1.17E-07	6.97E-08	1.32E-08	8.29E-08
6551	623983.9	4266688.28	4.47E-07	1.42E-07	5.89E-07	3.74E-07	1.06E-07	4.80E-07	8.85E-08	2.72E-08	1.16E-07	6.90E-08	1.31E-08	8.21E-08
6552	623974.98	4266684.4	4.42E-07	1.41E-07	5.83E-07	3.70E-07	1.05E-07	4.75E-07	8.76E-08	2.69E-08	1.15E-07	6.83E-08	1.30E-08	8.12E-08
6553	623966.07	4266680.53	4.38E-07	1.39E-07	5.77E-07	3.66E-07	1.04E-07	4.70E-07	8.66E-08	2.66E-08	1.13E-07	6.75E-08	1.28E-08	8.04E-08
6554	623957.15	4266676.66	4.33E-07	1.37E-07	5.70E-07	3.62E-07	1.03E-07	4.64E-07	8.56E-08	2.63E-08	1.12E-07	6.67E-08	1.27E-08	7.94E-08
6555	623948.23	4266672.79	4.27E-07	1.36E-07	5.63E-07	3.57E-07	1.02E-07	4.59E-07	8.46E-08	2.60E-08	1.11E-07	6.59E-08	1.25E-08	7.85E-08
6556	623939.32	4266668.91	4.22E-07	1.34E-07	5.56E-07	3.53E-07	1.00E-07	4.53E-07	8.35E-08	2.57E-08	1.09E-07	6.51E-08	1.24E-08	7.75E-08
6557	623930.4	4266665.04	4.17E-07	1.32E-07	5.49E-07	3.48E-07	9.91E-08	4.47E-07	8.25E-08	2.54E-08	1.08E-07	6.43E-08	1.22E-08	7.65E-08
6558	623921.48	4266661.17	4.11E-07	1.31E-07	5.42E-07	3.44E-07	9.78E-08	4.41E-07	8.14E-08	2.50E-08	1.06E-07	6.35E-08	1.21E-08	7.55E-08
6559	623912.57	4266657.3	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.65E-08	4.36E-07	8.03E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.45E-08
6560	623903.65	4266653.42	4.00E-07	1.27E-07	5.27E-07	3.34E-07	9.51E-08	4.30E-07	7.92E-08	2.43E-08	1.04E-07	6.17E-08	1.17E-08	7.35E-08
6561	623894.73	4266649.55	3.95E-07	1.25E-07	5.20E-07	3.30E-07	9.38E-08	4.24E-07	7.81E-08	2.40E-08	1.02E-07	6.09E-08	1.16E-08	7.25E-08
6562	623885.82	4266645.68	3.89E-07	1.24E-07	5.13E-07	3.25E-07	9.25E-08	4.18E-07	7.70E-08	2.37E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
6563	623876.9	4266641.81	3.84E-07	1.22E-07	5.05E-07	3.21E-07	9.12E-08	4.12E-07	7.59E-08	2.33E-08	9.93E-08	5.92E-08	1.12E-08	7.04E-08
6564	623867.98	4266637.94	3.78E-07	1.20E-07	4.98E-07	3.16E-07	8.99E-08	4.06E-07	7.48E-08	2.30E-08	9.79E-08	5.83E-08	1.11E-08	6.94E-08
6565	623859.07	4266634.06	3.73E-07	1.18E-07	4.91E-07	3.12E-07	8.86E-08	4.00E-07	7.38E-08	2.27E-08	9.65E-08	5.75E-08	1.09E-08	6.84E-08
6566	623846.57	4266621.15	3.67E-07	1.16E-07	4.83E-07	3.07E-07	8.72E-08	3.94E-07	7.26E-08	2.23E-08	9.49E-08	5.66E-08	1.07E-08	6.73E-08
6567	623842.99	4266612.12	3.66E-07	1.16E-07	4.82E-07	3.06E-07	8.70E-08	3.93E-07	7.24E-08	2.23E-08	9.47E-08	5.65E-08	1.07E-08	6.72E-08
6568	623839.4	4266603.08	3.65E-07	1.16E-07	4.81E-07	3.05E-07	8.69E-08	3.92E-07	7.23E-08	2.22E-08	9.45E-08	5.64E-08	1.07E-08	6.71E-08
6569	623835.82	4266594.04	3.65E-07	1.16E-07	4.80E-07	3.05E-07	8.67E-08	3.91E-07	7.22E-08	2.22E-08	9.43E-08	5.62E-08	1.07E-08	6.69E-08
6570	623832.24	4266585.01	3.64E-07	1.16E-07	4.79E-07	3.04E-07	8.65E-08	3.91E-07	7.20E-08	2.21E-08	9.41E-08	5.61E-08	1.07E-08	6.68E-08
6571	623828.66	4266575.97	3.63E-07	1.15E-07	4.78E-07	3.03E-07	8.63E-08	3.90E-07	7.19E-08	2.21E-08	9.39E-08	5.60E-08	1.06E-08	6.67E-08
6572	623825.08	4266566.93	3.62E-07	1.15E-07	4.77E-07	3.03E-07	8.61E-08	3.89E-07	7.17E-08	2.20E-08	9.38E-08	5.59E-08	1.06E-08	6.65E-08
6573	623821.49	4266557.89	3.62E-07	1.15E-07	4.76E-07	3.02E-07	8.60E-08	3.88E-07	7.16E-08	2.20E-08	9.36E-08	5.58E-08	1.06E-08	6.64E-08
6574	623817.91	4266548.86	3.61E-07	1.15E-07	4.75E-07	3.02E-07	8.58E-08	3.87E-07	7.14E-08	2.20E-08	9.34E-08	5.57E-08	1.06E-08	6.62E-08
6575	623814.33	4266539.82	3.60E-07	1.14E-07	4.74E-07	3.01E-07	8.56E-08	3.87E-07	7.13E-08	2.19E-08	9.32E-08	5.56E-08	1.06E-08	6.61E-08
6576	623810.75	4266530.78	3.59E-07	1.14E-07	4.74E-07	3.00E-07	8.55E-08	3.86E-07	7.11E-08	2.19E-08	9.30E-08	5.55E-08	1.05E-08	6.60E-08
6577	623807.17	4266521.75	3.59E-07	1.14E-07	4.73E-07	3.00E-07	8.53E-08	3.85E-07	7.10E-08	2.18E-08	9.29E-08	5.54E-08	1.05E-08	6.59E-08
6578	623803.58	4266512.71	3.58E-07	1.14E-07	4.72E-07	2.99E-07	8.52E-08	3.85E-07	7.09E-08	2.18E-08	9.27E-08	5.53E-08	1.05E-08	6.58E-08
6579	623800	4266503.67	3.58E-07	1.14E-07	4.71E-07	2.99E-07	8.50E-08	3.84E-07	7.08E-08	2.18E-08	9.26E-08	5.52E-08	1.05E-08	6.57E-08
6580	623796.42	4266494.64	3.57E-07	1.13E-07	4.71E-07	2.99E-07	8.49E-08	3.83E-07	7.07E-08	2.17E-08	9.24E-08	5.51E-08	1.05E-08	6.56E-08
6581	623792.84	4266485.6	3.57E-07	1.13E-07	4.70E-07	2.98E-07	8.48E-08	3.83E-07	7.06E-08	2.17E-08	9.23E-08	5.51E-08	1.05E-08	6.55E-08
6582	623789.25	4266476.56	3.56E-07	1.13E-07	4.70E-07	2.98E-07	8.48E-08	3.83E-07	7.06E-08	2.17E-08	9.23E-08	5.50E-08	1.04E-08	6.55E-08

6583	623785.67	4266467.52	3.56E-07	1.13E-07	4.69E-07	2.98E-07	8.47E-08	3.82E-07	7.05E-08	2.17E-08	9.22E-08	5.50E-08	1.04E-08	6.54E-08
6584	623782.09	4266458.49	3.56E-07	1.13E-07	4.69E-07	2.98E-07	8.47E-08	3.82E-07	7.05E-08	2.17E-08	9.22E-08	5.50E-08	1.04E-08	6.54E-08
6585	623778.51	4266449.45	3.56E-07	1.13E-07	4.69E-07	2.98E-07	8.47E-08	3.82E-07	7.05E-08	2.17E-08	9.22E-08	5.49E-08	1.04E-08	6.54E-08
6586	623774.93	4266440.41	3.56E-07	1.13E-07	4.69E-07	2.98E-07	8.47E-08	3.82E-07	7.05E-08	2.17E-08	9.22E-08	5.50E-08	1.04E-08	6.54E-08
6587	623771.34	4266431.38	3.56E-07	1.13E-07	4.69E-07	2.98E-07	8.47E-08	3.82E-07	7.05E-08	2.17E-08	9.22E-08	5.50E-08	1.04E-08	6.54E-08
6588	623767.76	4266422.34	3.56E-07	1.13E-07	4.70E-07	2.98E-07	8.48E-08	3.83E-07	7.06E-08	2.17E-08	9.22E-08	5.50E-08	1.04E-08	6.54E-08
6589	623764.18	4266413.3	3.57E-07	1.13E-07	4.70E-07	2.98E-07	8.48E-08	3.83E-07	7.06E-08	2.17E-08	9.23E-08	5.50E-08	1.05E-08	6.55E-08
6590	623760.6	4266404.26	3.57E-07	1.13E-07	4.70E-07	2.98E-07	8.49E-08	3.83E-07	7.07E-08	2.17E-08	9.24E-08	5.51E-08	1.05E-08	6.55E-08
6591	623757.02	4266395.23	3.57E-07	1.13E-07	4.71E-07	2.99E-07	8.49E-08	3.84E-07	7.07E-08	2.17E-08	9.24E-08	5.51E-08	1.05E-08	6.56E-08
6592	623753.43	4266386.19	3.57E-07	1.14E-07	4.71E-07	2.99E-07	8.50E-08	3.84E-07	7.08E-08	2.18E-08	9.25E-08	5.52E-08	1.05E-08	6.56E-08
6593	623749.85	4266377.15	3.58E-07	1.14E-07	4.71E-07	2.99E-07	8.51E-08	3.84E-07	7.08E-08	2.18E-08	9.26E-08	5.52E-08	1.05E-08	6.57E-08
6594	623746.27	4266368.12	3.58E-07	1.14E-07	4.71E-07	2.99E-07	8.51E-08	3.84E-07	7.08E-08	2.18E-08	9.26E-08	5.52E-08	1.05E-08	6.57E-08
6595	623742.69	4266359.08	3.58E-07	1.14E-07	4.72E-07	2.99E-07	8.51E-08	3.84E-07	7.08E-08	2.18E-08	9.26E-08	5.52E-08	1.05E-08	6.57E-08
6596	623739.1	4266350.04	3.58E-07	1.14E-07	4.71E-07	2.99E-07	8.51E-08	3.84E-07	7.08E-08	2.18E-08	9.26E-08	5.52E-08	1.05E-08	6.57E-08
6597	623735.52	4266341.01	3.58E-07	1.14E-07	4.71E-07	2.99E-07	8.50E-08	3.84E-07	7.08E-08	2.18E-08	9.25E-08	5.52E-08	1.05E-08	6.57E-08
6598	623731.94	4266331.97	3.57E-07	1.13E-07	4.71E-07	2.98E-07	8.49E-08	3.83E-07	7.07E-08	2.17E-08	9.24E-08	5.51E-08	1.05E-08	6.56E-08
6599	623728.36	4266322.93	3.56E-07	1.13E-07	4.70E-07	2.98E-07	8.48E-08	3.83E-07	7.06E-08	2.17E-08	9.23E-08	5.50E-08	1.04E-08	6.55E-08
6600	623724.78	4266313.89	3.56E-07	1.13E-07	4.69E-07	2.97E-07	8.46E-08	3.82E-07	7.04E-08	2.16E-08	9.20E-08	5.49E-08	1.04E-08	6.53E-08
6601	623721.19	4266304.86	3.55E-07	1.13E-07	4.67E-07	2.96E-07	8.43E-08	3.81E-07	7.02E-08	2.16E-08	9.17E-08	5.47E-08	1.04E-08	6.51E-08
6602	623717.61	4266295.82	3.53E-07	1.12E-07	4.65E-07	2.95E-07	8.40E-08	3.79E-07	6.99E-08	2.15E-08	9.14E-08	5.45E-08	1.04E-08	6.49E-08
6603	623714.03	4266286.78	3.52E-07	1.12E-07	4.63E-07	2.94E-07	8.36E-08	3.78E-07	6.96E-08	2.14E-08	9.10E-08	5.43E-08	1.03E-08	6.46E-08
6604	623710.45	4266277.75	3.50E-07	1.11E-07	4.61E-07	2.93E-07	8.32E-08	3.76E-07	6.93E-08	2.13E-08	9.06E-08	5.40E-08	1.03E-08	6.43E-08
6605	623706.87	4266268.71	3.48E-07	1.11E-07	4.59E-07	2.91E-07	8.28E-08	3.74E-07	6.89E-08	2.12E-08	9.01E-08	5.37E-08	1.02E-08	6.39E-08
6606	623703.28	4266259.67	3.46E-07	1.10E-07	4.56E-07	2.89E-07	8.23E-08	3.72E-07	6.85E-08	2.11E-08	8.96E-08	5.34E-08	1.01E-08	6.36E-08
6607	623699.7	4266250.64	3.44E-07	1.09E-07	4.53E-07	2.87E-07	8.18E-08	3.69E-07	6.81E-08	2.09E-08	8.90E-08	5.31E-08	1.01E-08	6.31E-08
6608	623696.12	4266241.6	3.42E-07	1.08E-07	4.50E-07	2.85E-07	8.12E-08	3.67E-07	6.76E-08	2.08E-08	8.84E-08	5.27E-08	1.00E-08	6.27E-08
6609	623692.54	4266232.56	3.39E-07	1.08E-07	4.47E-07	2.83E-07	8.06E-08	3.64E-07	6.71E-08	2.06E-08	8.78E-08	5.23E-08	9.94E-09	6.23E-08
6610	623688.95	4266223.52	3.37E-07	1.07E-07	4.44E-07	2.81E-07	8.01E-08	3.61E-07	6.66E-08	2.05E-08	8.71E-08	5.20E-08	9.87E-09	6.18E-08
6611	623685.37	4266214.49	3.34E-07	1.06E-07	4.40E-07	2.79E-07	7.95E-08	3.59E-07	6.62E-08	2.03E-08	8.65E-08	5.16E-08	9.80E-09	6.14E-08
6612	623681.79	4266205.45	3.32E-07	1.05E-07	4.37E-07	2.77E-07	7.89E-08	3.56E-07	6.57E-08	2.02E-08	8.59E-08	5.12E-08	9.73E-09	6.09E-08
6613	623678.21	4266196.41	3.29E-07	1.05E-07	4.34E-07	2.75E-07	7.83E-08	3.54E-07	6.52E-08	2.00E-08	8.53E-08	5.08E-08	9.66E-09	6.05E-08
6614	623674.63	4266187.38	3.27E-07	1.04E-07	4.31E-07	2.73E-07	7.77E-08	3.51E-07	6.47E-08	1.99E-08	8.46E-08	5.04E-08	9.58E-09	6.00E-08
6615	623671.04	4266178.34	3.24E-07	1.03E-07	4.27E-07	2.71E-07	7.71E-08	3.48E-07	6.42E-08	1.97E-08	8.39E-08	5.00E-08	9.51E-09	5.96E-08
6616	623667.46	4266169.3	3.22E-07	1.02E-07	4.24E-07	2.69E-07	7.65E-08	3.45E-07	6.37E-08	1.96E-08	8.33E-08	4.96E-08	9.43E-09	5.91E-08
6617	623663.88	4266160.26	3.19E-07	1.01E-07	4.21E-07	2.67E-07	7.59E-08	3.43E-07	6.32E-08	1.94E-08	8.26E-08	4.93E-08	9.36E-09	5.86E-08
6618	623660.3	4266151.23	3.17E-07	1.01E-07	4.18E-07	2.65E-07	7.54E-08	3.40E-07	6.28E-08	1.93E-08	8.21E-08	4.89E-08	9.29E-09	5.82E-08
6619	624340.56	4266843.17	4.82E-07	1.53E-07	6.35E-07	4.03E-07	1.15E-07	5.18E-07	9.54E-08	2.93E-08	1.25E-07	7.44E-08	1.41E-08	8.85E-08
6620	624350.45	4266843.35	4.82E-07	1.53E-07	6.36E-07	4.03E-07	1.15E-07	5.18E-07	9.55E-08	2.94E-08	1.25E-07	7.44E-08	1.41E-08	8.86E-08
6621	624360.34	4266843.52	4.83E-07	1.53E-07	6.36E-07	4.04E-07	1.15E-07	5.18E-07	9.56E-08	2.94E-08	1.25E-07	7.45E-08	1.41E-08	8.86E-08
6622	624370.23	4266843.7	4.83E-07	1.53E-07	6.36E-07	4.04E-07	1.15E-07	5.19E-07	9.56E-08	2.94E-08	1.25E-07	7.45E-08	1.42E-08	8.87E-08
6623	624380.12	4266843.87	4.83E-07	1.53E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.56E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.87E-08
6624	624390.01	4266844.05	4.83E-07	1.53E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.87E-08
6625	624399.9	4266844.23	4.83E-07	1.54E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.87E-08
6626	624409.79	4266844.4	4.83E-07	1.54E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.88E-08
6627	624419.68	4266844.58	4.83E-07	1.54E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.88E-08
6628	624429.56	4266844.76	4.83E-07	1.54E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.88E-08
6629	624439.45	4266844.93	4.83E-07	1.54E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.87E-08
6630	624449.34	4266845.11	4.83E-07	1.54E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.87E-08
6631	624459.23	4266845.29	4.83E-07	1.54E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.87E-08
6632	624469.12	4266845.46	4.83E-07	1.54E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.88E-08
6633	624479.01	4266845.64	4.84E-07	1.54E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.88E-08
6634	624488.9	4266845.82	4.84E-07	1.54E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.88E-08
6635	624498.79	4266845.99	4.84E-07	1.54E-07	6.38E-07	4.04E-07	1.15E-07	5.20E-07	9.58E-08	2.94E-08	1.25E-07	7.47E-08	1.42E-08	8.88E-08
6636	624508.68	4266846.17	4.84E-07	1.54E-07	6.38E-07	4.05E-07	1.15E-07	5.20E-07	9.58E-08	2.95E-08	1.25E-07	7.47E-08	1.42E-08	8.89E-08
6637	624518.57	4266846.35	4.84E-07	1.54E-07	6.38E-07	4.05E-07	1.15E-07	5.20E-07	9.59E-08	2.95E-08	1.25E-07	7.47E-08	1.42E-08	8.89E-08
6638	624528.46	4266846.52	4.85E-07	1.54E-07	6.39E-07	4.05E-07	1.15E-07	5.20E-07	9.59E-08	2.95E-08	1.25E-07	7.48E-08	1.42E-08	8.90E-08
6639	624538.35	4266846.7	4.85E-07	1.54E-07	6.39E-07	4.05E-07	1.15E-07	5.21E-07	9.60E-08	2.95E-08	1.25E-07	7.48E-08	1.42E-08	8.90E-08
6640	624548.23	4266846.88	4.85E-07	1.54E-07	6.39E-07	4.05E-07	1.15E-07	5.21E-07	9.60E-08	2.95E-08	1.26E-07	7.49E-08	1.42E-08	8.91E-08
6641	624558.12	4266847.05	4.85E-07	1.54E-07	6.39E-07	4.06E-07	1.15E-07	5.21E-07	9.60E-08	2.95E-08	1.26E-07	7.49E-08	1.42E-08	8.91E-08
6642	624568.01	4266847.23	4.85E-07	1.54E-07	6.39E-07	4.06E-07	1.15E-07	5.21E-07	9.60E-08	2.95E-08	1.26E-07	7.49E-08	1.42E-08	8.91E-08
6643	624577.9	4266847.41	4.85E-07	1.54E-07	6.39E-07	4.06E-07	1.15E-07	5.21E-07	9.60E-08	2.95E-08	1.26E-07	7.49E-08	1.42E-08	8.91E-08
6644	624587.79	4266847.58	4.85E-07	1.54E-07	6.39E-07	4.05E-07	1.15E-07	5.21E-07	9.60E-08	2.95E-08	1.25E-07	7.48E-08	1.42E-08	8.90E-08
6645	624597.68	4266847.76	4.84E-07	1.54E-07	6.38E-07	4.05E-07	1.15E-07	5.20E-07	9.59E-08	2.95E-08	1.25E-07	7.48E-08	1.42E-08	8.90E-08
6646	624607.57	4266847.94	4.84E-07	1.54E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.57E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.88E-08
6647	624617.46	4266848.11	4.83E-07	1.53E-07	6.36E-07	4.03E-07	1.15E-07	5.18E-07	9.55E-08	2.94E-08	1.25E-07	7.45E-08	1.41E-08	8.86E-08
6648	624627.35	4266848.29	4.82E-07	1.53E-07	6.34E-07	4.02E-07	1.14E-07	5.17E-07	9.53E-08	2.93E-08	1.25E-07	7.43E-08	1.41E-08	8.84E-08
6649	624637.24	4266848.47	4.80E-07	1.53E-07	6.33E-07	4.01E-07	1.14E-07	5.16E-07	9.51E-08	2.92E-08	1.24E-07	7.41E-08	1.41E-08	8.82E-08
6650	624647.13	4266848.64	4.79E-07	1.52E-07	6.31E-07	4.00E-07	1.14E-07	5.14E-07	9.48E-08	2.91E-08	1.24E-07	7.39E-08	1.40E-08	8.79E-08
6651	624657.02	4266848.82	4.77E-07	1.52E-07	6.29E-07	3.99E-07	1.14E-07	5.13E-07	9.45E-08	2.90E-08	1.24E-07	7.37E-08	1.40E-08	8.77E-08
6652	624666.91	4266849	4.76E-07	1.51E-07	6.27E-07	3.98E-07	1.13E-07	5.11E-07	9.42E-08	2.89E-08	1.23E-07	7.34E-08	1.39E-08	8.73E-08
6653	624676.79	4266849.17	4.74E-07	1.51E-07	6.25E-07	3.96E-07	1.13E-07	5.09E-07	9.38E-08	2.88E-08	1.23E-07	7.32E-08	1.39E-08	8.70E-08
6654	624686.68	4266849.35	4.73E-07	1.50E-07	6.23E-07	3.95E-07	1.12E-07	5.07E-07	9.35E-08	2.88E-08	1.22E-07	7.29E-08	1.39E-08	8.68E-08
6655	624696.57	4266849.53	4.71E-07	1.50E-07	6.21E-07	3.94E-07	1.12E-07	5.06E-07	9.33E-08	2.87E-08	1.22E-07	7.27E-08	1.38E-08	8.65E-08
6656	624706.46	4266849.7	4.70E-07	1.49E-07	6.19E-07	3.93E-07	1.12E-07	5.05E-07	9.30E-08	2.86E-08	1.22E-07	7.25E-08	1.38E-08	8.63E-08

6657	624716.35	4266849.88	4.69E-07	1.49E-07	6.18E-07	3.92E-07	1.11E-07	5.03E-07	9.28E-08	2.85E-08	1.21E-07	7.24E-08	1.37E-08	8.61E-08
6658	624726.24	4266850.06	4.68E-07	1.49E-07	6.17E-07	3.91E-07	1.11E-07	5.02E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
6659	624736.13	4266850.23	4.67E-07	1.48E-07	6.15E-07	3.90E-07	1.11E-07	5.01E-07	9.25E-08	2.84E-08	1.21E-07	7.21E-08	1.37E-08	8.58E-08
6660	624746.02	4266850.41	4.66E-07	1.48E-07	6.14E-07	3.90E-07	1.11E-07	5.01E-07	9.23E-08	2.84E-08	1.21E-07	7.20E-08	1.37E-08	8.56E-08
6661	624755.91	4266850.59	4.66E-07	1.48E-07	6.14E-07	3.89E-07	1.11E-07	5.00E-07	9.22E-08	2.83E-08	1.21E-07	7.19E-08	1.37E-08	8.55E-08
6662	624765.8	4266850.76	4.65E-07	1.48E-07	6.13E-07	3.89E-07	1.11E-07	4.99E-07	9.21E-08	2.83E-08	1.20E-07	7.18E-08	1.36E-08	8.54E-08
6663	624775.69	4266850.94	4.65E-07	1.48E-07	6.12E-07	3.88E-07	1.10E-07	4.99E-07	9.20E-08	2.83E-08	1.20E-07	7.17E-08	1.36E-08	8.53E-08
6664	624785.58	4266851.12	4.64E-07	1.47E-07	6.11E-07	3.88E-07	1.10E-07	4.98E-07	9.18E-08	2.82E-08	1.20E-07	7.16E-08	1.36E-08	8.52E-08
6665	624795.46	4266851.29	4.63E-07	1.47E-07	6.10E-07	3.87E-07	1.10E-07	4.97E-07	9.17E-08	2.82E-08	1.20E-07	7.15E-08	1.36E-08	8.50E-08
6666	624805.35	4266851.47	4.62E-07	1.47E-07	6.09E-07	3.86E-07	1.10E-07	4.96E-07	9.15E-08	2.81E-08	1.20E-07	7.13E-08	1.36E-08	8.49E-08
6667	624815.24	4266851.65	4.61E-07	1.47E-07	6.08E-07	3.86E-07	1.10E-07	4.95E-07	9.13E-08	2.81E-08	1.19E-07	7.12E-08	1.35E-08	8.47E-08
6668	624825.13	4266851.82	4.60E-07	1.46E-07	6.07E-07	3.85E-07	1.09E-07	4.94E-07	9.11E-08	2.80E-08	1.19E-07	7.10E-08	1.35E-08	8.45E-08
6669	624835.02	4266852	4.59E-07	1.46E-07	6.05E-07	3.84E-07	1.09E-07	4.93E-07	9.09E-08	2.79E-08	1.19E-07	7.09E-08	1.35E-08	8.43E-08
6670	624329.74	4266939.23	4.08E-07	1.30E-07	5.38E-07	3.41E-07	9.71E-08	4.38E-07	8.08E-08	2.48E-08	1.06E-07	6.30E-08	1.20E-08	7.50E-08
6671	624320.7	4266935.3	4.10E-07	1.30E-07	5.41E-07	3.43E-07	9.76E-08	4.41E-07	8.12E-08	2.50E-08	1.06E-07	6.33E-08	1.20E-08	7.54E-08
6672	624311.66	4266931.37	4.13E-07	1.31E-07	5.44E-07	3.45E-07	9.81E-08	4.43E-07	8.17E-08	2.51E-08	1.07E-07	6.37E-08	1.21E-08	7.58E-08
6673	624302.62	4266927.45	4.15E-07	1.32E-07	5.46E-07	3.47E-07	9.86E-08	4.45E-07	8.21E-08	2.52E-08	1.07E-07	6.40E-08	1.22E-08	7.62E-08
6674	624293.58	4266923.52	4.17E-07	1.32E-07	5.49E-07	3.48E-07	9.91E-08	4.47E-07	8.25E-08	2.54E-08	1.08E-07	6.43E-08	1.22E-08	7.65E-08
6675	624284.54	4266919.6	4.18E-07	1.33E-07	5.51E-07	3.50E-07	9.95E-08	4.49E-07	8.28E-08	2.55E-08	1.08E-07	6.46E-08	1.23E-08	7.68E-08
6676	624275.5	4266915.67	4.20E-07	1.33E-07	5.53E-07	3.51E-07	9.98E-08	4.51E-07	8.31E-08	2.56E-08	1.09E-07	6.48E-08	1.23E-08	7.71E-08
6677	624266.46	4266911.75	4.21E-07	1.34E-07	5.55E-07	3.52E-07	1.00E-07	4.52E-07	8.34E-08	2.56E-08	1.09E-07	6.50E-08	1.23E-08	7.74E-08
6678	624257.42	4266907.82	4.23E-07	1.34E-07	5.57E-07	3.53E-07	1.00E-07	4.54E-07	8.37E-08	2.57E-08	1.09E-07	6.52E-08	1.24E-08	7.76E-08
6679	624248.38	4266903.89	4.24E-07	1.35E-07	5.58E-07	3.54E-07	1.01E-07	4.55E-07	8.39E-08	2.58E-08	1.10E-07	6.54E-08	1.24E-08	7.78E-08
6680	624239.34	4266899.97	4.25E-07	1.35E-07	5.60E-07	3.55E-07	1.01E-07	4.56E-07	8.41E-08	2.58E-08	1.10E-07	6.55E-08	1.24E-08	7.80E-08
6681	624230.3	4266896.04	4.25E-07	1.35E-07	5.60E-07	3.56E-07	1.01E-07	4.57E-07	8.42E-08	2.59E-08	1.10E-07	6.56E-08	1.25E-08	7.81E-08
6682	624221.26	4266892.12	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.82E-08
6683	624212.22	4266888.19	4.26E-07	1.35E-07	5.62E-07	3.56E-07	1.01E-07	4.58E-07	8.44E-08	2.59E-08	1.10E-07	6.58E-08	1.25E-08	7.83E-08
6684	624203.18	4266884.26	4.26E-07	1.35E-07	5.62E-07	3.56E-07	1.01E-07	4.58E-07	8.44E-08	2.59E-08	1.10E-07	6.58E-08	1.25E-08	7.83E-08
6685	624194.14	4266880.34	4.26E-07	1.35E-07	5.62E-07	3.56E-07	1.01E-07	4.58E-07	8.44E-08	2.59E-08	1.10E-07	6.58E-08	1.25E-08	7.83E-08
6686	624185.1	4266876.41	4.26E-07	1.35E-07	5.62E-07	3.56E-07	1.01E-07	4.58E-07	8.44E-08	2.59E-08	1.10E-07	6.58E-08	1.25E-08	7.83E-08
6687	624176.06	4266872.49	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.82E-08
6688	624167.02	4266868.56	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.42E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.81E-08
6689	624157.98	4266864.64	4.25E-07	1.35E-07	5.60E-07	3.55E-07	1.01E-07	4.56E-07	8.41E-08	2.59E-08	1.10E-07	6.56E-08	1.25E-08	7.80E-08
6690	624148.94	4266860.71	4.25E-07	1.35E-07	5.59E-07	3.55E-07	1.01E-07	4.56E-07	8.40E-08	2.58E-08	1.10E-07	6.55E-08	1.24E-08	7.79E-08
6691	624139.9	4266856.78	4.24E-07	1.35E-07	5.59E-07	3.54E-07	1.01E-07	4.55E-07	8.39E-08	2.58E-08	1.10E-07	6.54E-08	1.24E-08	7.79E-08
6692	624130.86	4266852.86	4.23E-07	1.34E-07	5.58E-07	3.54E-07	1.01E-07	4.55E-07	8.38E-08	2.58E-08	1.10E-07	6.53E-08	1.24E-08	7.77E-08
6693	624121.82	4266848.93	4.23E-07	1.34E-07	5.57E-07	3.53E-07	1.01E-07	4.54E-07	8.37E-08	2.57E-08	1.09E-07	6.53E-08	1.24E-08	7.76E-08
6694	624112.78	4266845.01	4.22E-07	1.34E-07	5.56E-07	3.53E-07	1.00E-07	4.53E-07	8.36E-08	2.57E-08	1.09E-07	6.52E-08	1.24E-08	7.75E-08
6695	623986.22	4266790.04	4.05E-07	1.29E-07	5.34E-07	3.39E-07	9.64E-08	4.35E-07	8.02E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.44E-08
6696	623977.18	4266786.12	4.03E-07	1.28E-07	5.31E-07	3.37E-07	9.58E-08	4.32E-07	7.97E-08	2.45E-08	1.04E-07	6.22E-08	1.18E-08	7.40E-08
6697	623968.14	4266782.19	4.00E-07	1.27E-07	5.27E-07	3.34E-07	9.51E-08	4.29E-07	7.92E-08	2.43E-08	1.04E-07	6.17E-08	1.17E-08	7.34E-08
6698	623959.1	4266778.27	3.97E-07	1.26E-07	5.23E-07	3.32E-07	9.44E-08	4.26E-07	7.86E-08	2.42E-08	1.03E-07	6.13E-08	1.16E-08	7.29E-08
6699	623950.06	4266774.34	3.94E-07	1.25E-07	5.19E-07	3.29E-07	9.36E-08	4.23E-07	7.79E-08	2.40E-08	1.02E-07	6.08E-08	1.15E-08	7.23E-08
6700	623941.02	4266770.41	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.28E-08	4.19E-07	7.73E-08	2.37E-08	1.01E-07	6.02E-08	1.14E-08	7.17E-08
6701	623931.98	4266766.49	3.87E-07	1.23E-07	5.09E-07	3.23E-07	9.19E-08	4.15E-07	7.65E-08	2.35E-08	1.00E-07	5.97E-08	1.13E-08	7.10E-08
6702	623922.94	4266762.56	3.83E-07	1.22E-07	5.05E-07	3.20E-07	9.10E-08	4.11E-07	7.58E-08	2.33E-08	9.91E-08	5.91E-08	1.12E-08	7.03E-08
6703	623913.9	4266758.64	3.79E-07	1.20E-07	4.99E-07	3.17E-07	9.01E-08	4.07E-07	7.50E-08	2.31E-08	9.81E-08	5.85E-08	1.11E-08	6.96E-08
6704	623904.86	4266754.71	3.75E-07	1.19E-07	4.94E-07	3.13E-07	8.91E-08	4.02E-07	7.42E-08	2.28E-08	9.70E-08	5.78E-08	1.10E-08	6.88E-08
6705	623895.82	4266750.79	3.71E-07	1.18E-07	4.88E-07	3.10E-07	8.81E-08	3.98E-07	7.34E-08	2.26E-08	9.59E-08	5.72E-08	1.09E-08	6.81E-08
6706	623886.78	4266746.86	3.66E-07	1.16E-07	4.83E-07	3.06E-07	8.71E-08	3.93E-07	7.25E-08	2.23E-08	9.48E-08	5.65E-08	1.07E-08	6.73E-08
6707	623877.74	4266742.93	3.62E-07	1.15E-07	4.77E-07	3.03E-07	8.61E-08	3.89E-07	7.17E-08	2.20E-08	9.37E-08	5.59E-08	1.06E-08	6.65E-08
6708	623868.7	4266739.01	3.58E-07	1.14E-07	4.71E-07	2.99E-07	8.50E-08	3.84E-07	7.08E-08	2.18E-08	9.25E-08	5.52E-08	1.05E-08	6.57E-08
6709	623859.66	4266735.08	3.53E-07	1.12E-07	4.65E-07	2.95E-07	8.40E-08	3.79E-07	6.99E-08	2.15E-08	9.14E-08	5.45E-08	1.03E-08	6.48E-08
6710	623850.63	4266731.16	3.49E-07	1.11E-07	4.59E-07	2.91E-07	8.29E-08	3.74E-07	6.90E-08	2.12E-08	9.02E-08	5.38E-08	1.02E-08	6.40E-08
6711	623841.59	4266727.23	3.44E-07	1.09E-07	4.53E-07	2.88E-07	8.18E-08	3.69E-07	6.81E-08	2.09E-08	8.91E-08	5.31E-08	1.01E-08	6.32E-08
6712	623832.55	4266723.3	3.40E-07	1.08E-07	4.47E-07	2.84E-07	8.08E-08	3.65E-07	6.72E-08	2.07E-08	8.79E-08	5.24E-08	9.95E-09	6.24E-08
6713	623823.51	4266719.38	3.35E-07	1.06E-07	4.42E-07	2.80E-07	7.97E-08	3.60E-07	6.63E-08	2.04E-08	8.67E-08	5.17E-08	9.82E-09	6.15E-08
6714	623814.47	4266715.45	3.31E-07	1.05E-07	4.36E-07	2.76E-07	7.86E-08	3.55E-07	6.55E-08	2.01E-08	8.56E-08	5.10E-08	9.69E-09	6.07E-08
6715	623805.43	4266711.53	3.26E-07	1.04E-07	4.30E-07	2.73E-07	7.76E-08	3.50E-07	6.46E-08	1.99E-08	8.45E-08	5.04E-08	9.56E-09	5.99E-08
6716	623796.39	4266707.6	3.22E-07	1.02E-07	4.24E-07	2.69E-07	7.66E-08	3.46E-07	6.37E-08	1.96E-08	8.33E-08	4.97E-08	9.44E-09	5.91E-08
6717	623787.35	4266703.68	3.18E-07	1.01E-07	4.19E-07	2.66E-07	7.56E-08	3.41E-07	6.29E-08	1.93E-08	8.22E-08	4.90E-08	9.31E-09	5.83E-08
6718	623774.67	4266690.59	3.13E-07	9.94E-08	4.12E-07	2.62E-07	7.44E-08	3.36E-07	6.19E-08	1.90E-08	8.10E-08	4.83E-08	9.17E-09	5.74E-08
6719	623771.04	4266681.43	3.12E-07	9.92E-08	4.11E-07	2.61E-07	7.42E-08	3.35E-07	6.18E-08	1.90E-08	8.08E-08	4.82E-08	9.15E-09	5.73E-08
6720	623767.41	4266672.26	3.12E-07	9.90E-08	4.11E-07	2.60E-07	7.41E-08	3.35E-07	6.17E-08	1.90E-08	8.06E-08	4.81E-08	9.13E-09	5.72E-08
6721	623763.78	4266663.1	3.11E-07	9.87E-08	4.10E-07	2.60E-07	7.39E-08	3.34E-07	6.15E-08	1.89E-08	8.05E-08	4.80E-08	9.11E-09	5.71E-08
6722	623760.15	4266653.94	3.10E-07	9.85E-08	4.09E-07	2.59E-07	7.38E-08	3.33E-07	6.14E-08	1.89E-08	8.03E-08	4.79E-08	9.09E-09	5.70E-08
6723	623756.52	4266644.78	3.10E-07	9.83E-08	4.08E-07	2.59E-07	7.36E-08	3.32E-07	6.13E-08	1.88E-08	8.01E-08	4.78E-08	9.07E-09	5.69E-08
6724	623752.88	4266635.62	3.09E-07	9.81E-08	4.07E-07	2.58E-07	7.35E-08	3.32E-07	6.12E-08	1.88E-08	8.00E-08	4.77E-08	9.06E-09	5.67E-08
6725	623749.25	4266626.45	3.08E-07	9.79E-08	4.06E-07	2.58E-07	7.33E-08	3.31E-07	6.10E-08	1.88E-08	7.98E-08	4.76E-08	9.04E-09	5.66E-08
6726	623745.62	4266617.29	3.08E-07	9.78E-08	4.06E-07	2.57E-07	7.32E-08	3.30E-07	6.09E-08	1.87E-08	7.97E-08	4.75E-08	9.02E-09	5.65E-08
6727	623741.99	4266608.13	3.07E-07	9.76E-08	4.05E-07	2.57E-07	7.30E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.00E-09	5.64E-08
6728	623738.36	4266598.97	3.07E-07	9.74E-08	4.04E-07	2.56E-07	7.29E-08	3.29E-07	6.07E-08	1.87E-08	7.94E-08	4.73E-08	8.99E-09	5.63E-08
6729	623734.73	4266589.81	3.06E-07	9.72E-08	4.03E-07	2.56E-07	7.28E-08	3.29E-07	6.06E-08	1.86E-08	7.92E-08	4.72E-08	8.97E-09	5.62E-08
6730	623731.09	4266580.64	3.06E-07	9.71E-08	4.03E-07	2.55E-07	7.27E-08	3.28E-07	6.05E-08	1.86E-08	7.91E-08	4.72E-08	8.96E-09	5.61E-08

6731	623727.46	4266571.48	3.05E-07	9.69E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.04E-08	1.86E-08	7.90E-08	4.71E-08	8.94E-09	5.60E-08
6732	623723.83	4266562.32	3.05E-07	9.68E-08	4.01E-07	2.55E-07	7.25E-08	3.27E-07	6.03E-08	1.85E-08	7.89E-08	4.70E-08	8.93E-09	5.60E-08
6733	623720.2	4266553.16	3.04E-07	9.67E-08	4.01E-07	2.54E-07	7.24E-08	3.27E-07	6.02E-08	1.85E-08	7.88E-08	4.70E-08	8.92E-09	5.59E-08
6734	623716.57	4266544	3.04E-07	9.65E-08	4.01E-07	2.54E-07	7.23E-08	3.26E-07	6.02E-08	1.85E-08	7.87E-08	4.69E-08	8.91E-09	5.58E-08
6735	623712.94	4266534.83	3.04E-07	9.65E-08	4.00E-07	2.54E-07	7.22E-08	3.26E-07	6.01E-08	1.85E-08	7.86E-08	4.69E-08	8.90E-09	5.58E-08
6736	623709.31	4266525.67	3.04E-07	9.64E-08	4.00E-07	2.54E-07	7.22E-08	3.26E-07	6.01E-08	1.85E-08	7.86E-08	4.68E-08	8.90E-09	5.57E-08
6737	623705.67	4266516.51	3.03E-07	9.64E-08	4.00E-07	2.54E-07	7.22E-08	3.26E-07	6.01E-08	1.85E-08	7.85E-08	4.68E-08	8.89E-09	5.57E-08
6738	623702.04	4266507.35	3.03E-07	9.64E-08	4.00E-07	2.54E-07	7.21E-08	3.26E-07	6.01E-08	1.85E-08	7.85E-08	4.68E-08	8.89E-09	5.57E-08
6739	623698.41	4266498.19	3.03E-07	9.64E-08	4.00E-07	2.54E-07	7.21E-08	3.26E-07	6.01E-08	1.85E-08	7.85E-08	4.68E-08	8.89E-09	5.57E-08
6740	623694.78	4266489.02	3.04E-07	9.64E-08	4.00E-07	2.54E-07	7.22E-08	3.26E-07	6.01E-08	1.85E-08	7.85E-08	4.68E-08	8.90E-09	5.57E-08
6741	623691.15	4266479.86	3.04E-07	9.65E-08	4.00E-07	2.54E-07	7.22E-08	3.26E-07	6.01E-08	1.85E-08	7.86E-08	4.69E-08	8.90E-09	5.58E-08
6742	623687.52	4266470.7	3.04E-07	9.65E-08	4.00E-07	2.54E-07	7.23E-08	3.26E-07	6.02E-08	1.85E-08	7.87E-08	4.69E-08	8.91E-09	5.58E-08
6743	623683.88	4266461.54	3.04E-07	9.66E-08	4.01E-07	2.54E-07	7.23E-08	3.27E-07	6.02E-08	1.85E-08	7.87E-08	4.70E-08	8.92E-09	5.59E-08
6744	623680.25	4266452.38	3.05E-07	9.67E-08	4.01E-07	2.55E-07	7.24E-08	3.27E-07	6.03E-08	1.85E-08	7.88E-08	4.70E-08	8.93E-09	5.59E-08
6745	623676.62	4266443.21	3.05E-07	9.69E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.04E-08	1.86E-08	7.89E-08	4.71E-08	8.94E-09	5.60E-08
6746	623672.99	4266434.05	3.05E-07	9.70E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.05E-08	1.86E-08	7.90E-08	4.71E-08	8.95E-09	5.61E-08
6747	623669.36	4266424.89	3.06E-07	9.71E-08	4.03E-07	2.56E-07	7.27E-08	3.28E-07	6.05E-08	1.86E-08	7.92E-08	4.72E-08	8.96E-09	5.62E-08
6748	623665.73	4266415.73	3.06E-07	9.73E-08	4.03E-07	2.56E-07	7.28E-08	3.29E-07	6.06E-08	1.86E-08	7.93E-08	4.73E-08	8.98E-09	5.62E-08
6749	623662.09	4266406.57	3.07E-07	9.74E-08	4.04E-07	2.56E-07	7.29E-08	3.29E-07	6.07E-08	1.87E-08	7.93E-08	4.73E-08	8.99E-09	5.63E-08
6750	623658.46	4266397.4	3.07E-07	9.74E-08	4.04E-07	2.56E-07	7.30E-08	3.29E-07	6.07E-08	1.87E-08	7.94E-08	4.73E-08	8.99E-09	5.63E-08
6751	623654.83	4266388.24	3.07E-07	9.75E-08	4.04E-07	2.57E-07	7.30E-08	3.30E-07	6.08E-08	1.87E-08	7.94E-08	4.74E-08	9.00E-09	5.64E-08
6752	623651.2	4266379.08	3.07E-07	9.75E-08	4.04E-07	2.57E-07	7.30E-08	3.30E-07	6.08E-08	1.87E-08	7.94E-08	4.74E-08	9.00E-09	5.64E-08
6753	623647.57	4266369.92	3.07E-07	9.75E-08	4.04E-07	2.57E-07	7.30E-08	3.29E-07	6.07E-08	1.87E-08	7.94E-08	4.74E-08	8.99E-09	5.63E-08
6754	623643.94	4266360.76	3.07E-07	9.74E-08	4.04E-07	2.56E-07	7.29E-08	3.29E-07	6.07E-08	1.87E-08	7.94E-08	4.73E-08	8.99E-09	5.63E-08
6755	623640.3	4266351.59	3.06E-07	9.73E-08	4.04E-07	2.56E-07	7.28E-08	3.29E-07	6.06E-08	1.86E-08	7.93E-08	4.73E-08	8.98E-09	5.62E-08
6756	623636.67	4266342.43	3.06E-07	9.71E-08	4.03E-07	2.56E-07	7.27E-08	3.28E-07	6.05E-08	1.86E-08	7.91E-08	4.72E-08	8.96E-09	5.61E-08
6757	623633.04	4266333.27	3.05E-07	9.68E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.04E-08	1.86E-08	7.89E-08	4.71E-08	8.94E-09	5.60E-08
6758	623629.41	4266324.11	3.04E-07	9.66E-08	4.01E-07	2.54E-07	7.23E-08	3.26E-07	6.02E-08	1.85E-08	7.87E-08	4.69E-08	8.91E-09	5.58E-08
6759	623625.78	4266314.95	3.03E-07	9.62E-08	3.99E-07	2.53E-07	7.20E-08	3.25E-07	6.00E-08	1.84E-08	7.84E-08	4.67E-08	8.88E-09	5.56E-08
6760	624338.78	4266943.15	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.65E-08	4.36E-07	8.03E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.45E-08
6761	624348.67	4266943.33	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.65E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
6762	624358.55	4266943.51	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.66E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
6763	624368.44	4266943.68	4.06E-07	1.29E-07	5.35E-07	3.40E-07	9.66E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
6764	624378.33	4266943.86	4.06E-07	1.29E-07	5.35E-07	3.40E-07	9.66E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
6765	624388.22	4266944.04	4.06E-07	1.29E-07	5.35E-07	3.40E-07	9.66E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
6766	624398.11	4266944.21	4.06E-07	1.29E-07	5.35E-07	3.40E-07	9.66E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
6767	624408	4266944.39	4.06E-07	1.29E-07	5.35E-07	3.40E-07	9.66E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
6768	624417.89	4266944.57	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.66E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
6769	624427.78	4266944.74	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.66E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
6770	624437.67	4266944.92	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.65E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
6771	624447.56	4266945.1	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.65E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.45E-08
6772	624457.45	4266945.27	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.65E-08	4.36E-07	8.03E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.45E-08
6773	624467.34	4266945.45	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.65E-08	4.36E-07	8.03E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.45E-08
6774	624477.22	4266945.62	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.65E-08	4.36E-07	8.03E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.45E-08
6775	624487.11	4266945.8	4.06E-07	1.29E-07	5.34E-07	3.39E-07	9.64E-08	4.35E-07	8.03E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.45E-08
6776	624497	4266945.98	4.05E-07	1.29E-07	5.34E-07	3.39E-07	9.64E-08	4.35E-07	8.02E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.44E-08
6777	624506.89	4266946.15	4.05E-07	1.29E-07	5.34E-07	3.39E-07	9.63E-08	4.35E-07	8.02E-08	2.47E-08	1.05E-07	6.25E-08	1.19E-08	7.44E-08
6778	624516.78	4266946.33	4.05E-07	1.29E-07	5.34E-07	3.38E-07	9.63E-08	4.35E-07	8.01E-08	2.46E-08	1.05E-07	6.25E-08	1.19E-08	7.43E-08
6779	624526.67	4266946.51	4.05E-07	1.28E-07	5.33E-07	3.38E-07	9.62E-08	4.34E-07	8.01E-08	2.46E-08	1.05E-07	6.24E-08	1.19E-08	7.43E-08
6780	624536.56	4266946.68	4.04E-07	1.28E-07	5.33E-07	3.38E-07	9.61E-08	4.34E-07	8.00E-08	2.46E-08	1.05E-07	6.24E-08	1.18E-08	7.42E-08
6781	624546.45	4266946.86	4.04E-07	1.28E-07	5.32E-07	3.37E-07	9.60E-08	4.33E-07	7.99E-08	2.46E-08	1.04E-07	6.23E-08	1.18E-08	7.41E-08
6782	624556.34	4266947.04	4.03E-07	1.28E-07	5.31E-07	3.37E-07	9.59E-08	4.33E-07	7.98E-08	2.45E-08	1.04E-07	6.22E-08	1.18E-08	7.40E-08
6783	624566.23	4266947.21	4.02E-07	1.28E-07	5.30E-07	3.36E-07	9.57E-08	4.32E-07	7.97E-08	2.45E-08	1.04E-07	6.21E-08	1.18E-08	7.39E-08
6784	624576.12	4266947.39	4.02E-07	1.28E-07	5.29E-07	3.36E-07	9.55E-08	4.31E-07	7.95E-08	2.44E-08	1.04E-07	6.20E-08	1.18E-08	7.37E-08
6785	624586.01	4266947.57	4.01E-07	1.27E-07	5.28E-07	3.35E-07	9.53E-08	4.30E-07	7.93E-08	2.44E-08	1.04E-07	6.18E-08	1.17E-08	7.36E-08
6786	624595.9	4266947.74	4.00E-07	1.27E-07	5.27E-07	3.34E-07	9.50E-08	4.29E-07	7.91E-08	2.43E-08	1.03E-07	6.17E-08	1.17E-08	7.34E-08
6787	624605.78	4266947.92	3.99E-07	1.27E-07	5.25E-07	3.33E-07	9.48E-08	4.28E-07	7.89E-08	2.43E-08	1.03E-07	6.15E-08	1.17E-08	7.32E-08
6788	624615.67	4266948.1	3.98E-07	1.26E-07	5.24E-07	3.32E-07	9.45E-08	4.27E-07	7.87E-08	2.42E-08	1.03E-07	6.13E-08	1.17E-08	7.30E-08
6789	624625.56	4266948.27	3.96E-07	1.26E-07	5.22E-07	3.31E-07	9.43E-08	4.26E-07	7.85E-08	2.41E-08	1.03E-07	6.12E-08	1.16E-08	7.28E-08
6790	624635.45	4266948.45	3.95E-07	1.25E-07	5.21E-07	3.30E-07	9.39E-08	4.24E-07	7.82E-08	2.40E-08	1.02E-07	6.10E-08	1.16E-08	7.25E-08
6791	624645.34	4266948.63	3.94E-07	1.25E-07	5.19E-07	3.29E-07	9.36E-08	4.23E-07	7.79E-08	2.40E-08	1.02E-07	6.07E-08	1.15E-08	7.23E-08
6792	624655.23	4266948.8	3.92E-07	1.25E-07	5.17E-07	3.28E-07	9.33E-08	4.21E-07	7.77E-08	2.39E-08	1.02E-07	6.05E-08	1.15E-08	7.20E-08
6793	624665.12	4266948.98	3.91E-07	1.24E-07	5.15E-07	3.27E-07	9.30E-08	4.20E-07	7.74E-08	2.38E-08	1.01E-07	6.03E-08	1.15E-08	7.18E-08
6794	624675.01	4266949.16	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.27E-08	4.18E-07	7.72E-08	2.37E-08	1.01E-07	6.01E-08	1.14E-08	7.16E-08
6795	624684.9	4266949.33	3.89E-07	1.23E-07	5.12E-07	3.25E-07	9.24E-08	4.17E-07	7.69E-08	2.36E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
6796	624694.79	4266949.51	3.88E-07	1.23E-07	5.11E-07	3.24E-07	9.22E-08	4.16E-07	7.67E-08	2.36E-08	1.00E-07	5.98E-08	1.14E-08	7.12E-08
6797	624704.68	4266949.69	3.87E-07	1.23E-07	5.10E-07	3.23E-07	9.20E-08	4.15E-07	7.65E-08	2.35E-08	1.00E-07	5.97E-08	1.13E-08	7.10E-08
6798	624714.57	4266949.86	3.86E-07	1.23E-07	5.08E-07	3.23E-07	9.18E-08	4.14E-07	7.64E-08	2.35E-08	9.99E-08	5.95E-08	1.13E-08	7.09E-08
6799	624724.45	4266950.04	3.85E-07	1.22E-07	5.08E-07	3.22E-07	9.16E-08	4.14E-07	7.63E-08	2.34E-08	9.97E-08	5.94E-08	1.13E-08	7.07E-08
6800	624734.34	4266950.22	3.85E-07	1.22E-07	5.07E-07	3.22E-07	9.15E-08	4.13E-07	7.62E-08	2.34E-08	9.96E-08	5.94E-08	1.13E-08	7.06E-08
6801	624744.23	4266950.39	3.84E-07	1.22E-07	5.06E-07	3.21E-07	9.14E-08	4.13E-07	7.61E-08	2.34E-08	9.95E-08	5.93E-08	1.13E-08	7.06E-08
6802	624754.12	4266950.57	3.84E-07	1.22E-07	5.06E-07	3.21E-07	9.13E-08	4.12E-07	7.60E-08	2.34E-08	9.94E-08	5.93E-08	1.13E-08	7.05E-08
6803	624764.01	4266950.75	3.84E-07	1.22E-07	5.06E-07	3.21E-07	9.12E-08	4.12E-07	7.60E-08	2.33E-08	9.93E-08	5.92E-08	1.12E-08	7.05E-08
6804	624773.9	4266950.92	3.83E-07	1.22E-07	5.05E-07	3.21E-07	9.12E-08	4.12E-07	7.59E-08	2.33E-08	9.92E-08	5.92E-08	1.12E-08	7.04E-08

6805	624783.79	4266951.1	3.83E-07	1.22E-07	5.05E-07	3.20E-07	9.11E-08	4.11E-07	7.59E-08	2.33E-08	9.92E-08	5.91E-08	1.12E-08	7.04E-08
6806	624793.68	4266951.28	3.83E-07	1.22E-07	5.05E-07	3.20E-07	9.11E-08	4.11E-07	7.58E-08	2.33E-08	9.91E-08	5.91E-08	1.12E-08	7.03E-08
6807	624803.57	4266951.45	3.83E-07	1.22E-07	5.04E-07	3.20E-07	9.10E-08	4.11E-07	7.58E-08	2.33E-08	9.91E-08	5.91E-08	1.12E-08	7.03E-08
6808	624813.46	4266951.63	3.83E-07	1.21E-07	5.04E-07	3.20E-07	9.10E-08	4.11E-07	7.57E-08	2.33E-08	9.90E-08	5.90E-08	1.12E-08	7.02E-08
6809	624823.35	4266951.81	3.82E-07	1.21E-07	5.04E-07	3.20E-07	9.09E-08	4.10E-07	7.57E-08	2.33E-08	9.89E-08	5.90E-08	1.12E-08	7.02E-08
6810	624833.24	4266951.98	3.82E-07	1.21E-07	5.03E-07	3.19E-07	9.08E-08	4.10E-07	7.56E-08	2.32E-08	9.88E-08	5.89E-08	1.12E-08	7.01E-08
6811	624327.98	4267039.22	3.50E-07	1.11E-07	4.62E-07	2.93E-07	8.33E-08	3.76E-07	6.94E-08	2.13E-08	9.07E-08	5.41E-08	1.03E-08	6.43E-08
6812	624318.98	4267035.31	3.52E-07	1.12E-07	4.64E-07	2.94E-07	8.37E-08	3.78E-07	6.97E-08	2.14E-08	9.11E-08	5.43E-08	1.03E-08	6.47E-08
6813	624309.97	4267031.4	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.41E-08	3.80E-07	7.01E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
6814	624300.96	4267027.49	3.56E-07	1.13E-07	4.69E-07	2.97E-07	8.46E-08	3.82E-07	7.04E-08	2.16E-08	9.20E-08	5.49E-08	1.04E-08	6.53E-08
6815	624291.95	4267023.58	3.57E-07	1.13E-07	4.71E-07	2.99E-07	8.49E-08	3.83E-07	7.07E-08	2.17E-08	9.24E-08	5.51E-08	1.05E-08	6.56E-08
6816	624282.95	4267019.67	3.59E-07	1.14E-07	4.72E-07	3.00E-07	8.53E-08	3.85E-07	7.10E-08	2.18E-08	9.28E-08	5.53E-08	1.05E-08	6.58E-08
6817	624273.94	4267015.75	3.60E-07	1.14E-07	4.74E-07	3.01E-07	8.56E-08	3.86E-07	7.12E-08	2.19E-08	9.31E-08	5.55E-08	1.05E-08	6.61E-08
6818	624264.93	4267011.84	3.61E-07	1.15E-07	4.76E-07	3.02E-07	8.58E-08	3.88E-07	7.15E-08	2.20E-08	9.34E-08	5.57E-08	1.06E-08	6.63E-08
6819	624255.92	4267007.93	3.62E-07	1.15E-07	4.77E-07	3.03E-07	8.61E-08	3.89E-07	7.17E-08	2.20E-08	9.38E-08	5.59E-08	1.06E-08	6.65E-08
6820	624246.92	4267004.02	3.63E-07	1.15E-07	4.79E-07	3.04E-07	8.64E-08	3.90E-07	7.19E-08	2.21E-08	9.40E-08	5.61E-08	1.07E-08	6.67E-08
6821	624237.91	4267000.11	3.64E-07	1.16E-07	4.80E-07	3.05E-07	8.66E-08	3.91E-07	7.21E-08	2.22E-08	9.43E-08	5.62E-08	1.07E-08	6.69E-08
6822	624228.9	4266996.19	3.65E-07	1.16E-07	4.81E-07	3.05E-07	8.69E-08	3.92E-07	7.23E-08	2.22E-08	9.45E-08	5.64E-08	1.07E-08	6.71E-08
6823	624219.89	4266992.28	3.66E-07	1.16E-07	4.82E-07	3.06E-07	8.70E-08	3.93E-07	7.24E-08	2.23E-08	9.47E-08	5.65E-08	1.07E-08	6.72E-08
6824	624210.88	4266988.37	3.67E-07	1.16E-07	4.83E-07	3.06E-07	8.72E-08	3.94E-07	7.26E-08	2.23E-08	9.49E-08	5.66E-08	1.07E-08	6.73E-08
6825	624201.88	4266984.46	3.67E-07	1.17E-07	4.84E-07	3.07E-07	8.73E-08	3.94E-07	7.26E-08	2.23E-08	9.50E-08	5.66E-08	1.08E-08	6.74E-08
6826	624192.87	4266980.55	3.67E-07	1.17E-07	4.84E-07	3.07E-07	8.73E-08	3.94E-07	7.27E-08	2.24E-08	9.51E-08	5.67E-08	1.08E-08	6.74E-08
6827	624183.86	4266976.64	3.68E-07	1.17E-07	4.84E-07	3.07E-07	8.74E-08	3.95E-07	7.27E-08	2.24E-08	9.51E-08	5.67E-08	1.08E-08	6.75E-08
6828	624174.85	4266972.72	3.68E-07	1.17E-07	4.84E-07	3.07E-07	8.74E-08	3.95E-07	7.28E-08	2.24E-08	9.51E-08	5.67E-08	1.08E-08	6.75E-08
6829	624165.85	4266968.81	3.68E-07	1.17E-07	4.84E-07	3.07E-07	8.74E-08	3.95E-07	7.28E-08	2.24E-08	9.51E-08	5.67E-08	1.08E-08	6.75E-08
6830	624156.84	4266964.9	3.68E-07	1.17E-07	4.84E-07	3.07E-07	8.74E-08	3.95E-07	7.27E-08	2.24E-08	9.51E-08	5.67E-08	1.08E-08	6.75E-08
6831	624147.83	4266960.99	3.67E-07	1.17E-07	4.84E-07	3.07E-07	8.74E-08	3.94E-07	7.27E-08	2.24E-08	9.51E-08	5.67E-08	1.08E-08	6.75E-08
6832	624138.82	4266957.08	3.67E-07	1.17E-07	4.84E-07	3.07E-07	8.73E-08	3.94E-07	7.27E-08	2.23E-08	9.50E-08	5.67E-08	1.08E-08	6.74E-08
6833	624129.82	4266953.16	3.67E-07	1.17E-07	4.84E-07	3.07E-07	8.73E-08	3.94E-07	7.27E-08	2.23E-08	9.50E-08	5.66E-08	1.08E-08	6.74E-08
6834	624120.81	4266949.25	3.67E-07	1.17E-07	4.83E-07	3.07E-07	8.72E-08	3.94E-07	7.26E-08	2.23E-08	9.49E-08	5.66E-08	1.08E-08	6.74E-08
6835	623742.49	4266784.96	2.85E-07	9.05E-08	3.75E-07	2.38E-07	6.77E-08	3.06E-07	5.64E-08	1.73E-08	7.37E-08	4.40E-08	8.35E-09	5.23E-08
6836	623733.48	4266781.04	2.81E-07	8.94E-08	3.71E-07	2.35E-07	6.69E-08	3.02E-07	5.57E-08	1.71E-08	7.28E-08	4.34E-08	8.25E-09	5.17E-08
6837	623724.48	4266777.13	2.78E-07	8.83E-08	3.66E-07	2.32E-07	6.61E-08	2.98E-07	5.50E-08	1.69E-08	7.19E-08	4.29E-08	8.15E-09	5.10E-08
6838	623715.47	4266773.22	2.75E-07	8.72E-08	3.62E-07	2.30E-07	6.53E-08	2.95E-07	5.44E-08	1.67E-08	7.11E-08	4.24E-08	8.05E-09	5.04E-08
6839	623702.84	4266760.18	2.71E-07	8.60E-08	3.57E-07	2.26E-07	6.44E-08	2.91E-07	5.36E-08	1.65E-08	7.01E-08	4.18E-08	7.94E-09	4.97E-08
6840	623699.22	4266751.05	2.70E-07	8.59E-08	3.56E-07	2.26E-07	6.43E-08	2.90E-07	5.35E-08	1.65E-08	7.00E-08	4.17E-08	7.92E-09	4.96E-08
6841	623695.61	4266741.92	2.70E-07	8.57E-08	3.56E-07	2.26E-07	6.42E-08	2.90E-07	5.34E-08	1.64E-08	6.98E-08	4.16E-08	7.91E-09	4.96E-08
6842	623691.99	4266732.79	2.69E-07	8.56E-08	3.55E-07	2.25E-07	6.41E-08	2.89E-07	5.33E-08	1.64E-08	6.97E-08	4.16E-08	7.90E-09	4.95E-08
6843	623688.37	4266723.66	2.69E-07	8.54E-08	3.54E-07	2.25E-07	6.40E-08	2.89E-07	5.32E-08	1.64E-08	6.96E-08	4.15E-08	7.88E-09	4.94E-08
6844	623684.75	4266714.53	2.69E-07	8.53E-08	3.54E-07	2.24E-07	6.38E-08	2.88E-07	5.31E-08	1.63E-08	6.95E-08	4.14E-08	7.87E-09	4.93E-08
6845	623681.13	4266705.4	2.68E-07	8.51E-08	3.53E-07	2.24E-07	6.37E-08	2.88E-07	5.31E-08	1.63E-08	6.94E-08	4.14E-08	7.86E-09	4.92E-08
6846	623677.51	4266696.27	2.68E-07	8.50E-08	3.53E-07	2.24E-07	6.36E-08	2.87E-07	5.30E-08	1.63E-08	6.92E-08	4.13E-08	7.84E-09	4.91E-08
6847	623673.89	4266687.14	2.67E-07	8.48E-08	3.52E-07	2.23E-07	6.35E-08	2.87E-07	5.29E-08	1.63E-08	6.91E-08	4.12E-08	7.83E-09	4.90E-08
6848	623670.28	4266678.02	2.67E-07	8.47E-08	3.51E-07	2.23E-07	6.34E-08	2.86E-07	5.28E-08	1.62E-08	6.90E-08	4.12E-08	7.82E-09	4.90E-08
6849	623666.66	4266668.89	2.66E-07	8.46E-08	3.51E-07	2.23E-07	6.33E-08	2.86E-07	5.27E-08	1.62E-08	6.89E-08	4.11E-08	7.80E-09	4.89E-08
6850	623663.04	4266659.76	2.66E-07	8.44E-08	3.50E-07	2.22E-07	6.32E-08	2.85E-07	5.26E-08	1.62E-08	6.88E-08	4.10E-08	7.79E-09	4.88E-08
6851	623659.42	4266650.63	2.65E-07	8.43E-08	3.50E-07	2.22E-07	6.31E-08	2.85E-07	5.25E-08	1.62E-08	6.87E-08	4.10E-08	7.78E-09	4.87E-08
6852	623655.8	4266641.5	2.65E-07	8.42E-08	3.49E-07	2.22E-07	6.30E-08	2.85E-07	5.25E-08	1.61E-08	6.86E-08	4.09E-08	7.77E-09	4.87E-08
6853	623652.18	4266632.37	2.65E-07	8.40E-08	3.49E-07	2.21E-07	6.29E-08	2.84E-07	5.24E-08	1.61E-08	6.85E-08	4.08E-08	7.76E-09	4.86E-08
6854	623648.56	4266623.24	2.64E-07	8.39E-08	3.48E-07	2.21E-07	6.28E-08	2.84E-07	5.23E-08	1.61E-08	6.84E-08	4.08E-08	7.75E-09	4.85E-08
6855	623644.94	4266614.11	2.64E-07	8.38E-08	3.48E-07	2.21E-07	6.28E-08	2.83E-07	5.22E-08	1.61E-08	6.83E-08	4.07E-08	7.74E-09	4.85E-08
6856	623641.33	4266604.98	2.64E-07	8.37E-08	3.47E-07	2.20E-07	6.27E-08	2.83E-07	5.22E-08	1.60E-08	6.82E-08	4.07E-08	7.73E-09	4.84E-08
6857	623637.71	4266595.85	2.63E-07	8.36E-08	3.47E-07	2.20E-07	6.26E-08	2.83E-07	5.21E-08	1.60E-08	6.81E-08	4.06E-08	7.72E-09	4.84E-08
6858	623634.09	4266586.72	2.63E-07	8.36E-08	3.47E-07	2.20E-07	6.26E-08	2.82E-07	5.21E-08	1.60E-08	6.81E-08	4.06E-08	7.71E-09	4.83E-08
6859	623630.47	4266577.59	2.63E-07	8.35E-08	3.46E-07	2.20E-07	6.25E-08	2.82E-07	5.21E-08	1.60E-08	6.81E-08	4.06E-08	7.71E-09	4.83E-08
6860	623626.85	4266568.46	2.63E-07	8.35E-08	3.46E-07	2.20E-07	6.25E-08	2.82E-07	5.20E-08	1.60E-08	6.80E-08	4.06E-08	7.70E-09	4.83E-08
6861	623623.23	4266559.34	2.63E-07	8.35E-08	3.46E-07	2.20E-07	6.25E-08	2.82E-07	5.20E-08	1.60E-08	6.80E-08	4.06E-08	7.70E-09	4.83E-08
6862	623619.61	4266550.21	2.63E-07	8.35E-08	3.46E-07	2.20E-07	6.25E-08	2.82E-07	5.20E-08	1.60E-08	6.80E-08	4.06E-08	7.70E-09	4.83E-08
6863	624336.99	4267043.14	3.49E-07	1.11E-07	4.59E-07	2.91E-07	8.29E-08	3.74E-07	6.90E-08	2.12E-08	9.02E-08	5.38E-08	1.02E-08	6.40E-08
6864	624346.88	4267043.31	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.29E-08	3.74E-07	6.90E-08	2.12E-08	9.03E-08	5.38E-08	1.02E-08	6.40E-08
6865	624356.77	4267043.49	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.30E-08	3.75E-07	6.91E-08	2.12E-08	9.03E-08	5.38E-08	1.02E-08	6.41E-08
6866	624366.66	4267043.67	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.30E-08	3.75E-07	6.91E-08	2.12E-08	9.03E-08	5.38E-08	1.02E-08	6.41E-08
6867	624376.55	4267043.84	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.30E-08	3.75E-07	6.91E-08	2.12E-08	9.03E-08	5.38E-08	1.02E-08	6.41E-08
6868	624386.44	4267044.02	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.30E-08	3.75E-07	6.91E-08	2.12E-08	9.03E-08	5.39E-08	1.02E-08	6.41E-08
6869	624396.33	4267044.2	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.30E-08	3.75E-07	6.91E-08	2.12E-08	9.03E-08	5.39E-08	1.02E-08	6.41E-08
6870	624406.21	4267044.37	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.30E-08	3.75E-07	6.91E-08	2.12E-08	9.03E-08	5.39E-08	1.02E-08	6.41E-08
6871	624416.1	4267044.55	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.30E-08	3.75E-07	6.91E-08	2.12E-08	9.03E-08	5.38E-08	1.02E-08	6.41E-08
6872	624425.99	4267044.73	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.30E-08	3.75E-07	6.91E-08	2.12E-08	9.03E-08	5.38E-08	1.02E-08	6.41E-08
6873	624435.88	4267044.9	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.29E-08	3.74E-07	6.90E-08	2.12E-08	9.03E-08	5.38E-08	1.02E-08	6.40E-08
6874	624445.77	4267045.08	3.49E-07	1.11E-07	4.59E-07	2.91E-07	8.29E-08	3.74E-07	6.90E-08	2.12E-08	9.02E-08	5.38E-08	1.02E-08	6.40E-08
6875	624455.66	4267045.26	3.48E-07	1.11E-07	4.59E-07	2.91E-07	8.28E-08	3.74E-07	6.90E-08	2.12E-08	9.02E-08	5.38E-08	1.02E-08	6.40E-08
6876	624465.55	4267045.43	3.48E-07	1.11E-07	4.59E-07	2.91E-07	8.28E-08	3.74E-07	6.89E-08	2.12E-08	9.01E-08	5.37E-08	1.02E-08	6.39E-08
6877	624475.44	4267045.61	3.48E-07	1.10E-07	4.58E-07	2.91E-07	8.27E-08	3.73E-07	6.88E-08	2.12E-08	9.00E-08	5.36E-08	1.02E-08	6.38E-08
6878	624485.33	4267045.79	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.26E-08	3.73E-07	6.87E-08	2.11E-08	8.99E-08	5.36E-08	1.02E-08	6.38E-08

6879	624495.22	4267045.96	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.24E-08	3.72E-07	6.86E-08	2.11E-08	8.97E-08	5.35E-08	1.02E-08	6.37E-08
6880	624505.11	4267046.14	3.46E-07	1.10E-07	4.56E-07	2.89E-07	8.23E-08	3.72E-07	6.85E-08	2.11E-08	8.95E-08	5.34E-08	1.01E-08	6.35E-08
6881	624515	4267046.32	3.45E-07	1.10E-07	4.55E-07	2.89E-07	8.21E-08	3.71E-07	6.83E-08	2.10E-08	8.94E-08	5.33E-08	1.01E-08	6.34E-08
6882	624524.89	4267046.49	3.44E-07	1.09E-07	4.54E-07	2.88E-07	8.19E-08	3.70E-07	6.82E-08	2.10E-08	8.91E-08	5.32E-08	1.01E-08	6.33E-08
6883	624534.77	4267046.67	3.44E-07	1.09E-07	4.53E-07	2.87E-07	8.17E-08	3.69E-07	6.80E-08	2.09E-08	8.89E-08	5.30E-08	1.01E-08	6.31E-08
6884	624544.66	4267046.85	3.43E-07	1.09E-07	4.51E-07	2.86E-07	8.15E-08	3.68E-07	6.78E-08	2.08E-08	8.87E-08	5.29E-08	1.00E-08	6.29E-08
6885	624554.55	4267047.02	3.42E-07	1.08E-07	4.50E-07	2.85E-07	8.12E-08	3.67E-07	6.76E-08	2.08E-08	8.84E-08	5.27E-08	1.00E-08	6.27E-08
6886	624564.44	4267047.2	3.40E-07	1.08E-07	4.49E-07	2.85E-07	8.09E-08	3.65E-07	6.74E-08	2.07E-08	8.81E-08	5.25E-08	9.98E-09	6.25E-08
6887	624574.33	4267047.37	3.39E-07	1.08E-07	4.47E-07	2.84E-07	8.07E-08	3.64E-07	6.71E-08	2.06E-08	8.78E-08	5.23E-08	9.94E-09	6.23E-08
6888	624584.22	4267047.55	3.38E-07	1.07E-07	4.45E-07	2.82E-07	8.04E-08	3.63E-07	6.69E-08	2.06E-08	8.75E-08	5.22E-08	9.91E-09	6.21E-08
6889	624594.11	4267047.73	3.37E-07	1.07E-07	4.44E-07	2.81E-07	8.01E-08	3.61E-07	6.66E-08	2.05E-08	8.71E-08	5.20E-08	9.87E-09	6.18E-08
6890	624604	4267047.9	3.35E-07	1.07E-07	4.42E-07	2.80E-07	7.98E-08	3.60E-07	6.64E-08	2.04E-08	8.68E-08	5.18E-08	9.83E-09	6.16E-08
6891	624613.89	4267048.08	3.34E-07	1.06E-07	4.40E-07	2.79E-07	7.94E-08	3.59E-07	6.61E-08	2.03E-08	8.65E-08	5.16E-08	9.79E-09	6.13E-08
6892	624623.78	4267048.26	3.33E-07	1.06E-07	4.39E-07	2.78E-07	7.91E-08	3.57E-07	6.59E-08	2.03E-08	8.61E-08	5.14E-08	9.75E-09	6.11E-08
6893	624633.67	4267048.43	3.32E-07	1.05E-07	4.37E-07	2.77E-07	7.89E-08	3.56E-07	6.56E-08	2.02E-08	8.58E-08	5.12E-08	9.72E-09	6.09E-08
6894	624643.56	4267048.61	3.30E-07	1.05E-07	4.35E-07	2.76E-07	7.86E-08	3.55E-07	6.54E-08	2.01E-08	8.55E-08	5.10E-08	9.69E-09	6.07E-08
6895	624653.44	4267048.79	3.29E-07	1.05E-07	4.34E-07	2.75E-07	7.83E-08	3.54E-07	6.52E-08	2.00E-08	8.52E-08	5.08E-08	9.65E-09	6.05E-08
6896	624663.33	4267048.96	3.28E-07	1.04E-07	4.33E-07	2.74E-07	7.81E-08	3.53E-07	6.50E-08	2.00E-08	8.50E-08	5.07E-08	9.62E-09	6.03E-08
6897	624673.22	4267049.14	3.27E-07	1.04E-07	4.31E-07	2.74E-07	7.79E-08	3.52E-07	6.48E-08	1.99E-08	8.47E-08	5.05E-08	9.60E-09	6.01E-08
6898	624683.11	4267049.32	3.27E-07	1.04E-07	4.30E-07	2.73E-07	7.76E-08	3.51E-07	6.46E-08	1.99E-08	8.45E-08	5.04E-08	9.57E-09	6.00E-08
6899	624693	4267049.49	3.26E-07	1.03E-07	4.29E-07	2.72E-07	7.75E-08	3.50E-07	6.45E-08	1.98E-08	8.43E-08	5.03E-08	9.55E-09	5.98E-08
6900	624702.89	4267049.67	3.25E-07	1.03E-07	4.28E-07	2.72E-07	7.73E-08	3.49E-07	6.43E-08	1.98E-08	8.41E-08	5.02E-08	9.53E-09	5.97E-08
6901	624712.78	4267049.85	3.24E-07	1.03E-07	4.27E-07	2.71E-07	7.71E-08	3.48E-07	6.42E-08	1.97E-08	8.40E-08	5.01E-08	9.51E-09	5.96E-08
6902	624722.67	4267050.02	3.24E-07	1.03E-07	4.27E-07	2.71E-07	7.70E-08	3.48E-07	6.41E-08	1.97E-08	8.38E-08	5.00E-08	9.49E-09	5.95E-08
6903	624732.56	4267050.2	3.24E-07	1.03E-07	4.26E-07	2.70E-07	7.69E-08	3.47E-07	6.40E-08	1.97E-08	8.37E-08	4.99E-08	9.48E-09	5.94E-08
6904	624742.45	4267050.38	3.23E-07	1.03E-07	4.26E-07	2.70E-07	7.69E-08	3.47E-07	6.40E-08	1.97E-08	8.37E-08	4.99E-08	9.47E-09	5.94E-08
6905	624752.34	4267050.55	3.23E-07	1.03E-07	4.26E-07	2.70E-07	7.68E-08	3.47E-07	6.39E-08	1.97E-08	8.36E-08	4.98E-08	9.47E-09	5.93E-08
6906	624762.23	4267050.73	3.23E-07	1.03E-07	4.25E-07	2.70E-07	7.68E-08	3.47E-07	6.39E-08	1.96E-08	8.36E-08	4.98E-08	9.46E-09	5.93E-08
6907	624772.12	4267050.91	3.23E-07	1.03E-07	4.25E-07	2.70E-07	7.67E-08	3.47E-07	6.39E-08	1.96E-08	8.35E-08	4.98E-08	9.46E-09	5.93E-08
6908	624782	4267051.08	3.23E-07	1.02E-07	4.25E-07	2.70E-07	7.67E-08	3.46E-07	6.39E-08	1.96E-08	8.35E-08	4.98E-08	9.46E-09	5.93E-08
6909	624791.89	4267051.26	3.23E-07	1.02E-07	4.25E-07	2.70E-07	7.67E-08	3.46E-07	6.39E-08	1.96E-08	8.35E-08	4.98E-08	9.46E-09	5.93E-08
6910	624801.78	4267051.44	3.23E-07	1.02E-07	4.25E-07	2.70E-07	7.67E-08	3.46E-07	6.39E-08	1.96E-08	8.35E-08	4.98E-08	9.46E-09	5.92E-08
6911	624811.67	4267051.61	3.23E-07	1.02E-07	4.25E-07	2.70E-07	7.67E-08	3.46E-07	6.39E-08	1.96E-08	8.35E-08	4.98E-08	9.46E-09	5.92E-08
6912	624821.56	4267051.79	3.23E-07	1.02E-07	4.25E-07	2.70E-07	7.67E-08	3.46E-07	6.39E-08	1.96E-08	8.35E-08	4.98E-08	9.46E-09	5.92E-08
6913	624831.45	4267051.97	3.23E-07	1.02E-07	4.25E-07	2.70E-07	7.67E-08	3.46E-07	6.39E-08	1.96E-08	8.35E-08	4.98E-08	9.46E-09	5.92E-08
6914	624326.22	4267139.22	3.06E-07	9.72E-08	4.03E-07	2.56E-07	7.28E-08	3.29E-07	6.06E-08	1.86E-08	7.92E-08	4.73E-08	8.98E-09	5.62E-08
6915	624317.24	4267135.32	3.08E-07	9.77E-08	4.05E-07	2.57E-07	7.31E-08	3.30E-07	6.09E-08	1.87E-08	7.96E-08	4.75E-08	9.01E-09	5.65E-08
6916	624308.26	4267131.42	3.09E-07	9.81E-08	4.07E-07	2.58E-07	7.34E-08	3.32E-07	6.11E-08	1.88E-08	7.99E-08	4.76E-08	9.05E-09	5.67E-08
6917	624299.28	4267127.52	3.10E-07	9.85E-08	4.09E-07	2.59E-07	7.37E-08	3.33E-07	6.14E-08	1.89E-08	8.02E-08	4.78E-08	9.09E-09	5.69E-08
6918	624290.3	4267123.62	3.11E-07	9.89E-08	4.10E-07	2.60E-07	7.40E-08	3.34E-07	6.16E-08	1.89E-08	8.06E-08	4.80E-08	9.12E-09	5.72E-08
6919	624281.31	4267119.72	3.12E-07	9.92E-08	4.12E-07	2.61E-07	7.43E-08	3.35E-07	6.19E-08	1.90E-08	8.09E-08	4.82E-08	9.16E-09	5.74E-08
6920	624272.33	4267115.82	3.14E-07	9.96E-08	4.13E-07	2.62E-07	7.46E-08	3.37E-07	6.21E-08	1.91E-08	8.11E-08	4.84E-08	9.19E-09	5.76E-08
6921	624263.35	4267111.92	3.15E-07	9.99E-08	4.14E-07	2.63E-07	7.48E-08	3.38E-07	6.23E-08	1.91E-08	8.14E-08	4.85E-08	9.22E-09	5.78E-08
6922	624254.37	4267108.01	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.50E-08	3.39E-07	6.24E-08	1.92E-08	8.16E-08	4.87E-08	9.25E-09	5.79E-08
6923	624245.39	4267104.11	3.16E-07	1.00E-07	4.17E-07	2.64E-07	7.52E-08	3.40E-07	6.26E-08	1.93E-08	8.19E-08	4.88E-08	9.27E-09	5.81E-08
6924	624236.4	4267100.21	3.17E-07	1.01E-07	4.18E-07	2.65E-07	7.54E-08	3.41E-07	6.28E-08	1.93E-08	8.21E-08	4.89E-08	9.30E-09	5.82E-08
6925	624227.42	4267096.31	3.18E-07	1.01E-07	4.19E-07	2.66E-07	7.56E-08	3.41E-07	6.29E-08	1.93E-08	8.23E-08	4.91E-08	9.32E-09	5.84E-08
6926	624218.44	4267092.41	3.19E-07	1.01E-07	4.20E-07	2.66E-07	7.58E-08	3.42E-07	6.31E-08	1.94E-08	8.25E-08	4.92E-08	9.34E-09	5.85E-08
6927	624209.46	4267088.51	3.19E-07	1.01E-07	4.21E-07	2.67E-07	7.59E-08	3.43E-07	6.32E-08	1.94E-08	8.26E-08	4.93E-08	9.36E-09	5.86E-08
6928	624200.48	4267084.61	3.20E-07	1.02E-07	4.21E-07	2.67E-07	7.60E-08	3.43E-07	6.33E-08	1.95E-08	8.27E-08	4.93E-08	9.37E-09	5.87E-08
6929	624191.49	4267080.71	3.20E-07	1.02E-07	4.22E-07	2.68E-07	7.61E-08	3.44E-07	6.34E-08	1.95E-08	8.28E-08	4.94E-08	9.38E-09	5.88E-08
6930	624182.51	4267076.81	3.20E-07	1.02E-07	4.22E-07	2.68E-07	7.62E-08	3.44E-07	6.34E-08	1.95E-08	8.29E-08	4.94E-08	9.39E-09	5.88E-08
6931	624173.53	4267072.91	3.21E-07	1.02E-07	4.22E-07	2.68E-07	7.62E-08	3.44E-07	6.35E-08	1.95E-08	8.30E-08	4.95E-08	9.40E-09	5.89E-08
6932	624164.55	4267069.01	3.21E-07	1.02E-07	4.23E-07	2.68E-07	7.63E-08	3.44E-07	6.35E-08	1.95E-08	8.30E-08	4.95E-08	9.40E-09	5.89E-08
6933	624335.2	4267143.12	3.05E-07	9.68E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.04E-08	1.86E-08	7.89E-08	4.71E-08	8.94E-09	5.60E-08
6934	624345.09	4267143.3	3.05E-07	9.69E-08	4.02E-07	2.55E-07	7.25E-08	3.28E-07	6.04E-08	1.86E-08	7.89E-08	4.71E-08	8.94E-09	5.60E-08
6935	624354.98	4267143.47	3.05E-07	9.69E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.04E-08	1.86E-08	7.90E-08	4.71E-08	8.94E-09	5.60E-08
6936	624364.87	4267143.65	3.05E-07	9.69E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.04E-08	1.86E-08	7.90E-08	4.71E-08	8.95E-09	5.61E-08
6937	624374.76	4267143.83	3.05E-07	9.70E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.04E-08	1.86E-08	7.90E-08	4.71E-08	8.95E-09	5.61E-08
6938	624384.65	4267144	3.05E-07	9.70E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.04E-08	1.86E-08	7.90E-08	4.71E-08	8.95E-09	5.61E-08
6939	624394.54	4267144.18	3.05E-07	9.70E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.04E-08	1.86E-08	7.90E-08	4.71E-08	8.95E-09	5.61E-08
6940	624404.43	4267144.36	3.05E-07	9.69E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.04E-08	1.86E-08	7.90E-08	4.71E-08	8.95E-09	5.61E-08
6941	624414.32	4267144.53	3.05E-07	9.69E-08	4.02E-07	2.55E-07	7.26E-08	3.28E-07	6.04E-08	1.86E-08	7.90E-08	4.71E-08	8.94E-09	5.60E-08
6942	624424.21	4267144.71	3.05E-07	9.68E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.04E-08	1.86E-08	7.89E-08	4.71E-08	8.94E-09	5.60E-08
6943	624434.1	4267144.89	3.05E-07	9.68E-08	4.01E-07	2.55E-07	7.24E-08	3.27E-07	6.03E-08	1.85E-08	7.88E-08	4.70E-08	8.93E-09	5.59E-08
6944	624443.99	4267145.06	3.04E-07	9.66E-08	4.01E-07	2.54E-07	7.24E-08	3.27E-07	6.02E-08	1.85E-08	7.88E-08	4.70E-08	8.92E-09	5.59E-08
6945	624453.88	4267145.24	3.04E-07	9.65E-08	4.00E-07	2.54E-07	7.22E-08	3.26E-07	6.01E-08	1.85E-08	7.86E-08	4.69E-08	8.91E-09	5.58E-08
6946	624463.76	4267145.42	3.03E-07	9.63E-08	4.00E-07	2.53E-07	7.21E-08	3.26E-07	6.00E-08	1.85E-08	7.85E-08	4.68E-08	8.89E-09	5.57E-08
6947	624473.65	4267145.59	3.03E-07	9.61E-08	3.99E-07	2.53E-07	7.20E-08	3.25E-07	5.99E-08	1.84E-08	7.83E-08	4.67E-08	8.87E-09	5.56E-08
6948	624483.54	4267145.77	3.02E-07	9.58E-08	3.98E-07	2.52E-07	7.18E-08	3.24E-07	5.97E-08	1.84E-08	7.81E-08	4.66E-08	8.85E-09	5.54E-08
6949	624493.43	4267145.95	3.01E-07	9.56E-08	3.97E-07	2.52E-07	7.16E-08	3.23E-07	5.96E-08	1.83E-08	7.79E-08	4.64E-08	8.82E-09	5.53E-08
6950	624503.32	4267146.12	3.00E-07	9.53E-08	3.95E-07	2.51E-07	7.13E-08	3.22E-07	5.94E-08	1.83E-08	7.76E-08	4.63E-08	8.79E-09	5.51E-08
6951	624513.21	4267146.3	2.99E-07	9.49E-08	3.94E-07	2.50E-07	7.11E-08	3.21E-07	5.92E-08	1.82E-08	7.74E-08	4.61E-08	8.76E-09	5.49E-08
6952	624523.1	4267146.48	2.98E-07	9.46E-08	3.92E-07	2.49E-07	7.08E-08	3.20E-07	5.89E-08	1.81E-08	7.71E-08	4.59E-08	8.73E-09	5.47E-08

6953	624532.99	4267146.65	2.97E-07	9.42E-08	3.91E-07	2.48E-07	7.05E-08	3.18E-07	5.87E-08	1.80E-08	7.67E-08	4.58E-08	8.69E-09	5.44E-08
6954	624542.88	4267146.83	2.95E-07	9.38E-08	3.89E-07	2.47E-07	7.02E-08	3.17E-07	5.84E-08	1.80E-08	7.64E-08	4.56E-08	8.65E-09	5.42E-08
6955	624552.77	4267147.01	2.94E-07	9.33E-08	3.87E-07	2.46E-07	6.99E-08	3.16E-07	5.82E-08	1.79E-08	7.61E-08	4.54E-08	8.62E-09	5.40E-08
6956	624562.66	4267147.18	2.93E-07	9.29E-08	3.86E-07	2.45E-07	6.96E-08	3.14E-07	5.79E-08	1.78E-08	7.57E-08	4.51E-08	8.58E-09	5.37E-08
6957	624572.55	4267147.36	2.91E-07	9.25E-08	3.84E-07	2.43E-07	6.93E-08	3.13E-07	5.76E-08	1.77E-08	7.54E-08	4.49E-08	8.54E-09	5.35E-08
6958	624582.43	4267147.54	2.90E-07	9.21E-08	3.82E-07	2.42E-07	6.89E-08	3.11E-07	5.74E-08	1.76E-08	7.50E-08	4.47E-08	8.50E-09	5.32E-08
6959	624592.32	4267147.71	2.89E-07	9.16E-08	3.80E-07	2.41E-07	6.86E-08	3.10E-07	5.71E-08	1.76E-08	7.47E-08	4.45E-08	8.46E-09	5.30E-08
6960	624602.21	4267147.89	2.87E-07	9.12E-08	3.79E-07	2.40E-07	6.83E-08	3.08E-07	5.69E-08	1.75E-08	7.43E-08	4.43E-08	8.42E-09	5.27E-08
6961	624612.1	4267148.07	2.86E-07	9.08E-08	3.77E-07	2.39E-07	6.80E-08	3.07E-07	5.66E-08	1.74E-08	7.40E-08	4.41E-08	8.38E-09	5.25E-08
6962	624621.99	4267148.24	2.85E-07	9.05E-08	3.75E-07	2.38E-07	6.77E-08	3.06E-07	5.64E-08	1.73E-08	7.37E-08	4.40E-08	8.35E-09	5.23E-08
6963	624631.88	4267148.42	2.84E-07	9.01E-08	3.74E-07	2.37E-07	6.75E-08	3.05E-07	5.62E-08	1.73E-08	7.34E-08	4.38E-08	8.32E-09	5.21E-08
6964	624641.77	4267148.6	2.83E-07	8.98E-08	3.72E-07	2.36E-07	6.72E-08	3.03E-07	5.59E-08	1.72E-08	7.31E-08	4.36E-08	8.28E-09	5.19E-08
6965	624651.66	4267148.77	2.82E-07	8.94E-08	3.71E-07	2.35E-07	6.70E-08	3.02E-07	5.58E-08	1.71E-08	7.29E-08	4.35E-08	8.26E-09	5.17E-08
6966	624661.55	4267148.95	2.81E-07	8.92E-08	3.70E-07	2.35E-07	6.68E-08	3.01E-07	5.56E-08	1.71E-08	7.27E-08	4.33E-08	8.23E-09	5.16E-08
6967	624671.44	4267149.12	2.80E-07	8.89E-08	3.69E-07	2.34E-07	6.66E-08	3.01E-07	5.54E-08	1.70E-08	7.25E-08	4.32E-08	8.21E-09	5.14E-08
6968	624681.33	4267149.3	2.79E-07	8.87E-08	3.68E-07	2.33E-07	6.64E-08	3.00E-07	5.53E-08	1.70E-08	7.23E-08	4.31E-08	8.18E-09	5.13E-08
6969	624691.22	4267149.48	2.79E-07	8.85E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.21E-08	4.30E-08	8.17E-09	5.12E-08
6970	624701.11	4267149.65	2.78E-07	8.83E-08	3.66E-07	2.32E-07	6.61E-08	2.99E-07	5.51E-08	1.69E-08	7.20E-08	4.29E-08	8.15E-09	5.11E-08
6971	624710.99	4267149.83	2.78E-07	8.82E-08	3.66E-07	2.32E-07	6.60E-08	2.98E-07	5.50E-08	1.69E-08	7.19E-08	4.28E-08	8.14E-09	5.10E-08
6972	624720.88	4267150.01	2.77E-07	8.81E-08	3.65E-07	2.32E-07	6.60E-08	2.98E-07	5.49E-08	1.69E-08	7.18E-08	4.28E-08	8.13E-09	5.09E-08
6973	624730.77	4267150.18	2.77E-07	8.80E-08	3.65E-07	2.32E-07	6.59E-08	2.98E-07	5.49E-08	1.69E-08	7.17E-08	4.28E-08	8.12E-09	5.09E-08
6974	624740.66	4267150.36	2.77E-07	8.80E-08	3.65E-07	2.32E-07	6.59E-08	2.97E-07	5.48E-08	1.69E-08	7.17E-08	4.27E-08	8.12E-09	5.09E-08
6975	624750.55	4267150.54	2.77E-07	8.79E-08	3.65E-07	2.31E-07	6.58E-08	2.97E-07	5.48E-08	1.68E-08	7.16E-08	4.27E-08	8.11E-09	5.08E-08
6976	624760.44	4267150.71	2.77E-07	8.79E-08	3.65E-07	2.31E-07	6.58E-08	2.97E-07	5.48E-08	1.68E-08	7.16E-08	4.27E-08	8.11E-09	5.08E-08
6977	624770.33	4267150.89	2.77E-07	8.79E-08	3.64E-07	2.31E-07	6.58E-08	2.97E-07	5.48E-08	1.68E-08	7.16E-08	4.27E-08	8.11E-09	5.08E-08
6978	624780.22	4267151.07	2.77E-07	8.78E-08	3.64E-07	2.31E-07	6.58E-08	2.97E-07	5.47E-08	1.68E-08	7.16E-08	4.27E-08	8.11E-09	5.08E-08
6979	624790.11	4267151.24	2.77E-07	8.78E-08	3.64E-07	2.31E-07	6.58E-08	2.97E-07	5.47E-08	1.68E-08	7.16E-08	4.27E-08	8.11E-09	5.08E-08
6980	624800	4267151.42	2.77E-07	8.78E-08	3.64E-07	2.31E-07	6.58E-08	2.97E-07	5.47E-08	1.68E-08	7.16E-08	4.27E-08	8.11E-09	5.08E-08
6981	624809.89	4267151.6	2.77E-07	8.78E-08	3.64E-07	2.31E-07	6.58E-08	2.97E-07	5.47E-08	1.68E-08	7.16E-08	4.27E-08	8.11E-09	5.08E-08
6982	624819.78	4267151.77	2.77E-07	8.79E-08	3.64E-07	2.31E-07	6.58E-08	2.97E-07	5.48E-08	1.68E-08	7.16E-08	4.27E-08	8.11E-09	5.08E-08
6983	624829.66	4267151.95	2.77E-07	8.79E-08	3.65E-07	2.31E-07	6.58E-08	2.97E-07	5.48E-08	1.68E-08	7.16E-08	4.27E-08	8.11E-09	5.08E-08
6984	624070.49	4267128.92	2.83E-07	8.98E-08	3.73E-07	2.36E-07	6.72E-08	3.04E-07	5.60E-08	1.72E-08	7.32E-08	4.36E-08	8.29E-09	5.19E-08
6985	624061.43	4267124.98	2.83E-07	8.98E-08	3.73E-07	2.36E-07	6.73E-08	3.04E-07	5.60E-08	1.72E-08	7.32E-08	4.36E-08	8.29E-09	5.19E-08
6986	624052.36	4267121.05	2.83E-07	8.99E-08	3.73E-07	2.37E-07	6.73E-08	3.04E-07	5.60E-08	1.72E-08	7.32E-08	4.37E-08	8.30E-09	5.20E-08
6987	624043.29	4267117.11	2.83E-07	9.00E-08	3.73E-07	2.37E-07	6.74E-08	3.04E-07	5.61E-08	1.72E-08	7.33E-08	4.37E-08	8.30E-09	5.20E-08
6988	624034.23	4267113.17	2.84E-07	9.01E-08	3.74E-07	2.37E-07	6.74E-08	3.04E-07	5.61E-08	1.73E-08	7.34E-08	4.38E-08	8.31E-09	5.21E-08
6989	624025.16	4267109.23	2.84E-07	9.02E-08	3.74E-07	2.37E-07	6.75E-08	3.05E-07	5.62E-08	1.73E-08	7.35E-08	4.38E-08	8.32E-09	5.21E-08
6990	624016.09	4267105.3	2.84E-07	9.03E-08	3.75E-07	2.38E-07	6.76E-08	3.05E-07	5.63E-08	1.73E-08	7.36E-08	4.39E-08	8.34E-09	5.22E-08
6991	624007.03	4267101.36	2.85E-07	9.05E-08	3.75E-07	2.38E-07	6.77E-08	3.06E-07	5.64E-08	1.73E-08	7.37E-08	4.40E-08	8.35E-09	5.23E-08
6992	623997.96	4267097.42	2.85E-07	9.06E-08	3.76E-07	2.39E-07	6.79E-08	3.06E-07	5.65E-08	1.74E-08	7.39E-08	4.40E-08	8.36E-09	5.24E-08
6993	623988.9	4267093.48	2.86E-07	9.08E-08	3.77E-07	2.39E-07	6.80E-08	3.07E-07	5.66E-08	1.74E-08	7.40E-08	4.41E-08	8.38E-09	5.25E-08
6994	623979.83	4267089.55	2.86E-07	9.10E-08	3.77E-07	2.39E-07	6.81E-08	3.08E-07	5.67E-08	1.74E-08	7.41E-08	4.42E-08	8.40E-09	5.26E-08
6995	623970.76	4267085.61	2.87E-07	9.11E-08	3.78E-07	2.40E-07	6.82E-08	3.08E-07	5.68E-08	1.75E-08	7.43E-08	4.43E-08	8.41E-09	5.27E-08
6996	623961.7	4267081.67	2.87E-07	9.13E-08	3.79E-07	2.40E-07	6.83E-08	3.09E-07	5.69E-08	1.75E-08	7.44E-08	4.43E-08	8.42E-09	5.28E-08
6997	623952.63	4267077.73	2.88E-07	9.14E-08	3.79E-07	2.40E-07	6.84E-08	3.09E-07	5.69E-08	1.75E-08	7.45E-08	4.44E-08	8.43E-09	5.28E-08
6998	623943.56	4267073.8	2.88E-07	9.14E-08	3.79E-07	2.41E-07	6.85E-08	3.09E-07	5.70E-08	1.75E-08	7.45E-08	4.44E-08	8.44E-09	5.29E-08
6999	623934.5	4267069.86	2.88E-07	9.15E-08	3.80E-07	2.41E-07	6.85E-08	3.09E-07	5.70E-08	1.75E-08	7.46E-08	4.45E-08	8.44E-09	5.29E-08
7000	623925.43	4267065.92	2.88E-07	9.15E-08	3.80E-07	2.41E-07	6.85E-08	3.09E-07	5.70E-08	1.75E-08	7.46E-08	4.45E-08	8.45E-09	5.29E-08
7001	623916.36	4267061.98	2.88E-07	9.15E-08	3.80E-07	2.41E-07	6.85E-08	3.09E-07	5.70E-08	1.75E-08	7.46E-08	4.45E-08	8.45E-09	5.29E-08
7002	623907.3	4267058.05	2.88E-07	9.15E-08	3.80E-07	2.41E-07	6.85E-08	3.09E-07	5.70E-08	1.75E-08	7.46E-08	4.45E-08	8.44E-09	5.29E-08
7003	623898.23	4267054.11	2.88E-07	9.14E-08	3.79E-07	2.41E-07	6.84E-08	3.09E-07	5.70E-08	1.75E-08	7.45E-08	4.44E-08	8.44E-09	5.28E-08
7004	623889.17	4267050.17	2.87E-07	9.13E-08	3.79E-07	2.40E-07	6.83E-08	3.09E-07	5.69E-08	1.75E-08	7.44E-08	4.43E-08	8.42E-09	5.28E-08
7005	623880.1	4267046.23	2.87E-07	9.11E-08	3.78E-07	2.40E-07	6.82E-08	3.08E-07	5.68E-08	1.75E-08	7.42E-08	4.43E-08	8.41E-09	5.27E-08
7006	623871.03	4267042.3	2.86E-07	9.09E-08	3.77E-07	2.39E-07	6.80E-08	3.07E-07	5.66E-08	1.74E-08	7.40E-08	4.41E-08	8.39E-09	5.25E-08
7007	623861.97	4267038.36	2.85E-07	9.06E-08	3.76E-07	2.38E-07	6.78E-08	3.06E-07	5.64E-08	1.74E-08	7.38E-08	4.40E-08	8.36E-09	5.24E-08
7008	623852.9	4267034.42	2.84E-07	9.02E-08	3.74E-07	2.37E-07	6.76E-08	3.05E-07	5.62E-08	1.73E-08	7.35E-08	4.38E-08	8.33E-09	5.22E-08
7009	623843.83	4267030.49	2.83E-07	8.98E-08	3.73E-07	2.36E-07	6.73E-08	3.04E-07	5.60E-08	1.72E-08	7.32E-08	4.37E-08	8.29E-09	5.19E-08
7010	623834.77	4267026.55	2.82E-07	8.94E-08	3.71E-07	2.35E-07	6.69E-08	3.02E-07	5.57E-08	1.71E-08	7.29E-08	4.34E-08	8.25E-09	5.17E-08
7011	624620.21	4267248.23	2.47E-07	7.86E-08	3.26E-07	2.07E-07	5.88E-08	2.66E-07	4.90E-08	1.51E-08	6.40E-08	3.82E-08	7.25E-09	4.54E-08
7012	624630.1	4267248.4	2.46E-07	7.83E-08	3.25E-07	2.06E-07	5.86E-08	2.65E-07	4.88E-08	1.50E-08	6.38E-08	3.80E-08	7.22E-09	4.53E-08
7013	624639.98	4267248.58	2.46E-07	7.80E-08	3.24E-07	2.05E-07	5.84E-08	2.64E-07	4.86E-08	1.49E-08	6.36E-08	3.79E-08	7.20E-09	4.51E-08
7014	624649.87	4267248.76	2.45E-07	7.77E-08	3.22E-07	2.05E-07	5.82E-08	2.63E-07	4.84E-08	1.49E-08	6.33E-08	3.78E-08	7.17E-09	4.49E-08
7015	624659.76	4267248.93	2.44E-07	7.75E-08	3.21E-07	2.04E-07	5.80E-08	2.62E-07	4.83E-08	1.48E-08	6.31E-08	3.77E-08	7.15E-09	4.48E-08
7016	624669.65	4267249.11	2.43E-07	7.73E-08	3.21E-07	2.03E-07	5.79E-08	2.61E-07	4.82E-08	1.48E-08	6.30E-08	3.76E-08	7.13E-09	4.47E-08
7017	624679.54	4267249.29	2.43E-07	7.71E-08	3.20E-07	2.03E-07	5.77E-08	2.61E-07	4.81E-08	1.48E-08	6.28E-08	3.75E-08	7.12E-09	4.46E-08
7018	624689.43	4267249.46	2.42E-07	7.70E-08	3.19E-07	2.03E-07	5.76E-08	2.60E-07	4.80E-08	1.47E-08	6.27E-08	3.74E-08	7.10E-09	4.45E-08
7019	624699.32	4267249.64	2.42E-07	7.68E-08	3.19E-07	2.02E-07	5.75E-08	2.60E-07	4.79E-08	1.47E-08	6.26E-08	3.73E-08	7.09E-09	4.44E-08
7020	624709.21	4267249.82	2.42E-07	7.67E-08	3.18E-07	2.02E-07	5.74E-08	2.59E-07	4.78E-08	1.47E-08	6.25E-08	3.73E-08	7.08E-09	4.44E-08
7021	624719.1	4267249.99	2.41E-07	7.66E-08	3.18E-07	2.02E-07	5.74E-08	2.59E-07	4.78E-08	1.47E-08	6.24E-08	3.72E-08	7.07E-09	4.43E-08
7022	624728.99	4267250.17	2.41E-07	7.66E-08	3.18E-07	2.01E-07	5.73E-08	2.59E-07	4.77E-08	1.47E-08	6.24E-08	3.72E-08	7.07E-09	4.43E-08
7023	624738.88	4267250.35	2.41E-07	7.65E-08	3.17E-07	2.01E-07	5.73E-08	2.59E-07	4.77E-08	1.47E-08	6.23E-08	3.72E-08	7.06E-09	4.42E-08
7024	624748.77	4267250.52	2.41E-07	7.65E-08	3.17E-07	2.01E-07	5.72E-08	2.58E-07	4.77E-08	1.47E-08	6.23E-08	3.72E-08	7.06E-09	4.42E-08
7025	624758.66	4267250.7	2.41E-07	7.65E-08	3.17E-07	2.01E-07	5.72E-08	2.58E-07	4.76E-08	1.46E-08	6.23E-08	3.71E-08	7.06E-09	4.42E-08
7026	624768.54	4267250.88	2.41E-07	7.65E-08	3.17E-07	2.01E-07	5.72E-08	2.58E-07	4.76E-08	1.46E-08	6.23E-08	3.71E-08	7.06E-09	4.42E-08

7027	624778.43	4267251.05	2.41E-07	7.65E-08	3.17E-07	2.01E-07	5.72E-08	2.58E-07	4.76E-08	1.46E-08	6.23E-08	3.71E-08	7.06E-09	4.42E-08
7028	624788.32	4267251.23	2.41E-07	7.64E-08	3.17E-07	2.01E-07	5.72E-08	2.58E-07	4.76E-08	1.46E-08	6.23E-08	3.71E-08	7.05E-09	4.42E-08
7029	624798.21	4267251.4	2.41E-07	7.64E-08	3.17E-07	2.01E-07	5.72E-08	2.58E-07	4.76E-08	1.46E-08	6.23E-08	3.71E-08	7.05E-09	4.42E-08
7030	624808.1	4267251.58	2.41E-07	7.64E-08	3.17E-07	2.01E-07	5.72E-08	2.58E-07	4.76E-08	1.46E-08	6.23E-08	3.71E-08	7.05E-09	4.42E-08
7031	624817.99	4267251.76	2.41E-07	7.64E-08	3.17E-07	2.01E-07	5.72E-08	2.58E-07	4.76E-08	1.46E-08	6.23E-08	3.71E-08	7.05E-09	4.42E-08
7032	624827.88	4267251.93	2.41E-07	7.65E-08	3.17E-07	2.01E-07	5.72E-08	2.58E-07	4.76E-08	1.46E-08	6.23E-08	3.71E-08	7.06E-09	4.42E-08
7033	624867.68	4266142.51	3.44E-06	1.09E-06	4.53E-06	2.87E-06	8.17E-07	3.69E-06	6.80E-07	2.09E-07	8.90E-07	5.30E-07	1.01E-07	6.31E-07
7034	624867.84	4266132.57	3.52E-06	1.12E-06	4.64E-06	2.95E-06	8.38E-07	3.78E-06	6.98E-07	2.14E-07	9.12E-07	5.44E-07	1.03E-07	6.47E-07
7035	624868.01	4266122.64	3.62E-06	1.15E-06	4.76E-06	3.02E-06	8.60E-07	3.88E-06	7.16E-07	2.20E-07	9.36E-07	5.58E-07	1.06E-07	6.64E-07
7036	624868.17	4266112.71	3.71E-06	1.18E-06	4.89E-06	3.10E-06	8.82E-07	3.98E-06	7.35E-07	2.26E-07	9.60E-07	5.73E-07	1.09E-07	6.81E-07
7037	624868.33	4266102.77	3.81E-06	1.21E-06	5.02E-06	3.18E-06	9.06E-07	4.09E-06	7.54E-07	2.32E-07	9.86E-07	5.88E-07	1.12E-07	6.99E-07
7038	624868.5	4266092.84	3.91E-06	1.24E-06	5.15E-06	3.26E-06	9.29E-07	4.19E-06	7.73E-07	2.38E-07	1.01E-06	6.03E-07	1.14E-07	7.17E-07
7039	624868.66	4266082.91	4.00E-06	1.27E-06	5.27E-06	3.34E-06	9.51E-07	4.30E-06	7.92E-07	2.43E-07	1.04E-06	6.17E-07	1.17E-07	7.35E-07
7040	624868.83	4266072.97	4.09E-06	1.30E-06	5.39E-06	3.42E-06	9.73E-07	4.39E-06	8.10E-07	2.49E-07	1.06E-06	6.32E-07	1.20E-07	7.51E-07
7041	624868.99	4266063.04	4.18E-06	1.33E-06	5.51E-06	3.49E-06	9.94E-07	4.49E-06	8.27E-07	2.54E-07	1.08E-06	6.45E-07	1.23E-07	7.68E-07
7042	624869.15	4266053.11	4.26E-06	1.35E-06	5.62E-06	3.56E-06	1.01E-06	4.58E-06	8.44E-07	2.59E-07	1.10E-06	6.58E-07	1.25E-07	7.83E-07
7043	624869.32	4266043.17	4.34E-06	1.38E-06	5.72E-06	3.63E-06	1.03E-06	4.66E-06	8.59E-07	2.64E-07	1.12E-06	6.70E-07	1.27E-07	7.97E-07
7044	624869.48	4266033.24	4.42E-06	1.40E-06	5.82E-06	3.69E-06	1.05E-06	4.74E-06	8.74E-07	2.69E-07	1.14E-06	6.81E-07	1.29E-07	8.11E-07
7045	624869.64	4266023.31	4.48E-06	1.42E-06	5.91E-06	3.75E-06	1.07E-06	4.81E-06	8.87E-07	2.73E-07	1.16E-06	6.92E-07	1.31E-07	8.23E-07
7046	624869.81	4266013.37	4.54E-06	1.44E-06	5.99E-06	3.80E-06	1.08E-06	4.88E-06	9.00E-07	2.77E-07	1.18E-06	7.01E-07	1.33E-07	8.34E-07
7047	624869.97	4266003.44	4.59E-06	1.46E-06	6.05E-06	3.84E-06	1.09E-06	4.93E-06	9.10E-07	2.80E-07	1.19E-06	7.09E-07	1.35E-07	8.44E-07
7048	624870.13	4265993.51	4.64E-06	1.47E-06	6.11E-06	3.88E-06	1.10E-06	4.98E-06	9.18E-07	2.82E-07	1.20E-06	7.16E-07	1.36E-07	8.52E-07
7049	624870.3	4265983.57	4.68E-06	1.48E-06	6.16E-06	3.91E-06	1.11E-06	5.02E-06	9.25E-07	2.84E-07	1.21E-06	7.21E-07	1.37E-07	8.58E-07
7050	624870.46	4265973.64	4.71E-06	1.49E-06	6.20E-06	3.93E-06	1.12E-06	5.05E-06	9.31E-07	2.86E-07	1.22E-06	7.26E-07	1.38E-07	8.64E-07
7051	624870.62	4265963.71	4.73E-06	1.50E-06	6.23E-06	3.95E-06	1.12E-06	5.08E-06	9.36E-07	2.88E-07	1.22E-06	7.30E-07	1.39E-07	8.69E-07
7052	624870.79	4265953.77	4.75E-06	1.51E-06	6.26E-06	3.97E-06	1.13E-06	5.10E-06	9.40E-07	2.89E-07	1.23E-06	7.33E-07	1.39E-07	8.72E-07
7053	624870.95	4265943.84	4.76E-06	1.51E-06	6.27E-06	3.98E-06	1.13E-06	5.11E-06	9.42E-07	2.90E-07	1.23E-06	7.35E-07	1.40E-07	8.74E-07
7054	624871.12	4265933.91	4.77E-06	1.51E-06	6.28E-06	3.98E-06	1.13E-06	5.12E-06	9.43E-07	2.90E-07	1.23E-06	7.36E-07	1.40E-07	8.75E-07
7055	624871.28	4265923.97	4.77E-06	1.51E-06	6.28E-06	3.98E-06	1.13E-06	5.12E-06	9.44E-07	2.90E-07	1.23E-06	7.36E-07	1.40E-07	8.75E-07
7056	624871.44	4265914.04	4.76E-06	1.51E-06	6.28E-06	3.98E-06	1.13E-06	5.11E-06	9.43E-07	2.90E-07	1.23E-06	7.35E-07	1.40E-07	8.74E-07
7057	624871.61	4265904.11	4.75E-06	1.51E-06	6.26E-06	3.97E-06	1.13E-06	5.10E-06	9.41E-07	2.89E-07	1.23E-06	7.33E-07	1.39E-07	8.72E-07
7058	624871.77	4265894.17	4.74E-06	1.50E-06	6.24E-06	3.96E-06	1.13E-06	5.08E-06	9.37E-07	2.88E-07	1.23E-06	7.31E-07	1.39E-07	8.70E-07
7059	624871.93	4265884.24	4.71E-06	1.50E-06	6.21E-06	3.94E-06	1.12E-06	5.06E-06	9.33E-07	2.87E-07	1.22E-06	7.28E-07	1.38E-07	8.66E-07
7060	624872.1	4265874.31	4.69E-06	1.49E-06	6.18E-06	3.92E-06	1.11E-06	5.03E-06	9.28E-07	2.85E-07	1.21E-06	7.23E-07	1.37E-07	8.61E-07
7061	624872.26	4265864.37	4.66E-06	1.48E-06	6.13E-06	3.89E-06	1.11E-06	5.00E-06	9.21E-07	2.83E-07	1.20E-06	7.18E-07	1.36E-07	8.55E-07
7062	624872.42	4265854.44	4.62E-06	1.47E-06	6.08E-06	3.86E-06	1.10E-06	4.96E-06	9.14E-07	2.81E-07	1.19E-06	7.12E-07	1.35E-07	8.48E-07
7063	624872.59	4265844.51	4.57E-06	1.45E-06	6.02E-06	3.82E-06	1.09E-06	4.91E-06	9.05E-07	2.78E-07	1.18E-06	7.05E-07	1.34E-07	8.39E-07
7064	624872.75	4265834.57	4.52E-06	1.44E-06	5.95E-06	3.78E-06	1.07E-06	4.85E-06	8.95E-07	2.75E-07	1.17E-06	6.97E-07	1.32E-07	8.30E-07
7065	624872.91	4265824.64	4.46E-06	1.42E-06	5.88E-06	3.73E-06	1.06E-06	4.79E-06	8.84E-07	2.72E-07	1.16E-06	6.89E-07	1.31E-07	8.20E-07
7066	624873.08	4265814.71	4.40E-06	1.40E-06	5.80E-06	3.68E-06	1.05E-06	4.73E-06	8.72E-07	2.68E-07	1.14E-06	6.80E-07	1.29E-07	8.09E-07
7067	624873.24	4265804.77	4.34E-06	1.38E-06	5.71E-06	3.63E-06	1.03E-06	4.66E-06	8.58E-07	2.64E-07	1.12E-06	6.69E-07	1.27E-07	7.96E-07
7068	624873.4	4265794.84	4.26E-06	1.35E-06	5.62E-06	3.56E-06	1.01E-06	4.58E-06	8.44E-07	2.59E-07	1.10E-06	6.58E-07	1.25E-07	7.83E-07
7069	624873.57	4265784.91	4.18E-06	1.33E-06	5.51E-06	3.50E-06	9.95E-07	4.49E-06	8.28E-07	2.55E-07	1.08E-06	6.45E-07	1.23E-07	7.68E-07
7070	624873.73	4265774.97	4.10E-06	1.30E-06	5.40E-06	3.43E-06	9.75E-07	4.40E-06	8.12E-07	2.50E-07	1.06E-06	6.33E-07	1.20E-07	7.53E-07
7071	624873.9	4265765.04	4.02E-06	1.28E-06	5.29E-06	3.36E-06	9.55E-07	4.31E-06	7.95E-07	2.44E-07	1.04E-06	6.20E-07	1.18E-07	7.37E-07
7072	624874.06	4265755.11	3.93E-06	1.25E-06	5.18E-06	3.29E-06	9.35E-07	4.22E-06	7.78E-07	2.39E-07	1.02E-06	6.06E-07	1.15E-07	7.22E-07
7073	624874.22	4265745.17	3.85E-06	1.22E-06	5.07E-06	3.21E-06	9.14E-07	4.13E-06	7.61E-07	2.34E-07	9.95E-07	5.93E-07	1.13E-07	7.06E-07
7074	624874.39	4265735.24	3.76E-06	1.19E-06	4.96E-06	3.14E-06	8.95E-07	4.04E-06	7.45E-07	2.29E-07	9.74E-07	5.81E-07	1.10E-07	6.91E-07
7075	624874.55	4265725.31	3.68E-06	1.17E-06	4.85E-06	3.08E-06	8.75E-07	3.95E-06	7.29E-07	2.24E-07	9.53E-07	5.68E-07	1.08E-07	6.76E-07
7076	624874.71	4265715.37	3.60E-06	1.14E-06	4.74E-06	3.01E-06	8.56E-07	3.87E-06	7.13E-07	2.19E-07	9.32E-07	5.56E-07	1.06E-07	6.61E-07
7077	624874.88	4265705.44	3.52E-06	1.12E-06	4.64E-06	2.94E-06	8.37E-07	3.78E-06	6.97E-07	2.14E-07	9.11E-07	5.43E-07	1.03E-07	6.46E-07
7078	624875.04	4265695.51	3.44E-06	1.09E-06	4.53E-06	2.87E-06	8.18E-07	3.69E-06	6.81E-07	2.09E-07	8.90E-07	5.31E-07	1.01E-07	6.31E-07
7079	624875.2	4265685.57	3.35E-06	1.07E-06	4.42E-06	2.80E-06	7.98E-07	3.60E-06	6.64E-07	2.04E-07	8.68E-07	5.18E-07	9.83E-08	6.16E-07
7080	624861.24	4266176.49	3.32E-06	1.05E-06	4.37E-06	2.77E-06	7.89E-07	3.56E-06	6.57E-07	2.02E-07	8.59E-07	5.12E-07	9.73E-08	6.09E-07
7081	624877.68	4266142.67	3.11E-06	9.88E-07	4.10E-06	2.60E-06	7.40E-07	3.34E-06	6.16E-07	1.89E-07	8.05E-07	4.80E-07	9.12E-08	5.71E-07
7082	624877.84	4266132.74	3.18E-06	1.01E-06	4.19E-06	2.66E-06	7.56E-07	3.41E-06	6.30E-07	1.94E-07	8.23E-07	4.91E-07	9.32E-08	5.84E-07
7083	624878.01	4266122.8	3.25E-06	1.03E-06	4.29E-06	2.72E-06	7.73E-07	3.49E-06	6.44E-07	1.98E-07	8.42E-07	5.02E-07	9.53E-08	5.97E-07
7084	624878.17	4266112.87	3.33E-06	1.06E-06	4.38E-06	2.78E-06	7.91E-07	3.57E-06	6.59E-07	2.03E-07	8.61E-07	5.14E-07	9.75E-08	6.11E-07
7085	624878.33	4266102.94	3.41E-06	1.08E-06	4.49E-06	2.85E-06	8.10E-07	3.66E-06	6.74E-07	2.07E-07	8.81E-07	5.26E-07	9.98E-08	6.25E-07
7086	624878.5	4266093	3.48E-06	1.11E-06	4.59E-06	2.91E-06	8.28E-07	3.74E-06	6.90E-07	2.12E-07	9.01E-07	5.38E-07	1.02E-07	6.40E-07
7087	624878.66	4266083.07	3.56E-06	1.13E-06	4.69E-06	2.98E-06	8.47E-07	3.82E-06	7.05E-07	2.17E-07	9.22E-07	5.49E-07	1.04E-07	6.54E-07
7088	624878.82	4266073.14	3.64E-06	1.15E-06	4.79E-06	3.04E-06	8.65E-07	3.90E-06	7.20E-07	2.21E-07	9.41E-07	5.61E-07	1.07E-07	6.68E-07
7089	624878.99	4266063.2	3.71E-06	1.18E-06	4.89E-06	3.10E-06	8.82E-07	3.98E-06	7.34E-07	2.26E-07	9.60E-07	5.72E-07	1.09E-07	6.81E-07
7090	624879.15	4266053.27	3.78E-06	1.20E-06	4.98E-06	3.16E-06	8.98E-07	4.06E-06	7.48E-07	2.30E-07	9.77E-07	5.83E-07	1.11E-07	6.94E-07
7091	624879.31	4266043.34	3.84E-06	1.22E-06	5.06E-06	3.21E-06	9.14E-07	4.13E-06	7.61E-07	2.34E-07	9.94E-07	5.93E-07	1.13E-07	7.06E-07
7092	624879.48	4266033.4	3.91E-06	1.24E-06	5.15E-06	3.27E-06	9.29E-07	4.19E-06	7.73E-07	2.38E-07	1.01E-06	6.03E-07	1.14E-07	7.17E-07
7093	624879.64	4266023.47	3.97E-06	1.26E-06	5.23E-06	3.31E-06	9.43E-07	4.26E-06	7.85E-07	2.41E-07	1.03E-06	6.12E-07	1.16E-07	7.28E-07
7094	624879.81	4266013.54	4.02E-06	1.28E-06	5.30E-06	3.36E-06	9.56E-07	4.32E-06	7.96E-07	2.45E-07	1.04E-06	6.20E-07	1.18E-07	7.38E-07
7095	624879.97	4266003.6	4.06E-06	1.29E-06	5.35E-06	3.40E-06	9.66E-07	4.36E-06	8.04E-07	2.47E-07	1.05E-06	6.27E-07	1.19E-07	7.46E-07
7096	624880.13	4265993.67	4.10E-06	1.30E-06	5.41E-06	3.43E-06	9.76E-07	4.41E-06	8.12E-07	2.50E-07	1.06E-06	6.33E-07	1.20E-07	7.54E-07
7097	624880.3	4265983.74	4.14E-06	1.31E-06	5.45E-06	3.46E-06	9.84E-07	4.44E-06	8.19E-07	2.52E-07	1.07E-06	6.38E-07	1.21E-07	7.60E-07
7098	624880.46	4265973.8	4.17E-06	1.32E-06	5.49E-06	3.48E-06	9.91E-07	4.47E-06	8.25E-07	2.54E-07	1.08E-06	6.43E-07	1.22E-07	7.65E-07
7099	624880.62	4265963.87	4.19E-06	1.33E-06	5.52E-06	3.50E-06	9.96E-07	4.50E-06	8.29E-07	2.55E-07	1.08E-06	6.46E-07	1.23E-07	7.69E-07
7100	624880.79	4265953.94	4.21E-06	1.34E-06	5.54E-06	3.52E-06	1.00E-06	4.52E-06	8.33E-07	2.56E-07	1.09E-06	6.49E-07	1.23E-07	7.73E-07

7101	624880.95	4265944	4.22E-06	1.34E-06	5.56E-06	3.53E-06	1.00E-06	4.53E-06	8.35E-07	2.57E-07	1.09E-06	6.51E-07	1.24E-07	7.75E-07
7102	624881.11	4265934.07	4.23E-06	1.34E-06	5.57E-06	3.53E-06	1.01E-06	4.54E-06	8.37E-07	2.57E-07	1.09E-06	6.52E-07	1.24E-07	7.76E-07
7103	624881.28	4265924.14	4.23E-06	1.34E-06	5.57E-06	3.54E-06	1.01E-06	4.54E-06	8.37E-07	2.57E-07	1.09E-06	6.53E-07	1.24E-07	7.77E-07
7104	624881.44	4265914.2	4.23E-06	1.34E-06	5.57E-06	3.53E-06	1.01E-06	4.54E-06	8.37E-07	2.57E-07	1.09E-06	6.52E-07	1.24E-07	7.76E-07
7105	624881.6	4265904.27	4.22E-06	1.34E-06	5.56E-06	3.53E-06	1.00E-06	4.53E-06	8.35E-07	2.57E-07	1.09E-06	6.51E-07	1.24E-07	7.75E-07
7106	624881.77	4265894.34	4.21E-06	1.34E-06	5.54E-06	3.52E-06	1.00E-06	4.52E-06	8.32E-07	2.56E-07	1.09E-06	6.49E-07	1.23E-07	7.72E-07
7107	624881.93	4265884.4	4.19E-06	1.33E-06	5.52E-06	3.50E-06	9.96E-07	4.50E-06	8.29E-07	2.55E-07	1.08E-06	6.47E-07	1.23E-07	7.69E-07
7108	624882.1	4265874.47	4.17E-06	1.32E-06	5.49E-06	3.48E-06	9.91E-07	4.48E-06	8.25E-07	2.54E-07	1.08E-06	6.43E-07	1.22E-07	7.65E-07
7109	624882.26	4265864.54	4.14E-06	1.32E-06	5.46E-06	3.46E-06	9.85E-07	4.45E-06	8.20E-07	2.52E-07	1.07E-06	6.39E-07	1.21E-07	7.61E-07
7110	624882.42	4265854.6	4.11E-06	1.31E-06	5.42E-06	3.44E-06	9.77E-07	4.41E-06	8.13E-07	2.50E-07	1.06E-06	6.34E-07	1.20E-07	7.55E-07
7111	624882.59	4265844.67	4.07E-06	1.29E-06	5.36E-06	3.40E-06	9.68E-07	4.37E-06	8.06E-07	2.48E-07	1.05E-06	6.28E-07	1.19E-07	7.48E-07
7112	624882.75	4265834.74	4.03E-06	1.28E-06	5.31E-06	3.37E-06	9.58E-07	4.32E-06	7.97E-07	2.45E-07	1.04E-06	6.22E-07	1.18E-07	7.40E-07
7113	624882.91	4265824.8	3.98E-06	1.26E-06	5.25E-06	3.33E-06	9.47E-07	4.27E-06	7.88E-07	2.42E-07	1.03E-06	6.14E-07	1.17E-07	7.31E-07
7114	624883.08	4265814.87	3.93E-06	1.25E-06	5.18E-06	3.28E-06	9.34E-07	4.22E-06	7.78E-07	2.39E-07	1.02E-06	6.06E-07	1.15E-07	7.22E-07
7115	624883.24	4265804.94	3.87E-06	1.23E-06	5.10E-06	3.24E-06	9.21E-07	4.16E-06	7.67E-07	2.36E-07	1.00E-06	5.98E-07	1.14E-07	7.11E-07
7116	624883.4	4265795	3.81E-06	1.21E-06	5.02E-06	3.19E-06	9.07E-07	4.09E-06	7.55E-07	2.32E-07	9.87E-07	5.88E-07	1.12E-07	7.00E-07
7117	624883.57	4265785.07	3.75E-06	1.19E-06	4.94E-06	3.13E-06	8.92E-07	4.03E-06	7.42E-07	2.28E-07	9.70E-07	5.79E-07	1.10E-07	6.89E-07
7118	624883.73	4265775.14	3.68E-06	1.17E-06	4.85E-06	3.08E-06	8.76E-07	3.96E-06	7.29E-07	2.24E-07	9.54E-07	5.69E-07	1.08E-07	6.77E-07
7119	624883.89	4265765.2	3.62E-06	1.15E-06	4.77E-06	3.02E-06	8.60E-07	3.88E-06	7.16E-07	2.20E-07	9.36E-07	5.58E-07	1.06E-07	6.64E-07
7120	624884.06	4265755.27	3.55E-06	1.13E-06	4.68E-06	2.97E-06	8.44E-07	3.81E-06	7.03E-07	2.16E-07	9.19E-07	5.48E-07	1.04E-07	6.52E-07
7121	624884.22	4265745.34	3.49E-06	1.11E-06	4.59E-06	2.91E-06	8.29E-07	3.74E-06	6.90E-07	2.12E-07	9.02E-07	5.38E-07	1.02E-07	6.40E-07
7122	624884.38	4265735.4	3.42E-06	1.09E-06	4.51E-06	2.86E-06	8.13E-07	3.67E-06	6.77E-07	2.08E-07	8.85E-07	5.28E-07	1.00E-07	6.28E-07
7123	624884.55	4265725.47	3.36E-06	1.07E-06	4.42E-06	2.81E-06	7.98E-07	3.60E-06	6.64E-07	2.04E-07	8.68E-07	5.18E-07	9.84E-08	6.16E-07
7124	624884.71	4265715.54	3.29E-06	1.05E-06	4.34E-06	2.75E-06	7.83E-07	3.53E-06	6.52E-07	2.00E-07	8.52E-07	5.08E-07	9.65E-08	6.04E-07
7125	624884.88	4265705.6	3.23E-06	1.02E-06	4.25E-06	2.70E-06	7.67E-07	3.46E-06	6.39E-07	1.96E-07	8.35E-07	4.98E-07	9.46E-08	5.93E-07
7126	624885.04	4265695.67	3.16E-06	1.00E-06	4.17E-06	2.64E-06	7.52E-07	3.39E-06	6.26E-07	1.92E-07	8.18E-07	4.88E-07	9.27E-08	5.81E-07
7127	624885.2	4265685.74	3.09E-06	9.83E-07	4.08E-06	2.59E-06	7.36E-07	3.32E-06	6.13E-07	1.88E-07	8.01E-07	4.78E-07	9.07E-08	5.68E-07
7128	624885.37	4265675.8	3.02E-06	9.60E-07	3.98E-06	2.53E-06	7.19E-07	3.25E-06	5.98E-07	1.84E-07	7.82E-07	4.66E-07	8.86E-08	5.55E-07
7129	624878.36	4266173.85	2.87E-06	9.10E-07	3.77E-06	2.39E-06	6.81E-07	3.08E-06	5.67E-07	1.74E-07	7.41E-07	4.42E-07	8.40E-08	5.26E-07
7130	624868.19	4266183.68	3.04E-06	9.67E-07	4.01E-06	2.54E-06	7.24E-07	3.27E-06	6.03E-07	1.85E-07	7.88E-07	4.70E-07	8.92E-08	5.59E-07
7131	624887.68	4266142.84	2.84E-06	9.00E-07	3.74E-06	2.37E-06	6.74E-07	3.04E-06	5.61E-07	1.73E-07	7.34E-07	4.37E-07	8.31E-08	5.21E-07
7132	624887.84	4266132.9	2.89E-06	9.18E-07	3.81E-06	2.42E-06	6.87E-07	3.10E-06	5.72E-07	1.76E-07	7.48E-07	4.46E-07	8.47E-08	5.31E-07
7133	624888.01	4266122.97	2.95E-06	9.36E-07	3.89E-06	2.46E-06	7.01E-07	3.17E-06	5.84E-07	1.79E-07	7.63E-07	4.55E-07	8.64E-08	5.41E-07
7134	624888.17	4266113.04	3.01E-06	9.56E-07	3.96E-06	2.52E-06	7.16E-07	3.23E-06	5.96E-07	1.83E-07	7.79E-07	4.64E-07	8.82E-08	5.53E-07
7135	624888.33	4266103.1	3.07E-06	9.76E-07	4.05E-06	2.57E-06	7.30E-07	3.30E-06	6.08E-07	1.87E-07	7.95E-07	4.74E-07	9.00E-08	5.64E-07
7136	624888.5	4266093.17	3.14E-06	9.96E-07	4.13E-06	2.62E-06	7.45E-07	3.37E-06	6.21E-07	1.91E-07	8.11E-07	4.84E-07	9.19E-08	5.76E-07
7137	624888.66	4266083.24	3.20E-06	1.02E-06	4.21E-06	2.67E-06	7.60E-07	3.43E-06	6.33E-07	1.95E-07	8.28E-07	4.94E-07	9.37E-08	5.87E-07
7138	624888.82	4266073.3	3.26E-06	1.04E-06	4.30E-06	2.73E-06	7.75E-07	3.50E-06	6.45E-07	1.98E-07	8.44E-07	5.03E-07	9.56E-08	5.99E-07
7139	624888.99	4266063.37	3.32E-06	1.05E-06	4.37E-06	2.78E-06	7.89E-07	3.56E-06	6.57E-07	2.02E-07	8.59E-07	5.12E-07	9.73E-08	6.10E-07
7140	624889.15	4266053.44	3.38E-06	1.07E-06	4.45E-06	2.82E-06	8.03E-07	3.63E-06	6.69E-07	2.06E-07	8.74E-07	5.21E-07	9.90E-08	6.20E-07
7141	624889.31	4266043.5	3.43E-06	1.09E-06	4.52E-06	2.87E-06	8.16E-07	3.69E-06	6.80E-07	2.09E-07	8.88E-07	5.30E-07	1.01E-07	6.30E-07
7142	624889.48	4266033.57	3.49E-06	1.11E-06	4.59E-06	2.91E-06	8.29E-07	3.74E-06	6.90E-07	2.12E-07	9.02E-07	5.38E-07	1.02E-07	6.40E-07
7143	624889.64	4266023.64	3.54E-06	1.12E-06	4.66E-06	2.96E-06	8.41E-07	3.80E-06	7.00E-07	2.15E-07	9.16E-07	5.46E-07	1.04E-07	6.50E-07
7144	624889.8	4266013.7	3.58E-06	1.14E-06	4.72E-06	3.00E-06	8.52E-07	3.85E-06	7.10E-07	2.18E-07	9.28E-07	5.53E-07	1.05E-07	6.58E-07
7145	624889.97	4266003.77	3.62E-06	1.15E-06	4.77E-06	3.03E-06	8.62E-07	3.89E-06	7.17E-07	2.21E-07	9.38E-07	5.59E-07	1.06E-07	6.65E-07
7146	624890.13	4265993.84	3.66E-06	1.16E-06	4.82E-06	3.06E-06	8.70E-07	3.93E-06	7.24E-07	2.23E-07	9.47E-07	5.65E-07	1.07E-07	6.72E-07
7147	624890.29	4265983.9	3.69E-06	1.17E-06	4.86E-06	3.08E-06	8.77E-07	3.96E-06	7.30E-07	2.25E-07	9.55E-07	5.69E-07	1.08E-07	6.78E-07
7148	624890.46	4265973.97	3.72E-06	1.18E-06	4.90E-06	3.11E-06	8.84E-07	3.99E-06	7.36E-07	2.26E-07	9.62E-07	5.73E-07	1.09E-07	6.82E-07
7149	624890.62	4265964.04	3.74E-06	1.19E-06	4.93E-06	3.12E-06	8.89E-07	4.01E-06	7.40E-07	2.27E-07	9.67E-07	5.77E-07	1.10E-07	6.86E-07
7150	624890.79	4265954.1	3.75E-06	1.19E-06	4.95E-06	3.14E-06	8.93E-07	4.03E-06	7.43E-07	2.28E-07	9.72E-07	5.79E-07	1.10E-07	6.89E-07
7151	624890.95	4265944.17	3.77E-06	1.20E-06	4.96E-06	3.15E-06	8.96E-07	4.04E-06	7.46E-07	2.29E-07	9.75E-07	5.81E-07	1.10E-07	6.92E-07
7152	624891.11	4265934.24	3.78E-06	1.20E-06	4.97E-06	3.16E-06	8.98E-07	4.05E-06	7.47E-07	2.30E-07	9.77E-07	5.83E-07	1.11E-07	6.93E-07
7153	624891.28	4265924.3	3.78E-06	1.20E-06	4.98E-06	3.16E-06	8.98E-07	4.06E-06	7.48E-07	2.30E-07	9.78E-07	5.83E-07	1.11E-07	6.94E-07
7154	624891.44	4265914.37	3.78E-06	1.20E-06	4.98E-06	3.16E-06	8.98E-07	4.06E-06	7.48E-07	2.30E-07	9.78E-07	5.83E-07	1.11E-07	6.94E-07
7155	624891.6	4265904.44	3.77E-06	1.20E-06	4.97E-06	3.15E-06	8.97E-07	4.05E-06	7.47E-07	2.30E-07	9.76E-07	5.82E-07	1.11E-07	6.93E-07
7156	624891.77	4265894.5	3.76E-06	1.19E-06	4.96E-06	3.14E-06	8.94E-07	4.04E-06	7.45E-07	2.29E-07	9.74E-07	5.80E-07	1.10E-07	6.91E-07
7157	624891.93	4265884.57	3.75E-06	1.19E-06	4.94E-06	3.13E-06	8.92E-07	4.03E-06	7.42E-07	2.28E-07	9.71E-07	5.79E-07	1.10E-07	6.89E-07
7158	624892.09	4265874.64	3.73E-06	1.19E-06	4.92E-06	3.12E-06	8.88E-07	4.01E-06	7.39E-07	2.27E-07	9.66E-07	5.76E-07	1.09E-07	6.86E-07
7159	624892.26	4265864.7	3.71E-06	1.18E-06	4.89E-06	3.10E-06	8.83E-07	3.99E-06	7.35E-07	2.26E-07	9.61E-07	5.73E-07	1.09E-07	6.82E-07
7160	624892.42	4265854.77	3.69E-06	1.17E-06	4.86E-06	3.08E-06	8.77E-07	3.96E-06	7.30E-07	2.24E-07	9.54E-07	5.69E-07	1.08E-07	6.77E-07
7161	624892.58	4265844.84	3.65E-06	1.16E-06	4.82E-06	3.05E-06	8.69E-07	3.92E-06	7.23E-07	2.22E-07	9.46E-07	5.64E-07	1.07E-07	6.71E-07
7162	624892.75	4265834.9	3.62E-06	1.15E-06	4.77E-06	3.02E-06	8.61E-07	3.89E-06	7.16E-07	2.20E-07	9.37E-07	5.58E-07	1.06E-07	6.64E-07
7163	624892.91	4265824.97	3.58E-06	1.14E-06	4.72E-06	2.99E-06	8.51E-07	3.84E-06	7.09E-07	2.18E-07	9.26E-07	5.52E-07	1.05E-07	6.57E-07
7164	624893.07	4265815.04	3.54E-06	1.12E-06	4.66E-06	2.96E-06	8.41E-07	3.80E-06	7.00E-07	2.15E-07	9.15E-07	5.46E-07	1.04E-07	6.49E-07
7165	624893.24	4265805.1	3.49E-06	1.11E-06	4.60E-06	2.92E-06	8.30E-07	3.75E-06	6.91E-07	2.12E-07	9.03E-07	5.39E-07	1.02E-07	6.41E-07
7166	624893.4	4265795.17	3.44E-06	1.09E-06	4.54E-06	2.88E-06	8.18E-07	3.70E-06	6.81E-07	2.09E-07	8.91E-07	5.31E-07	1.01E-07	6.32E-07
7167	624893.57	4265785.24	3.39E-06	1.08E-06	4.47E-06	2.83E-06	8.06E-07	3.64E-06	6.71E-07	2.06E-07	8.78E-07	5.23E-07	9.94E-08	6.23E-07
7168	624893.73	4265775.3	3.34E-06	1.06E-06	4.40E-06	2.79E-06	7.94E-07	3.59E-06	6.61E-07	2.03E-07	8.64E-07	5.15E-07	9.79E-08	6.13E-07
7169	624893.89	4265765.37	3.29E-06	1.04E-06	4.33E-06	2.75E-06	7.82E-07	3.53E-06	6.51E-07	2.00E-07	8.51E-07	5.07E-07	9.64E-08	6.04E-07
7170	624894.06	4265755.44	3.23E-06	1.03E-06	4.26E-06	2.70E-06	7.69E-07	3.47E-06	6.40E-07	1.97E-07	8.37E-07	4.99E-07	9.48E-08	5.94E-07
7171	624894.22	4265745.5	3.18E-06	1.01E-06	4.19E-06	2.66E-06	7.57E-07	3.42E-06	6.30E-07	1.94E-07	8.24E-07	4.91E-07	9.33E-08	5.84E-07
7172	624894.38	4265735.57	3.13E-06	9.94E-07	4.13E-06	2.62E-06	7.44E-07	3.36E-06	6.20E-07	1.91E-07	8.10E-07	4.83E-07	9.18E-08	5.75E-07
7173	624894.55	4265725.64	3.08E-06	9.78E-07	4.06E-06	2.57E-06	7.32E-07	3.31E-06	6.09E-07	1.87E-07	7.97E-07	4.75E-07	9.02E-08	5.65E-07
7174	624894.71	4265715.7	3.03E-06	9.61E-07	3.99E-06	2.53E-06	7.20E-07	3.25E-06	5.99E-07	1.84E-07	7.83E-07	4.67E-07	8.87E-08	5.56E-07

7175	624894.87	4265705.77	2.98E-06	9.45E-07	3.92E-06	2.49E-06	7.07E-07	3.19E-06	5.89E-07	1.81E-07	7.70E-07	4.59E-07	8.72E-08	5.46E-07
7176	624895.04	4265695.84	2.92E-06	9.28E-07	3.85E-06	2.44E-06	6.95E-07	3.14E-06	5.78E-07	1.78E-07	7.56E-07	4.51E-07	8.56E-08	5.37E-07
7177	624895.2	4265685.9	2.87E-06	9.11E-07	3.78E-06	2.40E-06	6.82E-07	3.08E-06	5.68E-07	1.74E-07	7.42E-07	4.42E-07	8.40E-08	5.27E-07
7178	624886.08	4266179.28	2.65E-06	8.42E-07	3.49E-06	2.21E-06	6.30E-07	2.84E-06	5.24E-07	1.61E-07	6.86E-07	4.09E-07	7.77E-08	4.87E-07
7179	624873.35	4266191.58	2.84E-06	9.03E-07	3.75E-06	2.38E-06	6.76E-07	3.05E-06	5.63E-07	1.73E-07	7.36E-07	4.39E-07	8.34E-08	5.22E-07
7180	624864.45	4266195.08	3.03E-06	9.61E-07	3.99E-06	2.53E-06	7.20E-07	3.25E-06	5.99E-07	1.84E-07	7.83E-07	4.67E-07	8.87E-08	5.56E-07
7181	624855.54	4266198.59	3.22E-06	1.02E-06	4.24E-06	2.69E-06	7.65E-07	3.45E-06	6.37E-07	1.96E-07	8.32E-07	4.96E-07	9.43E-08	5.91E-07
7182	624897.68	4266143	2.60E-06	8.25E-07	3.42E-06	2.17E-06	6.18E-07	2.79E-06	5.14E-07	1.58E-07	6.73E-07	4.01E-07	7.62E-08	4.77E-07
7183	624897.84	4266133.07	2.64E-06	8.40E-07	3.48E-06	2.21E-06	6.29E-07	2.84E-06	5.23E-07	1.61E-07	6.84E-07	4.08E-07	7.75E-08	4.86E-07
7184	624898	4266123.13	2.69E-06	8.55E-07	3.55E-06	2.25E-06	6.40E-07	2.89E-06	5.33E-07	1.64E-07	6.97E-07	4.15E-07	7.89E-08	4.94E-07
7185	624898.17	4266113.2	2.74E-06	8.70E-07	3.61E-06	2.29E-06	6.52E-07	2.94E-06	5.42E-07	1.67E-07	7.09E-07	4.23E-07	8.03E-08	5.03E-07
7186	624898.33	4266103.27	2.79E-06	8.86E-07	3.68E-06	2.33E-06	6.64E-07	3.00E-06	5.52E-07	1.70E-07	7.22E-07	4.31E-07	8.18E-08	5.13E-07
7187	624898.49	4266093.33	2.84E-06	9.03E-07	3.75E-06	2.38E-06	6.76E-07	3.05E-06	5.63E-07	1.73E-07	7.36E-07	4.39E-07	8.33E-08	5.22E-07
7188	624898.66	4266083.4	2.90E-06	9.19E-07	3.81E-06	2.42E-06	6.88E-07	3.11E-06	5.73E-07	1.76E-07	7.49E-07	4.47E-07	8.48E-08	5.32E-07
7189	624898.82	4266073.47	2.95E-06	9.36E-07	3.88E-06	2.46E-06	7.01E-07	3.16E-06	5.83E-07	1.79E-07	7.62E-07	4.55E-07	8.64E-08	5.41E-07
7190	624898.99	4266063.53	3.00E-06	9.52E-07	3.95E-06	2.50E-06	7.12E-07	3.22E-06	5.93E-07	1.82E-07	7.75E-07	4.62E-07	8.78E-08	5.50E-07
7191	624899.15	4266053.6	3.04E-06	9.67E-07	4.01E-06	2.54E-06	7.24E-07	3.27E-06	6.03E-07	1.85E-07	7.88E-07	4.70E-07	8.92E-08	5.59E-07
7192	624899.31	4266043.67	3.09E-06	9.82E-07	4.07E-06	2.58E-06	7.35E-07	3.32E-06	6.12E-07	1.88E-07	8.00E-07	4.77E-07	9.06E-08	5.68E-07
7193	624899.48	4266033.73	3.14E-06	9.96E-07	4.13E-06	2.62E-06	7.46E-07	3.37E-06	6.21E-07	1.91E-07	8.12E-07	4.84E-07	9.19E-08	5.76E-07
7194	624899.64	4266023.8	3.18E-06	1.01E-06	4.19E-06	2.66E-06	7.56E-07	3.41E-06	6.30E-07	1.94E-07	8.23E-07	4.91E-07	9.32E-08	5.84E-07
7195	624899.8	4266013.87	3.22E-06	1.02E-06	4.24E-06	2.69E-06	7.66E-07	3.46E-06	6.38E-07	1.96E-07	8.33E-07	4.97E-07	9.44E-08	5.91E-07
7196	624899.97	4266003.93	3.26E-06	1.03E-06	4.29E-06	2.72E-06	7.74E-07	3.49E-06	6.44E-07	1.98E-07	8.42E-07	5.02E-07	9.54E-08	5.98E-07
7197	624900.13	4265994	3.29E-06	1.04E-06	4.33E-06	2.75E-06	7.81E-07	3.53E-06	6.50E-07	2.00E-07	8.50E-07	5.07E-07	9.63E-08	6.03E-07
7198	624900.29	4265984.07	3.31E-06	1.05E-06	4.37E-06	2.77E-06	7.88E-07	3.56E-06	6.56E-07	2.02E-07	8.57E-07	5.11E-07	9.71E-08	6.08E-07
7199	624900.46	4265974.13	3.34E-06	1.06E-06	4.40E-06	2.79E-06	7.93E-07	3.58E-06	6.60E-07	2.03E-07	8.64E-07	5.15E-07	9.78E-08	6.13E-07
7200	624900.62	4265964.2	3.36E-06	1.07E-06	4.42E-06	2.81E-06	7.98E-07	3.60E-06	6.64E-07	2.04E-07	8.69E-07	5.18E-07	9.84E-08	6.16E-07
7201	624900.78	4265954.27	3.37E-06	1.07E-06	4.44E-06	2.82E-06	8.02E-07	3.62E-06	6.68E-07	2.05E-07	8.73E-07	5.20E-07	9.89E-08	6.19E-07
7202	624900.95	4265944.33	3.38E-06	1.07E-06	4.46E-06	2.83E-06	8.05E-07	3.63E-06	6.70E-07	2.06E-07	8.76E-07	5.22E-07	9.92E-08	6.21E-07
7203	624901.11	4265934.4	3.39E-06	1.08E-06	4.47E-06	2.84E-06	8.07E-07	3.64E-06	6.72E-07	2.06E-07	8.78E-07	5.24E-07	9.94E-08	6.23E-07
7204	624901.27	4265924.47	3.40E-06	1.08E-06	4.48E-06	2.84E-06	8.08E-07	3.65E-06	6.72E-07	2.07E-07	8.79E-07	5.24E-07	9.96E-08	6.24E-07
7205	624901.44	4265914.53	3.40E-06	1.08E-06	4.48E-06	2.84E-06	8.08E-07	3.65E-06	6.73E-07	2.07E-07	8.79E-07	5.24E-07	9.96E-08	6.24E-07
7206	624901.6	4265904.6	3.39E-06	1.08E-06	4.47E-06	2.84E-06	8.07E-07	3.64E-06	6.72E-07	2.07E-07	8.79E-07	5.24E-07	9.95E-08	6.23E-07
7207	624901.77	4265894.67	3.39E-06	1.08E-06	4.46E-06	2.83E-06	8.06E-07	3.64E-06	6.71E-07	2.06E-07	8.77E-07	5.23E-07	9.93E-08	6.22E-07
7208	624901.93	4265884.73	3.38E-06	1.07E-06	4.45E-06	2.82E-06	8.03E-07	3.63E-06	6.69E-07	2.06E-07	8.74E-07	5.21E-07	9.90E-08	6.20E-07
7209	624902.09	4265874.8	3.37E-06	1.07E-06	4.43E-06	2.81E-06	8.00E-07	3.61E-06	6.66E-07	2.05E-07	8.71E-07	5.19E-07	9.86E-08	6.18E-07
7210	624902.26	4265864.87	3.35E-06	1.06E-06	4.41E-06	2.80E-06	7.96E-07	3.60E-06	6.63E-07	2.04E-07	8.67E-07	5.17E-07	9.81E-08	6.15E-07
7211	624902.42	4265854.93	3.33E-06	1.06E-06	4.38E-06	2.78E-06	7.91E-07	3.57E-06	6.58E-07	2.02E-07	8.61E-07	5.13E-07	9.75E-08	6.11E-07
7212	624902.58	4265845	3.30E-06	1.05E-06	4.35E-06	2.76E-06	7.85E-07	3.54E-06	6.53E-07	2.01E-07	8.54E-07	5.09E-07	9.67E-08	6.06E-07
7213	624902.75	4265835.07	3.27E-06	1.04E-06	4.31E-06	2.73E-06	7.78E-07	3.51E-06	6.48E-07	1.99E-07	8.47E-07	5.05E-07	9.59E-08	6.01E-07
7214	624902.91	4265825.13	3.24E-06	1.03E-06	4.27E-06	2.71E-06	7.70E-07	3.48E-06	6.41E-07	1.97E-07	8.38E-07	5.00E-07	9.49E-08	5.95E-07
7215	624903.07	4265815.2	3.20E-06	1.02E-06	4.22E-06	2.68E-06	7.62E-07	3.44E-06	6.34E-07	1.95E-07	8.29E-07	4.95E-07	9.39E-08	5.88E-07
7216	624903.24	4265805.27	3.17E-06	1.01E-06	4.17E-06	2.65E-06	7.53E-07	3.40E-06	6.27E-07	1.93E-07	8.20E-07	4.89E-07	9.28E-08	5.82E-07
7217	624903.4	4265795.33	3.13E-06	9.94E-07	4.12E-06	2.62E-06	7.44E-07	3.36E-06	6.19E-07	1.90E-07	8.10E-07	4.83E-07	9.17E-08	5.75E-07
7218	624903.56	4265785.4	3.09E-06	9.81E-07	4.07E-06	2.58E-06	7.35E-07	3.32E-06	6.11E-07	1.88E-07	7.99E-07	4.77E-07	9.05E-08	5.67E-07
7219	624903.73	4265775.47	3.05E-06	9.68E-07	4.02E-06	2.55E-06	7.25E-07	3.27E-06	6.03E-07	1.85E-07	7.89E-07	4.70E-07	8.93E-08	5.60E-07
7220	624903.89	4265765.53	3.01E-06	9.55E-07	3.96E-06	2.51E-06	7.15E-07	3.23E-06	5.95E-07	1.83E-07	7.78E-07	4.64E-07	8.81E-08	5.52E-07
7221	624904.05	4265755.6	2.97E-06	9.42E-07	3.91E-06	2.48E-06	7.05E-07	3.18E-06	5.87E-07	1.80E-07	7.67E-07	4.58E-07	8.69E-08	5.44E-07
7222	624904.22	4265745.67	2.92E-06	9.28E-07	3.85E-06	2.44E-06	6.95E-07	3.14E-06	5.79E-07	1.78E-07	7.57E-07	4.51E-07	8.57E-08	5.37E-07
7223	624904.38	4265735.73	2.88E-06	9.15E-07	3.80E-06	2.41E-06	6.85E-07	3.09E-06	5.70E-07	1.75E-07	7.46E-07	4.45E-07	8.45E-08	5.29E-07
7224	624904.55	4265725.8	2.84E-06	9.02E-07	3.74E-06	2.37E-06	6.75E-07	3.05E-06	5.62E-07	1.73E-07	7.35E-07	4.38E-07	8.32E-08	5.21E-07
7225	624904.71	4265715.87	2.80E-06	8.88E-07	3.69E-06	2.34E-06	6.65E-07	3.00E-06	5.54E-07	1.70E-07	7.24E-07	4.32E-07	8.20E-08	5.14E-07
7226	624904.87	4265705.93	2.76E-06	8.75E-07	3.63E-06	2.30E-06	6.55E-07	2.96E-06	5.45E-07	1.68E-07	7.13E-07	4.25E-07	8.08E-08	5.06E-07
7227	624905.04	4265696	2.71E-06	8.61E-07	3.57E-06	2.27E-06	6.45E-07	2.91E-06	5.37E-07	1.65E-07	7.02E-07	4.18E-07	7.95E-08	4.98E-07
7228	624905.2	4265686.07	2.67E-06	8.47E-07	3.51E-06	2.23E-06	6.34E-07	2.86E-06	5.28E-07	1.62E-07	6.90E-07	4.12E-07	7.82E-08	4.90E-07
7229	624905.36	4265676.13	2.62E-06	8.32E-07	3.45E-06	2.19E-06	6.23E-07	2.81E-06	5.19E-07	1.59E-07	6.78E-07	4.04E-07	7.68E-08	4.81E-07
7230	624896.53	4266178.39	2.44E-06	7.76E-07	3.22E-06	2.04E-06	5.81E-07	2.62E-06	4.84E-07	1.49E-07	6.33E-07	3.77E-07	7.17E-08	4.49E-07
7231	624892.87	4266186.83	2.47E-06	7.84E-07	3.25E-06	2.06E-06	5.87E-07	2.65E-06	4.88E-07	1.50E-07	6.39E-07	3.81E-07	7.23E-08	4.53E-07
7232	624880.66	4266198.63	2.63E-06	8.35E-07	3.46E-06	2.20E-06	6.25E-07	2.82E-06	5.20E-07	1.60E-07	6.80E-07	4.06E-07	7.71E-08	4.83E-07
7233	624872.11	4266202	2.78E-06	8.83E-07	3.66E-06	2.32E-06	6.61E-07	2.98E-06	5.50E-07	1.69E-07	7.19E-07	4.29E-07	8.15E-08	5.10E-07
7234	624907.68	4266143.16	2.39E-06	7.60E-07	3.15E-06	2.00E-06	5.69E-07	2.57E-06	4.74E-07	1.46E-07	6.20E-07	3.69E-07	7.02E-08	4.40E-07
7235	624907.84	4266133.23	2.43E-06	7.72E-07	3.20E-06	2.03E-06	5.78E-07	2.61E-06	4.81E-07	1.48E-07	6.29E-07	3.75E-07	7.13E-08	4.46E-07
7236	624908	4266123.3	2.47E-06	7.84E-07	3.25E-06	2.06E-06	5.87E-07	2.65E-06	4.89E-07	1.50E-07	6.39E-07	3.81E-07	7.24E-08	4.54E-07
7237	624908.17	4266113.36	2.51E-06	7.97E-07	3.31E-06	2.10E-06	5.97E-07	2.69E-06	4.97E-07	1.53E-07	6.50E-07	3.87E-07	7.36E-08	4.61E-07
7238	624908.33	4266103.43	2.55E-06	8.10E-07	3.36E-06	2.13E-06	6.07E-07	2.74E-06	5.05E-07	1.55E-07	6.60E-07	3.94E-07	7.48E-08	4.69E-07
7239	624908.49	4266093.5	2.59E-06	8.24E-07	3.42E-06	2.17E-06	6.17E-07	2.79E-06	5.14E-07	1.58E-07	6.71E-07	4.00E-07	7.60E-08	4.76E-07
7240	624908.66	4266083.56	2.64E-06	8.38E-07	3.47E-06	2.20E-06	6.27E-07	2.83E-06	5.22E-07	1.60E-07	6.82E-07	4.07E-07	7.73E-08	4.84E-07
7241	624908.82	4266073.63	2.68E-06	8.51E-07	3.53E-06	2.24E-06	6.37E-07	2.88E-06	5.31E-07	1.63E-07	6.94E-07	4.14E-07	7.86E-08	4.92E-07
7242	624908.98	4266063.7	2.72E-06	8.64E-07	3.59E-06	2.28E-06	6.47E-07	2.92E-06	5.39E-07	1.66E-07	7.04E-07	4.20E-07	7.98E-08	5.00E-07
7243	624909.15	4266053.76	2.76E-06	8.77E-07	3.64E-06	2.31E-06	6.57E-07	2.97E-06	5.47E-07	1.68E-07	7.15E-07	4.26E-07	8.10E-08	5.07E-07
7244	624909.31	4266043.83	2.80E-06	8.90E-07	3.69E-06	2.34E-06	6.66E-07	3.01E-06	5.55E-07	1.70E-07	7.25E-07	4.32E-07	8.21E-08	5.14E-07
7245	624909.47	4266033.9	2.84E-06	9.02E-07	3.74E-06	2.37E-06	6.76E-07	3.05E-06	5.62E-07	1.73E-07	7.35E-07	4.38E-07	8.33E-08	5.22E-07
7246	624909.64	4266023.96	2.88E-06	9.14E-07	3.79E-06	2.41E-06	6.84E-07	3.09E-06	5.70E-07	1.75E-07	7.45E-07	4.44E-07	8.44E-08	5.28E-07
7247	624909.8	4266014.03	2.91E-06	9.25E-07	3.84E-06	2.43E-06	6.93E-07	3.13E-06	5.77E-07	1.77E-07	7.54E-07	4.49E-07	8.54E-08	5.35E-07
7248	624909.96	4266004.1	2.94E-06	9.35E-07	3.88E-06	2.46E-06	7.00E-07	3.16E-06	5.82E-07	1.79E-07	7.62E-07	4.54E-07	8.62E-08	5.40E-07

7249	624910.13	4265994.16	2.97E-06	9.43E-07	3.91E-06	2.48E-06	7.06E-07	3.19E-06	5.88E-07	1.81E-07	7.68E-07	4.58E-07	8.70E-08	5.45E-07
7250	624910.29	4265984.23	2.99E-06	9.51E-07	3.94E-06	2.50E-06	7.12E-07	3.21E-06	5.93E-07	1.82E-07	7.75E-07	4.62E-07	8.77E-08	5.50E-07
7251	624910.46	4265974.3	3.01E-06	9.57E-07	3.97E-06	2.52E-06	7.17E-07	3.24E-06	5.97E-07	1.83E-07	7.80E-07	4.65E-07	8.83E-08	5.53E-07
7252	624910.62	4265964.36	3.03E-06	9.63E-07	4.00E-06	2.53E-06	7.21E-07	3.26E-06	6.00E-07	1.85E-07	7.85E-07	4.68E-07	8.89E-08	5.57E-07
7253	624910.78	4265954.43	3.05E-06	9.68E-07	4.01E-06	2.55E-06	7.25E-07	3.27E-06	6.03E-07	1.85E-07	7.89E-07	4.70E-07	8.93E-08	5.59E-07
7254	624910.95	4265944.5	3.06E-06	9.71E-07	4.03E-06	2.56E-06	7.27E-07	3.28E-06	6.05E-07	1.86E-07	7.91E-07	4.72E-07	8.96E-08	5.62E-07
7255	624911.11	4265934.56	3.07E-06	9.74E-07	4.04E-06	2.56E-06	7.29E-07	3.29E-06	6.07E-07	1.87E-07	7.94E-07	4.73E-07	8.99E-08	5.63E-07
7256	624911.27	4265924.63	3.07E-06	9.75E-07	4.05E-06	2.57E-06	7.30E-07	3.30E-06	6.08E-07	1.87E-07	7.95E-07	4.74E-07	9.00E-08	5.64E-07
7257	624911.44	4265914.7	3.07E-06	9.76E-07	4.05E-06	2.57E-06	7.31E-07	3.30E-06	6.08E-07	1.87E-07	7.95E-07	4.74E-07	9.01E-08	5.64E-07
7258	624911.6	4265904.76	3.07E-06	9.76E-07	4.05E-06	2.57E-06	7.31E-07	3.30E-06	6.08E-07	1.87E-07	7.95E-07	4.74E-07	9.01E-08	5.64E-07
7259	624911.76	4265894.83	3.07E-06	9.75E-07	4.04E-06	2.57E-06	7.30E-07	3.30E-06	6.08E-07	1.87E-07	7.94E-07	4.74E-07	9.00E-08	5.64E-07
7260	624911.93	4265884.9	3.06E-06	9.72E-07	4.03E-06	2.56E-06	7.28E-07	3.29E-06	6.06E-07	1.86E-07	7.92E-07	4.72E-07	8.97E-08	5.62E-07
7261	624912.09	4265874.96	3.05E-06	9.69E-07	4.02E-06	2.55E-06	7.25E-07	3.28E-06	6.04E-07	1.86E-07	7.90E-07	4.71E-07	8.94E-08	5.60E-07
7262	624912.25	4265865.03	3.04E-06	9.64E-07	4.00E-06	2.54E-06	7.22E-07	3.26E-06	6.01E-07	1.85E-07	7.86E-07	4.69E-07	8.90E-08	5.58E-07
7263	624912.42	4265855.1	3.02E-06	9.59E-07	3.98E-06	2.52E-06	7.18E-07	3.24E-06	5.98E-07	1.84E-07	7.81E-07	4.66E-07	8.85E-08	5.54E-07
7264	624912.58	4265845.16	3.00E-06	9.52E-07	3.95E-06	2.51E-06	7.13E-07	3.22E-06	5.93E-07	1.82E-07	7.76E-07	4.63E-07	8.79E-08	5.51E-07
7265	624912.75	4265835.23	2.98E-06	9.45E-07	3.92E-06	2.49E-06	7.07E-07	3.19E-06	5.89E-07	1.81E-07	7.70E-07	4.59E-07	8.72E-08	5.46E-07
7266	624912.91	4265825.3	2.95E-06	9.37E-07	3.89E-06	2.47E-06	7.01E-07	3.17E-06	5.84E-07	1.79E-07	7.63E-07	4.55E-07	8.65E-08	5.42E-07
7267	624913.07	4265815.36	2.92E-06	9.28E-07	3.85E-06	2.44E-06	6.95E-07	3.14E-06	5.78E-07	1.78E-07	7.56E-07	4.51E-07	8.56E-08	5.37E-07
7268	624913.24	4265805.43	2.89E-06	9.19E-07	3.81E-06	2.42E-06	6.88E-07	3.11E-06	5.73E-07	1.76E-07	7.49E-07	4.46E-07	8.48E-08	5.31E-07
7269	624913.4	4265795.5	2.86E-06	9.09E-07	3.77E-06	2.39E-06	6.81E-07	3.07E-06	5.67E-07	1.74E-07	7.41E-07	4.42E-07	8.39E-08	5.26E-07
7270	624913.56	4265785.56	2.83E-06	8.99E-07	3.73E-06	2.37E-06	6.73E-07	3.04E-06	5.60E-07	1.72E-07	7.33E-07	4.37E-07	8.30E-08	5.20E-07
7271	624913.73	4265775.63	2.80E-06	8.89E-07	3.69E-06	2.34E-06	6.65E-07	3.00E-06	5.54E-07	1.70E-07	7.24E-07	4.32E-07	8.20E-08	5.14E-07
7272	624913.89	4265765.7	2.77E-06	8.78E-07	3.64E-06	2.31E-06	6.58E-07	2.97E-06	5.47E-07	1.68E-07	7.16E-07	4.27E-07	8.10E-08	5.08E-07
7273	624914.05	4265755.76	2.73E-06	8.68E-07	3.60E-06	2.28E-06	6.50E-07	2.93E-06	5.41E-07	1.66E-07	7.07E-07	4.22E-07	8.01E-08	5.02E-07
7274	624914.22	4265745.83	2.70E-06	8.57E-07	3.56E-06	2.26E-06	6.42E-07	2.90E-06	5.34E-07	1.64E-07	6.98E-07	4.16E-07	7.91E-08	4.95E-07
7275	624914.38	4265735.9	2.66E-06	8.46E-07	3.51E-06	2.23E-06	6.34E-07	2.86E-06	5.27E-07	1.62E-07	6.90E-07	4.11E-07	7.81E-08	4.89E-07
7276	624914.54	4265725.96	2.63E-06	8.35E-07	3.47E-06	2.20E-06	6.25E-07	2.82E-06	5.21E-07	1.60E-07	6.81E-07	4.06E-07	7.71E-08	4.83E-07
7277	624914.71	4265716.03	2.60E-06	8.24E-07	3.42E-06	2.17E-06	6.17E-07	2.79E-06	5.14E-07	1.58E-07	6.72E-07	4.01E-07	7.61E-08	4.77E-07
7278	624914.87	4265706.1	2.56E-06	8.13E-07	3.37E-06	2.14E-06	6.09E-07	2.75E-06	5.07E-07	1.56E-07	6.63E-07	3.95E-07	7.51E-08	4.70E-07
7279	624915.03	4265696.16	2.53E-06	8.02E-07	3.33E-06	2.11E-06	6.01E-07	2.71E-06	5.00E-07	1.54E-07	6.54E-07	3.90E-07	7.40E-08	4.64E-07
7280	624915.2	4265686.23	2.49E-06	7.90E-07	3.28E-06	2.08E-06	5.92E-07	2.67E-06	4.93E-07	1.51E-07	6.44E-07	3.84E-07	7.30E-08	4.57E-07
7281	624915.36	4265676.3	2.45E-06	7.78E-07	3.23E-06	2.05E-06	5.83E-07	2.63E-06	4.85E-07	1.49E-07	6.34E-07	3.78E-07	7.18E-08	4.50E-07
7282	624906.84	4266177.86	2.26E-06	7.19E-07	2.98E-06	1.89E-06	5.38E-07	2.43E-06	4.48E-07	1.38E-07	5.86E-07	3.49E-07	6.64E-08	4.16E-07
7283	624899.72	4266194.25	2.31E-06	7.32E-07	3.04E-06	1.93E-06	5.48E-07	2.48E-06	4.56E-07	1.40E-07	5.97E-07	3.56E-07	6.76E-08	4.23E-07
7284	624917.67	4266143.33	2.21E-06	7.03E-07	2.92E-06	1.85E-06	5.27E-07	2.38E-06	4.38E-07	1.35E-07	5.73E-07	3.42E-07	6.49E-08	4.07E-07
7285	624917.84	4266133.4	2.25E-06	7.13E-07	2.96E-06	1.88E-06	5.34E-07	2.41E-06	4.45E-07	1.37E-07	5.81E-07	3.47E-07	6.58E-08	4.12E-07
7286	624918	4266123.46	2.28E-06	7.23E-07	3.00E-06	1.90E-06	5.42E-07	2.45E-06	4.51E-07	1.39E-07	5.89E-07	3.51E-07	6.68E-08	4.18E-07
7287	624918.16	4266113.53	2.31E-06	7.34E-07	3.04E-06	1.93E-06	5.49E-07	2.48E-06	4.57E-07	1.41E-07	5.98E-07	3.57E-07	6.77E-08	4.24E-07
7288	624918.33	4266103.6	2.34E-06	7.45E-07	3.09E-06	1.96E-06	5.58E-07	2.52E-06	4.64E-07	1.43E-07	6.07E-07	3.62E-07	6.87E-08	4.31E-07
7289	624918.49	4266093.66	2.38E-06	7.56E-07	3.14E-06	1.99E-06	5.66E-07	2.56E-06	4.71E-07	1.45E-07	6.16E-07	3.67E-07	6.98E-08	4.37E-07
7290	624918.66	4266083.73	2.42E-06	7.67E-07	3.18E-06	2.02E-06	5.74E-07	2.59E-06	4.78E-07	1.47E-07	6.25E-07	3.73E-07	7.08E-08	4.44E-07
7291	624918.82	4266073.8	2.45E-06	7.79E-07	3.23E-06	2.05E-06	5.83E-07	2.63E-06	4.85E-07	1.49E-07	6.34E-07	3.78E-07	7.19E-08	4.50E-07
7292	624918.98	4266063.86	2.49E-06	7.90E-07	3.28E-06	2.08E-06	5.91E-07	2.67E-06	4.92E-07	1.51E-07	6.44E-07	3.84E-07	7.29E-08	4.57E-07
7293	624919.15	4266053.93	2.52E-06	8.01E-07	3.32E-06	2.11E-06	5.99E-07	2.71E-06	4.99E-07	1.53E-07	6.52E-07	3.89E-07	7.39E-08	4.63E-07
7294	624919.31	4266044	2.55E-06	8.11E-07	3.37E-06	2.14E-06	6.07E-07	2.74E-06	5.06E-07	1.55E-07	6.61E-07	3.94E-07	7.49E-08	4.69E-07
7295	624919.47	4266034.06	2.59E-06	8.22E-07	3.41E-06	2.16E-06	6.15E-07	2.78E-06	5.12E-07	1.57E-07	6.70E-07	3.99E-07	7.59E-08	4.75E-07
7296	624919.64	4266024.13	2.62E-06	8.32E-07	3.45E-06	2.19E-06	6.23E-07	2.81E-06	5.19E-07	1.59E-07	6.78E-07	4.04E-07	7.68E-08	4.81E-07
7297	624919.8	4266014.2	2.65E-06	8.41E-07	3.49E-06	2.21E-06	6.30E-07	2.84E-06	5.24E-07	1.61E-07	6.86E-07	4.09E-07	7.77E-08	4.87E-07
7298	624919.96	4266004.26	2.68E-06	8.50E-07	3.53E-06	2.24E-06	6.36E-07	2.87E-06	5.30E-07	1.63E-07	6.92E-07	4.13E-07	7.84E-08	4.91E-07
7299	624920.13	4265994.33	2.70E-06	8.57E-07	3.56E-06	2.26E-06	6.42E-07	2.90E-06	5.34E-07	1.64E-07	6.98E-07	4.16E-07	7.91E-08	4.96E-07
7300	624920.29	4265984.4	2.72E-06	8.64E-07	3.58E-06	2.27E-06	6.47E-07	2.92E-06	5.38E-07	1.65E-07	7.04E-07	4.20E-07	7.97E-08	4.99E-07
7301	624920.45	4265974.46	2.74E-06	8.70E-07	3.61E-06	2.29E-06	6.51E-07	2.94E-06	5.42E-07	1.67E-07	7.09E-07	4.23E-07	8.03E-08	5.03E-07
7302	624920.62	4265964.53	2.75E-06	8.75E-07	3.63E-06	2.30E-06	6.55E-07	2.96E-06	5.45E-07	1.68E-07	7.13E-07	4.25E-07	8.07E-08	5.06E-07
7303	624920.78	4265954.6	2.77E-06	8.79E-07	3.65E-06	2.31E-06	6.58E-07	2.97E-06	5.48E-07	1.68E-07	7.16E-07	4.27E-07	8.11E-08	5.08E-07
7304	624920.94	4265944.66	2.78E-06	8.82E-07	3.66E-06	2.32E-06	6.61E-07	2.98E-06	5.50E-07	1.69E-07	7.19E-07	4.29E-07	8.14E-08	5.10E-07
7305	624921.11	4265934.73	2.79E-06	8.85E-07	3.67E-06	2.33E-06	6.62E-07	2.99E-06	5.51E-07	1.70E-07	7.21E-07	4.30E-07	8.17E-08	5.12E-07
7306	624921.27	4265924.8	2.79E-06	8.86E-07	3.68E-06	2.33E-06	6.64E-07	3.00E-06	5.52E-07	1.70E-07	7.22E-07	4.31E-07	8.18E-08	5.12E-07
7307	624921.44	4265914.86	2.79E-06	8.88E-07	3.68E-06	2.34E-06	6.65E-07	3.00E-06	5.53E-07	1.70E-07	7.23E-07	4.31E-07	8.19E-08	5.13E-07
7308	624921.6	4265904.93	2.80E-06	8.88E-07	3.68E-06	2.34E-06	6.65E-07	3.00E-06	5.53E-07	1.70E-07	7.24E-07	4.31E-07	8.20E-08	5.13E-07
7309	624921.76	4265895	2.79E-06	8.87E-07	3.68E-06	2.34E-06	6.64E-07	3.00E-06	5.53E-07	1.70E-07	7.23E-07	4.31E-07	8.19E-08	5.13E-07
7310	624921.93	4265885.06	2.79E-06	8.86E-07	3.67E-06	2.33E-06	6.63E-07	2.99E-06	5.52E-07	1.70E-07	7.22E-07	4.30E-07	8.17E-08	5.12E-07
7311	624922.09	4265875.13	2.78E-06	8.83E-07	3.66E-06	2.32E-06	6.61E-07	2.98E-06	5.50E-07	1.69E-07	7.19E-07	4.29E-07	8.15E-08	5.10E-07
7312	624922.25	4265865.2	2.77E-06	8.79E-07	3.65E-06	2.31E-06	6.58E-07	2.97E-06	5.48E-07	1.68E-07	7.16E-07	4.27E-07	8.11E-08	5.08E-07
7313	624922.42	4265855.26	2.75E-06	8.75E-07	3.63E-06	2.30E-06	6.55E-07	2.96E-06	5.45E-07	1.68E-07	7.13E-07	4.25E-07	8.07E-08	5.06E-07
7314	624922.58	4265845.33	2.74E-06	8.70E-07	3.61E-06	2.29E-06	6.51E-07	2.94E-06	5.42E-07	1.67E-07	7.09E-07	4.23E-07	8.03E-08	5.03E-07
7315	624922.74	4265835.4	2.72E-06	8.64E-07	3.58E-06	2.27E-06	6.47E-07	2.92E-06	5.38E-07	1.66E-07	7.04E-07	4.20E-07	7.97E-08	5.00E-07
7316	624922.91	4265825.46	2.70E-06	8.58E-07	3.56E-06	2.26E-06	6.42E-07	2.90E-06	5.34E-07	1.64E-07	6.99E-07	4.17E-07	7.91E-08	4.96E-07
7317	624923.07	4265815.53	2.68E-06	8.51E-07	3.53E-06	2.24E-06	6.37E-07	2.88E-06	5.30E-07	1.63E-07	6.93E-07	4.13E-07	7.85E-08	4.92E-07
7318	624923.23	4265805.6	2.66E-06	8.43E-07	3.50E-06	2.22E-06	6.32E-07	2.85E-06	5.26E-07	1.62E-07	6.87E-07	4.10E-07	7.78E-08	4.88E-07
7319	624923.4	4265795.66	2.63E-06	8.36E-07	3.47E-06	2.20E-06	6.26E-07	2.83E-06	5.21E-07	1.60E-07	6.81E-07	4.06E-07	7.71E-08	4.83E-07
7320	624923.56	4265785.73	2.61E-06	8.28E-07	3.43E-06	2.18E-06	6.20E-07	2.80E-06	5.16E-07	1.59E-07	6.75E-07	4.02E-07	7.64E-08	4.79E-07
7321	624923.73	4265775.8	2.58E-06	8.20E-07	3.40E-06	2.16E-06	6.14E-07	2.77E-06	5.11E-07	1.57E-07	6.68E-07	3.98E-07	7.56E-08	4.74E-07
7322	624923.89	4265765.86	2.55E-06	8.11E-07	3.37E-06	2.14E-06	6.07E-07	2.74E-06	5.06E-07	1.55E-07	6.61E-07	3.94E-07	7.49E-08	4.69E-07

7323	624924.05	4265755.93	2.53E-06	8.03E-07	3.33E-06	2.11E-06	6.01E-07	2.71E-06	5.00E-07	1.54E-07	6.54E-07	3.90E-07	7.41E-08	4.64E-07
7324	624924.22	4265746	2.50E-06	7.94E-07	3.30E-06	2.09E-06	5.95E-07	2.69E-06	4.95E-07	1.52E-07	6.47E-07	3.86E-07	7.33E-08	4.59E-07
7325	624924.38	4265736.06	2.47E-06	7.85E-07	3.26E-06	2.07E-06	5.88E-07	2.66E-06	4.90E-07	1.50E-07	6.40E-07	3.82E-07	7.25E-08	4.54E-07
7326	624924.54	4265726.13	2.45E-06	7.77E-07	3.22E-06	2.04E-06	5.81E-07	2.63E-06	4.84E-07	1.49E-07	6.33E-07	3.77E-07	7.17E-08	4.49E-07
7327	624924.71	4265716.2	2.42E-06	7.68E-07	3.18E-06	2.02E-06	5.75E-07	2.59E-06	4.78E-07	1.47E-07	6.25E-07	3.73E-07	7.08E-08	4.44E-07
7328	624924.87	4265706.26	2.39E-06	7.59E-07	3.15E-06	2.00E-06	5.68E-07	2.56E-06	4.73E-07	1.45E-07	6.18E-07	3.69E-07	7.00E-08	4.39E-07
7329	624925.03	4265696.33	2.36E-06	7.49E-07	3.11E-06	1.97E-06	5.61E-07	2.53E-06	4.67E-07	1.44E-07	6.11E-07	3.64E-07	6.92E-08	4.33E-07
7330	624925.2	4265686.4	2.33E-06	7.40E-07	3.07E-06	1.95E-06	5.54E-07	2.50E-06	4.61E-07	1.42E-07	6.03E-07	3.59E-07	6.83E-08	4.28E-07
7331	624925.36	4265676.46	2.30E-06	7.30E-07	3.03E-06	1.92E-06	5.46E-07	2.47E-06	4.55E-07	1.40E-07	5.95E-07	3.54E-07	6.73E-08	4.22E-07
7332	624917.05	4266177.52	2.11E-06	6.69E-07	2.77E-06	1.76E-06	5.01E-07	2.26E-06	4.17E-07	1.28E-07	5.45E-07	3.25E-07	6.17E-08	3.87E-07
7333	624910.08	4266193.58	2.15E-06	6.81E-07	2.83E-06	1.79E-06	5.10E-07	2.30E-06	4.25E-07	1.31E-07	5.55E-07	3.31E-07	6.29E-08	3.94E-07
7334	624862.38	4266225.68	2.73E-06	8.66E-07	3.59E-06	2.28E-06	6.48E-07	2.93E-06	5.40E-07	1.66E-07	7.06E-07	4.21E-07	7.99E-08	5.01E-07
7335	624927.67	4266143.49	2.06E-06	6.53E-07	2.71E-06	1.72E-06	4.89E-07	2.21E-06	4.07E-07	1.25E-07	5.32E-07	3.17E-07	6.03E-08	3.78E-07
7336	624927.84	4266133.56	2.08E-06	6.61E-07	2.74E-06	1.74E-06	4.95E-07	2.24E-06	4.12E-07	1.27E-07	5.39E-07	3.21E-07	6.10E-08	3.82E-07
7337	624928	4266123.63	2.11E-06	6.70E-07	2.78E-06	1.76E-06	5.01E-07	2.26E-06	4.17E-07	1.28E-07	5.46E-07	3.25E-07	6.18E-08	3.87E-07
7338	624928.16	4266113.69	2.14E-06	6.78E-07	2.81E-06	1.79E-06	5.08E-07	2.29E-06	4.23E-07	1.30E-07	5.53E-07	3.30E-07	6.26E-08	3.92E-07
7339	624928.33	4266103.76	2.16E-06	6.87E-07	2.85E-06	1.81E-06	5.15E-07	2.32E-06	4.28E-07	1.32E-07	5.60E-07	3.34E-07	6.34E-08	3.97E-07
7340	624928.49	4266093.83	2.19E-06	6.97E-07	2.89E-06	1.83E-06	5.22E-07	2.36E-06	4.34E-07	1.33E-07	5.68E-07	3.38E-07	6.43E-08	4.03E-07
7341	624928.65	4266083.89	2.22E-06	7.06E-07	2.93E-06	1.86E-06	5.29E-07	2.39E-06	4.40E-07	1.35E-07	5.75E-07	3.43E-07	6.52E-08	4.08E-07
7342	624928.82	4266073.96	2.25E-06	7.16E-07	2.97E-06	1.88E-06	5.36E-07	2.42E-06	4.46E-07	1.37E-07	5.83E-07	3.48E-07	6.61E-08	4.14E-07
7343	624928.98	4266064.03	2.28E-06	7.25E-07	3.01E-06	1.91E-06	5.43E-07	2.45E-06	4.52E-07	1.39E-07	5.91E-07	3.52E-07	6.69E-08	4.19E-07
7344	624929.14	4266054.09	2.31E-06	7.35E-07	3.05E-06	1.93E-06	5.50E-07	2.48E-06	4.58E-07	1.41E-07	5.99E-07	3.57E-07	6.78E-08	4.25E-07
7345	624929.31	4266044.16	2.34E-06	7.43E-07	3.08E-06	1.96E-06	5.57E-07	2.51E-06	4.63E-07	1.42E-07	6.06E-07	3.61E-07	6.86E-08	4.30E-07
7346	624929.47	4266034.23	2.37E-06	7.53E-07	3.12E-06	1.98E-06	5.63E-07	2.54E-06	4.69E-07	1.44E-07	6.13E-07	3.66E-07	6.95E-08	4.35E-07
7347	624929.64	4266024.29	2.40E-06	7.61E-07	3.16E-06	2.00E-06	5.70E-07	2.57E-06	4.74E-07	1.46E-07	6.20E-07	3.70E-07	7.03E-08	4.40E-07
7348	624929.8	4266014.36	2.42E-06	7.69E-07	3.19E-06	2.03E-06	5.76E-07	2.60E-06	4.80E-07	1.47E-07	6.27E-07	3.74E-07	7.10E-08	4.45E-07
7349	624929.96	4266004.43	2.45E-06	7.76E-07	3.22E-06	2.04E-06	5.81E-07	2.63E-06	4.84E-07	1.49E-07	6.33E-07	3.77E-07	7.17E-08	4.49E-07
7350	624930.13	4265994.49	2.47E-06	7.83E-07	3.25E-06	2.06E-06	5.86E-07	2.65E-06	4.88E-07	1.50E-07	6.38E-07	3.80E-07	7.23E-08	4.53E-07
7351	624930.29	4265984.56	2.48E-06	7.89E-07	3.27E-06	2.08E-06	5.91E-07	2.67E-06	4.92E-07	1.51E-07	6.43E-07	3.83E-07	7.28E-08	4.56E-07
7352	624930.45	4265974.63	2.50E-06	7.94E-07	3.29E-06	2.09E-06	5.94E-07	2.68E-06	4.95E-07	1.52E-07	6.47E-07	3.86E-07	7.33E-08	4.59E-07
7353	624930.62	4265964.69	2.51E-06	7.98E-07	3.31E-06	2.10E-06	5.98E-07	2.70E-06	4.98E-07	1.53E-07	6.51E-07	3.88E-07	7.37E-08	4.62E-07
7354	624930.78	4265954.76	2.53E-06	8.02E-07	3.33E-06	2.11E-06	6.01E-07	2.71E-06	5.00E-07	1.54E-07	6.54E-07	3.90E-07	7.40E-08	4.64E-07
7355	624930.94	4265944.83	2.54E-06	8.05E-07	3.34E-06	2.12E-06	6.03E-07	2.72E-06	5.02E-07	1.54E-07	6.56E-07	3.91E-07	7.43E-08	4.66E-07
7356	624931.11	4265934.89	2.54E-06	8.08E-07	3.35E-06	2.13E-06	6.05E-07	2.73E-06	5.03E-07	1.55E-07	6.58E-07	3.92E-07	7.45E-08	4.67E-07
7357	624931.27	4265924.96	2.55E-06	8.09E-07	3.36E-06	2.13E-06	6.06E-07	2.74E-06	5.04E-07	1.55E-07	6.59E-07	3.93E-07	7.47E-08	4.68E-07
7358	624931.43	4265915.03	2.55E-06	8.11E-07	3.36E-06	2.13E-06	6.07E-07	2.74E-06	5.05E-07	1.55E-07	6.61E-07	3.94E-07	7.48E-08	4.69E-07
7359	624931.6	4265905.09	2.56E-06	8.11E-07	3.37E-06	2.14E-06	6.08E-07	2.74E-06	5.06E-07	1.55E-07	6.61E-07	3.94E-07	7.49E-08	4.69E-07
7360	624931.76	4265895.16	2.56E-06	8.11E-07	3.37E-06	2.14E-06	6.08E-07	2.74E-06	5.06E-07	1.55E-07	6.61E-07	3.94E-07	7.49E-08	4.69E-07
7361	624931.92	4265885.23	2.55E-06	8.10E-07	3.36E-06	2.13E-06	6.07E-07	2.74E-06	5.05E-07	1.55E-07	6.60E-07	3.94E-07	7.48E-08	4.68E-07
7362	624932.09	4265875.29	2.54E-06	8.08E-07	3.35E-06	2.13E-06	6.05E-07	2.73E-06	5.04E-07	1.55E-07	6.58E-07	3.93E-07	7.46E-08	4.67E-07
7363	624932.25	4265865.36	2.54E-06	8.05E-07	3.34E-06	2.12E-06	6.03E-07	2.72E-06	5.02E-07	1.54E-07	6.56E-07	3.91E-07	7.43E-08	4.66E-07
7364	624932.42	4265855.43	2.53E-06	8.02E-07	3.33E-06	2.11E-06	6.00E-07	2.71E-06	5.00E-07	1.54E-07	6.54E-07	3.90E-07	7.40E-08	4.64E-07
7365	624932.58	4265845.49	2.51E-06	7.98E-07	3.31E-06	2.10E-06	5.98E-07	2.70E-06	4.97E-07	1.53E-07	6.50E-07	3.88E-07	7.37E-08	4.61E-07
7366	624932.74	4265835.56	2.50E-06	7.94E-07	3.29E-06	2.09E-06	5.94E-07	2.68E-06	4.95E-07	1.52E-07	6.47E-07	3.86E-07	7.33E-08	4.59E-07
7367	624932.91	4265825.63	2.48E-06	7.89E-07	3.27E-06	2.08E-06	5.91E-07	2.67E-06	4.92E-07	1.51E-07	6.43E-07	3.83E-07	7.28E-08	4.56E-07
7368	624933.07	4265815.69	2.47E-06	7.84E-07	3.25E-06	2.06E-06	5.87E-07	2.65E-06	4.88E-07	1.50E-07	6.38E-07	3.81E-07	7.23E-08	4.53E-07
7369	624933.23	4265805.76	2.45E-06	7.78E-07	3.23E-06	2.05E-06	5.82E-07	2.63E-06	4.85E-07	1.49E-07	6.34E-07	3.78E-07	7.18E-08	4.50E-07
7370	624933.4	4265795.83	2.43E-06	7.72E-07	3.20E-06	2.03E-06	5.78E-07	2.61E-06	4.81E-07	1.48E-07	6.29E-07	3.75E-07	7.12E-08	4.46E-07
7371	624933.56	4265785.89	2.41E-06	7.66E-07	3.18E-06	2.02E-06	5.73E-07	2.59E-06	4.77E-07	1.47E-07	6.24E-07	3.72E-07	7.07E-08	4.43E-07
7372	624933.72	4265775.96	2.39E-06	7.59E-07	3.15E-06	2.00E-06	5.68E-07	2.57E-06	4.73E-07	1.45E-07	6.19E-07	3.69E-07	7.01E-08	4.39E-07
7373	624933.89	4265766.03	2.37E-06	7.53E-07	3.12E-06	1.98E-06	5.63E-07	2.54E-06	4.69E-07	1.44E-07	6.13E-07	3.66E-07	6.95E-08	4.35E-07
7374	624934.05	4265756.09	2.35E-06	7.46E-07	3.09E-06	1.96E-06	5.58E-07	2.52E-06	4.65E-07	1.43E-07	6.08E-07	3.62E-07	6.88E-08	4.31E-07
7375	624934.21	4265746.16	2.33E-06	7.39E-07	3.06E-06	1.94E-06	5.53E-07	2.50E-06	4.60E-07	1.42E-07	6.02E-07	3.59E-07	6.82E-08	4.27E-07
7376	624934.38	4265736.23	2.30E-06	7.31E-07	3.03E-06	1.93E-06	5.48E-07	2.47E-06	4.56E-07	1.40E-07	5.96E-07	3.55E-07	6.75E-08	4.23E-07
7377	624934.54	4265726.29	2.28E-06	7.24E-07	3.00E-06	1.91E-06	5.42E-07	2.45E-06	4.51E-07	1.39E-07	5.90E-07	3.52E-07	6.68E-08	4.19E-07
7378	624934.7	4265716.36	2.26E-06	7.17E-07	2.97E-06	1.89E-06	5.37E-07	2.42E-06	4.47E-07	1.37E-07	5.84E-07	3.48E-07	6.62E-08	4.14E-07
7379	624934.87	4265706.43	2.23E-06	7.10E-07	2.94E-06	1.87E-06	5.31E-07	2.40E-06	4.42E-07	1.36E-07	5.78E-07	3.45E-07	6.55E-08	4.10E-07
7380	624935.03	4265696.49	2.21E-06	7.02E-07	2.91E-06	1.85E-06	5.26E-07	2.37E-06	4.38E-07	1.35E-07	5.72E-07	3.41E-07	6.48E-08	4.06E-07
7381	624935.2	4265686.56	2.19E-06	6.94E-07	2.88E-06	1.83E-06	5.20E-07	2.35E-06	4.33E-07	1.33E-07	5.66E-07	3.37E-07	6.41E-08	4.01E-07
7382	624935.36	4265676.63	2.16E-06	6.86E-07	2.85E-06	1.81E-06	5.13E-07	2.32E-06	4.27E-07	1.31E-07	5.59E-07	3.33E-07	6.33E-08	3.97E-07
7383	624925.74	4266180.69	1.97E-06	6.27E-07	2.60E-06	1.65E-06	4.69E-07	2.12E-06	3.90E-07	1.20E-07	5.11E-07	3.04E-07	5.78E-08	3.62E-07
7384	624921.82	4266189.73	1.99E-06	6.33E-07	2.63E-06	1.67E-06	4.74E-07	2.14E-06	3.95E-07	1.21E-07	5.16E-07	3.08E-07	5.85E-08	3.66E-07
7385	624917.9	4266198.76	2.01E-06	6.40E-07	2.65E-06	1.68E-06	4.79E-07	2.16E-06	3.99E-07	1.23E-07	5.21E-07	3.11E-07	5.90E-08	3.70E-07
7386	624891.73	4266224.05	2.26E-06	7.18E-07	2.98E-06	1.89E-06	5.38E-07	2.43E-06	4.48E-07	1.38E-07	5.85E-07	3.49E-07	6.63E-08	4.15E-07
7387	624873.4	4266231.27	2.49E-06	7.90E-07	3.28E-06	2.08E-06	5.91E-07	2.67E-06	4.92E-07	1.51E-07	6.43E-07	3.84E-07	7.29E-08	4.57E-07
7388	624864.24	4266234.88	2.59E-06	8.24E-07	3.42E-06	2.17E-06	6.17E-07	2.79E-06	5.13E-07	1.58E-07	6.71E-07	4.00E-07	7.60E-08	4.76E-07
7389	624855.08	4266238.49	2.69E-06	8.55E-07	3.55E-06	2.25E-06	6.40E-07	2.89E-06	5.33E-07	1.64E-07	6.97E-07	4.16E-07	7.90E-08	4.95E-07
7390	624937.67	4266143.66	1.92E-06	6.09E-07	2.52E-06	1.60E-06	4.56E-07	2.06E-06	3.79E-07	1.17E-07	4.96E-07	2.96E-07	5.62E-08	3.52E-07
7391	624937.83	4266133.72	1.94E-06	6.15E-07	2.55E-06	1.62E-06	4.61E-07	2.08E-06	3.84E-07	1.18E-07	5.01E-07	2.99E-07	5.68E-08	3.56E-07
7392	624938	4266123.79	1.96E-06	6.22E-07	2.58E-06	1.64E-06	4.66E-07	2.10E-06	3.88E-07	1.19E-07	5.07E-07	3.02E-07	5.74E-08	3.60E-07
7393	624938.16	4266113.86	1.98E-06	6.29E-07	2.61E-06	1.66E-06	4.71E-07	2.13E-06	3.92E-07	1.21E-07	5.13E-07	3.06E-07	5.81E-08	3.64E-07
7394	624938.33	4266103.92	2.01E-06	6.37E-07	2.64E-06	1.68E-06	4.77E-07	2.15E-06	3.97E-07	1.22E-07	5.19E-07	3.09E-07	5.88E-08	3.68E-07
7395	624938.49	4266093.99	2.03E-06	6.45E-07	2.67E-06	1.70E-06	4.83E-07	2.18E-06	4.02E-07	1.24E-07	5.25E-07	3.13E-07	5.95E-08	3.73E-07
7396	624938.65	4266084.06	2.06E-06	6.53E-07	2.71E-06	1.72E-06	4.89E-07	2.21E-06	4.07E-07	1.25E-07	5.32E-07	3.17E-07	6.02E-08	3.77E-07

7397	624938.82	4266074.12	2.08E-06	6.61E-07	2.74E-06	1.74E-06	4.95E-07	2.23E-06	4.12E-07	1.27E-07	5.38E-07	3.21E-07	6.10E-08	3.82E-07
7398	624938.98	4266064.19	2.11E-06	6.69E-07	2.77E-06	1.76E-06	5.01E-07	2.26E-06	4.17E-07	1.28E-07	5.45E-07	3.25E-07	6.17E-08	3.87E-07
7399	624939.14	4266054.26	2.13E-06	6.77E-07	2.81E-06	1.78E-06	5.07E-07	2.29E-06	4.22E-07	1.30E-07	5.51E-07	3.29E-07	6.25E-08	3.91E-07
7400	624939.31	4266044.32	2.16E-06	6.84E-07	2.84E-06	1.80E-06	5.12E-07	2.31E-06	4.27E-07	1.31E-07	5.58E-07	3.33E-07	6.32E-08	3.96E-07
7401	624939.47	4266034.39	2.18E-06	6.92E-07	2.87E-06	1.82E-06	5.18E-07	2.34E-06	4.31E-07	1.33E-07	5.64E-07	3.36E-07	6.39E-08	4.00E-07
7402	624939.63	4266024.46	2.20E-06	7.00E-07	2.90E-06	1.84E-06	5.24E-07	2.37E-06	4.36E-07	1.34E-07	5.70E-07	3.40E-07	6.46E-08	4.05E-07
7403	624939.8	4266014.52	2.23E-06	7.07E-07	2.93E-06	1.86E-06	5.29E-07	2.39E-06	4.41E-07	1.35E-07	5.76E-07	3.43E-07	6.52E-08	4.09E-07
7404	624939.96	4266004.59	2.25E-06	7.13E-07	2.96E-06	1.88E-06	5.34E-07	2.41E-06	4.44E-07	1.37E-07	5.81E-07	3.46E-07	6.58E-08	4.12E-07
7405	624940.12	4265994.66	2.26E-06	7.19E-07	2.98E-06	1.89E-06	5.38E-07	2.43E-06	4.48E-07	1.38E-07	5.86E-07	3.49E-07	6.63E-08	4.15E-07
7406	624940.29	4265984.72	2.28E-06	7.24E-07	3.00E-06	1.90E-06	5.42E-07	2.45E-06	4.51E-07	1.39E-07	5.90E-07	3.52E-07	6.68E-08	4.18E-07
7407	624940.45	4265974.79	2.29E-06	7.28E-07	3.02E-06	1.92E-06	5.45E-07	2.46E-06	4.54E-07	1.40E-07	5.93E-07	3.54E-07	6.72E-08	4.21E-07
7408	624940.62	4265964.86	2.31E-06	7.32E-07	3.04E-06	1.93E-06	5.48E-07	2.48E-06	4.56E-07	1.40E-07	5.97E-07	3.56E-07	6.76E-08	4.23E-07
7409	624940.78	4265954.92	2.32E-06	7.36E-07	3.05E-06	1.94E-06	5.51E-07	2.49E-06	4.59E-07	1.41E-07	5.99E-07	3.57E-07	6.79E-08	4.25E-07
7410	624940.94	4265944.99	2.33E-06	7.38E-07	3.06E-06	1.94E-06	5.53E-07	2.50E-06	4.60E-07	1.41E-07	6.02E-07	3.59E-07	6.82E-08	4.27E-07
7411	624941.11	4265935.06	2.33E-06	7.41E-07	3.07E-06	1.95E-06	5.55E-07	2.50E-06	4.62E-07	1.42E-07	6.04E-07	3.60E-07	6.84E-08	4.28E-07
7412	624941.27	4265925.12	2.34E-06	7.42E-07	3.08E-06	1.95E-06	5.56E-07	2.51E-06	4.63E-07	1.42E-07	6.05E-07	3.61E-07	6.85E-08	4.29E-07
7413	624941.43	4265915.19	2.34E-06	7.44E-07	3.09E-06	1.96E-06	5.57E-07	2.51E-06	4.64E-07	1.43E-07	6.06E-07	3.61E-07	6.86E-08	4.30E-07
7414	624941.6	4265905.26	2.34E-06	7.45E-07	3.09E-06	1.96E-06	5.58E-07	2.52E-06	4.64E-07	1.43E-07	6.07E-07	3.62E-07	6.87E-08	4.31E-07
7415	624941.76	4265895.32	2.35E-06	7.45E-07	3.09E-06	1.96E-06	5.58E-07	2.52E-06	4.64E-07	1.43E-07	6.07E-07	3.62E-07	6.88E-08	4.31E-07
7416	624941.92	4265885.39	2.34E-06	7.44E-07	3.09E-06	1.96E-06	5.57E-07	2.52E-06	4.64E-07	1.43E-07	6.06E-07	3.62E-07	6.87E-08	4.30E-07
7417	624942.09	4265875.46	2.34E-06	7.43E-07	3.08E-06	1.95E-06	5.56E-07	2.51E-06	4.63E-07	1.42E-07	6.05E-07	3.61E-07	6.86E-08	4.29E-07
7418	624942.25	4265865.52	2.33E-06	7.41E-07	3.07E-06	1.95E-06	5.55E-07	2.50E-06	4.62E-07	1.42E-07	6.04E-07	3.60E-07	6.84E-08	4.28E-07
7419	624942.41	4265855.59	2.33E-06	7.39E-07	3.06E-06	1.94E-06	5.53E-07	2.50E-06	4.60E-07	1.41E-07	6.02E-07	3.59E-07	6.82E-08	4.27E-07
7420	624942.58	4265845.66	2.32E-06	7.36E-07	3.05E-06	1.94E-06	5.51E-07	2.49E-06	4.58E-07	1.41E-07	5.99E-07	3.57E-07	6.79E-08	4.25E-07
7421	624942.74	4265835.72	2.31E-06	7.32E-07	3.04E-06	1.93E-06	5.48E-07	2.48E-06	4.56E-07	1.40E-07	5.97E-07	3.56E-07	6.76E-08	4.23E-07
7422	624942.9	4265825.79	2.29E-06	7.29E-07	3.02E-06	1.92E-06	5.46E-07	2.46E-06	4.54E-07	1.40E-07	5.94E-07	3.54E-07	6.72E-08	4.21E-07
7423	624943.07	4265815.86	2.28E-06	7.25E-07	3.01E-06	1.91E-06	5.42E-07	2.45E-06	4.52E-07	1.39E-07	5.90E-07	3.52E-07	6.69E-08	4.19E-07
7424	624943.23	4265805.92	2.27E-06	7.20E-07	2.99E-06	1.90E-06	5.39E-07	2.43E-06	4.49E-07	1.38E-07	5.87E-07	3.50E-07	6.65E-08	4.16E-07
7425	624943.4	4265795.99	2.25E-06	7.16E-07	2.97E-06	1.88E-06	5.36E-07	2.42E-06	4.46E-07	1.37E-07	5.83E-07	3.48E-07	6.60E-08	4.14E-07
7426	624943.56	4265786.06	2.24E-06	7.11E-07	2.95E-06	1.87E-06	5.32E-07	2.40E-06	4.43E-07	1.36E-07	5.79E-07	3.45E-07	6.56E-08	4.11E-07
7427	624943.72	4265776.12	2.22E-06	7.06E-07	2.93E-06	1.86E-06	5.28E-07	2.39E-06	4.40E-07	1.35E-07	5.75E-07	3.43E-07	6.51E-08	4.08E-07
7428	624943.89	4265766.19	2.21E-06	7.00E-07	2.91E-06	1.84E-06	5.24E-07	2.37E-06	4.36E-07	1.34E-07	5.71E-07	3.40E-07	6.46E-08	4.05E-07
7429	624944.05	4265756.26	2.19E-06	6.95E-07	2.88E-06	1.83E-06	5.20E-07	2.35E-06	4.33E-07	1.33E-07	5.66E-07	3.38E-07	6.41E-08	4.02E-07
7430	624944.21	4265746.32	2.17E-06	6.89E-07	2.86E-06	1.81E-06	5.16E-07	2.33E-06	4.29E-07	1.32E-07	5.62E-07	3.35E-07	6.36E-08	3.98E-07
7431	624944.38	4265736.39	2.15E-06	6.83E-07	2.83E-06	1.80E-06	5.11E-07	2.31E-06	4.26E-07	1.31E-07	5.57E-07	3.32E-07	6.30E-08	3.95E-07
7432	624944.54	4265726.46	2.13E-06	6.77E-07	2.81E-06	1.78E-06	5.07E-07	2.29E-06	4.22E-07	1.30E-07	5.52E-07	3.29E-07	6.25E-08	3.92E-07
7433	624944.7	4265716.52	2.11E-06	6.71E-07	2.78E-06	1.77E-06	5.03E-07	2.27E-06	4.18E-07	1.29E-07	5.47E-07	3.26E-07	6.19E-08	3.88E-07
7434	624944.87	4265706.59	2.09E-06	6.65E-07	2.76E-06	1.75E-06	4.98E-07	2.25E-06	4.15E-07	1.27E-07	5.42E-07	3.23E-07	6.14E-08	3.85E-07
7435	624945.03	4265696.66	2.08E-06	6.59E-07	2.74E-06	1.74E-06	4.94E-07	2.23E-06	4.11E-07	1.26E-07	5.37E-07	3.20E-07	6.08E-08	3.81E-07
7436	624945.19	4265686.72	2.06E-06	6.53E-07	2.71E-06	1.72E-06	4.89E-07	2.21E-06	4.07E-07	1.25E-07	5.32E-07	3.17E-07	6.03E-08	3.78E-07
7437	624945.36	4265676.79	2.03E-06	6.46E-07	2.68E-06	1.70E-06	4.84E-07	2.18E-06	4.03E-07	1.24E-07	5.26E-07	3.14E-07	5.96E-08	3.73E-07
7438	624936.07	4266180.11	1.84E-06	5.86E-07	2.43E-06	1.54E-06	4.39E-07	1.98E-06	3.65E-07	1.12E-07	4.77E-07	2.85E-07	5.41E-08	3.39E-07
7439	624932.26	4266188.89	1.86E-06	5.92E-07	2.46E-06	1.56E-06	4.43E-07	2.00E-06	3.69E-07	1.13E-07	4.83E-07	2.88E-07	5.47E-08	3.42E-07
7440	624928.44	4266197.67	1.88E-06	5.98E-07	2.48E-06	1.57E-06	4.48E-07	2.02E-06	3.73E-07	1.15E-07	4.87E-07	2.91E-07	5.52E-08	3.46E-07
7441	624908.1	4266227.53	2.02E-06	6.41E-07	2.66E-06	1.69E-06	4.80E-07	2.17E-06	4.00E-07	1.23E-07	5.22E-07	3.11E-07	5.92E-08	3.71E-07
7442	624899.19	4266231.04	2.12E-06	6.72E-07	2.79E-06	1.77E-06	5.03E-07	2.27E-06	4.19E-07	1.29E-07	5.47E-07	3.26E-07	6.20E-08	3.88E-07
7443	624890.28	4266234.55	2.21E-06	7.03E-07	2.92E-06	1.85E-06	5.26E-07	2.38E-06	4.38E-07	1.35E-07	5.73E-07	3.42E-07	6.49E-08	4.06E-07
7444	624881.37	4266238.06	2.31E-06	7.34E-07	3.05E-06	1.93E-06	5.50E-07	2.48E-06	4.57E-07	1.41E-07	5.98E-07	3.57E-07	6.77E-08	4.24E-07
7445	624872.46	4266241.57	2.41E-06	7.64E-07	3.17E-06	2.01E-06	5.72E-07	2.58E-06	4.76E-07	1.46E-07	6.23E-07	3.71E-07	7.05E-08	4.42E-07
7446	624863.55	4266245.08	2.50E-06	7.93E-07	3.29E-06	2.09E-06	5.93E-07	2.68E-06	4.94E-07	1.52E-07	6.46E-07	3.85E-07	7.32E-08	4.58E-07
7447	624854.64	4266248.59	2.58E-06	8.18E-07	3.40E-06	2.15E-06	6.13E-07	2.77E-06	5.10E-07	1.57E-07	6.67E-07	3.98E-07	7.55E-08	4.73E-07
7448	624947.67	4266143.82	1.79E-06	5.69E-07	2.36E-06	1.50E-06	4.26E-07	1.92E-06	3.54E-07	1.09E-07	4.63E-07	2.76E-07	5.25E-08	3.29E-07
7449	624947.83	4266133.89	1.81E-06	5.74E-07	2.38E-06	1.51E-06	4.30E-07	1.94E-06	3.58E-07	1.10E-07	4.68E-07	2.79E-07	5.30E-08	3.32E-07
7450	624948	4266123.96	1.83E-06	5.80E-07	2.41E-06	1.53E-06	4.34E-07	1.96E-06	3.62E-07	1.11E-07	4.73E-07	2.82E-07	5.35E-08	3.35E-07
7451	624948.16	4266114.02	1.85E-06	5.86E-07	2.43E-06	1.54E-06	4.39E-07	1.98E-06	3.65E-07	1.12E-07	4.78E-07	2.85E-07	5.41E-08	3.39E-07
7452	624948.32	4266104.09	1.87E-06	5.92E-07	2.46E-06	1.56E-06	4.44E-07	2.00E-06	3.69E-07	1.13E-07	4.83E-07	2.88E-07	5.47E-08	3.42E-07
7453	624948.49	4266094.16	1.89E-06	5.99E-07	2.48E-06	1.58E-06	4.48E-07	2.02E-06	3.73E-07	1.15E-07	4.88E-07	2.91E-07	5.53E-08	3.46E-07
7454	624948.65	4266084.22	1.91E-06	6.06E-07	2.51E-06	1.59E-06	4.53E-07	2.05E-06	3.77E-07	1.16E-07	4.93E-07	2.94E-07	5.59E-08	3.50E-07
7455	624948.81	4266074.29	1.93E-06	6.12E-07	2.54E-06	1.61E-06	4.59E-07	2.07E-06	3.82E-07	1.17E-07	4.99E-07	2.98E-07	5.65E-08	3.54E-07
7456	624948.98	4266064.36	1.95E-06	6.19E-07	2.57E-06	1.63E-06	4.64E-07	2.09E-06	3.86E-07	1.19E-07	5.05E-07	3.01E-07	5.71E-08	3.58E-07
7457	624949.14	4266054.42	1.97E-06	6.26E-07	2.60E-06	1.65E-06	4.69E-07	2.12E-06	3.90E-07	1.20E-07	5.10E-07	3.04E-07	5.78E-08	3.62E-07
7458	624949.31	4266044.49	1.99E-06	6.33E-07	2.62E-06	1.66E-06	4.74E-07	2.14E-06	3.94E-07	1.21E-07	5.15E-07	3.07E-07	5.84E-08	3.66E-07
7459	624949.47	4266034.56	2.01E-06	6.39E-07	2.65E-06	1.68E-06	4.79E-07	2.16E-06	3.99E-07	1.23E-07	5.21E-07	3.11E-07	5.90E-08	3.70E-07
7460	624949.63	4266024.62	2.03E-06	6.46E-07	2.68E-06	1.70E-06	4.84E-07	2.18E-06	4.03E-07	1.24E-07	5.26E-07	3.14E-07	5.96E-08	3.73E-07
7461	624949.8	4266014.69	2.05E-06	6.52E-07	2.71E-06	1.72E-06	4.88E-07	2.20E-06	4.06E-07	1.25E-07	5.31E-07	3.17E-07	6.02E-08	3.77E-07
7462	624949.96	4266004.76	2.07E-06	6.57E-07	2.73E-06	1.73E-06	4.92E-07	2.22E-06	4.10E-07	1.26E-07	5.36E-07	3.19E-07	6.07E-08	3.80E-07
7463	624950.12	4265994.82	2.09E-06	6.62E-07	2.75E-06	1.74E-06	4.96E-07	2.24E-06	4.13E-07	1.27E-07	5.40E-07	3.22E-07	6.11E-08	3.83E-07
7464	624950.29	4265984.89	2.10E-06	6.67E-07	2.77E-06	1.75E-06	4.99E-07	2.25E-06	4.16E-07	1.28E-07	5.43E-07	3.24E-07	6.15E-08	3.85E-07
7465	624950.45	4265974.96	2.11E-06	6.71E-07	2.78E-06	1.77E-06	5.02E-07	2.27E-06	4.18E-07	1.29E-07	5.47E-07	3.26E-07	6.19E-08	3.88E-07
7466	624950.61	4265965.02	2.12E-06	6.74E-07	2.80E-06	1.77E-06	5.05E-07	2.28E-06	4.20E-07	1.29E-07	5.50E-07	3.28E-07	6.22E-08	3.90E-07
7467	624950.78	4265955.09	2.13E-06	6.77E-07	2.81E-06	1.78E-06	5.07E-07	2.29E-06	4.22E-07	1.30E-07	5.52E-07	3.29E-07	6.25E-08	3.92E-07
7468	624950.94	4265945.16	2.14E-06	6.80E-07	2.82E-06	1.79E-06	5.09E-07	2.30E-06	4.24E-07	1.30E-07	5.54E-07	3.30E-07	6.28E-08	3.93E-07
7469	624951.1	4265935.22	2.15E-06	6.82E-07	2.83E-06	1.80E-06	5.11E-07	2.31E-06	4.25E-07	1.31E-07	5.56E-07	3.31E-07	6.30E-08	3.94E-07
7470	624951.27	4265925.29	2.15E-06	6.84E-07	2.84E-06	1.80E-06	5.12E-07	2.31E-06	4.26E-07	1.31E-07	5.57E-07	3.32E-07	6.31E-08	3.95E-07

7471	624951.43	4265915.36	2.16E-06	6.85E-07	2.84E-06	1.80E-06	5.13E-07	2.32E-06	4.27E-07	1.31E-07	5.58E-07	3.33E-07	6.32E-08	3.96E-07
7472	624951.59	4265905.42	2.16E-06	6.86E-07	2.85E-06	1.81E-06	5.14E-07	2.32E-06	4.28E-07	1.31E-07	5.59E-07	3.33E-07	6.33E-08	3.97E-07
7473	624951.76	4265895.49	2.16E-06	6.87E-07	2.85E-06	1.81E-06	5.14E-07	2.32E-06	4.28E-07	1.32E-07	5.60E-07	3.34E-07	6.34E-08	3.97E-07
7474	624951.92	4265885.56	2.16E-06	6.86E-07	2.85E-06	1.81E-06	5.14E-07	2.32E-06	4.28E-07	1.32E-07	5.59E-07	3.34E-07	6.34E-08	3.97E-07
7475	624952.09	4265875.62	2.16E-06	6.86E-07	2.84E-06	1.80E-06	5.13E-07	2.32E-06	4.27E-07	1.31E-07	5.59E-07	3.33E-07	6.33E-08	3.96E-07
7476	624952.25	4265865.69	2.16E-06	6.84E-07	2.84E-06	1.80E-06	5.12E-07	2.31E-06	4.27E-07	1.31E-07	5.58E-07	3.33E-07	6.32E-08	3.96E-07
7477	624952.41	4265855.76	2.15E-06	6.83E-07	2.83E-06	1.80E-06	5.11E-07	2.31E-06	4.26E-07	1.31E-07	5.56E-07	3.32E-07	6.30E-08	3.95E-07
7478	624952.58	4265845.82	2.14E-06	6.81E-07	2.82E-06	1.79E-06	5.10E-07	2.30E-06	4.24E-07	1.30E-07	5.55E-07	3.31E-07	6.28E-08	3.94E-07
7479	624952.74	4265835.89	2.14E-06	6.78E-07	2.81E-06	1.79E-06	5.08E-07	2.29E-06	4.23E-07	1.30E-07	5.53E-07	3.30E-07	6.26E-08	3.92E-07
7480	624952.9	4265825.96	2.13E-06	6.76E-07	2.80E-06	1.78E-06	5.06E-07	2.28E-06	4.21E-07	1.29E-07	5.51E-07	3.28E-07	6.24E-08	3.91E-07
7481	624953.07	4265816.02	2.12E-06	6.73E-07	2.79E-06	1.77E-06	5.04E-07	2.27E-06	4.19E-07	1.29E-07	5.48E-07	3.27E-07	6.21E-08	3.89E-07
7482	624953.23	4265806.09	2.11E-06	6.69E-07	2.78E-06	1.76E-06	5.01E-07	2.26E-06	4.17E-07	1.28E-07	5.45E-07	3.25E-07	6.18E-08	3.87E-07
7483	624953.39	4265796.16	2.10E-06	6.66E-07	2.76E-06	1.75E-06	4.98E-07	2.25E-06	4.15E-07	1.28E-07	5.42E-07	3.23E-07	6.14E-08	3.85E-07
7484	624953.56	4265786.22	2.08E-06	6.62E-07	2.75E-06	1.74E-06	4.96E-07	2.24E-06	4.13E-07	1.27E-07	5.39E-07	3.22E-07	6.11E-08	3.83E-07
7485	624953.72	4265776.29	2.07E-06	6.58E-07	2.73E-06	1.73E-06	4.93E-07	2.22E-06	4.10E-07	1.26E-07	5.36E-07	3.20E-07	6.07E-08	3.80E-07
7486	624953.88	4265766.36	2.06E-06	6.54E-07	2.71E-06	1.72E-06	4.89E-07	2.21E-06	4.07E-07	1.25E-07	5.33E-07	3.18E-07	6.03E-08	3.78E-07
7487	624954.05	4265756.42	2.04E-06	6.49E-07	2.69E-06	1.71E-06	4.86E-07	2.19E-06	4.05E-07	1.24E-07	5.29E-07	3.15E-07	5.99E-08	3.75E-07
7488	624954.21	4265746.49	2.03E-06	6.44E-07	2.67E-06	1.70E-06	4.83E-07	2.18E-06	4.02E-07	1.23E-07	5.25E-07	3.13E-07	5.95E-08	3.73E-07
7489	624954.38	4265736.56	2.01E-06	6.40E-07	2.65E-06	1.68E-06	4.79E-07	2.16E-06	3.99E-07	1.23E-07	5.21E-07	3.11E-07	5.90E-08	3.70E-07
7490	624954.54	4265726.62	2.00E-06	6.35E-07	2.63E-06	1.67E-06	4.75E-07	2.15E-06	3.96E-07	1.22E-07	5.17E-07	3.08E-07	5.86E-08	3.67E-07
7491	624954.7	4265716.69	1.98E-06	6.30E-07	2.61E-06	1.66E-06	4.72E-07	2.13E-06	3.93E-07	1.21E-07	5.13E-07	3.06E-07	5.81E-08	3.64E-07
7492	624954.87	4265706.76	1.97E-06	6.25E-07	2.59E-06	1.65E-06	4.68E-07	2.11E-06	3.90E-07	1.20E-07	5.09E-07	3.04E-07	5.77E-08	3.61E-07
7493	624955.03	4265696.82	1.95E-06	6.20E-07	2.57E-06	1.63E-06	4.64E-07	2.10E-06	3.87E-07	1.19E-07	5.05E-07	3.01E-07	5.72E-08	3.59E-07
7494	624955.19	4265686.89	1.94E-06	6.15E-07	2.55E-06	1.62E-06	4.61E-07	2.08E-06	3.83E-07	1.18E-07	5.01E-07	2.99E-07	5.68E-08	3.56E-07
7495	624955.36	4265676.96	1.92E-06	6.09E-07	2.53E-06	1.60E-06	4.56E-07	2.06E-06	3.80E-07	1.17E-07	4.97E-07	2.96E-07	5.62E-08	3.52E-07
7496	624961.07	4266180.52	1.58E-06	5.01E-07	2.08E-06	1.32E-06	3.75E-07	1.69E-06	3.12E-07	9.61E-08	4.09E-07	2.44E-07	4.63E-08	2.90E-07
7497	624957.25	4266189.3	1.60E-06	5.07E-07	2.10E-06	1.33E-06	3.80E-07	1.71E-06	3.16E-07	9.72E-08	4.13E-07	2.46E-07	4.68E-08	2.93E-07
7498	624953.44	4266198.08	1.61E-06	5.13E-07	2.13E-06	1.35E-06	3.84E-07	1.73E-06	3.19E-07	9.82E-08	4.18E-07	2.49E-07	4.73E-08	2.96E-07
7499	624942	4266224.44	1.66E-06	5.26E-07	2.18E-06	1.38E-06	3.94E-07	1.78E-06	3.28E-07	1.01E-07	4.29E-07	2.56E-07	4.86E-08	3.04E-07
7500	624938.19	4266233.22	1.67E-06	5.30E-07	2.20E-06	1.39E-06	3.97E-07	1.79E-06	3.30E-07	1.01E-07	4.32E-07	2.57E-07	4.89E-08	3.06E-07
7501	624925.47	4266245.51	1.75E-06	5.56E-07	2.31E-06	1.46E-06	4.16E-07	1.88E-06	3.46E-07	1.06E-07	4.53E-07	2.70E-07	5.13E-08	3.21E-07
7502	624916.56	4266249.02	1.83E-06	5.80E-07	2.40E-06	1.53E-06	4.34E-07	1.96E-06	3.61E-07	1.11E-07	4.72E-07	2.82E-07	5.35E-08	3.35E-07
7503	624907.65	4266252.53	1.90E-06	6.04E-07	2.51E-06	1.59E-06	4.52E-07	2.04E-06	3.76E-07	1.16E-07	4.92E-07	2.93E-07	5.57E-08	3.49E-07
7504	624898.74	4266256.04	1.98E-06	6.28E-07	2.61E-06	1.65E-06	4.70E-07	2.12E-06	3.92E-07	1.20E-07	5.12E-07	3.05E-07	5.80E-08	3.63E-07
7505	624889.83	4266259.55	2.05E-06	6.52E-07	2.70E-06	1.72E-06	4.88E-07	2.20E-06	4.06E-07	1.25E-07	5.31E-07	3.17E-07	6.02E-08	3.77E-07
7506	624880.92	4266263.05	2.13E-06	6.75E-07	2.80E-06	1.78E-06	5.05E-07	2.28E-06	4.21E-07	1.29E-07	5.50E-07	3.28E-07	6.23E-08	3.90E-07
7507	624872.02	4266266.56	2.19E-06	6.96E-07	2.89E-06	1.83E-06	5.21E-07	2.35E-06	4.34E-07	1.33E-07	5.67E-07	3.38E-07	6.43E-08	4.03E-07
7508	624863.11	4266270.07	2.25E-06	7.16E-07	2.97E-06	1.88E-06	5.36E-07	2.42E-06	4.46E-07	1.37E-07	5.83E-07	3.48E-07	6.61E-08	4.14E-07
7509	624854.2	4266273.58	2.31E-06	7.33E-07	3.04E-06	1.93E-06	5.49E-07	2.48E-06	4.57E-07	1.40E-07	5.97E-07	3.56E-07	6.77E-08	4.24E-07
7510	624972.67	4266144.23	1.53E-06	4.85E-07	2.01E-06	1.28E-06	3.63E-07	1.64E-06	3.02E-07	9.29E-08	3.95E-07	2.36E-07	4.48E-08	2.80E-07
7511	624972.83	4266134.3	1.54E-06	4.89E-07	2.03E-06	1.29E-06	3.66E-07	1.65E-06	3.05E-07	9.36E-08	3.98E-07	2.37E-07	4.51E-08	2.83E-07
7512	624972.99	4266124.37	1.55E-06	4.93E-07	2.04E-06	1.30E-06	3.69E-07	1.66E-06	3.07E-07	9.44E-08	4.01E-07	2.39E-07	4.55E-08	2.85E-07
7513	624973.16	4266114.43	1.56E-06	4.96E-07	2.06E-06	1.31E-06	3.72E-07	1.68E-06	3.09E-07	9.51E-08	4.04E-07	2.41E-07	4.58E-08	2.87E-07
7514	624973.32	4266104.5	1.58E-06	5.00E-07	2.08E-06	1.32E-06	3.75E-07	1.69E-06	3.12E-07	9.59E-08	4.08E-07	2.43E-07	4.62E-08	2.89E-07
7515	624973.48	4266094.57	1.59E-06	5.05E-07	2.09E-06	1.33E-06	3.78E-07	1.71E-06	3.15E-07	9.67E-08	4.11E-07	2.45E-07	4.66E-08	2.92E-07
7516	624973.65	4266084.63	1.60E-06	5.09E-07	2.11E-06	1.34E-06	3.81E-07	1.72E-06	3.17E-07	9.75E-08	4.15E-07	2.47E-07	4.70E-08	2.94E-07
7517	624973.81	4266074.7	1.62E-06	5.14E-07	2.13E-06	1.35E-06	3.85E-07	1.74E-06	3.20E-07	9.84E-08	4.19E-07	2.50E-07	4.74E-08	2.97E-07
7518	624973.97	4266064.77	1.63E-06	5.18E-07	2.15E-06	1.36E-06	3.88E-07	1.75E-06	3.23E-07	9.93E-08	4.22E-07	2.52E-07	4.78E-08	3.00E-07
7519	624974.14	4266054.83	1.65E-06	5.23E-07	2.17E-06	1.38E-06	3.92E-07	1.77E-06	3.26E-07	1.00E-07	4.26E-07	2.54E-07	4.83E-08	3.02E-07
7520	624974.3	4266044.9	1.66E-06	5.28E-07	2.19E-06	1.39E-06	3.95E-07	1.78E-06	3.29E-07	1.01E-07	4.30E-07	2.56E-07	4.87E-08	3.05E-07
7521	624974.47	4266034.97	1.68E-06	5.32E-07	2.21E-06	1.40E-06	3.99E-07	1.80E-06	3.32E-07	1.02E-07	4.34E-07	2.59E-07	4.91E-08	3.08E-07
7522	624974.63	4266025.03	1.69E-06	5.37E-07	2.23E-06	1.41E-06	4.02E-07	1.82E-06	3.35E-07	1.03E-07	4.38E-07	2.61E-07	4.96E-08	3.10E-07
7523	624974.79	4266015.1	1.71E-06	5.41E-07	2.25E-06	1.43E-06	4.05E-07	1.83E-06	3.38E-07	1.04E-07	4.41E-07	2.63E-07	5.00E-08	3.13E-07
7524	624974.96	4266005.17	1.72E-06	5.45E-07	2.26E-06	1.44E-06	4.08E-07	1.84E-06	3.40E-07	1.04E-07	4.44E-07	2.65E-07	5.03E-08	3.15E-07
7525	624975.12	4265995.23	1.73E-06	5.49E-07	2.28E-06	1.44E-06	4.11E-07	1.86E-06	3.42E-07	1.05E-07	4.47E-07	2.67E-07	5.07E-08	3.17E-07
7526	624975.28	4265985.3	1.74E-06	5.52E-07	2.29E-06	1.45E-06	4.14E-07	1.87E-06	3.44E-07	1.06E-07	4.50E-07	2.68E-07	5.10E-08	3.19E-07
7527	624975.45	4265975.37	1.75E-06	5.55E-07	2.30E-06	1.46E-06	4.16E-07	1.88E-06	3.46E-07	1.06E-07	4.52E-07	2.70E-07	5.12E-08	3.21E-07
7528	624975.61	4265965.43	1.76E-06	5.58E-07	2.32E-06	1.47E-06	4.18E-07	1.89E-06	3.48E-07	1.07E-07	4.55E-07	2.71E-07	5.15E-08	3.23E-07
7529	624975.77	4265955.5	1.76E-06	5.60E-07	2.33E-06	1.48E-06	4.20E-07	1.89E-06	3.49E-07	1.07E-07	4.57E-07	2.72E-07	5.17E-08	3.24E-07
7530	624975.94	4265945.57	1.77E-06	5.63E-07	2.33E-06	1.48E-06	4.21E-07	1.90E-06	3.51E-07	1.08E-07	4.58E-07	2.73E-07	5.19E-08	3.25E-07
7531	624976.1	4265935.63	1.78E-06	5.64E-07	2.34E-06	1.49E-06	4.23E-07	1.91E-06	3.52E-07	1.08E-07	4.60E-07	2.74E-07	5.21E-08	3.26E-07
7532	624976.26	4265925.7	1.78E-06	5.66E-07	2.35E-06	1.49E-06	4.24E-07	1.91E-06	3.53E-07	1.08E-07	4.61E-07	2.75E-07	5.22E-08	3.27E-07
7533	624976.43	4265915.77	1.79E-06	5.67E-07	2.35E-06	1.49E-06	4.25E-07	1.92E-06	3.54E-07	1.09E-07	4.62E-07	2.76E-07	5.24E-08	3.28E-07
7534	624976.59	4265905.83	1.79E-06	5.69E-07	2.36E-06	1.50E-06	4.26E-07	1.92E-06	3.55E-07	1.09E-07	4.63E-07	2.76E-07	5.25E-08	3.29E-07
7535	624976.76	4265895.9	1.79E-06	5.70E-07	2.36E-06	1.50E-06	4.27E-07	1.93E-06	3.55E-07	1.09E-07	4.64E-07	2.77E-07	5.26E-08	3.29E-07
7536	624976.92	4265885.97	1.80E-06	5.70E-07	2.37E-06	1.50E-06	4.27E-07	1.93E-06	3.55E-07	1.09E-07	4.65E-07	2.77E-07	5.26E-08	3.30E-07
7537	624977.08	4265876.03	1.80E-06	5.70E-07	2.37E-06	1.50E-06	4.27E-07	1.93E-06	3.55E-07	1.09E-07	4.65E-07	2.77E-07	5.26E-08	3.30E-07
7538	624977.25	4265866.1	1.80E-06	5.70E-07	2.37E-06	1.50E-06	4.27E-07	1.93E-06	3.55E-07	1.09E-07	4.65E-07	2.77E-07	5.26E-08	3.30E-07
7539	624977.41	4265856.17	1.79E-06	5.70E-07	2.36E-06	1.50E-06	4.27E-07	1.93E-06	3.55E-07	1.09E-07	4.64E-07	2.77E-07	5.26E-08	3.29E-07
7540	624977.57	4265846.23	1.79E-06	5.69E-07	2.36E-06	1.50E-06	4.26E-07	1.92E-06	3.55E-07	1.09E-07	4.64E-07	2.77E-07	5.25E-08	3.29E-07
7541	624977.74	4265836.3	1.79E-06	5.68E-07	2.36E-06	1.50E-06	4.26E-07	1.92E-06	3.54E-07	1.09E-07	4.63E-07	2.76E-07	5.25E-08	3.29E-07
7542	624977.9	4265826.37	1.79E-06	5.67E-07	2.35E-06	1.49E-06	4.25E-07	1.92E-06	3.54E-07	1.09E-07	4.62E-07	2.76E-07	5.24E-08	3.28E-07
7543	624978.06	4265816.43	1.78E-06	5.66E-07	2.35E-06	1.49E-06	4.24E-07	1.91E-06	3.53E-07	1.08E-07	4.61E-07	2.75E-07	5.22E-08	3.27E-07
7544	624978.23	4265806.5	1.78E-06	5.64E-07	2.34E-06	1.49E-06	4.23E-07	1.91E-06	3.52E-07	1.08E-07	4.60E-07	2.74E-07	5.21E-08	3.26E-07

7545	624978.39	4265796.57	1.77E-06	5.63E-07	2.33E-06	1.48E-06	4.21E-07	1.90E-06	3.51E-07	1.08E-07	4.59E-07	2.73E-07	5.19E-08	3.25E-07
7546	624978.55	4265786.63	1.77E-06	5.61E-07	2.33E-06	1.48E-06	4.20E-07	1.90E-06	3.49E-07	1.07E-07	4.57E-07	2.72E-07	5.17E-08	3.24E-07
7547	624978.72	4265776.7	1.76E-06	5.58E-07	2.32E-06	1.47E-06	4.18E-07	1.89E-06	3.48E-07	1.07E-07	4.55E-07	2.71E-07	5.15E-08	3.23E-07
7548	624978.88	4265766.77	1.75E-06	5.56E-07	2.31E-06	1.46E-06	4.16E-07	1.88E-06	3.47E-07	1.07E-07	4.53E-07	2.70E-07	5.13E-08	3.21E-07
7549	624979.04	4265756.83	1.74E-06	5.53E-07	2.30E-06	1.46E-06	4.14E-07	1.87E-06	3.45E-07	1.06E-07	4.51E-07	2.69E-07	5.11E-08	3.20E-07
7550	624979.21	4265746.9	1.73E-06	5.51E-07	2.28E-06	1.45E-06	4.12E-07	1.86E-06	3.43E-07	1.06E-07	4.49E-07	2.68E-07	5.08E-08	3.18E-07
7551	624979.37	4265736.97	1.73E-06	5.48E-07	2.27E-06	1.44E-06	4.10E-07	1.85E-06	3.42E-07	1.05E-07	4.47E-07	2.66E-07	5.06E-08	3.17E-07
7552	624979.54	4265727.03	1.72E-06	5.45E-07	2.26E-06	1.44E-06	4.08E-07	1.84E-06	3.40E-07	1.04E-07	4.44E-07	2.65E-07	5.03E-08	3.15E-07
7553	624979.7	4265717.1	1.71E-06	5.43E-07	2.25E-06	1.43E-06	4.06E-07	1.83E-06	3.38E-07	1.04E-07	4.42E-07	2.64E-07	5.01E-08	3.14E-07
7554	624979.86	4265707.17	1.70E-06	5.40E-07	2.24E-06	1.42E-06	4.04E-07	1.82E-06	3.36E-07	1.03E-07	4.40E-07	2.62E-07	4.98E-08	3.12E-07
7555	624980.03	4265697.23	1.69E-06	5.37E-07	2.23E-06	1.41E-06	4.02E-07	1.81E-06	3.35E-07	1.03E-07	4.37E-07	2.61E-07	4.95E-08	3.10E-07
7556	624980.19	4265687.3	1.68E-06	5.34E-07	2.21E-06	1.40E-06	4.00E-07	1.80E-06	3.33E-07	1.02E-07	4.35E-07	2.59E-07	4.92E-08	3.09E-07
7557	624980.35	4265677.37	1.67E-06	5.30E-07	2.20E-06	1.39E-06	3.97E-07	1.79E-06	3.30E-07	1.02E-07	4.32E-07	2.58E-07	4.89E-08	3.06E-07
7558	624986.06	4266180.93	1.37E-06	4.34E-07	1.80E-06	1.14E-06	3.25E-07	1.47E-06	2.71E-07	8.32E-08	3.54E-07	2.11E-07	4.01E-08	2.51E-07
7559	624982.25	4266189.71	1.38E-06	4.40E-07	1.82E-06	1.16E-06	3.29E-07	1.49E-06	2.74E-07	8.42E-08	3.58E-07	2.14E-07	4.06E-08	2.54E-07
7560	624978.44	4266198.5	1.40E-06	4.45E-07	1.84E-06	1.17E-06	3.33E-07	1.50E-06	2.77E-07	8.52E-08	3.62E-07	2.16E-07	4.10E-08	2.57E-07
7561	624967	4266224.85	1.44E-06	4.57E-07	1.90E-06	1.20E-06	3.42E-07	1.55E-06	2.85E-07	8.76E-08	3.73E-07	2.22E-07	4.22E-08	2.64E-07
7562	624963.19	4266233.63	1.45E-06	4.61E-07	1.91E-06	1.21E-06	3.45E-07	1.56E-06	2.87E-07	8.83E-08	3.76E-07	2.24E-07	4.25E-08	2.66E-07
7563	624959.38	4266242.41	1.46E-06	4.64E-07	1.93E-06	1.22E-06	3.48E-07	1.57E-06	2.89E-07	8.89E-08	3.78E-07	2.26E-07	4.28E-08	2.68E-07
7564	624955.56	4266251.2	1.47E-06	4.67E-07	1.94E-06	1.23E-06	3.50E-07	1.58E-06	2.91E-07	8.95E-08	3.81E-07	2.27E-07	4.31E-08	2.70E-07
7565	624942.84	4266263.49	1.54E-06	4.88E-07	2.02E-06	1.28E-06	3.65E-07	1.65E-06	3.04E-07	9.35E-08	3.98E-07	2.37E-07	4.50E-08	2.82E-07
7566	624933.93	4266267	1.60E-06	5.07E-07	2.11E-06	1.34E-06	3.80E-07	1.72E-06	3.16E-07	9.72E-08	4.13E-07	2.47E-07	4.68E-08	2.93E-07
7567	624925.02	4266270.51	1.66E-06	5.27E-07	2.19E-06	1.39E-06	3.95E-07	1.78E-06	3.28E-07	1.01E-07	4.29E-07	2.56E-07	4.86E-08	3.05E-07
7568	624916.11	4266274.02	1.72E-06	5.46E-07	2.27E-06	1.44E-06	4.09E-07	1.85E-06	3.41E-07	1.05E-07	4.45E-07	2.66E-07	5.04E-08	3.16E-07
7569	624907.21	4266277.52	1.78E-06	5.66E-07	2.35E-06	1.49E-06	4.24E-07	1.91E-06	3.53E-07	1.08E-07	4.61E-07	2.75E-07	5.22E-08	3.27E-07
7570	624898.3	4266281.03	1.84E-06	5.85E-07	2.43E-06	1.54E-06	4.38E-07	1.98E-06	3.64E-07	1.12E-07	4.76E-07	2.84E-07	5.39E-08	3.38E-07
7571	624889.39	4266284.54	1.90E-06	6.02E-07	2.50E-06	1.59E-06	4.51E-07	2.04E-06	3.76E-07	1.15E-07	4.91E-07	2.93E-07	5.56E-08	3.48E-07
7572	624880.48	4266288.05	1.95E-06	6.19E-07	2.57E-06	1.63E-06	4.64E-07	2.09E-06	3.86E-07	1.19E-07	5.05E-07	3.01E-07	5.72E-08	3.58E-07
7573	624997.66	4266144.65	1.32E-06	4.19E-07	1.74E-06	1.10E-06	3.14E-07	1.42E-06	2.61E-07	8.04E-08	3.42E-07	2.04E-07	3.87E-08	2.43E-07
7574	624997.83	4266134.71	1.33E-06	4.22E-07	1.75E-06	1.11E-06	3.16E-07	1.43E-06	2.63E-07	8.08E-08	3.44E-07	2.05E-07	3.89E-08	2.44E-07
7575	624997.99	4266124.78	1.34E-06	4.24E-07	1.76E-06	1.12E-06	3.18E-07	1.43E-06	2.64E-07	8.13E-08	3.46E-07	2.06E-07	3.92E-08	2.45E-07
7576	624998.15	4266114.85	1.34E-06	4.27E-07	1.77E-06	1.12E-06	3.20E-07	1.44E-06	2.66E-07	8.18E-08	3.48E-07	2.07E-07	3.94E-08	2.47E-07
7577	624998.32	4266104.91	1.35E-06	4.29E-07	1.78E-06	1.13E-06	3.22E-07	1.45E-06	2.68E-07	8.23E-08	3.50E-07	2.09E-07	3.96E-08	2.48E-07
7578	624998.48	4266094.98	1.36E-06	4.32E-07	1.79E-06	1.14E-06	3.24E-07	1.46E-06	2.69E-07	8.28E-08	3.52E-07	2.10E-07	3.99E-08	2.50E-07
7579	624998.64	4266085.05	1.37E-06	4.35E-07	1.81E-06	1.15E-06	3.26E-07	1.47E-06	2.71E-07	8.34E-08	3.55E-07	2.11E-07	4.02E-08	2.52E-07
7580	624998.81	4266075.11	1.38E-06	4.38E-07	1.82E-06	1.15E-06	3.28E-07	1.48E-06	2.73E-07	8.40E-08	3.57E-07	2.13E-07	4.05E-08	2.53E-07
7581	624998.97	4266065.18	1.39E-06	4.42E-07	1.83E-06	1.16E-06	3.31E-07	1.49E-06	2.75E-07	8.46E-08	3.60E-07	2.15E-07	4.08E-08	2.55E-07
7582	624999.14	4266055.25	1.40E-06	4.45E-07	1.85E-06	1.17E-06	3.33E-07	1.50E-06	2.77E-07	8.53E-08	3.63E-07	2.16E-07	4.11E-08	2.57E-07
7583	624999.3	4266045.31	1.41E-06	4.49E-07	1.86E-06	1.18E-06	3.36E-07	1.52E-06	2.80E-07	8.59E-08	3.65E-07	2.18E-07	4.14E-08	2.59E-07
7584	624999.46	4266035.38	1.42E-06	4.52E-07	1.87E-06	1.19E-06	3.38E-07	1.53E-06	2.82E-07	8.66E-08	3.68E-07	2.20E-07	4.17E-08	2.61E-07
7585	624999.63	4266025.45	1.43E-06	4.55E-07	1.89E-06	1.20E-06	3.41E-07	1.54E-06	2.84E-07	8.72E-08	3.71E-07	2.21E-07	4.20E-08	2.63E-07
7586	624999.79	4266015.51	1.44E-06	4.58E-07	1.90E-06	1.21E-06	3.43E-07	1.55E-06	2.86E-07	8.78E-08	3.74E-07	2.23E-07	4.23E-08	2.65E-07
7587	624999.95	4266005.58	1.45E-06	4.61E-07	1.91E-06	1.21E-06	3.45E-07	1.56E-06	2.88E-07	8.84E-08	3.76E-07	2.24E-07	4.26E-08	2.67E-07
7588	625000.12	4265995.65	1.46E-06	4.64E-07	1.93E-06	1.22E-06	3.47E-07	1.57E-06	2.89E-07	8.89E-08	3.78E-07	2.25E-07	4.28E-08	2.68E-07
7589	625000.28	4265985.71	1.47E-06	4.67E-07	1.94E-06	1.23E-06	3.49E-07	1.58E-06	2.91E-07	8.94E-08	3.80E-07	2.27E-07	4.31E-08	2.70E-07
7590	625000.44	4265975.78	1.48E-06	4.69E-07	1.95E-06	1.23E-06	3.51E-07	1.59E-06	2.92E-07	8.99E-08	3.82E-07	2.28E-07	4.33E-08	2.71E-07
7591	625000.61	4265965.85	1.48E-06	4.71E-07	1.95E-06	1.24E-06	3.53E-07	1.59E-06	2.94E-07	9.03E-08	3.84E-07	2.29E-07	4.35E-08	2.72E-07
7592	625000.77	4265955.91	1.49E-06	4.73E-07	1.96E-06	1.25E-06	3.54E-07	1.60E-06	2.95E-07	9.07E-08	3.86E-07	2.30E-07	4.37E-08	2.74E-07
7593	625000.93	4265945.98	1.50E-06	4.75E-07	1.97E-06	1.25E-06	3.56E-07	1.61E-06	2.96E-07	9.11E-08	3.87E-07	2.31E-07	4.39E-08	2.75E-07
7594	625001.1	4265936.05	1.50E-06	4.77E-07	1.98E-06	1.26E-06	3.57E-07	1.61E-06	2.97E-07	9.14E-08	3.89E-07	2.32E-07	4.40E-08	2.76E-07
7595	625001.26	4265926.11	1.51E-06	4.79E-07	1.99E-06	1.26E-06	3.58E-07	1.62E-06	2.98E-07	9.17E-08	3.90E-07	2.33E-07	4.42E-08	2.77E-07
7596	625001.42	4265916.18	1.51E-06	4.80E-07	1.99E-06	1.26E-06	3.60E-07	1.62E-06	2.99E-07	9.20E-08	3.91E-07	2.33E-07	4.43E-08	2.78E-07
7597	625001.59	4265906.25	1.52E-06	4.81E-07	2.00E-06	1.27E-06	3.60E-07	1.63E-06	3.00E-07	9.23E-08	3.92E-07	2.34E-07	4.44E-08	2.78E-07
7598	625001.75	4265896.31	1.52E-06	4.83E-07	2.00E-06	1.27E-06	3.61E-07	1.63E-06	3.01E-07	9.25E-08	3.93E-07	2.34E-07	4.45E-08	2.79E-07
7599	625001.92	4265886.38	1.52E-06	4.83E-07	2.01E-06	1.27E-06	3.62E-07	1.63E-06	3.01E-07	9.26E-08	3.94E-07	2.35E-07	4.46E-08	2.79E-07
7600	625002.08	4265876.45	1.52E-06	4.84E-07	2.01E-06	1.27E-06	3.62E-07	1.64E-06	3.02E-07	9.27E-08	3.94E-07	2.35E-07	4.47E-08	2.80E-07
7601	625002.24	4265866.51	1.53E-06	4.85E-07	2.01E-06	1.28E-06	3.63E-07	1.64E-06	3.02E-07	9.28E-08	3.95E-07	2.35E-07	4.47E-08	2.80E-07
7602	625002.41	4265856.58	1.53E-06	4.85E-07	2.01E-06	1.28E-06	3.63E-07	1.64E-06	3.02E-07	9.29E-08	3.95E-07	2.36E-07	4.47E-08	2.80E-07
7603	625002.57	4265846.65	1.53E-06	4.85E-07	2.01E-06	1.28E-06	3.63E-07	1.64E-06	3.02E-07	9.29E-08	3.95E-07	2.36E-07	4.48E-08	2.80E-07
7604	625002.73	4265836.71	1.53E-06	4.85E-07	2.01E-06	1.28E-06	3.63E-07	1.64E-06	3.02E-07	9.29E-08	3.95E-07	2.36E-07	4.48E-08	2.80E-07
7605	625002.9	4265826.78	1.53E-06	4.85E-07	2.01E-06	1.28E-06	3.63E-07	1.64E-06	3.02E-07	9.29E-08	3.95E-07	2.36E-07	4.47E-08	2.80E-07
7606	625003.06	4265816.85	1.52E-06	4.84E-07	2.01E-06	1.27E-06	3.63E-07	1.64E-06	3.02E-07	9.28E-08	3.95E-07	2.35E-07	4.47E-08	2.80E-07
7607	625003.22	4265806.91	1.52E-06	4.84E-07	2.01E-06	1.27E-06	3.62E-07	1.64E-06	3.01E-07	9.27E-08	3.94E-07	2.35E-07	4.46E-08	2.80E-07
7608	625003.39	4265796.98	1.52E-06	4.83E-07	2.00E-06	1.27E-06	3.62E-07	1.63E-06	3.01E-07	9.25E-08	3.93E-07	2.35E-07	4.46E-08	2.79E-07
7609	625003.55	4265787.05	1.52E-06	4.82E-07	2.00E-06	1.27E-06	3.61E-07	1.63E-06	3.00E-07	9.23E-08	3.93E-07	2.34E-07	4.45E-08	2.79E-07
7610	625003.71	4265777.11	1.51E-06	4.81E-07	1.99E-06	1.27E-06	3.60E-07	1.63E-06	3.00E-07	9.21E-08	3.92E-07	2.34E-07	4.44E-08	2.78E-07
7611	625003.88	4265767.18	1.51E-06	4.79E-07	1.99E-06	1.26E-06	3.59E-07	1.62E-06	2.99E-07	9.19E-08	3.91E-07	2.33E-07	4.42E-08	2.77E-07
7612	625004.04	4265757.25	1.51E-06	4.78E-07	1.98E-06	1.26E-06	3.58E-07	1.62E-06	2.98E-07	9.16E-08	3.90E-07	2.32E-07	4.41E-08	2.76E-07
7613	625004.2	4265747.31	1.50E-06	4.77E-07	1.98E-06	1.25E-06	3.57E-07	1.61E-06	2.97E-07	9.13E-08	3.88E-07	2.32E-07	4.40E-08	2.76E-07
7614	625004.37	4265737.38	1.50E-06	4.75E-07	1.97E-06	1.25E-06	3.56E-07	1.61E-06	2.96E-07	9.10E-08	3.87E-07	2.31E-07	4.38E-08	2.75E-07
7615	625004.53	4265727.45	1.49E-06	4.74E-07	1.96E-06	1.25E-06	3.55E-07	1.60E-06	2.95E-07	9.07E-08	3.86E-07	2.30E-07	4.37E-08	2.74E-07
7616	625004.7	4265717.51	1.49E-06	4.72E-07	1.96E-06	1.24E-06	3.53E-07	1.60E-06	2.94E-07	9.04E-08	3.85E-07	2.29E-07	4.36E-08	2.73E-07
7617	625004.86	4265707.58	1.48E-06	4.70E-07	1.95E-06	1.24E-06	3.52E-07	1.59E-06	2.93E-07	9.01E-08	3.83E-07	2.29E-07	4.34E-08	2.72E-07
7618	625005.02	4265697.65	1.48E-06	4.69E-07	1.94E-06	1.23E-06	3.51E-07	1.58E-06	2.92E-07	8.98E-08	3.82E-07	2.28E-07	4.33E-08	2.71E-07

7619	625005.19	4265687.71	1.47E-06	4.67E-07	1.94E-06	1.23E-06	3.50E-07	1.58E-06	2.91E-07	8.95E-08	3.80E-07	2.27E-07	4.31E-08	2.70E-07
7620	625005.35	4265677.78	1.46E-06	4.65E-07	1.93E-06	1.22E-06	3.48E-07	1.57E-06	2.90E-07	8.91E-08	3.79E-07	2.26E-07	4.29E-08	2.69E-07
7621	625011.06	4266181.34	1.20E-06	3.80E-07	1.58E-06	1.00E-06	2.85E-07	1.29E-06	2.37E-07	7.29E-08	3.10E-07	1.85E-07	3.51E-08	2.20E-07
7622	625007.25	4266190.12	1.21E-06	3.85E-07	1.60E-06	1.01E-06	2.88E-07	1.30E-06	2.40E-07	7.38E-08	3.14E-07	1.87E-07	3.55E-08	2.23E-07
7623	625003.43	4266198.91	1.23E-06	3.89E-07	1.62E-06	1.02E-06	2.92E-07	1.32E-06	2.43E-07	7.46E-08	3.17E-07	1.89E-07	3.59E-08	2.25E-07
7624	624988.18	4266234.04	1.27E-06	4.04E-07	1.68E-06	1.06E-06	3.03E-07	1.37E-06	2.52E-07	7.75E-08	3.30E-07	1.97E-07	3.73E-08	2.34E-07
7625	624984.37	4266242.83	1.28E-06	4.08E-07	1.69E-06	1.07E-06	3.05E-07	1.38E-06	2.54E-07	7.81E-08	3.32E-07	1.98E-07	3.76E-08	2.36E-07
7626	624980.56	4266251.61	1.29E-06	4.11E-07	1.70E-06	1.08E-06	3.08E-07	1.39E-06	2.56E-07	7.87E-08	3.35E-07	2.00E-07	3.79E-08	2.37E-07
7627	624976.75	4266260.39	1.30E-06	4.13E-07	1.72E-06	1.09E-06	3.10E-07	1.40E-06	2.58E-07	7.92E-08	3.37E-07	2.01E-07	3.82E-08	2.39E-07
7628	624972.93	4266269.18	1.31E-06	4.16E-07	1.73E-06	1.09E-06	3.11E-07	1.41E-06	2.59E-07	7.97E-08	3.39E-07	2.02E-07	3.84E-08	2.40E-07
7629	624960.21	4266281.47	1.36E-06	4.33E-07	1.80E-06	1.14E-06	3.24E-07	1.47E-06	2.70E-07	8.30E-08	3.53E-07	2.11E-07	4.00E-08	2.51E-07
7630	624951.3	4266284.98	1.41E-06	4.49E-07	1.86E-06	1.18E-06	3.36E-07	1.52E-06	2.80E-07	8.61E-08	3.66E-07	2.18E-07	4.15E-08	2.60E-07
7631	624888.94	4266309.54	1.75E-06	5.56E-07	2.31E-06	1.46E-06	4.17E-07	1.88E-06	3.47E-07	1.07E-07	4.53E-07	2.70E-07	5.13E-08	3.22E-07
7632	624880.03	4266313.05	1.79E-06	5.69E-07	2.36E-06	1.50E-06	4.26E-07	1.92E-06	3.55E-07	1.09E-07	4.63E-07	2.76E-07	5.25E-08	3.29E-07
7633	624871.12	4266316.56	1.83E-06	5.80E-07	2.41E-06	1.53E-06	4.34E-07	1.96E-06	3.62E-07	1.11E-07	4.73E-07	2.82E-07	5.35E-08	3.35E-07
7634	624862.21	4266320.06	1.86E-06	5.90E-07	2.45E-06	1.55E-06	4.42E-07	1.99E-06	3.68E-07	1.13E-07	4.81E-07	2.87E-07	5.44E-08	3.41E-07
7635	624853.3	4266323.57	1.88E-06	5.98E-07	2.48E-06	1.57E-06	4.48E-07	2.02E-06	3.73E-07	1.15E-07	4.88E-07	2.91E-07	5.52E-08	3.46E-07
7636	625022.66	4266145.06	1.16E-06	3.67E-07	1.52E-06	9.65E-07	2.75E-07	1.24E-06	2.29E-07	7.03E-08	2.99E-07	1.78E-07	3.39E-08	2.12E-07
7637	625022.82	4266135.12	1.16E-06	3.68E-07	1.53E-06	9.70E-07	2.76E-07	1.25E-06	2.30E-07	7.06E-08	3.00E-07	1.79E-07	3.40E-08	2.13E-07
7638	625022.99	4266125.19	1.16E-06	3.70E-07	1.53E-06	9.74E-07	2.77E-07	1.25E-06	2.31E-07	7.09E-08	3.01E-07	1.80E-07	3.41E-08	2.14E-07
7639	625023.15	4266115.26	1.17E-06	3.72E-07	1.54E-06	9.78E-07	2.78E-07	1.26E-06	2.32E-07	7.12E-08	3.03E-07	1.81E-07	3.43E-08	2.15E-07
7640	625023.31	4266105.32	1.18E-06	3.73E-07	1.55E-06	9.83E-07	2.80E-07	1.26E-06	2.33E-07	7.15E-08	3.04E-07	1.81E-07	3.45E-08	2.16E-07
7641	625023.48	4266095.39	1.18E-06	3.75E-07	1.56E-06	9.88E-07	2.81E-07	1.27E-06	2.34E-07	7.19E-08	3.06E-07	1.82E-07	3.46E-08	2.17E-07
7642	625023.64	4266085.46	1.19E-06	3.77E-07	1.57E-06	9.93E-07	2.82E-07	1.28E-06	2.35E-07	7.23E-08	3.07E-07	1.83E-07	3.48E-08	2.18E-07
7643	625023.8	4266075.52	1.19E-06	3.79E-07	1.57E-06	9.99E-07	2.84E-07	1.28E-06	2.36E-07	7.27E-08	3.09E-07	1.84E-07	3.50E-08	2.19E-07
7644	625023.97	4266065.59	1.20E-06	3.82E-07	1.58E-06	1.01E-06	2.86E-07	1.29E-06	2.38E-07	7.32E-08	3.11E-07	1.86E-07	3.52E-08	2.21E-07
7645	625024.13	4266055.66	1.21E-06	3.84E-07	1.60E-06	1.01E-06	2.88E-07	1.30E-06	2.40E-07	7.37E-08	3.13E-07	1.87E-07	3.55E-08	2.22E-07
7646	625024.3	4266045.72	1.22E-06	3.87E-07	1.61E-06	1.02E-06	2.90E-07	1.31E-06	2.41E-07	7.42E-08	3.15E-07	1.88E-07	3.57E-08	2.24E-07
7647	625024.46	4266035.79	1.23E-06	3.90E-07	1.62E-06	1.03E-06	2.92E-07	1.32E-06	2.43E-07	7.46E-08	3.17E-07	1.89E-07	3.59E-08	2.25E-07
7648	625024.62	4266025.86	1.23E-06	3.92E-07	1.63E-06	1.03E-06	2.93E-07	1.32E-06	2.44E-07	7.51E-08	3.19E-07	1.90E-07	3.62E-08	2.27E-07
7649	625024.79	4266015.92	1.24E-06	3.94E-07	1.64E-06	1.04E-06	2.95E-07	1.33E-06	2.46E-07	7.55E-08	3.21E-07	1.92E-07	3.64E-08	2.28E-07
7650	625024.95	4266005.99	1.25E-06	3.96E-07	1.64E-06	1.04E-06	2.97E-07	1.34E-06	2.47E-07	7.60E-08	3.23E-07	1.93E-07	3.66E-08	2.29E-07
7651	625025.11	4265996.06	1.26E-06	3.99E-07	1.65E-06	1.05E-06	2.98E-07	1.35E-06	2.48E-07	7.64E-08	3.25E-07	1.94E-07	3.68E-08	2.30E-07
7652	625025.28	4265986.12	1.26E-06	4.01E-07	1.66E-06	1.05E-06	3.00E-07	1.35E-06	2.50E-07	7.68E-08	3.27E-07	1.95E-07	3.70E-08	2.32E-07
7653	625025.44	4265976.19	1.27E-06	4.03E-07	1.67E-06	1.06E-06	3.02E-07	1.36E-06	2.51E-07	7.72E-08	3.28E-07	1.96E-07	3.72E-08	2.33E-07
7654	625025.6	4265966.26	1.27E-06	4.05E-07	1.68E-06	1.07E-06	3.03E-07	1.37E-06	2.52E-07	7.75E-08	3.30E-07	1.97E-07	3.73E-08	2.34E-07
7655	625025.77	4265956.32	1.28E-06	4.06E-07	1.69E-06	1.07E-06	3.04E-07	1.37E-06	2.53E-07	7.79E-08	3.31E-07	1.97E-07	3.75E-08	2.35E-07
7656	625025.93	4265946.39	1.29E-06	4.08E-07	1.69E-06	1.07E-06	3.06E-07	1.38E-06	2.55E-07	7.83E-08	3.33E-07	1.98E-07	3.77E-08	2.36E-07
7657	625026.09	4265936.46	1.29E-06	4.10E-07	1.70E-06	1.08E-06	3.07E-07	1.39E-06	2.56E-07	7.86E-08	3.34E-07	1.99E-07	3.79E-08	2.37E-07
7658	625026.26	4265926.52	1.30E-06	4.12E-07	1.71E-06	1.08E-06	3.08E-07	1.39E-06	2.57E-07	7.89E-08	3.36E-07	2.00E-07	3.80E-08	2.38E-07
7659	625026.42	4265916.59	1.30E-06	4.13E-07	1.72E-06	1.09E-06	3.10E-07	1.40E-06	2.58E-07	7.92E-08	3.37E-07	2.01E-07	3.82E-08	2.39E-07
7660	625026.58	4265906.66	1.31E-06	4.15E-07	1.72E-06	1.09E-06	3.10E-07	1.40E-06	2.58E-07	7.95E-08	3.38E-07	2.01E-07	3.83E-08	2.40E-07
7661	625026.75	4265896.72	1.31E-06	4.16E-07	1.73E-06	1.09E-06	3.11E-07	1.41E-06	2.59E-07	7.97E-08	3.39E-07	2.02E-07	3.84E-08	2.40E-07
7662	625026.91	4265886.79	1.31E-06	4.17E-07	1.73E-06	1.10E-06	3.12E-07	1.41E-06	2.60E-07	7.99E-08	3.40E-07	2.03E-07	3.85E-08	2.41E-07
7663	625027.08	4265876.86	1.32E-06	4.18E-07	1.73E-06	1.10E-06	3.13E-07	1.41E-06	2.60E-07	8.00E-08	3.40E-07	2.03E-07	3.86E-08	2.42E-07
7664	625027.24	4265866.92	1.32E-06	4.18E-07	1.74E-06	1.10E-06	3.13E-07	1.41E-06	2.61E-07	8.02E-08	3.41E-07	2.03E-07	3.86E-08	2.42E-07
7665	625027.4	4265856.99	1.32E-06	4.19E-07	1.74E-06	1.10E-06	3.14E-07	1.42E-06	2.61E-07	8.03E-08	3.42E-07	2.04E-07	3.87E-08	2.42E-07
7666	625027.57	4265847.06	1.32E-06	4.20E-07	1.74E-06	1.10E-06	3.14E-07	1.42E-06	2.62E-07	8.04E-08	3.42E-07	2.04E-07	3.87E-08	2.43E-07
7667	625027.73	4265837.12	1.32E-06	4.20E-07	1.74E-06	1.11E-06	3.14E-07	1.42E-06	2.62E-07	8.05E-08	3.42E-07	2.04E-07	3.88E-08	2.43E-07
7668	625027.89	4265827.19	1.32E-06	4.20E-07	1.74E-06	1.11E-06	3.15E-07	1.42E-06	2.62E-07	8.05E-08	3.42E-07	2.04E-07	3.88E-08	2.43E-07
7669	625028.06	4265817.26	1.32E-06	4.20E-07	1.74E-06	1.11E-06	3.15E-07	1.42E-06	2.62E-07	8.05E-08	3.43E-07	2.04E-07	3.88E-08	2.43E-07
7670	625028.22	4265807.32	1.32E-06	4.20E-07	1.74E-06	1.11E-06	3.15E-07	1.42E-06	2.62E-07	8.05E-08	3.43E-07	2.04E-07	3.88E-08	2.43E-07
7671	625028.38	4265797.39	1.32E-06	4.20E-07	1.74E-06	1.11E-06	3.14E-07	1.42E-06	2.62E-07	8.05E-08	3.42E-07	2.04E-07	3.88E-08	2.43E-07
7672	625028.55	4265787.46	1.32E-06	4.19E-07	1.74E-06	1.10E-06	3.14E-07	1.42E-06	2.61E-07	8.04E-08	3.42E-07	2.04E-07	3.87E-08	2.43E-07
7673	625028.71	4265777.52	1.32E-06	4.19E-07	1.74E-06	1.10E-06	3.14E-07	1.42E-06	2.61E-07	8.03E-08	3.41E-07	2.04E-07	3.87E-08	2.42E-07
7674	625028.87	4265767.59	1.32E-06	4.18E-07	1.73E-06	1.10E-06	3.13E-07	1.41E-06	2.61E-07	8.01E-08	3.41E-07	2.03E-07	3.86E-08	2.42E-07
7675	625029.04	4265757.66	1.31E-06	4.17E-07	1.73E-06	1.10E-06	3.13E-07	1.41E-06	2.60E-07	8.00E-08	3.40E-07	2.03E-07	3.85E-08	2.41E-07
7676	625029.2	4265747.72	1.31E-06	4.17E-07	1.73E-06	1.10E-06	3.12E-07	1.41E-06	2.60E-07	7.98E-08	3.40E-07	2.02E-07	3.85E-08	2.41E-07
7677	625029.37	4265737.79	1.31E-06	4.16E-07	1.73E-06	1.09E-06	3.11E-07	1.41E-06	2.59E-07	7.97E-08	3.39E-07	2.02E-07	3.84E-08	2.40E-07
7678	625029.53	4265727.86	1.31E-06	4.15E-07	1.72E-06	1.09E-06	3.11E-07	1.40E-06	2.59E-07	7.95E-08	3.38E-07	2.02E-07	3.83E-08	2.40E-07
7679	625029.69	4265717.92	1.30E-06	4.14E-07	1.72E-06	1.09E-06	3.10E-07	1.40E-06	2.58E-07	7.94E-08	3.38E-07	2.01E-07	3.82E-08	2.40E-07
7680	625029.86	4265707.99	1.30E-06	4.14E-07	1.72E-06	1.09E-06	3.10E-07	1.40E-06	2.58E-07	7.92E-08	3.37E-07	2.01E-07	3.82E-08	2.39E-07
7681	625030.02	4265698.06	1.30E-06	4.13E-07	1.71E-06	1.09E-06	3.09E-07	1.40E-06	2.57E-07	7.91E-08	3.36E-07	2.01E-07	3.81E-08	2.39E-07
7682	625030.18	4265688.12	1.30E-06	4.12E-07	1.71E-06	1.08E-06	3.08E-07	1.39E-06	2.57E-07	7.89E-08	3.36E-07	2.00E-07	3.80E-08	2.38E-07
7683	625030.35	4265678.19	1.29E-06	4.11E-07	1.70E-06	1.08E-06	3.08E-07	1.39E-06	2.56E-07	7.87E-08	3.35E-07	2.00E-07	3.79E-08	2.37E-07
7684	625036.06	4266181.75	1.06E-06	3.36E-07	1.40E-06	8.85E-07	2.52E-07	1.14E-06	2.10E-07	6.44E-08	2.74E-07	1.63E-07	3.10E-08	1.94E-07
7685	625032.24	4266190.54	1.07E-06	3.40E-07	1.41E-06	8.96E-07	2.55E-07	1.15E-06	2.12E-07	6.52E-08	2.77E-07	1.65E-07	3.14E-08	1.97E-07
7686	625028.43	4266199.32	1.08E-06	3.44E-07	1.43E-06	9.06E-07	2.58E-07	1.16E-06	2.15E-07	6.59E-08	2.80E-07	1.67E-07	3.18E-08	1.99E-07
7687	625024.62	4266208.1	1.10E-06	3.48E-07	1.44E-06	9.15E-07	2.60E-07	1.18E-06	2.17E-07	6.66E-08	2.83E-07	1.69E-07	3.21E-08	2.01E-07
7688	625020.81	4266216.89	1.11E-06	3.51E-07	1.46E-06	9.24E-07	2.63E-07	1.19E-06	2.19E-07	6.73E-08	2.86E-07	1.71E-07	3.24E-08	2.03E-07
7689	625016.99	4266225.67	1.12E-06	3.55E-07	1.47E-06	9.33E-07	2.65E-07	1.20E-06	2.21E-07	6.79E-08	2.89E-07	1.72E-07	3.27E-08	2.05E-07
7690	625013.18	4266234.45	1.13E-06	3.58E-07	1.48E-06	9.41E-07	2.68E-07	1.21E-06	2.23E-07	6.85E-08	2.91E-07	1.74E-07	3.30E-08	2.07E-07
7691	624994.12	4266278.37	1.17E-06	3.71E-07	1.54E-06	9.77E-07	2.78E-07	1.26E-06	2.31E-07	7.11E-08	3.03E-07	1.80E-07	3.43E-08	2.15E-07
7692	624990.31	4266287.15	1.18E-06	3.73E-07	1.55E-06	9.83E-07	2.80E-07	1.26E-06	2.33E-07	7.15E-08	3.04E-07	1.81E-07	3.45E-08	2.16E-07

7693	624950.86	4266309.97	1.35E-06	4.29E-07	1.78E-06	1.13E-06	3.21E-07	1.45E-06	2.67E-07	8.21E-08	3.49E-07	2.08E-07	3.96E-08	2.48E-07
7694	624941.95	4266313.48	1.39E-06	4.42E-07	1.83E-06	1.16E-06	3.31E-07	1.49E-06	2.76E-07	8.47E-08	3.60E-07	2.15E-07	4.08E-08	2.56E-07
7695	624933.04	4266316.99	1.43E-06	4.55E-07	1.89E-06	1.20E-06	3.41E-07	1.54E-06	2.84E-07	8.73E-08	3.71E-07	2.21E-07	4.20E-08	2.63E-07
7696	624924.13	4266320.5	1.47E-06	4.68E-07	1.94E-06	1.23E-06	3.51E-07	1.58E-06	2.92E-07	8.97E-08	3.82E-07	2.28E-07	4.32E-08	2.71E-07
7697	624897.4	4266331.03	1.59E-06	5.04E-07	2.09E-06	1.33E-06	3.77E-07	1.70E-06	3.14E-07	9.65E-08	4.11E-07	2.45E-07	4.65E-08	2.91E-07
7698	624888.49	4266334.53	1.62E-06	5.14E-07	2.13E-06	1.35E-06	3.85E-07	1.74E-06	3.20E-07	9.85E-08	4.19E-07	2.50E-07	4.75E-08	2.97E-07
7699	624879.59	4266338.04	1.65E-06	5.23E-07	2.17E-06	1.38E-06	3.92E-07	1.77E-06	3.26E-07	1.00E-07	4.27E-07	2.54E-07	4.83E-08	3.03E-07
7700	624870.68	4266341.55	1.67E-06	5.32E-07	2.21E-06	1.40E-06	3.98E-07	1.80E-06	3.31E-07	1.02E-07	4.33E-07	2.58E-07	4.91E-08	3.07E-07
7701	624861.77	4266345.06	1.70E-06	5.39E-07	2.24E-06	1.42E-06	4.03E-07	1.82E-06	3.36E-07	1.03E-07	4.39E-07	2.62E-07	4.97E-08	3.12E-07
7702	624852.86	4266348.57	1.72E-06	5.45E-07	2.26E-06	1.43E-06	4.08E-07	1.84E-06	3.40E-07	1.04E-07	4.44E-07	2.65E-07	5.03E-08	3.15E-07
7703	625047.66	4266145.47	1.02E-06	3.24E-07	1.34E-06	8.53E-07	2.43E-07	1.10E-06	2.02E-07	6.21E-08	2.64E-07	1.57E-07	2.99E-08	1.87E-07
7704	625047.82	4266135.54	1.02E-06	3.25E-07	1.35E-06	8.55E-07	2.43E-07	1.10E-06	2.03E-07	6.23E-08	2.65E-07	1.58E-07	3.00E-08	1.88E-07
7705	625047.98	4266125.6	1.03E-06	3.26E-07	1.35E-06	8.58E-07	2.44E-07	1.10E-06	2.03E-07	6.25E-08	2.66E-07	1.58E-07	3.01E-08	1.88E-07
7706	625048.15	4266115.67	1.03E-06	3.27E-07	1.36E-06	8.61E-07	2.45E-07	1.11E-06	2.04E-07	6.27E-08	2.66E-07	1.59E-07	3.02E-08	1.89E-07
7707	625048.31	4266105.74	1.03E-06	3.28E-07	1.36E-06	8.64E-07	2.46E-07	1.11E-06	2.05E-07	6.29E-08	2.67E-07	1.59E-07	3.03E-08	1.90E-07
7708	625048.47	4266095.8	1.04E-06	3.30E-07	1.37E-06	8.67E-07	2.47E-07	1.11E-06	2.05E-07	6.31E-08	2.69E-07	1.60E-07	3.04E-08	1.91E-07
7709	625048.64	4266085.87	1.04E-06	3.31E-07	1.37E-06	8.71E-07	2.48E-07	1.12E-06	2.06E-07	6.34E-08	2.70E-07	1.61E-07	3.05E-08	1.91E-07
7710	625048.8	4266075.94	1.05E-06	3.32E-07	1.38E-06	8.75E-07	2.49E-07	1.12E-06	2.07E-07	6.37E-08	2.71E-07	1.62E-07	3.07E-08	1.92E-07
7711	625048.96	4266066	1.05E-06	3.34E-07	1.39E-06	8.80E-07	2.50E-07	1.13E-06	2.08E-07	6.41E-08	2.72E-07	1.62E-07	3.09E-08	1.93E-07
7712	625049.13	4266056.07	1.06E-06	3.36E-07	1.39E-06	8.85E-07	2.52E-07	1.14E-06	2.10E-07	6.44E-08	2.74E-07	1.63E-07	3.10E-08	1.94E-07
7713	625049.29	4266046.14	1.06E-06	3.38E-07	1.40E-06	8.90E-07	2.53E-07	1.14E-06	2.11E-07	6.48E-08	2.76E-07	1.64E-07	3.12E-08	1.95E-07
7714	625049.46	4266036.2	1.07E-06	3.40E-07	1.41E-06	8.95E-07	2.55E-07	1.15E-06	2.12E-07	6.51E-08	2.77E-07	1.65E-07	3.14E-08	1.97E-07
7715	625049.62	4266026.27	1.08E-06	3.42E-07	1.42E-06	9.00E-07	2.56E-07	1.16E-06	2.13E-07	6.55E-08	2.79E-07	1.66E-07	3.15E-08	1.98E-07
7716	625049.78	4266016.34	1.08E-06	3.44E-07	1.43E-06	9.05E-07	2.57E-07	1.16E-06	2.14E-07	6.58E-08	2.80E-07	1.67E-07	3.17E-08	1.99E-07
7717	625049.95	4266006.4	1.09E-06	3.46E-07	1.43E-06	9.09E-07	2.59E-07	1.17E-06	2.15E-07	6.62E-08	2.82E-07	1.68E-07	3.19E-08	2.00E-07
7718	625050.11	4265996.47	1.09E-06	3.47E-07	1.44E-06	9.14E-07	2.60E-07	1.17E-06	2.16E-07	6.65E-08	2.83E-07	1.69E-07	3.21E-08	2.01E-07
7719	625050.27	4265986.54	1.10E-06	3.49E-07	1.45E-06	9.19E-07	2.61E-07	1.18E-06	2.18E-07	6.69E-08	2.85E-07	1.70E-07	3.22E-08	2.02E-07
7720	625050.44	4265976.6	1.11E-06	3.51E-07	1.46E-06	9.24E-07	2.63E-07	1.19E-06	2.19E-07	6.72E-08	2.86E-07	1.71E-07	3.24E-08	2.03E-07
7721	625050.6	4265966.67	1.11E-06	3.53E-07	1.46E-06	9.28E-07	2.64E-07	1.19E-06	2.20E-07	6.76E-08	2.87E-07	1.71E-07	3.25E-08	2.04E-07
7722	625050.76	4265956.74	1.12E-06	3.54E-07	1.47E-06	9.33E-07	2.65E-07	1.20E-06	2.21E-07	6.79E-08	2.89E-07	1.72E-07	3.27E-08	2.05E-07
7723	625050.93	4265946.8	1.12E-06	3.56E-07	1.48E-06	9.37E-07	2.67E-07	1.20E-06	2.22E-07	6.82E-08	2.90E-07	1.73E-07	3.29E-08	2.06E-07
7724	625051.09	4265936.87	1.13E-06	3.58E-07	1.48E-06	9.42E-07	2.68E-07	1.21E-06	2.23E-07	6.86E-08	2.92E-07	1.74E-07	3.30E-08	2.07E-07
7725	625051.25	4265926.94	1.13E-06	3.59E-07	1.49E-06	9.46E-07	2.69E-07	1.22E-06	2.24E-07	6.89E-08	2.93E-07	1.75E-07	3.32E-08	2.08E-07
7726	625051.42	4265917	1.14E-06	3.61E-07	1.50E-06	9.50E-07	2.70E-07	1.22E-06	2.25E-07	6.91E-08	2.94E-07	1.75E-07	3.33E-08	2.09E-07
7727	625051.58	4265907.07	1.14E-06	3.62E-07	1.50E-06	9.53E-07	2.71E-07	1.22E-06	2.26E-07	6.94E-08	2.95E-07	1.76E-07	3.34E-08	2.09E-07
7728	625051.74	4265897.14	1.14E-06	3.63E-07	1.51E-06	9.56E-07	2.72E-07	1.23E-06	2.27E-07	6.96E-08	2.96E-07	1.77E-07	3.35E-08	2.10E-07
7729	625051.91	4265887.2	1.15E-06	3.65E-07	1.51E-06	9.59E-07	2.73E-07	1.23E-06	2.27E-07	6.98E-08	2.97E-07	1.77E-07	3.36E-08	2.11E-07
7730	625052.07	4265877.27	1.15E-06	3.66E-07	1.52E-06	9.62E-07	2.74E-07	1.24E-06	2.28E-07	7.00E-08	2.98E-07	1.78E-07	3.37E-08	2.11E-07
7731	625052.24	4265867.34	1.15E-06	3.66E-07	1.52E-06	9.64E-07	2.74E-07	1.24E-06	2.28E-07	7.02E-08	2.99E-07	1.78E-07	3.38E-08	2.12E-07
7732	625052.4	4265857.4	1.16E-06	3.67E-07	1.52E-06	9.67E-07	2.75E-07	1.24E-06	2.29E-07	7.04E-08	2.99E-07	1.78E-07	3.39E-08	2.12E-07
7733	625052.56	4265847.47	1.16E-06	3.68E-07	1.53E-06	9.68E-07	2.75E-07	1.24E-06	2.29E-07	7.05E-08	3.00E-07	1.79E-07	3.40E-08	2.13E-07
7734	625052.73	4265837.54	1.16E-06	3.68E-07	1.53E-06	9.70E-07	2.76E-07	1.25E-06	2.30E-07	7.06E-08	3.00E-07	1.79E-07	3.40E-08	2.13E-07
7735	625052.89	4265827.6	1.16E-06	3.69E-07	1.53E-06	9.71E-07	2.76E-07	1.25E-06	2.30E-07	7.07E-08	3.01E-07	1.79E-07	3.41E-08	2.13E-07
7736	625053.05	4265817.67	1.16E-06	3.69E-07	1.53E-06	9.72E-07	2.76E-07	1.25E-06	2.30E-07	7.08E-08	3.01E-07	1.79E-07	3.41E-08	2.14E-07
7737	625053.22	4265807.74	1.16E-06	3.69E-07	1.53E-06	9.72E-07	2.77E-07	1.25E-06	2.30E-07	7.08E-08	3.01E-07	1.80E-07	3.41E-08	2.14E-07
7738	625053.38	4265797.8	1.16E-06	3.69E-07	1.53E-06	9.72E-07	2.77E-07	1.25E-06	2.30E-07	7.08E-08	3.01E-07	1.79E-07	3.41E-08	2.14E-07
7739	625053.54	4265787.87	1.16E-06	3.69E-07	1.53E-06	9.72E-07	2.76E-07	1.25E-06	2.30E-07	7.07E-08	3.01E-07	1.79E-07	3.41E-08	2.13E-07
7740	625053.71	4265777.94	1.16E-06	3.69E-07	1.53E-06	9.71E-07	2.76E-07	1.25E-06	2.30E-07	7.07E-08	3.01E-07	1.79E-07	3.40E-08	2.13E-07
7741	625053.87	4265768	1.16E-06	3.68E-07	1.53E-06	9.70E-07	2.76E-07	1.25E-06	2.30E-07	7.06E-08	3.00E-07	1.79E-07	3.40E-08	2.13E-07
7742	625054.03	4265758.07	1.16E-06	3.68E-07	1.53E-06	9.68E-07	2.75E-07	1.24E-06	2.29E-07	7.05E-08	3.00E-07	1.79E-07	3.40E-08	2.13E-07
7743	625054.2	4265748.14	1.16E-06	3.67E-07	1.52E-06	9.67E-07	2.75E-07	1.24E-06	2.29E-07	7.04E-08	2.99E-07	1.79E-07	3.39E-08	2.12E-07
7744	625054.36	4265738.2	1.16E-06	3.67E-07	1.52E-06	9.66E-07	2.75E-07	1.24E-06	2.29E-07	7.03E-08	2.99E-07	1.78E-07	3.39E-08	2.12E-07
7745	625054.53	4265728.27	1.16E-06	3.67E-07	1.52E-06	9.65E-07	2.75E-07	1.24E-06	2.29E-07	7.03E-08	2.99E-07	1.78E-07	3.39E-08	2.12E-07
7746	625054.69	4265718.34	1.15E-06	3.67E-07	1.52E-06	9.65E-07	2.74E-07	1.24E-06	2.29E-07	7.02E-08	2.99E-07	1.78E-07	3.38E-08	2.12E-07
7747	625054.85	4265708.4	1.15E-06	3.66E-07	1.52E-06	9.64E-07	2.74E-07	1.24E-06	2.28E-07	7.02E-08	2.99E-07	1.78E-07	3.38E-08	2.12E-07
7748	625055.02	4265698.47	1.15E-06	3.66E-07	1.52E-06	9.64E-07	2.74E-07	1.24E-06	2.28E-07	7.02E-08	2.98E-07	1.78E-07	3.38E-08	2.12E-07
7749	625055.18	4265688.54	1.15E-06	3.66E-07	1.52E-06	9.63E-07	2.74E-07	1.24E-06	2.28E-07	7.01E-08	2.98E-07	1.78E-07	3.38E-08	2.12E-07
7750	625055.34	4265678.6	1.15E-06	3.65E-07	1.52E-06	9.62E-07	2.74E-07	1.24E-06	2.28E-07	7.00E-08	2.98E-07	1.78E-07	3.37E-08	2.11E-07
7751	625049.61	4266208.51	9.75E-07	3.10E-07	1.29E-06	8.15E-07	2.32E-07	1.05E-06	1.93E-07	5.94E-08	2.52E-07	1.51E-07	2.86E-08	1.79E-07
7752	625045.8	4266217.3	9.85E-07	3.13E-07	1.30E-06	8.23E-07	2.34E-07	1.06E-06	1.95E-07	5.99E-08	2.55E-07	1.52E-07	2.89E-08	1.81E-07
7753	625041.99	4266226.08	9.94E-07	3.16E-07	1.31E-06	8.31E-07	2.36E-07	1.07E-06	1.97E-07	6.05E-08	2.57E-07	1.53E-07	2.91E-08	1.83E-07
7754	625038.18	4266234.86	1.00E-06	3.19E-07	1.32E-06	8.38E-07	2.39E-07	1.08E-06	1.99E-07	6.10E-08	2.60E-07	1.55E-07	2.94E-08	1.84E-07
7755	625034.37	4266243.65	1.01E-06	3.21E-07	1.33E-06	8.46E-07	2.41E-07	1.09E-06	2.00E-07	6.16E-08	2.62E-07	1.56E-07	2.97E-08	1.86E-07
7756	625030.55	4266252.43	1.02E-06	3.24E-07	1.34E-06	8.53E-07	2.43E-07	1.10E-06	2.02E-07	6.21E-08	2.64E-07	1.57E-07	2.99E-08	1.87E-07
7757	625026.74	4266261.21	1.03E-06	3.27E-07	1.35E-06	8.60E-07	2.45E-07	1.10E-06	2.04E-07	6.26E-08	2.66E-07	1.59E-07	3.01E-08	1.89E-07
7758	625022.93	4266270	1.04E-06	3.29E-07	1.37E-06	8.66E-07	2.46E-07	1.11E-06	2.05E-07	6.31E-08	2.68E-07	1.60E-07	3.04E-08	1.90E-07
7759	625019.12	4266278.78	1.04E-06	3.31E-07	1.38E-06	8.72E-07	2.48E-07	1.12E-06	2.07E-07	6.35E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
7760	625015.3	4266287.57	1.05E-06	3.34E-07	1.38E-06	8.78E-07	2.50E-07	1.13E-06	2.08E-07	6.39E-08	2.72E-07	1.62E-07	3.08E-08	1.93E-07
7761	625011.49	4266296.35	1.06E-06	3.36E-07	1.39E-06	8.84E-07	2.51E-07	1.14E-06	2.09E-07	6.43E-08	2.74E-07	1.63E-07	3.10E-08	1.94E-07
7762	624986.05	4266320.93	1.14E-06	3.62E-07	1.50E-06	9.52E-07	2.71E-07	1.22E-06	2.26E-07	6.93E-08	2.95E-07	1.76E-07	3.34E-08	2.09E-07
7763	624977.14	4266324.44	1.18E-06	3.73E-07	1.55E-06	9.83E-07	2.80E-07	1.26E-06	2.33E-07	7.15E-08	3.04E-07	1.81E-07	3.45E-08	2.16E-07
7764	624968.23	4266327.95	1.21E-06	3.85E-07	1.60E-06	1.01E-06	2.88E-07	1.30E-06	2.40E-07	7.37E-08	3.14E-07	1.87E-07	3.55E-08	2.23E-07
7765	624959.32	4266331.46	1.25E-06	3.96E-07	1.64E-06	1.04E-06	2.97E-07	1.34E-06	2.47E-07	7.60E-08	3.23E-07	1.93E-07	3.66E-08	2.29E-07
7766	624950.41	4266334.97	1.28E-06	4.08E-07	1.69E-06	1.07E-06	3.05E-07	1.38E-06	2.54E-07	7.81E-08	3.32E-07	1.98E-07	3.76E-08	2.36E-07

7767	624941.5	4266338.48	1.32E-06	4.19E-07	1.74E-06	1.10E-06	3.14E-07	1.42E-06	2.61E-07	8.03E-08	3.41E-07	2.04E-07	3.87E-08	2.42E-07
7768	624932.59	4266341.99	1.35E-06	4.30E-07	1.78E-06	1.13E-06	3.22E-07	1.45E-06	2.68E-07	8.23E-08	3.50E-07	2.09E-07	3.97E-08	2.48E-07
7769	624923.68	4266345.49	1.39E-06	4.40E-07	1.83E-06	1.16E-06	3.30E-07	1.49E-06	2.74E-07	8.43E-08	3.59E-07	2.14E-07	4.06E-08	2.54E-07
7770	624896.96	4266356.02	1.47E-06	4.68E-07	1.94E-06	1.23E-06	3.50E-07	1.58E-06	2.92E-07	8.97E-08	3.81E-07	2.27E-07	4.32E-08	2.71E-07
7771	624888.05	4266359.53	1.50E-06	4.76E-07	1.97E-06	1.25E-06	3.56E-07	1.61E-06	2.97E-07	9.12E-08	3.88E-07	2.31E-07	4.39E-08	2.75E-07
7772	624879.14	4266363.04	1.52E-06	4.83E-07	2.00E-06	1.27E-06	3.62E-07	1.63E-06	3.01E-07	9.25E-08	3.93E-07	2.35E-07	4.46E-08	2.79E-07
7773	624870.23	4266366.55	1.54E-06	4.89E-07	2.03E-06	1.29E-06	3.66E-07	1.65E-06	3.05E-07	9.37E-08	3.98E-07	2.38E-07	4.51E-08	2.83E-07
7774	624861.32	4266370.06	1.56E-06	4.94E-07	2.05E-06	1.30E-06	3.70E-07	1.67E-06	3.08E-07	9.47E-08	4.03E-07	2.40E-07	4.56E-08	2.86E-07
7775	625072.65	4266145.88	9.09E-07	2.89E-07	1.20E-06	7.60E-07	2.16E-07	9.76E-07	1.80E-07	5.53E-08	2.35E-07	1.40E-07	2.66E-08	1.67E-07
7776	625072.82	4266135.95	9.11E-07	2.89E-07	1.20E-06	7.61E-07	2.17E-07	9.78E-07	1.80E-07	5.54E-08	2.36E-07	1.41E-07	2.67E-08	1.67E-07
7777	625072.98	4266126.01	9.13E-07	2.90E-07	1.20E-06	7.63E-07	2.17E-07	9.80E-07	1.81E-07	5.55E-08	2.36E-07	1.41E-07	2.67E-08	1.68E-07
7778	625073.14	4266116.08	9.15E-07	2.91E-07	1.21E-06	7.65E-07	2.18E-07	9.82E-07	1.81E-07	5.57E-08	2.37E-07	1.41E-07	2.68E-08	1.68E-07
7779	625073.31	4266106.15	9.17E-07	2.91E-07	1.21E-06	7.67E-07	2.18E-07	9.85E-07	1.82E-07	5.58E-08	2.37E-07	1.42E-07	2.69E-08	1.68E-07
7780	625073.47	4266096.21	9.20E-07	2.92E-07	1.21E-06	7.69E-07	2.19E-07	9.88E-07	1.82E-07	5.60E-08	2.38E-07	1.42E-07	2.70E-08	1.69E-07
7781	625073.63	4266086.28	9.24E-07	2.93E-07	1.22E-06	7.72E-07	2.20E-07	9.92E-07	1.83E-07	5.62E-08	2.39E-07	1.43E-07	2.71E-08	1.70E-07
7782	625073.8	4266076.35	9.28E-07	2.95E-07	1.22E-06	7.76E-07	2.21E-07	9.96E-07	1.84E-07	5.65E-08	2.40E-07	1.43E-07	2.72E-08	1.70E-07
7783	625073.96	4266066.41	9.32E-07	2.96E-07	1.23E-06	7.79E-07	2.22E-07	1.00E-06	1.84E-07	5.67E-08	2.41E-07	1.44E-07	2.73E-08	1.71E-07
7784	625074.12	4266056.48	9.36E-07	2.97E-07	1.23E-06	7.83E-07	2.23E-07	1.01E-06	1.85E-07	5.70E-08	2.42E-07	1.44E-07	2.74E-08	1.72E-07
7785	625074.29	4266046.55	9.41E-07	2.99E-07	1.24E-06	7.86E-07	2.24E-07	1.01E-06	1.86E-07	5.72E-08	2.43E-07	1.45E-07	2.76E-08	1.73E-07
7786	625074.45	4266036.61	9.45E-07	3.00E-07	1.25E-06	7.90E-07	2.25E-07	1.01E-06	1.87E-07	5.75E-08	2.45E-07	1.46E-07	2.77E-08	1.74E-07
7787	625074.62	4266026.68	9.50E-07	3.02E-07	1.25E-06	7.94E-07	2.26E-07	1.02E-06	1.88E-07	5.78E-08	2.46E-07	1.47E-07	2.78E-08	1.74E-07
7788	625074.78	4266016.75	9.55E-07	3.03E-07	1.26E-06	7.98E-07	2.27E-07	1.02E-06	1.89E-07	5.81E-08	2.47E-07	1.47E-07	2.80E-08	1.75E-07
7789	625074.94	4266006.81	9.60E-07	3.05E-07	1.26E-06	8.02E-07	2.28E-07	1.03E-06	1.90E-07	5.84E-08	2.48E-07	1.48E-07	2.81E-08	1.76E-07
7790	625075.11	4265996.88	9.65E-07	3.06E-07	1.27E-06	8.06E-07	2.29E-07	1.04E-06	1.91E-07	5.87E-08	2.50E-07	1.49E-07	2.83E-08	1.77E-07
7791	625075.27	4265986.95	9.70E-07	3.08E-07	1.28E-06	8.10E-07	2.31E-07	1.04E-06	1.92E-07	5.90E-08	2.51E-07	1.50E-07	2.84E-08	1.78E-07
7792	625075.43	4265977.01	9.75E-07	3.10E-07	1.28E-06	8.15E-07	2.32E-07	1.05E-06	1.93E-07	5.93E-08	2.52E-07	1.50E-07	2.86E-08	1.79E-07
7793	625075.6	4265967.08	9.81E-07	3.11E-07	1.29E-06	8.20E-07	2.33E-07	1.05E-06	1.94E-07	5.97E-08	2.54E-07	1.51E-07	2.87E-08	1.80E-07
7794	625075.76	4265957.15	9.86E-07	3.13E-07	1.30E-06	8.24E-07	2.34E-07	1.06E-06	1.95E-07	6.00E-08	2.55E-07	1.52E-07	2.89E-08	1.81E-07
7795	625075.92	4265947.21	9.91E-07	3.15E-07	1.31E-06	8.28E-07	2.36E-07	1.06E-06	1.96E-07	6.03E-08	2.56E-07	1.53E-07	2.90E-08	1.82E-07
7796	625076.09	4265937.28	9.95E-07	3.16E-07	1.31E-06	8.32E-07	2.37E-07	1.07E-06	1.97E-07	6.06E-08	2.58E-07	1.54E-07	2.92E-08	1.83E-07
7797	625076.25	4265927.35	1.00E-06	3.18E-07	1.32E-06	8.36E-07	2.38E-07	1.07E-06	1.98E-07	6.08E-08	2.59E-07	1.54E-07	2.93E-08	1.84E-07
7798	625076.41	4265917.41	1.00E-06	3.19E-07	1.32E-06	8.39E-07	2.39E-07	1.08E-06	1.99E-07	6.11E-08	2.60E-07	1.55E-07	2.94E-08	1.84E-07
7799	625076.58	4265907.48	1.01E-06	3.20E-07	1.33E-06	8.43E-07	2.40E-07	1.08E-06	2.00E-07	6.13E-08	2.61E-07	1.56E-07	2.95E-08	1.85E-07
7800	625076.74	4265897.55	1.01E-06	3.21E-07	1.33E-06	8.46E-07	2.41E-07	1.09E-06	2.00E-07	6.16E-08	2.62E-07	1.56E-07	2.97E-08	1.86E-07
7801	625076.91	4265887.61	1.02E-06	3.22E-07	1.34E-06	8.49E-07	2.41E-07	1.09E-06	2.01E-07	6.18E-08	2.63E-07	1.57E-07	2.98E-08	1.86E-07
7802	625077.07	4265877.68	1.02E-06	3.24E-07	1.34E-06	8.52E-07	2.42E-07	1.09E-06	2.02E-07	6.20E-08	2.64E-07	1.57E-07	2.99E-08	1.87E-07
7803	625077.23	4265867.75	1.02E-06	3.24E-07	1.35E-06	8.54E-07	2.43E-07	1.10E-06	2.02E-07	6.22E-08	2.64E-07	1.58E-07	2.99E-08	1.88E-07
7804	625077.4	4265857.81	1.02E-06	3.25E-07	1.35E-06	8.56E-07	2.44E-07	1.10E-06	2.03E-07	6.23E-08	2.65E-07	1.58E-07	3.00E-08	1.88E-07
7805	625077.56	4265847.88	1.03E-06	3.26E-07	1.35E-06	8.59E-07	2.44E-07	1.10E-06	2.03E-07	6.25E-08	2.66E-07	1.59E-07	3.01E-08	1.89E-07
7806	625077.72	4265837.95	1.03E-06	3.27E-07	1.36E-06	8.61E-07	2.45E-07	1.11E-06	2.04E-07	6.26E-08	2.66E-07	1.59E-07	3.02E-08	1.89E-07
7807	625077.89	4265828.01	1.03E-06	3.27E-07	1.36E-06	8.62E-07	2.45E-07	1.11E-06	2.04E-07	6.27E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
7808	625078.05	4265818.08	1.03E-06	3.28E-07	1.36E-06	8.62E-07	2.45E-07	1.11E-06	2.04E-07	6.28E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
7809	625078.21	4265808.15	1.03E-06	3.28E-07	1.36E-06	8.63E-07	2.45E-07	1.11E-06	2.04E-07	6.28E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
7810	625078.38	4265798.21	1.03E-06	3.28E-07	1.36E-06	8.63E-07	2.45E-07	1.11E-06	2.04E-07	6.28E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
7811	625078.54	4265788.28	1.03E-06	3.28E-07	1.36E-06	8.62E-07	2.45E-07	1.11E-06	2.04E-07	6.28E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
7812	625078.7	4265778.35	1.03E-06	3.27E-07	1.36E-06	8.62E-07	2.45E-07	1.11E-06	2.04E-07	6.27E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
7813	625078.87	4265768.41	1.03E-06	3.27E-07	1.36E-06	8.61E-07	2.45E-07	1.11E-06	2.04E-07	6.27E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
7814	625079.03	4265758.48	1.03E-06	3.27E-07	1.36E-06	8.61E-07	2.45E-07	1.11E-06	2.04E-07	6.27E-08	2.66E-07	1.59E-07	3.02E-08	1.89E-07
7815	625079.19	4265748.55	1.03E-06	3.27E-07	1.36E-06	8.60E-07	2.45E-07	1.11E-06	2.04E-07	6.26E-08	2.66E-07	1.59E-07	3.02E-08	1.89E-07
7816	625079.36	4265738.61	1.03E-06	3.27E-07	1.36E-06	8.60E-07	2.45E-07	1.10E-06	2.04E-07	6.26E-08	2.66E-07	1.59E-07	3.02E-08	1.89E-07
7817	625079.52	4265728.68	1.03E-06	3.27E-07	1.36E-06	8.60E-07	2.45E-07	1.10E-06	2.04E-07	6.26E-08	2.66E-07	1.59E-07	3.02E-08	1.89E-07
7818	625079.69	4265718.75	1.03E-06	3.27E-07	1.36E-06	8.61E-07	2.45E-07	1.11E-06	2.04E-07	6.26E-08	2.66E-07	1.59E-07	3.02E-08	1.89E-07
7819	625079.85	4265708.81	1.03E-06	3.27E-07	1.36E-06	8.61E-07	2.45E-07	1.11E-06	2.04E-07	6.27E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
7820	625080.01	4265698.88	1.03E-06	3.27E-07	1.36E-06	8.61E-07	2.45E-07	1.11E-06	2.04E-07	6.27E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
7821	625080.18	4265688.95	1.03E-06	3.27E-07	1.36E-06	8.62E-07	2.45E-07	1.11E-06	2.04E-07	6.27E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
7822	625080.34	4265679.01	1.03E-06	3.27E-07	1.36E-06	8.61E-07	2.45E-07	1.11E-06	2.04E-07	6.27E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
7823	625047.92	4266270.41	9.29E-07	2.95E-07	1.22E-06	7.77E-07	2.21E-07	9.98E-07	1.84E-07	5.66E-08	2.41E-07	1.43E-07	2.72E-08	1.71E-07
7824	625044.11	4266279.19	9.37E-07	2.97E-07	1.23E-06	7.83E-07	2.23E-07	1.01E-06	1.85E-07	5.70E-08	2.42E-07	1.45E-07	2.74E-08	1.72E-07
7825	625040.3	4266287.98	9.44E-07	3.00E-07	1.24E-06	7.89E-07	2.24E-07	1.01E-06	1.87E-07	5.74E-08	2.44E-07	1.46E-07	2.77E-08	1.73E-07
7826	625036.49	4266296.76	9.50E-07	3.02E-07	1.25E-06	7.94E-07	2.26E-07	1.02E-06	1.88E-07	5.78E-08	2.46E-07	1.47E-07	2.78E-08	1.74E-07
7827	625032.67	4266305.54	9.57E-07	3.04E-07	1.26E-06	7.99E-07	2.27E-07	1.03E-06	1.89E-07	5.82E-08	2.48E-07	1.48E-07	2.80E-08	1.76E-07
7828	625028.86	4266314.33	9.62E-07	3.06E-07	1.27E-06	8.04E-07	2.29E-07	1.03E-06	1.90E-07	5.86E-08	2.49E-07	1.48E-07	2.82E-08	1.77E-07
7829	625025.05	4266323.11	9.68E-07	3.07E-07	1.27E-06	8.09E-07	2.30E-07	1.04E-06	1.92E-07	5.89E-08	2.50E-07	1.49E-07	2.84E-08	1.78E-07
7830	625012.33	4266335.4	1.00E-06	3.18E-07	1.32E-06	8.38E-07	2.38E-07	1.08E-06	1.98E-07	6.10E-08	2.59E-07	1.55E-07	2.94E-08	1.84E-07
7831	624976.69	4266349.44	1.13E-06	3.58E-07	1.49E-06	9.42E-07	2.68E-07	1.21E-06	2.23E-07	6.86E-08	2.92E-07	1.74E-07	3.30E-08	2.07E-07
7832	624967.78	4266352.95	1.16E-06	3.68E-07	1.53E-06	9.68E-07	2.75E-07	1.24E-06	2.29E-07	7.05E-08	3.00E-07	1.79E-07	3.40E-08	2.13E-07
7833	624958.87	4266356.46	1.19E-06	3.78E-07	1.57E-06	9.94E-07	2.83E-07	1.28E-06	2.35E-07	7.23E-08	3.08E-07	1.83E-07	3.48E-08	2.18E-07
7834	624949.96	4266359.96	1.22E-06	3.87E-07	1.61E-06	1.02E-06	2.90E-07	1.31E-06	2.41E-07	7.42E-08	3.15E-07	1.88E-07	3.57E-08	2.24E-07
7835	624941.06	4266363.47	1.25E-06	3.96E-07	1.64E-06	1.04E-06	2.97E-07	1.34E-06	2.47E-07	7.59E-08	3.23E-07	1.92E-07	3.66E-08	2.29E-07
7836	624932.15	4266366.98	1.28E-06	4.05E-07	1.68E-06	1.07E-06	3.03E-07	1.37E-06	2.52E-07	7.76E-08	3.30E-07	1.97E-07	3.74E-08	2.34E-07
7837	624923.24	4266370.49	1.30E-06	4.13E-07	1.71E-06	1.09E-06	3.09E-07	1.40E-06	2.58E-07	7.92E-08	3.37E-07	2.01E-07	3.81E-08	2.39E-07
7838	624860.87	4266395.05	1.43E-06	4.55E-07	1.89E-06	1.20E-06	3.41E-07	1.54E-06	2.84E-07	8.72E-08	3.71E-07	2.21E-07	4.20E-08	2.63E-07
7839	624851.97	4266398.56	1.44E-06	4.58E-07	1.90E-06	1.21E-06	3.43E-07	1.55E-06	2.85E-07	8.78E-08	3.73E-07	2.23E-07	4.23E-08	2.65E-07
7840	625097.65	4266146.29	8.16E-07	2.59E-07	1.07E-06	6.82E-07	1.94E-07	8.76E-07	1.61E-07	4.96E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07

7841	625097.81	4266136.36	8.17E-07	2.59E-07	1.08E-06	6.83E-07	1.94E-07	8.77E-07	1.62E-07	4.97E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
7842	625097.98	4266126.43	8.18E-07	2.60E-07	1.08E-06	6.84E-07	1.95E-07	8.79E-07	1.62E-07	4.98E-08	2.12E-07	1.26E-07	2.40E-08	1.50E-07
7843	625098.14	4266116.49	8.20E-07	2.60E-07	1.08E-06	6.85E-07	1.95E-07	8.80E-07	1.62E-07	4.99E-08	2.12E-07	1.27E-07	2.40E-08	1.51E-07
7844	625098.3	4266106.56	8.22E-07	2.61E-07	1.08E-06	6.87E-07	1.95E-07	8.83E-07	1.63E-07	5.00E-08	2.13E-07	1.27E-07	2.41E-08	1.51E-07
7845	625098.47	4266096.63	8.24E-07	2.62E-07	1.09E-06	6.89E-07	1.96E-07	8.85E-07	1.63E-07	5.02E-08	2.13E-07	1.27E-07	2.42E-08	1.51E-07
7846	625098.63	4266086.69	8.27E-07	2.63E-07	1.09E-06	6.91E-07	1.97E-07	8.87E-07	1.64E-07	5.03E-08	2.14E-07	1.28E-07	2.42E-08	1.52E-07
7847	625098.79	4266076.76	8.29E-07	2.63E-07	1.09E-06	6.93E-07	1.97E-07	8.90E-07	1.64E-07	5.05E-08	2.15E-07	1.28E-07	2.43E-08	1.52E-07
7848	625098.96	4266066.83	8.32E-07	2.64E-07	1.10E-06	6.96E-07	1.98E-07	8.94E-07	1.65E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
7849	625099.12	4266056.89	8.35E-07	2.65E-07	1.10E-06	6.98E-07	1.99E-07	8.97E-07	1.65E-07	5.08E-08	2.16E-07	1.29E-07	2.45E-08	1.53E-07
7850	625099.29	4266046.96	8.39E-07	2.66E-07	1.11E-06	7.01E-07	1.99E-07	9.01E-07	1.66E-07	5.11E-08	2.17E-07	1.29E-07	2.46E-08	1.54E-07
7851	625099.45	4266037.03	8.43E-07	2.68E-07	1.11E-06	7.04E-07	2.00E-07	9.05E-07	1.67E-07	5.13E-08	2.18E-07	1.30E-07	2.47E-08	1.55E-07
7852	625099.61	4266027.09	8.47E-07	2.69E-07	1.12E-06	7.08E-07	2.01E-07	9.09E-07	1.68E-07	5.15E-08	2.19E-07	1.31E-07	2.48E-08	1.55E-07
7853	625099.78	4266017.16	8.51E-07	2.70E-07	1.12E-06	7.11E-07	2.02E-07	9.14E-07	1.68E-07	5.18E-08	2.20E-07	1.31E-07	2.49E-08	1.56E-07
7854	625099.94	4266007.23	8.56E-07	2.72E-07	1.13E-06	7.15E-07	2.03E-07	9.19E-07	1.69E-07	5.21E-08	2.21E-07	1.32E-07	2.51E-08	1.57E-07
7855	625100.1	4265997.29	8.61E-07	2.73E-07	1.13E-06	7.19E-07	2.05E-07	9.24E-07	1.70E-07	5.24E-08	2.23E-07	1.33E-07	2.52E-08	1.58E-07
7856	625100.27	4265987.36	8.65E-07	2.75E-07	1.14E-06	7.23E-07	2.06E-07	9.29E-07	1.71E-07	5.27E-08	2.24E-07	1.34E-07	2.54E-08	1.59E-07
7857	625100.43	4265977.43	8.70E-07	2.76E-07	1.15E-06	7.27E-07	2.07E-07	9.34E-07	1.72E-07	5.29E-08	2.25E-07	1.34E-07	2.55E-08	1.60E-07
7858	625100.59	4265967.49	8.75E-07	2.78E-07	1.15E-06	7.31E-07	2.08E-07	9.39E-07	1.73E-07	5.32E-08	2.26E-07	1.35E-07	2.56E-08	1.61E-07
7859	625100.76	4265957.56	8.79E-07	2.79E-07	1.16E-06	7.35E-07	2.09E-07	9.44E-07	1.74E-07	5.35E-08	2.28E-07	1.36E-07	2.58E-08	1.61E-07
7860	625100.92	4265947.63	8.84E-07	2.81E-07	1.16E-06	7.39E-07	2.10E-07	9.49E-07	1.75E-07	5.38E-08	2.29E-07	1.36E-07	2.59E-08	1.62E-07
7861	625101.08	4265937.69	8.88E-07	2.82E-07	1.17E-06	7.42E-07	2.11E-07	9.53E-07	1.76E-07	5.40E-08	2.30E-07	1.37E-07	2.60E-08	1.63E-07
7862	625101.25	4265927.76	8.92E-07	2.83E-07	1.18E-06	7.46E-07	2.12E-07	9.58E-07	1.77E-07	5.43E-08	2.31E-07	1.38E-07	2.61E-08	1.64E-07
7863	625101.41	4265917.83	8.96E-07	2.85E-07	1.18E-06	7.49E-07	2.13E-07	9.62E-07	1.77E-07	5.45E-08	2.32E-07	1.38E-07	2.63E-08	1.65E-07
7864	625101.57	4265907.89	9.00E-07	2.86E-07	1.19E-06	7.52E-07	2.14E-07	9.66E-07	1.78E-07	5.48E-08	2.33E-07	1.39E-07	2.64E-08	1.65E-07
7865	625101.74	4265897.96	9.04E-07	2.87E-07	1.19E-06	7.55E-07	2.15E-07	9.70E-07	1.79E-07	5.50E-08	2.34E-07	1.39E-07	2.65E-08	1.66E-07
7866	625101.9	4265888.03	9.07E-07	2.88E-07	1.20E-06	7.58E-07	2.16E-07	9.74E-07	1.80E-07	5.52E-08	2.35E-07	1.40E-07	2.66E-08	1.67E-07
7867	625102.07	4265878.09	9.11E-07	2.89E-07	1.20E-06	7.61E-07	2.17E-07	9.78E-07	1.80E-07	5.54E-08	2.36E-07	1.41E-07	2.67E-08	1.67E-07
7868	625102.23	4265868.16	9.14E-07	2.90E-07	1.20E-06	7.64E-07	2.17E-07	9.82E-07	1.81E-07	5.56E-08	2.37E-07	1.41E-07	2.68E-08	1.68E-07
7869	625102.39	4265858.23	9.17E-07	2.91E-07	1.21E-06	7.66E-07	2.18E-07	9.84E-07	1.81E-07	5.58E-08	2.37E-07	1.41E-07	2.69E-08	1.68E-07
7870	625102.56	4265848.29	9.19E-07	2.92E-07	1.21E-06	7.68E-07	2.18E-07	9.87E-07	1.82E-07	5.59E-08	2.38E-07	1.42E-07	2.69E-08	1.69E-07
7871	625102.72	4265838.36	9.21E-07	2.92E-07	1.21E-06	7.69E-07	2.19E-07	9.88E-07	1.82E-07	5.60E-08	2.38E-07	1.42E-07	2.70E-08	1.69E-07
7872	625102.88	4265828.43	9.22E-07	2.93E-07	1.21E-06	7.70E-07	2.19E-07	9.90E-07	1.82E-07	5.61E-08	2.39E-07	1.42E-07	2.70E-08	1.69E-07
7873	625103.05	4265818.49	9.23E-07	2.93E-07	1.22E-06	7.71E-07	2.19E-07	9.91E-07	1.83E-07	5.61E-08	2.39E-07	1.42E-07	2.70E-08	1.69E-07
7874	625103.21	4265808.56	9.23E-07	2.93E-07	1.22E-06	7.72E-07	2.19E-07	9.91E-07	1.83E-07	5.62E-08	2.39E-07	1.42E-07	2.71E-08	1.69E-07
7875	625103.37	4265798.63	9.23E-07	2.93E-07	1.22E-06	7.72E-07	2.20E-07	9.91E-07	1.83E-07	5.62E-08	2.39E-07	1.42E-07	2.71E-08	1.70E-07
7876	625103.54	4265788.69	9.23E-07	2.93E-07	1.22E-06	7.72E-07	2.19E-07	9.91E-07	1.83E-07	5.62E-08	2.39E-07	1.42E-07	2.71E-08	1.69E-07
7877	625103.7	4265778.76	9.23E-07	2.93E-07	1.22E-06	7.71E-07	2.19E-07	9.91E-07	1.83E-07	5.62E-08	2.39E-07	1.42E-07	2.70E-08	1.69E-07
7878	625103.86	4265768.83	9.23E-07	2.93E-07	1.22E-06	7.71E-07	2.19E-07	9.91E-07	1.83E-07	5.61E-08	2.39E-07	1.42E-07	2.70E-08	1.69E-07
7879	625104.03	4265758.89	9.23E-07	2.93E-07	1.22E-06	7.71E-07	2.19E-07	9.90E-07	1.83E-07	5.61E-08	2.39E-07	1.42E-07	2.70E-08	1.69E-07
7880	625104.19	4265748.96	9.23E-07	2.93E-07	1.22E-06	7.71E-07	2.19E-07	9.91E-07	1.83E-07	5.61E-08	2.39E-07	1.42E-07	2.70E-08	1.69E-07
7881	625104.35	4265739.03	9.23E-07	2.93E-07	1.22E-06	7.72E-07	2.20E-07	9.91E-07	1.83E-07	5.62E-08	2.39E-07	1.42E-07	2.71E-08	1.70E-07
7882	625104.52	4265729.09	9.24E-07	2.93E-07	1.22E-06	7.72E-07	2.20E-07	9.92E-07	1.83E-07	5.62E-08	2.39E-07	1.43E-07	2.71E-08	1.70E-07
7883	625104.68	4265719.16	9.25E-07	2.94E-07	1.22E-06	7.73E-07	2.20E-07	9.93E-07	1.83E-07	5.63E-08	2.39E-07	1.43E-07	2.71E-08	1.70E-07
7884	625104.85	4265709.23	9.26E-07	2.94E-07	1.22E-06	7.74E-07	2.20E-07	9.94E-07	1.83E-07	5.63E-08	2.40E-07	1.43E-07	2.71E-08	1.70E-07
7885	625105.01	4265699.29	9.27E-07	2.94E-07	1.22E-06	7.75E-07	2.20E-07	9.95E-07	1.84E-07	5.64E-08	2.40E-07	1.43E-07	2.72E-08	1.70E-07
7886	625105.17	4265689.36	9.28E-07	2.95E-07	1.22E-06	7.76E-07	2.21E-07	9.96E-07	1.84E-07	5.65E-08	2.40E-07	1.43E-07	2.72E-08	1.70E-07
7887	625105.34	4265679.43	9.29E-07	2.95E-07	1.22E-06	7.76E-07	2.21E-07	9.97E-07	1.84E-07	5.65E-08	2.40E-07	1.43E-07	2.72E-08	1.71E-07
7888	625046.23	4266332.31	8.81E-07	2.80E-07	1.16E-06	7.36E-07	2.09E-07	9.45E-07	1.74E-07	5.36E-08	2.28E-07	1.36E-07	2.58E-08	1.62E-07
7889	625042.42	4266341.09	8.85E-07	2.81E-07	1.17E-06	7.40E-07	2.11E-07	9.51E-07	1.75E-07	5.39E-08	2.29E-07	1.37E-07	2.59E-08	1.63E-07
7890	625029.7	4266353.38	9.16E-07	2.91E-07	1.21E-06	7.66E-07	2.18E-07	9.84E-07	1.81E-07	5.57E-08	2.37E-07	1.41E-07	2.69E-08	1.68E-07
7891	625020.79	4266356.89	9.43E-07	3.00E-07	1.24E-06	7.88E-07	2.24E-07	1.01E-06	1.87E-07	5.74E-08	2.44E-07	1.46E-07	2.76E-08	1.73E-07
7892	625011.88	4266360.4	9.70E-07	3.08E-07	1.28E-06	8.11E-07	2.31E-07	1.04E-06	1.92E-07	5.90E-08	2.51E-07	1.50E-07	2.84E-08	1.78E-07
7893	625002.97	4266363.91	9.98E-07	3.17E-07	1.31E-06	8.34E-07	2.37E-07	1.07E-06	1.97E-07	6.07E-08	2.58E-07	1.54E-07	2.92E-08	1.83E-07
7894	624994.06	4266367.42	1.02E-06	3.25E-07	1.35E-06	8.57E-07	2.44E-07	1.10E-06	2.03E-07	6.24E-08	2.65E-07	1.58E-07	3.00E-08	1.88E-07
7895	624985.15	4266370.93	1.05E-06	3.34E-07	1.39E-06	8.79E-07	2.50E-07	1.13E-06	2.08E-07	6.40E-08	2.72E-07	1.62E-07	3.08E-08	1.93E-07
7896	624976.25	4266374.43	1.08E-06	3.43E-07	1.42E-06	9.02E-07	2.56E-07	1.16E-06	2.13E-07	6.56E-08	2.79E-07	1.66E-07	3.16E-08	1.98E-07
7897	624967.34	4266377.94	1.10E-06	3.51E-07	1.46E-06	9.23E-07	2.63E-07	1.19E-06	2.19E-07	6.72E-08	2.86E-07	1.70E-07	3.24E-08	2.03E-07
7898	624958.43	4266381.45	1.13E-06	3.59E-07	1.49E-06	9.45E-07	2.69E-07	1.21E-06	2.24E-07	6.88E-08	2.92E-07	1.74E-07	3.31E-08	2.08E-07
7899	624949.52	4266384.96	1.15E-06	3.67E-07	1.52E-06	9.65E-07	2.75E-07	1.24E-06	2.29E-07	7.03E-08	2.99E-07	1.78E-07	3.38E-08	2.12E-07
7900	624940.61	4266388.47	1.18E-06	3.74E-07	1.55E-06	9.85E-07	2.80E-07	1.27E-06	2.33E-07	7.17E-08	3.05E-07	1.82E-07	3.45E-08	2.16E-07
7901	624931.7	4266391.98	1.20E-06	3.81E-07	1.58E-06	1.00E-06	2.86E-07	1.29E-06	2.38E-07	7.31E-08	3.11E-07	1.85E-07	3.52E-08	2.21E-07
7902	624922.79	4266395.49	1.22E-06	3.88E-07	1.61E-06	1.02E-06	2.91E-07	1.31E-06	2.42E-07	7.44E-08	3.16E-07	1.89E-07	3.58E-08	2.24E-07
7903	624913.88	4266399	1.24E-06	3.94E-07	1.64E-06	1.04E-06	2.95E-07	1.33E-06	2.46E-07	7.56E-08	3.21E-07	1.92E-07	3.64E-08	2.28E-07
7904	624904.97	4266402.5	1.26E-06	4.00E-07	1.66E-06	1.05E-06	3.00E-07	1.35E-06	2.49E-07	7.67E-08	3.26E-07	1.94E-07	3.69E-08	2.31E-07
7905	624896.06	4266406.01	1.28E-06	4.05E-07	1.68E-06	1.07E-06	3.03E-07	1.37E-06	2.53E-07	7.77E-08	3.30E-07	1.97E-07	3.74E-08	2.34E-07
7906	624887.16	4266409.52	1.29E-06	4.10E-07	1.70E-06	1.08E-06	3.07E-07	1.39E-06	2.55E-07	7.85E-08	3.34E-07	1.99E-07	3.78E-08	2.37E-07
7907	624878.25	4266413.03	1.30E-06	4.14E-07	1.72E-06	1.09E-06	3.10E-07	1.40E-06	2.58E-07	7.93E-08	3.37E-07	2.01E-07	3.82E-08	2.39E-07
7908	624869.34	4266416.54	1.31E-06	4.17E-07	1.73E-06	1.10E-06	3.12E-07	1.41E-06	2.60E-07	7.99E-08	3.40E-07	2.03E-07	3.85E-08	2.41E-07
7909	624860.43	4266420.05	1.32E-06	4.20E-07	1.74E-06	1.11E-06	3.14E-07	1.42E-06	2.62E-07	8.05E-08	3.42E-07	2.04E-07	3.88E-08	2.43E-07
7910	624851.52	4266423.56	1.33E-06	4.22E-07	1.75E-06	1.11E-06	3.16E-07	1.43E-06	2.63E-07	8.09E-08	3.44E-07	2.05E-07	3.90E-08	2.44E-07
7911	625122.65	4266146.7	7.38E-07	2.34E-07	9.72E-07	6.17E-07	1.75E-07	7.92E-07	1.46E-07	4.49E-08	1.91E-07	1.14E-07	2.16E-08	1.35E-07
7912	625122.81	4266136.77	7.39E-07	2.35E-07	9.73E-07	6.17E-07	1.76E-07	7.93E-07	1.46E-07	4.49E-08	1.91E-07	1.14E-07	2.16E-08	1.36E-07
7913	625122.97	4266126.84	7.40E-07	2.35E-07	9.74E-07	6.18E-07	1.76E-07	7.94E-07	1.46E-07	4.50E-08	1.91E-07	1.14E-07	2.17E-08	1.36E-07
7914	625123.14	4266116.9	7.41E-07	2.35E-07	9.76E-07	6.19E-07	1.76E-07	7.95E-07	1.47E-07	4.51E-08	1.92E-07	1.14E-07	2.17E-08	1.36E-07

7915	625123.3	4266106.97	7.42E-07	2.36E-07	9.77E-07	6.20E-07	1.76E-07	7.96E-07	1.47E-07	4.51E-08	1.92E-07	1.14E-07	2.17E-08	1.36E-07
7916	625123.46	4266097.04	7.43E-07	2.36E-07	9.79E-07	6.21E-07	1.77E-07	7.98E-07	1.47E-07	4.52E-08	1.92E-07	1.15E-07	2.18E-08	1.36E-07
7917	625123.63	4266087.1	7.45E-07	2.37E-07	9.82E-07	6.23E-07	1.77E-07	8.00E-07	1.47E-07	4.53E-08	1.93E-07	1.15E-07	2.18E-08	1.37E-07
7918	625123.79	4266077.17	7.47E-07	2.37E-07	9.84E-07	6.24E-07	1.78E-07	8.02E-07	1.48E-07	4.55E-08	1.93E-07	1.15E-07	2.19E-08	1.37E-07
7919	625123.95	4266067.24	7.49E-07	2.38E-07	9.87E-07	6.26E-07	1.78E-07	8.05E-07	1.48E-07	4.56E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
7920	625124.12	4266057.3	7.52E-07	2.39E-07	9.91E-07	6.29E-07	1.79E-07	8.08E-07	1.49E-07	4.58E-08	1.95E-07	1.16E-07	2.20E-08	1.38E-07
7921	625124.28	4266047.37	7.55E-07	2.40E-07	9.95E-07	6.31E-07	1.80E-07	8.11E-07	1.49E-07	4.60E-08	1.95E-07	1.17E-07	2.21E-08	1.39E-07
7922	625124.45	4266037.44	7.58E-07	2.41E-07	9.99E-07	6.34E-07	1.80E-07	8.14E-07	1.50E-07	4.61E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
7923	625124.61	4266027.5	7.62E-07	2.42E-07	1.00E-06	6.37E-07	1.81E-07	8.18E-07	1.51E-07	4.64E-08	1.97E-07	1.18E-07	2.23E-08	1.40E-07
7924	625124.77	4266017.57	7.66E-07	2.43E-07	1.01E-06	6.40E-07	1.82E-07	8.22E-07	1.52E-07	4.66E-08	1.98E-07	1.18E-07	2.24E-08	1.41E-07
7925	625124.94	4266007.64	7.70E-07	2.44E-07	1.01E-06	6.43E-07	1.83E-07	8.26E-07	1.52E-07	4.68E-08	1.99E-07	1.19E-07	2.26E-08	1.41E-07
7926	625125.1	4265997.7	7.74E-07	2.46E-07	1.02E-06	6.47E-07	1.84E-07	8.31E-07	1.53E-07	4.71E-08	2.00E-07	1.19E-07	2.27E-08	1.42E-07
7927	625125.26	4265987.77	7.79E-07	2.47E-07	1.03E-06	6.51E-07	1.85E-07	8.36E-07	1.54E-07	4.74E-08	2.02E-07	1.20E-07	2.28E-08	1.43E-07
7928	625125.43	4265977.84	7.83E-07	2.49E-07	1.03E-06	6.54E-07	1.86E-07	8.40E-07	1.55E-07	4.76E-08	2.03E-07	1.21E-07	2.29E-08	1.44E-07
7929	625125.59	4265967.9	7.87E-07	2.50E-07	1.04E-06	6.58E-07	1.87E-07	8.45E-07	1.56E-07	4.79E-08	2.04E-07	1.21E-07	2.31E-08	1.44E-07
7930	625125.75	4265957.97	7.91E-07	2.51E-07	1.04E-06	6.61E-07	1.88E-07	8.49E-07	1.57E-07	4.81E-08	2.05E-07	1.22E-07	2.32E-08	1.45E-07
7931	625125.92	4265948.04	7.95E-07	2.52E-07	1.05E-06	6.65E-07	1.89E-07	8.54E-07	1.57E-07	4.84E-08	2.06E-07	1.23E-07	2.33E-08	1.46E-07
7932	625126.08	4265938.1	7.99E-07	2.54E-07	1.05E-06	6.68E-07	1.90E-07	8.58E-07	1.58E-07	4.86E-08	2.07E-07	1.23E-07	2.34E-08	1.47E-07
7933	625126.24	4265928.17	8.03E-07	2.55E-07	1.06E-06	6.71E-07	1.91E-07	8.62E-07	1.59E-07	4.89E-08	2.08E-07	1.24E-07	2.35E-08	1.47E-07
7934	625126.41	4265918.24	8.07E-07	2.56E-07	1.06E-06	6.74E-07	1.92E-07	8.66E-07	1.60E-07	4.91E-08	2.09E-07	1.24E-07	2.36E-08	1.48E-07
7935	625126.57	4265908.3	8.10E-07	2.57E-07	1.07E-06	6.77E-07	1.93E-07	8.70E-07	1.60E-07	4.93E-08	2.10E-07	1.25E-07	2.37E-08	1.49E-07
7936	625126.73	4265898.37	8.14E-07	2.58E-07	1.07E-06	6.80E-07	1.93E-07	8.74E-07	1.61E-07	4.95E-08	2.11E-07	1.26E-07	2.38E-08	1.49E-07
7937	625126.9	4265888.44	8.17E-07	2.59E-07	1.08E-06	6.83E-07	1.94E-07	8.77E-07	1.62E-07	4.97E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
7938	625127.06	4265878.5	8.20E-07	2.61E-07	1.08E-06	6.86E-07	1.95E-07	8.81E-07	1.62E-07	4.99E-08	2.12E-07	1.27E-07	2.40E-08	1.51E-07
7939	625127.23	4265868.57	8.23E-07	2.61E-07	1.08E-06	6.88E-07	1.96E-07	8.84E-07	1.63E-07	5.01E-08	2.13E-07	1.27E-07	2.41E-08	1.51E-07
7940	625127.39	4265858.64	8.26E-07	2.62E-07	1.09E-06	6.90E-07	1.96E-07	8.87E-07	1.63E-07	5.02E-08	2.14E-07	1.27E-07	2.42E-08	1.52E-07
7941	625127.55	4265848.7	8.28E-07	2.63E-07	1.09E-06	6.92E-07	1.97E-07	8.89E-07	1.64E-07	5.04E-08	2.14E-07	1.28E-07	2.43E-08	1.52E-07
7942	625127.72	4265838.77	8.29E-07	2.63E-07	1.09E-06	6.93E-07	1.97E-07	8.90E-07	1.64E-07	5.05E-08	2.15E-07	1.28E-07	2.43E-08	1.52E-07
7943	625127.88	4265828.84	8.30E-07	2.64E-07	1.09E-06	6.94E-07	1.97E-07	8.91E-07	1.64E-07	5.05E-08	2.15E-07	1.28E-07	2.43E-08	1.52E-07
7944	625128.04	4265818.9	8.31E-07	2.64E-07	1.09E-06	6.95E-07	1.98E-07	8.92E-07	1.64E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
7945	625128.21	4265808.97	8.32E-07	2.64E-07	1.10E-06	6.95E-07	1.98E-07	8.93E-07	1.65E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
7946	625128.37	4265799.04	8.32E-07	2.64E-07	1.10E-06	6.95E-07	1.98E-07	8.93E-07	1.65E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
7947	625128.53	4265789.1	8.32E-07	2.64E-07	1.10E-06	6.95E-07	1.98E-07	8.93E-07	1.65E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
7948	625128.7	4265779.17	8.32E-07	2.64E-07	1.10E-06	6.95E-07	1.98E-07	8.93E-07	1.65E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
7949	625128.86	4265769.24	8.32E-07	2.64E-07	1.10E-06	6.95E-07	1.98E-07	8.93E-07	1.65E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
7950	625129.02	4265759.3	8.32E-07	2.64E-07	1.10E-06	6.96E-07	1.98E-07	8.94E-07	1.65E-07	5.06E-08	2.15E-07	1.28E-07	2.44E-08	1.53E-07
7951	625129.19	4265749.37	8.33E-07	2.65E-07	1.10E-06	6.96E-07	1.98E-07	8.94E-07	1.65E-07	5.07E-08	2.16E-07	1.29E-07	2.44E-08	1.53E-07
7952	625129.35	4265739.44	8.34E-07	2.65E-07	1.10E-06	6.97E-07	1.98E-07	8.95E-07	1.65E-07	5.07E-08	2.16E-07	1.29E-07	2.44E-08	1.53E-07
7953	625129.52	4265729.5	8.35E-07	2.65E-07	1.10E-06	6.98E-07	1.99E-07	8.96E-07	1.65E-07	5.08E-08	2.16E-07	1.29E-07	2.45E-08	1.53E-07
7954	625129.68	4265719.57	8.36E-07	2.66E-07	1.10E-06	6.99E-07	1.99E-07	8.98E-07	1.66E-07	5.09E-08	2.16E-07	1.29E-07	2.45E-08	1.54E-07
7955	625129.84	4265709.64	8.38E-07	2.66E-07	1.10E-06	7.00E-07	1.99E-07	8.99E-07	1.66E-07	5.10E-08	2.17E-07	1.29E-07	2.46E-08	1.54E-07
7956	625130.01	4265699.7	8.39E-07	2.67E-07	1.11E-06	7.02E-07	2.00E-07	9.01E-07	1.66E-07	5.11E-08	2.17E-07	1.30E-07	2.46E-08	1.54E-07
7957	625130.17	4265689.77	8.41E-07	2.67E-07	1.11E-06	7.03E-07	2.00E-07	9.03E-07	1.66E-07	5.12E-08	2.18E-07	1.30E-07	2.46E-08	1.54E-07
7958	625130.33	4265679.84	8.42E-07	2.67E-07	1.11E-06	7.04E-07	2.00E-07	9.04E-07	1.67E-07	5.12E-08	2.18E-07	1.30E-07	2.47E-08	1.55E-07
7959	625047.07	4266371.36	8.41E-07	2.67E-07	1.11E-06	7.03E-07	2.00E-07	9.03E-07	1.67E-07	5.12E-08	2.18E-07	1.30E-07	2.47E-08	1.54E-07
7960	625038.16	4266374.87	8.65E-07	2.75E-07	1.14E-06	7.23E-07	2.06E-07	9.29E-07	1.71E-07	5.26E-08	2.24E-07	1.33E-07	2.54E-08	1.59E-07
7961	625029.25	4266378.38	8.89E-07	2.82E-07	1.17E-06	7.43E-07	2.11E-07	9.54E-07	1.76E-07	5.41E-08	2.30E-07	1.37E-07	2.61E-08	1.63E-07
7962	625020.34	4266381.89	9.13E-07	2.90E-07	1.20E-06	7.63E-07	2.17E-07	9.80E-07	1.81E-07	5.56E-08	2.36E-07	1.41E-07	2.68E-08	1.68E-07
7963	625011.44	4266385.39	9.37E-07	2.98E-07	1.23E-06	7.83E-07	2.23E-07	1.01E-06	1.85E-07	5.70E-08	2.42E-07	1.45E-07	2.75E-08	1.72E-07
7964	625002.53	4266388.9	9.61E-07	3.05E-07	1.27E-06	8.03E-07	2.28E-07	1.03E-06	1.90E-07	5.85E-08	2.49E-07	1.48E-07	2.82E-08	1.76E-07
7965	624993.62	4266392.41	9.84E-07	3.13E-07	1.30E-06	8.23E-07	2.34E-07	1.06E-06	1.95E-07	5.99E-08	2.55E-07	1.52E-07	2.88E-08	1.81E-07
7966	624984.71	4266395.92	1.01E-06	3.20E-07	1.33E-06	8.42E-07	2.39E-07	1.08E-06	1.99E-07	6.13E-08	2.61E-07	1.55E-07	2.95E-08	1.85E-07
7967	624975.8	4266399.43	1.03E-06	3.27E-07	1.36E-06	8.61E-07	2.45E-07	1.11E-06	2.04E-07	6.27E-08	2.66E-07	1.59E-07	3.02E-08	1.89E-07
7968	624966.89	4266402.94	1.05E-06	3.34E-07	1.39E-06	8.79E-07	2.50E-07	1.13E-06	2.08E-07	6.40E-08	2.72E-07	1.62E-07	3.08E-08	1.93E-07
7969	624957.98	4266406.45	1.07E-06	3.41E-07	1.41E-06	8.97E-07	2.55E-07	1.15E-06	2.12E-07	6.53E-08	2.78E-07	1.66E-07	3.14E-08	1.97E-07
7970	624949.07	4266409.96	1.09E-06	3.47E-07	1.44E-06	9.14E-07	2.60E-07	1.17E-06	2.16E-07	6.65E-08	2.83E-07	1.69E-07	3.20E-08	2.01E-07
7971	624940.16	4266413.47	1.11E-06	3.53E-07	1.47E-06	9.30E-07	2.65E-07	1.19E-06	2.20E-07	6.77E-08	2.88E-07	1.72E-07	3.26E-08	2.04E-07
7972	624931.25	4266416.97	1.13E-06	3.59E-07	1.49E-06	9.45E-07	2.69E-07	1.21E-06	2.24E-07	6.88E-08	2.93E-07	1.75E-07	3.31E-08	2.08E-07
7973	624922.35	4266420.48	1.15E-06	3.65E-07	1.51E-06	9.60E-07	2.73E-07	1.23E-06	2.27E-07	6.99E-08	2.97E-07	1.77E-07	3.36E-08	2.11E-07
7974	624913.44	4266423.99	1.16E-06	3.70E-07	1.53E-06	9.73E-07	2.77E-07	1.25E-06	2.30E-07	7.08E-08	3.01E-07	1.80E-07	3.41E-08	2.14E-07
7975	624904.53	4266427.5	1.18E-06	3.74E-07	1.55E-06	9.84E-07	2.80E-07	1.26E-06	2.33E-07	7.17E-08	3.05E-07	1.82E-07	3.45E-08	2.16E-07
7976	624895.62	4266431.01	1.19E-06	3.78E-07	1.57E-06	9.95E-07	2.83E-07	1.28E-06	2.36E-07	7.24E-08	3.08E-07	1.84E-07	3.49E-08	2.19E-07
7977	624886.71	4266434.52	1.20E-06	3.81E-07	1.58E-06	1.00E-06	2.86E-07	1.29E-06	2.38E-07	7.31E-08	3.11E-07	1.85E-07	3.52E-08	2.21E-07
7978	624877.8	4266438.03	1.21E-06	3.84E-07	1.59E-06	1.01E-06	2.88E-07	1.30E-06	2.40E-07	7.36E-08	3.13E-07	1.87E-07	3.55E-08	2.22E-07
7979	624868.89	4266441.54	1.22E-06	3.87E-07	1.60E-06	1.02E-06	2.90E-07	1.31E-06	2.41E-07	7.41E-08	3.15E-07	1.88E-07	3.57E-08	2.24E-07
7980	624859.98	4266445.04	1.22E-06	3.89E-07	1.61E-06	1.02E-06	2.91E-07	1.31E-06	2.42E-07	7.45E-08	3.17E-07	1.89E-07	3.59E-08	2.25E-07
7981	624851.07	4266448.55	1.23E-06	3.90E-07	1.62E-06	1.03E-06	2.92E-07	1.32E-06	2.43E-07	7.48E-08	3.18E-07	1.90E-07	3.60E-08	2.26E-07
7982	625147.64	4266147.12	6.72E-07	2.13E-07	8.85E-07	5.61E-07	1.60E-07	7.21E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
7983	625147.81	4266137.18	6.72E-07	2.13E-07	8.86E-07	5.62E-07	1.60E-07	7.22E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
7984	625147.97	4266127.25	6.73E-07	2.14E-07	8.86E-07	5.62E-07	1.60E-07	7.22E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
7985	625148.13	4266117.32	6.73E-07	2.14E-07	8.87E-07	5.63E-07	1.60E-07	7.23E-07	1.33E-07	4.10E-08	1.74E-07	1.04E-07	1.97E-08	1.24E-07
7986	625148.3	4266107.38	6.74E-07	2.14E-07	8.88E-07	5.63E-07	1.60E-07	7.23E-07	1.33E-07	4.10E-08	1.74E-07	1.04E-07	1.98E-08	1.24E-07
7987	625148.46	4266097.45	6.75E-07	2.14E-07	8.89E-07	5.64E-07	1.60E-07	7.25E-07	1.34E-07	4.11E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07
7988	625148.62	4266087.52	6.76E-07	2.15E-07	8.91E-07	5.65E-07	1.61E-07	7.26E-07	1.34E-07	4.12E-08	1.75E-07	1.04E-07	1.98E-08	1.24E-07

7989	625148.79	4266077.58	6.78E-07	2.15E-07	8.93E-07	5.67E-07	1.61E-07	7.28E-07	1.34E-07	4.13E-08	1.75E-07	1.05E-07	1.99E-08	1.25E-07
7990	625148.95	4266067.65	6.80E-07	2.16E-07	8.96E-07	5.69E-07	1.62E-07	7.30E-07	1.35E-07	4.14E-08	1.76E-07	1.05E-07	1.99E-08	1.25E-07
7991	625149.11	4266057.72	6.83E-07	2.17E-07	9.00E-07	5.71E-07	1.62E-07	7.33E-07	1.35E-07	4.16E-08	1.77E-07	1.05E-07	2.00E-08	1.25E-07
7992	625149.28	4266047.78	6.86E-07	2.18E-07	9.03E-07	5.73E-07	1.63E-07	7.36E-07	1.36E-07	4.17E-08	1.77E-07	1.06E-07	2.01E-08	1.26E-07
7993	625149.44	4266037.85	6.89E-07	2.19E-07	9.07E-07	5.76E-07	1.64E-07	7.39E-07	1.36E-07	4.19E-08	1.78E-07	1.06E-07	2.02E-08	1.26E-07
7994	625149.61	4266027.92	6.92E-07	2.20E-07	9.11E-07	5.78E-07	1.64E-07	7.43E-07	1.37E-07	4.21E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
7995	625149.77	4266017.98	6.95E-07	2.21E-07	9.16E-07	5.81E-07	1.65E-07	7.46E-07	1.38E-07	4.23E-08	1.80E-07	1.07E-07	2.04E-08	1.28E-07
7996	625149.93	4266008.05	6.98E-07	2.22E-07	9.20E-07	5.84E-07	1.66E-07	7.50E-07	1.38E-07	4.25E-08	1.81E-07	1.08E-07	2.05E-08	1.28E-07
7997	625150.1	4265998.12	7.02E-07	2.23E-07	9.25E-07	5.87E-07	1.67E-07	7.54E-07	1.39E-07	4.27E-08	1.82E-07	1.08E-07	2.06E-08	1.29E-07
7998	625150.26	4265988.18	7.06E-07	2.24E-07	9.30E-07	5.90E-07	1.68E-07	7.58E-07	1.40E-07	4.30E-08	1.83E-07	1.09E-07	2.07E-08	1.30E-07
7999	625150.42	4265978.25	7.10E-07	2.25E-07	9.35E-07	5.93E-07	1.69E-07	7.62E-07	1.41E-07	4.32E-08	1.84E-07	1.10E-07	2.08E-08	1.30E-07
8000	625150.59	4265968.32	7.14E-07	2.27E-07	9.40E-07	5.96E-07	1.70E-07	7.66E-07	1.41E-07	4.34E-08	1.85E-07	1.10E-07	2.09E-08	1.31E-07
8001	625150.75	4265958.38	7.17E-07	2.28E-07	9.45E-07	6.00E-07	1.71E-07	7.70E-07	1.42E-07	4.36E-08	1.86E-07	1.11E-07	2.10E-08	1.32E-07
8002	625150.91	4265948.45	7.21E-07	2.29E-07	9.50E-07	6.03E-07	1.71E-07	7.74E-07	1.43E-07	4.39E-08	1.87E-07	1.11E-07	2.11E-08	1.32E-07
8003	625151.08	4265938.52	7.25E-07	2.30E-07	9.55E-07	6.06E-07	1.72E-07	7.78E-07	1.43E-07	4.41E-08	1.88E-07	1.12E-07	2.12E-08	1.33E-07
8004	625151.24	4265928.58	7.28E-07	2.31E-07	9.59E-07	6.09E-07	1.73E-07	7.82E-07	1.44E-07	4.43E-08	1.88E-07	1.12E-07	2.13E-08	1.34E-07
8005	625151.4	4265918.65	7.32E-07	2.32E-07	9.64E-07	6.12E-07	1.74E-07	7.86E-07	1.45E-07	4.45E-08	1.89E-07	1.13E-07	2.14E-08	1.34E-07
8006	625151.57	4265908.72	7.35E-07	2.33E-07	9.69E-07	6.14E-07	1.75E-07	7.89E-07	1.46E-07	4.47E-08	1.90E-07	1.13E-07	2.15E-08	1.35E-07
8007	625151.73	4265898.78	7.38E-07	2.35E-07	9.73E-07	6.17E-07	1.76E-07	7.93E-07	1.46E-07	4.49E-08	1.91E-07	1.14E-07	2.16E-08	1.36E-07
8008	625151.89	4265888.85	7.41E-07	2.35E-07	9.77E-07	6.20E-07	1.76E-07	7.96E-07	1.47E-07	4.51E-08	1.92E-07	1.14E-07	2.17E-08	1.36E-07
8009	625152.06	4265878.92	7.44E-07	2.36E-07	9.80E-07	6.22E-07	1.77E-07	7.99E-07	1.47E-07	4.53E-08	1.93E-07	1.15E-07	2.18E-08	1.37E-07
8010	625152.22	4265868.98	7.47E-07	2.37E-07	9.84E-07	6.24E-07	1.78E-07	8.02E-07	1.48E-07	4.54E-08	1.93E-07	1.15E-07	2.19E-08	1.37E-07
8011	625152.39	4265859.05	7.49E-07	2.38E-07	9.86E-07	6.26E-07	1.78E-07	8.04E-07	1.48E-07	4.56E-08	1.94E-07	1.16E-07	2.19E-08	1.37E-07
8012	625152.55	4265849.12	7.50E-07	2.38E-07	9.88E-07	6.27E-07	1.78E-07	8.05E-07	1.48E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
8013	625152.71	4265839.18	7.52E-07	2.39E-07	9.90E-07	6.28E-07	1.79E-07	8.07E-07	1.49E-07	4.57E-08	1.94E-07	1.16E-07	2.20E-08	1.38E-07
8014	625152.88	4265829.25	7.53E-07	2.39E-07	9.92E-07	6.29E-07	1.79E-07	8.08E-07	1.49E-07	4.58E-08	1.95E-07	1.16E-07	2.21E-08	1.38E-07
8015	625153.04	4265819.32	7.53E-07	2.39E-07	9.92E-07	6.30E-07	1.79E-07	8.09E-07	1.49E-07	4.58E-08	1.95E-07	1.16E-07	2.21E-08	1.38E-07
8016	625153.2	4265809.38	7.54E-07	2.39E-07	9.93E-07	6.30E-07	1.79E-07	8.09E-07	1.49E-07	4.59E-08	1.95E-07	1.16E-07	2.21E-08	1.38E-07
8017	625153.37	4265799.45	7.54E-07	2.39E-07	9.94E-07	6.30E-07	1.79E-07	8.10E-07	1.49E-07	4.59E-08	1.95E-07	1.16E-07	2.21E-08	1.38E-07
8018	625153.53	4265789.52	7.54E-07	2.40E-07	9.94E-07	6.30E-07	1.79E-07	8.10E-07	1.49E-07	4.59E-08	1.95E-07	1.16E-07	2.21E-08	1.39E-07
8019	625153.69	4265779.58	7.55E-07	2.40E-07	9.94E-07	6.31E-07	1.79E-07	8.10E-07	1.49E-07	4.59E-08	1.95E-07	1.16E-07	2.21E-08	1.39E-07
8020	625153.86	4265769.65	7.55E-07	2.40E-07	9.95E-07	6.31E-07	1.80E-07	8.11E-07	1.49E-07	4.59E-08	1.95E-07	1.16E-07	2.21E-08	1.39E-07
8021	625154.02	4265759.72	7.56E-07	2.40E-07	9.96E-07	6.32E-07	1.80E-07	8.11E-07	1.50E-07	4.60E-08	1.96E-07	1.17E-07	2.21E-08	1.39E-07
8022	625154.18	4265749.78	7.56E-07	2.40E-07	9.97E-07	6.32E-07	1.80E-07	8.12E-07	1.50E-07	4.60E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
8023	625154.35	4265739.85	7.58E-07	2.41E-07	9.98E-07	6.33E-07	1.80E-07	8.13E-07	1.50E-07	4.61E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
8024	625154.51	4265729.92	7.59E-07	2.41E-07	1.00E-06	6.34E-07	1.80E-07	8.15E-07	1.50E-07	4.62E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
8025	625154.68	4265719.98	7.61E-07	2.42E-07	1.00E-06	6.36E-07	1.81E-07	8.17E-07	1.51E-07	4.63E-08	1.97E-07	1.17E-07	2.23E-08	1.40E-07
8026	625154.84	4265710.05	7.63E-07	2.42E-07	1.00E-06	6.37E-07	1.81E-07	8.19E-07	1.51E-07	4.64E-08	1.97E-07	1.18E-07	2.24E-08	1.40E-07
8027	625155	4265700.12	7.65E-07	2.43E-07	1.01E-06	6.39E-07	1.82E-07	8.21E-07	1.51E-07	4.65E-08	1.98E-07	1.18E-07	2.24E-08	1.40E-07
8028	625155.17	4265690.18	7.67E-07	2.43E-07	1.01E-06	6.41E-07	1.82E-07	8.23E-07	1.52E-07	4.66E-08	1.98E-07	1.18E-07	2.25E-08	1.41E-07
8029	625155.33	4265680.25	7.68E-07	2.44E-07	1.01E-06	6.42E-07	1.83E-07	8.25E-07	1.52E-07	4.67E-08	1.99E-07	1.19E-07	2.25E-08	1.41E-07
8030	625185.61	4266185.2	5.86E-07	1.86E-07	7.72E-07	4.90E-07	1.39E-07	6.29E-07	1.16E-07	3.56E-08	1.52E-07	9.04E-08	1.72E-08	1.08E-07
8031	625181.66	4266194.31	5.92E-07	1.88E-07	7.80E-07	4.95E-07	1.41E-07	6.36E-07	1.17E-07	3.60E-08	1.53E-07	9.14E-08	1.74E-08	1.09E-07
8032	625177.7	4266203.42	5.98E-07	1.90E-07	7.88E-07	5.00E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.23E-08	1.75E-08	1.10E-07
8033	625173.75	4266212.52	6.04E-07	1.92E-07	7.96E-07	5.05E-07	1.44E-07	6.48E-07	1.20E-07	3.68E-08	1.56E-07	9.32E-08	1.77E-08	1.11E-07
8034	625169.8	4266221.63	6.09E-07	1.94E-07	8.03E-07	5.09E-07	1.45E-07	6.54E-07	1.21E-07	3.71E-08	1.58E-07	9.40E-08	1.79E-08	1.12E-07
8035	625165.84	4266230.74	6.15E-07	1.95E-07	8.10E-07	5.14E-07	1.46E-07	6.60E-07	1.22E-07	3.74E-08	1.59E-07	9.48E-08	1.80E-08	1.13E-07
8036	625161.89	4266239.85	6.19E-07	1.97E-07	8.16E-07	5.18E-07	1.47E-07	6.65E-07	1.23E-07	3.77E-08	1.60E-07	9.56E-08	1.82E-08	1.14E-07
8037	625157.94	4266248.96	6.24E-07	1.98E-07	8.22E-07	5.21E-07	1.48E-07	6.70E-07	1.23E-07	3.80E-08	1.61E-07	9.62E-08	1.83E-08	1.15E-07
8038	625153.98	4266258.07	6.28E-07	1.99E-07	8.27E-07	5.25E-07	1.49E-07	6.74E-07	1.24E-07	3.82E-08	1.63E-07	9.69E-08	1.84E-08	1.15E-07
8039	625150.03	4266267.18	6.32E-07	2.01E-07	8.33E-07	5.28E-07	1.50E-07	6.79E-07	1.25E-07	3.85E-08	1.64E-07	9.75E-08	1.85E-08	1.16E-07
8040	625146.08	4266276.29	6.36E-07	2.02E-07	8.38E-07	5.32E-07	1.51E-07	6.83E-07	1.26E-07	3.87E-08	1.65E-07	9.82E-08	1.86E-08	1.17E-07
8041	625142.12	4266285.39	6.41E-07	2.03E-07	8.44E-07	5.36E-07	1.52E-07	6.88E-07	1.27E-07	3.90E-08	1.66E-07	9.89E-08	1.88E-08	1.18E-07
8042	625106.54	4266367.37	6.85E-07	2.17E-07	9.02E-07	5.72E-07	1.63E-07	7.35E-07	1.35E-07	4.17E-08	1.77E-07	1.06E-07	2.01E-08	1.26E-07
8043	625102.59	4266376.48	6.89E-07	2.19E-07	9.08E-07	5.76E-07	1.64E-07	7.40E-07	1.36E-07	4.19E-08	1.78E-07	1.06E-07	2.02E-08	1.27E-07
8044	625098.63	4266385.59	6.93E-07	2.20E-07	9.13E-07	5.79E-07	1.65E-07	7.44E-07	1.37E-07	4.22E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
8045	625094.68	4266394.7	6.97E-07	2.21E-07	9.18E-07	5.83E-07	1.66E-07	7.48E-07	1.38E-07	4.24E-08	1.80E-07	1.08E-07	2.04E-08	1.28E-07
8046	625081.49	4266407.45	7.20E-07	2.29E-07	9.48E-07	6.01E-07	1.71E-07	7.73E-07	1.42E-07	4.38E-08	1.86E-07	1.11E-07	2.11E-08	1.32E-07
8047	625072.25	4266411.08	7.39E-07	2.35E-07	9.74E-07	6.18E-07	1.76E-07	7.93E-07	1.46E-07	4.50E-08	1.91E-07	1.14E-07	2.17E-08	1.36E-07
8048	625063.01	4266414.72	7.58E-07	2.41E-07	9.99E-07	6.34E-07	1.80E-07	8.14E-07	1.50E-07	4.62E-08	1.96E-07	1.17E-07	2.22E-08	1.39E-07
8049	625053.77	4266418.36	7.78E-07	2.47E-07	1.03E-06	6.50E-07	1.85E-07	8.35E-07	1.54E-07	4.73E-08	2.01E-07	1.20E-07	2.28E-08	1.43E-07
8050	625044.53	4266422	7.98E-07	2.53E-07	1.05E-06	6.67E-07	1.90E-07	8.56E-07	1.58E-07	4.85E-08	2.06E-07	1.23E-07	2.34E-08	1.46E-07
8051	625035.29	4266425.64	8.17E-07	2.59E-07	1.08E-06	6.83E-07	1.94E-07	8.77E-07	1.62E-07	4.97E-08	2.11E-07	1.26E-07	2.39E-08	1.50E-07
8052	625026.05	4266429.28	8.36E-07	2.66E-07	1.10E-06	6.99E-07	1.99E-07	8.98E-07	1.66E-07	5.09E-08	2.16E-07	1.29E-07	2.45E-08	1.54E-07
8053	625016.81	4266432.92	8.55E-07	2.72E-07	1.13E-06	7.15E-07	2.03E-07	9.18E-07	1.69E-07	5.20E-08	2.21E-07	1.32E-07	2.51E-08	1.57E-07
8054	625007.57	4266436.56	8.74E-07	2.77E-07	1.15E-06	7.30E-07	2.08E-07	9.38E-07	1.73E-07	5.32E-08	2.26E-07	1.35E-07	2.56E-08	1.60E-07
8055	624998.33	4266440.2	8.92E-07	2.83E-07	1.17E-06	7.45E-07	2.12E-07	9.57E-07	1.77E-07	5.43E-08	2.31E-07	1.38E-07	2.61E-08	1.64E-07
8056	624989.1	4266443.83	9.09E-07	2.89E-07	1.20E-06	7.60E-07	2.16E-07	9.76E-07	1.80E-07	5.53E-08	2.35E-07	1.40E-07	2.67E-08	1.67E-07
8057	624979.86	4266447.47	9.26E-07	2.94E-07	1.22E-06	7.74E-07	2.20E-07	9.95E-07	1.83E-07	5.64E-08	2.40E-07	1.43E-07	2.72E-08	1.70E-07
8058	624970.62	4266451.11	9.43E-07	2.99E-07	1.24E-06	7.88E-07	2.24E-07	1.01E-06	1.87E-07	5.74E-08	2.44E-07	1.45E-07	2.76E-08	1.73E-07
8059	624961.38	4266454.75	9.58E-07	3.04E-07	1.26E-06	8.01E-07	2.28E-07	1.03E-06	1.90E-07	5.83E-08	2.48E-07	1.48E-07	2.81E-08	1.76E-07
8060	624952.14	4266458.39	9.73E-07	3.09E-07	1.28E-06	8.13E-07	2.31E-07	1.04E-06	1.93E-07	5.92E-08	2.52E-07	1.50E-07	2.85E-08	1.79E-07
8061	624942.9	4266462.03	9.87E-07	3.13E-07	1.30E-06	8.25E-07	2.35E-07	1.06E-06	1.95E-07	6.00E-08	2.55E-07	1.52E-07	2.89E-08	1.81E-07
8062	624933.66	4266465.67	9.99E-07	3.17E-07	1.32E-06	8.35E-07	2.38E-07	1.07E-06	1.98E-07	6.08E-08	2.59E-07	1.54E-07	2.93E-08	1.84E-07

8063	624924.42	4266469.31	1.01E-06	3.21E-07	1.33E-06	8.45E-07	2.40E-07	1.09E-06	2.00E-07	6.15E-08	2.62E-07	1.56E-07	2.96E-08	1.86E-07
8064	624915.18	4266472.94	1.02E-06	3.24E-07	1.35E-06	8.53E-07	2.43E-07	1.10E-06	2.02E-07	6.21E-08	2.64E-07	1.58E-07	2.99E-08	1.87E-07
8065	624905.94	4266476.58	1.03E-06	3.27E-07	1.36E-06	8.61E-07	2.45E-07	1.11E-06	2.04E-07	6.27E-08	2.67E-07	1.59E-07	3.02E-08	1.89E-07
8066	624896.7	4266480.22	1.04E-06	3.30E-07	1.37E-06	8.67E-07	2.47E-07	1.11E-06	2.05E-07	6.32E-08	2.69E-07	1.60E-07	3.04E-08	1.91E-07
8067	624887.47	4266483.86	1.04E-06	3.32E-07	1.38E-06	8.73E-07	2.48E-07	1.12E-06	2.07E-07	6.35E-08	2.70E-07	1.61E-07	3.06E-08	1.92E-07
8068	624878.23	4266487.5	1.05E-06	3.33E-07	1.38E-06	8.77E-07	2.50E-07	1.13E-06	2.08E-07	6.38E-08	2.72E-07	1.62E-07	3.08E-08	1.93E-07
8069	624868.99	4266491.14	1.05E-06	3.34E-07	1.39E-06	8.80E-07	2.50E-07	1.13E-06	2.08E-07	6.41E-08	2.73E-07	1.63E-07	3.09E-08	1.93E-07
8070	624859.75	4266494.78	1.06E-06	3.35E-07	1.39E-06	8.83E-07	2.51E-07	1.13E-06	2.09E-07	6.43E-08	2.73E-07	1.63E-07	3.09E-08	1.94E-07
8071	624850.51	4266498.42	1.06E-06	3.36E-07	1.39E-06	8.84E-07	2.51E-07	1.14E-06	2.09E-07	6.44E-08	2.74E-07	1.63E-07	3.10E-08	1.94E-07
8072	625197.64	4266147.94	5.66E-07	1.80E-07	7.45E-07	4.73E-07	1.34E-07	6.07E-07	1.12E-07	3.44E-08	1.46E-07	8.73E-08	1.66E-08	1.04E-07
8073	625197.8	4266138	5.66E-07	1.80E-07	7.45E-07	4.73E-07	1.35E-07	6.07E-07	1.12E-07	3.44E-08	1.46E-07	8.73E-08	1.66E-08	1.04E-07
8074	625197.96	4266128.07	5.66E-07	1.80E-07	7.46E-07	4.73E-07	1.35E-07	6.08E-07	1.12E-07	3.44E-08	1.46E-07	8.73E-08	1.66E-08	1.04E-07
8075	625198.13	4266118.14	5.66E-07	1.80E-07	7.46E-07	4.73E-07	1.35E-07	6.08E-07	1.12E-07	3.45E-08	1.47E-07	8.74E-08	1.66E-08	1.04E-07
8076	625198.29	4266108.2	5.67E-07	1.80E-07	7.47E-07	4.74E-07	1.35E-07	6.09E-07	1.12E-07	3.45E-08	1.47E-07	8.75E-08	1.66E-08	1.04E-07
8077	625198.45	4266098.27	5.68E-07	1.80E-07	7.48E-07	4.75E-07	1.35E-07	6.10E-07	1.12E-07	3.45E-08	1.47E-07	8.76E-08	1.66E-08	1.04E-07
8078	625198.62	4266088.34	5.69E-07	1.81E-07	7.50E-07	4.76E-07	1.35E-07	6.11E-07	1.13E-07	3.46E-08	1.47E-07	8.78E-08	1.67E-08	1.04E-07
8079	625198.78	4266078.4	5.71E-07	1.81E-07	7.52E-07	4.77E-07	1.36E-07	6.13E-07	1.13E-07	3.47E-08	1.48E-07	8.81E-08	1.67E-08	1.05E-07
8080	625198.94	4266068.47	5.72E-07	1.82E-07	7.54E-07	4.78E-07	1.36E-07	6.15E-07	1.13E-07	3.48E-08	1.48E-07	8.83E-08	1.68E-08	1.05E-07
8081	625199.11	4266058.54	5.74E-07	1.82E-07	7.57E-07	4.80E-07	1.37E-07	6.16E-07	1.14E-07	3.49E-08	1.49E-07	8.86E-08	1.68E-08	1.05E-07
8082	625199.27	4266048.6	5.76E-07	1.83E-07	7.59E-07	4.82E-07	1.37E-07	6.19E-07	1.14E-07	3.51E-08	1.49E-07	8.89E-08	1.69E-08	1.06E-07
8083	625199.44	4266038.67	5.79E-07	1.84E-07	7.62E-07	4.84E-07	1.38E-07	6.21E-07	1.15E-07	3.52E-08	1.50E-07	8.93E-08	1.70E-08	1.06E-07
8084	625199.6	4266028.74	5.81E-07	1.85E-07	7.65E-07	4.86E-07	1.38E-07	6.24E-07	1.15E-07	3.54E-08	1.50E-07	8.96E-08	1.70E-08	1.07E-07
8085	625199.76	4266018.8	5.84E-07	1.85E-07	7.69E-07	4.88E-07	1.39E-07	6.27E-07	1.16E-07	3.55E-08	1.51E-07	9.01E-08	1.71E-08	1.07E-07
8086	625199.93	4266008.87	5.86E-07	1.86E-07	7.73E-07	4.90E-07	1.39E-07	6.30E-07	1.16E-07	3.57E-08	1.52E-07	9.05E-08	1.72E-08	1.08E-07
8087	625200.09	4265998.94	5.89E-07	1.87E-07	7.77E-07	4.93E-07	1.40E-07	6.33E-07	1.17E-07	3.59E-08	1.53E-07	9.09E-08	1.73E-08	1.08E-07
8088	625200.25	4265989	5.92E-07	1.88E-07	7.80E-07	4.95E-07	1.41E-07	6.36E-07	1.17E-07	3.60E-08	1.53E-07	9.14E-08	1.74E-08	1.09E-07
8089	625200.42	4265979.07	5.95E-07	1.89E-07	7.84E-07	4.98E-07	1.42E-07	6.39E-07	1.18E-07	3.62E-08	1.54E-07	9.19E-08	1.74E-08	1.09E-07
8090	625200.58	4265969.14	5.98E-07	1.90E-07	7.88E-07	5.00E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.23E-08	1.75E-08	1.10E-07
8091	625200.74	4265959.2	6.01E-07	1.91E-07	7.92E-07	5.03E-07	1.43E-07	6.46E-07	1.19E-07	3.66E-08	1.56E-07	9.28E-08	1.76E-08	1.10E-07
8092	625200.91	4265949.27	6.05E-07	1.92E-07	7.97E-07	5.05E-07	1.44E-07	6.49E-07	1.20E-07	3.68E-08	1.56E-07	9.33E-08	1.77E-08	1.11E-07
8093	625201.07	4265939.34	6.08E-07	1.93E-07	8.01E-07	5.08E-07	1.45E-07	6.52E-07	1.20E-07	3.70E-08	1.57E-07	9.38E-08	1.78E-08	1.12E-07
8094	625201.23	4265929.4	6.11E-07	1.94E-07	8.05E-07	5.11E-07	1.45E-07	6.56E-07	1.21E-07	3.72E-08	1.58E-07	9.42E-08	1.79E-08	1.12E-07
8095	625201.4	4265919.47	6.14E-07	1.95E-07	8.08E-07	5.13E-07	1.46E-07	6.59E-07	1.21E-07	3.73E-08	1.59E-07	9.47E-08	1.80E-08	1.13E-07
8096	625201.56	4265909.54	6.16E-07	1.96E-07	8.12E-07	5.15E-07	1.46E-07	6.61E-07	1.22E-07	3.75E-08	1.59E-07	9.51E-08	1.81E-08	1.13E-07
8097	625201.72	4265899.6	6.18E-07	1.96E-07	8.15E-07	5.17E-07	1.47E-07	6.64E-07	1.22E-07	3.76E-08	1.60E-07	9.54E-08	1.81E-08	1.14E-07
8098	625201.89	4265889.67	6.20E-07	1.97E-07	8.18E-07	5.19E-07	1.48E-07	6.66E-07	1.23E-07	3.78E-08	1.61E-07	9.57E-08	1.82E-08	1.14E-07
8099	625202.05	4265879.74	6.22E-07	1.98E-07	8.20E-07	5.20E-07	1.48E-07	6.68E-07	1.23E-07	3.79E-08	1.61E-07	9.60E-08	1.82E-08	1.14E-07
8100	625202.22	4265869.8	6.24E-07	1.98E-07	8.22E-07	5.21E-07	1.48E-07	6.70E-07	1.23E-07	3.80E-08	1.61E-07	9.63E-08	1.83E-08	1.15E-07
8101	625202.38	4265859.87	6.25E-07	1.99E-07	8.24E-07	5.23E-07	1.49E-07	6.71E-07	1.24E-07	3.80E-08	1.62E-07	9.65E-08	1.83E-08	1.15E-07
8102	625202.54	4265849.94	6.26E-07	1.99E-07	8.25E-07	5.24E-07	1.49E-07	6.73E-07	1.24E-07	3.81E-08	1.62E-07	9.67E-08	1.84E-08	1.15E-07
8103	625202.71	4265840	6.27E-07	1.99E-07	8.27E-07	5.24E-07	1.49E-07	6.74E-07	1.24E-07	3.82E-08	1.62E-07	9.68E-08	1.84E-08	1.15E-07
8104	625202.87	4265830.07	6.28E-07	1.99E-07	8.27E-07	5.25E-07	1.49E-07	6.74E-07	1.24E-07	3.82E-08	1.63E-07	9.69E-08	1.84E-08	1.15E-07
8105	625203.03	4265820.14	6.29E-07	2.00E-07	8.28E-07	5.25E-07	1.49E-07	6.75E-07	1.24E-07	3.82E-08	1.63E-07	9.70E-08	1.84E-08	1.15E-07
8106	625203.2	4265810.2	6.29E-07	2.00E-07	8.29E-07	5.26E-07	1.50E-07	6.75E-07	1.25E-07	3.83E-08	1.63E-07	9.71E-08	1.84E-08	1.15E-07
8107	625203.36	4265800.27	6.29E-07	2.00E-07	8.29E-07	5.26E-07	1.50E-07	6.76E-07	1.25E-07	3.83E-08	1.63E-07	9.71E-08	1.84E-08	1.16E-07
8108	625203.52	4265790.34	6.30E-07	2.00E-07	8.30E-07	5.27E-07	1.50E-07	6.76E-07	1.25E-07	3.83E-08	1.63E-07	9.72E-08	1.85E-08	1.16E-07
8109	625203.69	4265780.4	6.30E-07	2.00E-07	8.31E-07	5.27E-07	1.50E-07	6.77E-07	1.25E-07	3.84E-08	1.63E-07	9.73E-08	1.85E-08	1.16E-07
8110	625203.85	4265770.47	6.31E-07	2.01E-07	8.32E-07	5.28E-07	1.50E-07	6.78E-07	1.25E-07	3.84E-08	1.63E-07	9.74E-08	1.85E-08	1.16E-07
8111	625204.01	4265760.54	6.32E-07	2.01E-07	8.33E-07	5.29E-07	1.50E-07	6.79E-07	1.25E-07	3.85E-08	1.64E-07	9.76E-08	1.85E-08	1.16E-07
8112	625204.18	4265750.6	6.34E-07	2.01E-07	8.35E-07	5.30E-07	1.51E-07	6.81E-07	1.25E-07	3.86E-08	1.64E-07	9.78E-08	1.86E-08	1.16E-07
8113	625204.34	4265740.67	6.36E-07	2.02E-07	8.37E-07	5.31E-07	1.51E-07	6.82E-07	1.26E-07	3.87E-08	1.64E-07	9.81E-08	1.86E-08	1.17E-07
8114	625204.5	4265730.74	6.38E-07	2.02E-07	8.40E-07	5.33E-07	1.52E-07	6.85E-07	1.26E-07	3.88E-08	1.65E-07	9.84E-08	1.87E-08	1.17E-07
8115	625204.67	4265720.8	6.40E-07	2.03E-07	8.43E-07	5.35E-07	1.52E-07	6.87E-07	1.27E-07	3.89E-08	1.66E-07	9.87E-08	1.88E-08	1.17E-07
8116	625204.83	4265710.87	6.42E-07	2.04E-07	8.46E-07	5.37E-07	1.53E-07	6.89E-07	1.27E-07	3.91E-08	1.66E-07	9.91E-08	1.88E-08	1.18E-07
8117	625205	4265700.94	6.44E-07	2.05E-07	8.49E-07	5.38E-07	1.53E-07	6.91E-07	1.27E-07	3.92E-08	1.67E-07	9.94E-08	1.89E-08	1.18E-07
8118	625205.16	4265691	6.46E-07	2.05E-07	8.51E-07	5.40E-07	1.54E-07	6.94E-07	1.28E-07	3.93E-08	1.67E-07	9.97E-08	1.89E-08	1.19E-07
8119	625205.32	4265681.07	6.48E-07	2.06E-07	8.54E-07	5.42E-07	1.54E-07	6.96E-07	1.28E-07	3.94E-08	1.68E-07	1.00E-07	1.90E-08	1.19E-07
8120	625235.66	4266185.89	5.02E-07	1.59E-07	6.61E-07	4.19E-07	1.19E-07	5.38E-07	9.93E-08	3.05E-08	1.30E-07	7.74E-08	1.47E-08	9.21E-08
8121	625231.72	4266194.96	5.06E-07	1.61E-07	6.67E-07	4.23E-07	1.20E-07	5.44E-07	1.00E-07	3.08E-08	1.31E-07	7.81E-08	1.48E-08	9.30E-08
8122	625227.79	4266204.03	5.11E-07	1.62E-07	6.73E-07	4.27E-07	1.22E-07	5.49E-07	1.01E-07	3.11E-08	1.32E-07	7.89E-08	1.50E-08	9.39E-08
8123	625223.85	4266213.1	5.16E-07	1.64E-07	6.79E-07	4.31E-07	1.23E-07	5.54E-07	1.02E-07	3.14E-08	1.33E-07	7.96E-08	1.51E-08	9.47E-08
8124	625219.92	4266222.16	5.20E-07	1.65E-07	6.85E-07	4.34E-07	1.24E-07	5.58E-07	1.03E-07	3.16E-08	1.35E-07	8.02E-08	1.52E-08	9.54E-08
8125	625215.98	4266231.23	5.24E-07	1.66E-07	6.90E-07	4.38E-07	1.25E-07	5.62E-07	1.04E-07	3.19E-08	1.36E-07	8.08E-08	1.54E-08	9.62E-08
8126	625212.05	4266240.3	5.28E-07	1.68E-07	6.95E-07	4.41E-07	1.25E-07	5.66E-07	1.04E-07	3.21E-08	1.37E-07	8.14E-08	1.55E-08	9.69E-08
8127	625208.11	4266249.36	5.31E-07	1.69E-07	7.00E-07	4.44E-07	1.26E-07	5.70E-07	1.05E-07	3.23E-08	1.37E-07	8.19E-08	1.56E-08	9.75E-08
8128	625204.18	4266258.43	5.34E-07	1.70E-07	7.04E-07	4.47E-07	1.27E-07	5.74E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.57E-08	9.81E-08
8129	625200.24	4266267.5	5.37E-07	1.71E-07	7.08E-07	4.49E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.29E-08	1.57E-08	9.87E-08
8130	625196.31	4266276.56	5.40E-07	1.72E-07	7.12E-07	4.52E-07	1.28E-07	5.80E-07	1.07E-07	3.29E-08	1.40E-07	8.34E-08	1.58E-08	9.92E-08
8131	625192.37	4266285.63	5.43E-07	1.73E-07	7.16E-07	4.54E-07	1.29E-07	5.83E-07	1.08E-07	3.31E-08	1.41E-07	8.38E-08	1.59E-08	9.98E-08
8132	625156.95	4266367.23	5.79E-07	1.84E-07	7.62E-07	4.84E-07	1.38E-07	6.21E-07	1.15E-07	3.52E-08	1.50E-07	8.93E-08	1.70E-08	1.06E-07
8133	625153.02	4266376.3	5.83E-07	1.85E-07	7.68E-07	4.87E-07	1.39E-07	6.26E-07	1.15E-07	3.55E-08	1.51E-07	8.99E-08	1.71E-08	1.07E-07
8134	625149.08	4266385.36	5.87E-07	1.86E-07	7.73E-07	4.91E-07	1.40E-07	6.30E-07	1.16E-07	3.57E-08	1.52E-07	9.06E-08	1.72E-08	1.08E-07
8135	625145.15	4266394.43	5.91E-07	1.88E-07	7.79E-07	4.94E-07	1.41E-07	6.35E-07	1.17E-07	3.60E-08	1.53E-07	9.12E-08	1.73E-08	1.09E-07
8136	625141.21	4266403.5	5.95E-07	1.89E-07	7.84E-07	4.97E-07	1.41E-07	6.39E-07	1.18E-07	3.62E-08	1.54E-07	9.18E-08	1.74E-08	1.09E-07

8137	625137.27	4266412.56	5.99E-07	1.90E-07	7.89E-07	5.00E-07	1.42E-07	6.43E-07	1.19E-07	3.64E-08	1.55E-07	9.24E-08	1.75E-08	1.10E-07
8138	625133.34	4266421.63	6.02E-07	1.91E-07	7.94E-07	5.03E-07	1.43E-07	6.47E-07	1.19E-07	3.66E-08	1.56E-07	9.29E-08	1.77E-08	1.11E-07
8139	625129.4	4266430.7	6.06E-07	1.92E-07	7.98E-07	5.06E-07	1.44E-07	6.50E-07	1.20E-07	3.68E-08	1.57E-07	9.34E-08	1.77E-08	1.11E-07
8140	625116.27	4266443.39	6.24E-07	1.98E-07	8.22E-07	5.21E-07	1.48E-07	6.70E-07	1.23E-07	3.80E-08	1.61E-07	9.63E-08	1.83E-08	1.15E-07
8141	625107.08	4266447.01	6.39E-07	2.03E-07	8.42E-07	5.34E-07	1.52E-07	6.86E-07	1.27E-07	3.89E-08	1.65E-07	9.86E-08	1.87E-08	1.17E-07
8142	625097.88	4266450.63	6.55E-07	2.08E-07	8.63E-07	5.47E-07	1.56E-07	7.03E-07	1.30E-07	3.98E-08	1.69E-07	1.01E-07	1.92E-08	1.20E-07
8143	625088.68	4266454.25	6.71E-07	2.13E-07	8.83E-07	5.60E-07	1.59E-07	7.20E-07	1.33E-07	4.08E-08	1.74E-07	1.03E-07	1.97E-08	1.23E-07
8144	625079.49	4266457.87	6.86E-07	2.18E-07	9.04E-07	5.74E-07	1.63E-07	7.37E-07	1.36E-07	4.18E-08	1.78E-07	1.06E-07	2.01E-08	1.26E-07
8145	625070.29	4266461.5	7.02E-07	2.23E-07	9.25E-07	5.87E-07	1.67E-07	7.53E-07	1.39E-07	4.27E-08	1.82E-07	1.08E-07	2.06E-08	1.29E-07
8146	625061.09	4266465.12	7.17E-07	2.28E-07	9.45E-07	5.99E-07	1.71E-07	7.70E-07	1.42E-07	4.36E-08	1.86E-07	1.11E-07	2.10E-08	1.32E-07
8147	625051.9	4266468.74	7.32E-07	2.33E-07	9.65E-07	6.12E-07	1.74E-07	7.86E-07	1.45E-07	4.46E-08	1.90E-07	1.13E-07	2.15E-08	1.34E-07
8148	625042.7	4266472.36	7.47E-07	2.37E-07	9.85E-07	6.25E-07	1.78E-07	8.02E-07	1.48E-07	4.55E-08	1.93E-07	1.15E-07	2.19E-08	1.37E-07
8149	625033.5	4266475.98	7.62E-07	2.42E-07	1.00E-06	6.37E-07	1.81E-07	8.18E-07	1.51E-07	4.64E-08	1.97E-07	1.18E-07	2.23E-08	1.40E-07
8150	625024.31	4266479.61	7.76E-07	2.47E-07	1.02E-06	6.49E-07	1.85E-07	8.34E-07	1.54E-07	4.72E-08	2.01E-07	1.20E-07	2.28E-08	1.43E-07
8151	625015.11	4266483.23	7.91E-07	2.51E-07	1.04E-06	6.61E-07	1.88E-07	8.49E-07	1.56E-07	4.81E-08	2.05E-07	1.22E-07	2.32E-08	1.45E-07
8152	625005.91	4266486.85	8.04E-07	2.55E-07	1.06E-06	6.72E-07	1.91E-07	8.63E-07	1.59E-07	4.89E-08	2.08E-07	1.24E-07	2.36E-08	1.48E-07
8153	624996.72	4266490.47	8.17E-07	2.60E-07	1.08E-06	6.83E-07	1.94E-07	8.77E-07	1.62E-07	4.97E-08	2.11E-07	1.26E-07	2.40E-08	1.50E-07
8154	624987.52	4266494.09	8.30E-07	2.64E-07	1.09E-06	6.94E-07	1.97E-07	8.91E-07	1.64E-07	5.05E-08	2.15E-07	1.28E-07	2.43E-08	1.52E-07
8155	624978.32	4266497.72	8.42E-07	2.67E-07	1.11E-06	7.04E-07	2.00E-07	9.04E-07	1.67E-07	5.12E-08	2.18E-07	1.30E-07	2.47E-08	1.55E-07
8156	624969.13	4266501.34	8.53E-07	2.71E-07	1.12E-06	7.13E-07	2.03E-07	9.16E-07	1.69E-07	5.19E-08	2.21E-07	1.32E-07	2.50E-08	1.57E-07
8157	624959.93	4266504.96	8.64E-07	2.74E-07	1.14E-06	7.22E-07	2.05E-07	9.27E-07	1.71E-07	5.25E-08	2.23E-07	1.33E-07	2.53E-08	1.59E-07
8158	624950.74	4266508.58	8.73E-07	2.77E-07	1.15E-06	7.30E-07	2.08E-07	9.37E-07	1.73E-07	5.31E-08	2.26E-07	1.35E-07	2.56E-08	1.60E-07
8159	624941.54	4266512.2	8.82E-07	2.80E-07	1.16E-06	7.37E-07	2.10E-07	9.47E-07	1.75E-07	5.37E-08	2.28E-07	1.36E-07	2.59E-08	1.62E-07
8160	624932.34	4266515.83	8.90E-07	2.83E-07	1.17E-06	7.44E-07	2.12E-07	9.55E-07	1.76E-07	5.42E-08	2.30E-07	1.37E-07	2.61E-08	1.63E-07
8161	624923.15	4266519.45	8.97E-07	2.85E-07	1.18E-06	7.50E-07	2.13E-07	9.63E-07	1.78E-07	5.46E-08	2.32E-07	1.38E-07	2.63E-08	1.65E-07
8162	624913.95	4266523.07	9.03E-07	2.87E-07	1.19E-06	7.55E-07	2.15E-07	9.69E-07	1.79E-07	5.49E-08	2.34E-07	1.39E-07	2.65E-08	1.66E-07
8163	624904.75	4266526.69	9.08E-07	2.88E-07	1.20E-06	7.59E-07	2.16E-07	9.75E-07	1.80E-07	5.52E-08	2.35E-07	1.40E-07	2.66E-08	1.67E-07
8164	624895.56	4266530.31	9.12E-07	2.90E-07	1.20E-06	7.62E-07	2.17E-07	9.79E-07	1.81E-07	5.55E-08	2.36E-07	1.41E-07	2.67E-08	1.67E-07
8165	624886.36	4266533.94	9.15E-07	2.91E-07	1.21E-06	7.65E-07	2.18E-07	9.82E-07	1.81E-07	5.57E-08	2.37E-07	1.41E-07	2.68E-08	1.68E-07
8166	624877.16	4266537.56	9.17E-07	2.91E-07	1.21E-06	7.67E-07	2.18E-07	9.85E-07	1.82E-07	5.58E-08	2.37E-07	1.42E-07	2.69E-08	1.68E-07
8167	624867.97	4266541.18	9.19E-07	2.92E-07	1.21E-06	7.68E-07	2.18E-07	9.86E-07	1.82E-07	5.59E-08	2.38E-07	1.42E-07	2.69E-08	1.69E-07
8168	624858.77	4266544.8	9.19E-07	2.92E-07	1.21E-06	7.68E-07	2.19E-07	9.87E-07	1.82E-07	5.59E-08	2.38E-07	1.42E-07	2.69E-08	1.69E-07
8169	624849.57	4266548.42	9.19E-07	2.92E-07	1.21E-06	7.68E-07	2.19E-07	9.87E-07	1.82E-07	5.59E-08	2.38E-07	1.42E-07	2.69E-08	1.69E-07
8170	625247.63	4266148.76	4.87E-07	1.55E-07	6.41E-07	4.07E-07	1.16E-07	5.22E-07	9.63E-08	2.96E-08	1.26E-07	7.51E-08	1.43E-08	8.93E-08
8171	625247.79	4266138.83	4.87E-07	1.55E-07	6.41E-07	4.07E-07	1.16E-07	5.23E-07	9.64E-08	2.96E-08	1.26E-07	7.51E-08	1.43E-08	8.94E-08
8172	625247.96	4266128.89	4.87E-07	1.55E-07	6.42E-07	4.07E-07	1.16E-07	5.23E-07	9.64E-08	2.96E-08	1.26E-07	7.52E-08	1.43E-08	8.94E-08
8173	625248.12	4266118.96	4.87E-07	1.55E-07	6.42E-07	4.07E-07	1.16E-07	5.23E-07	9.65E-08	2.97E-08	1.26E-07	7.52E-08	1.43E-08	8.95E-08
8174	625248.28	4266109.03	4.88E-07	1.55E-07	6.43E-07	4.08E-07	1.16E-07	5.24E-07	9.65E-08	2.97E-08	1.26E-07	7.53E-08	1.43E-08	8.96E-08
8175	625248.45	4266099.09	4.88E-07	1.55E-07	6.43E-07	4.08E-07	1.16E-07	5.24E-07	9.67E-08	2.97E-08	1.26E-07	7.53E-08	1.43E-08	8.97E-08
8176	625248.61	4266089.16	4.89E-07	1.55E-07	6.44E-07	4.09E-07	1.16E-07	5.25E-07	9.68E-08	2.98E-08	1.27E-07	7.55E-08	1.43E-08	8.98E-08
8177	625248.77	4266079.23	4.90E-07	1.56E-07	6.46E-07	4.10E-07	1.17E-07	5.26E-07	9.70E-08	2.98E-08	1.27E-07	7.56E-08	1.44E-08	9.00E-08
8178	625248.94	4266069.29	4.91E-07	1.56E-07	6.47E-07	4.11E-07	1.17E-07	5.28E-07	9.73E-08	2.99E-08	1.27E-07	7.58E-08	1.44E-08	9.02E-08
8179	625249.1	4266059.36	4.93E-07	1.57E-07	6.49E-07	4.12E-07	1.17E-07	5.29E-07	9.75E-08	3.00E-08	1.28E-07	7.60E-08	1.44E-08	9.05E-08
8180	625249.26	4266049.43	4.94E-07	1.57E-07	6.52E-07	4.13E-07	1.18E-07	5.31E-07	9.79E-08	3.01E-08	1.28E-07	7.63E-08	1.45E-08	9.08E-08
8181	625249.43	4266039.49	4.96E-07	1.58E-07	6.54E-07	4.15E-07	1.18E-07	5.33E-07	9.83E-08	3.02E-08	1.28E-07	7.66E-08	1.45E-08	9.11E-08
8182	625249.59	4266029.56	4.99E-07	1.58E-07	6.57E-07	4.17E-07	1.19E-07	5.35E-07	9.87E-08	3.03E-08	1.29E-07	7.69E-08	1.46E-08	9.16E-08
8183	625249.76	4266019.63	5.01E-07	1.59E-07	6.60E-07	4.19E-07	1.19E-07	5.38E-07	9.92E-08	3.05E-08	1.30E-07	7.73E-08	1.47E-08	9.20E-08
8184	625249.92	4266009.69	5.03E-07	1.60E-07	6.63E-07	4.21E-07	1.20E-07	5.40E-07	9.96E-08	3.06E-08	1.30E-07	7.77E-08	1.48E-08	9.24E-08
8185	625250.08	4265999.76	5.06E-07	1.61E-07	6.66E-07	4.23E-07	1.20E-07	5.43E-07	1.00E-07	3.08E-08	1.31E-07	7.80E-08	1.48E-08	9.29E-08
8186	625250.25	4265989.83	5.08E-07	1.61E-07	6.69E-07	4.25E-07	1.21E-07	5.45E-07	1.01E-07	3.09E-08	1.31E-07	7.84E-08	1.49E-08	9.33E-08
8187	625250.41	4265979.89	5.10E-07	1.62E-07	6.73E-07	4.27E-07	1.21E-07	5.48E-07	1.01E-07	3.11E-08	1.32E-07	7.88E-08	1.50E-08	9.37E-08
8188	625250.57	4265969.96	5.13E-07	1.63E-07	6.76E-07	4.29E-07	1.22E-07	5.51E-07	1.02E-07	3.12E-08	1.33E-07	7.91E-08	1.50E-08	9.42E-08
8189	625250.74	4265960.03	5.15E-07	1.64E-07	6.79E-07	4.31E-07	1.22E-07	5.53E-07	1.02E-07	3.13E-08	1.33E-07	7.95E-08	1.51E-08	9.46E-08
8190	625250.9	4265950.09	5.17E-07	1.64E-07	6.82E-07	4.33E-07	1.23E-07	5.56E-07	1.02E-07	3.15E-08	1.34E-07	7.98E-08	1.52E-08	9.50E-08
8191	625251.06	4265940.16	5.20E-07	1.65E-07	6.85E-07	4.34E-07	1.24E-07	5.58E-07	1.03E-07	3.16E-08	1.34E-07	8.02E-08	1.52E-08	9.54E-08
8192	625251.23	4265930.23	5.22E-07	1.66E-07	6.87E-07	4.36E-07	1.24E-07	5.60E-07	1.03E-07	3.17E-08	1.35E-07	8.05E-08	1.53E-08	9.58E-08
8193	625251.39	4265920.29	5.24E-07	1.66E-07	6.90E-07	4.38E-07	1.25E-07	5.62E-07	1.04E-07	3.19E-08	1.36E-07	8.08E-08	1.53E-08	9.62E-08
8194	625251.55	4265910.36	5.26E-07	1.67E-07	6.92E-07	4.39E-07	1.25E-07	5.64E-07	1.04E-07	3.20E-08	1.36E-07	8.11E-08	1.54E-08	9.65E-08
8195	625251.72	4265900.43	5.27E-07	1.67E-07	6.95E-07	4.41E-07	1.25E-07	5.66E-07	1.04E-07	3.21E-08	1.36E-07	8.13E-08	1.54E-08	9.68E-08
8196	625251.88	4265890.49	5.29E-07	1.68E-07	6.96E-07	4.42E-07	1.26E-07	5.67E-07	1.05E-07	3.22E-08	1.37E-07	8.16E-08	1.55E-08	9.71E-08
8197	625252.04	4265880.56	5.30E-07	1.68E-07	6.98E-07	4.43E-07	1.26E-07	5.69E-07	1.05E-07	3.22E-08	1.37E-07	8.18E-08	1.55E-08	9.73E-08
8198	625252.21	4265870.63	5.31E-07	1.69E-07	6.99E-07	4.44E-07	1.26E-07	5.70E-07	1.05E-07	3.23E-08	1.37E-07	8.19E-08	1.56E-08	9.75E-08
8199	625252.37	4265860.69	5.32E-07	1.69E-07	7.01E-07	4.44E-07	1.26E-07	5.71E-07	1.05E-07	3.24E-08	1.38E-07	8.20E-08	1.56E-08	9.76E-08
8200	625252.54	4265850.76	5.32E-07	1.69E-07	7.01E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.21E-08	1.56E-08	9.77E-08
8201	625252.7	4265840.83	5.33E-07	1.69E-07	7.02E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.78E-08
8202	625252.86	4265830.89	5.33E-07	1.69E-07	7.03E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.23E-08	1.56E-08	9.79E-08
8203	625253.03	4265820.96	5.34E-07	1.70E-07	7.04E-07	4.46E-07	1.27E-07	5.73E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.57E-08	9.81E-08
8204	625253.19	4265811.03	5.35E-07	1.70E-07	7.05E-07	4.47E-07	1.27E-07	5.74E-07	1.06E-07	3.25E-08	1.38E-07	8.25E-08	1.57E-08	9.82E-08
8205	625253.35	4265801.09	5.35E-07	1.70E-07	7.05E-07	4.47E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.39E-07	8.26E-08	1.57E-08	9.83E-08
8206	625253.52	4265791.16	5.36E-07	1.70E-07	7.06E-07	4.48E-07	1.27E-07	5.75E-07	1.06E-07	3.26E-08	1.39E-07	8.27E-08	1.57E-08	9.84E-08
8207	625253.68	4265781.23	5.37E-07	1.70E-07	7.07E-07	4.49E-07	1.28E-07	5.76E-07	1.06E-07	3.27E-08	1.39E-07	8.28E-08	1.57E-08	9.85E-08
8208	625253.84	4265771.29	5.38E-07	1.71E-07	7.09E-07	4.49E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.30E-08	1.58E-08	9.87E-08
8209	625254.01	4265761.36	5.39E-07	1.71E-07	7.10E-07	4.51E-07	1.28E-07	5.79E-07	1.07E-07	3.28E-08	1.39E-07	8.32E-08	1.58E-08	9.90E-08
8210	625254.17	4265751.43	5.41E-07	1.72E-07	7.12E-07	4.52E-07	1.29E-07	5.80E-07	1.07E-07	3.29E-08	1.40E-07	8.34E-08	1.58E-08	9.92E-08

8211	625254.33	4265741.49	5.42E-07	1.72E-07	7.15E-07	4.53E-07	1.29E-07	5.82E-07	1.07E-07	3.30E-08	1.40E-07	8.37E-08	1.59E-08	9.96E-08
8212	625254.5	4265731.56	5.44E-07	1.73E-07	7.17E-07	4.55E-07	1.29E-07	5.84E-07	1.08E-07	3.31E-08	1.41E-07	8.40E-08	1.60E-08	9.99E-08
8213	625254.66	4265721.63	5.46E-07	1.74E-07	7.20E-07	4.57E-07	1.30E-07	5.87E-07	1.08E-07	3.32E-08	1.41E-07	8.43E-08	1.60E-08	1.00E-07
8214	625254.83	4265711.69	5.49E-07	1.74E-07	7.23E-07	4.59E-07	1.30E-07	5.89E-07	1.09E-07	3.34E-08	1.42E-07	8.47E-08	1.61E-08	1.01E-07
8215	625254.99	4265701.76	5.51E-07	1.75E-07	7.26E-07	4.60E-07	1.31E-07	5.91E-07	1.09E-07	3.35E-08	1.43E-07	8.50E-08	1.61E-08	1.01E-07
8216	625255.15	4265691.83	5.53E-07	1.76E-07	7.29E-07	4.62E-07	1.32E-07	5.94E-07	1.09E-07	3.37E-08	1.43E-07	8.53E-08	1.62E-08	1.02E-07
8217	625255.32	4265681.89	5.55E-07	1.76E-07	7.31E-07	4.64E-07	1.32E-07	5.96E-07	1.10E-07	3.38E-08	1.44E-07	8.57E-08	1.63E-08	1.02E-07
8218	625285.69	4266186.62	4.37E-07	1.39E-07	5.76E-07	3.65E-07	1.04E-07	4.69E-07	8.66E-08	2.66E-08	1.13E-07	6.75E-08	1.28E-08	8.03E-08
8219	625281.77	4266195.66	4.41E-07	1.40E-07	5.81E-07	3.68E-07	1.05E-07	4.73E-07	8.73E-08	2.68E-08	1.14E-07	6.80E-08	1.29E-08	8.09E-08
8220	625277.85	4266204.69	4.44E-07	1.41E-07	5.86E-07	3.72E-07	1.06E-07	4.77E-07	8.80E-08	2.70E-08	1.15E-07	6.86E-08	1.30E-08	8.16E-08
8221	625273.93	4266213.72	4.48E-07	1.42E-07	5.90E-07	3.74E-07	1.06E-07	4.81E-07	8.87E-08	2.73E-08	1.16E-07	6.91E-08	1.31E-08	8.22E-08
8222	625270.01	4266222.76	4.51E-07	1.43E-07	5.94E-07	3.77E-07	1.07E-07	4.84E-07	8.93E-08	2.74E-08	1.17E-07	6.96E-08	1.32E-08	8.28E-08
8223	625266.09	4266231.79	4.54E-07	1.44E-07	5.98E-07	3.80E-07	1.08E-07	4.88E-07	8.99E-08	2.76E-08	1.18E-07	7.01E-08	1.33E-08	8.34E-08
8224	625262.17	4266240.83	4.57E-07	1.45E-07	6.02E-07	3.82E-07	1.09E-07	4.91E-07	9.04E-08	2.78E-08	1.18E-07	7.05E-08	1.34E-08	8.39E-08
8225	625258.25	4266249.86	4.59E-07	1.46E-07	6.05E-07	3.84E-07	1.09E-07	4.93E-07	9.09E-08	2.80E-08	1.19E-07	7.09E-08	1.35E-08	8.44E-08
8226	625254.32	4266258.9	4.62E-07	1.47E-07	6.09E-07	3.86E-07	1.10E-07	4.96E-07	9.14E-08	2.81E-08	1.20E-07	7.13E-08	1.35E-08	8.48E-08
8227	625250.4	4266267.93	4.64E-07	1.47E-07	6.11E-07	3.88E-07	1.10E-07	4.98E-07	9.18E-08	2.82E-08	1.20E-07	7.16E-08	1.36E-08	8.52E-08
8228	625246.48	4266276.96	4.66E-07	1.48E-07	6.14E-07	3.90E-07	1.11E-07	5.00E-07	9.23E-08	2.84E-08	1.21E-07	7.19E-08	1.37E-08	8.56E-08
8229	625242.56	4266286	4.68E-07	1.49E-07	6.17E-07	3.91E-07	1.11E-07	5.03E-07	9.27E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.60E-08
8230	625207.27	4266367.31	4.95E-07	1.57E-07	6.52E-07	4.14E-07	1.18E-07	5.32E-07	9.80E-08	3.01E-08	1.28E-07	7.64E-08	1.45E-08	9.09E-08
8231	625203.35	4266376.34	4.99E-07	1.58E-07	6.57E-07	4.17E-07	1.19E-07	5.35E-07	9.87E-08	3.03E-08	1.29E-07	7.70E-08	1.46E-08	9.16E-08
8232	625199.43	4266385.38	5.02E-07	1.60E-07	6.62E-07	4.20E-07	1.19E-07	5.39E-07	9.94E-08	3.06E-08	1.30E-07	7.75E-08	1.47E-08	9.22E-08
8233	625195.5	4266394.41	5.06E-07	1.61E-07	6.67E-07	4.23E-07	1.20E-07	5.43E-07	1.00E-07	3.08E-08	1.31E-07	7.81E-08	1.48E-08	9.29E-08
8234	625191.58	4266403.45	5.10E-07	1.62E-07	6.72E-07	4.26E-07	1.21E-07	5.47E-07	1.01E-07	3.10E-08	1.32E-07	7.86E-08	1.49E-08	9.36E-08
8235	625187.66	4266412.48	5.13E-07	1.63E-07	6.76E-07	4.29E-07	1.22E-07	5.51E-07	1.02E-07	3.12E-08	1.33E-07	7.92E-08	1.50E-08	9.42E-08
8236	625183.74	4266421.51	5.17E-07	1.64E-07	6.81E-07	4.32E-07	1.23E-07	5.55E-07	1.02E-07	3.14E-08	1.34E-07	7.97E-08	1.51E-08	9.49E-08
8237	625179.82	4266430.55	5.20E-07	1.65E-07	6.85E-07	4.35E-07	1.24E-07	5.59E-07	1.03E-07	3.17E-08	1.35E-07	8.03E-08	1.52E-08	9.55E-08
8238	625175.9	4266439.58	5.24E-07	1.66E-07	6.90E-07	4.38E-07	1.24E-07	5.62E-07	1.04E-07	3.19E-08	1.35E-07	8.08E-08	1.53E-08	9.61E-08
8239	625171.98	4266448.62	5.27E-07	1.67E-07	6.94E-07	4.40E-07	1.25E-07	5.65E-07	1.04E-07	3.20E-08	1.36E-07	8.13E-08	1.54E-08	9.67E-08
8240	625168.05	4266457.65	5.30E-07	1.68E-07	6.98E-07	4.43E-07	1.26E-07	5.69E-07	1.05E-07	3.22E-08	1.37E-07	8.17E-08	1.55E-08	9.73E-08
8241	625164.13	4266466.69	5.32E-07	1.69E-07	7.01E-07	4.45E-07	1.27E-07	5.72E-07	1.05E-07	3.24E-08	1.38E-07	8.22E-08	1.56E-08	9.78E-08
8242	625151.05	4266479.33	5.47E-07	1.74E-07	7.21E-07	4.58E-07	1.30E-07	5.88E-07	1.08E-07	3.33E-08	1.42E-07	8.45E-08	1.60E-08	1.01E-07
8243	625141.88	4266482.94	5.60E-07	1.78E-07	7.38E-07	4.68E-07	1.33E-07	6.01E-07	1.11E-07	3.41E-08	1.45E-07	8.64E-08	1.64E-08	1.03E-07
8244	625132.72	4266486.55	5.73E-07	1.82E-07	7.55E-07	4.79E-07	1.36E-07	6.15E-07	1.13E-07	3.48E-08	1.48E-07	8.84E-08	1.68E-08	1.05E-07
8245	625123.56	4266490.16	5.85E-07	1.86E-07	7.71E-07	4.89E-07	1.39E-07	6.29E-07	1.16E-07	3.56E-08	1.52E-07	9.03E-08	1.72E-08	1.07E-07
8246	625114.39	4266493.77	5.98E-07	1.90E-07	7.88E-07	5.00E-07	1.42E-07	6.42E-07	1.18E-07	3.64E-08	1.55E-07	9.23E-08	1.75E-08	1.10E-07
8247	625105.23	4266497.38	6.11E-07	1.94E-07	8.05E-07	5.11E-07	1.45E-07	6.56E-07	1.21E-07	3.72E-08	1.58E-07	9.43E-08	1.79E-08	1.12E-07
8248	625096.07	4266500.98	6.24E-07	1.98E-07	8.22E-07	5.21E-07	1.48E-07	6.69E-07	1.23E-07	3.79E-08	1.61E-07	9.62E-08	1.83E-08	1.14E-07
8249	625086.9	4266504.59	6.36E-07	2.02E-07	8.38E-07	5.32E-07	1.51E-07	6.83E-07	1.26E-07	3.87E-08	1.65E-07	9.81E-08	1.86E-08	1.17E-07
8250	625077.74	4266508.2	6.48E-07	2.06E-07	8.54E-07	5.42E-07	1.54E-07	6.96E-07	1.28E-07	3.95E-08	1.68E-07	1.00E-07	1.90E-08	1.19E-07
8251	625068.58	4266511.81	6.60E-07	2.10E-07	8.70E-07	5.52E-07	1.57E-07	7.09E-07	1.31E-07	4.02E-08	1.71E-07	1.02E-07	1.94E-08	1.21E-07
8252	625059.41	4266515.42	6.72E-07	2.14E-07	8.86E-07	5.62E-07	1.60E-07	7.22E-07	1.33E-07	4.09E-08	1.74E-07	1.04E-07	1.97E-08	1.23E-07
8253	625050.25	4266519.03	6.84E-07	2.17E-07	9.01E-07	5.72E-07	1.63E-07	7.34E-07	1.35E-07	4.16E-08	1.77E-07	1.06E-07	2.00E-08	1.26E-07
8254	625041.08	4266522.64	6.95E-07	2.21E-07	9.16E-07	5.81E-07	1.65E-07	7.47E-07	1.38E-07	4.23E-08	1.80E-07	1.07E-07	2.04E-08	1.28E-07
8255	625031.92	4266526.25	7.06E-07	2.24E-07	9.31E-07	5.90E-07	1.68E-07	7.58E-07	1.40E-07	4.30E-08	1.83E-07	1.09E-07	2.07E-08	1.30E-07
8256	625022.76	4266529.86	7.17E-07	2.28E-07	9.45E-07	5.99E-07	1.70E-07	7.70E-07	1.42E-07	4.36E-08	1.86E-07	1.11E-07	2.10E-08	1.32E-07
8257	625013.59	4266533.47	7.27E-07	2.31E-07	9.58E-07	6.08E-07	1.73E-07	7.81E-07	1.44E-07	4.43E-08	1.88E-07	1.12E-07	2.13E-08	1.34E-07
8258	625004.43	4266537.08	7.37E-07	2.34E-07	9.71E-07	6.16E-07	1.75E-07	7.91E-07	1.46E-07	4.49E-08	1.91E-07	1.14E-07	2.16E-08	1.35E-07
8259	624995.27	4266540.68	7.46E-07	2.37E-07	9.83E-07	6.24E-07	1.77E-07	8.01E-07	1.48E-07	4.54E-08	1.93E-07	1.15E-07	2.19E-08	1.37E-07
8260	624986.1	4266544.29	7.55E-07	2.40E-07	9.95E-07	6.31E-07	1.80E-07	8.11E-07	1.49E-07	4.60E-08	1.95E-07	1.17E-07	2.21E-08	1.39E-07
8261	624976.94	4266547.9	7.63E-07	2.42E-07	1.01E-06	6.38E-07	1.82E-07	8.20E-07	1.51E-07	4.65E-08	1.98E-07	1.18E-07	2.24E-08	1.40E-07
8262	624967.78	4266551.51	7.71E-07	2.45E-07	1.02E-06	6.44E-07	1.83E-07	8.28E-07	1.53E-07	4.69E-08	2.00E-07	1.19E-07	2.26E-08	1.42E-07
8263	624958.61	4266555.12	7.78E-07	2.47E-07	1.02E-06	6.50E-07	1.85E-07	8.35E-07	1.54E-07	4.73E-08	2.01E-07	1.20E-07	2.28E-08	1.43E-07
8264	624949.45	4266558.73	7.84E-07	2.49E-07	1.03E-06	6.55E-07	1.86E-07	8.42E-07	1.55E-07	4.77E-08	2.03E-07	1.21E-07	2.30E-08	1.44E-07
8265	624940.28	4266562.34	7.89E-07	2.51E-07	1.04E-06	6.60E-07	1.88E-07	8.48E-07	1.56E-07	4.80E-08	2.04E-07	1.22E-07	2.31E-08	1.45E-07
8266	624931.12	4266565.95	7.94E-07	2.52E-07	1.05E-06	6.64E-07	1.89E-07	8.53E-07	1.57E-07	4.83E-08	2.06E-07	1.23E-07	2.33E-08	1.46E-07
8267	624921.96	4266569.56	7.98E-07	2.53E-07	1.05E-06	6.67E-07	1.90E-07	8.57E-07	1.58E-07	4.86E-08	2.07E-07	1.23E-07	2.34E-08	1.47E-07
8268	624912.79	4266573.17	8.01E-07	2.55E-07	1.06E-06	6.70E-07	1.91E-07	8.60E-07	1.59E-07	4.88E-08	2.07E-07	1.24E-07	2.35E-08	1.47E-07
8269	624903.63	4266576.77	8.04E-07	2.55E-07	1.06E-06	6.72E-07	1.91E-07	8.63E-07	1.59E-07	4.89E-08	2.08E-07	1.24E-07	2.36E-08	1.48E-07
8270	624894.47	4266580.38	8.06E-07	2.56E-07	1.06E-06	6.73E-07	1.92E-07	8.65E-07	1.59E-07	4.90E-08	2.09E-07	1.24E-07	2.36E-08	1.48E-07
8271	624885.3	4266583.99	8.07E-07	2.56E-07	1.06E-06	6.74E-07	1.92E-07	8.66E-07	1.60E-07	4.91E-08	2.09E-07	1.25E-07	2.36E-08	1.48E-07
8272	624876.14	4266587.6	8.07E-07	2.56E-07	1.06E-06	6.75E-07	1.92E-07	8.67E-07	1.60E-07	4.91E-08	2.09E-07	1.25E-07	2.37E-08	1.48E-07
8273	624866.98	4266591.21	8.07E-07	2.56E-07	1.06E-06	6.75E-07	1.92E-07	8.67E-07	1.60E-07	4.91E-08	2.09E-07	1.25E-07	2.37E-08	1.48E-07
8274	624857.81	4266594.82	8.07E-07	2.56E-07	1.06E-06	6.74E-07	1.92E-07	8.66E-07	1.60E-07	4.91E-08	2.09E-07	1.24E-07	2.36E-08	1.48E-07
8275	624848.65	4266598.43	8.05E-07	2.56E-07	1.06E-06	6.73E-07	1.91E-07	8.65E-07	1.59E-07	4.90E-08	2.08E-07	1.24E-07	2.36E-08	1.48E-07
8276	625297.62	4266149.58	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.82E-08
8277	625297.79	4266139.65	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.82E-08
8278	625297.95	4266129.72	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.57E-08	1.25E-08	7.82E-08
8279	625298.11	4266119.78	4.26E-07	1.35E-07	5.61E-07	3.56E-07	1.01E-07	4.57E-07	8.43E-08	2.59E-08	1.10E-07	6.58E-08	1.25E-08	7.82E-08
8280	625298.28	4266109.85	4.26E-07	1.35E-07	5.62E-07	3.56E-07	1.01E-07	4.58E-07	8.44E-08	2.59E-08	1.10E-07	6.58E-08	1.25E-08	7.83E-08
8281	625298.44	4266099.92	4.27E-07	1.36E-07	5.62E-07	3.57E-07	1.02E-07	4.58E-07	8.45E-08	2.60E-08	1.10E-07	6.59E-08	1.25E-08	7.84E-08
8282	625298.6	4266089.98	4.28E-07	1.36E-07	5.63E-07	3.57E-07	1.02E-07	4.59E-07	8.46E-08	2.60E-08	1.11E-07	6.60E-08	1.25E-08	7.85E-08
8283	625298.77	4266080.05	4.29E-07	1.36E-07	5.65E-07	3.58E-07	1.02E-07	4.60E-07	8.48E-08	2.61E-08	1.11E-07	6.61E-08	1.26E-08	7.87E-08
8284	625298.93	4266070.12	4.30E-07	1.36E-07	5.66E-07	3.59E-07	1.02E-07	4.61E-07	8.50E-08	2.61E-08	1.11E-07	6.63E-08	1.26E-08	7.89E-08

8285	625299.09	4266060.18	4.31E-07	1.37E-07	5.68E-07	3.60E-07	1.02E-07	4.63E-07	8.53E-08	2.62E-08	1.12E-07	6.65E-08	1.26E-08	7.91E-08
8286	625299.26	4266050.25	4.32E-07	1.37E-07	5.70E-07	3.61E-07	1.03E-07	4.64E-07	8.56E-08	2.63E-08	1.12E-07	6.67E-08	1.27E-08	7.94E-08
8287	625299.42	4266040.32	4.34E-07	1.38E-07	5.72E-07	3.63E-07	1.03E-07	4.66E-07	8.59E-08	2.64E-08	1.12E-07	6.69E-08	1.27E-08	7.97E-08
8288	625299.59	4266030.38	4.35E-07	1.38E-07	5.74E-07	3.64E-07	1.04E-07	4.67E-07	8.62E-08	2.65E-08	1.13E-07	6.72E-08	1.28E-08	7.99E-08
8289	625299.75	4266020.45	4.37E-07	1.39E-07	5.76E-07	3.65E-07	1.04E-07	4.69E-07	8.65E-08	2.66E-08	1.13E-07	6.74E-08	1.28E-08	8.02E-08
8290	625299.91	4266010.52	4.39E-07	1.39E-07	5.78E-07	3.67E-07	1.04E-07	4.71E-07	8.69E-08	2.67E-08	1.14E-07	6.77E-08	1.29E-08	8.06E-08
8291	625300.08	4266000.58	4.41E-07	1.40E-07	5.80E-07	3.68E-07	1.05E-07	4.73E-07	8.72E-08	2.68E-08	1.14E-07	6.80E-08	1.29E-08	8.09E-08
8292	625300.24	4265990.65	4.42E-07	1.40E-07	5.83E-07	3.70E-07	1.05E-07	4.75E-07	8.76E-08	2.69E-08	1.14E-07	6.83E-08	1.30E-08	8.12E-08
8293	625300.4	4265980.72	4.44E-07	1.41E-07	5.85E-07	3.71E-07	1.06E-07	4.77E-07	8.79E-08	2.70E-08	1.15E-07	6.85E-08	1.30E-08	8.16E-08
8294	625300.57	4265970.78	4.46E-07	1.42E-07	5.88E-07	3.73E-07	1.06E-07	4.79E-07	8.83E-08	2.71E-08	1.15E-07	6.88E-08	1.31E-08	8.19E-08
8295	625300.73	4265960.85	4.48E-07	1.42E-07	5.90E-07	3.74E-07	1.06E-07	4.81E-07	8.86E-08	2.72E-08	1.16E-07	6.91E-08	1.31E-08	8.22E-08
8296	625300.89	4265950.92	4.49E-07	1.43E-07	5.92E-07	3.76E-07	1.07E-07	4.83E-07	8.90E-08	2.73E-08	1.16E-07	6.93E-08	1.32E-08	8.25E-08
8297	625301.06	4265940.98	4.51E-07	1.43E-07	5.94E-07	3.77E-07	1.07E-07	4.84E-07	8.93E-08	2.75E-08	1.17E-07	6.96E-08	1.32E-08	8.28E-08
8298	625301.22	4265931.05	4.53E-07	1.44E-07	5.97E-07	3.78E-07	1.08E-07	4.86E-07	8.96E-08	2.75E-08	1.17E-07	6.99E-08	1.33E-08	8.31E-08
8299	625301.38	4265921.12	4.54E-07	1.44E-07	5.98E-07	3.80E-07	1.08E-07	4.88E-07	8.99E-08	2.76E-08	1.18E-07	7.01E-08	1.33E-08	8.34E-08
8300	625301.55	4265911.18	4.55E-07	1.45E-07	6.00E-07	3.81E-07	1.08E-07	4.89E-07	9.01E-08	2.77E-08	1.18E-07	7.03E-08	1.33E-08	8.36E-08
8301	625301.71	4265901.25	4.56E-07	1.45E-07	6.01E-07	3.82E-07	1.09E-07	4.90E-07	9.03E-08	2.78E-08	1.18E-07	7.04E-08	1.34E-08	8.38E-08
8302	625301.87	4265891.32	4.57E-07	1.45E-07	6.03E-07	3.82E-07	1.09E-07	4.91E-07	9.05E-08	2.78E-08	1.18E-07	7.06E-08	1.34E-08	8.40E-08
8303	625302.04	4265881.38	4.58E-07	1.46E-07	6.04E-07	3.83E-07	1.09E-07	4.92E-07	9.07E-08	2.79E-08	1.19E-07	7.07E-08	1.34E-08	8.41E-08
8304	625302.2	4265871.45	4.59E-07	1.46E-07	6.05E-07	3.84E-07	1.09E-07	4.93E-07	9.08E-08	2.79E-08	1.19E-07	7.08E-08	1.34E-08	8.43E-08
8305	625302.37	4265861.52	4.59E-07	1.46E-07	6.05E-07	3.84E-07	1.09E-07	4.93E-07	9.09E-08	2.80E-08	1.19E-07	7.09E-08	1.35E-08	8.43E-08
8306	625302.53	4265851.58	4.60E-07	1.46E-07	6.06E-07	3.84E-07	1.09E-07	4.94E-07	9.10E-08	2.80E-08	1.19E-07	7.09E-08	1.35E-08	8.44E-08
8307	625302.69	4265841.65	4.60E-07	1.46E-07	6.06E-07	3.84E-07	1.09E-07	4.94E-07	9.10E-08	2.80E-08	1.19E-07	7.10E-08	1.35E-08	8.45E-08
8308	625302.86	4265831.72	4.60E-07	1.46E-07	6.06E-07	3.85E-07	1.09E-07	4.94E-07	9.11E-08	2.80E-08	1.19E-07	7.10E-08	1.35E-08	8.45E-08
8309	625303.02	4265821.78	4.60E-07	1.46E-07	6.07E-07	3.85E-07	1.09E-07	4.94E-07	9.11E-08	2.80E-08	1.19E-07	7.10E-08	1.35E-08	8.45E-08
8310	625303.18	4265811.85	4.61E-07	1.46E-07	6.07E-07	3.85E-07	1.10E-07	4.95E-07	9.12E-08	2.80E-08	1.19E-07	7.11E-08	1.35E-08	8.46E-08
8311	625303.35	4265801.92	4.61E-07	1.46E-07	6.08E-07	3.85E-07	1.10E-07	4.95E-07	9.13E-08	2.81E-08	1.19E-07	7.12E-08	1.35E-08	8.47E-08
8312	625303.51	4265791.98	4.62E-07	1.47E-07	6.09E-07	3.86E-07	1.10E-07	4.96E-07	9.14E-08	2.81E-08	1.20E-07	7.13E-08	1.35E-08	8.48E-08
8313	625303.67	4265782.05	4.63E-07	1.47E-07	6.10E-07	3.87E-07	1.10E-07	4.97E-07	9.16E-08	2.82E-08	1.20E-07	7.14E-08	1.36E-08	8.50E-08
8314	625303.84	4265772.12	4.64E-07	1.47E-07	6.11E-07	3.88E-07	1.10E-07	4.98E-07	9.18E-08	2.82E-08	1.20E-07	7.16E-08	1.36E-08	8.52E-08
8315	625304	4265762.18	4.65E-07	1.48E-07	6.13E-07	3.89E-07	1.11E-07	4.99E-07	9.21E-08	2.83E-08	1.20E-07	7.18E-08	1.36E-08	8.54E-08
8316	625304.16	4265752.25	4.67E-07	1.48E-07	6.15E-07	3.90E-07	1.11E-07	5.01E-07	9.24E-08	2.84E-08	1.21E-07	7.20E-08	1.37E-08	8.57E-08
8317	625304.33	4265742.32	4.69E-07	1.49E-07	6.17E-07	3.92E-07	1.11E-07	5.03E-07	9.28E-08	2.85E-08	1.21E-07	7.23E-08	1.37E-08	8.60E-08
8318	625304.49	4265732.38	4.71E-07	1.49E-07	6.20E-07	3.93E-07	1.12E-07	5.05E-07	9.32E-08	2.86E-08	1.22E-07	7.26E-08	1.38E-08	8.64E-08
8319	625304.65	4265722.45	4.73E-07	1.50E-07	6.23E-07	3.95E-07	1.12E-07	5.08E-07	9.36E-08	2.88E-08	1.22E-07	7.30E-08	1.39E-08	8.68E-08
8320	625304.82	4265712.52	4.75E-07	1.51E-07	6.26E-07	3.97E-07	1.13E-07	5.10E-07	9.40E-08	2.89E-08	1.23E-07	7.33E-08	1.39E-08	8.72E-08
8321	625304.98	4265702.58	4.77E-07	1.52E-07	6.29E-07	3.99E-07	1.14E-07	5.13E-07	9.45E-08	2.90E-08	1.24E-07	7.37E-08	1.40E-08	8.77E-08
8322	625305.15	4265692.65	4.80E-07	1.52E-07	6.32E-07	4.01E-07	1.14E-07	5.15E-07	9.49E-08	2.92E-08	1.24E-07	7.40E-08	1.41E-08	8.81E-08
8323	625305.31	4265682.72	4.82E-07	1.53E-07	6.35E-07	4.03E-07	1.15E-07	5.17E-07	9.54E-08	2.93E-08	1.25E-07	7.43E-08	1.41E-08	8.85E-08
8324	625335.72	4266187.37	3.87E-07	1.23E-07	5.10E-07	3.23E-07	9.20E-08	4.15E-07	7.65E-08	2.35E-08	1.00E-07	5.97E-08	1.13E-08	7.10E-08
8325	625331.81	4266196.38	3.90E-07	1.24E-07	5.13E-07	3.26E-07	9.26E-08	4.18E-07	7.71E-08	2.37E-08	1.01E-07	6.01E-08	1.14E-08	7.15E-08
8326	625327.9	4266205.38	3.92E-07	1.25E-07	5.17E-07	3.28E-07	9.33E-08	4.21E-07	7.77E-08	2.39E-08	1.02E-07	6.05E-08	1.15E-08	7.20E-08
8327	625323.99	4266214.39	3.95E-07	1.25E-07	5.20E-07	3.30E-07	9.39E-08	4.24E-07	7.82E-08	2.40E-08	1.02E-07	6.10E-08	1.16E-08	7.25E-08
8328	625320.08	4266223.4	3.97E-07	1.26E-07	5.24E-07	3.32E-07	9.45E-08	4.27E-07	7.87E-08	2.42E-08	1.03E-07	6.13E-08	1.16E-08	7.30E-08
8329	625316.17	4266232.41	4.00E-07	1.27E-07	5.27E-07	3.34E-07	9.50E-08	4.29E-07	7.91E-08	2.43E-08	1.03E-07	6.17E-08	1.17E-08	7.34E-08
8330	625312.26	4266241.42	4.02E-07	1.28E-07	5.29E-07	3.36E-07	9.55E-08	4.31E-07	7.95E-08	2.45E-08	1.04E-07	6.20E-08	1.18E-08	7.38E-08
8331	625308.35	4266250.43	4.04E-07	1.28E-07	5.32E-07	3.37E-07	9.60E-08	4.33E-07	7.99E-08	2.46E-08	1.04E-07	6.23E-08	1.18E-08	7.41E-08
8332	625304.44	4266259.44	4.05E-07	1.29E-07	5.34E-07	3.39E-07	9.64E-08	4.35E-07	8.02E-08	2.47E-08	1.05E-07	6.25E-08	1.19E-08	7.44E-08
8333	625300.53	4266268.44	4.07E-07	1.29E-07	5.36E-07	3.40E-07	9.67E-08	4.37E-07	8.05E-08	2.48E-08	1.05E-07	6.28E-08	1.19E-08	7.47E-08
8334	625296.62	4266277.45	4.08E-07	1.30E-07	5.38E-07	3.41E-07	9.70E-08	4.38E-07	8.08E-08	2.48E-08	1.06E-07	6.30E-08	1.20E-08	7.49E-08
8335	625292.71	4266286.46	4.09E-07	1.30E-07	5.40E-07	3.42E-07	9.74E-08	4.40E-07	8.11E-08	2.49E-08	1.06E-07	6.32E-08	1.20E-08	7.52E-08
8336	625257.52	4266367.54	4.29E-07	1.36E-07	5.65E-07	3.58E-07	1.02E-07	4.60E-07	8.48E-08	2.61E-08	1.11E-07	6.61E-08	1.26E-08	7.87E-08
8337	625253.61	4266376.55	4.32E-07	1.37E-07	5.69E-07	3.61E-07	1.03E-07	4.63E-07	8.54E-08	2.63E-08	1.12E-07	6.66E-08	1.26E-08	7.92E-08
8338	625249.7	4266385.56	4.35E-07	1.38E-07	5.73E-07	3.63E-07	1.03E-07	4.67E-07	8.60E-08	2.64E-08	1.12E-07	6.71E-08	1.27E-08	7.98E-08
8339	625245.79	4266394.57	4.38E-07	1.39E-07	5.77E-07	3.66E-07	1.04E-07	4.70E-07	8.66E-08	2.66E-08	1.13E-07	6.75E-08	1.28E-08	8.04E-08
8340	625241.88	4266403.57	4.41E-07	1.40E-07	5.81E-07	3.68E-07	1.05E-07	4.73E-07	8.72E-08	2.68E-08	1.14E-07	6.80E-08	1.29E-08	8.09E-08
8341	625237.97	4266412.58	4.44E-07	1.41E-07	5.85E-07	3.71E-07	1.06E-07	4.77E-07	8.79E-08	2.70E-08	1.15E-07	6.85E-08	1.30E-08	8.15E-08
8342	625234.06	4266421.59	4.47E-07	1.42E-07	5.89E-07	3.74E-07	1.06E-07	4.80E-07	8.85E-08	2.72E-08	1.16E-07	6.90E-08	1.31E-08	8.21E-08
8343	625230.15	4266430.6	4.50E-07	1.43E-07	5.93E-07	3.76E-07	1.07E-07	4.84E-07	8.91E-08	2.74E-08	1.17E-07	6.95E-08	1.32E-08	8.27E-08
8344	625226.24	4266439.61	4.54E-07	1.44E-07	5.98E-07	3.79E-07	1.08E-07	4.87E-07	8.98E-08	2.76E-08	1.17E-07	7.00E-08	1.33E-08	8.33E-08
8345	625222.33	4266448.62	4.57E-07	1.45E-07	6.02E-07	3.82E-07	1.09E-07	4.90E-07	9.04E-08	2.78E-08	1.18E-07	7.05E-08	1.34E-08	8.38E-08
8346	625218.42	4266457.63	4.60E-07	1.46E-07	6.06E-07	3.84E-07	1.09E-07	4.94E-07	9.10E-08	2.80E-08	1.19E-07	7.09E-08	1.35E-08	8.44E-08
8347	625214.51	4266466.63	4.63E-07	1.47E-07	6.10E-07	3.87E-07	1.10E-07	4.97E-07	9.16E-08	2.81E-08	1.20E-07	7.14E-08	1.36E-08	8.49E-08
8348	625210.6	4266475.64	4.65E-07	1.48E-07	6.13E-07	3.89E-07	1.11E-07	5.00E-07	9.21E-08	2.83E-08	1.20E-07	7.18E-08	1.36E-08	8.55E-08
8349	625206.69	4266484.65	4.68E-07	1.49E-07	6.17E-07	3.91E-07	1.11E-07	5.03E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
8350	625202.78	4266493.66	4.71E-07	1.49E-07	6.20E-07	3.93E-07	1.12E-07	5.05E-07	9.31E-08	2.86E-08	1.22E-07	7.26E-08	1.38E-08	8.64E-08
8351	625198.87	4266502.67	4.73E-07	1.50E-07	6.23E-07	3.95E-07	1.12E-07	5.08E-07	9.36E-08	2.88E-08	1.22E-07	7.30E-08	1.39E-08	8.68E-08
8352	625185.82	4266515.28	4.85E-07	1.54E-07	6.40E-07	4.06E-07	1.15E-07	5.21E-07	9.61E-08	2.95E-08	1.26E-07	7.49E-08	1.42E-08	8.91E-08
8353	625176.68	4266518.88	4.96E-07	1.57E-07	6.53E-07	4.14E-07	1.18E-07	5.32E-07	9.81E-08	3.02E-08	1.28E-07	7.65E-08	1.45E-08	9.10E-08
8354	625167.54	4266522.47	5.06E-07	1.61E-07	6.67E-07	4.23E-07	1.20E-07	5.44E-07	1.00E-07	3.08E-08	1.31E-07	7.81E-08	1.48E-08	9.30E-08
8355	625158.4	4266526.07	5.17E-07	1.64E-07	6.81E-07	4.32E-07	1.23E-07	5.55E-07	1.02E-07	3.14E-08	1.34E-07	7.97E-08	1.51E-08	9.49E-08
8356	625149.27	4266529.67	5.27E-07	1.67E-07	6.95E-07	4.41E-07	1.25E-07	5.66E-07	1.04E-07	3.21E-08	1.36E-07	8.14E-08	1.55E-08	9.68E-08
8357	625140.13	4266533.27	5.38E-07	1.71E-07	7.09E-07	4.50E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.30E-08	1.58E-08	9.88E-08
8358	625130.99	4266536.87	5.48E-07	1.74E-07	7.22E-07	4.58E-07	1.30E-07	5.89E-07	1.09E-07	3.34E-08	1.42E-07	8.46E-08	1.61E-08	1.01E-07

8359	625121.85	4266540.47	5.59E-07	1.77E-07	7.36E-07	4.67E-07	1.33E-07	6.00E-07	1.11E-07	3.40E-08	1.45E-07	8.62E-08	1.64E-08	1.03E-07
8360	625112.72	4266544.07	5.69E-07	1.81E-07	7.50E-07	4.76E-07	1.35E-07	6.11E-07	1.13E-07	3.46E-08	1.47E-07	8.78E-08	1.67E-08	1.04E-07
8361	625103.58	4266547.67	5.79E-07	1.84E-07	7.63E-07	4.84E-07	1.38E-07	6.22E-07	1.15E-07	3.52E-08	1.50E-07	8.94E-08	1.70E-08	1.06E-07
8362	625094.44	4266551.26	5.89E-07	1.87E-07	7.76E-07	4.92E-07	1.40E-07	6.32E-07	1.17E-07	3.58E-08	1.52E-07	9.09E-08	1.73E-08	1.08E-07
8363	625085.3	4266554.86	5.99E-07	1.90E-07	7.89E-07	5.00E-07	1.42E-07	6.43E-07	1.19E-07	3.64E-08	1.55E-07	9.24E-08	1.75E-08	1.10E-07
8364	625076.17	4266558.46	6.08E-07	1.93E-07	8.01E-07	5.08E-07	1.45E-07	6.53E-07	1.20E-07	3.70E-08	1.57E-07	9.39E-08	1.78E-08	1.12E-07
8365	625067.03	4266562.06	6.18E-07	1.96E-07	8.14E-07	5.16E-07	1.47E-07	6.63E-07	1.22E-07	3.76E-08	1.60E-07	9.53E-08	1.81E-08	1.13E-07
8366	625057.89	4266565.66	6.27E-07	1.99E-07	8.26E-07	5.24E-07	1.49E-07	6.73E-07	1.24E-07	3.81E-08	1.62E-07	9.67E-08	1.84E-08	1.15E-07
8367	625048.75	4266569.26	6.35E-07	2.02E-07	8.37E-07	5.31E-07	1.51E-07	6.82E-07	1.26E-07	3.87E-08	1.64E-07	9.81E-08	1.86E-08	1.17E-07
8368	625039.62	4266572.86	6.44E-07	2.05E-07	8.48E-07	5.38E-07	1.53E-07	6.91E-07	1.27E-07	3.92E-08	1.67E-07	9.94E-08	1.89E-08	1.18E-07
8369	625030.48	4266576.46	6.52E-07	2.07E-07	8.59E-07	5.45E-07	1.55E-07	7.00E-07	1.29E-07	3.97E-08	1.69E-07	1.01E-07	1.91E-08	1.20E-07
8370	625021.34	4266580.05	6.60E-07	2.10E-07	8.69E-07	5.52E-07	1.57E-07	7.08E-07	1.31E-07	4.02E-08	1.71E-07	1.02E-07	1.93E-08	1.21E-07
8371	625012.2	4266583.65	6.67E-07	2.12E-07	8.79E-07	5.58E-07	1.59E-07	7.16E-07	1.32E-07	4.06E-08	1.73E-07	1.03E-07	1.96E-08	1.23E-07
8372	625003.07	4266587.25	6.74E-07	2.14E-07	8.88E-07	5.64E-07	1.60E-07	7.24E-07	1.33E-07	4.10E-08	1.74E-07	1.04E-07	1.98E-08	1.24E-07
8373	624993.93	4266590.85	6.81E-07	2.16E-07	8.97E-07	5.69E-07	1.62E-07	7.31E-07	1.35E-07	4.14E-08	1.76E-07	1.05E-07	1.99E-08	1.25E-07
8374	624984.79	4266594.45	6.87E-07	2.18E-07	9.05E-07	5.74E-07	1.63E-07	7.37E-07	1.36E-07	4.18E-08	1.78E-07	1.06E-07	2.01E-08	1.26E-07
8375	624975.65	4266598.05	6.92E-07	2.20E-07	9.12E-07	5.78E-07	1.65E-07	7.43E-07	1.37E-07	4.21E-08	1.79E-07	1.07E-07	2.03E-08	1.27E-07
8376	624966.52	4266601.65	6.97E-07	2.21E-07	9.18E-07	5.82E-07	1.66E-07	7.48E-07	1.38E-07	4.24E-08	1.80E-07	1.08E-07	2.04E-08	1.28E-07
8377	624957.38	4266605.25	7.01E-07	2.23E-07	9.24E-07	5.86E-07	1.67E-07	7.53E-07	1.39E-07	4.27E-08	1.81E-07	1.08E-07	2.06E-08	1.29E-07
8378	624948.24	4266608.84	7.05E-07	2.24E-07	9.29E-07	5.89E-07	1.68E-07	7.57E-07	1.40E-07	4.29E-08	1.82E-07	1.09E-07	2.07E-08	1.29E-07
8379	624939.1	4266612.44	7.08E-07	2.25E-07	9.33E-07	5.92E-07	1.68E-07	7.60E-07	1.40E-07	4.31E-08	1.83E-07	1.09E-07	2.08E-08	1.30E-07
8380	624929.97	4266616.04	7.11E-07	2.26E-07	9.37E-07	5.94E-07	1.69E-07	7.63E-07	1.41E-07	4.33E-08	1.84E-07	1.10E-07	2.08E-08	1.31E-07
8381	624920.83	4266619.64	7.13E-07	2.26E-07	9.39E-07	5.96E-07	1.70E-07	7.65E-07	1.41E-07	4.34E-08	1.84E-07	1.10E-07	2.09E-08	1.31E-07
8382	624911.69	4266623.24	7.14E-07	2.27E-07	9.41E-07	5.97E-07	1.70E-07	7.67E-07	1.41E-07	4.35E-08	1.85E-07	1.10E-07	2.09E-08	1.31E-07
8383	624902.55	4266626.84	7.15E-07	2.27E-07	9.43E-07	5.98E-07	1.70E-07	7.68E-07	1.42E-07	4.35E-08	1.85E-07	1.10E-07	2.10E-08	1.31E-07
8384	624893.42	4266630.44	7.16E-07	2.27E-07	9.43E-07	5.98E-07	1.70E-07	7.69E-07	1.42E-07	4.36E-08	1.85E-07	1.10E-07	2.10E-08	1.31E-07
8385	624884.28	4266634.04	7.16E-07	2.27E-07	9.43E-07	5.98E-07	1.70E-07	7.68E-07	1.42E-07	4.35E-08	1.85E-07	1.10E-07	2.10E-08	1.31E-07
8386	624875.14	4266637.64	7.15E-07	2.27E-07	9.42E-07	5.98E-07	1.70E-07	7.68E-07	1.42E-07	4.35E-08	1.85E-07	1.10E-07	2.10E-08	1.31E-07
8387	624866	4266641.23	7.14E-07	2.27E-07	9.41E-07	5.97E-07	1.70E-07	7.67E-07	1.41E-07	4.35E-08	1.85E-07	1.10E-07	2.09E-08	1.31E-07
8388	624856.87	4266644.83	7.13E-07	2.26E-07	9.39E-07	5.96E-07	1.69E-07	7.65E-07	1.41E-07	4.34E-08	1.84E-07	1.10E-07	2.09E-08	1.31E-07
8389	624847.73	4266648.43	7.11E-07	2.26E-07	9.37E-07	5.94E-07	1.69E-07	7.63E-07	1.41E-07	4.33E-08	1.84E-07	1.10E-07	2.08E-08	1.31E-07
8390	625347.62	4266150.41	3.78E-07	1.20E-07	4.98E-07	3.16E-07	8.98E-08	4.06E-07	7.48E-08	2.30E-08	9.78E-08	5.83E-08	1.11E-08	6.94E-08
8391	625347.78	4266140.47	3.78E-07	1.20E-07	4.98E-07	3.16E-07	8.98E-08	4.06E-07	7.48E-08	2.30E-08	9.78E-08	5.83E-08	1.11E-08	6.94E-08
8392	625347.94	4266130.54	3.78E-07	1.20E-07	4.98E-07	3.16E-07	8.98E-08	4.06E-07	7.48E-08	2.30E-08	9.78E-08	5.83E-08	1.11E-08	6.94E-08
8393	625348.11	4266120.61	3.78E-07	1.20E-07	4.98E-07	3.16E-07	8.99E-08	4.06E-07	7.48E-08	2.30E-08	9.79E-08	5.83E-08	1.11E-08	6.94E-08
8394	625348.27	4266110.67	3.79E-07	1.20E-07	4.99E-07	3.16E-07	9.00E-08	4.06E-07	7.49E-08	2.30E-08	9.80E-08	5.84E-08	1.11E-08	6.95E-08
8395	625348.43	4266100.74	3.79E-07	1.20E-07	4.99E-07	3.17E-07	9.01E-08	4.07E-07	7.50E-08	2.31E-08	9.81E-08	5.85E-08	1.11E-08	6.96E-08
8396	625348.6	4266090.81	3.79E-07	1.20E-07	5.00E-07	3.17E-07	9.02E-08	4.07E-07	7.51E-08	2.31E-08	9.82E-08	5.85E-08	1.11E-08	6.97E-08
8397	625348.76	4266080.87	3.80E-07	1.21E-07	5.01E-07	3.18E-07	9.03E-08	4.08E-07	7.52E-08	2.31E-08	9.83E-08	5.86E-08	1.11E-08	6.98E-08
8398	625348.92	4266070.94	3.81E-07	1.21E-07	5.02E-07	3.18E-07	9.05E-08	4.09E-07	7.54E-08	2.32E-08	9.85E-08	5.87E-08	1.12E-08	6.99E-08
8399	625349.09	4266061.01	3.82E-07	1.21E-07	5.03E-07	3.19E-07	9.07E-08	4.10E-07	7.55E-08	2.32E-08	9.87E-08	5.89E-08	1.12E-08	7.01E-08
8400	625349.25	4266051.07	3.83E-07	1.21E-07	5.04E-07	3.20E-07	9.10E-08	4.11E-07	7.57E-08	2.33E-08	9.90E-08	5.90E-08	1.12E-08	7.02E-08
8401	625349.41	4266041.14	3.84E-07	1.22E-07	5.06E-07	3.21E-07	9.12E-08	4.12E-07	7.59E-08	2.33E-08	9.93E-08	5.92E-08	1.12E-08	7.05E-08
8402	625349.58	4266031.21	3.85E-07	1.22E-07	5.07E-07	3.22E-07	9.15E-08	4.13E-07	7.62E-08	2.34E-08	9.96E-08	5.94E-08	1.13E-08	7.07E-08
8403	625349.74	4266021.27	3.86E-07	1.23E-07	5.09E-07	3.23E-07	9.18E-08	4.15E-07	7.64E-08	2.35E-08	9.99E-08	5.96E-08	1.13E-08	7.09E-08
8404	625349.91	4266011.34	3.88E-07	1.23E-07	5.11E-07	3.24E-07	9.22E-08	4.16E-07	7.67E-08	2.36E-08	1.00E-07	5.98E-08	1.14E-08	7.12E-08
8405	625350.07	4266001.41	3.89E-07	1.24E-07	5.13E-07	3.25E-07	9.25E-08	4.18E-07	7.70E-08	2.37E-08	1.01E-07	6.00E-08	1.14E-08	7.14E-08
8406	625350.23	4265991.47	3.91E-07	1.24E-07	5.15E-07	3.26E-07	9.29E-08	4.19E-07	7.73E-08	2.38E-08	1.01E-07	6.03E-08	1.14E-08	7.17E-08
8407	625350.4	4265981.54	3.92E-07	1.24E-07	5.16E-07	3.28E-07	9.32E-08	4.21E-07	7.76E-08	2.39E-08	1.01E-07	6.05E-08	1.15E-08	7.20E-08
8408	625350.56	4265971.61	3.93E-07	1.25E-07	5.18E-07	3.29E-07	9.35E-08	4.22E-07	7.78E-08	2.39E-08	1.02E-07	6.07E-08	1.15E-08	7.22E-08
8409	625350.72	4265961.67	3.95E-07	1.25E-07	5.20E-07	3.30E-07	9.38E-08	4.24E-07	7.81E-08	2.40E-08	1.02E-07	6.09E-08	1.16E-08	7.24E-08
8410	625350.89	4265951.74	3.96E-07	1.26E-07	5.21E-07	3.31E-07	9.41E-08	4.25E-07	7.83E-08	2.41E-08	1.02E-07	6.11E-08	1.16E-08	7.26E-08
8411	625351.05	4265941.81	3.97E-07	1.26E-07	5.23E-07	3.32E-07	9.43E-08	4.26E-07	7.85E-08	2.41E-08	1.03E-07	6.12E-08	1.16E-08	7.28E-08
8412	625351.21	4265931.87	3.98E-07	1.26E-07	5.24E-07	3.32E-07	9.46E-08	4.27E-07	7.87E-08	2.42E-08	1.03E-07	6.14E-08	1.17E-08	7.30E-08
8413	625351.38	4265921.94	3.99E-07	1.27E-07	5.25E-07	3.33E-07	9.48E-08	4.28E-07	7.89E-08	2.42E-08	1.03E-07	6.15E-08	1.17E-08	7.32E-08
8414	625351.54	4265912.01	3.99E-07	1.27E-07	5.26E-07	3.34E-07	9.49E-08	4.29E-07	7.90E-08	2.43E-08	1.03E-07	6.16E-08	1.17E-08	7.33E-08
8415	625351.7	4265902.07	4.00E-07	1.27E-07	5.27E-07	3.34E-07	9.51E-08	4.29E-07	7.91E-08	2.43E-08	1.03E-07	6.17E-08	1.17E-08	7.34E-08
8416	625351.87	4265892.14	4.00E-07	1.27E-07	5.27E-07	3.35E-07	9.52E-08	4.30E-07	7.92E-08	2.44E-08	1.04E-07	6.18E-08	1.17E-08	7.35E-08
8417	625352.03	4265882.21	4.01E-07	1.27E-07	5.28E-07	3.35E-07	9.53E-08	4.30E-07	7.93E-08	2.44E-08	1.04E-07	6.18E-08	1.17E-08	7.36E-08
8418	625352.19	4265872.27	4.01E-07	1.27E-07	5.28E-07	3.35E-07	9.53E-08	4.30E-07	7.93E-08	2.44E-08	1.04E-07	6.18E-08	1.17E-08	7.36E-08
8419	625352.36	4265862.34	4.01E-07	1.27E-07	5.28E-07	3.35E-07	9.53E-08	4.30E-07	7.94E-08	2.44E-08	1.04E-07	6.19E-08	1.18E-08	7.36E-08
8420	625352.52	4265852.41	4.01E-07	1.27E-07	5.28E-07	3.35E-07	9.54E-08	4.31E-07	7.94E-08	2.44E-08	1.04E-07	6.19E-08	1.18E-08	7.36E-08
8421	625352.69	4265842.47	4.01E-07	1.27E-07	5.29E-07	3.35E-07	9.54E-08	4.31E-07	7.94E-08	2.44E-08	1.04E-07	6.19E-08	1.18E-08	7.37E-08
8422	625352.85	4265832.54	4.01E-07	1.27E-07	5.29E-07	3.35E-07	9.54E-08	4.31E-07	7.94E-08	2.44E-08	1.04E-07	6.19E-08	1.18E-08	7.37E-08
8423	625353.01	4265822.61	4.01E-07	1.27E-07	5.29E-07	3.36E-07	9.55E-08	4.31E-07	7.95E-08	2.44E-08	1.04E-07	6.19E-08	1.18E-08	7.37E-08
8424	625353.18	4265812.67	4.02E-07	1.28E-07	5.29E-07	3.36E-07	9.55E-08	4.31E-07	7.95E-08	2.44E-08	1.04E-07	6.20E-08	1.18E-08	7.38E-08
8425	625353.34	4265802.74	4.02E-07	1.28E-07	5.30E-07	3.36E-07	9.56E-08	4.32E-07	7.96E-08	2.45E-08	1.04E-07	6.21E-08	1.18E-08	7.39E-08
8426	625353.5	4265792.81	4.03E-07	1.28E-07	5.31E-07	3.37E-07	9.58E-08	4.33E-07	7.98E-08	2.45E-08	1.04E-07	6.22E-08	1.18E-08	7.40E-08
8427	625353.67	4265782.87	4.04E-07	1.28E-07	5.32E-07	3.38E-07	9.60E-08	4.34E-07	7.99E-08	2.46E-08	1.04E-07	6.23E-08	1.18E-08	7.41E-08
8428	625353.83	4265772.94	4.05E-07	1.29E-07	5.34E-07	3.38E-07	9.63E-08	4.35E-07	8.02E-08	2.46E-08	1.05E-07	6.25E-08	1.19E-08	7.44E-08
8429	625353.99	4265763.01	4.06E-07	1.29E-07	5.35E-07	3.40E-07	9.66E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
8430	625354.16	4265753.07	4.08E-07	1.30E-07	5.37E-07	3.41E-07	9.70E-08	4.38E-07	8.07E-08	2.48E-08	1.06E-07	6.29E-08	1.20E-08	7.49E-08
8431	625354.32	4265743.14	4.10E-07	1.30E-07	5.40E-07	3.42E-07	9.74E-08	4.40E-07	8.11E-08	2.49E-08	1.06E-07	6.32E-08	1.20E-08	7.52E-08
8432	625354.48	4265733.21	4.12E-07	1.31E-07	5.42E-07	3.44E-07	9.79E-08	4.42E-07	8.15E-08	2.51E-08	1.07E-07	6.35E-08	1.21E-08	7.56E-08

8433	625354.65	4265723.27	4.14E-07	1.31E-07	5.45E-07	3.46E-07	9.84E-08	4.44E-07	8.19E-08	2.52E-08	1.07E-07	6.39E-08	1.21E-08	7.60E-08
8434	625354.81	4265713.34	4.16E-07	1.32E-07	5.48E-07	3.48E-07	9.89E-08	4.47E-07	8.23E-08	2.53E-08	1.08E-07	6.42E-08	1.22E-08	7.64E-08
8435	625354.98	4265703.41	4.18E-07	1.33E-07	5.51E-07	3.50E-07	9.95E-08	4.49E-07	8.28E-08	2.55E-08	1.08E-07	6.45E-08	1.23E-08	7.68E-08
8436	625355.14	4265693.47	4.21E-07	1.34E-07	5.54E-07	3.52E-07	1.00E-07	4.52E-07	8.33E-08	2.56E-08	1.09E-07	6.49E-08	1.23E-08	7.72E-08
8437	625355.3	4265683.54	4.23E-07	1.34E-07	5.57E-07	3.53E-07	1.01E-07	4.54E-07	8.37E-08	2.57E-08	1.09E-07	6.52E-08	1.24E-08	7.76E-08
8438	625385.74	4266188.13	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.24E-08	3.72E-07	6.86E-08	2.11E-08	8.97E-08	5.35E-08	1.02E-08	6.37E-08
8439	625381.84	4266197.11	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.30E-08	3.75E-07	6.91E-08	2.12E-08	9.03E-08	5.39E-08	1.02E-08	6.41E-08
8440	625377.94	4266206.1	3.51E-07	1.12E-07	4.63E-07	2.94E-07	8.35E-08	3.77E-07	6.95E-08	2.14E-08	9.09E-08	5.42E-08	1.03E-08	6.45E-08
8441	625374.04	4266215.09	3.53E-07	1.12E-07	4.65E-07	2.95E-07	8.40E-08	3.79E-07	6.99E-08	2.15E-08	9.14E-08	5.45E-08	1.03E-08	6.48E-08
8442	625370.14	4266224.08	3.55E-07	1.13E-07	4.68E-07	2.97E-07	8.44E-08	3.81E-07	7.02E-08	2.16E-08	9.18E-08	5.48E-08	1.04E-08	6.52E-08
8443	625366.24	4266233.07	3.57E-07	1.13E-07	4.70E-07	2.98E-07	8.48E-08	3.83E-07	7.06E-08	2.17E-08	9.23E-08	5.50E-08	1.05E-08	6.55E-08
8444	625362.34	4266242.05	3.58E-07	1.14E-07	4.72E-07	2.99E-07	8.52E-08	3.85E-07	7.09E-08	2.18E-08	9.27E-08	5.53E-08	1.05E-08	6.58E-08
8445	625358.43	4266251.04	3.60E-07	1.14E-07	4.74E-07	3.01E-07	8.55E-08	3.86E-07	7.12E-08	2.19E-08	9.31E-08	5.55E-08	1.05E-08	6.60E-08
8446	625354.53	4266260.03	3.61E-07	1.15E-07	4.75E-07	3.02E-07	8.58E-08	3.87E-07	7.14E-08	2.20E-08	9.34E-08	5.57E-08	1.06E-08	6.62E-08
8447	625350.63	4266269.02	3.62E-07	1.15E-07	4.77E-07	3.02E-07	8.60E-08	3.88E-07	7.16E-08	2.20E-08	9.36E-08	5.58E-08	1.06E-08	6.64E-08
8448	625346.73	4266278	3.62E-07	1.15E-07	4.78E-07	3.03E-07	8.62E-08	3.89E-07	7.17E-08	2.21E-08	9.38E-08	5.59E-08	1.06E-08	6.66E-08
8449	625342.83	4266286.99	3.63E-07	1.15E-07	4.79E-07	3.04E-07	8.64E-08	3.90E-07	7.19E-08	2.21E-08	9.40E-08	5.60E-08	1.06E-08	6.67E-08
8450	625307.72	4266367.88	3.75E-07	1.19E-07	4.95E-07	3.14E-07	8.93E-08	4.03E-07	7.43E-08	2.28E-08	9.72E-08	5.79E-08	1.10E-08	6.89E-08
8451	625303.82	4266376.87	3.78E-07	1.20E-07	4.98E-07	3.16E-07	8.98E-08	4.05E-07	7.47E-08	2.30E-08	9.77E-08	5.83E-08	1.11E-08	6.93E-08
8452	625299.92	4266385.86	3.80E-07	1.21E-07	5.01E-07	3.18E-07	9.03E-08	4.08E-07	7.52E-08	2.31E-08	9.83E-08	5.86E-08	1.11E-08	6.98E-08
8453	625296.02	4266394.84	3.82E-07	1.21E-07	5.04E-07	3.20E-07	9.09E-08	4.10E-07	7.57E-08	2.33E-08	9.89E-08	5.90E-08	1.12E-08	7.02E-08
8454	625292.12	4266403.83	3.85E-07	1.22E-07	5.07E-07	3.22E-07	9.15E-08	4.13E-07	7.62E-08	2.34E-08	9.96E-08	5.94E-08	1.13E-08	7.07E-08
8455	625288.21	4266412.82	3.88E-07	1.23E-07	5.11E-07	3.24E-07	9.22E-08	4.16E-07	7.67E-08	2.36E-08	1.00E-07	5.98E-08	1.14E-08	7.12E-08
8456	625284.31	4266421.81	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.28E-08	4.19E-07	7.73E-08	2.38E-08	1.01E-07	6.02E-08	1.14E-08	7.17E-08
8457	625280.41	4266430.79	3.93E-07	1.25E-07	5.18E-07	3.29E-07	9.35E-08	4.22E-07	7.78E-08	2.39E-08	1.02E-07	6.07E-08	1.15E-08	7.22E-08
8458	625276.51	4266439.78	3.96E-07	1.26E-07	5.22E-07	3.31E-07	9.41E-08	4.25E-07	7.84E-08	2.41E-08	1.02E-07	6.11E-08	1.16E-08	7.27E-08
8459	625272.61	4266448.77	3.99E-07	1.27E-07	5.25E-07	3.33E-07	9.48E-08	4.28E-07	7.89E-08	2.43E-08	1.03E-07	6.15E-08	1.17E-08	7.32E-08
8460	625268.71	4266457.76	4.02E-07	1.28E-07	5.29E-07	3.36E-07	9.55E-08	4.31E-07	7.95E-08	2.44E-08	1.04E-07	6.20E-08	1.18E-08	7.37E-08
8461	625264.81	4266466.75	4.04E-07	1.28E-07	5.33E-07	3.38E-07	9.62E-08	4.34E-07	8.01E-08	2.46E-08	1.05E-07	6.24E-08	1.19E-08	7.43E-08
8462	625260.91	4266475.73	4.07E-07	1.29E-07	5.36E-07	3.40E-07	9.68E-08	4.37E-07	8.06E-08	2.48E-08	1.05E-07	6.28E-08	1.19E-08	7.48E-08
8463	625257.01	4266484.72	4.10E-07	1.30E-07	5.40E-07	3.43E-07	9.75E-08	4.40E-07	8.11E-08	2.49E-08	1.06E-07	6.32E-08	1.20E-08	7.53E-08
8464	625253.11	4266493.71	4.12E-07	1.31E-07	5.43E-07	3.45E-07	9.81E-08	4.43E-07	8.16E-08	2.51E-08	1.07E-07	6.36E-08	1.21E-08	7.57E-08
8465	625249.2	4266502.7	4.15E-07	1.32E-07	5.47E-07	3.47E-07	9.87E-08	4.46E-07	8.21E-08	2.53E-08	1.07E-07	6.40E-08	1.22E-08	7.62E-08
8466	625245.3	4266511.68	4.17E-07	1.33E-07	5.50E-07	3.49E-07	9.93E-08	4.48E-07	8.26E-08	2.54E-08	1.08E-07	6.44E-08	1.22E-08	7.66E-08
8467	625241.4	4266520.67	4.20E-07	1.33E-07	5.53E-07	3.51E-07	9.98E-08	4.51E-07	8.31E-08	2.55E-08	1.09E-07	6.48E-08	1.23E-08	7.71E-08
8468	625237.5	4266529.66	4.22E-07	1.34E-07	5.56E-07	3.53E-07	1.00E-07	4.53E-07	8.35E-08	2.57E-08	1.09E-07	6.51E-08	1.24E-08	7.75E-08
8469	625233.6	4266538.65	4.24E-07	1.35E-07	5.58E-07	3.54E-07	1.01E-07	4.55E-07	8.39E-08	2.58E-08	1.10E-07	6.54E-08	1.24E-08	7.78E-08
8470	625220.58	4266551.22	4.34E-07	1.38E-07	5.72E-07	3.63E-07	1.03E-07	4.66E-07	8.60E-08	2.64E-08	1.12E-07	6.70E-08	1.27E-08	7.97E-08
8471	625211.47	4266554.82	4.43E-07	1.41E-07	5.84E-07	3.70E-07	1.05E-07	4.76E-07	8.77E-08	2.70E-08	1.15E-07	6.84E-08	1.30E-08	8.13E-08
8472	625202.35	4266558.41	4.52E-07	1.43E-07	5.95E-07	3.78E-07	1.07E-07	4.85E-07	8.94E-08	2.75E-08	1.17E-07	6.97E-08	1.32E-08	8.29E-08
8473	625193.23	4266562	4.61E-07	1.46E-07	6.07E-07	3.85E-07	1.10E-07	4.94E-07	9.12E-08	2.80E-08	1.19E-07	7.11E-08	1.35E-08	8.46E-08
8474	625184.12	4266565.59	4.69E-07	1.49E-07	6.18E-07	3.92E-07	1.12E-07	5.04E-07	9.29E-08	2.86E-08	1.21E-07	7.24E-08	1.38E-08	8.62E-08
8475	625175	4266569.18	4.78E-07	1.52E-07	6.30E-07	4.00E-07	1.14E-07	5.13E-07	9.46E-08	2.91E-08	1.24E-07	7.38E-08	1.40E-08	8.78E-08
8476	625165.88	4266572.77	4.87E-07	1.55E-07	6.42E-07	4.07E-07	1.16E-07	5.23E-07	9.64E-08	2.96E-08	1.26E-07	7.51E-08	1.43E-08	8.94E-08
8477	625156.77	4266576.36	4.96E-07	1.57E-07	6.53E-07	4.14E-07	1.18E-07	5.32E-07	9.81E-08	3.02E-08	1.28E-07	7.65E-08	1.45E-08	9.10E-08
8478	625147.65	4266579.95	5.04E-07	1.60E-07	6.64E-07	4.22E-07	1.20E-07	5.41E-07	9.98E-08	3.07E-08	1.31E-07	7.78E-08	1.48E-08	9.26E-08
8479	625138.54	4266583.54	5.13E-07	1.63E-07	6.76E-07	4.29E-07	1.22E-07	5.51E-07	1.01E-07	3.12E-08	1.33E-07	7.91E-08	1.50E-08	9.42E-08
8480	625129.42	4266587.13	5.21E-07	1.66E-07	6.87E-07	4.36E-07	1.24E-07	5.60E-07	1.03E-07	3.17E-08	1.35E-07	8.04E-08	1.53E-08	9.57E-08
8481	625120.3	4266590.72	5.29E-07	1.68E-07	6.98E-07	4.43E-07	1.26E-07	5.68E-07	1.05E-07	3.22E-08	1.37E-07	8.17E-08	1.55E-08	9.72E-08
8482	625111.19	4266594.31	5.38E-07	1.71E-07	7.08E-07	4.49E-07	1.28E-07	5.77E-07	1.06E-07	3.27E-08	1.39E-07	8.29E-08	1.58E-08	9.87E-08
8483	625102.07	4266597.9	5.45E-07	1.73E-07	7.19E-07	4.56E-07	1.30E-07	5.86E-07	1.08E-07	3.32E-08	1.41E-07	8.42E-08	1.60E-08	1.00E-07
8484	625092.95	4266601.49	5.53E-07	1.76E-07	7.29E-07	4.62E-07	1.32E-07	5.94E-07	1.09E-07	3.37E-08	1.43E-07	8.54E-08	1.62E-08	1.02E-07
8485	625083.84	4266605.08	5.61E-07	1.78E-07	7.39E-07	4.69E-07	1.33E-07	6.02E-07	1.11E-07	3.41E-08	1.45E-07	8.65E-08	1.64E-08	1.03E-07
8486	625074.72	4266608.67	5.68E-07	1.80E-07	7.48E-07	4.75E-07	1.35E-07	6.10E-07	1.12E-07	3.46E-08	1.47E-07	8.77E-08	1.67E-08	1.04E-07
8487	625065.61	4266612.26	5.75E-07	1.83E-07	7.58E-07	4.81E-07	1.37E-07	6.18E-07	1.14E-07	3.50E-08	1.49E-07	8.88E-08	1.69E-08	1.06E-07
8488	625056.49	4266615.85	5.82E-07	1.85E-07	7.67E-07	4.86E-07	1.38E-07	6.25E-07	1.15E-07	3.54E-08	1.51E-07	8.98E-08	1.71E-08	1.07E-07
8489	625047.37	4266619.44	5.89E-07	1.87E-07	7.76E-07	4.92E-07	1.40E-07	6.32E-07	1.17E-07	3.58E-08	1.52E-07	9.08E-08	1.73E-08	1.08E-07
8490	625038.26	4266623.03	5.95E-07	1.89E-07	7.84E-07	4.97E-07	1.41E-07	6.39E-07	1.18E-07	3.62E-08	1.54E-07	9.18E-08	1.74E-08	1.09E-07
8491	625029.14	4266626.62	6.01E-07	1.91E-07	7.91E-07	5.02E-07	1.43E-07	6.45E-07	1.19E-07	3.66E-08	1.55E-07	9.27E-08	1.76E-08	1.10E-07
8492	625020.02	4266630.21	6.06E-07	1.93E-07	7.99E-07	5.07E-07	1.44E-07	6.51E-07	1.20E-07	3.69E-08	1.57E-07	9.35E-08	1.78E-08	1.11E-07
8493	625010.91	4266633.8	6.11E-07	1.94E-07	8.05E-07	5.11E-07	1.45E-07	6.56E-07	1.21E-07	3.72E-08	1.58E-07	9.43E-08	1.79E-08	1.12E-07
8494	625001.79	4266637.39	6.16E-07	1.96E-07	8.12E-07	5.15E-07	1.46E-07	6.61E-07	1.22E-07	3.75E-08	1.59E-07	9.51E-08	1.81E-08	1.13E-07
8495	624992.68	4266640.99	6.20E-07	1.97E-07	8.17E-07	5.19E-07	1.48E-07	6.66E-07	1.23E-07	3.77E-08	1.61E-07	9.57E-08	1.82E-08	1.14E-07
8496	624983.56	4266644.58	6.24E-07	1.98E-07	8.23E-07	5.22E-07	1.48E-07	6.70E-07	1.24E-07	3.80E-08	1.62E-07	9.63E-08	1.83E-08	1.15E-07
8497	624974.44	4266648.17	6.28E-07	1.99E-07	8.27E-07	5.25E-07	1.49E-07	6.74E-07	1.24E-07	3.82E-08	1.62E-07	9.69E-08	1.84E-08	1.15E-07
8498	624965.33	4266651.76	6.31E-07	2.00E-07	8.31E-07	5.27E-07	1.50E-07	6.77E-07	1.25E-07	3.84E-08	1.63E-07	9.73E-08	1.85E-08	1.16E-07
8499	624956.21	4266655.35	6.34E-07	2.01E-07	8.35E-07	5.30E-07	1.51E-07	6.80E-07	1.25E-07	3.85E-08	1.64E-07	9.78E-08	1.86E-08	1.16E-07
8500	624947.09	4266658.94	6.36E-07	2.02E-07	8.38E-07	5.31E-07	1.51E-07	6.82E-07	1.26E-07	3.87E-08	1.65E-07	9.81E-08	1.86E-08	1.17E-07
8501	624937.98	4266662.53	6.37E-07	2.02E-07	8.40E-07	5.33E-07	1.52E-07	6.84E-07	1.26E-07	3.88E-08	1.65E-07	9.84E-08	1.87E-08	1.17E-07
8502	624928.86	4266666.12	6.39E-07	2.03E-07	8.42E-07	5.34E-07	1.52E-07	6.86E-07	1.26E-07	3.89E-08	1.65E-07	9.86E-08	1.87E-08	1.17E-07
8503	624919.75	4266669.71	6.40E-07	2.03E-07	8.43E-07	5.35E-07	1.52E-07	6.87E-07	1.27E-07	3.89E-08	1.66E-07	9.87E-08	1.87E-08	1.17E-07
8504	624910.63	4266673.3	6.40E-07	2.03E-07	8.43E-07	5.35E-07	1.52E-07	6.87E-07	1.27E-07	3.89E-08	1.66E-07	9.87E-08	1.88E-08	1.17E-07
8505	624901.51	4266676.89	6.40E-07	2.03E-07	8.43E-07	5.35E-07	1.52E-07	6.87E-07	1.27E-07	3.89E-08	1.66E-07	9.87E-08	1.88E-08	1.17E-07
8506	624892.4	4266680.48	6.39E-07	2.03E-07	8.42E-07	5.34E-07	1.52E-07	6.86E-07	1.27E-07	3.89E-08	1.65E-07	9.87E-08	1.87E-08	1.17E-07

8507	624883.28	4266684.07	6.39E-07	2.03E-07	8.41E-07	5.34E-07	1.52E-07	6.86E-07	1.26E-07	3.89E-08	1.65E-07	9.85E-08	1.87E-08	1.17E-07
8508	624874.16	4266687.66	6.37E-07	2.02E-07	8.40E-07	5.33E-07	1.52E-07	6.84E-07	1.26E-07	3.88E-08	1.65E-07	9.83E-08	1.87E-08	1.17E-07
8509	624865.05	4266691.25	6.36E-07	2.02E-07	8.38E-07	5.31E-07	1.51E-07	6.83E-07	1.26E-07	3.87E-08	1.65E-07	9.81E-08	1.86E-08	1.17E-07
8510	624855.93	4266694.84	6.34E-07	2.01E-07	8.35E-07	5.30E-07	1.51E-07	6.81E-07	1.25E-07	3.86E-08	1.64E-07	9.78E-08	1.86E-08	1.16E-07
8511	624846.82	4266698.43	6.32E-07	2.01E-07	8.33E-07	5.28E-07	1.50E-07	6.78E-07	1.25E-07	3.85E-08	1.64E-07	9.75E-08	1.85E-08	1.16E-07
8512	625397.61	4266151.23	3.39E-07	1.08E-07	4.47E-07	2.83E-07	8.06E-08	3.64E-07	6.71E-08	2.06E-08	8.78E-08	5.23E-08	9.94E-09	6.23E-08
8513	625397.77	4266141.3	3.39E-07	1.08E-07	4.47E-07	2.84E-07	8.07E-08	3.64E-07	6.72E-08	2.06E-08	8.78E-08	5.23E-08	9.94E-09	6.23E-08
8514	625397.94	4266131.36	3.39E-07	1.08E-07	4.47E-07	2.84E-07	8.07E-08	3.64E-07	6.72E-08	2.06E-08	8.78E-08	5.24E-08	9.95E-09	6.23E-08
8515	625398.1	4266121.43	3.39E-07	1.08E-07	4.47E-07	2.84E-07	8.07E-08	3.64E-07	6.72E-08	2.07E-08	8.78E-08	5.24E-08	9.95E-09	6.23E-08
8516	625398.26	4266111.5	3.40E-07	1.08E-07	4.47E-07	2.84E-07	8.07E-08	3.65E-07	6.72E-08	2.07E-08	8.79E-08	5.24E-08	9.95E-09	6.23E-08
8517	625398.43	4266101.56	3.40E-07	1.08E-07	4.48E-07	2.84E-07	8.08E-08	3.65E-07	6.72E-08	2.07E-08	8.79E-08	5.24E-08	9.96E-09	6.24E-08
8518	625398.59	4266091.63	3.40E-07	1.08E-07	4.48E-07	2.84E-07	8.08E-08	3.65E-07	6.73E-08	2.07E-08	8.80E-08	5.25E-08	9.96E-09	6.24E-08
8519	625398.75	4266081.7	3.40E-07	1.08E-07	4.48E-07	2.84E-07	8.09E-08	3.65E-07	6.74E-08	2.07E-08	8.81E-08	5.25E-08	9.98E-09	6.25E-08
8520	625398.92	4266071.76	3.41E-07	1.08E-07	4.49E-07	2.85E-07	8.11E-08	3.66E-07	6.75E-08	2.07E-08	8.82E-08	5.26E-08	9.99E-09	6.26E-08
8521	625399.08	4266061.83	3.42E-07	1.09E-07	4.50E-07	2.86E-07	8.12E-08	3.67E-07	6.76E-08	2.08E-08	8.84E-08	5.27E-08	1.00E-08	6.27E-08
8522	625399.24	4266051.9	3.42E-07	1.09E-07	4.51E-07	2.86E-07	8.14E-08	3.68E-07	6.78E-08	2.08E-08	8.86E-08	5.28E-08	1.00E-08	6.29E-08
8523	625399.41	4266041.96	3.43E-07	1.09E-07	4.52E-07	2.87E-07	8.16E-08	3.69E-07	6.80E-08	2.09E-08	8.89E-08	5.30E-08	1.01E-08	6.30E-08
8524	625399.57	4266032.03	3.44E-07	1.09E-07	4.54E-07	2.88E-07	8.18E-08	3.70E-07	6.81E-08	2.09E-08	8.91E-08	5.31E-08	1.01E-08	6.32E-08
8525	625399.74	4266022.1	3.45E-07	1.10E-07	4.55E-07	2.89E-07	8.21E-08	3.71E-07	6.83E-08	2.10E-08	8.93E-08	5.33E-08	1.01E-08	6.34E-08
8526	625399.9	4266012.16	3.46E-07	1.10E-07	4.56E-07	2.89E-07	8.23E-08	3.72E-07	6.85E-08	2.11E-08	8.96E-08	5.34E-08	1.01E-08	6.36E-08
8527	625400.06	4266002.23	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.25E-08	3.73E-07	6.87E-08	2.11E-08	8.98E-08	5.36E-08	1.02E-08	6.37E-08
8528	625400.23	4265992.3	3.48E-07	1.11E-07	4.59E-07	2.91E-07	8.27E-08	3.74E-07	6.89E-08	2.12E-08	9.01E-08	5.37E-08	1.02E-08	6.39E-08
8529	625400.39	4265982.36	3.49E-07	1.11E-07	4.60E-07	2.92E-07	8.30E-08	3.75E-07	6.91E-08	2.12E-08	9.03E-08	5.38E-08	1.02E-08	6.41E-08
8530	625400.55	4265972.43	3.50E-07	1.11E-07	4.61E-07	2.92E-07	8.32E-08	3.76E-07	6.92E-08	2.13E-08	9.05E-08	5.40E-08	1.03E-08	6.42E-08
8531	625400.72	4265962.5	3.51E-07	1.11E-07	4.62E-07	2.93E-07	8.34E-08	3.76E-07	6.94E-08	2.13E-08	9.07E-08	5.41E-08	1.03E-08	6.44E-08
8532	625400.88	4265952.56	3.51E-07	1.12E-07	4.63E-07	2.94E-07	8.35E-08	3.77E-07	6.95E-08	2.14E-08	9.09E-08	5.42E-08	1.03E-08	6.45E-08
8533	625401.04	4265942.63	3.52E-07	1.12E-07	4.64E-07	2.94E-07	8.37E-08	3.78E-07	6.97E-08	2.14E-08	9.11E-08	5.43E-08	1.03E-08	6.46E-08
8534	625401.21	4265932.7	3.52E-07	1.12E-07	4.64E-07	2.95E-07	8.38E-08	3.78E-07	6.98E-08	2.14E-08	9.12E-08	5.44E-08	1.03E-08	6.47E-08
8535	625401.37	4265922.76	3.53E-07	1.12E-07	4.65E-07	2.95E-07	8.39E-08	3.79E-07	6.99E-08	2.15E-08	9.13E-08	5.45E-08	1.03E-08	6.48E-08
8536	625401.53	4265912.83	3.53E-07	1.12E-07	4.65E-07	2.95E-07	8.40E-08	3.79E-07	6.99E-08	2.15E-08	9.14E-08	5.45E-08	1.04E-08	6.49E-08
8537	625401.7	4265902.9	3.53E-07	1.12E-07	4.66E-07	2.95E-07	8.40E-08	3.79E-07	7.00E-08	2.15E-08	9.15E-08	5.45E-08	1.04E-08	6.49E-08
8538	625401.86	4265892.96	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.41E-08	3.80E-07	7.00E-08	2.15E-08	9.15E-08	5.46E-08	1.04E-08	6.49E-08
8539	625402.02	4265883.03	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.41E-08	3.80E-07	7.00E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
8540	625402.19	4265873.1	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.41E-08	3.80E-07	7.00E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
8541	625402.35	4265863.16	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.41E-08	3.80E-07	7.00E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
8542	625402.52	4265853.23	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.41E-08	3.80E-07	7.00E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
8543	625402.68	4265843.3	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.41E-08	3.80E-07	7.00E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
8544	625402.84	4265833.36	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.41E-08	3.80E-07	7.00E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
8545	625403.01	4265823.43	3.54E-07	1.12E-07	4.66E-07	2.96E-07	8.42E-08	3.80E-07	7.01E-08	2.15E-08	9.16E-08	5.46E-08	1.04E-08	6.50E-08
8546	625403.17	4265813.5	3.54E-07	1.13E-07	4.67E-07	2.96E-07	8.43E-08	3.80E-07	7.01E-08	2.16E-08	9.17E-08	5.47E-08	1.04E-08	6.51E-08
8547	625403.33	4265803.56	3.55E-07	1.13E-07	4.68E-07	2.97E-07	8.44E-08	3.81E-07	7.02E-08	2.16E-08	9.18E-08	5.48E-08	1.04E-08	6.52E-08
8548	625403.5	4265793.63	3.56E-07	1.13E-07	4.68E-07	2.97E-07	8.45E-08	3.82E-07	7.04E-08	2.16E-08	9.20E-08	5.49E-08	1.04E-08	6.53E-08
8549	625403.66	4265783.7	3.56E-07	1.13E-07	4.70E-07	2.98E-07	8.48E-08	3.83E-07	7.06E-08	2.17E-08	9.22E-08	5.50E-08	1.04E-08	6.55E-08
8550	625403.82	4265773.76	3.58E-07	1.14E-07	4.71E-07	2.99E-07	8.50E-08	3.84E-07	7.08E-08	2.18E-08	9.25E-08	5.52E-08	1.05E-08	6.57E-08
8551	625403.99	4265763.83	3.59E-07	1.14E-07	4.73E-07	3.00E-07	8.53E-08	3.85E-07	7.10E-08	2.18E-08	9.29E-08	5.54E-08	1.05E-08	6.59E-08
8552	625404.15	4265753.9	3.60E-07	1.14E-07	4.75E-07	3.01E-07	8.57E-08	3.87E-07	7.14E-08	2.19E-08	9.33E-08	5.56E-08	1.06E-08	6.62E-08
8553	625404.31	4265743.96	3.62E-07	1.15E-07	4.77E-07	3.03E-07	8.61E-08	3.89E-07	7.17E-08	2.20E-08	9.37E-08	5.59E-08	1.06E-08	6.65E-08
8554	625404.48	4265734.03	3.64E-07	1.16E-07	4.80E-07	3.04E-07	8.66E-08	3.91E-07	7.21E-08	2.22E-08	9.42E-08	5.62E-08	1.07E-08	6.68E-08
8555	625404.64	4265724.1	3.66E-07	1.16E-07	4.82E-07	3.06E-07	8.70E-08	3.93E-07	7.25E-08	2.23E-08	9.47E-08	5.65E-08	1.07E-08	6.72E-08
8556	625404.8	4265714.16	3.68E-07	1.17E-07	4.85E-07	3.08E-07	8.75E-08	3.95E-07	7.29E-08	2.24E-08	9.53E-08	5.68E-08	1.08E-08	6.76E-08
8557	625404.97	4265704.23	3.70E-07	1.18E-07	4.88E-07	3.09E-07	8.80E-08	3.98E-07	7.33E-08	2.25E-08	9.58E-08	5.71E-08	1.09E-08	6.80E-08
8558	625405.13	4265694.3	3.72E-07	1.18E-07	4.91E-07	3.11E-07	8.85E-08	4.00E-07	7.37E-08	2.27E-08	9.64E-08	5.75E-08	1.09E-08	6.84E-08
8559	625405.3	4265684.36	3.74E-07	1.19E-07	4.93E-07	3.13E-07	8.90E-08	4.02E-07	7.41E-08	2.28E-08	9.69E-08	5.78E-08	1.10E-08	6.87E-08
8560	625435.76	4266188.9	3.14E-07	9.96E-08	4.13E-07	2.62E-07	7.46E-08	3.37E-07	6.21E-08	1.91E-08	8.12E-08	4.84E-08	9.19E-09	5.76E-08
8561	625431.86	4266197.87	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.50E-08	3.39E-07	6.25E-08	1.92E-08	8.17E-08	4.87E-08	9.25E-09	5.79E-08
8562	625427.97	4266206.84	3.17E-07	1.01E-07	4.18E-07	2.65E-07	7.55E-08	3.41E-07	6.28E-08	1.93E-08	8.21E-08	4.90E-08	9.30E-09	5.83E-08
8563	625424.08	4266215.81	3.19E-07	1.01E-07	4.20E-07	2.67E-07	7.59E-08	3.43E-07	6.32E-08	1.94E-08	8.26E-08	4.92E-08	9.35E-09	5.86E-08
8564	625420.18	4266224.78	3.21E-07	1.02E-07	4.22E-07	2.68E-07	7.62E-08	3.44E-07	6.35E-08	1.95E-08	8.30E-08	4.95E-08	9.40E-09	5.89E-08
8565	625416.29	4266233.75	3.22E-07	1.02E-07	4.24E-07	2.69E-07	7.65E-08	3.46E-07	6.37E-08	1.96E-08	8.33E-08	4.97E-08	9.43E-09	5.91E-08
8566	625412.4	4266242.72	3.23E-07	1.03E-07	4.26E-07	2.70E-07	7.68E-08	3.47E-07	6.39E-08	1.97E-08	8.36E-08	4.98E-08	9.47E-09	5.93E-08
8567	625408.5	4266251.69	3.24E-07	1.03E-07	4.27E-07	2.71E-07	7.70E-08	3.48E-07	6.41E-08	1.97E-08	8.38E-08	5.00E-08	9.49E-09	5.95E-08
8568	625404.61	4266260.66	3.25E-07	1.03E-07	4.28E-07	2.72E-07	7.72E-08	3.49E-07	6.43E-08	1.98E-08	8.41E-08	5.01E-08	9.52E-09	5.96E-08
8569	625400.72	4266269.63	3.26E-07	1.03E-07	4.29E-07	2.72E-07	7.74E-08	3.50E-07	6.44E-08	1.98E-08	8.43E-08	5.02E-08	9.54E-09	5.98E-08
8570	625396.82	4266278.6	3.26E-07	1.04E-07	4.30E-07	2.73E-07	7.76E-08	3.50E-07	6.46E-08	1.98E-08	8.44E-08	5.03E-08	9.56E-09	5.99E-08
8571	625392.93	4266287.57	3.27E-07	1.04E-07	4.30E-07	2.73E-07	7.77E-08	3.51E-07	6.47E-08	1.99E-08	8.45E-08	5.04E-08	9.57E-09	6.00E-08
8572	625357.89	4266368.3	3.33E-07	1.06E-07	4.38E-07	2.78E-07	7.91E-08	3.57E-07	6.59E-08	2.02E-08	8.61E-08	5.13E-08	9.75E-09	6.11E-08
8573	625353.99	4266377.27	3.34E-07	1.06E-07	4.40E-07	2.79E-07	7.95E-08	3.59E-07	6.61E-08	2.03E-08	8.65E-08	5.16E-08	9.79E-09	6.14E-08
8574	625350.1	4266386.24	3.36E-07	1.07E-07	4.42E-07	2.81E-07	7.98E-08	3.61E-07	6.65E-08	2.04E-08	8.69E-08	5.18E-08	9.84E-09	6.17E-08
8575	625346.21	4266395.21	3.38E-07	1.07E-07	4.45E-07	2.82E-07	8.03E-08	3.62E-07	6.68E-08	2.05E-08	8.74E-08	5.21E-08	9.89E-09	6.20E-08
8576	625342.31	4266404.19	3.39E-07	1.08E-07	4.47E-07	2.84E-07	8.07E-08	3.64E-07	6.72E-08	2.07E-08	8.79E-08	5.24E-08	9.95E-09	6.23E-08
8577	625338.42	4266413.16	3.42E-07	1.08E-07	4.50E-07	2.85E-07	8.12E-08	3.67E-07	6.76E-08	2.08E-08	8.84E-08	5.27E-08	1.00E-08	6.27E-08
8578	625334.53	4266422.13	3.44E-07	1.09E-07	4.53E-07	2.87E-07	8.17E-08	3.69E-07	6.80E-08	2.09E-08	8.90E-08	5.30E-08	1.01E-08	6.31E-08
8579	625330.63	4266431.1	3.46E-07	1.10E-07	4.56E-07	2.89E-07	8.23E-08	3.71E-07	6.85E-08	2.11E-08	8.95E-08	5.34E-08	1.01E-08	6.35E-08
8580	625326.74	4266440.07	3.48E-07	1.11E-07	4.59E-07	2.91E-07	8.28E-08	3.74E-07	6.90E-08	2.12E-08	9.02E-08	5.38E-08	1.02E-08	6.40E-08

8581	625322.85	4266449.04	3.51E-07	1.11E-07	4.62E-07	2.93E-07	8.34E-08	3.77E-07	6.94E-08	2.13E-08	9.08E-08	5.41E-08	1.03E-08	6.44E-08
8582	625318.95	4266458.01	3.53E-07	1.12E-07	4.66E-07	2.95E-07	8.40E-08	3.79E-07	6.99E-08	2.15E-08	9.14E-08	5.45E-08	1.04E-08	6.49E-08
8583	625315.06	4266466.98	3.56E-07	1.13E-07	4.69E-07	2.97E-07	8.46E-08	3.82E-07	7.04E-08	2.17E-08	9.21E-08	5.49E-08	1.04E-08	6.53E-08
8584	625311.16	4266475.95	3.58E-07	1.14E-07	4.72E-07	3.00E-07	8.52E-08	3.85E-07	7.09E-08	2.18E-08	9.27E-08	5.53E-08	1.05E-08	6.58E-08
8585	625307.27	4266484.92	3.61E-07	1.15E-07	4.76E-07	3.02E-07	8.58E-08	3.87E-07	7.14E-08	2.20E-08	9.34E-08	5.57E-08	1.06E-08	6.63E-08
8586	625303.38	4266493.89	3.63E-07	1.15E-07	4.79E-07	3.04E-07	8.64E-08	3.90E-07	7.19E-08	2.21E-08	9.40E-08	5.61E-08	1.07E-08	6.67E-08
8587	625299.48	4266502.86	3.66E-07	1.16E-07	4.82E-07	3.06E-07	8.70E-08	3.93E-07	7.24E-08	2.23E-08	9.47E-08	5.65E-08	1.07E-08	6.72E-08
8588	625295.59	4266511.83	3.68E-07	1.17E-07	4.85E-07	3.08E-07	8.76E-08	3.95E-07	7.29E-08	2.24E-08	9.53E-08	5.68E-08	1.08E-08	6.76E-08
8589	625291.7	4266520.8	3.71E-07	1.18E-07	4.88E-07	3.10E-07	8.81E-08	3.98E-07	7.34E-08	2.26E-08	9.59E-08	5.72E-08	1.09E-08	6.81E-08
8590	625287.8	4266529.77	3.73E-07	1.18E-07	4.91E-07	3.12E-07	8.87E-08	4.00E-07	7.38E-08	2.27E-08	9.65E-08	5.75E-08	1.09E-08	6.85E-08
8591	625283.91	4266538.74	3.75E-07	1.19E-07	4.94E-07	3.14E-07	8.92E-08	4.03E-07	7.42E-08	2.28E-08	9.71E-08	5.79E-08	1.10E-08	6.89E-08
8592	625280.02	4266547.71	3.77E-07	1.20E-07	4.97E-07	3.15E-07	8.97E-08	4.05E-07	7.47E-08	2.30E-08	9.76E-08	5.82E-08	1.11E-08	6.93E-08
8593	625276.12	4266556.68	3.79E-07	1.20E-07	5.00E-07	3.17E-07	9.02E-08	4.07E-07	7.50E-08	2.31E-08	9.81E-08	5.85E-08	1.11E-08	6.96E-08
8594	625272.23	4266565.65	3.81E-07	1.21E-07	5.02E-07	3.18E-07	9.06E-08	4.09E-07	7.54E-08	2.32E-08	9.86E-08	5.88E-08	1.12E-08	7.00E-08
8595	625268.34	4266574.62	3.83E-07	1.22E-07	5.04E-07	3.20E-07	9.10E-08	4.11E-07	7.58E-08	2.33E-08	9.91E-08	5.91E-08	1.12E-08	7.03E-08
8596	625255.34	4266587.17	3.92E-07	1.24E-07	5.16E-07	3.27E-07	9.31E-08	4.21E-07	7.75E-08	2.38E-08	1.01E-07	6.04E-08	1.15E-08	7.19E-08
8597	625246.24	4266590.76	3.99E-07	1.27E-07	5.26E-07	3.34E-07	9.49E-08	4.28E-07	7.90E-08	2.43E-08	1.03E-07	6.16E-08	1.17E-08	7.33E-08
8598	625237.15	4266594.34	4.06E-07	1.29E-07	5.35E-07	3.40E-07	9.66E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
8599	625228.05	4266597.93	4.14E-07	1.31E-07	5.45E-07	3.46E-07	9.84E-08	4.44E-07	8.19E-08	2.52E-08	1.07E-07	6.39E-08	1.21E-08	7.60E-08
8600	625218.95	4266601.51	4.21E-07	1.34E-07	5.55E-07	3.52E-07	1.00E-07	4.52E-07	8.34E-08	2.56E-08	1.09E-07	6.50E-08	1.23E-08	7.73E-08
8601	625209.85	4266605.09	4.29E-07	1.36E-07	5.65E-07	3.58E-07	1.02E-07	4.60E-07	8.48E-08	2.61E-08	1.11E-07	6.61E-08	1.26E-08	7.87E-08
8602	625200.75	4266608.68	4.36E-07	1.38E-07	5.75E-07	3.64E-07	1.04E-07	4.68E-07	8.63E-08	2.65E-08	1.13E-07	6.73E-08	1.28E-08	8.01E-08
8603	625191.65	4266612.26	4.43E-07	1.41E-07	5.84E-07	3.71E-07	1.05E-07	4.76E-07	8.78E-08	2.70E-08	1.15E-07	6.84E-08	1.30E-08	8.14E-08
8604	625182.55	4266615.84	4.51E-07	1.43E-07	5.94E-07	3.77E-07	1.07E-07	4.84E-07	8.92E-08	2.74E-08	1.17E-07	6.96E-08	1.32E-08	8.28E-08
8605	625173.46	4266619.43	4.58E-07	1.45E-07	6.03E-07	3.83E-07	1.09E-07	4.92E-07	9.07E-08	2.79E-08	1.19E-07	7.07E-08	1.34E-08	8.41E-08
8606	625164.36	4266623.01	4.65E-07	1.48E-07	6.13E-07	3.89E-07	1.11E-07	4.99E-07	9.21E-08	2.83E-08	1.20E-07	7.18E-08	1.36E-08	8.54E-08
8607	625155.26	4266626.59	4.72E-07	1.50E-07	6.22E-07	3.95E-07	1.12E-07	5.07E-07	9.35E-08	2.87E-08	1.22E-07	7.29E-08	1.38E-08	8.67E-08
8608	625146.16	4266630.18	4.79E-07	1.52E-07	6.31E-07	4.00E-07	1.14E-07	5.14E-07	9.48E-08	2.92E-08	1.24E-07	7.39E-08	1.40E-08	8.80E-08
8609	625137.06	4266633.76	4.86E-07	1.54E-07	6.40E-07	4.06E-07	1.16E-07	5.22E-07	9.62E-08	2.96E-08	1.26E-07	7.50E-08	1.42E-08	8.92E-08
8610	625127.96	4266637.34	4.93E-07	1.56E-07	6.49E-07	4.12E-07	1.17E-07	5.29E-07	9.75E-08	3.00E-08	1.27E-07	7.60E-08	1.44E-08	9.04E-08
8611	625118.86	4266640.93	4.99E-07	1.59E-07	6.58E-07	4.17E-07	1.19E-07	5.36E-07	9.88E-08	3.04E-08	1.29E-07	7.70E-08	1.46E-08	9.16E-08
8612	625109.77	4266644.51	5.05E-07	1.61E-07	6.66E-07	4.22E-07	1.20E-07	5.43E-07	1.00E-07	3.08E-08	1.31E-07	7.80E-08	1.48E-08	9.28E-08
8613	625100.67	4266648.09	5.12E-07	1.62E-07	6.74E-07	4.28E-07	1.22E-07	5.49E-07	1.01E-07	3.11E-08	1.32E-07	7.89E-08	1.50E-08	9.39E-08
8614	625091.57	4266651.68	5.18E-07	1.64E-07	6.82E-07	4.33E-07	1.23E-07	5.56E-07	1.02E-07	3.15E-08	1.34E-07	7.99E-08	1.52E-08	9.50E-08
8615	625082.47	4266655.26	5.23E-07	1.66E-07	6.90E-07	4.38E-07	1.24E-07	5.62E-07	1.04E-07	3.18E-08	1.35E-07	8.08E-08	1.53E-08	9.61E-08
8616	625073.37	4266658.84	5.29E-07	1.68E-07	6.97E-07	4.42E-07	1.26E-07	5.68E-07	1.05E-07	3.22E-08	1.37E-07	8.16E-08	1.55E-08	9.71E-08
8617	625064.27	4266662.43	5.34E-07	1.70E-07	7.04E-07	4.47E-07	1.27E-07	5.74E-07	1.06E-07	3.25E-08	1.38E-07	8.24E-08	1.57E-08	9.81E-08
8618	625055.17	4266666.01	5.39E-07	1.71E-07	7.11E-07	4.51E-07	1.28E-07	5.79E-07	1.07E-07	3.28E-08	1.40E-07	8.32E-08	1.58E-08	9.90E-08
8619	625046.08	4266669.59	5.44E-07	1.73E-07	7.17E-07	4.55E-07	1.29E-07	5.84E-07	1.08E-07	3.31E-08	1.41E-07	8.40E-08	1.59E-08	9.99E-08
8620	625036.98	4266673.18	5.49E-07	1.74E-07	7.23E-07	4.59E-07	1.30E-07	5.89E-07	1.09E-07	3.34E-08	1.42E-07	8.46E-08	1.61E-08	1.01E-07
8621	625027.88	4266676.76	5.53E-07	1.76E-07	7.28E-07	4.62E-07	1.31E-07	5.93E-07	1.09E-07	3.36E-08	1.43E-07	8.53E-08	1.62E-08	1.01E-07
8622	625018.78	4266680.34	5.57E-07	1.77E-07	7.33E-07	4.65E-07	1.32E-07	5.98E-07	1.10E-07	3.39E-08	1.44E-07	8.59E-08	1.63E-08	1.02E-07
8623	625009.68	4266683.93	5.60E-07	1.78E-07	7.38E-07	4.68E-07	1.33E-07	6.01E-07	1.11E-07	3.41E-08	1.45E-07	8.64E-08	1.64E-08	1.03E-07
8624	625000.58	4266687.51	5.63E-07	1.79E-07	7.42E-07	4.71E-07	1.34E-07	6.05E-07	1.11E-07	3.43E-08	1.46E-07	8.69E-08	1.65E-08	1.03E-07
8625	624991.48	4266691.1	5.66E-07	1.80E-07	7.46E-07	4.73E-07	1.35E-07	6.08E-07	1.12E-07	3.44E-08	1.46E-07	8.73E-08	1.66E-08	1.04E-07
8626	624982.38	4266694.68	5.69E-07	1.81E-07	7.49E-07	4.75E-07	1.35E-07	6.10E-07	1.13E-07	3.46E-08	1.47E-07	8.77E-08	1.67E-08	1.04E-07
8627	624973.29	4266698.26	5.71E-07	1.81E-07	7.52E-07	4.77E-07	1.36E-07	6.13E-07	1.13E-07	3.47E-08	1.48E-07	8.81E-08	1.67E-08	1.05E-07
8628	624964.19	4266701.85	5.73E-07	1.82E-07	7.54E-07	4.79E-07	1.36E-07	6.15E-07	1.13E-07	3.48E-08	1.48E-07	8.84E-08	1.68E-08	1.05E-07
8629	624955.09	4266705.43	5.74E-07	1.82E-07	7.56E-07	4.80E-07	1.36E-07	6.16E-07	1.14E-07	3.49E-08	1.49E-07	8.86E-08	1.68E-08	1.05E-07
8630	624945.99	4266709.01	5.75E-07	1.83E-07	7.58E-07	4.81E-07	1.37E-07	6.18E-07	1.14E-07	3.50E-08	1.49E-07	8.88E-08	1.69E-08	1.06E-07
8631	624936.89	4266712.6	5.76E-07	1.83E-07	7.59E-07	4.81E-07	1.37E-07	6.18E-07	1.14E-07	3.50E-08	1.49E-07	8.89E-08	1.69E-08	1.06E-07
8632	624927.79	4266716.18	5.76E-07	1.83E-07	7.59E-07	4.82E-07	1.37E-07	6.19E-07	1.14E-07	3.51E-08	1.49E-07	8.89E-08	1.69E-08	1.06E-07
8633	624918.69	4266719.76	5.76E-07	1.83E-07	7.59E-07	4.82E-07	1.37E-07	6.19E-07	1.14E-07	3.51E-08	1.49E-07	8.89E-08	1.69E-08	1.06E-07
8634	624909.6	4266723.35	5.76E-07	1.83E-07	7.59E-07	4.81E-07	1.37E-07	6.18E-07	1.14E-07	3.50E-08	1.49E-07	8.89E-08	1.69E-08	1.06E-07
8635	624900.5	4266726.93	5.75E-07	1.83E-07	7.58E-07	4.81E-07	1.37E-07	6.18E-07	1.14E-07	3.50E-08	1.49E-07	8.88E-08	1.69E-08	1.06E-07
8636	624891.4	4266730.51	5.74E-07	1.82E-07	7.57E-07	4.80E-07	1.37E-07	6.17E-07	1.14E-07	3.49E-08	1.49E-07	8.86E-08	1.68E-08	1.05E-07
8637	624882.3	4266734.1	5.73E-07	1.82E-07	7.55E-07	4.79E-07	1.36E-07	6.15E-07	1.13E-07	3.49E-08	1.48E-07	8.84E-08	1.68E-08	1.05E-07
8638	624873.2	4266737.68	5.71E-07	1.81E-07	7.53E-07	4.78E-07	1.36E-07	6.14E-07	1.13E-07	3.48E-08	1.48E-07	8.82E-08	1.67E-08	1.05E-07
8639	624864.1	4266741.26	5.70E-07	1.81E-07	7.51E-07	4.76E-07	1.35E-07	6.12E-07	1.13E-07	3.47E-08	1.47E-07	8.79E-08	1.67E-08	1.05E-07
8640	624855	4266744.85	5.68E-07	1.80E-07	7.48E-07	4.75E-07	1.35E-07	6.10E-07	1.12E-07	3.45E-08	1.47E-07	8.76E-08	1.66E-08	1.04E-07
8641	624845.91	4266748.43	5.66E-07	1.80E-07	7.45E-07	4.73E-07	1.34E-07	6.07E-07	1.12E-07	3.44E-08	1.46E-07	8.73E-08	1.66E-08	1.04E-07
8642	625447.44	4266161.99	3.07E-07	9.76E-08	4.05E-07	2.57E-07	7.31E-08	3.30E-07	6.08E-08	1.87E-08	7.96E-08	4.74E-08	9.01E-09	5.64E-08
8643	625447.6	4266152.05	3.07E-07	9.76E-08	4.05E-07	2.57E-07	7.31E-08	3.30E-07	6.08E-08	1.87E-08	7.96E-08	4.74E-08	9.01E-09	5.64E-08
8644	625447.77	4266142.12	3.07E-07	9.76E-08	4.05E-07	2.57E-07	7.31E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.01E-09	5.64E-08
8645	625447.93	4266132.19	3.07E-07	9.76E-08	4.05E-07	2.57E-07	7.31E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.01E-09	5.64E-08
8646	625448.09	4266122.25	3.07E-07	9.76E-08	4.05E-07	2.57E-07	7.31E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.01E-09	5.64E-08
8647	625448.26	4266112.32	3.07E-07	9.76E-08	4.05E-07	2.57E-07	7.31E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.01E-09	5.64E-08
8648	625448.42	4266102.39	3.07E-07	9.76E-08	4.05E-07	2.57E-07	7.31E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.01E-09	5.64E-08
8649	625448.58	4266092.45	3.08E-07	9.77E-08	4.05E-07	2.57E-07	7.31E-08	3.30E-07	6.09E-08	1.87E-08	7.96E-08	4.75E-08	9.01E-09	5.65E-08
8650	625448.75	4266082.52	3.08E-07	9.77E-08	4.06E-07	2.57E-07	7.32E-08	3.30E-07	6.09E-08	1.87E-08	7.96E-08	4.75E-08	9.02E-09	5.65E-08
8651	625448.91	4266072.59	3.08E-07	9.79E-08	4.06E-07	2.58E-07	7.33E-08	3.31E-07	6.10E-08	1.88E-08	7.97E-08	4.75E-08	9.03E-09	5.66E-08
8652	625449.07	4266062.65	3.09E-07	9.80E-08	4.07E-07	2.58E-07	7.34E-08	3.31E-07	6.11E-08	1.88E-08	7.99E-08	4.76E-08	9.04E-09	5.67E-08
8653	625449.24	4266052.72	3.09E-07	9.82E-08	4.07E-07	2.58E-07	7.35E-08	3.32E-07	6.12E-08	1.88E-08	8.00E-08	4.77E-08	9.06E-09	5.68E-08
8654	625449.4	4266042.79	3.10E-07	9.83E-08	4.08E-07	2.59E-07	7.36E-08	3.32E-07	6.13E-08	1.88E-08	8.01E-08	4.78E-08	9.08E-09	5.69E-08

8655	625449.56	4266032.85	3.10E-07	9.85E-08	4.09E-07	2.59E-07	7.38E-08	3.33E-07	6.14E-08	1.89E-08	8.03E-08	4.79E-08	9.09E-09	5.70E-08
8656	625449.73	4266022.92	3.11E-07	9.87E-08	4.09E-07	2.60E-07	7.39E-08	3.34E-07	6.15E-08	1.89E-08	8.04E-08	4.80E-08	9.11E-09	5.71E-08
8657	625449.89	4266012.99	3.11E-07	9.89E-08	4.10E-07	2.60E-07	7.40E-08	3.34E-07	6.16E-08	1.89E-08	8.06E-08	4.80E-08	9.13E-09	5.72E-08
8658	625450.06	4266003.05	3.12E-07	9.91E-08	4.11E-07	2.61E-07	7.42E-08	3.35E-07	6.18E-08	1.90E-08	8.07E-08	4.81E-08	9.14E-09	5.73E-08
8659	625450.22	4265993.12	3.13E-07	9.93E-08	4.12E-07	2.61E-07	7.43E-08	3.36E-07	6.19E-08	1.90E-08	8.09E-08	4.82E-08	9.16E-09	5.74E-08
8660	625450.38	4265983.19	3.13E-07	9.95E-08	4.13E-07	2.62E-07	7.45E-08	3.36E-07	6.20E-08	1.91E-08	8.10E-08	4.83E-08	9.18E-09	5.75E-08
8661	625450.55	4265973.25	3.14E-07	9.96E-08	4.13E-07	2.62E-07	7.46E-08	3.37E-07	6.21E-08	1.91E-08	8.12E-08	4.84E-08	9.20E-09	5.76E-08
8662	625450.71	4265963.32	3.14E-07	9.98E-08	4.14E-07	2.63E-07	7.47E-08	3.37E-07	6.22E-08	1.91E-08	8.13E-08	4.85E-08	9.21E-09	5.77E-08
8663	625450.87	4265953.39	3.15E-07	9.99E-08	4.15E-07	2.63E-07	7.48E-08	3.38E-07	6.23E-08	1.91E-08	8.14E-08	4.86E-08	9.22E-09	5.78E-08
8664	625451.04	4265943.45	3.15E-07	1.00E-07	4.15E-07	2.63E-07	7.49E-08	3.38E-07	6.24E-08	1.92E-08	8.15E-08	4.86E-08	9.23E-09	5.78E-08
8665	625451.2	4265933.52	3.15E-07	1.00E-07	4.15E-07	2.64E-07	7.50E-08	3.38E-07	6.24E-08	1.92E-08	8.16E-08	4.86E-08	9.24E-09	5.79E-08
8666	625451.36	4265923.59	3.15E-07	1.00E-07	4.16E-07	2.64E-07	7.50E-08	3.39E-07	6.24E-08	1.92E-08	8.16E-08	4.87E-08	9.24E-09	5.79E-08
8667	625451.53	4265913.65	3.15E-07	1.00E-07	4.16E-07	2.64E-07	7.50E-08	3.39E-07	6.24E-08	1.92E-08	8.16E-08	4.87E-08	9.25E-09	5.79E-08
8668	625451.69	4265903.72	3.15E-07	1.00E-07	4.16E-07	2.64E-07	7.50E-08	3.39E-07	6.24E-08	1.92E-08	8.16E-08	4.87E-08	9.24E-09	5.79E-08
8669	625451.85	4265893.79	3.15E-07	1.00E-07	4.15E-07	2.64E-07	7.50E-08	3.38E-07	6.24E-08	1.92E-08	8.16E-08	4.86E-08	9.24E-09	5.79E-08
8670	625452.02	4265883.85	3.15E-07	1.00E-07	4.15E-07	2.63E-07	7.49E-08	3.38E-07	6.24E-08	1.92E-08	8.15E-08	4.86E-08	9.24E-09	5.79E-08
8671	625452.18	4265873.92	3.15E-07	1.00E-07	4.15E-07	2.63E-07	7.49E-08	3.38E-07	6.23E-08	1.92E-08	8.15E-08	4.86E-08	9.23E-09	5.78E-08
8672	625452.34	4265863.99	3.15E-07	1.00E-07	4.15E-07	2.63E-07	7.48E-08	3.38E-07	6.23E-08	1.92E-08	8.15E-08	4.86E-08	9.22E-09	5.78E-08
8673	625452.51	4265854.05	3.15E-07	9.99E-08	4.14E-07	2.63E-07	7.48E-08	3.38E-07	6.23E-08	1.91E-08	8.14E-08	4.85E-08	9.22E-09	5.78E-08
8674	625452.67	4265844.12	3.15E-07	9.99E-08	4.14E-07	2.63E-07	7.48E-08	3.38E-07	6.23E-08	1.91E-08	8.14E-08	4.85E-08	9.22E-09	5.78E-08
8675	625452.84	4265834.19	3.15E-07	9.99E-08	4.14E-07	2.63E-07	7.48E-08	3.38E-07	6.23E-08	1.91E-08	8.14E-08	4.85E-08	9.22E-09	5.78E-08
8676	625453	4265824.25	3.15E-07	1.00E-07	4.15E-07	2.63E-07	7.48E-08	3.38E-07	6.23E-08	1.92E-08	8.15E-08	4.86E-08	9.22E-09	5.78E-08
8677	625453.16	4265814.32	3.15E-07	1.00E-07	4.15E-07	2.63E-07	7.49E-08	3.38E-07	6.24E-08	1.92E-08	8.15E-08	4.86E-08	9.23E-09	5.79E-08
8678	625453.33	4265804.39	3.16E-07	1.00E-07	4.16E-07	2.64E-07	7.50E-08	3.39E-07	6.25E-08	1.92E-08	8.17E-08	4.87E-08	9.25E-09	5.79E-08
8679	625453.49	4265794.45	3.16E-07	1.00E-07	4.17E-07	2.64E-07	7.52E-08	3.40E-07	6.26E-08	1.93E-08	8.19E-08	4.88E-08	9.27E-09	5.81E-08
8680	625453.65	4265784.52	3.17E-07	1.01E-07	4.18E-07	2.65E-07	7.54E-08	3.41E-07	6.28E-08	1.93E-08	8.21E-08	4.90E-08	9.30E-09	5.83E-08
8681	625453.82	4265774.59	3.18E-07	1.01E-07	4.20E-07	2.66E-07	7.57E-08	3.42E-07	6.30E-08	1.94E-08	8.24E-08	4.91E-08	9.33E-09	5.85E-08
8682	625453.98	4265764.65	3.20E-07	1.02E-07	4.21E-07	2.67E-07	7.60E-08	3.43E-07	6.33E-08	1.95E-08	8.27E-08	4.93E-08	9.37E-09	5.87E-08
8683	625454.14	4265754.72	3.21E-07	1.02E-07	4.23E-07	2.68E-07	7.64E-08	3.45E-07	6.36E-08	1.95E-08	8.31E-08	4.96E-08	9.41E-09	5.90E-08
8684	625454.31	4265744.79	3.23E-07	1.03E-07	4.25E-07	2.70E-07	7.68E-08	3.47E-07	6.39E-08	1.96E-08	8.35E-08	4.98E-08	9.46E-09	5.93E-08
8685	625454.47	4265734.85	3.25E-07	1.03E-07	4.28E-07	2.71E-07	7.72E-08	3.48E-07	6.42E-08	1.98E-08	8.40E-08	5.01E-08	9.51E-09	5.96E-08
8686	625454.63	4265724.92	3.26E-07	1.04E-07	4.30E-07	2.73E-07	7.76E-08	3.50E-07	6.46E-08	1.99E-08	8.45E-08	5.04E-08	9.57E-09	5.99E-08
8687	625454.8	4265714.99	3.28E-07	1.04E-07	4.33E-07	2.74E-07	7.81E-08	3.53E-07	6.50E-08	2.00E-08	8.50E-08	5.07E-08	9.62E-09	6.03E-08
8688	625454.96	4265705.05	3.30E-07	1.05E-07	4.35E-07	2.76E-07	7.86E-08	3.55E-07	6.54E-08	2.01E-08	8.55E-08	5.10E-08	9.68E-09	6.07E-08
8689	625455.13	4265695.12	3.32E-07	1.06E-07	4.38E-07	2.78E-07	7.90E-08	3.57E-07	6.58E-08	2.02E-08	8.60E-08	5.13E-08	9.74E-09	6.10E-08
8690	625455.29	4265685.19	3.34E-07	1.06E-07	4.40E-07	2.79E-07	7.95E-08	3.59E-07	6.62E-08	2.03E-08	8.65E-08	5.16E-08	9.80E-09	6.14E-08
8691	625485.77	4266189.68	2.86E-07	9.09E-08	3.77E-07	2.39E-07	6.80E-08	3.07E-07	5.66E-08	1.74E-08	7.41E-08	4.42E-08	8.39E-09	5.25E-08
8692	625481.88	4266198.63	2.88E-07	9.14E-08	3.79E-07	2.41E-07	6.84E-08	3.09E-07	5.70E-08	1.75E-08	7.45E-08	4.44E-08	8.44E-09	5.28E-08
8693	625478	4266207.59	2.89E-07	9.19E-08	3.81E-07	2.42E-07	6.88E-08	3.11E-07	5.73E-08	1.76E-08	7.49E-08	4.47E-08	8.48E-09	5.31E-08
8694	625474.11	4266216.54	2.91E-07	9.24E-08	3.83E-07	2.43E-07	6.92E-08	3.12E-07	5.76E-08	1.77E-08	7.53E-08	4.49E-08	8.52E-09	5.34E-08
8695	625470.22	4266225.5	2.92E-07	9.28E-08	3.85E-07	2.44E-07	6.95E-08	3.14E-07	5.78E-08	1.78E-08	7.56E-08	4.51E-08	8.56E-09	5.36E-08
8696	625466.33	4266234.46	2.93E-07	9.31E-08	3.86E-07	2.45E-07	6.97E-08	3.15E-07	5.80E-08	1.78E-08	7.59E-08	4.52E-08	8.59E-09	5.38E-08
8697	625462.45	4266243.41	2.94E-07	9.34E-08	3.87E-07	2.46E-07	6.99E-08	3.16E-07	5.82E-08	1.79E-08	7.61E-08	4.54E-08	8.62E-09	5.40E-08
8698	625458.56	4266252.37	2.95E-07	9.36E-08	3.88E-07	2.46E-07	7.01E-08	3.16E-07	5.83E-08	1.79E-08	7.63E-08	4.55E-08	8.64E-09	5.41E-08
8699	625454.67	4266261.32	2.95E-07	9.38E-08	3.89E-07	2.47E-07	7.02E-08	3.17E-07	5.85E-08	1.80E-08	7.64E-08	4.56E-08	8.66E-09	5.42E-08
8700	625450.79	4266270.28	2.96E-07	9.40E-08	3.90E-07	2.47E-07	7.04E-08	3.18E-07	5.86E-08	1.80E-08	7.66E-08	4.57E-08	8.67E-09	5.43E-08
8701	625446.9	4266279.23	2.96E-07	9.41E-08	3.90E-07	2.48E-07	7.04E-08	3.18E-07	5.86E-08	1.80E-08	7.67E-08	4.57E-08	8.68E-09	5.44E-08
8702	625443.01	4266288.19	2.96E-07	9.42E-08	3.91E-07	2.48E-07	7.05E-08	3.18E-07	5.87E-08	1.80E-08	7.67E-08	4.57E-08	8.69E-09	5.44E-08
8703	625408.03	4266368.79	2.98E-07	9.48E-08	3.93E-07	2.49E-07	7.10E-08	3.20E-07	5.91E-08	1.82E-08	7.72E-08	4.60E-08	8.75E-09	5.48E-08
8704	625404.14	4266377.75	2.99E-07	9.50E-08	3.94E-07	2.50E-07	7.11E-08	3.21E-07	5.92E-08	1.82E-08	7.74E-08	4.62E-08	8.77E-09	5.49E-08
8705	625400.25	4266386.7	3.00E-07	9.53E-08	3.95E-07	2.51E-07	7.14E-08	3.22E-07	5.94E-08	1.83E-08	7.77E-08	4.63E-08	8.80E-09	5.51E-08
8706	625396.37	4266395.66	3.01E-07	9.57E-08	3.97E-07	2.52E-07	7.16E-08	3.23E-07	5.96E-08	1.83E-08	7.80E-08	4.65E-08	8.83E-09	5.53E-08
8707	625392.48	4266404.61	3.03E-07	9.61E-08	3.99E-07	2.53E-07	7.19E-08	3.25E-07	5.99E-08	1.84E-08	7.83E-08	4.67E-08	8.87E-09	5.56E-08
8708	625388.59	4266413.57	3.04E-07	9.66E-08	4.01E-07	2.54E-07	7.23E-08	3.26E-07	6.02E-08	1.85E-08	7.87E-08	4.69E-08	8.91E-09	5.58E-08
8709	625384.7	4266422.52	3.06E-07	9.71E-08	4.03E-07	2.55E-07	7.27E-08	3.28E-07	6.05E-08	1.86E-08	7.91E-08	4.72E-08	8.96E-09	5.61E-08
8710	625380.82	4266431.48	3.07E-07	9.76E-08	4.05E-07	2.57E-07	7.31E-08	3.30E-07	6.08E-08	1.87E-08	7.95E-08	4.74E-08	9.01E-09	5.64E-08
8711	625376.93	4266440.44	3.09E-07	9.82E-08	4.07E-07	2.58E-07	7.35E-08	3.32E-07	6.12E-08	1.88E-08	8.00E-08	4.77E-08	9.06E-09	5.68E-08
8712	625373.04	4266449.39	3.11E-07	9.88E-08	4.10E-07	2.60E-07	7.40E-08	3.34E-07	6.16E-08	1.89E-08	8.05E-08	4.80E-08	9.12E-09	5.71E-08
8713	625369.15	4266458.35	3.13E-07	9.95E-08	4.13E-07	2.62E-07	7.45E-08	3.36E-07	6.20E-08	1.91E-08	8.10E-08	4.83E-08	9.18E-09	5.75E-08
8714	625365.27	4266467.3	3.15E-07	1.00E-07	4.15E-07	2.64E-07	7.50E-08	3.39E-07	6.24E-08	1.92E-08	8.16E-08	4.87E-08	9.24E-09	5.79E-08
8715	625361.38	4266476.26	3.17E-07	1.01E-07	4.18E-07	2.65E-07	7.55E-08	3.41E-07	6.28E-08	1.93E-08	8.22E-08	4.90E-08	9.30E-09	5.83E-08
8716	625357.49	4266485.21	3.20E-07	1.02E-07	4.21E-07	2.67E-07	7.60E-08	3.43E-07	6.33E-08	1.95E-08	8.27E-08	4.93E-08	9.37E-09	5.87E-08
8717	625353.61	4266494.17	3.22E-07	1.02E-07	4.24E-07	2.69E-07	7.66E-08	3.46E-07	6.37E-08	1.96E-08	8.33E-08	4.97E-08	9.44E-09	5.91E-08
8718	625349.72	4266503.12	3.24E-07	1.03E-07	4.27E-07	2.71E-07	7.71E-08	3.48E-07	6.42E-08	1.97E-08	8.39E-08	5.00E-08	9.50E-09	5.95E-08
8719	625345.83	4266512.08	3.27E-07	1.04E-07	4.30E-07	2.73E-07	7.76E-08	3.51E-07	6.46E-08	1.99E-08	8.45E-08	5.04E-08	9.57E-09	6.00E-08
8720	625341.94	4266521.04	3.29E-07	1.04E-07	4.33E-07	2.75E-07	7.82E-08	3.53E-07	6.51E-08	2.00E-08	8.51E-08	5.07E-08	9.64E-09	6.04E-08
8721	625338.06	4266529.99	3.31E-07	1.05E-07	4.36E-07	2.77E-07	7.87E-08	3.55E-07	6.55E-08	2.01E-08	8.57E-08	5.11E-08	9.70E-09	6.08E-08
8722	625334.17	4266538.95	3.33E-07	1.06E-07	4.39E-07	2.78E-07	7.92E-08	3.58E-07	6.59E-08	2.03E-08	8.62E-08	5.14E-08	9.77E-09	6.12E-08
8723	625330.28	4266547.9	3.35E-07	1.06E-07	4.42E-07	2.80E-07	7.97E-08	3.60E-07	6.64E-08	2.04E-08	8.68E-08	5.17E-08	9.83E-09	6.16E-08
8724	625326.4	4266556.86	3.37E-07	1.07E-07	4.45E-07	2.82E-07	8.02E-08	3.62E-07	6.68E-08	2.05E-08	8.73E-08	5.21E-08	9.89E-09	6.19E-08
8725	625322.51	4266565.81	3.39E-07	1.08E-07	4.47E-07	2.84E-07	8.07E-08	3.64E-07	6.72E-08	2.07E-08	8.78E-08	5.24E-08	9.95E-09	6.23E-08
8726	625318.62	4266574.77	3.41E-07	1.08E-07	4.50E-07	2.85E-07	8.12E-08	3.66E-07	6.76E-08	2.08E-08	8.83E-08	5.27E-08	1.00E-08	6.27E-08
8727	625314.73	4266583.73	3.43E-07	1.09E-07	4.52E-07	2.87E-07	8.16E-08	3.68E-07	6.79E-08	2.09E-08	8.88E-08	5.29E-08	1.01E-08	6.30E-08
8728	625310.85	4266592.68	3.45E-07	1.10E-07	4.54E-07	2.88E-07	8.20E-08	3.70E-07	6.83E-08	2.10E-08	8.92E-08	5.32E-08	1.01E-08	6.33E-08

8729	625306.96	4266601.64	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.24E-08	3.72E-07	6.86E-08	2.11E-08	8.97E-08	5.35E-08	1.02E-08	6.36E-08
8730	625303.07	4266610.59	3.48E-07	1.11E-07	4.59E-07	2.91E-07	8.28E-08	3.74E-07	6.89E-08	2.12E-08	9.01E-08	5.37E-08	1.02E-08	6.39E-08
8731	625290.1	4266623.13	3.56E-07	1.13E-07	4.69E-07	2.97E-07	8.46E-08	3.82E-07	7.04E-08	2.16E-08	9.20E-08	5.49E-08	1.04E-08	6.53E-08
8732	625281.02	4266626.7	3.62E-07	1.15E-07	4.77E-07	3.03E-07	8.61E-08	3.89E-07	7.16E-08	2.20E-08	9.37E-08	5.58E-08	1.06E-08	6.65E-08
8733	625271.93	4266630.28	3.68E-07	1.17E-07	4.85E-07	3.08E-07	8.76E-08	3.95E-07	7.29E-08	2.24E-08	9.53E-08	5.68E-08	1.08E-08	6.76E-08
8734	625262.85	4266633.86	3.75E-07	1.19E-07	4.93E-07	3.13E-07	8.91E-08	4.02E-07	7.41E-08	2.28E-08	9.69E-08	5.78E-08	1.10E-08	6.88E-08
8735	625253.77	4266637.44	3.81E-07	1.21E-07	5.02E-07	3.18E-07	9.06E-08	4.09E-07	7.54E-08	2.32E-08	9.86E-08	5.88E-08	1.12E-08	6.99E-08
8736	625244.68	4266641.01	3.87E-07	1.23E-07	5.10E-07	3.24E-07	9.21E-08	4.16E-07	7.66E-08	2.36E-08	1.00E-07	5.97E-08	1.13E-08	7.11E-08
8737	625235.6	4266644.59	3.93E-07	1.25E-07	5.18E-07	3.29E-07	9.36E-08	4.22E-07	7.79E-08	2.39E-08	1.02E-07	6.07E-08	1.15E-08	7.23E-08
8738	625226.52	4266648.17	4.00E-07	1.27E-07	5.27E-07	3.34E-07	9.51E-08	4.29E-07	7.91E-08	2.43E-08	1.03E-07	6.17E-08	1.17E-08	7.34E-08
8739	625217.43	4266651.75	4.06E-07	1.29E-07	5.35E-07	3.39E-07	9.65E-08	4.36E-07	8.04E-08	2.47E-08	1.05E-07	6.27E-08	1.19E-08	7.46E-08
8740	625208.35	4266655.32	4.12E-07	1.31E-07	5.43E-07	3.45E-07	9.80E-08	4.43E-07	8.16E-08	2.51E-08	1.07E-07	6.36E-08	1.21E-08	7.57E-08
8741	625199.26	4266658.9	4.18E-07	1.33E-07	5.51E-07	3.50E-07	9.95E-08	4.49E-07	8.28E-08	2.55E-08	1.08E-07	6.46E-08	1.23E-08	7.68E-08
8742	625190.18	4266662.48	4.24E-07	1.35E-07	5.59E-07	3.55E-07	1.01E-07	4.56E-07	8.40E-08	2.58E-08	1.10E-07	6.55E-08	1.24E-08	7.79E-08
8743	625181.1	4266666.06	4.30E-07	1.37E-07	5.67E-07	3.60E-07	1.02E-07	4.62E-07	8.52E-08	2.62E-08	1.11E-07	6.64E-08	1.26E-08	7.90E-08
8744	625172.01	4266669.63	4.36E-07	1.39E-07	5.75E-07	3.65E-07	1.04E-07	4.68E-07	8.63E-08	2.65E-08	1.13E-07	6.73E-08	1.28E-08	8.01E-08
8745	625162.93	4266673.21	4.42E-07	1.40E-07	5.82E-07	3.69E-07	1.05E-07	4.74E-07	8.75E-08	2.69E-08	1.14E-07	6.82E-08	1.30E-08	8.11E-08
8746	625153.85	4266676.79	4.48E-07	1.42E-07	5.90E-07	3.74E-07	1.06E-07	4.81E-07	8.86E-08	2.72E-08	1.16E-07	6.91E-08	1.31E-08	8.22E-08
8747	625144.76	4266680.37	4.53E-07	1.44E-07	5.97E-07	3.79E-07	1.08E-07	4.86E-07	8.97E-08	2.76E-08	1.17E-07	6.99E-08	1.33E-08	8.32E-08
8748	625135.68	4266683.95	4.59E-07	1.46E-07	6.04E-07	3.83E-07	1.09E-07	4.92E-07	9.08E-08	2.79E-08	1.19E-07	7.08E-08	1.34E-08	8.42E-08
8749	625126.59	4266687.52	4.64E-07	1.47E-07	6.11E-07	3.88E-07	1.10E-07	4.98E-07	9.18E-08	2.82E-08	1.20E-07	7.16E-08	1.36E-08	8.52E-08
8750	625117.51	4266691.1	4.69E-07	1.49E-07	6.18E-07	3.92E-07	1.11E-07	5.03E-07	9.28E-08	2.85E-08	1.21E-07	7.24E-08	1.37E-08	8.61E-08
8751	625108.43	4266694.68	4.74E-07	1.50E-07	6.24E-07	3.96E-07	1.13E-07	5.09E-07	9.38E-08	2.88E-08	1.23E-07	7.31E-08	1.39E-08	8.70E-08
8752	625099.34	4266698.26	4.79E-07	1.52E-07	6.31E-07	4.00E-07	1.14E-07	5.14E-07	9.47E-08	2.91E-08	1.24E-07	7.39E-08	1.40E-08	8.79E-08
8753	625090.26	4266701.83	4.83E-07	1.53E-07	6.37E-07	4.04E-07	1.15E-07	5.19E-07	9.56E-08	2.94E-08	1.25E-07	7.46E-08	1.42E-08	8.87E-08
8754	625081.18	4266705.41	4.88E-07	1.55E-07	6.42E-07	4.08E-07	1.16E-07	5.23E-07	9.65E-08	2.97E-08	1.26E-07	7.52E-08	1.43E-08	8.95E-08
8755	625072.09	4266708.99	4.92E-07	1.56E-07	6.48E-07	4.11E-07	1.17E-07	5.28E-07	9.73E-08	2.99E-08	1.27E-07	7.59E-08	1.44E-08	9.03E-08
8756	625063.01	4266712.57	4.96E-07	1.57E-07	6.53E-07	4.14E-07	1.18E-07	5.32E-07	9.81E-08	3.02E-08	1.28E-07	7.65E-08	1.45E-08	9.10E-08
8757	625053.92	4266716.14	4.99E-07	1.59E-07	6.58E-07	4.17E-07	1.19E-07	5.36E-07	9.88E-08	3.04E-08	1.29E-07	7.70E-08	1.46E-08	9.17E-08
8758	625044.84	4266719.72	5.03E-07	1.60E-07	6.62E-07	4.20E-07	1.20E-07	5.40E-07	9.95E-08	3.06E-08	1.30E-07	7.76E-08	1.47E-08	9.23E-08
8759	625035.76	4266723.3	5.06E-07	1.61E-07	6.66E-07	4.23E-07	1.20E-07	5.43E-07	1.00E-07	3.08E-08	1.31E-07	7.80E-08	1.48E-08	9.29E-08
8760	625026.67	4266726.88	5.09E-07	1.62E-07	6.70E-07	4.25E-07	1.21E-07	5.46E-07	1.01E-07	3.09E-08	1.32E-07	7.85E-08	1.49E-08	9.34E-08
8761	625017.59	4266730.45	5.11E-07	1.62E-07	6.74E-07	4.27E-07	1.22E-07	5.49E-07	1.01E-07	3.11E-08	1.32E-07	7.89E-08	1.50E-08	9.39E-08
8762	625008.51	4266734.03	5.14E-07	1.63E-07	6.77E-07	4.29E-07	1.22E-07	5.51E-07	1.02E-07	3.13E-08	1.33E-07	7.92E-08	1.51E-08	9.43E-08
8763	624999.42	4266737.61	5.16E-07	1.64E-07	6.79E-07	4.31E-07	1.23E-07	5.54E-07	1.02E-07	3.14E-08	1.33E-07	7.96E-08	1.51E-08	9.47E-08
8764	624990.34	4266741.19	5.18E-07	1.64E-07	6.82E-07	4.33E-07	1.23E-07	5.56E-07	1.02E-07	3.15E-08	1.34E-07	7.99E-08	1.52E-08	9.50E-08
8765	624981.25	4266744.76	5.19E-07	1.65E-07	6.84E-07	4.34E-07	1.23E-07	5.57E-07	1.03E-07	3.16E-08	1.34E-07	8.01E-08	1.52E-08	9.53E-08
8766	624972.17	4266748.34	5.20E-07	1.65E-07	6.86E-07	4.35E-07	1.24E-07	5.59E-07	1.03E-07	3.17E-08	1.35E-07	8.03E-08	1.53E-08	9.55E-08
8767	624963.09	4266751.92	5.21E-07	1.66E-07	6.87E-07	4.36E-07	1.24E-07	5.60E-07	1.03E-07	3.17E-08	1.35E-07	8.04E-08	1.53E-08	9.57E-08
8768	624954	4266755.5	5.22E-07	1.66E-07	6.88E-07	4.36E-07	1.24E-07	5.60E-07	1.03E-07	3.18E-08	1.35E-07	8.05E-08	1.53E-08	9.58E-08
8769	624944.92	4266759.08	5.22E-07	1.66E-07	6.88E-07	4.37E-07	1.24E-07	5.61E-07	1.03E-07	3.18E-08	1.35E-07	8.06E-08	1.53E-08	9.59E-08
8770	624935.84	4266762.65	5.22E-07	1.66E-07	6.88E-07	4.37E-07	1.24E-07	5.61E-07	1.03E-07	3.18E-08	1.35E-07	8.06E-08	1.53E-08	9.59E-08
8771	624926.75	4266766.23	5.22E-07	1.66E-07	6.88E-07	4.36E-07	1.24E-07	5.61E-07	1.03E-07	3.18E-08	1.35E-07	8.06E-08	1.53E-08	9.59E-08
8772	624917.67	4266769.81	5.22E-07	1.66E-07	6.87E-07	4.36E-07	1.24E-07	5.60E-07	1.03E-07	3.17E-08	1.35E-07	8.05E-08	1.53E-08	9.58E-08
8773	624908.58	4266773.39	5.21E-07	1.65E-07	6.86E-07	4.35E-07	1.24E-07	5.59E-07	1.03E-07	3.17E-08	1.35E-07	8.04E-08	1.53E-08	9.56E-08
8774	624899.5	4266776.96	5.20E-07	1.65E-07	6.85E-07	4.35E-07	1.24E-07	5.58E-07	1.03E-07	3.16E-08	1.35E-07	8.02E-08	1.52E-08	9.55E-08
8775	624890.42	4266780.54	5.19E-07	1.65E-07	6.83E-07	4.33E-07	1.23E-07	5.57E-07	1.03E-07	3.16E-08	1.34E-07	8.00E-08	1.52E-08	9.52E-08
8776	624881.33	4266784.12	5.17E-07	1.64E-07	6.81E-07	4.32E-07	1.23E-07	5.55E-07	1.02E-07	3.15E-08	1.34E-07	7.98E-08	1.52E-08	9.49E-08
8777	624872.25	4266787.7	5.15E-07	1.64E-07	6.79E-07	4.31E-07	1.23E-07	5.53E-07	1.02E-07	3.14E-08	1.33E-07	7.95E-08	1.51E-08	9.46E-08
8778	624863.17	4266791.27	5.14E-07	1.63E-07	6.77E-07	4.29E-07	1.22E-07	5.51E-07	1.02E-07	3.13E-08	1.33E-07	7.92E-08	1.51E-08	9.43E-08
8779	624854.08	4266794.85	5.12E-07	1.62E-07	6.74E-07	4.28E-07	1.22E-07	5.49E-07	1.01E-07	3.11E-08	1.32E-07	7.89E-08	1.50E-08	9.39E-08
8780	624845	4266798.43	5.09E-07	1.62E-07	6.71E-07	4.26E-07	1.21E-07	5.47E-07	1.01E-07	3.10E-08	1.32E-07	7.86E-08	1.49E-08	9.35E-08
8781	625497.43	4266162.81	2.81E-07	8.92E-08	3.70E-07	2.35E-07	6.68E-08	3.02E-07	5.56E-08	1.71E-08	7.27E-08	4.34E-08	8.23E-09	5.16E-08
8782	625497.6	4266152.88	2.81E-07	8.92E-08	3.70E-07	2.35E-07	6.68E-08	3.01E-07	5.56E-08	1.71E-08	7.27E-08	4.33E-08	8.23E-09	5.16E-08
8783	625497.76	4266142.94	2.81E-07	8.91E-08	3.70E-07	2.35E-07	6.67E-08	3.01E-07	5.56E-08	1.71E-08	7.26E-08	4.33E-08	8.23E-09	5.15E-08
8784	625497.92	4266133.01	2.81E-07	8.91E-08	3.70E-07	2.34E-07	6.67E-08	3.01E-07	5.55E-08	1.71E-08	7.26E-08	4.33E-08	8.22E-09	5.15E-08
8785	625498.09	4266123.08	2.80E-07	8.91E-08	3.70E-07	2.34E-07	6.67E-08	3.01E-07	5.55E-08	1.71E-08	7.26E-08	4.33E-08	8.22E-09	5.15E-08
8786	625498.25	4266113.14	2.80E-07	8.91E-08	3.70E-07	2.34E-07	6.67E-08	3.01E-07	5.55E-08	1.71E-08	7.26E-08	4.33E-08	8.22E-09	5.15E-08
8787	625498.41	4266103.21	2.80E-07	8.91E-08	3.70E-07	2.34E-07	6.67E-08	3.01E-07	5.55E-08	1.71E-08	7.26E-08	4.33E-08	8.22E-09	5.15E-08
8788	625498.58	4266093.28	2.80E-07	8.91E-08	3.70E-07	2.34E-07	6.67E-08	3.01E-07	5.55E-08	1.71E-08	7.26E-08	4.33E-08	8.22E-09	5.15E-08
8789	625498.74	4266083.34	2.80E-07	8.91E-08	3.70E-07	2.34E-07	6.67E-08	3.01E-07	5.55E-08	1.71E-08	7.26E-08	4.33E-08	8.22E-09	5.15E-08
8790	625498.9	4266073.41	2.81E-07	8.91E-08	3.70E-07	2.35E-07	6.67E-08	3.01E-07	5.55E-08	1.71E-08	7.26E-08	4.33E-08	8.22E-09	5.15E-08
8791	625499.07	4266063.48	2.81E-07	8.91E-08	3.70E-07	2.35E-07	6.67E-08	3.01E-07	5.56E-08	1.71E-08	7.26E-08	4.33E-08	8.23E-09	5.15E-08
8792	625499.23	4266053.54	2.81E-07	8.92E-08	3.70E-07	2.35E-07	6.68E-08	3.02E-07	5.56E-08	1.71E-08	7.27E-08	4.33E-08	8.23E-09	5.16E-08
8793	625499.39	4266043.61	2.81E-07	8.93E-08	3.70E-07	2.35E-07	6.69E-08	3.02E-07	5.57E-08	1.71E-08	7.28E-08	4.34E-08	8.24E-09	5.16E-08
8794	625499.56	4266033.68	2.81E-07	8.94E-08	3.71E-07	2.35E-07	6.69E-08	3.02E-07	5.57E-08	1.71E-08	7.28E-08	4.34E-08	8.25E-09	5.17E-08
8795	625499.72	4266023.74	2.82E-07	8.95E-08	3.71E-07	2.36E-07	6.70E-08	3.03E-07	5.58E-08	1.71E-08	7.29E-08	4.35E-08	8.26E-09	5.17E-08
8796	625499.89	4266013.81	2.82E-07	8.96E-08	3.72E-07	2.36E-07	6.71E-08	3.03E-07	5.59E-08	1.72E-08	7.30E-08	4.35E-08	8.27E-09	5.18E-08
8797	625500.05	4266003.88	2.83E-07	8.97E-08	3.72E-07	2.36E-07	6.72E-08	3.03E-07	5.59E-08	1.72E-08	7.31E-08	4.36E-08	8.28E-09	5.19E-08
8798	625500.21	4265993.94	2.83E-07	8.99E-08	3.73E-07	2.36E-07	6.73E-08	3.04E-07	5.60E-08	1.72E-08	7.32E-08	4.37E-08	8.29E-09	5.20E-08
8799	625500.38	4265984.01	2.83E-07	9.00E-08	3.73E-07	2.37E-07	6.73E-08	3.04E-07	5.61E-08	1.72E-08	7.33E-08	4.37E-08	8.30E-09	5.20E-08
8800	625500.54	4265974.08	2.83E-07	9.00E-08	3.74E-07	2.37E-07	6.74E-08	3.04E-07	5.61E-08	1.72E-08	7.34E-08	4.37E-08	8.31E-09	5.21E-08
8801	625500.7	4265964.14	2.84E-07	9.01E-08	3.74E-07	2.37E-07	6.74E-08	3.05E-07	5.61E-08	1.73E-08	7.34E-08	4.38E-08	8.31E-09	5.21E-08
8802	625500.87	4265954.21	2.84E-07	9.01E-08	3.74E-07	2.37E-07	6.75E-08	3.05E-07	5.62E-08	1.73E-08	7.34E-08	4.38E-08	8.32E-09	5.21E-08

8803	625501.03	4265944.28	2.84E-07	9.01E-08	3.74E-07	2.37E-07	6.75E-08	3.05E-07	5.62E-08	1.73E-08	7.34E-08	4.38E-08	8.32E-09	5.21E-08
8804	625501.19	4265934.34	2.84E-07	9.01E-08	3.74E-07	2.37E-07	6.75E-08	3.05E-07	5.62E-08	1.73E-08	7.34E-08	4.38E-08	8.32E-09	5.21E-08
8805	625501.36	4265924.41	2.84E-07	9.01E-08	3.74E-07	2.37E-07	6.74E-08	3.04E-07	5.61E-08	1.73E-08	7.34E-08	4.38E-08	8.31E-09	5.21E-08
8806	625501.52	4265914.48	2.83E-07	9.00E-08	3.73E-07	2.37E-07	6.74E-08	3.04E-07	5.61E-08	1.72E-08	7.33E-08	4.37E-08	8.31E-09	5.20E-08
8807	625501.68	4265904.54	2.83E-07	8.99E-08	3.73E-07	2.37E-07	6.73E-08	3.04E-07	5.61E-08	1.72E-08	7.33E-08	4.37E-08	8.30E-09	5.20E-08
8808	625501.85	4265894.61	2.83E-07	8.98E-08	3.73E-07	2.36E-07	6.73E-08	3.04E-07	5.60E-08	1.72E-08	7.32E-08	4.37E-08	8.29E-09	5.19E-08
8809	625502.01	4265884.68	2.83E-07	8.98E-08	3.72E-07	2.36E-07	6.72E-08	3.03E-07	5.59E-08	1.72E-08	7.31E-08	4.36E-08	8.28E-09	5.19E-08
8810	625502.17	4265874.74	2.82E-07	8.97E-08	3.72E-07	2.36E-07	6.71E-08	3.03E-07	5.59E-08	1.72E-08	7.31E-08	4.36E-08	8.28E-09	5.18E-08
8811	625502.34	4265864.81	2.82E-07	8.96E-08	3.72E-07	2.36E-07	6.71E-08	3.03E-07	5.58E-08	1.72E-08	7.30E-08	4.35E-08	8.27E-09	5.18E-08
8812	625502.5	4265854.88	2.82E-07	8.95E-08	3.71E-07	2.36E-07	6.70E-08	3.03E-07	5.58E-08	1.72E-08	7.30E-08	4.35E-08	8.26E-09	5.18E-08
8813	625502.67	4265844.94	2.82E-07	8.95E-08	3.71E-07	2.36E-07	6.70E-08	3.03E-07	5.58E-08	1.72E-08	7.29E-08	4.35E-08	8.26E-09	5.18E-08
8814	625502.83	4265835.01	2.82E-07	8.95E-08	3.71E-07	2.36E-07	6.70E-08	3.03E-07	5.58E-08	1.71E-08	7.29E-08	4.35E-08	8.26E-09	5.17E-08
8815	625502.99	4265825.08	2.82E-07	8.96E-08	3.72E-07	2.36E-07	6.71E-08	3.03E-07	5.58E-08	1.72E-08	7.30E-08	4.35E-08	8.27E-09	5.18E-08
8816	625503.16	4265815.14	2.82E-07	8.97E-08	3.72E-07	2.36E-07	6.71E-08	3.03E-07	5.59E-08	1.72E-08	7.31E-08	4.36E-08	8.28E-09	5.18E-08
8817	625503.32	4265805.21	2.83E-07	8.98E-08	3.73E-07	2.36E-07	6.73E-08	3.04E-07	5.60E-08	1.72E-08	7.32E-08	4.37E-08	8.29E-09	5.19E-08
8818	625503.48	4265795.28	2.84E-07	9.01E-08	3.74E-07	2.37E-07	6.74E-08	3.05E-07	5.61E-08	1.73E-08	7.34E-08	4.38E-08	8.31E-09	5.21E-08
8819	625503.65	4265785.34	2.85E-07	9.04E-08	3.75E-07	2.38E-07	6.77E-08	3.05E-07	5.63E-08	1.73E-08	7.36E-08	4.39E-08	8.34E-09	5.22E-08
8820	625503.81	4265775.41	2.86E-07	9.07E-08	3.76E-07	2.39E-07	6.79E-08	3.07E-07	5.65E-08	1.74E-08	7.39E-08	4.41E-08	8.37E-09	5.24E-08
8821	625503.97	4265765.48	2.87E-07	9.11E-08	3.78E-07	2.40E-07	6.82E-08	3.08E-07	5.68E-08	1.75E-08	7.42E-08	4.43E-08	8.41E-09	5.27E-08
8822	625504.14	4265755.54	2.88E-07	9.15E-08	3.80E-07	2.41E-07	6.85E-08	3.09E-07	5.70E-08	1.75E-08	7.46E-08	4.45E-08	8.45E-09	5.29E-08
8823	625504.3	4265745.61	2.90E-07	9.20E-08	3.82E-07	2.42E-07	6.89E-08	3.11E-07	5.73E-08	1.76E-08	7.50E-08	4.47E-08	8.49E-09	5.32E-08
8824	625504.46	4265735.68	2.91E-07	9.25E-08	3.84E-07	2.44E-07	6.93E-08	3.13E-07	5.77E-08	1.77E-08	7.54E-08	4.50E-08	8.54E-09	5.35E-08
8825	625504.63	4265725.74	2.93E-07	9.31E-08	3.86E-07	2.45E-07	6.97E-08	3.15E-07	5.80E-08	1.78E-08	7.59E-08	4.52E-08	8.59E-09	5.38E-08
8826	625504.79	4265715.81	2.95E-07	9.37E-08	3.89E-07	2.47E-07	7.01E-08	3.17E-07	5.84E-08	1.79E-08	7.63E-08	4.55E-08	8.64E-09	5.42E-08
8827	625504.95	4265705.88	2.97E-07	9.42E-08	3.91E-07	2.48E-07	7.06E-08	3.19E-07	5.87E-08	1.81E-08	7.68E-08	4.58E-08	8.70E-09	5.45E-08
8828	625505.12	4265695.94	2.99E-07	9.48E-08	3.93E-07	2.50E-07	7.10E-08	3.21E-07	5.91E-08	1.82E-08	7.73E-08	4.61E-08	8.75E-09	5.48E-08
8829	625505.28	4265686.01	3.00E-07	9.54E-08	3.96E-07	2.51E-07	7.14E-08	3.23E-07	5.95E-08	1.83E-08	7.77E-08	4.64E-08	8.81E-09	5.52E-08
8830	625535.56	4266190.96	2.63E-07	8.36E-08	3.47E-07	2.20E-07	6.26E-08	2.83E-07	5.21E-08	1.60E-08	6.81E-08	4.06E-08	7.72E-09	4.83E-08
8831	625531.61	4266200.07	2.65E-07	8.41E-08	3.49E-07	2.21E-07	6.30E-08	2.84E-07	5.24E-08	1.61E-08	6.85E-08	4.09E-08	7.76E-09	4.86E-08
8832	625527.66	4266209.18	2.66E-07	8.45E-08	3.51E-07	2.22E-07	6.33E-08	2.86E-07	5.27E-08	1.62E-08	6.89E-08	4.11E-08	7.80E-09	4.89E-08
8833	625523.7	4266218.29	2.67E-07	8.49E-08	3.52E-07	2.23E-07	6.35E-08	2.87E-07	5.29E-08	1.63E-08	6.92E-08	4.12E-08	7.83E-09	4.91E-08
8834	625519.75	4266227.39	2.68E-07	8.52E-08	3.53E-07	2.24E-07	6.38E-08	2.88E-07	5.31E-08	1.63E-08	6.94E-08	4.14E-08	7.86E-09	4.93E-08
8835	625515.8	4266236.5	2.69E-07	8.55E-08	3.55E-07	2.25E-07	6.40E-08	2.89E-07	5.33E-08	1.64E-08	6.97E-08	4.15E-08	7.89E-09	4.94E-08
8836	625511.84	4266245.61	2.70E-07	8.58E-08	3.56E-07	2.26E-07	6.42E-08	2.90E-07	5.34E-08	1.64E-08	6.99E-08	4.17E-08	7.91E-09	4.96E-08
8837	625507.89	4266254.72	2.71E-07	8.59E-08	3.57E-07	2.26E-07	6.43E-08	2.91E-07	5.36E-08	1.65E-08	7.00E-08	4.18E-08	7.93E-09	4.97E-08
8838	625503.94	4266263.83	2.71E-07	8.61E-08	3.57E-07	2.27E-07	6.44E-08	2.91E-07	5.36E-08	1.65E-08	7.01E-08	4.18E-08	7.94E-09	4.98E-08
8839	625499.98	4266272.94	2.71E-07	8.62E-08	3.57E-07	2.27E-07	6.45E-08	2.91E-07	5.37E-08	1.65E-08	7.02E-08	4.19E-08	7.95E-09	4.98E-08
8840	625496.03	4266282.05	2.71E-07	8.62E-08	3.58E-07	2.27E-07	6.45E-08	2.91E-07	5.37E-08	1.65E-08	7.02E-08	4.19E-08	7.96E-09	4.98E-08
8841	625492.07	4266291.16	2.71E-07	8.62E-08	3.58E-07	2.27E-07	6.45E-08	2.91E-07	5.37E-08	1.65E-08	7.02E-08	4.19E-08	7.96E-09	4.98E-08
8842	625456.49	4266373.13	2.71E-07	8.60E-08	3.57E-07	2.26E-07	6.44E-08	2.91E-07	5.36E-08	1.65E-08	7.01E-08	4.18E-08	7.93E-09	4.97E-08
8843	625452.54	4266382.24	2.71E-07	8.61E-08	3.57E-07	2.27E-07	6.45E-08	2.91E-07	5.37E-08	1.65E-08	7.02E-08	4.18E-08	7.95E-09	4.98E-08
8844	625448.58	4266391.35	2.72E-07	8.62E-08	3.58E-07	2.27E-07	6.46E-08	2.92E-07	5.38E-08	1.65E-08	7.03E-08	4.19E-08	7.96E-09	4.99E-08
8845	625444.63	4266400.46	2.72E-07	8.65E-08	3.59E-07	2.28E-07	6.47E-08	2.92E-07	5.39E-08	1.66E-08	7.04E-08	4.20E-08	7.98E-09	5.00E-08
8846	625440.68	4266409.57	2.73E-07	8.67E-08	3.60E-07	2.28E-07	6.49E-08	2.93E-07	5.40E-08	1.66E-08	7.07E-08	4.21E-08	8.00E-09	5.01E-08
8847	625436.72	4266418.68	2.74E-07	8.70E-08	3.61E-07	2.29E-07	6.52E-08	2.94E-07	5.42E-08	1.67E-08	7.09E-08	4.23E-08	8.03E-09	5.03E-08
8848	625432.77	4266427.79	2.75E-07	8.74E-08	3.63E-07	2.30E-07	6.54E-08	2.95E-07	5.45E-08	1.67E-08	7.12E-08	4.25E-08	8.06E-09	5.05E-08
8849	625428.82	4266436.9	2.76E-07	8.78E-08	3.64E-07	2.31E-07	6.57E-08	2.97E-07	5.47E-08	1.68E-08	7.15E-08	4.27E-08	8.10E-09	5.08E-08
8850	625424.86	4266446	2.78E-07	8.82E-08	3.66E-07	2.32E-07	6.61E-08	2.98E-07	5.50E-08	1.69E-08	7.19E-08	4.29E-08	8.14E-09	5.10E-08
8851	625420.91	4266455.11	2.79E-07	8.87E-08	3.68E-07	2.33E-07	6.64E-08	3.00E-07	5.53E-08	1.70E-08	7.23E-08	4.31E-08	8.19E-09	5.13E-08
8852	625416.96	4266464.22	2.81E-07	8.92E-08	3.70E-07	2.35E-07	6.68E-08	3.02E-07	5.56E-08	1.71E-08	7.27E-08	4.34E-08	8.23E-09	5.16E-08
8853	625413	4266473.33	2.83E-07	8.98E-08	3.73E-07	2.36E-07	6.72E-08	3.04E-07	5.60E-08	1.72E-08	7.32E-08	4.36E-08	8.29E-09	5.19E-08
8854	625409.05	4266482.44	2.85E-07	9.04E-08	3.75E-07	2.38E-07	6.77E-08	3.05E-07	5.63E-08	1.73E-08	7.36E-08	4.39E-08	8.34E-09	5.22E-08
8855	625405.09	4266491.55	2.86E-07	9.10E-08	3.77E-07	2.39E-07	6.81E-08	3.08E-07	5.67E-08	1.74E-08	7.41E-08	4.42E-08	8.40E-09	5.26E-08
8856	625401.14	4266500.66	2.88E-07	9.16E-08	3.80E-07	2.41E-07	6.86E-08	3.10E-07	5.71E-08	1.76E-08	7.46E-08	4.45E-08	8.45E-09	5.30E-08
8857	625397.19	4266509.77	2.90E-07	9.22E-08	3.83E-07	2.43E-07	6.91E-08	3.12E-07	5.75E-08	1.77E-08	7.52E-08	4.48E-08	8.51E-09	5.33E-08
8858	625393.23	4266518.87	2.93E-07	9.29E-08	3.85E-07	2.44E-07	6.96E-08	3.14E-07	5.79E-08	1.78E-08	7.57E-08	4.51E-08	8.57E-09	5.37E-08
8859	625389.28	4266527.98	2.95E-07	9.35E-08	3.88E-07	2.46E-07	7.00E-08	3.16E-07	5.83E-08	1.79E-08	7.62E-08	4.55E-08	8.63E-09	5.41E-08
8860	625385.33	4266537.09	2.97E-07	9.42E-08	3.91E-07	2.48E-07	7.05E-08	3.18E-07	5.87E-08	1.81E-08	7.68E-08	4.58E-08	8.69E-09	5.45E-08
8861	625381.37	4266546.2	2.99E-07	9.49E-08	3.94E-07	2.50E-07	7.10E-08	3.21E-07	5.91E-08	1.82E-08	7.73E-08	4.61E-08	8.76E-09	5.49E-08
8862	625377.42	4266555.31	3.01E-07	9.55E-08	3.96E-07	2.51E-07	7.15E-08	3.23E-07	5.95E-08	1.83E-08	7.78E-08	4.64E-08	8.82E-09	5.52E-08
8863	625373.47	4266564.42	3.03E-07	9.62E-08	3.99E-07	2.53E-07	7.20E-08	3.25E-07	5.99E-08	1.84E-08	7.84E-08	4.67E-08	8.88E-09	5.56E-08
8864	625369.51	4266573.53	3.05E-07	9.68E-08	4.02E-07	2.55E-07	7.25E-08	3.27E-07	6.03E-08	1.85E-08	7.89E-08	4.70E-08	8.93E-09	5.60E-08
8865	625365.56	4266582.63	3.07E-07	9.74E-08	4.04E-07	2.56E-07	7.29E-08	3.29E-07	6.07E-08	1.87E-08	7.94E-08	4.73E-08	8.99E-09	5.63E-08
8866	625361.6	4266591.74	3.09E-07	9.80E-08	4.07E-07	2.58E-07	7.34E-08	3.31E-07	6.11E-08	1.88E-08	7.99E-08	4.76E-08	9.05E-09	5.67E-08
8867	625357.65	4266600.85	3.10E-07	9.86E-08	4.09E-07	2.60E-07	7.38E-08	3.33E-07	6.15E-08	1.89E-08	8.03E-08	4.79E-08	9.10E-09	5.70E-08
8868	625353.7	4266609.96	3.12E-07	9.91E-08	4.11E-07	2.61E-07	7.42E-08	3.35E-07	6.18E-08	1.90E-08	8.08E-08	4.82E-08	9.15E-09	5.73E-08
8869	625349.74	4266619.07	3.14E-07	9.97E-08	4.14E-07	2.62E-07	7.46E-08	3.37E-07	6.21E-08	1.91E-08	8.12E-08	4.84E-08	9.20E-09	5.76E-08
8870	625345.79	4266628.18	3.15E-07	1.00E-07	4.16E-07	2.64E-07	7.50E-08	3.39E-07	6.24E-08	1.92E-08	8.16E-08	4.87E-08	9.25E-09	5.79E-08
8871	625341.84	4266637.29	3.17E-07	1.01E-07	4.18E-07	2.65E-07	7.54E-08	3.40E-07	6.27E-08	1.93E-08	8.20E-08	4.89E-08	9.29E-09	5.82E-08
8872	625337.88	4266646.4	3.18E-07	1.01E-07	4.19E-07	2.66E-07	7.57E-08	3.42E-07	6.30E-08	1.94E-08	8.24E-08	4.91E-08	9.33E-09	5.84E-08
8873	625324.69	4266659.14	3.25E-07	1.03E-07	4.28E-07	2.72E-07	7.73E-08	3.49E-07	6.43E-08	1.98E-08	8.41E-08	5.02E-08	9.53E-09	5.97E-08
8874	625315.45	4266662.78	3.31E-07	1.05E-07	4.36E-07	2.76E-07	7.86E-08	3.55E-07	6.54E-08	2.01E-08	8.55E-08	5.10E-08	9.69E-09	6.07E-08
8875	625306.21	4266666.42	3.36E-07	1.07E-07	4.43E-07	2.81E-07	7.99E-08	3.61E-07	6.65E-08	2.04E-08	8.70E-08	5.19E-08	9.85E-09	6.17E-08
8876	625296.97	4266670.06	3.42E-07	1.08E-07	4.50E-07	2.86E-07	8.12E-08	3.67E-07	6.76E-08	2.08E-08	8.84E-08	5.27E-08	1.00E-08	6.27E-08

8877	625287.73	4266673.7	3.47E-07	1.10E-07	4.57E-07	2.90E-07	8.25E-08	3.73E-07	6.87E-08	2.11E-08	8.98E-08	5.36E-08	1.02E-08	6.37E-08
8878	625278.49	4266677.34	3.53E-07	1.12E-07	4.65E-07	2.95E-07	8.38E-08	3.79E-07	6.98E-08	2.15E-08	9.13E-08	5.44E-08	1.03E-08	6.47E-08
8879	625269.26	4266680.98	3.58E-07	1.14E-07	4.72E-07	2.99E-07	8.52E-08	3.84E-07	7.09E-08	2.18E-08	9.27E-08	5.53E-08	1.05E-08	6.58E-08
8880	625260.02	4266684.61	3.64E-07	1.15E-07	4.79E-07	3.04E-07	8.65E-08	3.90E-07	7.20E-08	2.21E-08	9.41E-08	5.61E-08	1.07E-08	6.68E-08
8881	625250.78	4266688.25	3.69E-07	1.17E-07	4.86E-07	3.09E-07	8.78E-08	3.96E-07	7.31E-08	2.25E-08	9.55E-08	5.70E-08	1.08E-08	6.78E-08
8882	625241.54	4266691.89	3.75E-07	1.19E-07	4.93E-07	3.13E-07	8.91E-08	4.02E-07	7.41E-08	2.28E-08	9.69E-08	5.78E-08	1.10E-08	6.88E-08
8883	625232.3	4266695.53	3.80E-07	1.21E-07	5.01E-07	3.18E-07	9.03E-08	4.08E-07	7.52E-08	2.31E-08	9.83E-08	5.86E-08	1.11E-08	6.97E-08
8884	625223.06	4266699.17	3.85E-07	1.22E-07	5.07E-07	3.22E-07	9.16E-08	4.14E-07	7.62E-08	2.34E-08	9.97E-08	5.94E-08	1.13E-08	7.07E-08
8885	625213.82	4266702.81	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.28E-08	4.19E-07	7.73E-08	2.38E-08	1.01E-07	6.02E-08	1.14E-08	7.17E-08
8886	625204.58	4266706.45	3.96E-07	1.26E-07	5.21E-07	3.31E-07	9.40E-08	4.25E-07	7.83E-08	2.41E-08	1.02E-07	6.10E-08	1.16E-08	7.26E-08
8887	625195.34	4266710.09	4.01E-07	1.27E-07	5.28E-07	3.35E-07	9.53E-08	4.30E-07	7.93E-08	2.44E-08	1.04E-07	6.18E-08	1.17E-08	7.36E-08
8888	625186.1	4266713.73	4.06E-07	1.29E-07	5.34E-07	3.39E-07	9.64E-08	4.35E-07	8.03E-08	2.47E-08	1.05E-07	6.26E-08	1.19E-08	7.45E-08
8889	625176.87	4266717.36	4.10E-07	1.30E-07	5.41E-07	3.43E-07	9.76E-08	4.41E-07	8.12E-08	2.50E-08	1.06E-07	6.33E-08	1.20E-08	7.54E-08
8890	625167.63	4266721	4.15E-07	1.32E-07	5.47E-07	3.47E-07	9.87E-08	4.46E-07	8.22E-08	2.53E-08	1.07E-07	6.41E-08	1.22E-08	7.62E-08
8891	625158.39	4266724.64	4.20E-07	1.33E-07	5.53E-07	3.51E-07	9.98E-08	4.51E-07	8.31E-08	2.56E-08	1.09E-07	6.48E-08	1.23E-08	7.71E-08
8892	625149.15	4266728.28	4.25E-07	1.35E-07	5.59E-07	3.55E-07	1.01E-07	4.56E-07	8.40E-08	2.58E-08	1.10E-07	6.55E-08	1.24E-08	7.79E-08
8893	625139.91	4266731.92	4.29E-07	1.36E-07	5.65E-07	3.59E-07	1.02E-07	4.61E-07	8.49E-08	2.61E-08	1.11E-07	6.62E-08	1.26E-08	7.88E-08
8894	625130.67	4266735.56	4.33E-07	1.38E-07	5.71E-07	3.62E-07	1.03E-07	4.65E-07	8.58E-08	2.64E-08	1.12E-07	6.68E-08	1.27E-08	7.95E-08
8895	625121.43	4266739.2	4.37E-07	1.39E-07	5.76E-07	3.66E-07	1.04E-07	4.70E-07	8.66E-08	2.66E-08	1.13E-07	6.75E-08	1.28E-08	8.03E-08
8896	625112.19	4266742.84	4.41E-07	1.40E-07	5.82E-07	3.69E-07	1.05E-07	4.74E-07	8.74E-08	2.69E-08	1.14E-07	6.81E-08	1.29E-08	8.10E-08
8897	625102.95	4266746.47	4.45E-07	1.41E-07	5.87E-07	3.72E-07	1.06E-07	4.78E-07	8.81E-08	2.71E-08	1.15E-07	6.87E-08	1.30E-08	8.17E-08
8898	625093.71	4266750.11	4.49E-07	1.43E-07	5.91E-07	3.75E-07	1.07E-07	4.82E-07	8.88E-08	2.73E-08	1.16E-07	6.92E-08	1.32E-08	8.24E-08
8899	625084.48	4266753.75	4.52E-07	1.44E-07	5.96E-07	3.78E-07	1.08E-07	4.85E-07	8.95E-08	2.75E-08	1.17E-07	6.98E-08	1.33E-08	8.30E-08
8900	625075.24	4266757.39	4.55E-07	1.45E-07	6.00E-07	3.81E-07	1.08E-07	4.89E-07	9.01E-08	2.77E-08	1.18E-07	7.03E-08	1.33E-08	8.36E-08
8901	625066	4266761.03	4.58E-07	1.46E-07	6.04E-07	3.83E-07	1.09E-07	4.92E-07	9.07E-08	2.79E-08	1.19E-07	7.07E-08	1.34E-08	8.41E-08
8902	625056.76	4266764.67	4.61E-07	1.46E-07	6.07E-07	3.85E-07	1.10E-07	4.95E-07	9.12E-08	2.80E-08	1.19E-07	7.11E-08	1.35E-08	8.46E-08
8903	625047.52	4266768.31	4.63E-07	1.47E-07	6.11E-07	3.87E-07	1.10E-07	4.98E-07	9.17E-08	2.82E-08	1.20E-07	7.15E-08	1.36E-08	8.51E-08
8904	625038.28	4266771.95	4.66E-07	1.48E-07	6.14E-07	3.89E-07	1.11E-07	5.00E-07	9.22E-08	2.83E-08	1.21E-07	7.19E-08	1.37E-08	8.55E-08
8905	625029.04	4266775.58	4.68E-07	1.49E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.26E-08	2.85E-08	1.21E-07	7.22E-08	1.37E-08	8.59E-08
8906	625019.8	4266779.22	4.70E-07	1.49E-07	6.19E-07	3.93E-07	1.12E-07	5.04E-07	9.30E-08	2.86E-08	1.22E-07	7.25E-08	1.38E-08	8.63E-08
8907	625010.56	4266782.86	4.71E-07	1.50E-07	6.21E-07	3.94E-07	1.12E-07	5.06E-07	9.33E-08	2.87E-08	1.22E-07	7.27E-08	1.38E-08	8.66E-08
8908	625001.32	4266786.5	4.73E-07	1.50E-07	6.23E-07	3.95E-07	1.12E-07	5.08E-07	9.36E-08	2.88E-08	1.22E-07	7.30E-08	1.39E-08	8.68E-08
8909	624992.08	4266790.14	4.74E-07	1.51E-07	6.25E-07	3.96E-07	1.13E-07	5.09E-07	9.38E-08	2.88E-08	1.23E-07	7.31E-08	1.39E-08	8.70E-08
8910	624982.85	4266793.78	4.75E-07	1.51E-07	6.26E-07	3.97E-07	1.13E-07	5.10E-07	9.40E-08	2.89E-08	1.23E-07	7.33E-08	1.39E-08	8.72E-08
8911	624973.61	4266797.42	4.76E-07	1.51E-07	6.27E-07	3.98E-07	1.13E-07	5.11E-07	9.42E-08	2.89E-08	1.23E-07	7.34E-08	1.39E-08	8.74E-08
8912	624964.37	4266801.06	4.76E-07	1.51E-07	6.27E-07	3.98E-07	1.13E-07	5.11E-07	9.43E-08	2.90E-08	1.23E-07	7.35E-08	1.40E-08	8.74E-08
8913	624955.13	4266804.69	4.76E-07	1.51E-07	6.28E-07	3.98E-07	1.13E-07	5.11E-07	9.43E-08	2.90E-08	1.23E-07	7.35E-08	1.40E-08	8.75E-08
8914	624945.89	4266808.33	4.76E-07	1.51E-07	6.28E-07	3.98E-07	1.13E-07	5.11E-07	9.43E-08	2.90E-08	1.23E-07	7.35E-08	1.40E-08	8.75E-08
8915	624936.65	4266811.97	4.76E-07	1.51E-07	6.27E-07	3.98E-07	1.13E-07	5.11E-07	9.42E-08	2.90E-08	1.23E-07	7.35E-08	1.40E-08	8.74E-08
8916	624927.41	4266815.61	4.75E-07	1.51E-07	6.26E-07	3.97E-07	1.13E-07	5.10E-07	9.41E-08	2.89E-08	1.23E-07	7.34E-08	1.39E-08	8.73E-08
8917	624918.17	4266819.25	4.75E-07	1.51E-07	6.25E-07	3.97E-07	1.13E-07	5.10E-07	9.39E-08	2.89E-08	1.23E-07	7.32E-08	1.39E-08	8.72E-08
8918	624908.93	4266822.89	4.74E-07	1.50E-07	6.24E-07	3.96E-07	1.13E-07	5.08E-07	9.37E-08	2.88E-08	1.23E-07	7.31E-08	1.39E-08	8.70E-08
8919	624899.69	4266826.53	4.72E-07	1.50E-07	6.22E-07	3.95E-07	1.12E-07	5.07E-07	9.35E-08	2.87E-08	1.22E-07	7.29E-08	1.38E-08	8.67E-08
8920	624890.46	4266830.17	4.71E-07	1.50E-07	6.20E-07	3.94E-07	1.12E-07	5.06E-07	9.32E-08	2.87E-08	1.22E-07	7.27E-08	1.38E-08	8.65E-08
8921	624881.22	4266833.8	4.69E-07	1.49E-07	6.18E-07	3.92E-07	1.12E-07	5.04E-07	9.29E-08	2.86E-08	1.21E-07	7.24E-08	1.38E-08	8.62E-08
8922	624871.98	4266837.44	4.68E-07	1.48E-07	6.16E-07	3.91E-07	1.11E-07	5.02E-07	9.25E-08	2.84E-08	1.21E-07	7.21E-08	1.37E-08	8.58E-08
8923	624862.74	4266841.08	4.66E-07	1.48E-07	6.14E-07	3.89E-07	1.11E-07	5.00E-07	9.22E-08	2.83E-08	1.21E-07	7.19E-08	1.36E-08	8.55E-08
8924	624853.5	4266844.72	4.64E-07	1.47E-07	6.11E-07	3.88E-07	1.10E-07	4.98E-07	9.18E-08	2.82E-08	1.20E-07	7.15E-08	1.36E-08	8.51E-08
8925	624844.26	4266848.36	4.62E-07	1.47E-07	6.08E-07	3.86E-07	1.10E-07	4.96E-07	9.14E-08	2.81E-08	1.19E-07	7.12E-08	1.35E-08	8.47E-08
8926	625547.43	4266163.63	2.58E-07	8.20E-08	3.40E-07	2.16E-07	6.14E-08	2.77E-07	5.11E-08	1.57E-08	6.68E-08	3.99E-08	7.57E-09	4.74E-08
8927	625547.59	4266153.7	2.58E-07	8.20E-08	3.40E-07	2.16E-07	6.14E-08	2.77E-07	5.11E-08	1.57E-08	6.68E-08	3.98E-08	7.57E-09	4.74E-08
8928	625547.75	4266143.77	2.58E-07	8.19E-08	3.40E-07	2.16E-07	6.14E-08	2.77E-07	5.11E-08	1.57E-08	6.68E-08	3.98E-08	7.56E-09	4.74E-08
8929	625547.92	4266133.83	2.58E-07	8.19E-08	3.40E-07	2.16E-07	6.13E-08	2.77E-07	5.10E-08	1.57E-08	6.67E-08	3.98E-08	7.56E-09	4.73E-08
8930	625548.08	4266123.9	2.58E-07	8.18E-08	3.39E-07	2.15E-07	6.13E-08	2.77E-07	5.10E-08	1.57E-08	6.67E-08	3.98E-08	7.55E-09	4.73E-08
8931	625548.24	4266113.97	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.10E-08	1.57E-08	6.66E-08	3.97E-08	7.54E-09	4.73E-08
8932	625548.41	4266104.03	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.09E-08	1.57E-08	6.66E-08	3.97E-08	7.54E-09	4.72E-08
8933	625548.57	4266094.1	2.57E-07	8.16E-08	3.39E-07	2.15E-07	6.11E-08	2.76E-07	5.09E-08	1.56E-08	6.65E-08	3.97E-08	7.53E-09	4.72E-08
8934	625548.73	4266084.17	2.57E-07	8.16E-08	3.39E-07	2.15E-07	6.11E-08	2.76E-07	5.09E-08	1.56E-08	6.65E-08	3.96E-08	7.53E-09	4.72E-08
8935	625548.9	4266074.23	2.57E-07	8.16E-08	3.38E-07	2.15E-07	6.11E-08	2.76E-07	5.08E-08	1.56E-08	6.65E-08	3.96E-08	7.53E-09	4.72E-08
8936	625549.06	4266064.3	2.57E-07	8.16E-08	3.38E-07	2.15E-07	6.11E-08	2.76E-07	5.09E-08	1.56E-08	6.65E-08	3.96E-08	7.53E-09	4.72E-08
8937	625549.22	4266054.37	2.57E-07	8.16E-08	3.39E-07	2.15E-07	6.11E-08	2.76E-07	5.09E-08	1.56E-08	6.65E-08	3.96E-08	7.53E-09	4.72E-08
8938	625549.39	4266044.43	2.57E-07	8.16E-08	3.39E-07	2.15E-07	6.11E-08	2.76E-07	5.09E-08	1.56E-08	6.65E-08	3.97E-08	7.53E-09	4.72E-08
8939	625549.55	4266034.5	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.11E-08	2.76E-07	5.09E-08	1.56E-08	6.65E-08	3.97E-08	7.54E-09	4.72E-08
8940	625549.71	4266024.57	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.09E-08	1.57E-08	6.66E-08	3.97E-08	7.54E-09	4.72E-08
8941	625549.88	4266014.63	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.09E-08	1.57E-08	6.66E-08	3.97E-08	7.54E-09	4.72E-08
8942	625550.04	4266004.7	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.09E-08	1.57E-08	6.66E-08	3.97E-08	7.54E-09	4.73E-08
8943	625550.21	4265994.77	2.57E-07	8.18E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.10E-08	1.57E-08	6.66E-08	3.97E-08	7.55E-09	4.73E-08
8944	625550.37	4265984.83	2.57E-07	8.18E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.10E-08	1.57E-08	6.66E-08	3.97E-08	7.55E-09	4.73E-08
8945	625550.53	4265974.9	2.57E-07	8.18E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.10E-08	1.57E-08	6.66E-08	3.97E-08	7.55E-09	4.73E-08
8946	625550.7	4265964.97	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.09E-08	1.57E-08	6.66E-08	3.97E-08	7.54E-09	4.73E-08
8947	625550.86	4265955.03	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.09E-08	1.57E-08	6.66E-08	3.97E-08	7.54E-09	4.72E-08
8948	625551.02	4265945.1	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.11E-08	2.76E-07	5.09E-08	1.56E-08	6.65E-08	3.97E-08	7.54E-09	4.72E-08
8949	625551.19	4265935.17	2.57E-07	8.16E-08	3.38E-07	2.15E-07	6.11E-08	2.76E-07	5.08E-08	1.56E-08	6.65E-08	3.96E-08	7.53E-09	4.72E-08
8950	625551.35	4265925.23	2.57E-07	8.15E-08	3.38E-07	2.14E-07	6.10E-08	2.75E-07	5.08E-08	1.56E-08	6.64E-08	3.96E-08	7.52E-09	4.71E-08

8951	625551.51	4265915.3	2.56E-07	8.14E-08	3.38E-07	2.14E-07	6.09E-08	2.75E-07	5.07E-08	1.56E-08	6.63E-08	3.95E-08	7.51E-09	4.70E-08
8952	625551.68	4265905.37	2.56E-07	8.12E-08	3.37E-07	2.14E-07	6.08E-08	2.75E-07	5.06E-08	1.56E-08	6.62E-08	3.95E-08	7.50E-09	4.70E-08
8953	625551.84	4265895.43	2.55E-07	8.11E-08	3.37E-07	2.14E-07	6.07E-08	2.74E-07	5.06E-08	1.55E-08	6.61E-08	3.94E-08	7.49E-09	4.69E-08
8954	625552	4265885.5	2.55E-07	8.10E-08	3.36E-07	2.13E-07	6.07E-08	2.74E-07	5.05E-08	1.55E-08	6.60E-08	3.94E-08	7.48E-09	4.68E-08
8955	625552.17	4265875.57	2.55E-07	8.09E-08	3.36E-07	2.13E-07	6.06E-08	2.73E-07	5.04E-08	1.55E-08	6.59E-08	3.93E-08	7.47E-09	4.68E-08
8956	625552.33	4265865.63	2.54E-07	8.08E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.04E-08	1.55E-08	6.59E-08	3.93E-08	7.46E-09	4.67E-08
8957	625552.49	4265855.7	2.54E-07	8.08E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.03E-08	1.55E-08	6.58E-08	3.92E-08	7.45E-09	4.67E-08
8958	625552.66	4265845.77	2.54E-07	8.07E-08	3.35E-07	2.12E-07	6.04E-08	2.73E-07	5.03E-08	1.55E-08	6.58E-08	3.92E-08	7.45E-09	4.67E-08
8959	625552.82	4265835.83	2.54E-07	8.08E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.03E-08	1.55E-08	6.58E-08	3.92E-08	7.45E-09	4.67E-08
8960	625552.99	4265825.9	2.54E-07	8.08E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.03E-08	1.55E-08	6.58E-08	3.92E-08	7.45E-09	4.67E-08
8961	625553.15	4265815.97	2.55E-07	8.08E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.04E-08	1.55E-08	6.59E-08	3.93E-08	7.46E-09	4.67E-08
8962	625553.31	4265806.03	2.55E-07	8.09E-08	3.36E-07	2.13E-07	6.06E-08	2.74E-07	5.05E-08	1.55E-08	6.60E-08	3.93E-08	7.47E-09	4.68E-08
8963	625553.48	4265796.1	2.56E-07	8.12E-08	3.37E-07	2.14E-07	6.08E-08	2.74E-07	5.06E-08	1.56E-08	6.61E-08	3.94E-08	7.49E-09	4.69E-08
8964	625553.64	4265786.17	2.56E-07	8.14E-08	3.38E-07	2.14E-07	6.10E-08	2.75E-07	5.08E-08	1.56E-08	6.64E-08	3.96E-08	7.52E-09	4.71E-08
8965	625553.8	4265776.23	2.58E-07	8.18E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.10E-08	1.57E-08	6.66E-08	3.97E-08	7.55E-09	4.73E-08
8966	625553.97	4265766.3	2.59E-07	8.22E-08	3.41E-07	2.16E-07	6.15E-08	2.78E-07	5.12E-08	1.57E-08	6.70E-08	3.99E-08	7.58E-09	4.75E-08
8967	625554.13	4265756.37	2.60E-07	8.26E-08	3.43E-07	2.17E-07	6.18E-08	2.79E-07	5.15E-08	1.58E-08	6.73E-08	4.01E-08	7.62E-09	4.78E-08
8968	625554.29	4265746.43	2.62E-07	8.31E-08	3.45E-07	2.19E-07	6.22E-08	2.81E-07	5.18E-08	1.59E-08	6.77E-08	4.04E-08	7.67E-09	4.80E-08
8969	625554.46	4265736.5	2.63E-07	8.36E-08	3.47E-07	2.20E-07	6.26E-08	2.83E-07	5.21E-08	1.60E-08	6.81E-08	4.06E-08	7.71E-09	4.83E-08
8970	625554.62	4265726.57	2.65E-07	8.41E-08	3.49E-07	2.21E-07	6.30E-08	2.84E-07	5.24E-08	1.61E-08	6.85E-08	4.09E-08	7.76E-09	4.86E-08
8971	625554.78	4265716.63	2.66E-07	8.46E-08	3.51E-07	2.23E-07	6.34E-08	2.86E-07	5.27E-08	1.62E-08	6.90E-08	4.11E-08	7.81E-09	4.89E-08
8972	625554.95	4265706.7	2.68E-07	8.51E-08	3.53E-07	2.24E-07	6.37E-08	2.88E-07	5.30E-08	1.63E-08	6.93E-08	4.13E-08	7.85E-09	4.92E-08
8973	625555.11	4265696.77	2.69E-07	8.56E-08	3.55E-07	2.25E-07	6.41E-08	2.89E-07	5.33E-08	1.64E-08	6.97E-08	4.16E-08	7.90E-09	4.95E-08
8974	625555.28	4265686.83	2.71E-07	8.60E-08	3.57E-07	2.26E-07	6.44E-08	2.91E-07	5.36E-08	1.65E-08	7.01E-08	4.18E-08	7.94E-09	4.97E-08
8975	625635.61	4266192.48	2.26E-07	7.18E-08	2.98E-07	1.89E-07	5.38E-08	2.43E-07	4.48E-08	1.38E-08	5.85E-08	3.49E-08	6.63E-09	4.15E-08
8976	625631.67	4266201.55	2.27E-07	7.22E-08	3.00E-07	1.90E-07	5.41E-08	2.44E-07	4.50E-08	1.38E-08	5.89E-08	3.51E-08	6.67E-09	4.18E-08
8977	625627.73	4266210.61	2.29E-07	7.26E-08	3.01E-07	1.91E-07	5.44E-08	2.45E-07	4.52E-08	1.39E-08	5.92E-08	3.53E-08	6.70E-09	4.20E-08
8978	625623.8	4266219.68	2.30E-07	7.29E-08	3.02E-07	1.92E-07	5.46E-08	2.46E-07	4.54E-08	1.40E-08	5.94E-08	3.54E-08	6.73E-09	4.22E-08
8979	625619.86	4266228.75	2.30E-07	7.32E-08	3.04E-07	1.93E-07	5.48E-08	2.47E-07	4.56E-08	1.40E-08	5.96E-08	3.56E-08	6.75E-09	4.23E-08
8980	625615.93	4266237.81	2.31E-07	7.34E-08	3.05E-07	1.93E-07	5.50E-08	2.48E-07	4.58E-08	1.41E-08	5.98E-08	3.57E-08	6.78E-09	4.25E-08
8981	625611.99	4266246.88	2.32E-07	7.37E-08	3.06E-07	1.94E-07	5.51E-08	2.49E-07	4.59E-08	1.41E-08	6.00E-08	3.58E-08	6.80E-09	4.26E-08
8982	625608.06	4266255.95	2.32E-07	7.38E-08	3.06E-07	1.94E-07	5.53E-08	2.50E-07	4.60E-08	1.41E-08	6.01E-08	3.59E-08	6.81E-09	4.27E-08
8983	625604.12	4266265.01	2.33E-07	7.39E-08	3.07E-07	1.95E-07	5.53E-08	2.50E-07	4.61E-08	1.42E-08	6.02E-08	3.59E-08	6.82E-09	4.27E-08
8984	625600.19	4266274.08	2.33E-07	7.40E-08	3.07E-07	1.95E-07	5.54E-08	2.50E-07	4.61E-08	1.42E-08	6.03E-08	3.59E-08	6.83E-09	4.28E-08
8985	625596.25	4266283.15	2.33E-07	7.40E-08	3.07E-07	1.95E-07	5.54E-08	2.50E-07	4.61E-08	1.42E-08	6.03E-08	3.59E-08	6.83E-09	4.28E-08
8986	625592.32	4266292.21	2.33E-07	7.39E-08	3.07E-07	1.95E-07	5.54E-08	2.50E-07	4.61E-08	1.42E-08	6.02E-08	3.59E-08	6.82E-09	4.27E-08
8987	625556.9	4266373.81	2.29E-07	7.26E-08	3.01E-07	1.91E-07	5.44E-08	2.46E-07	4.53E-08	1.39E-08	5.92E-08	3.53E-08	6.70E-09	4.20E-08
8988	625552.96	4266382.88	2.28E-07	7.25E-08	3.01E-07	1.91E-07	5.43E-08	2.45E-07	4.52E-08	1.39E-08	5.91E-08	3.52E-08	6.69E-09	4.19E-08
8989	625549.03	4266391.95	2.28E-07	7.24E-08	3.01E-07	1.91E-07	5.42E-08	2.45E-07	4.51E-08	1.39E-08	5.90E-08	3.52E-08	6.69E-09	4.19E-08
8990	625545.09	4266401.02	2.28E-07	7.24E-08	3.00E-07	1.91E-07	5.42E-08	2.45E-07	4.51E-08	1.39E-08	5.90E-08	3.52E-08	6.68E-09	4.19E-08
8991	625541.16	4266410.08	2.28E-07	7.24E-08	3.00E-07	1.91E-07	5.42E-08	2.45E-07	4.51E-08	1.39E-08	5.90E-08	3.52E-08	6.68E-09	4.19E-08
8992	625537.22	4266419.15	2.28E-07	7.24E-08	3.00E-07	1.91E-07	5.42E-08	2.45E-07	4.51E-08	1.39E-08	5.90E-08	3.52E-08	6.68E-09	4.19E-08
8993	625533.28	4266428.22	2.28E-07	7.25E-08	3.01E-07	1.91E-07	5.43E-08	2.45E-07	4.52E-08	1.39E-08	5.91E-08	3.52E-08	6.69E-09	4.19E-08
8994	625529.35	4266437.28	2.29E-07	7.26E-08	3.01E-07	1.91E-07	5.44E-08	2.45E-07	4.53E-08	1.39E-08	5.92E-08	3.53E-08	6.70E-09	4.20E-08
8995	625525.41	4266446.35	2.29E-07	7.28E-08	3.02E-07	1.92E-07	5.45E-08	2.46E-07	4.54E-08	1.39E-08	5.93E-08	3.54E-08	6.72E-09	4.21E-08
8996	625521.48	4266455.42	2.30E-07	7.30E-08	3.03E-07	1.92E-07	5.46E-08	2.47E-07	4.55E-08	1.40E-08	5.94E-08	3.54E-08	6.73E-09	4.22E-08
8997	625517.54	4266464.48	2.30E-07	7.32E-08	3.04E-07	1.93E-07	5.48E-08	2.47E-07	4.56E-08	1.40E-08	5.96E-08	3.56E-08	6.75E-09	4.23E-08
8998	625513.61	4266473.55	2.31E-07	7.34E-08	3.05E-07	1.93E-07	5.50E-08	2.48E-07	4.58E-08	1.41E-08	5.98E-08	3.57E-08	6.78E-09	4.25E-08
8999	625509.67	4266482.62	2.32E-07	7.37E-08	3.06E-07	1.94E-07	5.52E-08	2.49E-07	4.60E-08	1.41E-08	6.01E-08	3.58E-08	6.81E-09	4.26E-08
9000	625505.74	4266491.68	2.33E-07	7.41E-08	3.07E-07	1.95E-07	5.55E-08	2.50E-07	4.62E-08	1.42E-08	6.04E-08	3.60E-08	6.84E-09	4.28E-08
9001	625501.8	4266500.75	2.34E-07	7.44E-08	3.09E-07	1.96E-07	5.57E-08	2.52E-07	4.64E-08	1.43E-08	6.07E-08	3.62E-08	6.87E-09	4.30E-08
9002	625497.87	4266509.82	2.36E-07	7.48E-08	3.10E-07	1.97E-07	5.60E-08	2.53E-07	4.66E-08	1.43E-08	6.10E-08	3.64E-08	6.91E-09	4.33E-08
9003	625493.93	4266518.88	2.37E-07	7.53E-08	3.12E-07	1.98E-07	5.63E-08	2.54E-07	4.69E-08	1.44E-08	6.13E-08	3.66E-08	6.94E-09	4.35E-08
9004	625490	4266527.95	2.38E-07	7.57E-08	3.14E-07	1.99E-07	5.67E-08	2.56E-07	4.72E-08	1.45E-08	6.17E-08	3.68E-08	6.99E-09	4.38E-08
9005	625486.06	4266537.02	2.40E-07	7.62E-08	3.16E-07	2.00E-07	5.70E-08	2.57E-07	4.75E-08	1.46E-08	6.21E-08	3.70E-08	7.03E-09	4.40E-08
9006	625482.12	4266546.08	2.41E-07	7.66E-08	3.18E-07	2.02E-07	5.74E-08	2.59E-07	4.78E-08	1.47E-08	6.25E-08	3.72E-08	7.07E-09	4.43E-08
9007	625478.19	4266555.15	2.43E-07	7.71E-08	3.20E-07	2.03E-07	5.78E-08	2.61E-07	4.81E-08	1.48E-08	6.29E-08	3.75E-08	7.12E-09	4.46E-08
9008	625474.25	4266564.22	2.45E-07	7.76E-08	3.22E-07	2.04E-07	5.81E-08	2.63E-07	4.84E-08	1.49E-08	6.33E-08	3.77E-08	7.17E-09	4.49E-08
9009	625470.32	4266573.28	2.46E-07	7.82E-08	3.24E-07	2.06E-07	5.85E-08	2.64E-07	4.87E-08	1.50E-08	6.37E-08	3.80E-08	7.21E-09	4.52E-08
9010	625466.38	4266582.35	2.48E-07	7.87E-08	3.27E-07	2.07E-07	5.89E-08	2.66E-07	4.91E-08	1.51E-08	6.41E-08	3.82E-08	7.26E-09	4.55E-08
9011	625462.45	4266591.42	2.50E-07	7.92E-08	3.29E-07	2.09E-07	5.93E-08	2.68E-07	4.94E-08	1.52E-08	6.46E-08	3.85E-08	7.31E-09	4.58E-08
9012	625458.51	4266600.48	2.51E-07	7.98E-08	3.31E-07	2.10E-07	5.97E-08	2.70E-07	4.97E-08	1.53E-08	6.50E-08	3.88E-08	7.36E-09	4.61E-08
9013	625454.58	4266609.55	2.53E-07	8.03E-08	3.33E-07	2.11E-07	6.01E-08	2.72E-07	5.01E-08	1.54E-08	6.55E-08	3.90E-08	7.41E-09	4.64E-08
9014	625450.64	4266618.62	2.55E-07	8.09E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.04E-08	1.55E-08	6.59E-08	3.93E-08	7.46E-09	4.68E-08
9015	625446.71	4266627.68	2.56E-07	8.14E-08	3.38E-07	2.14E-07	6.09E-08	2.75E-07	5.07E-08	1.56E-08	6.63E-08	3.95E-08	7.51E-09	4.71E-08
9016	625442.77	4266636.75	2.58E-07	8.19E-08	3.40E-07	2.16E-07	6.13E-08	2.77E-07	5.11E-08	1.57E-08	6.67E-08	3.98E-08	7.56E-09	4.74E-08
9017	625438.83	4266645.82	2.60E-07	8.24E-08	3.42E-07	2.17E-07	6.17E-08	2.79E-07	5.14E-08	1.58E-08	6.72E-08	4.01E-08	7.61E-09	4.77E-08
9018	625434.9	4266654.88	2.61E-07	8.29E-08	3.44E-07	2.18E-07	6.21E-08	2.80E-07	5.17E-08	1.59E-08	6.76E-08	4.03E-08	7.65E-09	4.79E-08
9019	625430.96	4266663.95	2.63E-07	8.34E-08	3.46E-07	2.20E-07	6.24E-08	2.82E-07	5.20E-08	1.60E-08	6.80E-08	4.05E-08	7.70E-09	4.82E-08
9020	625427.03	4266673.02	2.64E-07	8.39E-08	3.48E-07	2.21E-07	6.28E-08	2.84E-07	5.23E-08	1.61E-08	6.83E-08	4.08E-08	7.74E-09	4.85E-08
9021	625423.09	4266682.08	2.66E-07	8.43E-08	3.50E-07	2.22E-07	6.31E-08	2.85E-07	5.26E-08	1.62E-08	6.87E-08	4.10E-08	7.78E-09	4.88E-08
9022	625419.16	4266691.15	2.67E-07	8.47E-08	3.52E-07	2.23E-07	6.34E-08	2.86E-07	5.28E-08	1.62E-08	6.91E-08	4.12E-08	7.82E-09	4.90E-08
9023	625415.22	4266700.22	2.68E-07	8.52E-08	3.53E-07	2.24E-07	6.38E-08	2.88E-07	5.31E-08	1.63E-08	6.94E-08	4.14E-08	7.86E-09	4.92E-08
9024	625411.29	4266709.28	2.69E-07	8.55E-08	3.55E-07	2.25E-07	6.40E-08	2.89E-07	5.33E-08	1.64E-08	6.97E-08	4.16E-08	7.89E-09	4.95E-08

9025	625407.35	4266718.35	2.70E-07	8.59E-08	3.56E-07	2.26E-07	6.43E-08	2.90E-07	5.35E-08	1.65E-08	7.00E-08	4.17E-08	7.93E-09	4.97E-08
9026	625394.22	4266731.04	2.76E-07	8.75E-08	3.63E-07	2.30E-07	6.55E-08	2.96E-07	5.46E-08	1.68E-08	7.13E-08	4.25E-08	8.08E-09	5.06E-08
9027	625385.02	4266734.66	2.80E-07	8.89E-08	3.69E-07	2.34E-07	6.65E-08	3.00E-07	5.54E-08	1.70E-08	7.24E-08	4.32E-08	8.20E-09	5.14E-08
9028	625375.83	4266738.28	2.84E-07	9.02E-08	3.74E-07	2.37E-07	6.75E-08	3.05E-07	5.62E-08	1.73E-08	7.35E-08	4.38E-08	8.32E-09	5.21E-08
9029	625366.63	4266741.91	2.88E-07	9.15E-08	3.80E-07	2.41E-07	6.85E-08	3.09E-07	5.70E-08	1.75E-08	7.46E-08	4.45E-08	8.45E-09	5.29E-08
9030	625357.43	4266745.53	2.92E-07	9.28E-08	3.85E-07	2.44E-07	6.95E-08	3.14E-07	5.79E-08	1.78E-08	7.56E-08	4.51E-08	8.57E-09	5.37E-08
9031	625348.24	4266749.15	2.96E-07	9.41E-08	3.91E-07	2.48E-07	7.05E-08	3.18E-07	5.87E-08	1.80E-08	7.67E-08	4.57E-08	8.69E-09	5.44E-08
9032	625339.04	4266752.77	3.01E-07	9.55E-08	3.96E-07	2.51E-07	7.15E-08	3.23E-07	5.95E-08	1.83E-08	7.78E-08	4.64E-08	8.81E-09	5.52E-08
9033	625329.84	4266756.39	3.05E-07	9.68E-08	4.01E-07	2.55E-07	7.25E-08	3.27E-07	6.03E-08	1.85E-08	7.89E-08	4.70E-08	8.93E-09	5.59E-08
9034	625320.65	4266760.02	3.09E-07	9.81E-08	4.07E-07	2.58E-07	7.34E-08	3.31E-07	6.11E-08	1.88E-08	7.99E-08	4.76E-08	9.05E-09	5.67E-08
9035	625311.45	4266763.64	3.13E-07	9.93E-08	4.12E-07	2.61E-07	7.44E-08	3.36E-07	6.19E-08	1.90E-08	8.10E-08	4.83E-08	9.17E-09	5.74E-08
9036	625302.25	4266767.26	3.17E-07	1.01E-07	4.17E-07	2.65E-07	7.53E-08	3.40E-07	6.27E-08	1.93E-08	8.20E-08	4.89E-08	9.29E-09	5.82E-08
9037	625293.06	4266770.88	3.21E-07	1.02E-07	4.23E-07	2.68E-07	7.63E-08	3.44E-07	6.35E-08	1.95E-08	8.30E-08	4.95E-08	9.40E-09	5.89E-08
9038	625283.86	4266774.5	3.25E-07	1.03E-07	4.28E-07	2.71E-07	7.72E-08	3.49E-07	6.43E-08	1.98E-08	8.40E-08	5.01E-08	9.52E-09	5.96E-08
9039	625274.67	4266778.13	3.29E-07	1.04E-07	4.33E-07	2.75E-07	7.81E-08	3.53E-07	6.51E-08	2.00E-08	8.51E-08	5.07E-08	9.63E-09	6.03E-08
9040	625265.47	4266781.75	3.32E-07	1.06E-07	4.38E-07	2.78E-07	7.91E-08	3.57E-07	6.58E-08	2.02E-08	8.60E-08	5.13E-08	9.74E-09	6.10E-08
9041	625256.27	4266785.37	3.36E-07	1.07E-07	4.43E-07	2.81E-07	8.00E-08	3.61E-07	6.66E-08	2.05E-08	8.70E-08	5.19E-08	9.86E-09	6.18E-08
9042	625247.08	4266788.99	3.40E-07	1.08E-07	4.48E-07	2.84E-07	8.09E-08	3.65E-07	6.73E-08	2.07E-08	8.80E-08	5.25E-08	9.97E-09	6.24E-08
9043	625237.88	4266792.61	3.44E-07	1.09E-07	4.53E-07	2.87E-07	8.17E-08	3.69E-07	6.80E-08	2.09E-08	8.90E-08	5.30E-08	1.01E-08	6.31E-08
9044	625228.68	4266796.24	3.47E-07	1.10E-07	4.58E-07	2.90E-07	8.26E-08	3.73E-07	6.88E-08	2.11E-08	8.99E-08	5.36E-08	1.02E-08	6.38E-08
9045	625219.49	4266799.86	3.51E-07	1.11E-07	4.62E-07	2.93E-07	8.35E-08	3.77E-07	6.95E-08	2.14E-08	9.08E-08	5.42E-08	1.03E-08	6.44E-08
9046	625210.29	4266803.48	3.54E-07	1.13E-07	4.67E-07	2.96E-07	8.43E-08	3.81E-07	7.02E-08	2.16E-08	9.17E-08	5.47E-08	1.04E-08	6.51E-08
9047	625201.09	4266807.1	3.58E-07	1.14E-07	4.72E-07	2.99E-07	8.51E-08	3.84E-07	7.09E-08	2.18E-08	9.26E-08	5.52E-08	1.05E-08	6.57E-08
9048	625191.9	4266810.72	3.61E-07	1.15E-07	4.76E-07	3.02E-07	8.59E-08	3.88E-07	7.15E-08	2.20E-08	9.35E-08	5.58E-08	1.06E-08	6.63E-08
9049	625182.7	4266814.35	3.65E-07	1.16E-07	4.80E-07	3.05E-07	8.67E-08	3.91E-07	7.22E-08	2.22E-08	9.43E-08	5.63E-08	1.07E-08	6.69E-08
9050	625173.5	4266817.97	3.68E-07	1.17E-07	4.85E-07	3.07E-07	8.74E-08	3.95E-07	7.28E-08	2.24E-08	9.52E-08	5.67E-08	1.08E-08	6.75E-08
9051	625164.31	4266821.59	3.71E-07	1.18E-07	4.89E-07	3.10E-07	8.82E-08	3.98E-07	7.34E-08	2.26E-08	9.60E-08	5.72E-08	1.09E-08	6.81E-08
9052	625155.11	4266825.21	3.74E-07	1.19E-07	4.93E-07	3.12E-07	8.89E-08	4.01E-07	7.40E-08	2.27E-08	9.67E-08	5.77E-08	1.10E-08	6.86E-08
9053	625145.92	4266828.83	3.77E-07	1.20E-07	4.96E-07	3.15E-07	8.95E-08	4.04E-07	7.45E-08	2.29E-08	9.75E-08	5.81E-08	1.10E-08	6.92E-08
9054	625136.72	4266832.46	3.79E-07	1.20E-07	5.00E-07	3.17E-07	9.02E-08	4.07E-07	7.51E-08	2.31E-08	9.82E-08	5.85E-08	1.11E-08	6.96E-08
9055	625127.52	4266836.08	3.82E-07	1.21E-07	5.03E-07	3.19E-07	9.08E-08	4.10E-07	7.56E-08	2.32E-08	9.88E-08	5.89E-08	1.12E-08	7.01E-08
9056	625118.33	4266839.7	3.84E-07	1.22E-07	5.06E-07	3.21E-07	9.14E-08	4.13E-07	7.61E-08	2.34E-08	9.94E-08	5.93E-08	1.13E-08	7.05E-08
9057	625109.13	4266843.32	3.86E-07	1.23E-07	5.09E-07	3.23E-07	9.19E-08	4.15E-07	7.65E-08	2.35E-08	1.00E-07	5.96E-08	1.13E-08	7.10E-08
9058	625099.93	4266846.94	3.89E-07	1.23E-07	5.12E-07	3.25E-07	9.24E-08	4.17E-07	7.69E-08	2.36E-08	1.01E-07	6.00E-08	1.14E-08	7.13E-08
9059	625090.74	4266850.57	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.28E-08	4.19E-07	7.73E-08	2.38E-08	1.01E-07	6.02E-08	1.14E-08	7.17E-08
9060	625081.54	4266854.19	3.92E-07	1.25E-07	5.17E-07	3.28E-07	9.33E-08	4.21E-07	7.76E-08	2.39E-08	1.02E-07	6.05E-08	1.15E-08	7.20E-08
9061	625072.34	4266857.81	3.94E-07	1.25E-07	5.19E-07	3.29E-07	9.37E-08	4.23E-07	7.80E-08	2.40E-08	1.02E-07	6.08E-08	1.15E-08	7.23E-08
9062	625063.15	4266861.43	3.95E-07	1.26E-07	5.21E-07	3.30E-07	9.40E-08	4.25E-07	7.83E-08	2.41E-08	1.02E-07	6.10E-08	1.16E-08	7.26E-08
9063	625053.95	4266865.05	3.97E-07	1.26E-07	5.23E-07	3.32E-07	9.43E-08	4.26E-07	7.85E-08	2.41E-08	1.03E-07	6.12E-08	1.16E-08	7.29E-08
9064	625044.75	4266868.68	3.98E-07	1.26E-07	5.24E-07	3.33E-07	9.46E-08	4.27E-07	7.88E-08	2.42E-08	1.03E-07	6.14E-08	1.17E-08	7.31E-08
9065	625035.56	4266872.3	3.99E-07	1.27E-07	5.26E-07	3.34E-07	9.49E-08	4.28E-07	7.90E-08	2.43E-08	1.03E-07	6.16E-08	1.17E-08	7.33E-08
9066	625026.36	4266875.92	4.00E-07	1.27E-07	5.27E-07	3.34E-07	9.51E-08	4.30E-07	7.92E-08	2.43E-08	1.04E-07	6.17E-08	1.17E-08	7.35E-08
9067	625017.16	4266879.54	4.01E-07	1.27E-07	5.28E-07	3.35E-07	9.53E-08	4.30E-07	7.94E-08	2.44E-08	1.04E-07	6.19E-08	1.17E-08	7.36E-08
9068	625007.97	4266883.16	4.02E-07	1.28E-07	5.29E-07	3.36E-07	9.55E-08	4.31E-07	7.95E-08	2.44E-08	1.04E-07	6.20E-08	1.18E-08	7.37E-08
9069	624998.77	4266886.79	4.02E-07	1.28E-07	5.30E-07	3.36E-07	9.56E-08	4.32E-07	7.96E-08	2.45E-08	1.04E-07	6.20E-08	1.18E-08	7.38E-08
9070	624989.58	4266890.41	4.02E-07	1.28E-07	5.30E-07	3.36E-07	9.57E-08	4.32E-07	7.96E-08	2.45E-08	1.04E-07	6.21E-08	1.18E-08	7.39E-08
9071	624980.38	4266894.03	4.02E-07	1.28E-07	5.30E-07	3.36E-07	9.57E-08	4.32E-07	7.97E-08	2.45E-08	1.04E-07	6.21E-08	1.18E-08	7.39E-08
9072	624971.18	4266897.65	4.02E-07	1.28E-07	5.30E-07	3.36E-07	9.57E-08	4.32E-07	7.96E-08	2.45E-08	1.04E-07	6.21E-08	1.18E-08	7.39E-08
9073	624961.99	4266901.27	4.02E-07	1.28E-07	5.30E-07	3.36E-07	9.56E-08	4.32E-07	7.96E-08	2.45E-08	1.04E-07	6.20E-08	1.18E-08	7.38E-08
9074	624952.79	4266904.9	4.02E-07	1.28E-07	5.29E-07	3.36E-07	9.55E-08	4.31E-07	7.95E-08	2.44E-08	1.04E-07	6.20E-08	1.18E-08	7.37E-08
9075	624943.59	4266908.52	4.01E-07	1.27E-07	5.28E-07	3.35E-07	9.53E-08	4.30E-07	7.94E-08	2.44E-08	1.04E-07	6.19E-08	1.18E-08	7.36E-08
9076	624934.4	4266912.14	4.00E-07	1.27E-07	5.27E-07	3.34E-07	9.51E-08	4.30E-07	7.92E-08	2.43E-08	1.04E-07	6.17E-08	1.17E-08	7.35E-08
9077	624925.2	4266915.76	3.99E-07	1.27E-07	5.26E-07	3.34E-07	9.49E-08	4.28E-07	7.90E-08	2.43E-08	1.03E-07	6.16E-08	1.17E-08	7.33E-08
9078	624916	4266919.38	3.98E-07	1.26E-07	5.24E-07	3.33E-07	9.46E-08	4.27E-07	7.88E-08	2.42E-08	1.03E-07	6.14E-08	1.17E-08	7.31E-08
9079	624906.81	4266923.01	3.97E-07	1.26E-07	5.23E-07	3.31E-07	9.43E-08	4.26E-07	7.85E-08	2.41E-08	1.03E-07	6.12E-08	1.16E-08	7.28E-08
9080	624897.61	4266926.63	3.95E-07	1.25E-07	5.21E-07	3.30E-07	9.39E-08	4.24E-07	7.82E-08	2.40E-08	1.02E-07	6.10E-08	1.16E-08	7.25E-08
9081	624888.41	4266930.25	3.94E-07	1.25E-07	5.18E-07	3.29E-07	9.36E-08	4.22E-07	7.79E-08	2.39E-08	1.02E-07	6.07E-08	1.15E-08	7.23E-08
9082	624879.22	4266933.87	3.92E-07	1.24E-07	5.16E-07	3.27E-07	9.32E-08	4.21E-07	7.76E-08	2.38E-08	1.01E-07	6.05E-08	1.15E-08	7.19E-08
9083	624870.02	4266937.49	3.90E-07	1.24E-07	5.14E-07	3.26E-07	9.27E-08	4.19E-07	7.72E-08	2.37E-08	1.01E-07	6.02E-08	1.14E-08	7.16E-08
9084	624860.83	4266941.12	3.88E-07	1.23E-07	5.11E-07	3.24E-07	9.23E-08	4.17E-07	7.68E-08	2.36E-08	1.00E-07	5.99E-08	1.14E-08	7.13E-08
9085	624851.63	4266944.74	3.86E-07	1.23E-07	5.09E-07	3.23E-07	9.18E-08	4.15E-07	7.64E-08	2.35E-08	9.99E-08	5.96E-08	1.13E-08	7.09E-08
9086	624842.43	4266948.36	3.84E-07	1.22E-07	5.06E-07	3.21E-07	9.13E-08	4.12E-07	7.60E-08	2.34E-08	9.94E-08	5.93E-08	1.13E-08	7.05E-08
9087	625647.41	4266165.28	2.22E-07	7.05E-08	2.92E-07	1.86E-07	5.28E-08	2.38E-07	4.39E-08	1.35E-08	5.74E-08	3.42E-08	6.51E-09	4.08E-08
9088	625647.58	4266155.35	2.22E-07	7.04E-08	2.92E-07	1.85E-07	5.27E-08	2.38E-07	4.39E-08	1.35E-08	5.74E-08	3.42E-08	6.50E-09	4.07E-08
9089	625647.74	4266145.41	2.21E-07	7.03E-08	2.92E-07	1.85E-07	5.26E-08	2.38E-07	4.38E-08	1.35E-08	5.73E-08	3.42E-08	6.49E-09	4.06E-08
9090	625647.9	4266135.48	2.21E-07	7.02E-08	2.91E-07	1.85E-07	5.25E-08	2.37E-07	4.37E-08	1.34E-08	5.72E-08	3.41E-08	6.48E-09	4.06E-08
9091	625648.07	4266125.55	2.21E-07	7.00E-08	2.91E-07	1.84E-07	5.24E-08	2.37E-07	4.37E-08	1.34E-08	5.71E-08	3.40E-08	6.46E-09	4.05E-08
9092	625648.23	4266115.61	2.20E-07	6.99E-08	2.90E-07	1.84E-07	5.23E-08	2.36E-07	4.36E-08	1.34E-08	5.70E-08	3.40E-08	6.45E-09	4.04E-08
9093	625648.39	4266105.68	2.20E-07	6.98E-08	2.90E-07	1.84E-07	5.23E-08	2.36E-07	4.35E-08	1.34E-08	5.69E-08	3.39E-08	6.44E-09	4.03E-08
9094	625648.56	4266095.75	2.19E-07	6.97E-08	2.89E-07	1.83E-07	5.22E-08	2.36E-07	4.34E-08	1.33E-08	5.68E-08	3.38E-08	6.43E-09	4.03E-08
9095	625648.72	4266085.81	2.19E-07	6.96E-08	2.89E-07	1.83E-07	5.21E-08	2.35E-07	4.34E-08	1.33E-08	5.67E-08	3.38E-08	6.42E-09	4.02E-08
9096	625648.88	4266075.88	2.19E-07	6.94E-08	2.88E-07	1.83E-07	5.20E-08	2.35E-07	4.33E-08	1.33E-08	5.66E-08	3.37E-08	6.41E-09	4.02E-08
9097	625649.05	4266065.95	2.18E-07	6.93E-08	2.88E-07	1.82E-07	5.19E-08	2.34E-07	4.32E-08	1.33E-08	5.65E-08	3.37E-08	6.40E-09	4.01E-08
9098	625649.21	4266056.01	2.18E-07	6.92E-08	2.87E-07	1.82E-07	5.18E-08	2.34E-07	4.32E-08	1.33E-08	5.64E-08	3.36E-08	6.39E-09	4.00E-08

9099	625649.37	4266046.08	2.18E-07	6.91E-08	2.87E-07	1.82E-07	5.18E-08	2.34E-07	4.31E-08	1.32E-08	5.63E-08	3.36E-08	6.38E-09	4.00E-08
9100	625649.54	4266036.15	2.17E-07	6.90E-08	2.86E-07	1.82E-07	5.17E-08	2.33E-07	4.30E-08	1.32E-08	5.63E-08	3.35E-08	6.37E-09	3.99E-08
9101	625649.7	4266026.21	2.17E-07	6.89E-08	2.86E-07	1.81E-07	5.16E-08	2.33E-07	4.30E-08	1.32E-08	5.62E-08	3.35E-08	6.36E-09	3.99E-08
9102	625649.86	4266016.28	2.17E-07	6.88E-08	2.86E-07	1.81E-07	5.15E-08	2.33E-07	4.29E-08	1.32E-08	5.61E-08	3.34E-08	6.35E-09	3.98E-08
9103	625650.03	4266006.35	2.16E-07	6.87E-08	2.85E-07	1.81E-07	5.14E-08	2.32E-07	4.28E-08	1.32E-08	5.60E-08	3.34E-08	6.34E-09	3.97E-08
9104	625650.19	4265996.41	2.16E-07	6.86E-08	2.85E-07	1.81E-07	5.14E-08	2.32E-07	4.28E-08	1.31E-08	5.59E-08	3.33E-08	6.33E-09	3.97E-08
9105	625650.36	4265986.48	2.16E-07	6.85E-08	2.84E-07	1.80E-07	5.13E-08	2.32E-07	4.27E-08	1.31E-08	5.58E-08	3.33E-08	6.32E-09	3.96E-08
9106	625650.52	4265976.55	2.15E-07	6.83E-08	2.84E-07	1.80E-07	5.12E-08	2.31E-07	4.26E-08	1.31E-08	5.57E-08	3.32E-08	6.31E-09	3.95E-08
9107	625650.68	4265966.61	2.15E-07	6.82E-08	2.83E-07	1.79E-07	5.10E-08	2.30E-07	4.25E-08	1.31E-08	5.55E-08	3.31E-08	6.29E-09	3.94E-08
9108	625650.85	4265956.68	2.14E-07	6.80E-08	2.82E-07	1.79E-07	5.09E-08	2.30E-07	4.24E-08	1.30E-08	5.54E-08	3.30E-08	6.27E-09	3.93E-08
9109	625651.01	4265946.75	2.13E-07	6.78E-08	2.81E-07	1.78E-07	5.08E-08	2.29E-07	4.23E-08	1.30E-08	5.52E-08	3.29E-08	6.26E-09	3.92E-08
9110	625651.17	4265936.81	2.13E-07	6.76E-08	2.81E-07	1.78E-07	5.06E-08	2.29E-07	4.21E-08	1.30E-08	5.51E-08	3.29E-08	6.24E-09	3.91E-08
9111	625651.34	4265926.88	2.12E-07	6.74E-08	2.80E-07	1.77E-07	5.05E-08	2.28E-07	4.20E-08	1.29E-08	5.50E-08	3.28E-08	6.22E-09	3.90E-08
9112	625651.5	4265916.95	2.12E-07	6.73E-08	2.79E-07	1.77E-07	5.04E-08	2.27E-07	4.19E-08	1.29E-08	5.48E-08	3.27E-08	6.21E-09	3.89E-08
9113	625651.66	4265907.01	2.11E-07	6.71E-08	2.78E-07	1.77E-07	5.03E-08	2.27E-07	4.18E-08	1.29E-08	5.47E-08	3.26E-08	6.19E-09	3.88E-08
9114	625651.83	4265897.08	2.11E-07	6.70E-08	2.78E-07	1.76E-07	5.02E-08	2.26E-07	4.18E-08	1.28E-08	5.46E-08	3.25E-08	6.18E-09	3.87E-08
9115	625651.99	4265887.15	2.10E-07	6.68E-08	2.77E-07	1.76E-07	5.00E-08	2.26E-07	4.16E-08	1.28E-08	5.44E-08	3.25E-08	6.17E-09	3.86E-08
9116	625652.15	4265877.21	2.10E-07	6.66E-08	2.77E-07	1.75E-07	4.99E-08	2.25E-07	4.15E-08	1.28E-08	5.43E-08	3.24E-08	6.15E-09	3.85E-08
9117	625652.32	4265867.28	2.09E-07	6.65E-08	2.76E-07	1.75E-07	4.98E-08	2.25E-07	4.14E-08	1.27E-08	5.42E-08	3.23E-08	6.14E-09	3.84E-08
9118	625652.48	4265857.35	2.09E-07	6.65E-08	2.76E-07	1.75E-07	4.98E-08	2.25E-07	4.14E-08	1.27E-08	5.42E-08	3.23E-08	6.13E-09	3.84E-08
9119	625652.64	4265847.41	2.09E-07	6.65E-08	2.76E-07	1.75E-07	4.98E-08	2.25E-07	4.14E-08	1.27E-08	5.42E-08	3.23E-08	6.13E-09	3.84E-08
9120	625652.81	4265837.48	2.09E-07	6.65E-08	2.76E-07	1.75E-07	4.98E-08	2.25E-07	4.15E-08	1.27E-08	5.42E-08	3.23E-08	6.14E-09	3.85E-08
9121	625652.97	4265827.55	2.10E-07	6.66E-08	2.76E-07	1.75E-07	4.98E-08	2.25E-07	4.15E-08	1.28E-08	5.42E-08	3.23E-08	6.14E-09	3.85E-08
9122	625653.14	4265817.61	2.10E-07	6.67E-08	2.77E-07	1.76E-07	4.99E-08	2.25E-07	4.16E-08	1.28E-08	5.43E-08	3.24E-08	6.15E-09	3.86E-08
9123	625653.3	4265807.68	2.10E-07	6.68E-08	2.77E-07	1.76E-07	5.00E-08	2.26E-07	4.17E-08	1.28E-08	5.45E-08	3.25E-08	6.17E-09	3.86E-08
9124	625653.46	4265797.75	2.11E-07	6.70E-08	2.78E-07	1.76E-07	5.02E-08	2.27E-07	4.18E-08	1.28E-08	5.46E-08	3.26E-08	6.19E-09	3.87E-08
9125	625653.63	4265787.81	2.12E-07	6.72E-08	2.79E-07	1.77E-07	5.03E-08	2.27E-07	4.19E-08	1.29E-08	5.48E-08	3.27E-08	6.21E-09	3.89E-08
9126	625653.79	4265777.88	2.13E-07	6.75E-08	2.80E-07	1.78E-07	5.05E-08	2.28E-07	4.21E-08	1.29E-08	5.50E-08	3.28E-08	6.23E-09	3.90E-08
9127	625653.95	4265767.95	2.14E-07	6.78E-08	2.81E-07	1.79E-07	5.08E-08	2.29E-07	4.23E-08	1.30E-08	5.53E-08	3.30E-08	6.26E-09	3.92E-08
9128	625654.12	4265758.01	2.15E-07	6.82E-08	2.83E-07	1.80E-07	5.11E-08	2.31E-07	4.25E-08	1.31E-08	5.56E-08	3.32E-08	6.30E-09	3.94E-08
9129	625654.28	4265748.08	2.16E-07	6.87E-08	2.85E-07	1.81E-07	5.14E-08	2.32E-07	4.28E-08	1.32E-08	5.59E-08	3.34E-08	6.34E-09	3.97E-08
9130	625654.44	4265738.15	2.18E-07	6.91E-08	2.87E-07	1.82E-07	5.17E-08	2.34E-07	4.31E-08	1.32E-08	5.63E-08	3.36E-08	6.38E-09	3.99E-08
9131	625654.61	4265728.21	2.19E-07	6.95E-08	2.88E-07	1.83E-07	5.20E-08	2.35E-07	4.33E-08	1.33E-08	5.66E-08	3.38E-08	6.42E-09	4.02E-08
9132	625654.77	4265718.28	2.20E-07	7.00E-08	2.90E-07	1.84E-07	5.24E-08	2.37E-07	4.36E-08	1.34E-08	5.70E-08	3.40E-08	6.46E-09	4.04E-08
9133	625654.93	4265708.35	2.22E-07	7.04E-08	2.92E-07	1.85E-07	5.27E-08	2.38E-07	4.39E-08	1.35E-08	5.74E-08	3.42E-08	6.50E-09	4.07E-08
9134	625655.1	4265698.41	2.23E-07	7.09E-08	2.94E-07	1.87E-07	5.31E-08	2.40E-07	4.42E-08	1.36E-08	5.78E-08	3.45E-08	6.55E-09	4.10E-08
9135	625655.26	4265688.48	2.25E-07	7.14E-08	2.96E-07	1.88E-07	5.35E-08	2.41E-07	4.45E-08	1.37E-08	5.82E-08	3.47E-08	6.59E-09	4.13E-08
9136	625735.63	4266194.03	1.97E-07	6.27E-08	2.60E-07	1.65E-07	4.70E-08	2.12E-07	3.91E-08	1.20E-08	5.11E-08	3.05E-08	5.79E-09	3.63E-08
9137	625731.71	4266203.06	1.99E-07	6.31E-08	2.62E-07	1.66E-07	4.72E-08	2.13E-07	3.93E-08	1.21E-08	5.14E-08	3.06E-08	5.82E-09	3.65E-08
9138	625727.79	4266212.1	2.00E-07	6.34E-08	2.63E-07	1.67E-07	4.75E-08	2.14E-07	3.95E-08	1.21E-08	5.17E-08	3.08E-08	5.85E-09	3.67E-08
9139	625723.87	4266221.13	2.01E-07	6.37E-08	2.64E-07	1.68E-07	4.77E-08	2.15E-07	3.97E-08	1.22E-08	5.19E-08	3.09E-08	5.88E-09	3.68E-08
9140	625719.95	4266230.17	2.01E-07	6.40E-08	2.65E-07	1.68E-07	4.79E-08	2.16E-07	3.99E-08	1.23E-08	5.21E-08	3.11E-08	5.90E-09	3.70E-08
9141	625716.03	4266239.2	2.02E-07	6.42E-08	2.66E-07	1.69E-07	4.81E-08	2.17E-07	4.00E-08	1.23E-08	5.23E-08	3.12E-08	5.93E-09	3.71E-08
9142	625712.11	4266248.23	2.03E-07	6.44E-08	2.67E-07	1.70E-07	4.82E-08	2.18E-07	4.02E-08	1.23E-08	5.25E-08	3.13E-08	5.95E-09	3.72E-08
9143	625708.18	4266257.27	2.03E-07	6.46E-08	2.68E-07	1.70E-07	4.84E-08	2.18E-07	4.03E-08	1.24E-08	5.26E-08	3.14E-08	5.96E-09	3.73E-08
9144	625704.26	4266266.3	2.04E-07	6.47E-08	2.68E-07	1.70E-07	4.84E-08	2.19E-07	4.03E-08	1.24E-08	5.27E-08	3.14E-08	5.97E-09	3.74E-08
9145	625700.34	4266275.34	2.04E-07	6.48E-08	2.69E-07	1.70E-07	4.85E-08	2.19E-07	4.04E-08	1.24E-08	5.28E-08	3.15E-08	5.98E-09	3.74E-08
9146	625696.42	4266284.37	2.04E-07	6.48E-08	2.69E-07	1.71E-07	4.85E-08	2.19E-07	4.04E-08	1.24E-08	5.28E-08	3.15E-08	5.98E-09	3.75E-08
9147	625692.5	4266293.41	2.04E-07	6.48E-08	2.69E-07	1.70E-07	4.85E-08	2.19E-07	4.04E-08	1.24E-08	5.28E-08	3.15E-08	5.98E-09	3.75E-08
9148	625688.58	4266302.44	2.04E-07	6.47E-08	2.69E-07	1.70E-07	4.85E-08	2.19E-07	4.03E-08	1.24E-08	5.27E-08	3.14E-08	5.97E-09	3.74E-08
9149	625684.66	4266311.48	2.04E-07	6.46E-08	2.68E-07	1.70E-07	4.84E-08	2.18E-07	4.03E-08	1.24E-08	5.27E-08	3.14E-08	5.96E-09	3.74E-08
9150	625680.73	4266320.51	2.03E-07	6.45E-08	2.68E-07	1.70E-07	4.83E-08	2.18E-07	4.02E-08	1.24E-08	5.26E-08	3.13E-08	5.95E-09	3.73E-08
9151	625676.81	4266329.54	2.03E-07	6.43E-08	2.67E-07	1.69E-07	4.82E-08	2.18E-07	4.01E-08	1.23E-08	5.24E-08	3.13E-08	5.94E-09	3.72E-08
9152	625672.89	4266338.58	2.02E-07	6.42E-08	2.66E-07	1.69E-07	4.80E-08	2.17E-07	4.00E-08	1.23E-08	5.23E-08	3.12E-08	5.92E-09	3.71E-08
9153	625668.97	4266347.61	2.01E-07	6.40E-08	2.65E-07	1.68E-07	4.79E-08	2.16E-07	3.99E-08	1.23E-08	5.21E-08	3.11E-08	5.90E-09	3.70E-08
9154	625665.05	4266356.65	2.01E-07	6.37E-08	2.64E-07	1.68E-07	4.77E-08	2.15E-07	3.97E-08	1.22E-08	5.19E-08	3.10E-08	5.88E-09	3.68E-08
9155	625661.13	4266365.68	2.00E-07	6.35E-08	2.63E-07	1.67E-07	4.75E-08	2.15E-07	3.96E-08	1.22E-08	5.17E-08	3.08E-08	5.86E-09	3.67E-08
9156	625657.21	4266374.72	1.99E-07	6.32E-08	2.62E-07	1.66E-07	4.73E-08	2.14E-07	3.94E-08	1.21E-08	5.15E-08	3.07E-08	5.83E-09	3.66E-08
9157	625653.29	4266383.75	1.98E-07	6.30E-08	2.61E-07	1.66E-07	4.72E-08	2.13E-07	3.93E-08	1.21E-08	5.13E-08	3.06E-08	5.81E-09	3.64E-08
9158	625649.36	4266392.78	1.98E-07	6.28E-08	2.61E-07	1.65E-07	4.70E-08	2.12E-07	3.91E-08	1.20E-08	5.12E-08	3.05E-08	5.80E-09	3.63E-08
9159	625645.44	4266401.82	1.97E-07	6.26E-08	2.60E-07	1.65E-07	4.69E-08	2.12E-07	3.90E-08	1.20E-08	5.10E-08	3.04E-08	5.78E-09	3.62E-08
9160	625641.52	4266410.85	1.97E-07	6.25E-08	2.59E-07	1.64E-07	4.68E-08	2.11E-07	3.89E-08	1.20E-08	5.09E-08	3.03E-08	5.76E-09	3.61E-08
9161	625637.6	4266419.89	1.96E-07	6.23E-08	2.59E-07	1.64E-07	4.67E-08	2.11E-07	3.88E-08	1.19E-08	5.08E-08	3.03E-08	5.75E-09	3.60E-08
9162	625633.68	4266428.92	1.96E-07	6.22E-08	2.58E-07	1.64E-07	4.66E-08	2.10E-07	3.88E-08	1.19E-08	5.07E-08	3.02E-08	5.74E-09	3.60E-08
9163	625570.94	4266573.47	2.03E-07	6.46E-08	2.68E-07	1.70E-07	4.84E-08	2.18E-07	4.03E-08	1.24E-08	5.27E-08	3.14E-08	5.96E-09	3.74E-08
9164	625567.02	4266582.51	2.05E-07	6.50E-08	2.70E-07	1.71E-07	4.86E-08	2.20E-07	4.05E-08	1.24E-08	5.29E-08	3.16E-08	6.00E-09	3.76E-08
9165	625563.09	4266591.54	2.06E-07	6.53E-08	2.71E-07	1.72E-07	4.89E-08	2.21E-07	4.07E-08	1.25E-08	5.32E-08	3.17E-08	6.03E-09	3.78E-08
9166	625559.17	4266600.58	2.07E-07	6.57E-08	2.73E-07	1.73E-07	4.92E-08	2.22E-07	4.10E-08	1.26E-08	5.36E-08	3.19E-08	6.07E-09	3.80E-08
9167	625555.25	4266609.61	2.08E-07	6.61E-08	2.74E-07	1.74E-07	4.95E-08	2.24E-07	4.12E-08	1.27E-08	5.39E-08	3.21E-08	6.10E-09	3.82E-08
9168	625551.33	4266618.64	2.09E-07	6.65E-08	2.76E-07	1.75E-07	4.98E-08	2.25E-07	4.15E-08	1.27E-08	5.42E-08	3.23E-08	6.14E-09	3.85E-08
9169	625547.41	4266627.68	2.11E-07	6.69E-08	2.78E-07	1.76E-07	5.01E-08	2.26E-07	4.17E-08	1.28E-08	5.46E-08	3.25E-08	6.18E-09	3.87E-08
9170	625543.49	4266636.71	2.12E-07	6.74E-08	2.80E-07	1.77E-07	5.05E-08	2.28E-07	4.20E-08	1.29E-08	5.49E-08	3.27E-08	6.22E-09	3.90E-08
9171	625539.57	4266645.75	2.14E-07	6.78E-08	2.81E-07	1.79E-07	5.08E-08	2.29E-07	4.23E-08	1.30E-08	5.53E-08	3.30E-08	6.26E-09	3.92E-08
9172	625535.64	4266654.78	2.15E-07	6.83E-08	2.83E-07	1.80E-07	5.11E-08	2.31E-07	4.25E-08	1.31E-08	5.56E-08	3.32E-08	6.30E-09	3.95E-08

9173	625531.72	4266663.82	2.16E-07	6.87E-08	2.85E-07	1.81E-07	5.14E-08	2.32E-07	4.28E-08	1.32E-08	5.60E-08	3.34E-08	6.34E-09	3.97E-08
9174	625527.8	4266672.85	2.18E-07	6.92E-08	2.87E-07	1.82E-07	5.18E-08	2.34E-07	4.31E-08	1.33E-08	5.64E-08	3.36E-08	6.38E-09	4.00E-08
9175	625523.88	4266681.89	2.19E-07	6.96E-08	2.89E-07	1.83E-07	5.21E-08	2.35E-07	4.34E-08	1.33E-08	5.67E-08	3.38E-08	6.42E-09	4.02E-08
9176	625519.96	4266690.92	2.21E-07	7.01E-08	2.91E-07	1.84E-07	5.25E-08	2.37E-07	4.37E-08	1.34E-08	5.71E-08	3.40E-08	6.47E-09	4.05E-08
9177	625516.04	4266699.95	2.22E-07	7.05E-08	2.92E-07	1.86E-07	5.28E-08	2.38E-07	4.39E-08	1.35E-08	5.74E-08	3.42E-08	6.51E-09	4.08E-08
9178	625512.12	4266708.99	2.23E-07	7.09E-08	2.94E-07	1.87E-07	5.31E-08	2.40E-07	4.42E-08	1.36E-08	5.78E-08	3.45E-08	6.55E-09	4.10E-08
9179	625508.2	4266718.02	2.25E-07	7.13E-08	2.96E-07	1.88E-07	5.34E-08	2.41E-07	4.45E-08	1.37E-08	5.81E-08	3.47E-08	6.58E-09	4.12E-08
9180	625504.27	4266727.06	2.26E-07	7.18E-08	2.98E-07	1.89E-07	5.37E-08	2.43E-07	4.47E-08	1.37E-08	5.85E-08	3.49E-08	6.62E-09	4.15E-08
9181	625500.35	4266736.09	2.27E-07	7.22E-08	2.99E-07	1.90E-07	5.40E-08	2.44E-07	4.50E-08	1.38E-08	5.88E-08	3.51E-08	6.66E-09	4.17E-08
9182	625496.43	4266745.13	2.28E-07	7.25E-08	3.01E-07	1.91E-07	5.43E-08	2.45E-07	4.52E-08	1.39E-08	5.91E-08	3.52E-08	6.70E-09	4.19E-08
9183	625492.51	4266754.16	2.30E-07	7.29E-08	3.03E-07	1.92E-07	5.46E-08	2.47E-07	4.54E-08	1.40E-08	5.94E-08	3.54E-08	6.73E-09	4.22E-08
9184	625488.59	4266763.19	2.31E-07	7.33E-08	3.04E-07	1.93E-07	5.49E-08	2.48E-07	4.57E-08	1.40E-08	5.97E-08	3.56E-08	6.76E-09	4.24E-08
9185	625484.67	4266772.23	2.32E-07	7.36E-08	3.05E-07	1.94E-07	5.51E-08	2.49E-07	4.59E-08	1.41E-08	6.00E-08	3.58E-08	6.79E-09	4.26E-08
9186	625480.75	4266781.26	2.33E-07	7.39E-08	3.07E-07	1.95E-07	5.53E-08	2.50E-07	4.61E-08	1.42E-08	6.02E-08	3.59E-08	6.82E-09	4.27E-08
9187	625476.82	4266790.3	2.34E-07	7.42E-08	3.08E-07	1.95E-07	5.56E-08	2.51E-07	4.63E-08	1.42E-08	6.05E-08	3.61E-08	6.85E-09	4.29E-08
9188	625463.74	4266802.94	2.38E-07	7.55E-08	3.13E-07	1.99E-07	5.65E-08	2.55E-07	4.71E-08	1.45E-08	6.15E-08	3.67E-08	6.97E-09	4.37E-08
9189	625454.58	4266806.55	2.41E-07	7.66E-08	3.18E-07	2.02E-07	5.73E-08	2.59E-07	4.77E-08	1.47E-08	6.24E-08	3.72E-08	7.07E-09	4.43E-08
9190	625445.41	4266810.16	2.44E-07	7.76E-08	3.22E-07	2.04E-07	5.81E-08	2.62E-07	4.84E-08	1.49E-08	6.32E-08	3.77E-08	7.16E-09	4.49E-08
9191	625436.25	4266813.77	2.48E-07	7.86E-08	3.26E-07	2.07E-07	5.89E-08	2.66E-07	4.90E-08	1.51E-08	6.41E-08	3.82E-08	7.26E-09	4.55E-08
9192	625427.08	4266817.38	2.51E-07	7.97E-08	3.31E-07	2.10E-07	5.96E-08	2.69E-07	4.97E-08	1.53E-08	6.49E-08	3.87E-08	7.35E-09	4.61E-08
9193	625417.92	4266820.99	2.54E-07	8.07E-08	3.35E-07	2.12E-07	6.04E-08	2.73E-07	5.03E-08	1.55E-08	6.57E-08	3.92E-08	7.45E-09	4.67E-08
9194	625408.76	4266824.6	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.09E-08	1.57E-08	6.66E-08	3.97E-08	7.54E-09	4.72E-08
9195	625399.59	4266828.2	2.60E-07	8.27E-08	3.43E-07	2.18E-07	6.19E-08	2.80E-07	5.15E-08	1.58E-08	6.74E-08	4.02E-08	7.63E-09	4.78E-08
9196	625390.43	4266831.81	2.64E-07	8.37E-08	3.47E-07	2.20E-07	6.27E-08	2.83E-07	5.22E-08	1.60E-08	6.82E-08	4.07E-08	7.72E-09	4.84E-08
9197	625381.27	4266835.42	2.67E-07	8.47E-08	3.51E-07	2.23E-07	6.34E-08	2.86E-07	5.28E-08	1.62E-08	6.90E-08	4.11E-08	7.82E-09	4.90E-08
9198	625372.1	4266839.03	2.70E-07	8.57E-08	3.55E-07	2.25E-07	6.41E-08	2.90E-07	5.34E-08	1.64E-08	6.98E-08	4.16E-08	7.91E-09	4.95E-08
9199	625362.94	4266842.64	2.73E-07	8.66E-08	3.59E-07	2.28E-07	6.49E-08	2.93E-07	5.40E-08	1.66E-08	7.06E-08	4.21E-08	7.99E-09	5.01E-08
9200	625353.78	4266846.25	2.76E-07	8.76E-08	3.63E-07	2.30E-07	6.56E-08	2.96E-07	5.46E-08	1.68E-08	7.14E-08	4.26E-08	8.08E-09	5.06E-08
9201	625344.61	4266849.86	2.79E-07	8.85E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.21E-08	4.30E-08	8.17E-09	5.12E-08
9202	625335.45	4266853.47	2.82E-07	8.95E-08	3.71E-07	2.35E-07	6.70E-08	3.02E-07	5.58E-08	1.71E-08	7.29E-08	4.35E-08	8.26E-09	5.17E-08
9203	625326.29	4266857.08	2.85E-07	9.04E-08	3.75E-07	2.38E-07	6.77E-08	3.06E-07	5.63E-08	1.73E-08	7.37E-08	4.39E-08	8.34E-09	5.23E-08
9204	625317.12	4266860.69	2.88E-07	9.13E-08	3.79E-07	2.40E-07	6.84E-08	3.09E-07	5.69E-08	1.75E-08	7.44E-08	4.44E-08	8.43E-09	5.28E-08
9205	625307.96	4266864.3	2.90E-07	9.22E-08	3.83E-07	2.43E-07	6.90E-08	3.12E-07	5.75E-08	1.77E-08	7.51E-08	4.48E-08	8.51E-09	5.33E-08
9206	625298.79	4266867.9	2.93E-07	9.31E-08	3.86E-07	2.45E-07	6.97E-08	3.15E-07	5.80E-08	1.78E-08	7.59E-08	4.52E-08	8.59E-09	5.38E-08
9207	625289.63	4266871.51	2.96E-07	9.40E-08	3.90E-07	2.47E-07	7.04E-08	3.18E-07	5.86E-08	1.80E-08	7.66E-08	4.57E-08	8.67E-09	5.43E-08
9208	625280.47	4266875.12	2.99E-07	9.49E-08	3.94E-07	2.50E-07	7.10E-08	3.21E-07	5.91E-08	1.82E-08	7.73E-08	4.61E-08	8.76E-09	5.49E-08
9209	625271.3	4266878.73	3.02E-07	9.58E-08	3.97E-07	2.52E-07	7.17E-08	3.24E-07	5.97E-08	1.83E-08	7.80E-08	4.65E-08	8.84E-09	5.54E-08
9210	625262.14	4266882.34	3.04E-07	9.66E-08	4.01E-07	2.54E-07	7.23E-08	3.27E-07	6.02E-08	1.85E-08	7.87E-08	4.69E-08	8.92E-09	5.59E-08
9211	625252.98	4266885.95	3.07E-07	9.75E-08	4.04E-07	2.57E-07	7.30E-08	3.29E-07	6.07E-08	1.87E-08	7.94E-08	4.74E-08	8.99E-09	5.63E-08
9212	625243.81	4266889.56	3.10E-07	9.83E-08	4.08E-07	2.59E-07	7.36E-08	3.32E-07	6.13E-08	1.88E-08	8.01E-08	4.78E-08	9.07E-09	5.68E-08
9213	625234.65	4266893.17	3.12E-07	9.91E-08	4.11E-07	2.61E-07	7.42E-08	3.35E-07	6.18E-08	1.90E-08	8.08E-08	4.82E-08	9.15E-09	5.73E-08
9214	625225.49	4266896.78	3.15E-07	9.99E-08	4.14E-07	2.63E-07	7.48E-08	3.38E-07	6.23E-08	1.91E-08	8.14E-08	4.85E-08	9.22E-09	5.78E-08
9215	625216.32	4266900.39	3.17E-07	1.01E-07	4.18E-07	2.65E-07	7.54E-08	3.40E-07	6.28E-08	1.93E-08	8.20E-08	4.89E-08	9.29E-09	5.82E-08
9216	625207.16	4266903.99	3.19E-07	1.01E-07	4.21E-07	2.67E-07	7.60E-08	3.43E-07	6.32E-08	1.94E-08	8.27E-08	4.93E-08	9.36E-09	5.86E-08
9217	625197.99	4266907.6	3.22E-07	1.02E-07	4.24E-07	2.69E-07	7.65E-08	3.45E-07	6.37E-08	1.96E-08	8.33E-08	4.96E-08	9.43E-09	5.91E-08
9218	625188.83	4266911.21	3.24E-07	1.03E-07	4.27E-07	2.71E-07	7.70E-08	3.48E-07	6.41E-08	1.97E-08	8.38E-08	5.00E-08	9.49E-09	5.95E-08
9219	625179.67	4266914.82	3.26E-07	1.04E-07	4.30E-07	2.72E-07	7.75E-08	3.50E-07	6.45E-08	1.98E-08	8.44E-08	5.03E-08	9.55E-09	5.99E-08
9220	625170.5	4266918.43	3.28E-07	1.04E-07	4.32E-07	2.74E-07	7.80E-08	3.52E-07	6.49E-08	2.00E-08	8.49E-08	5.06E-08	9.61E-09	6.02E-08
9221	625161.34	4266922.04	3.30E-07	1.05E-07	4.35E-07	2.76E-07	7.84E-08	3.54E-07	6.53E-08	2.01E-08	8.54E-08	5.09E-08	9.67E-09	6.06E-08
9222	625152.18	4266925.65	3.32E-07	1.05E-07	4.37E-07	2.77E-07	7.88E-08	3.56E-07	6.56E-08	2.02E-08	8.58E-08	5.12E-08	9.72E-09	6.09E-08
9223	625143.01	4266929.26	3.33E-07	1.06E-07	4.39E-07	2.79E-07	7.92E-08	3.58E-07	6.60E-08	2.03E-08	8.62E-08	5.14E-08	9.77E-09	6.12E-08
9224	625133.85	4266932.87	3.35E-07	1.06E-07	4.41E-07	2.80E-07	7.96E-08	3.59E-07	6.63E-08	2.04E-08	8.66E-08	5.17E-08	9.81E-09	6.15E-08
9225	625124.69	4266936.48	3.36E-07	1.07E-07	4.43E-07	2.81E-07	7.99E-08	3.61E-07	6.65E-08	2.05E-08	8.70E-08	5.19E-08	9.85E-09	6.17E-08
9226	625115.52	4266940.09	3.38E-07	1.07E-07	4.45E-07	2.82E-07	8.03E-08	3.62E-07	6.68E-08	2.05E-08	8.74E-08	5.21E-08	9.89E-09	6.20E-08
9227	625106.36	4266943.69	3.39E-07	1.08E-07	4.46E-07	2.83E-07	8.06E-08	3.64E-07	6.71E-08	2.06E-08	8.77E-08	5.23E-08	9.93E-09	6.22E-08
9228	625097.2	4266947.3	3.40E-07	1.08E-07	4.48E-07	2.84E-07	8.08E-08	3.65E-07	6.73E-08	2.07E-08	8.80E-08	5.25E-08	9.96E-09	6.24E-08
9229	625088.03	4266950.91	3.41E-07	1.08E-07	4.49E-07	2.85E-07	8.11E-08	3.66E-07	6.75E-08	2.07E-08	8.82E-08	5.26E-08	9.99E-09	6.26E-08
9230	625078.87	4266954.52	3.42E-07	1.09E-07	4.51E-07	2.86E-07	8.13E-08	3.67E-07	6.77E-08	2.08E-08	8.85E-08	5.28E-08	1.00E-08	6.28E-08
9231	625069.7	4266958.13	3.43E-07	1.09E-07	4.52E-07	2.87E-07	8.15E-08	3.68E-07	6.79E-08	2.09E-08	8.87E-08	5.29E-08	1.00E-08	6.30E-08
9232	625060.54	4266961.74	3.44E-07	1.09E-07	4.53E-07	2.87E-07	8.17E-08	3.69E-07	6.80E-08	2.09E-08	8.89E-08	5.30E-08	1.01E-08	6.31E-08
9233	625051.38	4266965.35	3.44E-07	1.09E-07	4.54E-07	2.88E-07	8.19E-08	3.70E-07	6.82E-08	2.10E-08	8.91E-08	5.31E-08	1.01E-08	6.32E-08
9234	625042.21	4266968.96	3.45E-07	1.10E-07	4.55E-07	2.88E-07	8.20E-08	3.70E-07	6.83E-08	2.10E-08	8.93E-08	5.32E-08	1.01E-08	6.33E-08
9235	625033.05	4266972.57	3.45E-07	1.10E-07	4.55E-07	2.89E-07	8.21E-08	3.71E-07	6.84E-08	2.10E-08	8.94E-08	5.33E-08	1.01E-08	6.34E-08
9236	625023.89	4266976.18	3.46E-07	1.10E-07	4.56E-07	2.89E-07	8.22E-08	3.71E-07	6.85E-08	2.10E-08	8.95E-08	5.34E-08	1.01E-08	6.35E-08
9237	625014.72	4266979.79	3.46E-07	1.10E-07	4.56E-07	2.89E-07	8.23E-08	3.72E-07	6.85E-08	2.11E-08	8.96E-08	5.34E-08	1.01E-08	6.35E-08
9238	625005.56	4266983.39	3.46E-07	1.10E-07	4.56E-07	2.89E-07	8.23E-08	3.72E-07	6.85E-08	2.11E-08	8.96E-08	5.34E-08	1.01E-08	6.36E-08
9239	624996.4	4266987	3.46E-07	1.10E-07	4.56E-07	2.89E-07	8.23E-08	3.72E-07	6.85E-08	2.11E-08	8.96E-08	5.34E-08	1.01E-08	6.36E-08
9240	624987.23	4266990.61	3.46E-07	1.10E-07	4.56E-07	2.89E-07	8.22E-08	3.71E-07	6.85E-08	2.10E-08	8.95E-08	5.34E-08	1.01E-08	6.35E-08
9241	624978.07	4266994.22	3.45E-07	1.10E-07	4.55E-07	2.89E-07	8.21E-08	3.71E-07	6.84E-08	2.10E-08	8.94E-08	5.33E-08	1.01E-08	6.34E-08
9242	624968.9	4266997.83	3.45E-07	1.10E-07	4.54E-07	2.88E-07	8.20E-08	3.70E-07	6.83E-08	2.10E-08	8.93E-08	5.32E-08	1.01E-08	6.33E-08
9243	624959.74	4267001.44	3.44E-07	1.09E-07	4.54E-07	2.88E-07	8.18E-08	3.70E-07	6.81E-08	2.09E-08	8.91E-08	5.31E-08	1.01E-08	6.32E-08
9244	624950.58	4267005.05	3.43E-07	1.09E-07	4.52E-07	2.87E-07	8.16E-08	3.69E-07	6.80E-08	2.09E-08	8.89E-08	5.30E-08	1.01E-08	6.30E-08
9245	624941.41	4267008.66	3.42E-07	1.09E-07	4.51E-07	2.86E-07	8.14E-08	3.68E-07	6.78E-08	2.08E-08	8.86E-08	5.28E-08	1.00E-08	6.29E-08
9246	624932.25	4267012.27	3.41E-07	1.08E-07	4.50E-07	2.85E-07	8.11E-08	3.66E-07	6.75E-08	2.08E-08	8.83E-08	5.26E-08	1.00E-08	6.26E-08

9247	624923.09	4267015.88	3.40E-07	1.08E-07	4.48E-07	2.84E-07	8.08E-08	3.65E-07	6.73E-08	2.07E-08	8.80E-08	5.24E-08	9.96E-09	6.24E-08
9248	624913.92	4267019.48	3.38E-07	1.07E-07	4.46E-07	2.83E-07	8.05E-08	3.63E-07	6.70E-08	2.06E-08	8.76E-08	5.22E-08	9.92E-09	6.21E-08
9249	624904.76	4267023.09	3.37E-07	1.07E-07	4.44E-07	2.82E-07	8.01E-08	3.62E-07	6.67E-08	2.05E-08	8.72E-08	5.20E-08	9.88E-09	6.19E-08
9250	624895.6	4267026.7	3.35E-07	1.07E-07	4.42E-07	2.80E-07	7.97E-08	3.60E-07	6.64E-08	2.04E-08	8.68E-08	5.17E-08	9.83E-09	6.16E-08
9251	624886.43	4267030.31	3.34E-07	1.06E-07	4.40E-07	2.79E-07	7.93E-08	3.58E-07	6.61E-08	2.03E-08	8.64E-08	5.15E-08	9.78E-09	6.13E-08
9252	624877.27	4267033.92	3.32E-07	1.05E-07	4.37E-07	2.77E-07	7.89E-08	3.56E-07	6.57E-08	2.02E-08	8.59E-08	5.12E-08	9.73E-09	6.10E-08
9253	624868.1	4267037.53	3.30E-07	1.05E-07	4.35E-07	2.76E-07	7.85E-08	3.54E-07	6.54E-08	2.01E-08	8.54E-08	5.09E-08	9.68E-09	6.06E-08
9254	624858.94	4267041.14	3.28E-07	1.04E-07	4.33E-07	2.74E-07	7.81E-08	3.52E-07	6.50E-08	2.00E-08	8.50E-08	5.07E-08	9.62E-09	6.03E-08
9255	624849.78	4267044.75	3.26E-07	1.04E-07	4.30E-07	2.73E-07	7.76E-08	3.50E-07	6.46E-08	1.99E-08	8.45E-08	5.04E-08	9.57E-09	5.99E-08
9256	624840.61	4267048.36	3.25E-07	1.03E-07	4.28E-07	2.71E-07	7.72E-08	3.48E-07	6.42E-08	1.97E-08	8.40E-08	5.01E-08	9.51E-09	5.96E-08
9257	625747.56	4266156.99	1.93E-07	6.14E-08	2.55E-07	1.62E-07	4.59E-08	2.07E-07	3.82E-08	1.18E-08	5.00E-08	2.98E-08	5.66E-09	3.55E-08
9258	625747.73	4266147.06	1.93E-07	6.12E-08	2.54E-07	1.61E-07	4.58E-08	2.07E-07	3.82E-08	1.17E-08	4.99E-08	2.97E-08	5.65E-09	3.54E-08
9259	625747.89	4266137.13	1.92E-07	6.10E-08	2.53E-07	1.61E-07	4.57E-08	2.06E-07	3.80E-08	1.17E-08	4.97E-08	2.97E-08	5.63E-09	3.53E-08
9260	625748.05	4266127.19	1.92E-07	6.09E-08	2.53E-07	1.60E-07	4.56E-08	2.06E-07	3.79E-08	1.17E-08	4.96E-08	2.96E-08	5.62E-09	3.52E-08
9261	625748.22	4266117.26	1.91E-07	6.07E-08	2.52E-07	1.60E-07	4.54E-08	2.05E-07	3.78E-08	1.16E-08	4.95E-08	2.95E-08	5.60E-09	3.51E-08
9262	625748.38	4266107.33	1.91E-07	6.05E-08	2.51E-07	1.59E-07	4.53E-08	2.05E-07	3.77E-08	1.16E-08	4.93E-08	2.94E-08	5.59E-09	3.50E-08
9263	625748.54	4266097.39	1.90E-07	6.03E-08	2.50E-07	1.59E-07	4.52E-08	2.04E-07	3.76E-08	1.16E-08	4.91E-08	2.93E-08	5.57E-09	3.49E-08
9264	625748.71	4266087.46	1.89E-07	6.01E-08	2.49E-07	1.58E-07	4.50E-08	2.03E-07	3.75E-08	1.15E-08	4.90E-08	2.92E-08	5.55E-09	3.48E-08
9265	625748.87	4266077.53	1.89E-07	5.99E-08	2.49E-07	1.58E-07	4.49E-08	2.03E-07	3.73E-08	1.15E-08	4.88E-08	2.91E-08	5.53E-09	3.46E-08
9266	625749.03	4266067.59	1.88E-07	5.97E-08	2.48E-07	1.57E-07	4.47E-08	2.02E-07	3.72E-08	1.14E-08	4.87E-08	2.90E-08	5.51E-09	3.45E-08
9267	625749.2	4266057.66	1.87E-07	5.95E-08	2.47E-07	1.57E-07	4.46E-08	2.01E-07	3.71E-08	1.14E-08	4.85E-08	2.89E-08	5.49E-09	3.44E-08
9268	625749.36	4266047.73	1.87E-07	5.93E-08	2.46E-07	1.56E-07	4.44E-08	2.01E-07	3.70E-08	1.14E-08	4.83E-08	2.88E-08	5.47E-09	3.43E-08
9269	625749.52	4266037.79	1.86E-07	5.91E-08	2.45E-07	1.56E-07	4.43E-08	2.00E-07	3.68E-08	1.13E-08	4.82E-08	2.87E-08	5.46E-09	3.42E-08
9270	625749.69	4266027.86	1.86E-07	5.89E-08	2.45E-07	1.55E-07	4.41E-08	1.99E-07	3.67E-08	1.13E-08	4.80E-08	2.86E-08	5.44E-09	3.41E-08
9271	625749.85	4266017.93	1.85E-07	5.88E-08	2.44E-07	1.55E-07	4.40E-08	1.99E-07	3.66E-08	1.13E-08	4.79E-08	2.85E-08	5.42E-09	3.40E-08
9272	625750.01	4266007.99	1.84E-07	5.85E-08	2.43E-07	1.54E-07	4.38E-08	1.98E-07	3.65E-08	1.12E-08	4.77E-08	2.84E-08	5.40E-09	3.38E-08
9273	625750.18	4265998.06	1.83E-07	5.82E-08	2.42E-07	1.53E-07	4.36E-08	1.97E-07	3.63E-08	1.12E-08	4.74E-08	2.83E-08	5.37E-09	3.37E-08
9274	625750.34	4265988.13	1.82E-07	5.79E-08	2.40E-07	1.52E-07	4.34E-08	1.96E-07	3.61E-08	1.11E-08	4.72E-08	2.82E-08	5.35E-09	3.35E-08
9275	625750.51	4265978.19	1.82E-07	5.77E-08	2.39E-07	1.52E-07	4.32E-08	1.95E-07	3.60E-08	1.11E-08	4.70E-08	2.80E-08	5.33E-09	3.34E-08
9276	625750.67	4265968.26	1.81E-07	5.75E-08	2.39E-07	1.51E-07	4.31E-08	1.94E-07	3.59E-08	1.10E-08	4.69E-08	2.80E-08	5.31E-09	3.33E-08
9277	625750.83	4265958.33	1.81E-07	5.73E-08	2.38E-07	1.51E-07	4.29E-08	1.94E-07	3.57E-08	1.10E-08	4.67E-08	2.79E-08	5.29E-09	3.32E-08
9278	625751	4265948.39	1.80E-07	5.71E-08	2.37E-07	1.50E-07	4.28E-08	1.93E-07	3.56E-08	1.09E-08	4.65E-08	2.78E-08	5.27E-09	3.30E-08
9279	625751.16	4265938.46	1.79E-07	5.69E-08	2.36E-07	1.50E-07	4.26E-08	1.92E-07	3.55E-08	1.09E-08	4.64E-08	2.76E-08	5.25E-09	3.29E-08
9280	625751.32	4265928.53	1.78E-07	5.67E-08	2.35E-07	1.49E-07	4.24E-08	1.92E-07	3.53E-08	1.09E-08	4.62E-08	2.75E-08	5.23E-09	3.28E-08
9281	625751.49	4265918.59	1.78E-07	5.65E-08	2.34E-07	1.49E-07	4.23E-08	1.91E-07	3.52E-08	1.08E-08	4.60E-08	2.74E-08	5.21E-09	3.26E-08
9282	625751.65	4265908.66	1.77E-07	5.63E-08	2.34E-07	1.48E-07	4.21E-08	1.90E-07	3.51E-08	1.08E-08	4.59E-08	2.73E-08	5.19E-09	3.25E-08
9283	625751.81	4265898.73	1.77E-07	5.61E-08	2.33E-07	1.48E-07	4.20E-08	1.90E-07	3.50E-08	1.08E-08	4.57E-08	2.73E-08	5.18E-09	3.25E-08
9284	625751.98	4265888.79	1.76E-07	5.60E-08	2.32E-07	1.47E-07	4.19E-08	1.89E-07	3.49E-08	1.07E-08	4.57E-08	2.72E-08	5.17E-09	3.24E-08
9285	625752.14	4265878.86	1.76E-07	5.60E-08	2.32E-07	1.47E-07	4.19E-08	1.89E-07	3.49E-08	1.07E-08	4.56E-08	2.72E-08	5.16E-09	3.24E-08
9286	625752.3	4265868.93	1.76E-07	5.59E-08	2.32E-07	1.47E-07	4.19E-08	1.89E-07	3.49E-08	1.07E-08	4.56E-08	2.72E-08	5.16E-09	3.23E-08
9287	625752.47	4265858.99	1.76E-07	5.59E-08	2.32E-07	1.47E-07	4.18E-08	1.89E-07	3.48E-08	1.07E-08	4.55E-08	2.72E-08	5.16E-09	3.23E-08
9288	625752.63	4265849.06	1.76E-07	5.59E-08	2.32E-07	1.47E-07	4.18E-08	1.89E-07	3.48E-08	1.07E-08	4.55E-08	2.71E-08	5.16E-09	3.23E-08
9289	625752.79	4265839.13	1.76E-07	5.59E-08	2.32E-07	1.47E-07	4.19E-08	1.89E-07	3.48E-08	1.07E-08	4.56E-08	2.72E-08	5.16E-09	3.23E-08
9290	625752.96	4265829.19	1.76E-07	5.60E-08	2.32E-07	1.47E-07	4.19E-08	1.89E-07	3.49E-08	1.07E-08	4.56E-08	2.72E-08	5.17E-09	3.24E-08
9291	625753.12	4265819.26	1.77E-07	5.61E-08	2.33E-07	1.48E-07	4.20E-08	1.90E-07	3.50E-08	1.07E-08	4.57E-08	2.73E-08	5.18E-09	3.24E-08
9292	625753.29	4265809.33	1.77E-07	5.63E-08	2.33E-07	1.48E-07	4.21E-08	1.90E-07	3.51E-08	1.08E-08	4.58E-08	2.73E-08	5.19E-09	3.25E-08
9293	625753.45	4265799.39	1.78E-07	5.65E-08	2.34E-07	1.49E-07	4.23E-08	1.91E-07	3.52E-08	1.08E-08	4.60E-08	2.74E-08	5.21E-09	3.27E-08
9294	625753.61	4265789.46	1.79E-07	5.67E-08	2.35E-07	1.49E-07	4.25E-08	1.92E-07	3.54E-08	1.09E-08	4.62E-08	2.76E-08	5.24E-09	3.28E-08
9295	625753.78	4265779.53	1.80E-07	5.70E-08	2.37E-07	1.50E-07	4.27E-08	1.93E-07	3.55E-08	1.09E-08	4.65E-08	2.77E-08	5.26E-09	3.30E-08
9296	625753.94	4265769.59	1.81E-07	5.74E-08	2.38E-07	1.51E-07	4.29E-08	1.94E-07	3.57E-08	1.10E-08	4.67E-08	2.79E-08	5.29E-09	3.32E-08
9297	625754.1	4265759.66	1.82E-07	5.77E-08	2.39E-07	1.52E-07	4.32E-08	1.95E-07	3.60E-08	1.11E-08	4.70E-08	2.80E-08	5.33E-09	3.34E-08
9298	625754.27	4265749.73	1.83E-07	5.81E-08	2.41E-07	1.53E-07	4.35E-08	1.96E-07	3.62E-08	1.11E-08	4.73E-08	2.82E-08	5.36E-09	3.36E-08
9299	625754.43	4265739.79	1.84E-07	5.85E-08	2.43E-07	1.54E-07	4.38E-08	1.98E-07	3.64E-08	1.12E-08	4.76E-08	2.84E-08	5.40E-09	3.38E-08
9300	625754.59	4265729.86	1.85E-07	5.89E-08	2.44E-07	1.55E-07	4.41E-08	1.99E-07	3.67E-08	1.13E-08	4.80E-08	2.86E-08	5.43E-09	3.40E-08
9301	625754.76	4265719.93	1.87E-07	5.93E-08	2.46E-07	1.56E-07	4.44E-08	2.00E-07	3.70E-08	1.14E-08	4.83E-08	2.88E-08	5.47E-09	3.43E-08
9302	625754.92	4265709.99	1.88E-07	5.97E-08	2.48E-07	1.57E-07	4.47E-08	2.02E-07	3.72E-08	1.14E-08	4.87E-08	2.90E-08	5.51E-09	3.45E-08
9303	625755.08	4265700.06	1.89E-07	6.02E-08	2.50E-07	1.58E-07	4.50E-08	2.03E-07	3.75E-08	1.15E-08	4.90E-08	2.92E-08	5.55E-09	3.48E-08
9304	625755.25	4265690.13	1.91E-07	6.06E-08	2.51E-07	1.59E-07	4.54E-08	2.05E-07	3.78E-08	1.16E-08	4.94E-08	2.94E-08	5.59E-09	3.50E-08
9305	625835.65	4266195.6	1.74E-07	5.54E-08	2.30E-07	1.46E-07	4.15E-08	1.87E-07	3.45E-08	1.06E-08	4.51E-08	2.69E-08	5.11E-09	3.20E-08
9306	625831.74	4266204.61	1.76E-07	5.57E-08	2.31E-07	1.47E-07	4.17E-08	1.88E-07	3.47E-08	1.07E-08	4.54E-08	2.71E-08	5.14E-09	3.22E-08
9307	625827.83	4266213.61	1.76E-07	5.60E-08	2.33E-07	1.48E-07	4.20E-08	1.89E-07	3.49E-08	1.07E-08	4.57E-08	2.72E-08	5.17E-09	3.24E-08
9308	625823.92	4266222.62	1.77E-07	5.63E-08	2.34E-07	1.48E-07	4.22E-08	1.90E-07	3.51E-08	1.08E-08	4.59E-08	2.74E-08	5.20E-09	3.26E-08
9309	625820.01	4266231.63	1.78E-07	5.66E-08	2.35E-07	1.49E-07	4.24E-08	1.91E-07	3.53E-08	1.08E-08	4.61E-08	2.75E-08	5.22E-09	3.27E-08
9310	625816.1	4266240.64	1.79E-07	5.68E-08	2.36E-07	1.50E-07	4.26E-08	1.92E-07	3.54E-08	1.09E-08	4.63E-08	2.76E-08	5.25E-09	3.29E-08
9311	625812.19	4266249.65	1.80E-07	5.70E-08	2.37E-07	1.50E-07	4.27E-08	1.93E-07	3.56E-08	1.09E-08	4.65E-08	2.77E-08	5.26E-09	3.30E-08
9312	625808.28	4266258.66	1.80E-07	5.72E-08	2.37E-07	1.51E-07	4.28E-08	1.93E-07	3.57E-08	1.10E-08	4.66E-08	2.78E-08	5.28E-09	3.31E-08
9313	625804.37	4266267.67	1.81E-07	5.74E-08	2.38E-07	1.51E-07	4.30E-08	1.94E-07	3.58E-08	1.10E-08	4.67E-08	2.79E-08	5.29E-09	3.32E-08
9314	625800.46	4266276.68	1.81E-07	5.75E-08	2.38E-07	1.51E-07	4.30E-08	1.94E-07	3.58E-08	1.10E-08	4.68E-08	2.79E-08	5.30E-09	3.32E-08
9315	625796.55	4266285.68	1.81E-07	5.76E-08	2.39E-07	1.51E-07	4.31E-08	1.95E-07	3.59E-08	1.10E-08	4.69E-08	2.80E-08	5.31E-09	3.33E-08
9316	625792.64	4266294.69	1.81E-07	5.76E-08	2.39E-07	1.52E-07	4.31E-08	1.95E-07	3.59E-08	1.10E-08	4.69E-08	2.80E-08	5.31E-09	3.33E-08
9317	625788.73	4266303.7	1.81E-07	5.76E-08	2.39E-07	1.52E-07	4.31E-08	1.95E-07	3.59E-08	1.10E-08	4.69E-08	2.80E-08	5.31E-09	3.33E-08
9318	625784.82	4266312.71	1.81E-07	5.75E-08	2.39E-07	1.51E-07	4.31E-08	1.94E-07	3.59E-08	1.10E-08	4.69E-08	2.80E-08	5.31E-09	3.33E-08
9319	625780.91	4266321.72	1.81E-07	5.74E-08	2.38E-07	1.51E-07	4.30E-08	1.94E-07	3.58E-08	1.10E-08	4.68E-08	2.79E-08	5.30E-09	3.32E-08
9320	625777	4266330.73	1.81E-07	5.73E-08	2.38E-07	1.51E-07	4.29E-08	1.94E-07	3.57E-08	1.10E-08	4.67E-08	2.79E-08	5.29E-09	3.31E-08

9321	625773.09	4266339.74	1.80E-07	5.72E-08	2.37E-07	1.50E-07	4.28E-08	1.93E-07	3.56E-08	1.10E-08	4.66E-08	2.78E-08	5.28E-09	3.31E-08
9322	625769.18	4266348.74	1.79E-07	5.70E-08	2.36E-07	1.50E-07	4.27E-08	1.93E-07	3.55E-08	1.09E-08	4.64E-08	2.77E-08	5.26E-09	3.30E-08
9323	625765.27	4266357.75	1.79E-07	5.68E-08	2.36E-07	1.49E-07	4.25E-08	1.92E-07	3.54E-08	1.09E-08	4.63E-08	2.76E-08	5.24E-09	3.28E-08
9324	625761.36	4266366.76	1.78E-07	5.66E-08	2.35E-07	1.49E-07	4.24E-08	1.91E-07	3.53E-08	1.08E-08	4.61E-08	2.75E-08	5.22E-09	3.27E-08
9325	625757.45	4266375.77	1.77E-07	5.64E-08	2.34E-07	1.48E-07	4.22E-08	1.91E-07	3.51E-08	1.08E-08	4.59E-08	2.74E-08	5.20E-09	3.26E-08
9326	625753.54	4266384.78	1.77E-07	5.61E-08	2.33E-07	1.48E-07	4.20E-08	1.90E-07	3.50E-08	1.08E-08	4.57E-08	2.73E-08	5.18E-09	3.25E-08
9327	625749.63	4266393.79	1.76E-07	5.59E-08	2.32E-07	1.47E-07	4.18E-08	1.89E-07	3.48E-08	1.07E-08	4.55E-08	2.71E-08	5.16E-09	3.23E-08
9328	625745.72	4266402.8	1.75E-07	5.56E-08	2.31E-07	1.46E-07	4.17E-08	1.88E-07	3.47E-08	1.07E-08	4.53E-08	2.70E-08	5.13E-09	3.22E-08
9329	625741.81	4266411.8	1.74E-07	5.54E-08	2.30E-07	1.46E-07	4.15E-08	1.87E-07	3.45E-08	1.06E-08	4.51E-08	2.69E-08	5.11E-09	3.20E-08
9330	625737.9	4266420.81	1.74E-07	5.52E-08	2.29E-07	1.45E-07	4.13E-08	1.87E-07	3.44E-08	1.06E-08	4.50E-08	2.68E-08	5.09E-09	3.19E-08
9331	625733.99	4266429.82	1.73E-07	5.50E-08	2.28E-07	1.45E-07	4.12E-08	1.86E-07	3.43E-08	1.05E-08	4.48E-08	2.67E-08	5.07E-09	3.18E-08
9332	625730.08	4266438.83	1.72E-07	5.48E-08	2.27E-07	1.44E-07	4.10E-08	1.85E-07	3.41E-08	1.05E-08	4.46E-08	2.66E-08	5.06E-09	3.17E-08
9333	625726.17	4266447.84	1.72E-07	5.46E-08	2.27E-07	1.44E-07	4.09E-08	1.85E-07	3.40E-08	1.05E-08	4.45E-08	2.65E-08	5.04E-09	3.16E-08
9334	625722.26	4266456.85	1.72E-07	5.45E-08	2.26E-07	1.43E-07	4.08E-08	1.84E-07	3.40E-08	1.04E-08	4.44E-08	2.65E-08	5.03E-09	3.15E-08
9335	625718.35	4266465.86	1.71E-07	5.44E-08	2.26E-07	1.43E-07	4.07E-08	1.84E-07	3.39E-08	1.04E-08	4.43E-08	2.64E-08	5.02E-09	3.14E-08
9336	625714.44	4266474.87	1.71E-07	5.43E-08	2.25E-07	1.43E-07	4.07E-08	1.84E-07	3.38E-08	1.04E-08	4.42E-08	2.64E-08	5.01E-09	3.14E-08
9337	625710.53	4266483.87	1.71E-07	5.42E-08	2.25E-07	1.43E-07	4.06E-08	1.83E-07	3.38E-08	1.04E-08	4.42E-08	2.64E-08	5.01E-09	3.14E-08
9338	625706.62	4266492.88	1.71E-07	5.42E-08	2.25E-07	1.43E-07	4.06E-08	1.83E-07	3.38E-08	1.04E-08	4.42E-08	2.63E-08	5.00E-09	3.13E-08
9339	625702.71	4266501.89	1.71E-07	5.42E-08	2.25E-07	1.43E-07	4.06E-08	1.83E-07	3.38E-08	1.04E-08	4.42E-08	2.63E-08	5.00E-09	3.13E-08
9340	625698.8	4266510.9	1.71E-07	5.42E-08	2.25E-07	1.43E-07	4.06E-08	1.83E-07	3.38E-08	1.04E-08	4.42E-08	2.63E-08	5.00E-09	3.13E-08
9341	625694.89	4266519.91	1.71E-07	5.42E-08	2.25E-07	1.43E-07	4.06E-08	1.83E-07	3.38E-08	1.04E-08	4.42E-08	2.63E-08	5.00E-09	3.14E-08
9342	625690.98	4266528.92	1.71E-07	5.43E-08	2.25E-07	1.43E-07	4.06E-08	1.84E-07	3.38E-08	1.04E-08	4.42E-08	2.64E-08	5.01E-09	3.14E-08
9343	625687.07	4266537.93	1.71E-07	5.44E-08	2.26E-07	1.43E-07	4.07E-08	1.84E-07	3.39E-08	1.04E-08	4.43E-08	2.64E-08	5.02E-09	3.14E-08
9344	625683.16	4266546.93	1.72E-07	5.45E-08	2.26E-07	1.43E-07	4.08E-08	1.84E-07	3.40E-08	1.04E-08	4.44E-08	2.65E-08	5.03E-09	3.15E-08
9345	625679.25	4266555.94	1.72E-07	5.46E-08	2.27E-07	1.44E-07	4.09E-08	1.85E-07	3.41E-08	1.05E-08	4.45E-08	2.65E-08	5.04E-09	3.16E-08
9346	625675.34	4266564.95	1.73E-07	5.48E-08	2.27E-07	1.44E-07	4.10E-08	1.85E-07	3.42E-08	1.05E-08	4.47E-08	2.66E-08	5.06E-09	3.17E-08
9347	625671.43	4266573.96	1.73E-07	5.50E-08	2.28E-07	1.45E-07	4.12E-08	1.86E-07	3.43E-08	1.05E-08	4.48E-08	2.67E-08	5.07E-09	3.18E-08
9348	625667.52	4266582.97	1.74E-07	5.51E-08	2.29E-07	1.45E-07	4.13E-08	1.86E-07	3.44E-08	1.06E-08	4.49E-08	2.68E-08	5.09E-09	3.19E-08
9349	625663.61	4266591.98	1.74E-07	5.54E-08	2.30E-07	1.46E-07	4.14E-08	1.87E-07	3.45E-08	1.06E-08	4.51E-08	2.69E-08	5.11E-09	3.20E-08
9350	625659.7	4266600.99	1.75E-07	5.56E-08	2.31E-07	1.46E-07	4.16E-08	1.88E-07	3.46E-08	1.06E-08	4.53E-08	2.70E-08	5.13E-09	3.21E-08
9351	625655.79	4266609.99	1.76E-07	5.58E-08	2.32E-07	1.47E-07	4.18E-08	1.89E-07	3.48E-08	1.07E-08	4.55E-08	2.71E-08	5.15E-09	3.23E-08
9352	625651.88	4266619	1.76E-07	5.61E-08	2.33E-07	1.48E-07	4.20E-08	1.89E-07	3.49E-08	1.07E-08	4.57E-08	2.72E-08	5.17E-09	3.24E-08
9353	625647.96	4266628.01	1.77E-07	5.63E-08	2.34E-07	1.48E-07	4.22E-08	1.90E-07	3.51E-08	1.08E-08	4.59E-08	2.74E-08	5.20E-09	3.26E-08
9354	625644.05	4266637.02	1.78E-07	5.66E-08	2.35E-07	1.49E-07	4.24E-08	1.91E-07	3.53E-08	1.08E-08	4.61E-08	2.75E-08	5.22E-09	3.27E-08
9355	625640.14	4266646.03	1.79E-07	5.69E-08	2.36E-07	1.50E-07	4.26E-08	1.92E-07	3.55E-08	1.09E-08	4.64E-08	2.76E-08	5.25E-09	3.29E-08
9356	625636.23	4266655.04	1.80E-07	5.72E-08	2.37E-07	1.51E-07	4.28E-08	1.93E-07	3.56E-08	1.10E-08	4.66E-08	2.78E-08	5.28E-09	3.31E-08
9357	625632.32	4266664.05	1.81E-07	5.75E-08	2.39E-07	1.51E-07	4.31E-08	1.94E-07	3.59E-08	1.10E-08	4.69E-08	2.79E-08	5.31E-09	3.33E-08
9358	625628.41	4266673.06	1.82E-07	5.78E-08	2.40E-07	1.52E-07	4.33E-08	1.96E-07	3.61E-08	1.11E-08	4.71E-08	2.81E-08	5.34E-09	3.34E-08
9359	625624.5	4266682.06	1.83E-07	5.82E-08	2.41E-07	1.53E-07	4.36E-08	1.97E-07	3.63E-08	1.11E-08	4.74E-08	2.83E-08	5.37E-09	3.36E-08
9360	625569.76	4266808.19	1.99E-07	6.33E-08	2.63E-07	1.67E-07	4.74E-08	2.14E-07	3.94E-08	1.21E-08	5.16E-08	3.07E-08	5.84E-09	3.66E-08
9361	625565.85	4266817.19	2.00E-07	6.36E-08	2.64E-07	1.67E-07	4.76E-08	2.15E-07	3.96E-08	1.22E-08	5.18E-08	3.09E-08	5.87E-09	3.68E-08
9362	625561.94	4266826.2	2.01E-07	6.39E-08	2.65E-07	1.68E-07	4.79E-08	2.16E-07	3.98E-08	1.22E-08	5.21E-08	3.11E-08	5.90E-09	3.70E-08
9363	625558.03	4266835.21	2.02E-07	6.42E-08	2.66E-07	1.69E-07	4.81E-08	2.17E-07	4.00E-08	1.23E-08	5.23E-08	3.12E-08	5.93E-09	3.71E-08
9364	625554.12	4266844.22	2.03E-07	6.45E-08	2.68E-07	1.70E-07	4.83E-08	2.18E-07	4.02E-08	1.24E-08	5.26E-08	3.13E-08	5.95E-09	3.73E-08
9365	625550.21	4266853.23	2.04E-07	6.48E-08	2.69E-07	1.70E-07	4.85E-08	2.19E-07	4.04E-08	1.24E-08	5.28E-08	3.15E-08	5.98E-09	3.74E-08
9366	625546.3	4266862.24	2.05E-07	6.50E-08	2.70E-07	1.71E-07	4.87E-08	2.20E-07	4.05E-08	1.25E-08	5.30E-08	3.16E-08	6.00E-09	3.76E-08
9367	625533.25	4266874.84	2.08E-07	6.61E-08	2.74E-07	1.74E-07	4.95E-08	2.23E-07	4.12E-08	1.27E-08	5.39E-08	3.21E-08	6.10E-09	3.82E-08
9368	625524.11	4266878.44	2.11E-07	6.69E-08	2.78E-07	1.76E-07	5.01E-08	2.26E-07	4.17E-08	1.28E-08	5.45E-08	3.25E-08	6.18E-09	3.87E-08
9369	625514.98	4266882.04	2.13E-07	6.78E-08	2.81E-07	1.78E-07	5.07E-08	2.29E-07	4.22E-08	1.30E-08	5.52E-08	3.29E-08	6.26E-09	3.92E-08
9370	625505.84	4266885.64	2.16E-07	6.86E-08	2.85E-07	1.81E-07	5.14E-08	2.32E-07	4.28E-08	1.31E-08	5.59E-08	3.33E-08	6.33E-09	3.97E-08
9371	625496.7	4266889.24	2.19E-07	6.94E-08	2.88E-07	1.83E-07	5.20E-08	2.35E-07	4.33E-08	1.33E-08	5.66E-08	3.37E-08	6.41E-09	4.01E-08
9372	625487.56	4266892.84	2.21E-07	7.02E-08	2.91E-07	1.85E-07	5.26E-08	2.37E-07	4.38E-08	1.35E-08	5.72E-08	3.41E-08	6.48E-09	4.06E-08
9373	625478.43	4266896.44	2.24E-07	7.10E-08	2.95E-07	1.87E-07	5.32E-08	2.40E-07	4.43E-08	1.36E-08	5.79E-08	3.45E-08	6.56E-09	4.11E-08
9374	625469.29	4266900.04	2.26E-07	7.18E-08	2.98E-07	1.89E-07	5.38E-08	2.43E-07	4.48E-08	1.38E-08	5.85E-08	3.49E-08	6.63E-09	4.15E-08
9375	625460.15	4266903.63	2.29E-07	7.26E-08	3.01E-07	1.91E-07	5.44E-08	2.46E-07	4.53E-08	1.39E-08	5.92E-08	3.53E-08	6.70E-09	4.20E-08
9376	625451.01	4266907.23	2.31E-07	7.34E-08	3.05E-07	1.93E-07	5.50E-08	2.48E-07	4.58E-08	1.41E-08	5.98E-08	3.57E-08	6.77E-09	4.24E-08
9377	625441.88	4266910.83	2.34E-07	7.42E-08	3.08E-07	1.95E-07	5.55E-08	2.51E-07	4.62E-08	1.42E-08	6.04E-08	3.60E-08	6.85E-09	4.29E-08
9378	625432.74	4266914.43	2.36E-07	7.49E-08	3.11E-07	1.97E-07	5.61E-08	2.53E-07	4.67E-08	1.44E-08	6.11E-08	3.64E-08	6.91E-09	4.33E-08
9379	625423.6	4266918.03	2.38E-07	7.57E-08	3.14E-07	1.99E-07	5.67E-08	2.56E-07	4.72E-08	1.45E-08	6.17E-08	3.68E-08	6.98E-09	4.37E-08
9380	625414.46	4266921.63	2.41E-07	7.64E-08	3.17E-07	2.01E-07	5.72E-08	2.58E-07	4.76E-08	1.46E-08	6.23E-08	3.71E-08	7.05E-09	4.42E-08
9381	625405.33	4266925.23	2.43E-07	7.71E-08	3.20E-07	2.03E-07	5.77E-08	2.61E-07	4.81E-08	1.48E-08	6.28E-08	3.75E-08	7.12E-09	4.46E-08
9382	625396.19	4266928.83	2.45E-07	7.78E-08	3.23E-07	2.05E-07	5.83E-08	2.63E-07	4.85E-08	1.49E-08	6.34E-08	3.78E-08	7.18E-09	4.50E-08
9383	625387.05	4266932.42	2.47E-07	7.86E-08	3.26E-07	2.07E-07	5.88E-08	2.66E-07	4.90E-08	1.51E-08	6.40E-08	3.82E-08	7.25E-09	4.54E-08
9384	625377.91	4266936.02	2.50E-07	7.93E-08	3.29E-07	2.09E-07	5.93E-08	2.68E-07	4.94E-08	1.52E-08	6.46E-08	3.85E-08	7.31E-09	4.58E-08
9385	625368.78	4266939.62	2.52E-07	8.00E-08	3.32E-07	2.10E-07	5.99E-08	2.70E-07	4.98E-08	1.53E-08	6.52E-08	3.88E-08	7.38E-09	4.62E-08
9386	625359.64	4266943.22	2.54E-07	8.06E-08	3.35E-07	2.12E-07	6.04E-08	2.73E-07	5.03E-08	1.55E-08	6.57E-08	3.92E-08	7.44E-09	4.66E-08
9387	625350.5	4266946.82	2.56E-07	8.13E-08	3.37E-07	2.14E-07	6.09E-08	2.75E-07	5.07E-08	1.56E-08	6.63E-08	3.95E-08	7.51E-09	4.70E-08
9388	625341.36	4266950.42	2.58E-07	8.20E-08	3.40E-07	2.16E-07	6.14E-08	2.77E-07	5.11E-08	1.57E-08	6.68E-08	3.99E-08	7.57E-09	4.74E-08
9389	625332.23	4266954.02	2.60E-07	8.27E-08	3.43E-07	2.18E-07	6.19E-08	2.80E-07	5.15E-08	1.58E-08	6.74E-08	4.02E-08	7.63E-09	4.78E-08
9390	625323.09	4266957.62	2.63E-07	8.34E-08	3.46E-07	2.19E-07	6.24E-08	2.82E-07	5.20E-08	1.60E-08	6.79E-08	4.05E-08	7.70E-09	4.82E-08
9391	625313.95	4266961.22	2.65E-07	8.40E-08	3.49E-07	2.21E-07	6.29E-08	2.84E-07	5.24E-08	1.61E-08	6.85E-08	4.08E-08	7.76E-09	4.86E-08
9392	625304.81	4266964.81	2.67E-07	8.47E-08	3.51E-07	2.23E-07	6.34E-08	2.86E-07	5.28E-08	1.62E-08	6.90E-08	4.12E-08	7.82E-09	4.90E-08
9393	625295.68	4266968.41	2.69E-07	8.54E-08	3.54E-07	2.25E-07	6.39E-08	2.89E-07	5.32E-08	1.64E-08	6.96E-08	4.15E-08	7.88E-09	4.94E-08
9394	625286.54	4266972.01	2.71E-07	8.60E-08	3.57E-07	2.26E-07	6.44E-08	2.91E-07	5.36E-08	1.65E-08	7.01E-08	4.18E-08	7.94E-09	4.97E-08

9395	625277.4	4266975.61	2.73E-07	8.67E-08	3.60E-07	2.28E-07	6.49E-08	2.93E-07	5.40E-08	1.66E-08	7.06E-08	4.21E-08	8.00E-09	5.01E-08
9396	625268.26	4266979.21	2.75E-07	8.73E-08	3.62E-07	2.30E-07	6.54E-08	2.95E-07	5.44E-08	1.67E-08	7.12E-08	4.24E-08	8.06E-09	5.05E-08
9397	625259.13	4266982.81	2.77E-07	8.79E-08	3.65E-07	2.31E-07	6.58E-08	2.97E-07	5.48E-08	1.68E-08	7.17E-08	4.27E-08	8.11E-09	5.08E-08
9398	625249.99	4266986.41	2.79E-07	8.85E-08	3.67E-07	2.33E-07	6.63E-08	2.99E-07	5.52E-08	1.70E-08	7.21E-08	4.30E-08	8.17E-09	5.12E-08
9399	625240.85	4266990.01	2.81E-07	8.91E-08	3.70E-07	2.35E-07	6.67E-08	3.01E-07	5.55E-08	1.71E-08	7.26E-08	4.33E-08	8.22E-09	5.15E-08
9400	625231.71	4266993.6	2.82E-07	8.97E-08	3.72E-07	2.36E-07	6.71E-08	3.03E-07	5.59E-08	1.72E-08	7.31E-08	4.36E-08	8.28E-09	5.18E-08
9401	625222.58	4266997.2	2.84E-07	9.02E-08	3.74E-07	2.37E-07	6.75E-08	3.05E-07	5.62E-08	1.73E-08	7.35E-08	4.38E-08	8.33E-09	5.22E-08
9402	625213.44	4267000.8	2.86E-07	9.07E-08	3.76E-07	2.39E-07	6.79E-08	3.07E-07	5.65E-08	1.74E-08	7.39E-08	4.41E-08	8.37E-09	5.24E-08
9403	625204.3	4267004.4	2.87E-07	9.12E-08	3.78E-07	2.40E-07	6.83E-08	3.08E-07	5.68E-08	1.75E-08	7.43E-08	4.43E-08	8.42E-09	5.27E-08
9404	625195.16	4267008	2.89E-07	9.17E-08	3.80E-07	2.41E-07	6.86E-08	3.10E-07	5.71E-08	1.76E-08	7.47E-08	4.45E-08	8.46E-09	5.30E-08
9405	625186.03	4267011.6	2.90E-07	9.21E-08	3.82E-07	2.42E-07	6.89E-08	3.11E-07	5.74E-08	1.76E-08	7.50E-08	4.47E-08	8.50E-09	5.32E-08
9406	625176.89	4267015.2	2.91E-07	9.25E-08	3.84E-07	2.43E-07	6.93E-08	3.13E-07	5.76E-08	1.77E-08	7.54E-08	4.49E-08	8.54E-09	5.35E-08
9407	625167.75	4267018.8	2.92E-07	9.29E-08	3.85E-07	2.44E-07	6.95E-08	3.14E-07	5.79E-08	1.78E-08	7.57E-08	4.51E-08	8.57E-09	5.37E-08
9408	625158.61	4267022.39	2.94E-07	9.32E-08	3.87E-07	2.45E-07	6.98E-08	3.15E-07	5.81E-08	1.79E-08	7.60E-08	4.53E-08	8.61E-09	5.39E-08
9409	625149.48	4267025.99	2.95E-07	9.36E-08	3.88E-07	2.46E-07	7.01E-08	3.16E-07	5.83E-08	1.79E-08	7.63E-08	4.55E-08	8.64E-09	5.41E-08
9410	625140.34	4267029.59	2.96E-07	9.39E-08	3.90E-07	2.47E-07	7.03E-08	3.17E-07	5.85E-08	1.80E-08	7.65E-08	4.56E-08	8.67E-09	5.43E-08
9411	625131.2	4267033.19	2.97E-07	9.42E-08	3.91E-07	2.48E-07	7.05E-08	3.18E-07	5.87E-08	1.80E-08	7.68E-08	4.58E-08	8.69E-09	5.45E-08
9412	625122.06	4267036.79	2.97E-07	9.45E-08	3.92E-07	2.49E-07	7.07E-08	3.19E-07	5.89E-08	1.81E-08	7.70E-08	4.59E-08	8.72E-09	5.46E-08
9413	625112.93	4267040.39	2.98E-07	9.47E-08	3.93E-07	2.49E-07	7.09E-08	3.20E-07	5.90E-08	1.81E-08	7.72E-08	4.60E-08	8.74E-09	5.48E-08
9414	625103.79	4267043.99	2.99E-07	9.50E-08	3.94E-07	2.50E-07	7.11E-08	3.21E-07	5.92E-08	1.82E-08	7.74E-08	4.61E-08	8.76E-09	5.49E-08
9415	625094.65	4267047.59	3.00E-07	9.52E-08	3.95E-07	2.51E-07	7.13E-08	3.22E-07	5.93E-08	1.82E-08	7.76E-08	4.62E-08	8.78E-09	5.50E-08
9416	625085.51	4267051.18	3.00E-07	9.54E-08	3.96E-07	2.51E-07	7.14E-08	3.22E-07	5.95E-08	1.83E-08	7.77E-08	4.64E-08	8.80E-09	5.52E-08
9417	625076.38	4267054.78	3.01E-07	9.56E-08	3.97E-07	2.52E-07	7.16E-08	3.23E-07	5.96E-08	1.83E-08	7.79E-08	4.64E-08	8.82E-09	5.53E-08
9418	625067.24	4267058.38	3.01E-07	9.57E-08	3.97E-07	2.52E-07	7.17E-08	3.24E-07	5.97E-08	1.83E-08	7.80E-08	4.65E-08	8.83E-09	5.53E-08
9419	625058.1	4267061.98	3.02E-07	9.58E-08	3.98E-07	2.52E-07	7.18E-08	3.24E-07	5.97E-08	1.84E-08	7.81E-08	4.66E-08	8.85E-09	5.54E-08
9420	625048.96	4267065.58	3.02E-07	9.59E-08	3.98E-07	2.53E-07	7.18E-08	3.24E-07	5.98E-08	1.84E-08	7.82E-08	4.66E-08	8.85E-09	5.55E-08
9421	625039.83	4267069.18	3.02E-07	9.60E-08	3.98E-07	2.53E-07	7.19E-08	3.25E-07	5.98E-08	1.84E-08	7.82E-08	4.66E-08	8.86E-09	5.55E-08
9422	625030.69	4267072.78	3.02E-07	9.60E-08	3.98E-07	2.53E-07	7.19E-08	3.25E-07	5.98E-08	1.84E-08	7.82E-08	4.67E-08	8.86E-09	5.55E-08
9423	625021.55	4267076.38	3.02E-07	9.60E-08	3.98E-07	2.53E-07	7.19E-08	3.25E-07	5.98E-08	1.84E-08	7.82E-08	4.66E-08	8.86E-09	5.55E-08
9424	625012.41	4267079.97	3.02E-07	9.59E-08	3.98E-07	2.52E-07	7.18E-08	3.24E-07	5.98E-08	1.84E-08	7.82E-08	4.66E-08	8.85E-09	5.55E-08
9425	625003.28	4267083.57	3.02E-07	9.58E-08	3.97E-07	2.52E-07	7.17E-08	3.24E-07	5.97E-08	1.84E-08	7.81E-08	4.66E-08	8.84E-09	5.54E-08
9426	624994.14	4267087.17	3.01E-07	9.57E-08	3.97E-07	2.52E-07	7.16E-08	3.23E-07	5.96E-08	1.83E-08	7.79E-08	4.65E-08	8.83E-09	5.53E-08
9427	624985	4267090.77	3.01E-07	9.55E-08	3.96E-07	2.51E-07	7.15E-08	3.23E-07	5.95E-08	1.83E-08	7.78E-08	4.64E-08	8.81E-09	5.52E-08
9428	624975.86	4267094.37	3.00E-07	9.52E-08	3.95E-07	2.51E-07	7.13E-08	3.22E-07	5.93E-08	1.82E-08	7.76E-08	4.63E-08	8.79E-09	5.50E-08
9429	624966.73	4267097.97	2.99E-07	9.49E-08	3.94E-07	2.50E-07	7.11E-08	3.21E-07	5.92E-08	1.82E-08	7.73E-08	4.61E-08	8.76E-09	5.49E-08
9430	624957.59	4267101.57	2.98E-07	9.46E-08	3.92E-07	2.49E-07	7.08E-08	3.20E-07	5.89E-08	1.81E-08	7.71E-08	4.60E-08	8.73E-09	5.47E-08
9431	624948.45	4267105.17	2.97E-07	9.42E-08	3.91E-07	2.48E-07	7.05E-08	3.18E-07	5.87E-08	1.81E-08	7.68E-08	4.58E-08	8.69E-09	5.45E-08
9432	624939.31	4267108.77	2.95E-07	9.38E-08	3.89E-07	2.47E-07	7.02E-08	3.17E-07	5.85E-08	1.80E-08	7.64E-08	4.56E-08	8.66E-09	5.42E-08
9433	624930.18	4267112.36	2.94E-07	9.34E-08	3.87E-07	2.46E-07	6.99E-08	3.16E-07	5.82E-08	1.79E-08	7.61E-08	4.54E-08	8.62E-09	5.40E-08
9434	624921.04	4267115.96	2.93E-07	9.29E-08	3.86E-07	2.45E-07	6.96E-08	3.14E-07	5.79E-08	1.78E-08	7.57E-08	4.51E-08	8.58E-09	5.37E-08
9435	624911.9	4267119.56	2.91E-07	9.24E-08	3.84E-07	2.43E-07	6.92E-08	3.13E-07	5.76E-08	1.77E-08	7.53E-08	4.49E-08	8.53E-09	5.35E-08
9436	624902.76	4267123.16	2.90E-07	9.20E-08	3.82E-07	2.42E-07	6.88E-08	3.11E-07	5.73E-08	1.76E-08	7.49E-08	4.47E-08	8.49E-09	5.32E-08
9437	624893.63	4267126.76	2.88E-07	9.15E-08	3.79E-07	2.41E-07	6.85E-08	3.09E-07	5.70E-08	1.75E-08	7.45E-08	4.44E-08	8.44E-09	5.29E-08
9438	624884.49	4267130.36	2.86E-07	9.09E-08	3.77E-07	2.39E-07	6.81E-08	3.07E-07	5.67E-08	1.74E-08	7.41E-08	4.42E-08	8.39E-09	5.26E-08
9439	624875.35	4267133.96	2.85E-07	9.04E-08	3.75E-07	2.38E-07	6.77E-08	3.06E-07	5.64E-08	1.73E-08	7.37E-08	4.39E-08	8.35E-09	5.23E-08
9440	624866.21	4267137.56	2.83E-07	8.99E-08	3.73E-07	2.37E-07	6.73E-08	3.04E-07	5.60E-08	1.72E-08	7.33E-08	4.37E-08	8.30E-09	5.20E-08
9441	624857.08	4267141.15	2.81E-07	8.94E-08	3.71E-07	2.35E-07	6.69E-08	3.02E-07	5.57E-08	1.71E-08	7.28E-08	4.34E-08	8.25E-09	5.17E-08
9442	624847.94	4267144.75	2.80E-07	8.89E-08	3.69E-07	2.34E-07	6.65E-08	3.00E-07	5.54E-08	1.70E-08	7.24E-08	4.32E-08	8.20E-09	5.14E-08
9443	624838.8	4267148.35	2.78E-07	8.84E-08	3.67E-07	2.33E-07	6.62E-08	2.99E-07	5.51E-08	1.69E-08	7.20E-08	4.29E-08	8.16E-09	5.11E-08
9444	625847.55	4266158.64	1.70E-07	5.41E-08	2.25E-07	1.42E-07	4.05E-08	1.83E-07	3.37E-08	1.04E-08	4.41E-08	2.63E-08	4.99E-09	3.13E-08
9445	625847.71	4266148.71	1.70E-07	5.39E-08	2.24E-07	1.42E-07	4.04E-08	1.82E-07	3.36E-08	1.03E-08	4.40E-08	2.62E-08	4.98E-09	3.12E-08
9446	625847.88	4266138.77	1.69E-07	5.37E-08	2.23E-07	1.41E-07	4.02E-08	1.82E-07	3.35E-08	1.03E-08	4.38E-08	2.61E-08	4.96E-09	3.11E-08
9447	625848.04	4266128.84	1.69E-07	5.35E-08	2.22E-07	1.41E-07	4.01E-08	1.81E-07	3.34E-08	1.03E-08	4.36E-08	2.60E-08	4.94E-09	3.09E-08
9448	625848.2	4266118.91	1.68E-07	5.33E-08	2.21E-07	1.40E-07	3.99E-08	1.80E-07	3.32E-08	1.02E-08	4.35E-08	2.59E-08	4.92E-09	3.08E-08
9449	625848.37	4266108.97	1.67E-07	5.31E-08	2.20E-07	1.40E-07	3.98E-08	1.80E-07	3.31E-08	1.02E-08	4.33E-08	2.58E-08	4.90E-09	3.07E-08
9450	625848.53	4266099.04	1.66E-07	5.29E-08	2.19E-07	1.39E-07	3.96E-08	1.79E-07	3.29E-08	1.01E-08	4.31E-08	2.57E-08	4.88E-09	3.06E-08
9451	625848.69	4266089.11	1.66E-07	5.26E-08	2.18E-07	1.38E-07	3.94E-08	1.78E-07	3.28E-08	1.01E-08	4.29E-08	2.56E-08	4.85E-09	3.04E-08
9452	625848.86	4266079.17	1.65E-07	5.23E-08	2.17E-07	1.38E-07	3.92E-08	1.77E-07	3.26E-08	1.00E-08	4.26E-08	2.54E-08	4.83E-09	3.03E-08
9453	625849.02	4266069.24	1.64E-07	5.20E-08	2.16E-07	1.37E-07	3.89E-08	1.76E-07	3.24E-08	9.97E-09	4.24E-08	2.53E-08	4.80E-09	3.01E-08
9454	625849.18	4266059.31	1.63E-07	5.17E-08	2.15E-07	1.36E-07	3.87E-08	1.75E-07	3.22E-08	9.91E-09	4.21E-08	2.51E-08	4.77E-09	2.99E-08
9455	625849.35	4266049.37	1.62E-07	5.14E-08	2.13E-07	1.35E-07	3.85E-08	1.74E-07	3.20E-08	9.85E-09	4.19E-08	2.50E-08	4.74E-09	2.97E-08
9456	625849.51	4266039.44	1.61E-07	5.11E-08	2.12E-07	1.34E-07	3.82E-08	1.73E-07	3.18E-08	9.79E-09	4.16E-08	2.48E-08	4.71E-09	2.95E-08
9457	625849.67	4266029.51	1.60E-07	5.08E-08	2.11E-07	1.34E-07	3.80E-08	1.72E-07	3.16E-08	9.73E-09	4.14E-08	2.47E-08	4.69E-09	2.94E-08
9458	625849.84	4266019.57	1.59E-07	5.05E-08	2.09E-07	1.33E-07	3.78E-08	1.71E-07	3.15E-08	9.67E-09	4.11E-08	2.45E-08	4.66E-09	2.92E-08
9459	625850	4266009.64	1.58E-07	5.02E-08	2.08E-07	1.32E-07	3.76E-08	1.70E-07	3.13E-08	9.62E-09	4.09E-08	2.44E-08	4.63E-09	2.90E-08
9460	625850.16	4265999.71	1.57E-07	4.99E-08	2.07E-07	1.31E-07	3.74E-08	1.69E-07	3.11E-08	9.57E-09	4.07E-08	2.43E-08	4.61E-09	2.89E-08
9461	625850.33	4265989.77	1.57E-07	4.97E-08	2.06E-07	1.31E-07	3.72E-08	1.68E-07	3.10E-08	9.52E-09	4.05E-08	2.42E-08	4.59E-09	2.87E-08
9462	625850.49	4265979.84	1.56E-07	4.94E-08	2.05E-07	1.30E-07	3.70E-08	1.67E-07	3.08E-08	9.47E-09	4.03E-08	2.40E-08	4.56E-09	2.86E-08
9463	625850.66	4265969.91	1.55E-07	4.92E-08	2.04E-07	1.29E-07	3.68E-08	1.66E-07	3.06E-08	9.42E-09	4.01E-08	2.39E-08	4.54E-09	2.84E-08
9464	625850.82	4265959.97	1.54E-07	4.89E-08	2.03E-07	1.29E-07	3.66E-08	1.65E-07	3.05E-08	9.36E-09	3.98E-08	2.37E-08	4.51E-09	2.83E-08
9465	625850.98	4265950.04	1.53E-07	4.86E-08	2.02E-07	1.28E-07	3.64E-08	1.64E-07	3.03E-08	9.32E-09	3.96E-08	2.36E-08	4.49E-09	2.81E-08
9466	625851.15	4265940.11	1.53E-07	4.85E-08	2.01E-07	1.28E-07	3.63E-08	1.64E-07	3.02E-08	9.28E-09	3.95E-08	2.35E-08	4.47E-09	2.80E-08
9467	625851.31	4265930.17	1.52E-07	4.83E-08	2.00E-07	1.27E-07	3.62E-08	1.63E-07	3.01E-08	9.25E-09	3.93E-08	2.35E-08	4.46E-09	2.79E-08
9468	625851.47	4265920.24	1.52E-07	4.81E-08	2.00E-07	1.27E-07	3.60E-08	1.63E-07	3.00E-08	9.22E-09	3.92E-08	2.34E-08	4.44E-09	2.78E-08

9469	625851.64	4265910.31	1.51E-07	4.80E-08	1.99E-07	1.26E-07	3.59E-08	1.62E-07	2.99E-08	9.20E-09	3.91E-08	2.33E-08	4.43E-09	2.78E-08
9470	625851.8	4265900.37	1.51E-07	4.79E-08	1.99E-07	1.26E-07	3.59E-08	1.62E-07	2.99E-08	9.18E-09	3.90E-08	2.33E-08	4.42E-09	2.77E-08
9471	625851.96	4265890.44	1.51E-07	4.78E-08	1.98E-07	1.26E-07	3.58E-08	1.62E-07	2.98E-08	9.17E-09	3.90E-08	2.32E-08	4.42E-09	2.77E-08
9472	625852.13	4265880.51	1.51E-07	4.78E-08	1.98E-07	1.26E-07	3.58E-08	1.62E-07	2.98E-08	9.16E-09	3.89E-08	2.32E-08	4.41E-09	2.76E-08
9473	625852.29	4265870.57	1.50E-07	4.78E-08	1.98E-07	1.26E-07	3.58E-08	1.62E-07	2.98E-08	9.16E-09	3.89E-08	2.32E-08	4.41E-09	2.76E-08
9474	625852.45	4265860.64	1.51E-07	4.78E-08	1.98E-07	1.26E-07	3.58E-08	1.62E-07	2.98E-08	9.16E-09	3.90E-08	2.32E-08	4.41E-09	2.76E-08
9475	625852.62	4265850.71	1.51E-07	4.79E-08	1.99E-07	1.26E-07	3.58E-08	1.62E-07	2.98E-08	9.17E-09	3.90E-08	2.33E-08	4.42E-09	2.77E-08
9476	625852.78	4265840.77	1.51E-07	4.80E-08	1.99E-07	1.26E-07	3.59E-08	1.62E-07	2.99E-08	9.19E-09	3.91E-08	2.33E-08	4.43E-09	2.77E-08
9477	625852.94	4265830.84	1.51E-07	4.81E-08	2.00E-07	1.27E-07	3.60E-08	1.63E-07	3.00E-08	9.21E-09	3.92E-08	2.34E-08	4.44E-09	2.78E-08
9478	625853.11	4265820.91	1.52E-07	4.82E-08	2.00E-07	1.27E-07	3.61E-08	1.63E-07	3.01E-08	9.24E-09	3.93E-08	2.34E-08	4.45E-09	2.79E-08
9479	625853.27	4265810.97	1.53E-07	4.84E-08	2.01E-07	1.27E-07	3.63E-08	1.64E-07	3.02E-08	9.28E-09	3.95E-08	2.35E-08	4.47E-09	2.80E-08
9480	625853.44	4265801.04	1.53E-07	4.87E-08	2.02E-07	1.28E-07	3.64E-08	1.64E-07	3.03E-08	9.32E-09	3.96E-08	2.36E-08	4.49E-09	2.81E-08
9481	625853.6	4265791.11	1.54E-07	4.89E-08	2.03E-07	1.29E-07	3.66E-08	1.65E-07	3.05E-08	9.37E-09	3.98E-08	2.38E-08	4.51E-09	2.83E-08
9482	625853.76	4265781.17	1.55E-07	4.92E-08	2.04E-07	1.29E-07	3.68E-08	1.66E-07	3.06E-08	9.42E-09	4.01E-08	2.39E-08	4.54E-09	2.84E-08
9483	625853.93	4265771.24	1.56E-07	4.95E-08	2.05E-07	1.30E-07	3.70E-08	1.67E-07	3.08E-08	9.48E-09	4.03E-08	2.40E-08	4.56E-09	2.86E-08
9484	625854.09	4265761.31	1.57E-07	4.98E-08	2.07E-07	1.31E-07	3.73E-08	1.68E-07	3.10E-08	9.54E-09	4.06E-08	2.42E-08	4.59E-09	2.88E-08
9485	625854.25	4265751.37	1.58E-07	5.01E-08	2.08E-07	1.32E-07	3.75E-08	1.69E-07	3.12E-08	9.60E-09	4.08E-08	2.43E-08	4.62E-09	2.90E-08
9486	625854.42	4265741.44	1.59E-07	5.05E-08	2.09E-07	1.33E-07	3.78E-08	1.71E-07	3.14E-08	9.67E-09	4.11E-08	2.45E-08	4.66E-09	2.92E-08
9487	625854.58	4265731.51	1.60E-07	5.08E-08	2.11E-07	1.34E-07	3.80E-08	1.72E-07	3.17E-08	9.73E-09	4.14E-08	2.47E-08	4.69E-09	2.94E-08
9488	625854.74	4265721.57	1.61E-07	5.12E-08	2.12E-07	1.35E-07	3.83E-08	1.73E-07	3.19E-08	9.81E-09	4.17E-08	2.49E-08	4.72E-09	2.96E-08
9489	625854.91	4265711.64	1.62E-07	5.16E-08	2.14E-07	1.36E-07	3.86E-08	1.74E-07	3.21E-08	9.88E-09	4.20E-08	2.50E-08	4.76E-09	2.98E-08
9490	625855.07	4265701.71	1.64E-07	5.19E-08	2.15E-07	1.37E-07	3.89E-08	1.76E-07	3.24E-08	9.95E-09	4.23E-08	2.52E-08	4.79E-09	3.00E-08
9491	625855.23	4265691.77	1.65E-07	5.23E-08	2.17E-07	1.38E-07	3.92E-08	1.77E-07	3.26E-08	1.00E-08	4.26E-08	2.54E-08	4.83E-09	3.02E-08
9492	625939.48	4266188.4	1.55E-07	4.91E-08	2.04E-07	1.29E-07	3.68E-08	1.66E-07	3.06E-08	9.41E-09	4.00E-08	2.39E-08	4.53E-09	2.84E-08
9493	625935.53	4266197.5	1.56E-07	4.95E-08	2.05E-07	1.30E-07	3.70E-08	1.67E-07	3.08E-08	9.47E-09	4.03E-08	2.40E-08	4.56E-09	2.86E-08
9494	625931.58	4266206.59	1.57E-07	4.98E-08	2.07E-07	1.31E-07	3.73E-08	1.68E-07	3.10E-08	9.54E-09	4.06E-08	2.42E-08	4.59E-09	2.88E-08
9495	625927.64	4266215.68	1.58E-07	5.01E-08	2.08E-07	1.32E-07	3.75E-08	1.69E-07	3.12E-08	9.60E-09	4.08E-08	2.43E-08	4.62E-09	2.90E-08
9496	625923.69	4266224.78	1.59E-07	5.04E-08	2.09E-07	1.33E-07	3.77E-08	1.70E-07	3.14E-08	9.65E-09	4.10E-08	2.45E-08	4.65E-09	2.91E-08
9497	625919.74	4266233.87	1.59E-07	5.06E-08	2.10E-07	1.33E-07	3.79E-08	1.71E-07	3.16E-08	9.70E-09	4.13E-08	2.46E-08	4.67E-09	2.93E-08
9498	625915.8	4266242.97	1.60E-07	5.09E-08	2.11E-07	1.34E-07	3.81E-08	1.72E-07	3.17E-08	9.75E-09	4.15E-08	2.47E-08	4.69E-09	2.94E-08
9499	625911.85	4266252.06	1.61E-07	5.11E-08	2.12E-07	1.34E-07	3.83E-08	1.73E-07	3.18E-08	9.79E-09	4.16E-08	2.48E-08	4.72E-09	2.95E-08
9500	625907.9	4266261.15	1.61E-07	5.13E-08	2.13E-07	1.35E-07	3.84E-08	1.73E-07	3.20E-08	9.82E-09	4.18E-08	2.49E-08	4.73E-09	2.96E-08
9501	625903.95	4266270.25	1.62E-07	5.14E-08	2.13E-07	1.35E-07	3.85E-08	1.74E-07	3.21E-08	9.86E-09	4.19E-08	2.50E-08	4.75E-09	2.97E-08
9502	625900.01	4266279.34	1.62E-07	5.16E-08	2.14E-07	1.36E-07	3.86E-08	1.74E-07	3.21E-08	9.88E-09	4.20E-08	2.51E-08	4.76E-09	2.98E-08
9503	625896.06	4266288.43	1.63E-07	5.16E-08	2.14E-07	1.36E-07	3.87E-08	1.75E-07	3.22E-08	9.90E-09	4.21E-08	2.51E-08	4.77E-09	2.99E-08
9504	625892.11	4266297.53	1.63E-07	5.17E-08	2.15E-07	1.36E-07	3.87E-08	1.75E-07	3.22E-08	9.91E-09	4.21E-08	2.51E-08	4.77E-09	2.99E-08
9505	625888.17	4266306.62	1.63E-07	5.17E-08	2.15E-07	1.36E-07	3.87E-08	1.75E-07	3.22E-08	9.91E-09	4.21E-08	2.51E-08	4.77E-09	2.99E-08
9506	625884.22	4266315.71	1.63E-07	5.17E-08	2.15E-07	1.36E-07	3.87E-08	1.75E-07	3.22E-08	9.91E-09	4.21E-08	2.51E-08	4.77E-09	2.99E-08
9507	625880.27	4266324.81	1.63E-07	5.17E-08	2.14E-07	1.36E-07	3.87E-08	1.75E-07	3.22E-08	9.90E-09	4.21E-08	2.51E-08	4.77E-09	2.99E-08
9508	625876.33	4266333.9	1.62E-07	5.16E-08	2.14E-07	1.36E-07	3.86E-08	1.74E-07	3.22E-08	9.89E-09	4.20E-08	2.51E-08	4.76E-09	2.98E-08
9509	625872.38	4266342.99	1.62E-07	5.15E-08	2.14E-07	1.36E-07	3.86E-08	1.74E-07	3.21E-08	9.87E-09	4.20E-08	2.50E-08	4.75E-09	2.98E-08
9510	625868.43	4266352.09	1.62E-07	5.14E-08	2.13E-07	1.35E-07	3.85E-08	1.74E-07	3.20E-08	9.84E-09	4.19E-08	2.50E-08	4.74E-09	2.97E-08
9511	625864.48	4266361.18	1.61E-07	5.12E-08	2.12E-07	1.35E-07	3.83E-08	1.73E-07	3.19E-08	9.81E-09	4.17E-08	2.49E-08	4.73E-09	2.96E-08
9512	625860.54	4266370.27	1.61E-07	5.10E-08	2.12E-07	1.34E-07	3.82E-08	1.72E-07	3.18E-08	9.77E-09	4.16E-08	2.48E-08	4.71E-09	2.95E-08
9513	625856.59	4266379.37	1.60E-07	5.08E-08	2.11E-07	1.34E-07	3.80E-08	1.72E-07	3.17E-08	9.74E-09	4.14E-08	2.47E-08	4.69E-09	2.94E-08
9514	625852.64	4266388.46	1.59E-07	5.06E-08	2.10E-07	1.33E-07	3.79E-08	1.71E-07	3.15E-08	9.69E-09	4.12E-08	2.46E-08	4.67E-09	2.93E-08
9515	625848.7	4266397.55	1.59E-07	5.04E-08	2.09E-07	1.33E-07	3.77E-08	1.70E-07	3.14E-08	9.65E-09	4.10E-08	2.45E-08	4.65E-09	2.91E-08
9516	625844.75	4266406.65	1.58E-07	5.01E-08	2.08E-07	1.32E-07	3.75E-08	1.69E-07	3.12E-08	9.60E-09	4.08E-08	2.44E-08	4.63E-09	2.90E-08
9517	625840.8	4266415.74	1.57E-07	4.99E-08	2.07E-07	1.31E-07	3.73E-08	1.69E-07	3.11E-08	9.56E-09	4.07E-08	2.42E-08	4.60E-09	2.88E-08
9518	625836.86	4266424.83	1.56E-07	4.96E-08	2.06E-07	1.31E-07	3.72E-08	1.68E-07	3.09E-08	9.51E-09	4.05E-08	2.41E-08	4.58E-09	2.87E-08
9519	625832.91	4266433.93	1.56E-07	4.94E-08	2.05E-07	1.30E-07	3.70E-08	1.67E-07	3.08E-08	9.47E-09	4.03E-08	2.40E-08	4.56E-09	2.86E-08
9520	625828.96	4266443.02	1.55E-07	4.92E-08	2.04E-07	1.29E-07	3.68E-08	1.66E-07	3.06E-08	9.42E-09	4.01E-08	2.39E-08	4.54E-09	2.84E-08
9521	625825.01	4266452.11	1.54E-07	4.89E-08	2.03E-07	1.29E-07	3.66E-08	1.65E-07	3.05E-08	9.38E-09	3.99E-08	2.38E-08	4.52E-09	2.83E-08
9522	625821.07	4266461.21	1.53E-07	4.87E-08	2.02E-07	1.28E-07	3.65E-08	1.65E-07	3.04E-08	9.33E-09	3.97E-08	2.37E-08	4.50E-09	2.82E-08
9523	625817.12	4266470.3	1.53E-07	4.85E-08	2.01E-07	1.28E-07	3.63E-08	1.64E-07	3.03E-08	9.30E-09	3.96E-08	2.36E-08	4.48E-09	2.81E-08
9524	625813.17	4266479.39	1.52E-07	4.84E-08	2.01E-07	1.27E-07	3.62E-08	1.64E-07	3.01E-08	9.27E-09	3.94E-08	2.35E-08	4.46E-09	2.80E-08
9525	625809.23	4266488.49	1.52E-07	4.82E-08	2.00E-07	1.27E-07	3.61E-08	1.63E-07	3.01E-08	9.24E-09	3.93E-08	2.34E-08	4.45E-09	2.79E-08
9526	625805.28	4266497.58	1.51E-07	4.81E-08	2.00E-07	1.27E-07	3.60E-08	1.63E-07	3.00E-08	9.22E-09	3.92E-08	2.34E-08	4.44E-09	2.78E-08
9527	625801.33	4266506.67	1.51E-07	4.80E-08	1.99E-07	1.26E-07	3.59E-08	1.62E-07	2.99E-08	9.20E-09	3.91E-08	2.33E-08	4.43E-09	2.78E-08
9528	625797.39	4266515.77	1.51E-07	4.79E-08	1.99E-07	1.26E-07	3.59E-08	1.62E-07	2.99E-08	9.18E-09	3.91E-08	2.33E-08	4.42E-09	2.77E-08
9529	625793.44	4266524.86	1.51E-07	4.79E-08	1.99E-07	1.26E-07	3.58E-08	1.62E-07	2.98E-08	9.17E-09	3.90E-08	2.33E-08	4.42E-09	2.77E-08
9530	625789.49	4266533.95	1.51E-07	4.79E-08	1.99E-07	1.26E-07	3.58E-08	1.62E-07	2.98E-08	9.17E-09	3.90E-08	2.33E-08	4.42E-09	2.77E-08
9531	625785.54	4266543.05	1.51E-07	4.78E-08	1.99E-07	1.26E-07	3.58E-08	1.62E-07	2.98E-08	9.17E-09	3.90E-08	2.32E-08	4.42E-09	2.77E-08
9532	625781.6	4266552.14	1.51E-07	4.79E-08	1.99E-07	1.26E-07	3.58E-08	1.62E-07	2.98E-08	9.17E-09	3.90E-08	2.33E-08	4.42E-09	2.77E-08
9533	625777.65	4266561.24	1.51E-07	4.79E-08	1.99E-07	1.26E-07	3.59E-08	1.62E-07	2.98E-08	9.18E-09	3.90E-08	2.33E-08	4.42E-09	2.77E-08
9534	625773.7	4266570.33	1.51E-07	4.79E-08	1.99E-07	1.26E-07	3.59E-08	1.62E-07	2.99E-08	9.18E-09	3.91E-08	2.33E-08	4.42E-09	2.77E-08
9535	625769.76	4266579.42	1.51E-07	4.80E-08	1.99E-07	1.26E-07	3.59E-08	1.62E-07	2.99E-08	9.19E-09	3.91E-08	2.33E-08	4.43E-09	2.77E-08
9536	625765.81	4266588.52	1.51E-07	4.81E-08	1.99E-07	1.26E-07	3.60E-08	1.62E-07	3.00E-08	9.21E-09	3.92E-08	2.33E-08	4.43E-09	2.78E-08
9537	625761.86	4266597.61	1.52E-07	4.82E-08	2.00E-07	1.27E-07	3.61E-08	1.63E-07	3.00E-08	9.23E-09	3.92E-08	2.34E-08	4.44E-09	2.78E-08
9538	625757.92	4266606.7	1.52E-07	4.83E-08	2.00E-07	1.27E-07	3.61E-08	1.63E-07	3.01E-08	9.25E-09	3.93E-08	2.35E-08	4.46E-09	2.79E-08
9539	625753.97	4266615.8	1.52E-07	4.84E-08	2.01E-07	1.27E-07	3.62E-08	1.64E-07	3.02E-08	9.28E-09	3.94E-08	2.35E-08	4.47E-09	2.80E-08
9540	625750.02	4266624.89	1.53E-07	4.86E-08	2.01E-07	1.28E-07	3.64E-08	1.64E-07	3.03E-08	9.30E-09	3.96E-08	2.36E-08	4.48E-09	2.81E-08
9541	625746.07	4266633.98	1.53E-07	4.87E-08	2.02E-07	1.28E-07	3.65E-08	1.65E-07	3.04E-08	9.33E-09	3.97E-08	2.37E-08	4.50E-09	2.82E-08
9542	625742.13	4266643.08	1.54E-07	4.89E-08	2.03E-07	1.29E-07	3.66E-08	1.65E-07	3.05E-08	9.37E-09	3.98E-08	2.38E-08	4.51E-09	2.83E-08

9543	625738.18	4266652.17	1.55E-07	4.91E-08	2.04E-07	1.29E-07	3.67E-08	1.66E-07	3.06E-08	9.40E-09	4.00E-08	2.38E-08	4.53E-09	2.84E-08
9544	625734.23	4266661.26	1.55E-07	4.93E-08	2.04E-07	1.30E-07	3.69E-08	1.67E-07	3.07E-08	9.44E-09	4.02E-08	2.39E-08	4.55E-09	2.85E-08
9545	625730.29	4266670.36	1.56E-07	4.95E-08	2.05E-07	1.30E-07	3.71E-08	1.67E-07	3.08E-08	9.48E-09	4.03E-08	2.40E-08	4.57E-09	2.86E-08
9546	625726.34	4266679.45	1.56E-07	4.97E-08	2.06E-07	1.31E-07	3.72E-08	1.68E-07	3.10E-08	9.52E-09	4.05E-08	2.41E-08	4.59E-09	2.87E-08
9547	625722.39	4266688.54	1.57E-07	4.99E-08	2.07E-07	1.31E-07	3.74E-08	1.69E-07	3.11E-08	9.57E-09	4.07E-08	2.43E-08	4.61E-09	2.89E-08
9548	625718.45	4266697.64	1.58E-07	5.02E-08	2.08E-07	1.32E-07	3.76E-08	1.70E-07	3.13E-08	9.61E-09	4.09E-08	2.44E-08	4.63E-09	2.90E-08
9549	625714.5	4266706.73	1.59E-07	5.04E-08	2.09E-07	1.33E-07	3.77E-08	1.70E-07	3.14E-08	9.66E-09	4.11E-08	2.45E-08	4.65E-09	2.91E-08
9550	625710.55	4266715.82	1.60E-07	5.07E-08	2.10E-07	1.33E-07	3.79E-08	1.71E-07	3.16E-08	9.71E-09	4.13E-08	2.46E-08	4.68E-09	2.93E-08
9551	625706.6	4266724.92	1.60E-07	5.09E-08	2.11E-07	1.34E-07	3.81E-08	1.72E-07	3.17E-08	9.76E-09	4.15E-08	2.47E-08	4.70E-09	2.94E-08
9552	625702.66	4266734.01	1.61E-07	5.12E-08	2.12E-07	1.35E-07	3.83E-08	1.73E-07	3.19E-08	9.81E-09	4.17E-08	2.49E-08	4.73E-09	2.96E-08
9553	625698.71	4266743.1	1.62E-07	5.15E-08	2.14E-07	1.36E-07	3.86E-08	1.74E-07	3.21E-08	9.87E-09	4.20E-08	2.50E-08	4.75E-09	2.98E-08
9554	625694.76	4266752.2	1.63E-07	5.18E-08	2.15E-07	1.36E-07	3.88E-08	1.75E-07	3.23E-08	9.92E-09	4.22E-08	2.52E-08	4.78E-09	2.99E-08
9555	625682.92	4266779.48	1.66E-07	5.27E-08	2.19E-07	1.39E-07	3.95E-08	1.78E-07	3.29E-08	1.01E-08	4.30E-08	2.56E-08	4.87E-09	3.05E-08
9556	625678.98	4266788.57	1.67E-07	5.30E-08	2.20E-07	1.40E-07	3.97E-08	1.79E-07	3.31E-08	1.02E-08	4.32E-08	2.58E-08	4.90E-09	3.07E-08
9557	625675.03	4266797.66	1.68E-07	5.34E-08	2.21E-07	1.40E-07	4.00E-08	1.80E-07	3.33E-08	1.02E-08	4.35E-08	2.59E-08	4.92E-09	3.09E-08
9558	625671.08	4266806.76	1.69E-07	5.37E-08	2.23E-07	1.41E-07	4.02E-08	1.81E-07	3.35E-08	1.03E-08	4.37E-08	2.61E-08	4.95E-09	3.10E-08
9559	625667.13	4266815.85	1.70E-07	5.40E-08	2.24E-07	1.42E-07	4.04E-08	1.83E-07	3.37E-08	1.03E-08	4.40E-08	2.62E-08	4.98E-09	3.12E-08
9560	625663.19	4266824.94	1.71E-07	5.43E-08	2.25E-07	1.43E-07	4.07E-08	1.84E-07	3.38E-08	1.04E-08	4.43E-08	2.64E-08	5.01E-09	3.14E-08
9561	625659.24	4266834.04	1.72E-07	5.46E-08	2.27E-07	1.44E-07	4.09E-08	1.85E-07	3.40E-08	1.05E-08	4.45E-08	2.65E-08	5.04E-09	3.16E-08
9562	625655.29	4266843.13	1.73E-07	5.49E-08	2.28E-07	1.45E-07	4.11E-08	1.86E-07	3.42E-08	1.05E-08	4.48E-08	2.67E-08	5.07E-09	3.18E-08
9563	625651.35	4266852.22	1.74E-07	5.52E-08	2.29E-07	1.45E-07	4.14E-08	1.87E-07	3.44E-08	1.06E-08	4.50E-08	2.68E-08	5.10E-09	3.19E-08
9564	625647.4	4266861.32	1.75E-07	5.55E-08	2.30E-07	1.46E-07	4.16E-08	1.88E-07	3.46E-08	1.06E-08	4.52E-08	2.70E-08	5.12E-09	3.21E-08
9565	625643.45	4266870.41	1.76E-07	5.58E-08	2.32E-07	1.47E-07	4.18E-08	1.89E-07	3.48E-08	1.07E-08	4.55E-08	2.71E-08	5.15E-09	3.23E-08
9566	625639.51	4266879.51	1.77E-07	5.61E-08	2.33E-07	1.48E-07	4.20E-08	1.90E-07	3.50E-08	1.08E-08	4.57E-08	2.73E-08	5.18E-09	3.24E-08
9567	625635.56	4266888.6	1.78E-07	5.64E-08	2.34E-07	1.48E-07	4.22E-08	1.91E-07	3.51E-08	1.08E-08	4.59E-08	2.74E-08	5.20E-09	3.26E-08
9568	625631.61	4266897.69	1.78E-07	5.67E-08	2.35E-07	1.49E-07	4.24E-08	1.92E-07	3.53E-08	1.09E-08	4.62E-08	2.75E-08	5.23E-09	3.28E-08
9569	625627.66	4266906.79	1.79E-07	5.69E-08	2.36E-07	1.50E-07	4.26E-08	1.92E-07	3.55E-08	1.09E-08	4.64E-08	2.77E-08	5.25E-09	3.29E-08
9570	625623.72	4266915.88	1.80E-07	5.72E-08	2.37E-07	1.50E-07	4.28E-08	1.93E-07	3.56E-08	1.10E-08	4.66E-08	2.78E-08	5.28E-09	3.30E-08
9571	625619.77	4266924.97	1.81E-07	5.74E-08	2.38E-07	1.51E-07	4.30E-08	1.94E-07	3.58E-08	1.10E-08	4.68E-08	2.79E-08	5.30E-09	3.32E-08
9572	625565.76	4266961.32	1.93E-07	6.13E-08	2.54E-07	1.61E-07	4.59E-08	2.07E-07	3.82E-08	1.17E-08	5.00E-08	2.98E-08	5.66E-09	3.54E-08
9573	625556.54	4266964.95	1.95E-07	6.20E-08	2.57E-07	1.63E-07	4.64E-08	2.10E-07	3.86E-08	1.19E-08	5.05E-08	3.01E-08	5.72E-09	3.58E-08
9574	625547.31	4266968.59	1.97E-07	6.27E-08	2.60E-07	1.65E-07	4.69E-08	2.12E-07	3.90E-08	1.20E-08	5.11E-08	3.04E-08	5.78E-09	3.62E-08
9575	625538.09	4266972.22	1.99E-07	6.33E-08	2.63E-07	1.67E-07	4.74E-08	2.14E-07	3.95E-08	1.21E-08	5.16E-08	3.08E-08	5.84E-09	3.66E-08
9576	625528.87	4266975.85	2.01E-07	6.40E-08	2.65E-07	1.68E-07	4.79E-08	2.16E-07	3.99E-08	1.23E-08	5.21E-08	3.11E-08	5.90E-09	3.70E-08
9577	625519.64	4266979.49	2.03E-07	6.46E-08	2.68E-07	1.70E-07	4.84E-08	2.18E-07	4.03E-08	1.24E-08	5.26E-08	3.14E-08	5.96E-09	3.73E-08
9578	625510.42	4266983.12	2.05E-07	6.52E-08	2.71E-07	1.72E-07	4.88E-08	2.20E-07	4.06E-08	1.25E-08	5.31E-08	3.17E-08	6.02E-09	3.77E-08
9579	625501.19	4266986.75	2.07E-07	6.58E-08	2.73E-07	1.73E-07	4.93E-08	2.23E-07	4.10E-08	1.26E-08	5.36E-08	3.20E-08	6.07E-09	3.81E-08
9580	625491.97	4266990.38	2.09E-07	6.64E-08	2.76E-07	1.75E-07	4.97E-08	2.25E-07	4.14E-08	1.27E-08	5.41E-08	3.23E-08	6.13E-09	3.84E-08
9581	625482.75	4266994.02	2.11E-07	6.70E-08	2.78E-07	1.76E-07	5.02E-08	2.27E-07	4.18E-08	1.28E-08	5.46E-08	3.26E-08	6.18E-09	3.87E-08
9582	625473.52	4266997.65	2.13E-07	6.76E-08	2.80E-07	1.78E-07	5.06E-08	2.28E-07	4.21E-08	1.29E-08	5.51E-08	3.28E-08	6.24E-09	3.91E-08
9583	625464.3	4267001.28	2.15E-07	6.82E-08	2.83E-07	1.79E-07	5.10E-08	2.30E-07	4.25E-08	1.31E-08	5.55E-08	3.31E-08	6.29E-09	3.94E-08
9584	625455.08	4267004.91	2.16E-07	6.87E-08	2.85E-07	1.81E-07	5.15E-08	2.32E-07	4.28E-08	1.32E-08	5.60E-08	3.34E-08	6.34E-09	3.97E-08
9585	625445.85	4267008.55	2.18E-07	6.93E-08	2.87E-07	1.82E-07	5.19E-08	2.34E-07	4.32E-08	1.33E-08	5.64E-08	3.37E-08	6.39E-09	4.01E-08
9586	625436.63	4267012.18	2.20E-07	6.98E-08	2.90E-07	1.84E-07	5.23E-08	2.36E-07	4.35E-08	1.34E-08	5.69E-08	3.39E-08	6.44E-09	4.04E-08
9587	625427.41	4267015.81	2.22E-07	7.04E-08	2.92E-07	1.85E-07	5.27E-08	2.38E-07	4.39E-08	1.35E-08	5.73E-08	3.42E-08	6.49E-09	4.07E-08
9588	625418.18	4267019.44	2.23E-07	7.09E-08	2.94E-07	1.87E-07	5.31E-08	2.40E-07	4.42E-08	1.36E-08	5.78E-08	3.45E-08	6.54E-09	4.10E-08
9589	625408.96	4267023.08	2.25E-07	7.14E-08	2.96E-07	1.88E-07	5.35E-08	2.42E-07	4.45E-08	1.37E-08	5.82E-08	3.47E-08	6.59E-09	4.13E-08
9590	625399.74	4267026.71	2.27E-07	7.20E-08	2.99E-07	1.89E-07	5.39E-08	2.43E-07	4.49E-08	1.38E-08	5.87E-08	3.50E-08	6.64E-09	4.16E-08
9591	625390.51	4267030.34	2.28E-07	7.25E-08	3.01E-07	1.91E-07	5.43E-08	2.45E-07	4.52E-08	1.39E-08	5.91E-08	3.52E-08	6.69E-09	4.19E-08
9592	625381.29	4267033.98	2.30E-07	7.31E-08	3.03E-07	1.92E-07	5.47E-08	2.47E-07	4.55E-08	1.40E-08	5.95E-08	3.55E-08	6.74E-09	4.22E-08
9593	625372.07	4267037.61	2.32E-07	7.36E-08	3.05E-07	1.94E-07	5.51E-08	2.49E-07	4.59E-08	1.41E-08	6.00E-08	3.58E-08	6.79E-09	4.26E-08
9594	625362.84	4267041.24	2.33E-07	7.41E-08	3.08E-07	1.95E-07	5.55E-08	2.51E-07	4.62E-08	1.42E-08	6.04E-08	3.60E-08	6.84E-09	4.29E-08
9595	625353.62	4267044.87	2.35E-07	7.47E-08	3.10E-07	1.97E-07	5.59E-08	2.52E-07	4.65E-08	1.43E-08	6.09E-08	3.63E-08	6.89E-09	4.32E-08
9596	625344.4	4267048.51	2.37E-07	7.52E-08	3.12E-07	1.98E-07	5.63E-08	2.54E-07	4.69E-08	1.44E-08	6.13E-08	3.65E-08	6.94E-09	4.35E-08
9597	625335.17	4267052.14	2.39E-07	7.58E-08	3.14E-07	1.99E-07	5.67E-08	2.56E-07	4.72E-08	1.45E-08	6.17E-08	3.68E-08	6.99E-09	4.38E-08
9598	625325.95	4267055.77	2.40E-07	7.63E-08	3.16E-07	2.01E-07	5.71E-08	2.58E-07	4.75E-08	1.46E-08	6.22E-08	3.71E-08	7.04E-09	4.41E-08
9599	625316.72	4267059.4	2.42E-07	7.68E-08	3.19E-07	2.02E-07	5.75E-08	2.60E-07	4.79E-08	1.47E-08	6.26E-08	3.73E-08	7.09E-09	4.44E-08
9600	625307.5	4267063.04	2.44E-07	7.73E-08	3.21E-07	2.04E-07	5.79E-08	2.61E-07	4.82E-08	1.48E-08	6.30E-08	3.76E-08	7.14E-09	4.47E-08
9601	625298.28	4267066.67	2.45E-07	7.78E-08	3.23E-07	2.05E-07	5.83E-08	2.63E-07	4.85E-08	1.49E-08	6.34E-08	3.78E-08	7.18E-09	4.50E-08
9602	625289.05	4267070.3	2.47E-07	7.83E-08	3.25E-07	2.06E-07	5.86E-08	2.65E-07	4.88E-08	1.50E-08	6.38E-08	3.81E-08	7.23E-09	4.53E-08
9603	625279.83	4267073.93	2.48E-07	7.88E-08	3.27E-07	2.07E-07	5.90E-08	2.66E-07	4.91E-08	1.51E-08	6.42E-08	3.83E-08	7.27E-09	4.56E-08
9604	625270.61	4267077.57	2.50E-07	7.93E-08	3.29E-07	2.09E-07	5.94E-08	2.68E-07	4.94E-08	1.52E-08	6.46E-08	3.85E-08	7.32E-09	4.58E-08
9605	625261.38	4267081.2	2.51E-07	7.97E-08	3.31E-07	2.10E-07	5.97E-08	2.70E-07	4.97E-08	1.53E-08	6.50E-08	3.87E-08	7.36E-09	4.61E-08
9606	625252.16	4267084.83	2.52E-07	8.01E-08	3.33E-07	2.11E-07	6.00E-08	2.71E-07	5.00E-08	1.54E-08	6.53E-08	3.89E-08	7.40E-09	4.63E-08
9607	625242.94	4267088.47	2.54E-07	8.06E-08	3.34E-07	2.12E-07	6.03E-08	2.72E-07	5.02E-08	1.54E-08	6.56E-08	3.91E-08	7.43E-09	4.66E-08
9608	625233.71	4267092.1	2.55E-07	8.09E-08	3.36E-07	2.13E-07	6.06E-08	2.74E-07	5.04E-08	1.55E-08	6.60E-08	3.93E-08	7.47E-09	4.68E-08
9609	625224.49	4267095.73	2.56E-07	8.13E-08	3.37E-07	2.14E-07	6.09E-08	2.75E-07	5.07E-08	1.56E-08	6.63E-08	3.95E-08	7.50E-09	4.70E-08
9610	625215.27	4267099.36	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.11E-08	2.76E-07	5.09E-08	1.56E-08	6.65E-08	3.97E-08	7.54E-09	4.72E-08
9611	625206.04	4267103	2.58E-07	8.20E-08	3.40E-07	2.16E-07	6.14E-08	2.77E-07	5.11E-08	1.57E-08	6.68E-08	3.98E-08	7.57E-09	4.74E-08
9612	625196.82	4267106.63	2.59E-07	8.23E-08	3.41E-07	2.17E-07	6.16E-08	2.78E-07	5.13E-08	1.58E-08	6.71E-08	4.00E-08	7.59E-09	4.76E-08
9613	625187.6	4267110.26	2.60E-07	8.26E-08	3.43E-07	2.17E-07	6.18E-08	2.79E-07	5.15E-08	1.58E-08	6.73E-08	4.01E-08	7.62E-09	4.78E-08
9614	625178.37	4267113.89	2.61E-07	8.29E-08	3.44E-07	2.18E-07	6.20E-08	2.80E-07	5.16E-08	1.59E-08	6.75E-08	4.03E-08	7.65E-09	4.79E-08
9615	625169.15	4267117.53	2.62E-07	8.31E-08	3.45E-07	2.19E-07	6.22E-08	2.81E-07	5.18E-08	1.59E-08	6.77E-08	4.04E-08	7.67E-09	4.81E-08
9616	625159.93	4267121.16	2.63E-07	8.34E-08	3.46E-07	2.19E-07	6.24E-08	2.82E-07	5.20E-08	1.60E-08	6.79E-08	4.05E-08	7.69E-09	4.82E-08

9617	625150.7	4267124.79	2.63E-07	8.36E-08	3.47E-07	2.20E-07	6.26E-08	2.83E-07	5.21E-08	1.60E-08	6.81E-08	4.06E-08	7.72E-09	4.83E-08
9618	625141.48	4267128.42	2.64E-07	8.38E-08	3.48E-07	2.21E-07	6.28E-08	2.83E-07	5.22E-08	1.61E-08	6.83E-08	4.07E-08	7.74E-09	4.85E-08
9619	625132.25	4267132.06	2.65E-07	8.40E-08	3.49E-07	2.21E-07	6.29E-08	2.84E-07	5.24E-08	1.61E-08	6.85E-08	4.08E-08	7.76E-09	4.86E-08
9620	625123.03	4267135.69	2.65E-07	8.42E-08	3.49E-07	2.22E-07	6.31E-08	2.85E-07	5.25E-08	1.61E-08	6.86E-08	4.09E-08	7.77E-09	4.87E-08
9621	625113.81	4267139.32	2.66E-07	8.44E-08	3.50E-07	2.22E-07	6.32E-08	2.85E-07	5.26E-08	1.62E-08	6.88E-08	4.10E-08	7.79E-09	4.88E-08
9622	625104.58	4267142.96	2.66E-07	8.46E-08	3.51E-07	2.23E-07	6.33E-08	2.86E-07	5.27E-08	1.62E-08	6.89E-08	4.11E-08	7.80E-09	4.89E-08
9623	625095.36	4267146.59	2.67E-07	8.47E-08	3.51E-07	2.23E-07	6.34E-08	2.86E-07	5.28E-08	1.62E-08	6.90E-08	4.11E-08	7.82E-09	4.90E-08
9624	625086.14	4267150.22	2.67E-07	8.48E-08	3.52E-07	2.23E-07	6.35E-08	2.87E-07	5.28E-08	1.62E-08	6.91E-08	4.12E-08	7.82E-09	4.90E-08
9625	625076.91	4267153.85	2.67E-07	8.49E-08	3.52E-07	2.23E-07	6.35E-08	2.87E-07	5.29E-08	1.63E-08	6.92E-08	4.12E-08	7.83E-09	4.91E-08
9626	625067.69	4267157.49	2.67E-07	8.49E-08	3.52E-07	2.23E-07	6.36E-08	2.87E-07	5.29E-08	1.63E-08	6.92E-08	4.13E-08	7.84E-09	4.91E-08
9627	625058.47	4267161.12	2.67E-07	8.49E-08	3.52E-07	2.24E-07	6.36E-08	2.87E-07	5.29E-08	1.63E-08	6.92E-08	4.13E-08	7.84E-09	4.91E-08
9628	625049.24	4267164.75	2.67E-07	8.49E-08	3.52E-07	2.23E-07	6.36E-08	2.87E-07	5.29E-08	1.63E-08	6.92E-08	4.12E-08	7.84E-09	4.91E-08
9629	625040.02	4267168.38	2.67E-07	8.48E-08	3.52E-07	2.23E-07	6.35E-08	2.87E-07	5.29E-08	1.63E-08	6.91E-08	4.12E-08	7.83E-09	4.90E-08
9630	625030.8	4267172.02	2.67E-07	8.47E-08	3.52E-07	2.23E-07	6.34E-08	2.86E-07	5.28E-08	1.62E-08	6.90E-08	4.12E-08	7.82E-09	4.90E-08
9631	625021.57	4267175.65	2.66E-07	8.46E-08	3.51E-07	2.23E-07	6.33E-08	2.86E-07	5.27E-08	1.62E-08	6.89E-08	4.11E-08	7.81E-09	4.89E-08
9632	625012.35	4267179.28	2.66E-07	8.44E-08	3.50E-07	2.22E-07	6.32E-08	2.85E-07	5.26E-08	1.62E-08	6.88E-08	4.10E-08	7.79E-09	4.88E-08
9633	625003.13	4267182.91	2.65E-07	8.42E-08	3.49E-07	2.22E-07	6.30E-08	2.85E-07	5.25E-08	1.61E-08	6.86E-08	4.09E-08	7.77E-09	4.87E-08
9634	624993.9	4267186.55	2.64E-07	8.39E-08	3.48E-07	2.21E-07	6.28E-08	2.84E-07	5.23E-08	1.61E-08	6.84E-08	4.08E-08	7.74E-09	4.85E-08
9635	624984.68	4267190.18	2.63E-07	8.36E-08	3.47E-07	2.20E-07	6.26E-08	2.83E-07	5.21E-08	1.60E-08	6.81E-08	4.06E-08	7.72E-09	4.83E-08
9636	624975.46	4267193.81	2.62E-07	8.33E-08	3.46E-07	2.19E-07	6.24E-08	2.82E-07	5.19E-08	1.60E-08	6.79E-08	4.05E-08	7.69E-09	4.81E-08
9637	624966.23	4267197.44	2.61E-07	8.29E-08	3.44E-07	2.18E-07	6.21E-08	2.80E-07	5.17E-08	1.59E-08	6.76E-08	4.03E-08	7.65E-09	4.79E-08
9638	624957.01	4267201.08	2.60E-07	8.25E-08	3.42E-07	2.17E-07	6.18E-08	2.79E-07	5.14E-08	1.58E-08	6.72E-08	4.01E-08	7.62E-09	4.77E-08
9639	624947.78	4267204.71	2.59E-07	8.21E-08	3.41E-07	2.16E-07	6.15E-08	2.78E-07	5.12E-08	1.57E-08	6.69E-08	3.99E-08	7.58E-09	4.75E-08
9640	624938.56	4267208.34	2.57E-07	8.17E-08	3.39E-07	2.15E-07	6.12E-08	2.76E-07	5.09E-08	1.56E-08	6.66E-08	3.97E-08	7.54E-09	4.72E-08
9641	624929.34	4267211.98	2.56E-07	8.12E-08	3.37E-07	2.14E-07	6.08E-08	2.75E-07	5.06E-08	1.56E-08	6.62E-08	3.95E-08	7.50E-09	4.70E-08
9642	624920.11	4267215.61	2.54E-07	8.08E-08	3.35E-07	2.13E-07	6.05E-08	2.73E-07	5.03E-08	1.55E-08	6.58E-08	3.93E-08	7.46E-09	4.67E-08
9643	624910.89	4267219.24	2.53E-07	8.03E-08	3.33E-07	2.11E-07	6.01E-08	2.72E-07	5.01E-08	1.54E-08	6.55E-08	3.90E-08	7.41E-09	4.64E-08
9644	624901.67	4267222.87	2.52E-07	7.99E-08	3.31E-07	2.10E-07	5.98E-08	2.70E-07	4.98E-08	1.53E-08	6.51E-08	3.88E-08	7.37E-09	4.62E-08
9645	624892.44	4267226.51	2.50E-07	7.94E-08	3.29E-07	2.09E-07	5.95E-08	2.68E-07	4.95E-08	1.52E-08	6.47E-08	3.86E-08	7.33E-09	4.59E-08
9646	624883.22	4267230.14	2.49E-07	7.90E-08	3.28E-07	2.08E-07	5.91E-08	2.67E-07	4.92E-08	1.51E-08	6.44E-08	3.84E-08	7.29E-09	4.57E-08
9647	624874	4267233.77	2.47E-07	7.85E-08	3.26E-07	2.07E-07	5.88E-08	2.65E-07	4.89E-08	1.50E-08	6.40E-08	3.82E-08	7.25E-09	4.54E-08
9648	624864.77	4267237.4	2.46E-07	7.81E-08	3.24E-07	2.06E-07	5.85E-08	2.64E-07	4.87E-08	1.50E-08	6.36E-08	3.79E-08	7.21E-09	4.52E-08
9649	624855.55	4267241.04	2.45E-07	7.77E-08	3.22E-07	2.04E-07	5.82E-08	2.63E-07	4.84E-08	1.49E-08	6.33E-08	3.77E-08	7.17E-09	4.49E-08
9650	624846.33	4267244.67	2.43E-07	7.73E-08	3.21E-07	2.03E-07	5.78E-08	2.61E-07	4.82E-08	1.48E-08	6.30E-08	3.75E-08	7.13E-09	4.47E-08
9651	624837.1	4267248.3	2.42E-07	7.68E-08	3.19E-07	2.02E-07	5.75E-08	2.60E-07	4.79E-08	1.47E-08	6.26E-08	3.73E-08	7.09E-09	4.44E-08
9652	625947.53	4266160.28	1.52E-07	4.82E-08	2.00E-07	1.27E-07	3.61E-08	1.63E-07	3.00E-08	9.23E-09	3.93E-08	2.34E-08	4.45E-09	2.79E-08
9653	625947.7	4266150.35	1.51E-07	4.80E-08	1.99E-07	1.26E-07	3.59E-08	1.62E-07	2.99E-08	9.19E-09	3.91E-08	2.33E-08	4.43E-09	2.77E-08
9654	625947.86	4266140.42	1.50E-07	4.78E-08	1.98E-07	1.26E-07	3.58E-08	1.61E-07	2.98E-08	9.15E-09	3.89E-08	2.32E-08	4.41E-09	2.76E-08
9655	625948.03	4266130.48	1.50E-07	4.75E-08	1.97E-07	1.25E-07	3.56E-08	1.61E-07	2.96E-08	9.11E-09	3.87E-08	2.31E-08	4.39E-09	2.75E-08
9656	625948.19	4266120.55	1.49E-07	4.73E-08	1.96E-07	1.24E-07	3.54E-08	1.60E-07	2.95E-08	9.06E-09	3.85E-08	2.30E-08	4.36E-09	2.73E-08
9657	625948.35	4266110.62	1.48E-07	4.70E-08	1.95E-07	1.24E-07	3.52E-08	1.59E-07	2.93E-08	9.01E-09	3.83E-08	2.29E-08	4.34E-09	2.72E-08
9658	625948.52	4266100.68	1.47E-07	4.68E-08	1.94E-07	1.23E-07	3.50E-08	1.58E-07	2.91E-08	8.96E-09	3.81E-08	2.27E-08	4.32E-09	2.70E-08
9659	625948.68	4266090.75	1.46E-07	4.65E-08	1.93E-07	1.22E-07	3.48E-08	1.57E-07	2.90E-08	8.90E-09	3.79E-08	2.26E-08	4.29E-09	2.69E-08
9660	625948.84	4266080.82	1.45E-07	4.62E-08	1.92E-07	1.22E-07	3.46E-08	1.56E-07	2.88E-08	8.85E-09	3.76E-08	2.24E-08	4.26E-09	2.67E-08
9661	625949.01	4266070.88	1.44E-07	4.58E-08	1.90E-07	1.21E-07	3.43E-08	1.55E-07	2.86E-08	8.78E-09	3.74E-08	2.23E-08	4.23E-09	2.65E-08
9662	625949.17	4266060.95	1.43E-07	4.55E-08	1.89E-07	1.20E-07	3.41E-08	1.54E-07	2.84E-08	8.72E-09	3.71E-08	2.21E-08	4.20E-09	2.63E-08
9663	625949.33	4266051.02	1.42E-07	4.52E-08	1.87E-07	1.19E-07	3.38E-08	1.53E-07	2.82E-08	8.65E-09	3.68E-08	2.19E-08	4.17E-09	2.61E-08
9664	625949.5	4266041.08	1.41E-07	4.48E-08	1.86E-07	1.18E-07	3.36E-08	1.52E-07	2.79E-08	8.59E-09	3.65E-08	2.18E-08	4.14E-09	2.59E-08
9665	625949.66	4266031.15	1.40E-07	4.45E-08	1.85E-07	1.17E-07	3.33E-08	1.50E-07	2.77E-08	8.53E-09	3.63E-08	2.16E-08	4.11E-09	2.57E-08
9666	625949.82	4266021.22	1.39E-07	4.42E-08	1.83E-07	1.16E-07	3.31E-08	1.49E-07	2.75E-08	8.46E-09	3.60E-08	2.15E-08	4.08E-09	2.55E-08
9667	625949.99	4266011.28	1.38E-07	4.39E-08	1.82E-07	1.15E-07	3.28E-08	1.48E-07	2.73E-08	8.40E-09	3.57E-08	2.13E-08	4.05E-09	2.54E-08
9668	625950.15	4266001.35	1.37E-07	4.35E-08	1.81E-07	1.15E-07	3.26E-08	1.47E-07	2.71E-08	8.34E-09	3.55E-08	2.11E-08	4.02E-09	2.52E-08
9669	625950.31	4265991.42	1.36E-07	4.32E-08	1.79E-07	1.14E-07	3.24E-08	1.46E-07	2.69E-08	8.28E-09	3.52E-08	2.10E-08	3.99E-09	2.50E-08
9670	625950.48	4265981.48	1.35E-07	4.29E-08	1.78E-07	1.13E-07	3.21E-08	1.45E-07	2.68E-08	8.22E-09	3.50E-08	2.09E-08	3.96E-09	2.48E-08
9671	625950.64	4265971.55	1.34E-07	4.27E-08	1.77E-07	1.12E-07	3.20E-08	1.44E-07	2.66E-08	8.18E-09	3.48E-08	2.07E-08	3.94E-09	2.47E-08
9672	625950.81	4265961.62	1.34E-07	4.25E-08	1.76E-07	1.12E-07	3.18E-08	1.44E-07	2.65E-08	8.14E-09	3.46E-08	2.06E-08	3.92E-09	2.46E-08
9673	625950.97	4265951.68	1.33E-07	4.23E-08	1.75E-07	1.11E-07	3.17E-08	1.43E-07	2.64E-08	8.10E-09	3.45E-08	2.05E-08	3.90E-09	2.44E-08
9674	625951.13	4265941.75	1.33E-07	4.21E-08	1.75E-07	1.11E-07	3.15E-08	1.42E-07	2.62E-08	8.07E-09	3.43E-08	2.05E-08	3.89E-09	2.43E-08
9675	625951.3	4265931.82	1.32E-07	4.20E-08	1.74E-07	1.10E-07	3.14E-08	1.42E-07	2.61E-08	8.04E-09	3.42E-08	2.04E-08	3.87E-09	2.43E-08
9676	625951.46	4265921.88	1.32E-07	4.18E-08	1.74E-07	1.10E-07	3.13E-08	1.41E-07	2.61E-08	8.01E-09	3.41E-08	2.03E-08	3.86E-09	2.42E-08
9677	625951.62	4265911.95	1.31E-07	4.17E-08	1.73E-07	1.10E-07	3.12E-08	1.41E-07	2.60E-08	7.99E-09	3.40E-08	2.03E-08	3.85E-09	2.41E-08
9678	625951.79	4265902.02	1.31E-07	4.16E-08	1.73E-07	1.10E-07	3.12E-08	1.41E-07	2.60E-08	7.98E-09	3.39E-08	2.02E-08	3.84E-09	2.41E-08
9679	625951.95	4265892.08	1.31E-07	4.16E-08	1.73E-07	1.10E-07	3.12E-08	1.41E-07	2.59E-08	7.97E-09	3.39E-08	2.02E-08	3.84E-09	2.41E-08
9680	625952.11	4265882.15	1.31E-07	4.16E-08	1.73E-07	1.10E-07	3.12E-08	1.41E-07	2.59E-08	7.98E-09	3.39E-08	2.02E-08	3.84E-09	2.41E-08
9681	625952.28	4265872.22	1.31E-07	4.17E-08	1.73E-07	1.10E-07	3.12E-08	1.41E-07	2.60E-08	7.98E-09	3.40E-08	2.02E-08	3.85E-09	2.41E-08
9682	625952.44	4265862.28	1.31E-07	4.17E-08	1.73E-07	1.10E-07	3.13E-08	1.41E-07	2.60E-08	8.00E-09	3.40E-08	2.03E-08	3.85E-09	2.41E-08
9683	625952.6	4265852.35	1.32E-07	4.18E-08	1.73E-07	1.10E-07	3.13E-08	1.41E-07	2.61E-08	8.01E-09	3.41E-08	2.03E-08	3.86E-09	2.42E-08
9684	625952.77	4265842.42	1.32E-07	4.19E-08	1.74E-07	1.10E-07	3.14E-08	1.42E-07	2.61E-08	8.03E-09	3.42E-08	2.04E-08	3.87E-09	2.42E-08
9685	625952.93	4265832.48	1.32E-07	4.20E-08	1.74E-07	1.11E-07	3.15E-08	1.42E-07	2.62E-08	8.06E-09	3.43E-08	2.04E-08	3.88E-09	2.43E-08
9686	625953.09	4265822.55	1.33E-07	4.22E-08	1.75E-07	1.11E-07	3.16E-08	1.43E-07	2.63E-08	8.09E-09	3.44E-08	2.05E-08	3.89E-09	2.44E-08
9687	625953.26	4265812.62	1.33E-07	4.24E-08	1.76E-07	1.12E-07	3.17E-08	1.43E-07	2.64E-08	8.12E-09	3.45E-08	2.06E-08	3.91E-09	2.45E-08
9688	625953.42	4265802.68	1.34E-07	4.26E-08	1.77E-07	1.12E-07	3.19E-08	1.44E-07	2.65E-08	8.16E-09	3.47E-08	2.07E-08	3.93E-09	2.46E-08
9689	625953.59	4265792.75	1.35E-07	4.28E-08	1.78E-07	1.13E-07	3.21E-08	1.45E-07	2.67E-08	8.21E-09	3.49E-08	2.08E-08	3.95E-09	2.48E-08
9690	625953.75	4265782.82	1.36E-07	4.31E-08	1.79E-07	1.13E-07	3.23E-08	1.46E-07	2.69E-08	8.25E-09	3.51E-08	2.09E-08	3.98E-09	2.49E-08

9691	625953.91	4265772.88	1.36E-07	4.33E-08	1.80E-07	1.14E-07	3.25E-08	1.47E-07	2.70E-08	8.31E-09	3.53E-08	2.11E-08	4.00E-09	2.51E-08
9692	625954.08	4265762.95	1.37E-07	4.36E-08	1.81E-07	1.15E-07	3.27E-08	1.48E-07	2.72E-08	8.36E-09	3.56E-08	2.12E-08	4.03E-09	2.52E-08
9693	625954.24	4265753.02	1.38E-07	4.39E-08	1.82E-07	1.16E-07	3.29E-08	1.49E-07	2.74E-08	8.42E-09	3.58E-08	2.13E-08	4.05E-09	2.54E-08
9694	625954.4	4265743.08	1.39E-07	4.42E-08	1.84E-07	1.16E-07	3.31E-08	1.50E-07	2.76E-08	8.48E-09	3.60E-08	2.15E-08	4.08E-09	2.56E-08
9695	625954.57	4265733.15	1.40E-07	4.45E-08	1.85E-07	1.17E-07	3.33E-08	1.50E-07	2.77E-08	8.53E-09	3.63E-08	2.16E-08	4.11E-09	2.57E-08
9696	625954.73	4265723.22	1.41E-07	4.48E-08	1.86E-07	1.18E-07	3.35E-08	1.51E-07	2.79E-08	8.58E-09	3.65E-08	2.18E-08	4.13E-09	2.59E-08
9697	625954.89	4265713.28	1.42E-07	4.51E-08	1.87E-07	1.19E-07	3.38E-08	1.52E-07	2.81E-08	8.64E-09	3.67E-08	2.19E-08	4.16E-09	2.61E-08
9698	625955.06	4265703.35	1.43E-07	4.54E-08	1.88E-07	1.20E-07	3.40E-08	1.54E-07	2.83E-08	8.70E-09	3.70E-08	2.21E-08	4.19E-09	2.63E-08
9699	625955.22	4265693.42	1.44E-07	4.58E-08	1.90E-07	1.20E-07	3.43E-08	1.55E-07	2.85E-08	8.77E-09	3.73E-08	2.22E-08	4.22E-09	2.65E-08

			T2		T3		T4i		T4f	
			6.25E+05	4.27E+06						
			1.12E-02	3.84E-03	9.34E-03	2.88E-03	2.21E-03	7.36E-04	1.72E-03	3.55E-04
			Yr 1	Yr 2	Yr 1	Yr 2	Yr 1	Yr 2	Yr 1	Yr 2
1	624845.6	4265665.17	5.34E-03	1.84E-03	4.46E-03	1.37E-03	1.06E-03	3.52E-04	8.24E-04	1.69E-04
2	624835.69	4265665.04	5.82E-03	2.00E-03	4.86E-03	1.50E-03	1.15E-03	3.83E-04	8.98E-04	1.85E-04
3	624825.78	4265664.9	6.34E-03	2.18E-03	5.30E-03	1.63E-03	1.26E-03	4.18E-04	9.79E-04	2.01E-04
4	624815.87	4265664.76	6.84E-03	2.35E-03	5.72E-03	1.76E-03	1.35E-03	4.51E-04	1.06E-03	2.17E-04
5	624805.96	4265664.62	7.17E-03	2.46E-03	5.99E-03	1.85E-03	1.42E-03	4.72E-04	1.11E-03	2.27E-04
6	624796.06	4265664.49	7.12E-03	2.45E-03	5.96E-03	1.83E-03	1.41E-03	4.69E-04	1.10E-03	2.26E-04
7	624786.15	4265664.35	6.95E-03	2.39E-03	5.81E-03	1.79E-03	1.38E-03	4.58E-04	1.07E-03	2.21E-04
8	624776.24	4265664.21	7.01E-03	2.41E-03	5.86E-03	1.80E-03	1.39E-03	4.62E-04	1.08E-03	2.22E-04
9	624766.33	4265664.07	7.25E-03	2.49E-03	6.06E-03	1.87E-03	1.44E-03	4.78E-04	1.12E-03	2.30E-04
10	624756.42	4265663.94	7.57E-03	2.60E-03	6.33E-03	1.95E-03	1.50E-03	4.99E-04	1.17E-03	2.40E-04
11	624746.51	4265663.8	7.81E-03	2.68E-03	6.52E-03	2.01E-03	1.55E-03	5.14E-04	1.20E-03	2.48E-04
12	624736.6	4265663.66	7.73E-03	2.66E-03	6.46E-03	1.99E-03	1.53E-03	5.10E-04	1.19E-03	2.45E-04
13	624726.69	4265663.52	7.38E-03	2.54E-03	6.17E-03	1.90E-03	1.46E-03	4.86E-04	1.14E-03	2.34E-04
14	624716.79	4265663.39	7.20E-03	2.48E-03	6.02E-03	1.85E-03	1.43E-03	4.75E-04	1.11E-03	2.29E-04
15	624706.88	4265663.25	7.27E-03	2.50E-03	6.07E-03	1.87E-03	1.44E-03	4.79E-04	1.12E-03	2.31E-04
16	624696.97	4265663.11	7.47E-03	2.57E-03	6.24E-03	1.92E-03	1.48E-03	4.92E-04	1.15E-03	2.37E-04
17	624687.06	4265662.98	7.73E-03	2.66E-03	6.47E-03	1.99E-03	1.53E-03	5.10E-04	1.19E-03	2.45E-04
18	624677.15	4265662.84	7.97E-03	2.74E-03	6.66E-03	2.05E-03	1.58E-03	5.25E-04	1.23E-03	2.53E-04
19	624667.24	4265662.7	8.00E-03	2.75E-03	6.69E-03	2.06E-03	1.58E-03	5.27E-04	1.23E-03	2.54E-04
20	624657.33	4265662.56	7.78E-03	2.67E-03	6.50E-03	2.00E-03	1.54E-03	5.12E-04	1.20E-03	2.47E-04
21	624647.42	4265662.43	7.63E-03	2.62E-03	6.38E-03	1.96E-03	1.51E-03	5.03E-04	1.18E-03	2.42E-04
22	624637.52	4265662.29	7.72E-03	2.66E-03	6.46E-03	1.99E-03	1.53E-03	5.09E-04	1.19E-03	2.45E-04
23	624627.61	4265662.15	7.98E-03	2.74E-03	6.67E-03	2.05E-03	1.58E-03	5.26E-04	1.23E-03	2.53E-04
24	624617.7	4265662.01	8.31E-03	2.86E-03	6.94E-03	2.14E-03	1.64E-03	5.47E-04	1.28E-03	2.64E-04
25	624607.79	4265661.88	8.53E-03	2.93E-03	7.13E-03	2.20E-03	1.69E-03	5.62E-04	1.32E-03	2.71E-04
26	624597.88	4265661.74	8.35E-03	2.87E-03	6.98E-03	2.15E-03	1.65E-03	5.50E-04	1.29E-03	2.65E-04
27	624587.97	4265661.6	7.92E-03	2.72E-03	6.62E-03	2.04E-03	1.57E-03	5.22E-04	1.22E-03	2.51E-04
28	624578.06	4265661.46	7.78E-03	2.67E-03	6.50E-03	2.00E-03	1.54E-03	5.12E-04	1.20E-03	2.47E-04
29	624568.15	4265661.33	7.88E-03	2.71E-03	6.59E-03	2.03E-03	1.56E-03	5.19E-04	1.22E-03	2.50E-04
30	624558.24	4265661.19	8.10E-03	2.78E-03	6.77E-03	2.08E-03	1.60E-03	5.33E-04	1.25E-03	2.57E-04
31	624548.34	4265661.05	8.25E-03	2.84E-03	6.89E-03	2.12E-03	1.63E-03	5.43E-04	1.27E-03	2.62E-04
32	624538.43	4265660.91	8.04E-03	2.76E-03	6.72E-03	2.07E-03	1.59E-03	5.30E-04	1.24E-03	2.55E-04
33	624528.52	4265660.78	7.50E-03	2.58E-03	6.27E-03	1.93E-03	1.49E-03	4.94E-04	1.16E-03	2.38E-04
34	624518.61	4265660.64	7.21E-03	2.48E-03	6.03E-03	1.86E-03	1.43E-03	4.75E-04	1.11E-03	2.29E-04
35	624508.7	4265660.5	7.18E-03	2.47E-03	6.00E-03	1.85E-03	1.42E-03	4.73E-04	1.11E-03	2.28E-04
36	624498.79	4265660.36	7.24E-03	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03	2.30E-04
37	624488.88	4265660.23	7.25E-03	2.49E-03	6.06E-03	1.87E-03	1.44E-03	4.78E-04	1.12E-03	2.30E-04
38	624478.97	4265660.09	6.98E-03	2.40E-03	5.83E-03	1.80E-03	1.38E-03	4.60E-04	1.08E-03	2.22E-04
39	624469.07	4265659.95	6.44E-03	2.22E-03	5.38E-03	1.66E-03	1.28E-03	4.24E-04	9.94E-04	2.04E-04
40	624459.16	4265659.81	6.07E-03	2.09E-03	5.07E-03	1.56E-03	1.20E-03	4.00E-04	9.36E-04	1.92E-04
41	624449.25	4265659.68	5.93E-03	2.04E-03	4.96E-03	1.53E-03	1.17E-03	3.91E-04	9.15E-04	1.88E-04
42	624439.34	4265659.54	5.92E-03	2.04E-03	4.95E-03	1.52E-03	1.17E-03	3.90E-04	9.14E-04	1.88E-04
43	624429.43	4265659.4	5.92E-03	2.04E-03	4.95E-03	1.52E-03	1.17E-03	3.90E-04	9.14E-04	1.88E-04
44	624419.52	4265659.27	5.70E-03	1.96E-03	4.76E-03	1.47E-03	1.13E-03	3.75E-04	8.79E-04	1.81E-04
45	624409.61	4265659.13	5.01E-03	1.72E-03	4.19E-03	1.29E-03	9.92E-04	3.30E-04	7.74E-04	1.59E-04
46	624399.7	4265658.99	4.21E-03	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.49E-04	1.34E-04
47	624389.8	4265658.85	3.67E-03	1.26E-03	3.06E-03	9.44E-04	7.26E-04	2.42E-04	5.66E-04	1.16E-04
48	624379.89	4265658.72	3.28E-03	1.13E-03	2.74E-03	8.43E-04	6.48E-04	2.16E-04	5.05E-04	1.04E-04
49	624369.98	4265658.58	2.96E-03	1.02E-03	2.47E-03	7.62E-04	5.86E-04	1.95E-04	4.57E-04	9.40E-05

50	624360.07	4265658.44	2.70E-03	9.28E-04	2.26E-03	6.95E-04	5.34E-04	1.78E-04	4.17E-04	8.57E-05
51	624872.55	4265668.51	4.33E-03	1.49E-03	3.62E-03	1.11E-03	8.57E-04	2.85E-04	6.68E-04	1.37E-04
52	624845.74	4265655.17	5.06E-03	1.74E-03	4.23E-03	1.30E-03	1.00E-03	3.34E-04	7.81E-04	1.61E-04
53	624835.83	4265655.04	5.46E-03	1.88E-03	4.56E-03	1.41E-03	1.08E-03	3.60E-04	8.42E-04	1.73E-04
54	624825.92	4265654.9	5.85E-03	2.01E-03	4.89E-03	1.51E-03	1.16E-03	3.86E-04	9.03E-04	1.86E-04
55	624816.01	4265654.76	6.19E-03	2.13E-03	5.17E-03	1.59E-03	1.23E-03	4.08E-04	9.55E-04	1.96E-04
56	624806.1	4265654.62	6.37E-03	2.19E-03	5.32E-03	1.64E-03	1.26E-03	4.20E-04	9.83E-04	2.02E-04
57	624796.19	4265654.49	6.36E-03	2.19E-03	5.32E-03	1.64E-03	1.26E-03	4.19E-04	9.81E-04	2.02E-04
58	624786.29	4265654.35	6.33E-03	2.18E-03	5.29E-03	1.63E-03	1.25E-03	4.17E-04	9.76E-04	2.01E-04
59	624776.38	4265654.21	6.42E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.91E-04	2.04E-04
60	624766.47	4265654.08	6.62E-03	2.28E-03	5.53E-03	1.70E-03	1.31E-03	4.36E-04	1.02E-03	2.10E-04
61	624756.56	4265653.94	6.83E-03	2.35E-03	5.71E-03	1.76E-03	1.35E-03	4.50E-04	1.05E-03	2.17E-04
62	624746.65	4265653.8	6.94E-03	2.39E-03	5.80E-03	1.79E-03	1.37E-03	4.57E-04	1.07E-03	2.20E-04
63	624736.74	4265653.66	6.85E-03	2.36E-03	5.73E-03	1.76E-03	1.36E-03	4.51E-04	1.06E-03	2.17E-04
64	624726.83	4265653.53	6.67E-03	2.30E-03	5.58E-03	1.72E-03	1.32E-03	4.40E-04	1.03E-03	2.12E-04
65	624716.92	4265653.39	6.61E-03	2.27E-03	5.53E-03	1.70E-03	1.31E-03	4.36E-04	1.02E-03	2.10E-04
66	624707.02	4265653.25	6.69E-03	2.30E-03	5.59E-03	1.72E-03	1.32E-03	4.41E-04	1.03E-03	2.12E-04
67	624697.11	4265653.11	6.86E-03	2.36E-03	5.73E-03	1.77E-03	1.36E-03	4.52E-04	1.06E-03	2.18E-04
68	624687.2	4265652.98	7.04E-03	2.42E-03	5.88E-03	1.81E-03	1.39E-03	4.64E-04	1.09E-03	2.23E-04
69	624677.29	4265652.84	7.16E-03	2.46E-03	5.98E-03	1.84E-03	1.42E-03	4.72E-04	1.10E-03	2.27E-04
70	624667.38	4265652.7	7.14E-03	2.45E-03	5.97E-03	1.84E-03	1.41E-03	4.70E-04	1.10E-03	2.26E-04
71	624657.47	4265652.56	7.02E-03	2.42E-03	5.87E-03	1.81E-03	1.39E-03	4.63E-04	1.08E-03	2.23E-04
72	624647.56	4265652.43	6.98E-03	2.40E-03	5.84E-03	1.80E-03	1.38E-03	4.60E-04	1.08E-03	2.22E-04
73	624637.65	4265652.29	7.08E-03	2.44E-03	5.92E-03	1.82E-03	1.40E-03	4.67E-04	1.09E-03	2.25E-04
74	624627.74	4265652.15	7.27E-03	2.50E-03	6.08E-03	1.87E-03	1.44E-03	4.79E-04	1.12E-03	2.31E-04
75	624617.84	4265652.01	7.47E-03	2.57E-03	6.24E-03	1.92E-03	1.48E-03	4.92E-04	1.15E-03	2.37E-04
76	624607.93	4265651.88	7.53E-03	2.59E-03	6.29E-03	1.94E-03	1.49E-03	4.96E-04	1.16E-03	2.39E-04
77	624598.02	4265651.74	7.36E-03	2.53E-03	6.15E-03	1.89E-03	1.46E-03	4.85E-04	1.14E-03	2.33E-04
78	624588.11	4265651.6	7.13E-03	2.45E-03	5.96E-03	1.83E-03	1.41E-03	4.69E-04	1.10E-03	2.26E-04
79	624578.2	4265651.46	7.06E-03	2.43E-03	5.90E-03	1.82E-03	1.40E-03	4.65E-04	1.09E-03	2.24E-04
80	624568.29	4265651.33	7.13E-03	2.45E-03	5.96E-03	1.84E-03	1.41E-03	4.70E-04	1.10E-03	2.26E-04
81	624558.38	4265651.19	7.24E-03	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03	2.30E-04
82	624548.47	4265651.05	7.24E-03	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03	2.30E-04
83	624538.57	4265650.92	7.02E-03	2.41E-03	5.86E-03	1.81E-03	1.39E-03	4.62E-04	1.08E-03	2.23E-04
84	624528.66	4265650.78	6.68E-03	2.30E-03	5.59E-03	1.72E-03	1.32E-03	4.40E-04	1.03E-03	2.12E-04
85	624518.75	4265650.64	6.50E-03	2.23E-03	5.43E-03	1.67E-03	1.29E-03	4.28E-04	1.00E-03	2.06E-04
86	624508.84	4265650.5	6.45E-03	2.22E-03	5.39E-03	1.66E-03	1.28E-03	4.25E-04	9.95E-04	2.05E-04
87	624498.93	4265650.37	6.44E-03	2.21E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.94E-04	2.04E-04
88	624489.02	4265650.23	6.34E-03	2.18E-03	5.30E-03	1.63E-03	1.25E-03	4.18E-04	9.78E-04	2.01E-04
89	624479.11	4265650.09	6.06E-03	2.08E-03	5.07E-03	1.56E-03	1.20E-03	3.99E-04	9.35E-04	1.92E-04
90	624469.2	4265649.95	5.70E-03	1.96E-03	4.76E-03	1.47E-03	1.13E-03	3.75E-04	8.79E-04	1.81E-04
91	624459.3	4265649.82	5.44E-03	1.87E-03	4.55E-03	1.40E-03	1.08E-03	3.58E-04	8.39E-04	1.73E-04
92	624449.39	4265649.68	5.32E-03	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.20E-04	1.69E-04
93	624439.48	4265649.54	5.25E-03	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.10E-04	1.67E-04
94	624429.57	4265649.4	5.13E-03	1.76E-03	4.29E-03	1.32E-03	1.02E-03	3.38E-04	7.92E-04	1.63E-04
95	624419.66	4265649.27	4.82E-03	1.66E-03	4.02E-03	1.24E-03	9.53E-04	3.17E-04	7.43E-04	1.53E-04
96	624409.75	4265649.13	4.27E-03	1.47E-03	3.57E-03	1.10E-03	8.45E-04	2.81E-04	6.59E-04	1.35E-04
97	624399.84	4265648.99	3.71E-03	1.28E-03	3.10E-03	9.55E-04	7.35E-04	2.45E-04	5.73E-04	1.18E-04
98	624389.93	4265648.85	3.30E-03	1.13E-03	2.76E-03	8.49E-04	6.53E-04	2.17E-04	5.09E-04	1.05E-04
99	624380.02	4265648.72	2.99E-03	1.03E-03	2.50E-03	7.70E-04	5.92E-04	1.97E-04	4.61E-04	9.49E-05
100	624370.12	4265648.58	2.74E-03	9.42E-04	2.29E-03	7.05E-04	5.42E-04	1.80E-04	4.23E-04	8.69E-05
101	624360.21	4265648.44	2.52E-03	8.68E-04	2.11E-03	6.50E-04	5.00E-04	1.66E-04	3.90E-04	8.01E-05
102	624879.72	4265661.55	4.02E-03	1.38E-03	3.36E-03	1.03E-03	7.95E-04	2.65E-04	6.20E-04	1.28E-04

103	624845.88	4265645.18	4.80E-03	1.65E-03	4.01E-03	1.23E-03	9.49E-04	3.16E-04	7.40E-04	1.52E-04
104	624835.97	4265645.04	5.11E-03	1.76E-03	4.27E-03	1.32E-03	1.01E-03	3.37E-04	7.88E-04	1.62E-04
105	624826.06	4265644.9	5.40E-03	1.86E-03	4.51E-03	1.39E-03	1.07E-03	3.56E-04	8.33E-04	1.71E-04
106	624816.15	4265644.76	5.63E-03	1.93E-03	4.70E-03	1.45E-03	1.11E-03	3.71E-04	8.68E-04	1.79E-04
107	624806.24	4265644.63	5.74E-03	1.98E-03	4.80E-03	1.48E-03	1.14E-03	3.78E-04	8.86E-04	1.82E-04
108	624796.33	4265644.49	5.77E-03	1.99E-03	4.83E-03	1.49E-03	1.14E-03	3.80E-04	8.91E-04	1.83E-04
109	624786.42	4265644.35	5.81E-03	2.00E-03	4.85E-03	1.49E-03	1.15E-03	3.83E-04	8.96E-04	1.84E-04
110	624776.52	4265644.21	5.91E-03	2.03E-03	4.94E-03	1.52E-03	1.17E-03	3.89E-04	9.11E-04	1.87E-04
111	624766.61	4265644.08	6.06E-03	2.08E-03	5.06E-03	1.56E-03	1.20E-03	3.99E-04	9.35E-04	1.92E-04
112	624756.7	4265643.94	6.19E-03	2.13E-03	5.17E-03	1.59E-03	1.22E-03	4.08E-04	9.55E-04	1.96E-04
113	624746.79	4265643.8	6.23E-03	2.14E-03	5.21E-03	1.60E-03	1.23E-03	4.11E-04	9.62E-04	1.98E-04
114	624736.88	4265643.66	6.18E-03	2.12E-03	5.16E-03	1.59E-03	1.22E-03	4.07E-04	9.53E-04	1.96E-04
115	624726.97	4265643.53	6.10E-03	2.10E-03	5.10E-03	1.57E-03	1.21E-03	4.02E-04	9.42E-04	1.94E-04
116	624717.06	4265643.39	6.10E-03	2.10E-03	5.10E-03	1.57E-03	1.21E-03	4.02E-04	9.41E-04	1.94E-04
117	624707.15	4265643.25	6.18E-03	2.13E-03	5.17E-03	1.59E-03	1.22E-03	4.07E-04	9.54E-04	1.96E-04
118	624697.25	4265643.11	6.31E-03	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.15E-04	9.73E-04	2.00E-04
119	624687.34	4265642.98	6.42E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.91E-04	2.04E-04
120	624677.43	4265642.84	6.48E-03	2.23E-03	5.42E-03	1.67E-03	1.28E-03	4.27E-04	1.00E-03	2.06E-04
121	624667.52	4265642.7	6.46E-03	2.22E-03	5.40E-03	1.66E-03	1.28E-03	4.26E-04	9.97E-04	2.05E-04
122	624657.61	4265642.56	6.41E-03	2.21E-03	5.36E-03	1.65E-03	1.27E-03	4.23E-04	9.90E-04	2.04E-04
123	624647.7	4265642.43	6.42E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.91E-04	2.04E-04
124	624637.79	4265642.29	6.50E-03	2.24E-03	5.44E-03	1.67E-03	1.29E-03	4.29E-04	1.00E-03	2.06E-04
125	624627.88	4265642.15	6.63E-03	2.28E-03	5.54E-03	1.71E-03	1.31E-03	4.37E-04	1.02E-03	2.10E-04
126	624617.97	4265642.02	6.72E-03	2.31E-03	5.62E-03	1.73E-03	1.33E-03	4.43E-04	1.04E-03	2.13E-04
127	624608.07	4265641.88	6.71E-03	2.31E-03	5.61E-03	1.73E-03	1.33E-03	4.42E-04	1.04E-03	2.13E-04
128	624598.16	4265641.74	6.59E-03	2.27E-03	5.51E-03	1.70E-03	1.30E-03	4.34E-04	1.02E-03	2.09E-04
129	624588.25	4265641.6	6.46E-03	2.22E-03	5.40E-03	1.66E-03	1.28E-03	4.26E-04	9.97E-04	2.05E-04
130	624578.34	4265641.47	6.43E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.92E-04	2.04E-04
131	624568.43	4265641.33	6.46E-03	2.22E-03	5.40E-03	1.66E-03	1.28E-03	4.26E-04	9.97E-04	2.05E-04
132	624558.52	4265641.19	6.48E-03	2.23E-03	5.42E-03	1.67E-03	1.28E-03	4.27E-04	1.00E-03	2.06E-04
133	624548.61	4265641.05	6.41E-03	2.21E-03	5.36E-03	1.65E-03	1.27E-03	4.23E-04	9.90E-04	2.04E-04
134	624538.7	4265640.92	6.22E-03	2.14E-03	5.20E-03	1.60E-03	1.23E-03	4.10E-04	9.60E-04	1.98E-04
135	624528.8	4265640.78	6.01E-03	2.07E-03	5.02E-03	1.55E-03	1.19E-03	3.96E-04	9.27E-04	1.91E-04
136	624518.89	4265640.64	5.87E-03	2.02E-03	4.91E-03	1.51E-03	1.16E-03	3.87E-04	9.06E-04	1.86E-04
137	624508.98	4265640.5	5.81E-03	2.00E-03	4.85E-03	1.50E-03	1.15E-03	3.83E-04	8.96E-04	1.84E-04
138	624499.07	4265640.37	5.74E-03	1.97E-03	4.80E-03	1.48E-03	1.14E-03	3.78E-04	8.86E-04	1.82E-04
139	624489.16	4265640.23	5.60E-03	1.92E-03	4.68E-03	1.44E-03	1.11E-03	3.69E-04	8.63E-04	1.78E-04
140	624479.25	4265640.09	5.36E-03	1.84E-03	4.48E-03	1.38E-03	1.06E-03	3.53E-04	8.27E-04	1.70E-04
141	624469.34	4265639.95	5.10E-03	1.75E-03	4.26E-03	1.31E-03	1.01E-03	3.36E-04	7.86E-04	1.62E-04
142	624459.43	4265639.82	4.90E-03	1.68E-03	4.10E-03	1.26E-03	9.70E-04	3.23E-04	7.56E-04	1.55E-04
143	624449.53	4265639.68	4.77E-03	1.64E-03	3.99E-03	1.23E-03	9.45E-04	3.14E-04	7.36E-04	1.51E-04
144	624439.62	4265639.54	4.66E-03	1.60E-03	3.89E-03	1.20E-03	9.21E-04	3.07E-04	7.18E-04	1.48E-04
145	624429.71	4265639.4	4.47E-03	1.54E-03	3.74E-03	1.15E-03	8.85E-04	2.94E-04	6.90E-04	1.42E-04
146	624419.8	4265639.27	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.22E-04	2.73E-04	6.40E-04	1.32E-04
147	624409.89	4265639.13	3.73E-03	1.28E-03	3.12E-03	9.60E-04	7.38E-04	2.46E-04	5.75E-04	1.18E-04
148	624399.98	4265638.99	3.32E-03	1.14E-03	2.78E-03	8.55E-04	6.57E-04	2.19E-04	5.13E-04	1.05E-04
149	624390.07	4265638.86	3.00E-03	1.03E-03	2.51E-03	7.73E-04	5.94E-04	1.98E-04	4.63E-04	9.53E-05
150	624380.16	4265638.72	2.75E-03	9.47E-04	2.30E-03	7.09E-04	5.45E-04	1.81E-04	4.25E-04	8.74E-05
151	624370.25	4265638.58	2.55E-03	8.76E-04	2.13E-03	6.56E-04	5.04E-04	1.68E-04	3.93E-04	8.09E-05
152	624877.04	4265644.42	3.88E-03	1.33E-03	3.24E-03	9.99E-04	7.68E-04	2.56E-04	5.99E-04	1.23E-04
153	624886.9	4265654.59	3.75E-03	1.29E-03	3.13E-03	9.65E-04	7.42E-04	2.47E-04	5.78E-04	1.19E-04
154	624892.54	4265668.84	3.74E-03	1.28E-03	3.12E-03	9.62E-04	7.39E-04	2.46E-04	5.76E-04	1.19E-04
155	624846.02	4265635.18	4.54E-03	1.56E-03	3.79E-03	1.17E-03	8.98E-04	2.99E-04	7.00E-04	1.44E-04

156	624836.11	4265635.04	4.78E-03	1.64E-03	4.00E-03	1.23E-03	9.47E-04	3.15E-04	7.38E-04	1.52E-04
157	624826.2	4265634.9	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.90E-04	3.29E-04	7.71E-04	1.59E-04
158	624816.29	4265634.76	5.16E-03	1.77E-03	4.31E-03	1.33E-03	1.02E-03	3.40E-04	7.96E-04	1.64E-04
159	624806.38	4265634.63	5.25E-03	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.11E-04	1.67E-04
160	624796.47	4265634.49	5.30E-03	1.82E-03	4.43E-03	1.37E-03	1.05E-03	3.50E-04	8.19E-04	1.68E-04
161	624786.56	4265634.35	5.36E-03	1.84E-03	4.48E-03	1.38E-03	1.06E-03	3.53E-04	8.28E-04	1.70E-04
162	624776.65	4265634.21	5.46E-03	1.88E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.42E-04	1.73E-04
163	624766.75	4265634.08	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.67E-04	8.58E-04	1.77E-04
164	624756.84	4265633.94	5.65E-03	1.94E-03	4.72E-03	1.45E-03	1.12E-03	3.72E-04	8.71E-04	1.79E-04
165	624746.93	4265633.8	5.67E-03	1.95E-03	4.74E-03	1.46E-03	1.12E-03	3.74E-04	8.75E-04	1.80E-04
166	624737.02	4265633.67	5.65E-03	1.94E-03	4.72E-03	1.45E-03	1.12E-03	3.72E-04	8.72E-04	1.79E-04
167	624727.11	4265633.53	5.63E-03	1.94E-03	4.71E-03	1.45E-03	1.11E-03	3.71E-04	8.69E-04	1.79E-04
168	624717.2	4265633.39	5.65E-03	1.94E-03	4.73E-03	1.46E-03	1.12E-03	3.73E-04	8.72E-04	1.79E-04
169	624707.29	4265633.25	5.72E-03	1.97E-03	4.78E-03	1.47E-03	1.13E-03	3.77E-04	8.83E-04	1.82E-04
170	624697.38	4265633.12	5.82E-03	2.00E-03	4.86E-03	1.50E-03	1.15E-03	3.83E-04	8.97E-04	1.85E-04
171	624687.48	4265632.98	5.89E-03	2.03E-03	4.92E-03	1.52E-03	1.17E-03	3.88E-04	9.09E-04	1.87E-04
172	624677.57	4265632.84	5.92E-03	2.04E-03	4.95E-03	1.52E-03	1.17E-03	3.90E-04	9.14E-04	1.88E-04
173	624667.66	4265632.7	5.91E-03	2.03E-03	4.94E-03	1.52E-03	1.17E-03	3.90E-04	9.12E-04	1.88E-04
174	624657.75	4265632.57	5.90E-03	2.03E-03	4.93E-03	1.52E-03	1.17E-03	3.89E-04	9.11E-04	1.87E-04
175	624647.84	4265632.43	5.93E-03	2.04E-03	4.95E-03	1.53E-03	1.17E-03	3.90E-04	9.14E-04	1.88E-04
176	624637.93	4265632.29	5.99E-03	2.06E-03	5.00E-03	1.54E-03	1.18E-03	3.94E-04	9.24E-04	1.90E-04
177	624628.02	4265632.15	6.06E-03	2.08E-03	5.06E-03	1.56E-03	1.20E-03	3.99E-04	9.35E-04	1.92E-04
178	624618.11	4265632.02	6.09E-03	2.09E-03	5.09E-03	1.57E-03	1.21E-03	4.01E-04	9.40E-04	1.93E-04
179	624608.2	4265631.88	6.06E-03	2.08E-03	5.06E-03	1.56E-03	1.20E-03	3.99E-04	9.35E-04	1.92E-04
180	624598.3	4265631.74	5.97E-03	2.05E-03	4.99E-03	1.54E-03	1.18E-03	3.94E-04	9.22E-04	1.90E-04
181	624588.39	4265631.6	5.90E-03	2.03E-03	4.93E-03	1.52E-03	1.17E-03	3.89E-04	9.10E-04	1.87E-04
182	624578.48	4265631.47	5.87E-03	2.02E-03	4.91E-03	1.51E-03	1.16E-03	3.87E-04	9.06E-04	1.86E-04
183	624568.57	4265631.33	5.87E-03	2.02E-03	4.90E-03	1.51E-03	1.16E-03	3.87E-04	9.05E-04	1.86E-04
184	624558.66	4265631.19	5.84E-03	2.01E-03	4.88E-03	1.50E-03	1.16E-03	3.85E-04	9.01E-04	1.85E-04
185	624548.75	4265631.05	5.75E-03	1.98E-03	4.81E-03	1.48E-03	1.14E-03	3.79E-04	8.87E-04	1.82E-04
186	624538.84	4265630.92	5.60E-03	1.93E-03	4.68E-03	1.44E-03	1.11E-03	3.69E-04	8.64E-04	1.78E-04
187	624528.93	4265630.78	5.45E-03	1.87E-03	4.55E-03	1.40E-03	1.08E-03	3.59E-04	8.41E-04	1.73E-04
188	624519.03	4265630.64	5.34E-03	1.83E-03	4.46E-03	1.37E-03	1.06E-03	3.51E-04	8.23E-04	1.69E-04
189	624509.12	4265630.5	5.25E-03	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.10E-04	1.67E-04
190	624499.21	4265630.37	5.15E-03	1.77E-03	4.31E-03	1.33E-03	1.02E-03	3.39E-04	7.95E-04	1.63E-04
191	624489.3	4265630.23	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.90E-04	3.29E-04	7.72E-04	1.59E-04
192	624479.39	4265630.09	4.80E-03	1.65E-03	4.01E-03	1.24E-03	9.51E-04	3.16E-04	7.41E-04	1.52E-04
193	624469.48	4265629.96	4.60E-03	1.58E-03	3.85E-03	1.18E-03	9.11E-04	3.03E-04	7.10E-04	1.46E-04
194	624459.57	4265629.82	4.44E-03	1.53E-03	3.71E-03	1.14E-03	8.78E-04	2.92E-04	6.85E-04	1.41E-04
195	624449.66	4265629.68	4.30E-03	1.48E-03	3.59E-03	1.11E-03	8.51E-04	2.83E-04	6.63E-04	1.36E-04
196	624439.76	4265629.54	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.21E-04	2.73E-04	6.40E-04	1.32E-04
197	624429.85	4265629.41	3.94E-03	1.36E-03	3.29E-03	1.01E-03	7.80E-04	2.60E-04	6.08E-04	1.25E-04
198	624419.94	4265629.27	3.65E-03	1.26E-03	3.05E-03	9.41E-04	7.23E-04	2.41E-04	5.64E-04	1.16E-04
199	624410.03	4265629.13	3.32E-03	1.14E-03	2.78E-03	8.56E-04	6.58E-04	2.19E-04	5.13E-04	1.06E-04
200	624400.12	4265628.99	3.02E-03	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04	9.57E-05
201	624390.21	4265628.86	2.76E-03	9.50E-04	2.31E-03	7.11E-04	5.47E-04	1.82E-04	4.26E-04	8.76E-05
202	624873.66	4265632.9	3.81E-03	1.31E-03	3.18E-03	9.80E-04	7.53E-04	2.51E-04	5.87E-04	1.21E-04
203	624882.46	4265636.7	3.66E-03	1.26E-03	3.06E-03	9.41E-04	7.24E-04	2.41E-04	5.64E-04	1.16E-04
204	624894.78	4265649.4	3.51E-03	1.21E-03	2.93E-03	9.04E-04	6.95E-04	2.31E-04	5.42E-04	1.11E-04
205	624898.31	4265658.31	3.51E-03	1.21E-03	2.93E-03	9.03E-04	6.94E-04	2.31E-04	5.41E-04	1.11E-04
206	624901.84	4265667.22	3.49E-03	1.20E-03	2.92E-03	8.99E-04	6.91E-04	2.30E-04	5.39E-04	1.11E-04
207	624846.15	4265625.18	4.29E-03	1.47E-03	3.58E-03	1.10E-03	8.49E-04	2.83E-04	6.62E-04	1.36E-04
208	624836.25	4265625.04	4.48E-03	1.54E-03	3.75E-03	1.15E-03	8.88E-04	2.95E-04	6.92E-04	1.42E-04

209	624826.34	4265624.9	4.65E-03	1.60E-03	3.89E-03	1.20E-03	9.20E-04	3.06E-04	7.17E-04	1.48E-04
210	624816.43	4265624.77	4.77E-03	1.64E-03	3.99E-03	1.23E-03	9.45E-04	3.14E-04	7.36E-04	1.51E-04
211	624806.52	4265624.63	4.86E-03	1.67E-03	4.06E-03	1.25E-03	9.61E-04	3.20E-04	7.49E-04	1.54E-04
212	624796.61	4265624.49	4.92E-03	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.59E-04	1.56E-04
213	624786.7	4265624.35	4.98E-03	1.71E-03	4.17E-03	1.28E-03	9.86E-04	3.28E-04	7.69E-04	1.58E-04
214	624776.79	4265624.22	5.06E-03	1.74E-03	4.23E-03	1.30E-03	1.00E-03	3.33E-04	7.81E-04	1.61E-04
215	624766.88	4265624.08	5.14E-03	1.77E-03	4.29E-03	1.32E-03	1.02E-03	3.38E-04	7.93E-04	1.63E-04
216	624756.98	4265623.94	5.19E-03	1.79E-03	4.34E-03	1.34E-03	1.03E-03	3.42E-04	8.01E-04	1.65E-04
217	624747.07	4265623.8	5.22E-03	1.79E-03	4.36E-03	1.34E-03	1.03E-03	3.44E-04	8.05E-04	1.66E-04
218	624737.16	4265623.67	5.22E-03	1.79E-03	4.36E-03	1.34E-03	1.03E-03	3.44E-04	8.05E-04	1.66E-04
219	624727.25	4265623.53	5.23E-03	1.80E-03	4.37E-03	1.35E-03	1.03E-03	3.44E-04	8.07E-04	1.66E-04
220	624717.34	4265623.39	5.26E-03	1.81E-03	4.40E-03	1.35E-03	1.04E-03	3.47E-04	8.12E-04	1.67E-04
221	624707.43	4265623.25	5.32E-03	1.83E-03	4.45E-03	1.37E-03	1.05E-03	3.50E-04	8.21E-04	1.69E-04
222	624697.52	4265623.12	5.38E-03	1.85E-03	4.50E-03	1.39E-03	1.07E-03	3.55E-04	8.30E-04	1.71E-04
223	624687.61	4265622.98	5.43E-03	1.87E-03	4.54E-03	1.40E-03	1.07E-03	3.58E-04	8.38E-04	1.72E-04
224	624677.7	4265622.84	5.45E-03	1.88E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.41E-04	1.73E-04
225	624667.8	4265622.7	5.46E-03	1.88E-03	4.56E-03	1.41E-03	1.08E-03	3.60E-04	8.42E-04	1.73E-04
226	624657.89	4265622.57	5.46E-03	1.88E-03	4.57E-03	1.41E-03	1.08E-03	3.60E-04	8.43E-04	1.73E-04
227	624647.98	4265622.43	5.49E-03	1.89E-03	4.59E-03	1.41E-03	1.09E-03	3.62E-04	8.47E-04	1.74E-04
228	624638.07	4265622.29	5.53E-03	1.90E-03	4.62E-03	1.42E-03	1.09E-03	3.64E-04	8.53E-04	1.75E-04
229	624628.16	4265622.15	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04	1.76E-04
230	624618.25	4265622.02	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04	1.77E-04
231	624608.34	4265621.88	5.53E-03	1.90E-03	4.62E-03	1.42E-03	1.09E-03	3.64E-04	8.53E-04	1.75E-04
232	624598.43	4265621.74	5.47E-03	1.88E-03	4.57E-03	1.41E-03	1.08E-03	3.60E-04	8.44E-04	1.74E-04
233	624588.53	4265621.61	5.42E-03	1.86E-03	4.53E-03	1.39E-03	1.07E-03	3.57E-04	8.36E-04	1.72E-04
234	624578.62	4265621.47	5.38E-03	1.85E-03	4.50E-03	1.39E-03	1.07E-03	3.55E-04	8.31E-04	1.71E-04
235	624568.71	4265621.33	5.35E-03	1.84E-03	4.48E-03	1.38E-03	1.06E-03	3.53E-04	8.26E-04	1.70E-04
236	624558.8	4265621.19	5.30E-03	1.82E-03	4.43E-03	1.37E-03	1.05E-03	3.49E-04	8.18E-04	1.68E-04
237	624548.89	4265621.06	5.21E-03	1.79E-03	4.36E-03	1.34E-03	1.03E-03	3.43E-04	8.04E-04	1.65E-04
238	624538.98	4265620.92	5.09E-03	1.75E-03	4.26E-03	1.31E-03	1.01E-03	3.35E-04	7.86E-04	1.62E-04
239	624529.07	4265620.78	4.97E-03	1.71E-03	4.16E-03	1.28E-03	9.84E-04	3.28E-04	7.67E-04	1.58E-04
240	624519.16	4265620.64	4.87E-03	1.67E-03	4.07E-03	1.25E-03	9.64E-04	3.21E-04	7.51E-04	1.55E-04
241	624509.26	4265620.51	4.77E-03	1.64E-03	3.99E-03	1.23E-03	9.45E-04	3.14E-04	7.36E-04	1.51E-04
242	624499.35	4265620.37	4.66E-03	1.60E-03	3.89E-03	1.20E-03	9.22E-04	3.07E-04	7.19E-04	1.48E-04
243	624489.44	4265620.23	4.52E-03	1.55E-03	3.78E-03	1.16E-03	8.94E-04	2.98E-04	6.97E-04	1.43E-04
244	624479.53	4265620.09	4.35E-03	1.50E-03	3.64E-03	1.12E-03	8.61E-04	2.87E-04	6.71E-04	1.38E-04
245	624469.62	4265619.96	4.19E-03	1.44E-03	3.50E-03	1.08E-03	8.29E-04	2.76E-04	6.46E-04	1.33E-04
246	624459.71	4265619.82	4.04E-03	1.39E-03	3.37E-03	1.04E-03	7.99E-04	2.66E-04	6.23E-04	1.28E-04
247	624449.8	4265619.68	3.89E-03	1.34E-03	3.25E-03	1.00E-03	7.70E-04	2.56E-04	6.00E-04	1.23E-04
248	624439.89	4265619.54	3.73E-03	1.28E-03	3.11E-03	9.59E-04	7.38E-04	2.45E-04	5.75E-04	1.18E-04
249	624429.98	4265619.41	3.52E-03	1.21E-03	2.94E-03	9.07E-04	6.97E-04	2.32E-04	5.43E-04	1.12E-04
250	624420.08	4265619.27	3.28E-03	1.13E-03	2.74E-03	8.43E-04	6.48E-04	2.16E-04	5.05E-04	1.04E-04
251	624410.17	4265619.13	3.01E-03	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04	9.57E-05
252	624400.26	4265618.99	2.77E-03	9.53E-04	2.32E-03	7.13E-04	5.48E-04	1.83E-04	4.28E-04	8.79E-05
253	624390.35	4265618.86	2.56E-03	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.95E-04	8.13E-05
254	624873.1	4265622.6	3.67E-03	1.26E-03	3.07E-03	9.46E-04	7.27E-04	2.42E-04	5.67E-04	1.17E-04
255	624881.54	4265626.25	3.55E-03	1.22E-03	2.97E-03	9.14E-04	7.03E-04	2.34E-04	5.48E-04	1.13E-04
256	624889.99	4265629.89	3.42E-03	1.18E-03	2.86E-03	8.81E-04	6.77E-04	2.25E-04	5.28E-04	1.09E-04
257	624901.82	4265642.08	3.30E-03	1.13E-03	2.76E-03	8.50E-04	6.53E-04	2.17E-04	5.09E-04	1.05E-04
258	624905.21	4265650.64	3.30E-03	1.13E-03	2.76E-03	8.49E-04	6.53E-04	2.17E-04	5.09E-04	1.05E-04
259	624908.59	4265659.19	3.29E-03	1.13E-03	2.75E-03	8.46E-04	6.51E-04	2.17E-04	5.07E-04	1.04E-04
260	624911.98	4265667.74	3.27E-03	1.12E-03	2.73E-03	8.41E-04	6.47E-04	2.15E-04	5.04E-04	1.04E-04
261	624846.29	4265615.18	4.06E-03	1.40E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04	1.29E-04

262	624836.38	4265615.04	4.22E-03	1.45E-03	3.52E-03	1.09E-03	8.34E-04	2.78E-04	6.50E-04	1.34E-04
263	624826.48	4265614.9	4.35E-03	1.49E-03	3.63E-03	1.12E-03	8.60E-04	2.86E-04	6.71E-04	1.38E-04
264	624816.57	4265614.77	4.45E-03	1.53E-03	3.72E-03	1.14E-03	8.80E-04	2.93E-04	6.86E-04	1.41E-04
265	624806.66	4265614.63	4.52E-03	1.56E-03	3.78E-03	1.16E-03	8.95E-04	2.98E-04	6.98E-04	1.44E-04
266	624796.75	4265614.49	4.59E-03	1.58E-03	3.84E-03	1.18E-03	9.08E-04	3.02E-04	7.08E-04	1.46E-04
267	624786.84	4265614.35	4.65E-03	1.60E-03	3.89E-03	1.20E-03	9.21E-04	3.07E-04	7.18E-04	1.48E-04
268	624776.93	4265614.22	4.72E-03	1.62E-03	3.94E-03	1.21E-03	9.33E-04	3.11E-04	7.28E-04	1.50E-04
269	624767.02	4265614.08	4.77E-03	1.64E-03	3.99E-03	1.23E-03	9.44E-04	3.14E-04	7.36E-04	1.51E-04
270	624757.11	4265613.94	4.81E-03	1.65E-03	4.02E-03	1.24E-03	9.53E-04	3.17E-04	7.43E-04	1.53E-04
271	624747.21	4265613.8	4.84E-03	1.66E-03	4.04E-03	1.25E-03	9.57E-04	3.19E-04	7.46E-04	1.54E-04
272	624737.3	4265613.67	4.85E-03	1.67E-03	4.06E-03	1.25E-03	9.61E-04	3.20E-04	7.49E-04	1.54E-04
273	624727.39	4265613.53	4.88E-03	1.68E-03	4.08E-03	1.26E-03	9.66E-04	3.21E-04	7.53E-04	1.55E-04
274	624717.48	4265613.39	4.91E-03	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.58E-04	1.56E-04
275	624707.57	4265613.25	4.96E-03	1.70E-03	4.14E-03	1.28E-03	9.81E-04	3.27E-04	7.65E-04	1.57E-04
276	624697.66	4265613.12	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.90E-04	3.30E-04	7.72E-04	1.59E-04
277	624687.75	4265612.98	5.04E-03	1.73E-03	4.21E-03	1.30E-03	9.97E-04	3.32E-04	7.77E-04	1.60E-04
278	624677.84	4265612.84	5.06E-03	1.74E-03	4.23E-03	1.30E-03	1.00E-03	3.33E-04	7.80E-04	1.60E-04
279	624667.93	4265612.71	5.07E-03	1.74E-03	4.24E-03	1.30E-03	1.00E-03	3.34E-04	7.82E-04	1.61E-04
280	624658.03	4265612.57	5.08E-03	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.84E-04	1.61E-04
281	624648.12	4265612.43	5.10E-03	1.75E-03	4.26E-03	1.31E-03	1.01E-03	3.36E-04	7.87E-04	1.62E-04
282	624638.21	4265612.29	5.12E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.37E-04	7.90E-04	1.62E-04
283	624628.3	4265612.16	5.13E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.38E-04	7.91E-04	1.63E-04
284	624618.39	4265612.02	5.11E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.37E-04	7.89E-04	1.62E-04
285	624608.48	4265611.88	5.08E-03	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.84E-04	1.61E-04
286	624598.57	4265611.74	5.04E-03	1.73E-03	4.21E-03	1.30E-03	9.97E-04	3.32E-04	7.78E-04	1.60E-04
287	624588.66	4265611.61	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04	1.59E-04
288	624578.76	4265611.47	4.96E-03	1.70E-03	4.14E-03	1.28E-03	9.81E-04	3.27E-04	7.65E-04	1.57E-04
289	624568.85	4265611.33	4.91E-03	1.69E-03	4.11E-03	1.26E-03	9.72E-04	3.24E-04	7.58E-04	1.56E-04
290	624558.94	4265611.19	4.85E-03	1.67E-03	4.05E-03	1.25E-03	9.60E-04	3.19E-04	7.48E-04	1.54E-04
291	624549.03	4265611.06	4.76E-03	1.64E-03	3.98E-03	1.23E-03	9.43E-04	3.14E-04	7.35E-04	1.51E-04
292	624539.12	4265610.92	4.66E-03	1.60E-03	3.90E-03	1.20E-03	9.23E-04	3.07E-04	7.20E-04	1.48E-04
293	624529.21	4265610.78	4.56E-03	1.57E-03	3.81E-03	1.17E-03	9.03E-04	3.01E-04	7.04E-04	1.45E-04
294	624519.3	4265610.64	4.46E-03	1.53E-03	3.73E-03	1.15E-03	8.84E-04	2.94E-04	6.89E-04	1.42E-04
295	624509.39	4265610.51	4.36E-03	1.50E-03	3.65E-03	1.12E-03	8.63E-04	2.87E-04	6.73E-04	1.38E-04
296	624499.49	4265610.37	4.25E-03	1.46E-03	3.55E-03	1.09E-03	8.41E-04	2.80E-04	6.55E-04	1.35E-04
297	624489.58	4265610.23	4.12E-03	1.42E-03	3.44E-03	1.06E-03	8.15E-04	2.71E-04	6.35E-04	1.31E-04
298	624479.67	4265610.09	3.97E-03	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.13E-04	1.26E-04
299	624469.76	4265609.96	3.83E-03	1.32E-03	3.20E-03	9.86E-04	7.58E-04	2.52E-04	5.91E-04	1.22E-04
300	624459.85	4265609.82	3.69E-03	1.27E-03	3.08E-03	9.50E-04	7.30E-04	2.43E-04	5.69E-04	1.17E-04
301	624449.94	4265609.68	3.54E-03	1.22E-03	2.96E-03	9.12E-04	7.01E-04	2.33E-04	5.46E-04	1.12E-04
302	624440.03	4265609.54	3.38E-03	1.16E-03	2.82E-03	8.69E-04	6.68E-04	2.22E-04	5.21E-04	1.07E-04
303	624430.12	4265609.41	3.19E-03	1.10E-03	2.66E-03	8.21E-04	6.31E-04	2.10E-04	4.92E-04	1.01E-04
304	624420.21	4265609.27	2.98E-03	1.02E-03	2.49E-03	7.67E-04	5.89E-04	1.96E-04	4.59E-04	9.45E-05
305	624410.31	4265609.13	2.77E-03	9.51E-04	2.31E-03	7.12E-04	5.47E-04	1.82E-04	4.27E-04	8.78E-05
306	624400.4	4265609	2.57E-03	8.83E-04	2.15E-03	6.61E-04	5.08E-04	1.69E-04	3.96E-04	8.15E-05
307	624390.49	4265608.86	2.39E-03	8.24E-04	2.00E-03	6.17E-04	4.74E-04	1.58E-04	3.70E-04	7.60E-05
308	624880.98	4265615.94	3.44E-03	1.18E-03	2.87E-03	8.85E-04	6.80E-04	2.26E-04	5.30E-04	1.09E-04
309	624897.4	4265623.03	3.22E-03	1.11E-03	2.69E-03	8.29E-04	6.37E-04	2.12E-04	4.97E-04	1.02E-04
310	624908.9	4265634.88	3.11E-03	1.07E-03	2.60E-03	8.01E-04	6.16E-04	2.05E-04	4.80E-04	9.88E-05
311	624915.49	4265651.52	3.10E-03	1.07E-03	2.59E-03	7.99E-04	6.14E-04	2.04E-04	4.79E-04	9.84E-05
312	624918.78	4265659.83	3.09E-03	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.76E-04	9.80E-05
313	624846.43	4265605.18	3.85E-03	1.32E-03	3.22E-03	9.90E-04	7.61E-04	2.53E-04	5.94E-04	1.22E-04
314	624836.52	4265605.04	3.97E-03	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.13E-04	1.26E-04

315	624826.61	4265604.9	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.08E-04	2.69E-04	6.30E-04	1.30E-04
316	624816.71	4265604.77	4.17E-03	1.43E-03	3.48E-03	1.07E-03	8.25E-04	2.75E-04	6.43E-04	1.32E-04
317	624806.8	4265604.63	4.24E-03	1.46E-03	3.54E-03	1.09E-03	8.39E-04	2.79E-04	6.54E-04	1.35E-04
318	624796.89	4265604.49	4.30E-03	1.48E-03	3.60E-03	1.11E-03	8.51E-04	2.83E-04	6.64E-04	1.37E-04
319	624786.98	4265604.35	4.36E-03	1.50E-03	3.64E-03	1.12E-03	8.63E-04	2.87E-04	6.73E-04	1.38E-04
320	624777.07	4265604.22	4.41E-03	1.52E-03	3.69E-03	1.14E-03	8.73E-04	2.91E-04	6.81E-04	1.40E-04
321	624767.16	4265604.08	4.46E-03	1.53E-03	3.72E-03	1.15E-03	8.82E-04	2.94E-04	6.88E-04	1.41E-04
322	624757.25	4265603.94	4.49E-03	1.54E-03	3.75E-03	1.16E-03	8.89E-04	2.96E-04	6.93E-04	1.42E-04
323	624747.34	4265603.81	4.52E-03	1.55E-03	3.77E-03	1.16E-03	8.94E-04	2.98E-04	6.97E-04	1.43E-04
324	624737.43	4265603.67	4.54E-03	1.56E-03	3.80E-03	1.17E-03	8.99E-04	2.99E-04	7.01E-04	1.44E-04
325	624727.53	4265603.53	4.57E-03	1.57E-03	3.82E-03	1.18E-03	9.04E-04	3.01E-04	7.05E-04	1.45E-04
326	624717.62	4265603.39	4.60E-03	1.58E-03	3.85E-03	1.18E-03	9.11E-04	3.03E-04	7.10E-04	1.46E-04
327	624707.71	4265603.26	4.64E-03	1.59E-03	3.88E-03	1.19E-03	9.18E-04	3.05E-04	7.15E-04	1.47E-04
328	624697.8	4265603.12	4.67E-03	1.61E-03	3.90E-03	1.20E-03	9.24E-04	3.08E-04	7.20E-04	1.48E-04
329	624687.89	4265602.98	4.69E-03	1.61E-03	3.92E-03	1.21E-03	9.29E-04	3.09E-04	7.24E-04	1.49E-04
330	624677.98	4265602.84	4.71E-03	1.62E-03	3.94E-03	1.21E-03	9.32E-04	3.10E-04	7.27E-04	1.49E-04
331	624668.07	4265602.71	4.72E-03	1.62E-03	3.95E-03	1.22E-03	9.35E-04	3.11E-04	7.29E-04	1.50E-04
332	624658.16	4265602.57	4.74E-03	1.63E-03	3.96E-03	1.22E-03	9.38E-04	3.12E-04	7.31E-04	1.50E-04
333	624648.26	4265602.43	4.75E-03	1.63E-03	3.97E-03	1.22E-03	9.40E-04	3.13E-04	7.33E-04	1.51E-04
334	624638.35	4265602.29	4.76E-03	1.64E-03	3.97E-03	1.22E-03	9.41E-04	3.13E-04	7.34E-04	1.51E-04
335	624628.44	4265602.16	4.75E-03	1.63E-03	3.97E-03	1.22E-03	9.40E-04	3.13E-04	7.33E-04	1.51E-04
336	624618.53	4265602.02	4.73E-03	1.63E-03	3.95E-03	1.22E-03	9.37E-04	3.12E-04	7.30E-04	1.50E-04
337	624608.62	4265601.88	4.70E-03	1.62E-03	3.93E-03	1.21E-03	9.31E-04	3.10E-04	7.25E-04	1.49E-04
338	624598.71	4265601.74	4.67E-03	1.60E-03	3.90E-03	1.20E-03	9.23E-04	3.07E-04	7.20E-04	1.48E-04
339	624588.8	4265601.61	4.63E-03	1.59E-03	3.87E-03	1.19E-03	9.16E-04	3.05E-04	7.14E-04	1.47E-04
340	624578.89	4265601.47	4.58E-03	1.58E-03	3.83E-03	1.18E-03	9.07E-04	3.02E-04	7.07E-04	1.45E-04
341	624568.99	4265601.33	4.53E-03	1.56E-03	3.79E-03	1.17E-03	8.96E-04	2.98E-04	6.99E-04	1.44E-04
342	624559.08	4265601.19	4.46E-03	1.53E-03	3.73E-03	1.15E-03	8.83E-04	2.94E-04	6.89E-04	1.42E-04
343	624549.17	4265601.06	4.38E-03	1.51E-03	3.66E-03	1.13E-03	8.68E-04	2.89E-04	6.76E-04	1.39E-04
344	624539.26	4265600.92	4.30E-03	1.48E-03	3.59E-03	1.11E-03	8.50E-04	2.83E-04	6.63E-04	1.36E-04
345	624529.35	4265600.78	4.21E-03	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.49E-04	1.33E-04
346	624519.44	4265600.65	4.11E-03	1.41E-03	3.44E-03	1.06E-03	8.14E-04	2.71E-04	6.34E-04	1.30E-04
347	624509.53	4265600.51	4.01E-03	1.38E-03	3.35E-03	1.03E-03	7.94E-04	2.64E-04	6.19E-04	1.27E-04
348	624499.62	4265600.37	3.90E-03	1.34E-03	3.26E-03	1.00E-03	7.71E-04	2.57E-04	6.01E-04	1.24E-04
349	624489.71	4265600.23	3.78E-03	1.30E-03	3.16E-03	9.72E-04	7.48E-04	2.49E-04	5.83E-04	1.20E-04
350	624479.81	4265600.1	3.65E-03	1.26E-03	3.05E-03	9.40E-04	7.23E-04	2.41E-04	5.63E-04	1.16E-04
351	624469.9	4265599.96	3.52E-03	1.21E-03	2.94E-03	9.07E-04	6.97E-04	2.32E-04	5.43E-04	1.12E-04
352	624459.99	4265599.82	3.39E-03	1.17E-03	2.83E-03	8.72E-04	6.71E-04	2.23E-04	5.23E-04	1.08E-04
353	624450.08	4265599.68	3.24E-03	1.12E-03	2.71E-03	8.35E-04	6.42E-04	2.14E-04	5.01E-04	1.03E-04
354	624440.17	4265599.55	3.09E-03	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.76E-04	9.79E-05
355	624430.26	4265599.41	2.91E-03	1.00E-03	2.44E-03	7.50E-04	5.77E-04	1.92E-04	4.50E-04	9.25E-05
356	624420.35	4265599.27	2.74E-03	9.41E-04	2.29E-03	7.05E-04	5.42E-04	1.80E-04	4.22E-04	8.68E-05
357	624410.44	4265599.13	2.56E-03	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.95E-04	8.13E-05
358	624400.54	4265599	2.40E-03	8.25E-04	2.00E-03	6.18E-04	4.75E-04	1.58E-04	3.70E-04	7.61E-05
359	624390.63	4265598.86	2.25E-03	7.74E-04	1.88E-03	5.80E-04	4.46E-04	1.48E-04	3.47E-04	7.14E-05
360	624880.61	4265605.73	3.32E-03	1.14E-03	2.78E-03	8.55E-04	6.57E-04	2.19E-04	5.13E-04	1.05E-04
361	624896.7	4265612.67	3.13E-03	1.08E-03	2.62E-03	8.07E-04	6.20E-04	2.07E-04	4.84E-04	9.95E-05
362	624916.01	4265627.75	2.94E-03	1.01E-03	2.46E-03	7.58E-04	5.82E-04	1.94E-04	4.54E-04	9.34E-05
363	624922.46	4265644.04	2.93E-03	1.01E-03	2.45E-03	7.56E-04	5.81E-04	1.93E-04	4.53E-04	9.31E-05
364	624928.91	4265660.34	2.91E-03	9.99E-04	2.43E-03	7.48E-04	5.75E-04	1.91E-04	4.48E-04	9.22E-05
365	624846.57	4265595.18	3.65E-03	1.26E-03	3.05E-03	9.40E-04	7.23E-04	2.41E-04	5.63E-04	1.16E-04
366	624836.66	4265595.04	3.76E-03	1.29E-03	3.14E-03	9.68E-04	7.44E-04	2.48E-04	5.80E-04	1.19E-04
367	624826.75	4265594.91	3.85E-03	1.32E-03	3.22E-03	9.91E-04	7.62E-04	2.54E-04	5.94E-04	1.22E-04

368	624816.84	4265594.77	3.92E-03	1.35E-03	3.28E-03	1.01E-03	7.77E-04	2.59E-04	6.06E-04	1.25E-04
369	624806.94	4265594.63	3.99E-03	1.37E-03	3.34E-03	1.03E-03	7.90E-04	2.63E-04	6.16E-04	1.27E-04
370	624797.03	4265594.49	4.05E-03	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.25E-04	1.28E-04
371	624787.12	4265594.36	4.10E-03	1.41E-03	3.43E-03	1.06E-03	8.12E-04	2.70E-04	6.33E-04	1.30E-04
372	624777.21	4265594.22	4.14E-03	1.43E-03	3.46E-03	1.07E-03	8.20E-04	2.73E-04	6.40E-04	1.32E-04
373	624767.3	4265594.08	4.18E-03	1.44E-03	3.49E-03	1.08E-03	8.27E-04	2.75E-04	6.45E-04	1.33E-04
374	624757.39	4265593.94	4.21E-03	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.50E-04	1.34E-04
375	624747.48	4265593.81	4.24E-03	1.46E-03	3.54E-03	1.09E-03	8.38E-04	2.79E-04	6.54E-04	1.34E-04
376	624737.57	4265593.67	4.26E-03	1.47E-03	3.56E-03	1.10E-03	8.44E-04	2.81E-04	6.58E-04	1.35E-04
377	624727.66	4265593.53	4.29E-03	1.48E-03	3.59E-03	1.11E-03	8.50E-04	2.83E-04	6.62E-04	1.36E-04
378	624717.76	4265593.39	4.32E-03	1.49E-03	3.61E-03	1.11E-03	8.56E-04	2.85E-04	6.67E-04	1.37E-04
379	624707.85	4265593.26	4.35E-03	1.50E-03	3.64E-03	1.12E-03	8.61E-04	2.87E-04	6.71E-04	1.38E-04
380	624697.94	4265593.12	4.37E-03	1.50E-03	3.65E-03	1.13E-03	8.65E-04	2.88E-04	6.75E-04	1.39E-04
381	624688.03	4265592.98	4.39E-03	1.51E-03	3.67E-03	1.13E-03	8.69E-04	2.89E-04	6.78E-04	1.39E-04
382	624678.12	4265592.84	4.41E-03	1.52E-03	3.68E-03	1.13E-03	8.72E-04	2.90E-04	6.80E-04	1.40E-04
383	624668.21	4265592.71	4.42E-03	1.52E-03	3.70E-03	1.14E-03	8.75E-04	2.91E-04	6.82E-04	1.40E-04
384	624658.3	4265592.57	4.43E-03	1.52E-03	3.70E-03	1.14E-03	8.77E-04	2.92E-04	6.84E-04	1.41E-04
385	624648.39	4265592.43	4.44E-03	1.53E-03	3.71E-03	1.14E-03	8.78E-04	2.92E-04	6.85E-04	1.41E-04
386	624638.49	4265592.29	4.43E-03	1.52E-03	3.71E-03	1.14E-03	8.78E-04	2.92E-04	6.84E-04	1.41E-04
387	624628.58	4265592.16	4.42E-03	1.52E-03	3.70E-03	1.14E-03	8.75E-04	2.91E-04	6.82E-04	1.40E-04
388	624618.67	4265592.02	4.40E-03	1.51E-03	3.68E-03	1.13E-03	8.71E-04	2.90E-04	6.79E-04	1.40E-04
389	624608.76	4265591.88	4.37E-03	1.50E-03	3.65E-03	1.13E-03	8.65E-04	2.88E-04	6.74E-04	1.39E-04
390	624598.85	4265591.75	4.34E-03	1.49E-03	3.63E-03	1.12E-03	8.59E-04	2.86E-04	6.69E-04	1.38E-04
391	624588.94	4265591.61	4.30E-03	1.48E-03	3.59E-03	1.11E-03	8.51E-04	2.83E-04	6.63E-04	1.36E-04
392	624579.03	4265591.47	4.25E-03	1.46E-03	3.55E-03	1.09E-03	8.42E-04	2.80E-04	6.56E-04	1.35E-04
393	624569.12	4265591.33	4.20E-03	1.44E-03	3.51E-03	1.08E-03	8.30E-04	2.76E-04	6.47E-04	1.33E-04
394	624559.22	4265591.2	4.13E-03	1.42E-03	3.45E-03	1.06E-03	8.17E-04	2.72E-04	6.37E-04	1.31E-04
395	624549.31	4265591.06	4.06E-03	1.39E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04	1.29E-04
396	624539.4	4265590.92	3.98E-03	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.14E-04	1.26E-04
397	624529.49	4265590.78	3.89E-03	1.34E-03	3.25E-03	1.00E-03	7.71E-04	2.56E-04	6.01E-04	1.24E-04
398	624519.58	4265590.65	3.80E-03	1.31E-03	3.18E-03	9.79E-04	7.53E-04	2.51E-04	5.87E-04	1.21E-04
399	624509.67	4265590.51	3.70E-03	1.27E-03	3.10E-03	9.53E-04	7.33E-04	2.44E-04	5.71E-04	1.18E-04
400	624499.76	4265590.37	3.60E-03	1.24E-03	3.01E-03	9.26E-04	7.12E-04	2.37E-04	5.55E-04	1.14E-04
401	624489.85	4265590.23	3.49E-03	1.20E-03	2.91E-03	8.97E-04	6.90E-04	2.30E-04	5.38E-04	1.11E-04
402	624479.94	4265590.1	3.37E-03	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04	1.07E-04
403	624470.04	4265589.96	3.25E-03	1.12E-03	2.72E-03	8.37E-04	6.44E-04	2.14E-04	5.02E-04	1.03E-04
404	624460.13	4265589.82	3.13E-03	1.07E-03	2.61E-03	8.05E-04	6.19E-04	2.06E-04	4.82E-04	9.92E-05
405	624450.22	4265589.68	2.99E-03	1.03E-03	2.50E-03	7.70E-04	5.92E-04	1.97E-04	4.61E-04	9.49E-05
406	624440.31	4265589.55	2.84E-03	9.77E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04	9.02E-05
407	624430.4	4265589.41	2.69E-03	9.25E-04	2.25E-03	6.93E-04	5.32E-04	1.77E-04	4.15E-04	8.54E-05
408	624420.49	4265589.27	2.54E-03	8.72E-04	2.12E-03	6.53E-04	5.02E-04	1.67E-04	3.91E-04	8.05E-05
409	624410.58	4265589.13	2.39E-03	8.22E-04	2.00E-03	6.15E-04	4.73E-04	1.57E-04	3.69E-04	7.58E-05
410	624400.67	4265589	2.25E-03	7.74E-04	1.88E-03	5.80E-04	4.46E-04	1.48E-04	3.47E-04	7.15E-05
411	624390.77	4265588.86	2.13E-03	7.31E-04	1.78E-03	5.47E-04	4.21E-04	1.40E-04	3.28E-04	6.75E-05
412	624874.72	4265593.13	3.25E-03	1.12E-03	2.72E-03	8.38E-04	6.44E-04	2.14E-04	5.02E-04	1.03E-04
413	624883.77	4265597.03	3.17E-03	1.09E-03	2.65E-03	8.17E-04	6.28E-04	2.09E-04	4.90E-04	1.01E-04
414	624892.82	4265600.93	3.08E-03	1.06E-03	2.58E-03	7.94E-04	6.10E-04	2.03E-04	4.76E-04	9.78E-05
415	624901.87	4265604.84	2.99E-03	1.03E-03	2.50E-03	7.69E-04	5.91E-04	1.97E-04	4.61E-04	9.48E-05
416	624910.92	4265608.74	2.89E-03	9.92E-04	2.41E-03	7.43E-04	5.71E-04	1.90E-04	4.45E-04	9.16E-05
417	624923.59	4265621.81	2.79E-03	9.59E-04	2.33E-03	7.18E-04	5.52E-04	1.84E-04	4.30E-04	8.85E-05
418	624927.22	4265630.97	2.79E-03	9.59E-04	2.33E-03	7.18E-04	5.52E-04	1.84E-04	4.30E-04	8.85E-05
419	624930.85	4265640.14	2.78E-03	9.56E-04	2.32E-03	7.16E-04	5.50E-04	1.83E-04	4.29E-04	8.82E-05
420	624934.48	4265649.3	2.77E-03	9.51E-04	2.31E-03	7.12E-04	5.47E-04	1.82E-04	4.27E-04	8.78E-05

421	624938.1	4265658.46	2.75E-03	9.44E-04	2.29E-03	7.07E-04	5.43E-04	1.81E-04	4.24E-04	8.71E-05
422	624941.73	4265667.63	2.72E-03	9.36E-04	2.27E-03	7.00E-04	5.39E-04	1.79E-04	4.20E-04	8.63E-05
423	624846.71	4265585.18	3.47E-03	1.19E-03	2.90E-03	8.94E-04	6.88E-04	2.29E-04	5.36E-04	1.10E-04
424	624836.8	4265585.04	3.56E-03	1.23E-03	2.98E-03	9.18E-04	7.05E-04	2.35E-04	5.50E-04	1.13E-04
425	624826.89	4265584.91	3.64E-03	1.25E-03	3.04E-03	9.38E-04	7.21E-04	2.40E-04	5.62E-04	1.16E-04
426	624816.98	4265584.77	3.71E-03	1.28E-03	3.10E-03	9.55E-04	7.34E-04	2.44E-04	5.72E-04	1.18E-04
427	624807.07	4265584.63	3.77E-03	1.30E-03	3.15E-03	9.71E-04	7.46E-04	2.48E-04	5.82E-04	1.20E-04
428	624797.17	4265584.49	3.82E-03	1.31E-03	3.20E-03	9.84E-04	7.57E-04	2.52E-04	5.90E-04	1.21E-04
429	624787.26	4265584.36	3.87E-03	1.33E-03	3.23E-03	9.96E-04	7.66E-04	2.55E-04	5.97E-04	1.23E-04
430	624777.35	4265584.22	3.91E-03	1.34E-03	3.27E-03	1.01E-03	7.73E-04	2.57E-04	6.03E-04	1.24E-04
431	624767.44	4265584.08	3.94E-03	1.35E-03	3.29E-03	1.01E-03	7.79E-04	2.59E-04	6.08E-04	1.25E-04
432	624757.53	4265583.94	3.96E-03	1.36E-03	3.31E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04	1.26E-04
433	624747.62	4265583.81	3.99E-03	1.37E-03	3.33E-03	1.03E-03	7.90E-04	2.63E-04	6.16E-04	1.27E-04
434	624737.71	4265583.67	4.02E-03	1.38E-03	3.36E-03	1.03E-03	7.95E-04	2.65E-04	6.20E-04	1.27E-04
435	624727.8	4265583.53	4.05E-03	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.24E-04	1.28E-04
436	624717.89	4265583.4	4.07E-03	1.40E-03	3.40E-03	1.05E-03	8.06E-04	2.68E-04	6.28E-04	1.29E-04
437	624707.99	4265583.26	4.09E-03	1.41E-03	3.42E-03	1.05E-03	8.10E-04	2.70E-04	6.31E-04	1.30E-04
438	624698.08	4265583.12	4.11E-03	1.41E-03	3.43E-03	1.06E-03	8.13E-04	2.71E-04	6.34E-04	1.30E-04
439	624688.17	4265582.98	4.12E-03	1.42E-03	3.45E-03	1.06E-03	8.16E-04	2.72E-04	6.36E-04	1.31E-04
440	624678.26	4265582.85	4.14E-03	1.42E-03	3.46E-03	1.07E-03	8.19E-04	2.73E-04	6.38E-04	1.31E-04
441	624668.35	4265582.71	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.21E-04	2.73E-04	6.40E-04	1.32E-04
442	624658.44	4265582.57	4.16E-03	1.43E-03	3.47E-03	1.07E-03	8.23E-04	2.74E-04	6.41E-04	1.32E-04
443	624648.53	4265582.43	4.16E-03	1.43E-03	3.47E-03	1.07E-03	8.23E-04	2.74E-04	6.41E-04	1.32E-04
444	624638.62	4265582.3	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.21E-04	2.73E-04	6.40E-04	1.32E-04
445	624628.72	4265582.16	4.13E-03	1.42E-03	3.45E-03	1.06E-03	8.18E-04	2.72E-04	6.37E-04	1.31E-04
446	624618.81	4265582.02	4.11E-03	1.41E-03	3.43E-03	1.06E-03	8.13E-04	2.71E-04	6.34E-04	1.30E-04
447	624608.9	4265581.88	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04	1.29E-04
448	624598.99	4265581.75	4.05E-03	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.24E-04	1.28E-04
449	624589.08	4265581.61	4.01E-03	1.38E-03	3.35E-03	1.03E-03	7.93E-04	2.64E-04	6.18E-04	1.27E-04
450	624579.17	4265581.47	3.96E-03	1.36E-03	3.31E-03	1.02E-03	7.84E-04	2.61E-04	6.11E-04	1.26E-04
451	624569.26	4265581.33	3.90E-03	1.34E-03	3.26E-03	1.00E-03	7.72E-04	2.57E-04	6.02E-04	1.24E-04
452	624559.35	4265581.2	3.84E-03	1.32E-03	3.21E-03	9.88E-04	7.60E-04	2.53E-04	5.92E-04	1.22E-04
453	624549.45	4265581.06	3.77E-03	1.30E-03	3.15E-03	9.70E-04	7.46E-04	2.48E-04	5.82E-04	1.20E-04
454	624539.54	4265580.92	3.70E-03	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.70E-04	1.17E-04
455	624529.63	4265580.78	3.62E-03	1.24E-03	3.02E-03	9.31E-04	7.16E-04	2.38E-04	5.58E-04	1.15E-04
456	624519.72	4265580.65	3.53E-03	1.21E-03	2.95E-03	9.09E-04	6.99E-04	2.33E-04	5.45E-04	1.12E-04
457	624509.81	4265580.51	3.44E-03	1.18E-03	2.87E-03	8.85E-04	6.80E-04	2.26E-04	5.30E-04	1.09E-04
458	624499.9	4265580.37	3.34E-03	1.15E-03	2.79E-03	8.59E-04	6.60E-04	2.20E-04	5.15E-04	1.06E-04
459	624489.99	4265580.23	3.23E-03	1.11E-03	2.70E-03	8.32E-04	6.40E-04	2.13E-04	4.99E-04	1.03E-04
460	624480.08	4265580.1	3.13E-03	1.08E-03	2.61E-03	8.05E-04	6.19E-04	2.06E-04	4.82E-04	9.92E-05
461	624470.17	4265579.96	3.02E-03	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04	9.57E-05
462	624460.27	4265579.82	2.90E-03	9.96E-04	2.42E-03	7.46E-04	5.73E-04	1.91E-04	4.47E-04	9.19E-05
463	624450.36	4265579.69	2.77E-03	9.52E-04	2.32E-03	7.13E-04	5.48E-04	1.82E-04	4.27E-04	8.79E-05
464	624440.45	4265579.55	2.64E-03	9.06E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.37E-05
465	624430.54	4265579.41	2.50E-03	8.60E-04	2.09E-03	6.44E-04	4.95E-04	1.65E-04	3.86E-04	7.94E-05
466	624420.63	4265579.27	2.37E-03	8.14E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.65E-04	7.52E-05
467	624410.72	4265579.14	2.24E-03	7.71E-04	1.87E-03	5.77E-04	4.44E-04	1.48E-04	3.46E-04	7.12E-05
468	624400.81	4265579	2.12E-03	7.30E-04	1.78E-03	5.47E-04	4.20E-04	1.40E-04	3.28E-04	6.74E-05
469	624390.9	4265578.86	2.01E-03	6.93E-04	1.68E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04	6.39E-05
470	624381	4265578.72	1.91E-03	6.58E-04	1.60E-03	4.93E-04	3.79E-04	1.26E-04	2.95E-04	6.07E-05
471	624371.09	4265578.59	1.82E-03	6.27E-04	1.52E-03	4.70E-04	3.61E-04	1.20E-04	2.81E-04	5.79E-05
472	624361.18	4265578.45	1.74E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.53E-05
473	624874.35	4265582.91	3.13E-03	1.08E-03	2.62E-03	8.07E-04	6.20E-04	2.06E-04	4.83E-04	9.94E-05

474	624883.15	4265586.7	3.07E-03	1.06E-03	2.57E-03	7.90E-04	6.07E-04	2.02E-04	4.74E-04	9.74E-05
475	624891.95	4265590.5	2.99E-03	1.03E-03	2.50E-03	7.71E-04	5.93E-04	1.97E-04	4.62E-04	9.50E-05
476	624900.75	4265594.29	2.91E-03	1.00E-03	2.43E-03	7.50E-04	5.76E-04	1.92E-04	4.49E-04	9.24E-05
477	624909.55	4265598.09	2.82E-03	9.71E-04	2.36E-03	7.27E-04	5.59E-04	1.86E-04	4.36E-04	8.96E-05
478	624918.35	4265601.88	2.74E-03	9.41E-04	2.29E-03	7.04E-04	5.41E-04	1.80E-04	4.22E-04	8.68E-05
479	624930.67	4265614.59	2.65E-03	9.11E-04	2.21E-03	6.82E-04	5.24E-04	1.75E-04	4.09E-04	8.41E-05
480	624934.2	4265623.5	2.65E-03	9.11E-04	2.21E-03	6.82E-04	5.24E-04	1.74E-04	4.09E-04	8.40E-05
481	624937.72	4265632.41	2.64E-03	9.08E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.08E-04	8.38E-05
482	624941.25	4265641.32	2.63E-03	9.04E-04	2.20E-03	6.77E-04	5.21E-04	1.73E-04	4.06E-04	8.35E-05
483	624944.78	4265650.23	2.61E-03	8.99E-04	2.18E-03	6.73E-04	5.17E-04	1.72E-04	4.03E-04	8.30E-05
484	624948.3	4265659.14	2.59E-03	8.92E-04	2.17E-03	6.68E-04	5.13E-04	1.71E-04	4.00E-04	8.23E-05
485	624951.83	4265668.05	2.57E-03	8.83E-04	2.15E-03	6.61E-04	5.08E-04	1.69E-04	3.96E-04	8.15E-05
486	624846.85	4265575.18	3.31E-03	1.14E-03	2.77E-03	8.52E-04	6.55E-04	2.18E-04	5.11E-04	1.05E-04
487	624836.94	4265575.04	3.39E-03	1.17E-03	2.83E-03	8.72E-04	6.71E-04	2.23E-04	5.23E-04	1.08E-04
488	624827.03	4265574.91	3.46E-03	1.19E-03	2.89E-03	8.90E-04	6.84E-04	2.28E-04	5.33E-04	1.10E-04
489	624817.12	4265574.77	3.52E-03	1.21E-03	2.94E-03	9.06E-04	6.96E-04	2.32E-04	5.43E-04	1.12E-04
490	624807.21	4265574.63	3.57E-03	1.23E-03	2.99E-03	9.20E-04	7.07E-04	2.35E-04	5.51E-04	1.13E-04
491	624797.3	4265574.5	3.62E-03	1.24E-03	3.03E-03	9.32E-04	7.17E-04	2.39E-04	5.59E-04	1.15E-04
492	624787.39	4265574.36	3.66E-03	1.26E-03	3.06E-03	9.42E-04	7.25E-04	2.41E-04	5.65E-04	1.16E-04
493	624777.49	4265574.22	3.69E-03	1.27E-03	3.09E-03	9.51E-04	7.31E-04	2.43E-04	5.70E-04	1.17E-04
494	624767.58	4265574.08	3.72E-03	1.28E-03	3.11E-03	9.58E-04	7.37E-04	2.45E-04	5.74E-04	1.18E-04
495	624757.67	4265573.95	3.75E-03	1.29E-03	3.13E-03	9.64E-04	7.41E-04	2.47E-04	5.78E-04	1.19E-04
496	624747.76	4265573.81	3.77E-03	1.30E-03	3.15E-03	9.71E-04	7.46E-04	2.48E-04	5.82E-04	1.20E-04
497	624737.85	4265573.67	3.80E-03	1.31E-03	3.17E-03	9.77E-04	7.51E-04	2.50E-04	5.86E-04	1.20E-04
498	624727.94	4265573.53	3.82E-03	1.31E-03	3.19E-03	9.84E-04	7.56E-04	2.52E-04	5.90E-04	1.21E-04
499	624718.03	4265573.4	3.84E-03	1.32E-03	3.21E-03	9.89E-04	7.61E-04	2.53E-04	5.93E-04	1.22E-04
500	624708.12	4265573.26	3.86E-03	1.33E-03	3.23E-03	9.94E-04	7.64E-04	2.54E-04	5.96E-04	1.22E-04
501	624698.22	4265573.12	3.87E-03	1.33E-03	3.24E-03	9.97E-04	7.67E-04	2.55E-04	5.98E-04	1.23E-04
502	624688.31	4265572.98	3.88E-03	1.34E-03	3.25E-03	1.00E-03	7.69E-04	2.56E-04	5.99E-04	1.23E-04
503	624678.4	4265572.85	3.90E-03	1.34E-03	3.26E-03	1.00E-03	7.71E-04	2.57E-04	6.01E-04	1.24E-04
504	624668.49	4265572.71	3.90E-03	1.34E-03	3.26E-03	1.01E-03	7.73E-04	2.57E-04	6.02E-04	1.24E-04
505	624658.58	4265572.57	3.91E-03	1.34E-03	3.27E-03	1.01E-03	7.73E-04	2.57E-04	6.03E-04	1.24E-04
506	624648.67	4265572.43	3.90E-03	1.34E-03	3.26E-03	1.01E-03	7.73E-04	2.57E-04	6.02E-04	1.24E-04
507	624638.76	4265572.3	3.89E-03	1.34E-03	3.25E-03	1.00E-03	7.70E-04	2.56E-04	6.01E-04	1.24E-04
508	624628.85	4265572.16	3.87E-03	1.33E-03	3.24E-03	9.97E-04	7.67E-04	2.55E-04	5.98E-04	1.23E-04
509	624618.95	4265572.02	3.85E-03	1.32E-03	3.22E-03	9.90E-04	7.61E-04	2.53E-04	5.94E-04	1.22E-04
510	624609.04	4265571.88	3.82E-03	1.31E-03	3.19E-03	9.83E-04	7.56E-04	2.52E-04	5.89E-04	1.21E-04
511	624599.13	4265571.75	3.79E-03	1.30E-03	3.16E-03	9.75E-04	7.49E-04	2.49E-04	5.84E-04	1.20E-04
512	624589.22	4265571.61	3.75E-03	1.29E-03	3.13E-03	9.65E-04	7.42E-04	2.47E-04	5.78E-04	1.19E-04
513	624579.31	4265571.47	3.70E-03	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.71E-04	1.17E-04
514	624569.4	4265571.34	3.64E-03	1.25E-03	3.05E-03	9.38E-04	7.21E-04	2.40E-04	5.62E-04	1.16E-04
515	624559.49	4265571.2	3.58E-03	1.23E-03	2.99E-03	9.22E-04	7.09E-04	2.36E-04	5.53E-04	1.14E-04
516	624549.58	4265571.06	3.52E-03	1.21E-03	2.94E-03	9.05E-04	6.96E-04	2.32E-04	5.42E-04	1.12E-04
517	624539.67	4265570.92	3.45E-03	1.19E-03	2.88E-03	8.87E-04	6.82E-04	2.27E-04	5.32E-04	1.09E-04
518	624529.77	4265570.79	3.37E-03	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04	1.07E-04
519	624519.86	4265570.65	3.29E-03	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.07E-04	1.04E-04
520	624509.95	4265570.51	3.20E-03	1.10E-03	2.67E-03	8.24E-04	6.33E-04	2.11E-04	4.94E-04	1.02E-04
521	624500.04	4265570.37	3.11E-03	1.07E-03	2.60E-03	7.99E-04	6.15E-04	2.05E-04	4.79E-04	9.85E-05
522	624490.13	4265570.24	3.01E-03	1.03E-03	2.52E-03	7.75E-04	5.96E-04	1.98E-04	4.64E-04	9.55E-05
523	624480.22	4265570.1	2.91E-03	1.00E-03	2.43E-03	7.49E-04	5.76E-04	1.92E-04	4.49E-04	9.24E-05
524	624470.31	4265569.96	2.81E-03	9.65E-04	2.35E-03	7.23E-04	5.56E-04	1.85E-04	4.33E-04	8.91E-05
525	624460.4	4265569.82	2.70E-03	9.27E-04	2.25E-03	6.94E-04	5.34E-04	1.78E-04	4.16E-04	8.56E-05
526	624450.5	4265569.69	2.58E-03	8.87E-04	2.16E-03	6.64E-04	5.11E-04	1.70E-04	3.98E-04	8.19E-05

527	624440.59	4265569.55	2.46E-03	8.45E-04	2.06E-03	6.33E-04	4.87E-04	1.62E-04	3.79E-04	7.80E-05
528	624430.68	4265569.41	2.34E-03	8.04E-04	1.95E-03	6.02E-04	4.63E-04	1.54E-04	3.61E-04	7.42E-05
529	624420.77	4265569.27	2.22E-03	7.64E-04	1.86E-03	5.72E-04	4.40E-04	1.46E-04	3.43E-04	7.06E-05
530	624410.86	4265569.14	2.11E-03	7.27E-04	1.77E-03	5.44E-04	4.18E-04	1.39E-04	3.26E-04	6.71E-05
531	624400.95	4265569	2.01E-03	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.10E-04	6.38E-05
532	624391.04	4265568.86	1.91E-03	6.58E-04	1.60E-03	4.93E-04	3.79E-04	1.26E-04	2.95E-04	6.08E-05
533	624381.13	4265568.72	1.83E-03	6.28E-04	1.53E-03	4.70E-04	3.61E-04	1.20E-04	2.82E-04	5.79E-05
534	624371.23	4265568.59	1.74E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.53E-05
535	624361.32	4265568.45	1.67E-03	5.75E-04	1.40E-03	4.30E-04	3.31E-04	1.10E-04	2.58E-04	5.30E-05
536	624874.7	4265557.91	2.84E-03	9.78E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04	9.03E-05
537	624883.5	4265561.71	2.81E-03	9.65E-04	2.34E-03	7.22E-04	5.55E-04	1.85E-04	4.33E-04	8.90E-05
538	624892.3	4265565.5	2.76E-03	9.48E-04	2.30E-03	7.10E-04	5.46E-04	1.82E-04	4.25E-04	8.75E-05
539	624901.1	4265569.3	2.70E-03	9.28E-04	2.26E-03	6.95E-04	5.34E-04	1.78E-04	4.16E-04	8.56E-05
540	624909.89	4265573.09	2.63E-03	9.06E-04	2.20E-03	6.78E-04	5.21E-04	1.74E-04	4.06E-04	8.36E-05
541	624918.69	4265576.89	2.57E-03	8.82E-04	2.14E-03	6.60E-04	5.08E-04	1.69E-04	3.96E-04	8.14E-05
542	624927.49	4265580.68	2.49E-03	8.57E-04	2.08E-03	6.42E-04	4.94E-04	1.64E-04	3.85E-04	7.91E-05
543	624936.29	4265584.48	2.42E-03	8.32E-04	2.02E-03	6.23E-04	4.79E-04	1.59E-04	3.73E-04	7.68E-05
544	624948.61	4265597.18	2.35E-03	8.07E-04	1.96E-03	6.04E-04	4.65E-04	1.55E-04	3.62E-04	7.45E-05
545	624952.14	4265606.09	2.35E-03	8.07E-04	1.96E-03	6.04E-04	4.64E-04	1.55E-04	3.62E-04	7.44E-05
546	624955.67	4265615	2.34E-03	8.05E-04	1.96E-03	6.03E-04	4.63E-04	1.54E-04	3.61E-04	7.43E-05
547	624959.19	4265623.91	2.33E-03	8.02E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.40E-05
548	624962.72	4265632.82	2.32E-03	7.98E-04	1.94E-03	5.97E-04	4.59E-04	1.53E-04	3.58E-04	7.36E-05
549	624966.25	4265641.73	2.30E-03	7.93E-04	1.93E-03	5.93E-04	4.56E-04	1.52E-04	3.56E-04	7.31E-05
550	624969.77	4265650.64	2.29E-03	7.86E-04	1.91E-03	5.88E-04	4.52E-04	1.51E-04	3.53E-04	7.25E-05
551	624973.3	4265659.55	2.26E-03	7.78E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04	7.18E-05
552	624976.83	4265668.46	2.24E-03	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04	7.10E-05
553	624847.19	4265550.18	2.96E-03	1.02E-03	2.47E-03	7.61E-04	5.85E-04	1.95E-04	4.56E-04	9.38E-05
554	624837.29	4265550.05	3.01E-03	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04	9.56E-05
555	624827.38	4265549.91	3.07E-03	1.05E-03	2.56E-03	7.89E-04	6.07E-04	2.02E-04	4.73E-04	9.73E-05
556	624817.47	4265549.77	3.11E-03	1.07E-03	2.60E-03	8.01E-04	6.16E-04	2.05E-04	4.80E-04	9.88E-05
557	624807.56	4265549.64	3.15E-03	1.08E-03	2.64E-03	8.12E-04	6.24E-04	2.08E-04	4.87E-04	1.00E-04
558	624797.65	4265549.5	3.19E-03	1.10E-03	2.67E-03	8.22E-04	6.32E-04	2.10E-04	4.93E-04	1.01E-04
559	624787.74	4265549.36	3.22E-03	1.11E-03	2.69E-03	8.30E-04	6.38E-04	2.12E-04	4.97E-04	1.02E-04
560	624777.83	4265549.22	3.25E-03	1.12E-03	2.72E-03	8.37E-04	6.43E-04	2.14E-04	5.01E-04	1.03E-04
561	624767.92	4265549.09	3.27E-03	1.12E-03	2.73E-03	8.42E-04	6.47E-04	2.15E-04	5.05E-04	1.04E-04
562	624758.02	4265548.95	3.29E-03	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.08E-04	1.04E-04
563	624748.11	4265548.81	3.31E-03	1.14E-03	2.76E-03	8.52E-04	6.55E-04	2.18E-04	5.10E-04	1.05E-04
564	624738.2	4265548.67	3.33E-03	1.14E-03	2.78E-03	8.56E-04	6.58E-04	2.19E-04	5.13E-04	1.06E-04
565	624728.29	4265548.54	3.34E-03	1.15E-03	2.79E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04	1.06E-04
566	624718.38	4265548.4	3.36E-03	1.15E-03	2.81E-03	8.64E-04	6.65E-04	2.21E-04	5.18E-04	1.07E-04
567	624708.47	4265548.26	3.37E-03	1.16E-03	2.81E-03	8.67E-04	6.66E-04	2.22E-04	5.20E-04	1.07E-04
568	624698.56	4265548.12	3.37E-03	1.16E-03	2.82E-03	8.69E-04	6.68E-04	2.22E-04	5.21E-04	1.07E-04
569	624688.65	4265547.99	3.38E-03	1.16E-03	2.82E-03	8.70E-04	6.69E-04	2.23E-04	5.21E-04	1.07E-04
570	624678.74	4265547.85	3.38E-03	1.16E-03	2.83E-03	8.71E-04	6.69E-04	2.23E-04	5.22E-04	1.07E-04
571	624668.84	4265547.71	3.38E-03	1.16E-03	2.83E-03	8.71E-04	6.70E-04	2.23E-04	5.22E-04	1.07E-04
572	624658.93	4265547.57	3.38E-03	1.16E-03	2.83E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04	1.07E-04
573	624649.02	4265547.44	3.37E-03	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04	1.07E-04
574	624639.11	4265547.3	3.35E-03	1.15E-03	2.80E-03	8.64E-04	6.64E-04	2.21E-04	5.18E-04	1.06E-04
575	624629.2	4265547.16	3.33E-03	1.15E-03	2.79E-03	8.58E-04	6.60E-04	2.20E-04	5.14E-04	1.06E-04
576	624619.29	4265547.02	3.31E-03	1.14E-03	2.76E-03	8.51E-04	6.54E-04	2.18E-04	5.10E-04	1.05E-04
577	624609.38	4265546.89	3.28E-03	1.13E-03	2.74E-03	8.43E-04	6.48E-04	2.16E-04	5.06E-04	1.04E-04
578	624599.47	4265546.75	3.24E-03	1.11E-03	2.71E-03	8.35E-04	6.42E-04	2.14E-04	5.00E-04	1.03E-04
579	624589.57	4265546.61	3.20E-03	1.10E-03	2.68E-03	8.25E-04	6.34E-04	2.11E-04	4.94E-04	1.02E-04

580	624579.66	4265546.47	3.16E-03	1.09E-03	2.64E-03	8.13E-04	6.25E-04	2.08E-04	4.87E-04	1.00E-04
581	624569.75	4265546.34	3.11E-03	1.07E-03	2.60E-03	8.00E-04	6.15E-04	2.05E-04	4.79E-04	9.86E-05
582	624559.84	4265546.2	3.05E-03	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04	9.68E-05
583	624549.93	4265546.06	2.99E-03	1.03E-03	2.50E-03	7.70E-04	5.92E-04	1.97E-04	4.62E-04	9.49E-05
584	624540.02	4265545.93	2.93E-03	1.01E-03	2.45E-03	7.54E-04	5.80E-04	1.93E-04	4.52E-04	9.30E-05
585	624530.11	4265545.79	2.86E-03	9.85E-04	2.39E-03	7.37E-04	5.67E-04	1.89E-04	4.42E-04	9.09E-05
586	624520.2	4265545.65	2.79E-03	9.60E-04	2.33E-03	7.19E-04	5.53E-04	1.84E-04	4.31E-04	8.86E-05
587	624510.3	4265545.51	2.72E-03	9.34E-04	2.27E-03	6.99E-04	5.38E-04	1.79E-04	4.19E-04	8.62E-05
588	624500.39	4265545.38	2.64E-03	9.06E-04	2.20E-03	6.78E-04	5.22E-04	1.74E-04	4.07E-04	8.36E-05
589	624490.48	4265545.24	2.55E-03	8.78E-04	2.13E-03	6.57E-04	5.05E-04	1.68E-04	3.94E-04	8.10E-05
590	624480.57	4265545.1	2.47E-03	8.49E-04	2.06E-03	6.36E-04	4.89E-04	1.63E-04	3.81E-04	7.84E-05
591	624470.66	4265544.96	2.38E-03	8.19E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04	7.56E-05
592	624460.75	4265544.83	2.29E-03	7.89E-04	1.92E-03	5.90E-04	4.54E-04	1.51E-04	3.54E-04	7.28E-05
593	624450.84	4265544.69	2.20E-03	7.57E-04	1.84E-03	5.67E-04	4.36E-04	1.45E-04	3.40E-04	6.98E-05
594	624440.93	4265544.55	2.11E-03	7.25E-04	1.76E-03	5.43E-04	4.17E-04	1.39E-04	3.25E-04	6.69E-05
595	624431.02	4265544.41	2.02E-03	6.94E-04	1.69E-03	5.20E-04	3.99E-04	1.33E-04	3.11E-04	6.41E-05
596	624421.12	4265544.28	1.93E-03	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.98E-04	6.14E-05
597	624411.21	4265544.14	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
598	624401.3	4265544	1.78E-03	6.11E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.74E-04	5.64E-05
599	624391.39	4265543.86	1.71E-03	5.86E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04	5.41E-05
600	624381.48	4265543.73	1.64E-03	5.63E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.53E-04	5.19E-05
601	624371.57	4265543.59	1.57E-03	5.41E-04	1.31E-03	4.05E-04	3.11E-04	1.04E-04	2.43E-04	4.99E-05
602	624361.66	4265543.45	1.51E-03	5.20E-04	1.26E-03	3.90E-04	3.00E-04	9.97E-05	2.33E-04	4.80E-05
603	624866.25	4265529.12	2.61E-03	8.97E-04	2.18E-03	6.71E-04	5.16E-04	1.72E-04	4.02E-04	8.28E-05
604	624875.05	4265532.91	2.59E-03	8.91E-04	2.17E-03	6.67E-04	5.13E-04	1.71E-04	4.00E-04	8.22E-05
605	624883.85	4265536.71	2.57E-03	8.83E-04	2.15E-03	6.61E-04	5.08E-04	1.69E-04	3.96E-04	8.15E-05
606	624892.64	4265540.5	2.54E-03	8.72E-04	2.12E-03	6.53E-04	5.02E-04	1.67E-04	3.91E-04	8.05E-05
607	624901.44	4265544.3	2.50E-03	8.58E-04	2.09E-03	6.43E-04	4.94E-04	1.64E-04	3.85E-04	7.92E-05
608	624910.24	4265548.09	2.45E-03	8.43E-04	2.05E-03	6.31E-04	4.85E-04	1.61E-04	3.78E-04	7.78E-05
609	624919.04	4265551.89	2.40E-03	8.25E-04	2.01E-03	6.18E-04	4.75E-04	1.58E-04	3.70E-04	7.61E-05
610	624927.84	4265555.68	2.34E-03	8.06E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.62E-04	7.44E-05
611	624936.64	4265559.48	2.28E-03	7.86E-04	1.91E-03	5.88E-04	4.52E-04	1.51E-04	3.53E-04	7.25E-05
612	624945.44	4265563.27	2.22E-03	7.65E-04	1.86E-03	5.73E-04	4.40E-04	1.47E-04	3.43E-04	7.06E-05
613	624954.23	4265567.07	2.16E-03	7.43E-04	1.81E-03	5.56E-04	4.28E-04	1.42E-04	3.33E-04	6.86E-05
614	624966.56	4265579.77	2.10E-03	7.22E-04	1.75E-03	5.41E-04	4.16E-04	1.38E-04	3.24E-04	6.66E-05
615	624970.09	4265588.68	2.10E-03	7.22E-04	1.75E-03	5.40E-04	4.15E-04	1.38E-04	3.24E-04	6.66E-05
616	624973.61	4265597.59	2.09E-03	7.20E-04	1.75E-03	5.39E-04	4.15E-04	1.38E-04	3.23E-04	6.65E-05
617	624977.14	4265606.5	2.09E-03	7.18E-04	1.74E-03	5.37E-04	4.13E-04	1.38E-04	3.22E-04	6.62E-05
618	624980.66	4265615.41	2.08E-03	7.14E-04	1.74E-03	5.35E-04	4.11E-04	1.37E-04	3.21E-04	6.59E-05
619	624984.19	4265624.32	2.07E-03	7.10E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04	6.55E-05
620	624987.72	4265633.23	2.05E-03	7.05E-04	1.71E-03	5.28E-04	4.06E-04	1.35E-04	3.16E-04	6.51E-05
621	624991.24	4265642.14	2.03E-03	6.99E-04	1.70E-03	5.23E-04	4.02E-04	1.34E-04	3.14E-04	6.45E-05
622	624994.77	4265651.05	2.01E-03	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.10E-04	6.38E-05
623	624998.3	4265659.96	1.99E-03	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04	6.31E-05
624	625001.82	4265668.87	1.96E-03	6.75E-04	1.64E-03	5.06E-04	3.89E-04	1.29E-04	3.03E-04	6.23E-05
625	624857.45	4265525.32	2.62E-03	9.00E-04	2.19E-03	6.74E-04	5.18E-04	1.72E-04	4.04E-04	8.31E-05
626	624847.54	4265525.19	2.67E-03	9.17E-04	2.23E-03	6.86E-04	5.28E-04	1.76E-04	4.11E-04	8.46E-05
627	624837.63	4265525.05	2.71E-03	9.32E-04	2.26E-03	6.98E-04	5.36E-04	1.79E-04	4.18E-04	8.60E-05
628	624827.72	4265524.91	2.75E-03	9.45E-04	2.30E-03	7.08E-04	5.44E-04	1.81E-04	4.24E-04	8.73E-05
629	624817.81	4265524.77	2.79E-03	9.58E-04	2.33E-03	7.17E-04	5.51E-04	1.84E-04	4.30E-04	8.84E-05
630	624807.91	4265524.64	2.82E-03	9.70E-04	2.36E-03	7.26E-04	5.58E-04	1.86E-04	4.35E-04	8.95E-05
631	624798	4265524.5	2.85E-03	9.80E-04	2.38E-03	7.33E-04	5.64E-04	1.88E-04	4.40E-04	9.04E-05
632	624788.09	4265524.36	2.87E-03	9.88E-04	2.40E-03	7.40E-04	5.69E-04	1.89E-04	4.43E-04	9.12E-05

633	624778.18	4265524.23	2.89E-03	9.95E-04	2.42E-03	7.45E-04	5.73E-04	1.91E-04	4.47E-04	9.19E-05
634	624768.27	4265524.09	2.91E-03	1.00E-03	2.43E-03	7.49E-04	5.76E-04	1.92E-04	4.49E-04	9.24E-05
635	624758.36	4265523.95	2.92E-03	1.01E-03	2.44E-03	7.53E-04	5.79E-04	1.93E-04	4.51E-04	9.28E-05
636	624748.45	4265523.81	2.94E-03	1.01E-03	2.45E-03	7.56E-04	5.81E-04	1.93E-04	4.53E-04	9.32E-05
637	624738.54	4265523.68	2.95E-03	1.01E-03	2.46E-03	7.59E-04	5.84E-04	1.94E-04	4.55E-04	9.36E-05
638	624728.64	4265523.54	2.96E-03	1.02E-03	2.47E-03	7.62E-04	5.86E-04	1.95E-04	4.57E-04	9.39E-05
639	624718.73	4265523.4	2.97E-03	1.02E-03	2.48E-03	7.64E-04	5.87E-04	1.95E-04	4.58E-04	9.41E-05
640	624708.82	4265523.26	2.97E-03	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.58E-04	9.43E-05
641	624698.91	4265523.13	2.97E-03	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.59E-04	9.43E-05
642	624689	4265522.99	2.97E-03	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.59E-04	9.43E-05
643	624679.09	4265522.85	2.97E-03	1.02E-03	2.48E-03	7.64E-04	5.88E-04	1.96E-04	4.58E-04	9.42E-05
644	624669.18	4265522.71	2.96E-03	1.02E-03	2.48E-03	7.63E-04	5.87E-04	1.95E-04	4.57E-04	9.41E-05
645	624659.27	4265522.58	2.96E-03	1.02E-03	2.47E-03	7.61E-04	5.85E-04	1.95E-04	4.56E-04	9.38E-05
646	624649.36	4265522.44	2.94E-03	1.01E-03	2.46E-03	7.58E-04	5.83E-04	1.94E-04	4.54E-04	9.35E-05
647	624639.46	4265522.3	2.93E-03	1.01E-03	2.45E-03	7.54E-04	5.79E-04	1.93E-04	4.52E-04	9.29E-05
648	624629.55	4265522.16	2.90E-03	9.99E-04	2.43E-03	7.48E-04	5.75E-04	1.91E-04	4.48E-04	9.22E-05
649	624619.64	4265522.03	2.88E-03	9.90E-04	2.41E-03	7.41E-04	5.70E-04	1.90E-04	4.44E-04	9.13E-05
650	624609.73	4265521.89	2.85E-03	9.79E-04	2.38E-03	7.33E-04	5.64E-04	1.88E-04	4.39E-04	9.04E-05
651	624599.82	4265521.75	2.81E-03	9.68E-04	2.35E-03	7.25E-04	5.57E-04	1.85E-04	4.34E-04	8.93E-05
652	624589.91	4265521.61	2.78E-03	9.55E-04	2.32E-03	7.15E-04	5.50E-04	1.83E-04	4.28E-04	8.81E-05
653	624580	4265521.48	2.74E-03	9.40E-04	2.29E-03	7.04E-04	5.41E-04	1.80E-04	4.22E-04	8.68E-05
654	624570.09	4265521.34	2.69E-03	9.24E-04	2.25E-03	6.92E-04	5.32E-04	1.77E-04	4.15E-04	8.53E-05
655	624560.19	4265521.2	2.64E-03	9.07E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.37E-05
656	624550.28	4265521.07	2.58E-03	8.89E-04	2.16E-03	6.65E-04	5.12E-04	1.70E-04	3.99E-04	8.20E-05
657	624540.37	4265520.93	2.53E-03	8.70E-04	2.11E-03	6.51E-04	5.01E-04	1.67E-04	3.90E-04	8.03E-05
658	624530.46	4265520.79	2.47E-03	8.49E-04	2.06E-03	6.36E-04	4.89E-04	1.63E-04	3.81E-04	7.84E-05
659	624520.55	4265520.65	2.41E-03	8.28E-04	2.01E-03	6.20E-04	4.77E-04	1.59E-04	3.72E-04	7.64E-05
660	624510.64	4265520.52	2.34E-03	8.05E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.61E-04	7.43E-05
661	624500.73	4265520.38	2.27E-03	7.82E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04	7.22E-05
662	624490.82	4265520.24	2.20E-03	7.58E-04	1.84E-03	5.68E-04	4.36E-04	1.45E-04	3.40E-04	7.00E-05
663	624480.92	4265520.1	2.13E-03	7.34E-04	1.78E-03	5.49E-04	4.22E-04	1.41E-04	3.29E-04	6.77E-05
664	624471.01	4265519.97	2.06E-03	7.09E-04	1.72E-03	5.31E-04	4.08E-04	1.36E-04	3.18E-04	6.55E-05
665	624461.1	4265519.83	1.99E-03	6.85E-04	1.66E-03	5.13E-04	3.94E-04	1.31E-04	3.07E-04	6.32E-05
666	624451.19	4265519.69	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
667	624441.28	4265519.55	1.85E-03	6.35E-04	1.54E-03	4.76E-04	3.66E-04	1.22E-04	2.85E-04	5.86E-05
668	624431.37	4265519.42	1.78E-03	6.12E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.74E-04	5.64E-05
669	624421.46	4265519.28	1.71E-03	5.89E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04	5.44E-05
670	624411.55	4265519.14	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
671	624401.64	4265519	1.59E-03	5.48E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04	5.06E-05
672	624391.74	4265518.87	1.54E-03	5.28E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
673	624381.83	4265518.73	1.48E-03	5.10E-04	1.24E-03	3.82E-04	2.93E-04	9.77E-05	2.29E-04	4.70E-05
674	624371.92	4265518.59	1.43E-03	4.92E-04	1.20E-03	3.68E-04	2.83E-04	9.42E-05	2.21E-04	4.54E-05
675	624362.01	4265518.45	1.38E-03	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04	4.38E-05
676	624866.59	4265504.12	2.38E-03	8.18E-04	1.99E-03	6.12E-04	4.71E-04	1.57E-04	3.67E-04	7.55E-05
677	624875.39	4265507.92	2.37E-03	8.15E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.66E-04	7.52E-05
678	624884.19	4265511.71	2.36E-03	8.10E-04	1.97E-03	6.07E-04	4.66E-04	1.55E-04	3.64E-04	7.48E-05
679	624892.99	4265515.51	2.34E-03	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.41E-05
680	624901.79	4265519.3	2.31E-03	7.94E-04	1.93E-03	5.95E-04	4.57E-04	1.52E-04	3.56E-04	7.33E-05
681	624910.59	4265523.1	2.28E-03	7.83E-04	1.90E-03	5.86E-04	4.51E-04	1.50E-04	3.51E-04	7.23E-05
682	624919.39	4265526.89	2.24E-03	7.70E-04	1.87E-03	5.77E-04	4.43E-04	1.48E-04	3.46E-04	7.11E-05
683	624928.18	4265530.69	2.20E-03	7.56E-04	1.84E-03	5.66E-04	4.35E-04	1.45E-04	3.39E-04	6.98E-05
684	624936.98	4265534.48	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04	6.83E-05
685	624945.78	4265538.28	2.10E-03	7.24E-04	1.76E-03	5.42E-04	4.16E-04	1.39E-04	3.25E-04	6.68E-05

686	624954.58	4265542.07	2.05E-03	7.06E-04	1.72E-03	5.29E-04	4.06E-04	1.35E-04	3.17E-04	6.52E-05
687	624963.38	4265545.87	2.00E-03	6.88E-04	1.67E-03	5.15E-04	3.96E-04	1.32E-04	3.09E-04	6.35E-05
688	624972.18	4265549.66	1.95E-03	6.70E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.18E-05
689	624984.5	4265562.37	1.89E-03	6.51E-04	1.58E-03	4.88E-04	3.75E-04	1.25E-04	2.92E-04	6.01E-05
690	624988.03	4265571.28	1.89E-03	6.51E-04	1.58E-03	4.87E-04	3.74E-04	1.25E-04	2.92E-04	6.00E-05
691	624991.56	4265580.19	1.89E-03	6.49E-04	1.58E-03	4.86E-04	3.74E-04	1.24E-04	2.91E-04	5.99E-05
692	624995.08	4265589.1	1.88E-03	6.47E-04	1.57E-03	4.85E-04	3.73E-04	1.24E-04	2.90E-04	5.97E-05
693	624998.61	4265598	1.87E-03	6.44E-04	1.57E-03	4.83E-04	3.71E-04	1.23E-04	2.89E-04	5.95E-05
694	625002.13	4265606.91	1.86E-03	6.41E-04	1.56E-03	4.80E-04	3.69E-04	1.23E-04	2.88E-04	5.92E-05
695	625005.66	4265615.82	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
696	625009.19	4265624.73	1.84E-03	6.32E-04	1.54E-03	4.73E-04	3.64E-04	1.21E-04	2.84E-04	5.83E-05
697	625012.71	4265633.64	1.82E-03	6.26E-04	1.52E-03	4.69E-04	3.60E-04	1.20E-04	2.81E-04	5.78E-05
698	625016.24	4265642.55	1.80E-03	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.72E-05
699	625019.77	4265651.46	1.78E-03	6.13E-04	1.49E-03	4.59E-04	3.53E-04	1.17E-04	2.75E-04	5.66E-05
700	625023.29	4265660.37	1.76E-03	6.05E-04	1.47E-03	4.53E-04	3.48E-04	1.16E-04	2.72E-04	5.59E-05
701	625026.82	4265669.28	1.74E-03	5.97E-04	1.45E-03	4.47E-04	3.44E-04	1.14E-04	2.68E-04	5.51E-05
702	624857.8	4265500.33	2.38E-03	8.20E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04	7.56E-05
703	624847.89	4265500.19	2.42E-03	8.32E-04	2.02E-03	6.23E-04	4.79E-04	1.59E-04	3.74E-04	7.68E-05
704	624837.98	4265500.05	2.45E-03	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04	7.79E-05
705	624828.07	4265499.91	2.49E-03	8.55E-04	2.08E-03	6.40E-04	4.92E-04	1.64E-04	3.84E-04	7.89E-05
706	624818.16	4265499.78	2.52E-03	8.65E-04	2.10E-03	6.48E-04	4.98E-04	1.66E-04	3.88E-04	7.99E-05
707	624808.25	4265499.64	2.54E-03	8.74E-04	2.13E-03	6.55E-04	5.03E-04	1.68E-04	3.92E-04	8.07E-05
708	624798.34	4265499.5	2.57E-03	8.82E-04	2.14E-03	6.61E-04	5.08E-04	1.69E-04	3.96E-04	8.14E-05
709	624788.43	4265499.37	2.59E-03	8.89E-04	2.16E-03	6.66E-04	5.12E-04	1.70E-04	3.99E-04	8.21E-05
710	624778.53	4265499.23	2.60E-03	8.95E-04	2.17E-03	6.70E-04	5.15E-04	1.71E-04	4.01E-04	8.26E-05
711	624768.62	4265499.09	2.61E-03	8.99E-04	2.19E-03	6.73E-04	5.18E-04	1.72E-04	4.03E-04	8.30E-05
712	624758.71	4265498.95	2.62E-03	9.02E-04	2.19E-03	6.76E-04	5.19E-04	1.73E-04	4.05E-04	8.33E-05
713	624748.8	4265498.82	2.63E-03	9.05E-04	2.20E-03	6.78E-04	5.21E-04	1.73E-04	4.06E-04	8.35E-05
714	624738.89	4265498.68	2.64E-03	9.07E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.37E-05
715	624728.98	4265498.54	2.64E-03	9.09E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.08E-04	8.39E-05
716	624719.07	4265498.4	2.64E-03	9.09E-04	2.21E-03	6.81E-04	5.23E-04	1.74E-04	4.08E-04	8.39E-05
717	624709.16	4265498.27	2.64E-03	9.09E-04	2.21E-03	6.81E-04	5.23E-04	1.74E-04	4.08E-04	8.39E-05
718	624699.26	4265498.13	2.64E-03	9.08E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.08E-04	8.38E-05
719	624689.35	4265497.99	2.64E-03	9.07E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.37E-05
720	624679.44	4265497.85	2.63E-03	9.04E-04	2.20E-03	6.77E-04	5.21E-04	1.73E-04	4.06E-04	8.35E-05
721	624669.53	4265497.72	2.62E-03	9.02E-04	2.19E-03	6.75E-04	5.19E-04	1.73E-04	4.05E-04	8.32E-05
722	624659.62	4265497.58	2.61E-03	8.98E-04	2.18E-03	6.72E-04	5.17E-04	1.72E-04	4.03E-04	8.29E-05
723	624649.71	4265497.44	2.60E-03	8.93E-04	2.17E-03	6.68E-04	5.14E-04	1.71E-04	4.01E-04	8.24E-05
724	624639.8	4265497.3	2.58E-03	8.87E-04	2.15E-03	6.64E-04	5.10E-04	1.70E-04	3.98E-04	8.18E-05
725	624629.89	4265497.17	2.56E-03	8.79E-04	2.14E-03	6.58E-04	5.06E-04	1.68E-04	3.94E-04	8.11E-05
726	624619.99	4265497.03	2.53E-03	8.70E-04	2.12E-03	6.51E-04	5.01E-04	1.67E-04	3.90E-04	8.03E-05
727	624610.08	4265496.89	2.50E-03	8.60E-04	2.09E-03	6.44E-04	4.95E-04	1.65E-04	3.86E-04	7.94E-05
728	624600.17	4265496.75	2.47E-03	8.49E-04	2.06E-03	6.36E-04	4.89E-04	1.63E-04	3.81E-04	7.84E-05
729	624590.26	4265496.62	2.43E-03	8.37E-04	2.03E-03	6.27E-04	4.82E-04	1.60E-04	3.76E-04	7.72E-05
730	624580.35	4265496.48	2.40E-03	8.24E-04	2.00E-03	6.17E-04	4.74E-04	1.58E-04	3.70E-04	7.60E-05
731	624570.44	4265496.34	2.35E-03	8.09E-04	1.97E-03	6.06E-04	4.66E-04	1.55E-04	3.63E-04	7.47E-05
732	624560.53	4265496.2	2.31E-03	7.94E-04	1.93E-03	5.94E-04	4.57E-04	1.52E-04	3.56E-04	7.32E-05
733	624550.62	4265496.07	2.26E-03	7.77E-04	1.89E-03	5.82E-04	4.47E-04	1.49E-04	3.49E-04	7.17E-05
734	624540.71	4265495.93	2.21E-03	7.60E-04	1.85E-03	5.69E-04	4.37E-04	1.46E-04	3.41E-04	7.01E-05
735	624530.81	4265495.79	2.16E-03	7.42E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04	6.85E-05
736	624520.9	4265495.66	2.10E-03	7.23E-04	1.76E-03	5.42E-04	4.16E-04	1.39E-04	3.25E-04	6.68E-05
737	624510.99	4265495.52	2.05E-03	7.04E-04	1.71E-03	5.27E-04	4.05E-04	1.35E-04	3.16E-04	6.50E-05
738	624501.08	4265495.38	1.99E-03	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04	6.32E-05

739	624491.17	4265495.24	1.93E-03	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04	6.13E-05
740	624481.26	4265495.11	1.87E-03	6.44E-04	1.57E-03	4.82E-04	3.71E-04	1.23E-04	2.89E-04	5.94E-05
741	624471.35	4265494.97	1.81E-03	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.20E-04	2.80E-04	5.76E-05
742	624461.44	4265494.83	1.76E-03	6.04E-04	1.47E-03	4.52E-04	3.48E-04	1.16E-04	2.71E-04	5.58E-05
743	624451.54	4265494.69	1.70E-03	5.85E-04	1.42E-03	4.38E-04	3.36E-04	1.12E-04	2.62E-04	5.39E-05
744	624441.63	4265494.56	1.64E-03	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.54E-04	5.22E-05
745	624431.72	4265494.42	1.59E-03	5.47E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04	5.05E-05
746	624421.81	4265494.28	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.37E-04	4.88E-05
747	624411.9	4265494.14	1.49E-03	5.12E-04	1.25E-03	3.84E-04	2.95E-04	9.82E-05	2.30E-04	4.73E-05
748	624401.99	4265494.01	1.44E-03	4.96E-04	1.21E-03	3.72E-04	2.86E-04	9.51E-05	2.23E-04	4.58E-05
749	624392.08	4265493.87	1.40E-03	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.21E-05	2.16E-04	4.44E-05
750	624382.17	4265493.73	1.35E-03	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.92E-05	2.09E-04	4.29E-05
751	624372.27	4265493.59	1.31E-03	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.63E-05	2.02E-04	4.16E-05
752	624362.36	4265493.46	1.27E-03	4.37E-04	1.06E-03	3.27E-04	2.51E-04	8.37E-05	1.96E-04	4.03E-05
753	624866.94	4265479.12	2.18E-03	7.50E-04	1.82E-03	5.62E-04	4.32E-04	1.44E-04	3.37E-04	6.92E-05
754	624875.74	4265482.92	2.18E-03	7.49E-04	1.82E-03	5.60E-04	4.31E-04	1.43E-04	3.36E-04	6.91E-05
755	624884.54	4265486.71	2.17E-03	7.46E-04	1.81E-03	5.58E-04	4.29E-04	1.43E-04	3.35E-04	6.88E-05
756	624893.34	4265490.51	2.16E-03	7.42E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04	6.84E-05
757	624902.14	4265494.3	2.14E-03	7.36E-04	1.79E-03	5.51E-04	4.23E-04	1.41E-04	3.30E-04	6.79E-05
758	624910.93	4265498.1	2.12E-03	7.28E-04	1.77E-03	5.45E-04	4.19E-04	1.40E-04	3.27E-04	6.72E-05
759	624919.73	4265501.89	2.09E-03	7.19E-04	1.75E-03	5.38E-04	4.14E-04	1.38E-04	3.23E-04	6.64E-05
760	624928.53	4265505.69	2.06E-03	7.08E-04	1.72E-03	5.30E-04	4.08E-04	1.36E-04	3.18E-04	6.54E-05
761	624937.33	4265509.48	2.03E-03	6.97E-04	1.69E-03	5.22E-04	4.01E-04	1.33E-04	3.13E-04	6.43E-05
762	624946.13	4265513.28	1.99E-03	6.83E-04	1.66E-03	5.12E-04	3.93E-04	1.31E-04	3.07E-04	6.31E-05
763	624954.93	4265517.07	1.95E-03	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.18E-05
764	624963.73	4265520.87	1.90E-03	6.54E-04	1.59E-03	4.90E-04	3.77E-04	1.25E-04	2.94E-04	6.04E-05
765	624972.52	4265524.66	1.86E-03	6.39E-04	1.55E-03	4.79E-04	3.68E-04	1.22E-04	2.87E-04	5.90E-05
766	624981.32	4265528.46	1.81E-03	6.23E-04	1.52E-03	4.67E-04	3.59E-04	1.19E-04	2.80E-04	5.75E-05
767	624990.12	4265532.25	1.77E-03	6.07E-04	1.48E-03	4.55E-04	3.50E-04	1.16E-04	2.73E-04	5.61E-05
768	625002.45	4265544.96	1.72E-03	5.91E-04	1.44E-03	4.43E-04	3.40E-04	1.13E-04	2.65E-04	5.46E-05
769	625005.97	4265553.87	1.72E-03	5.91E-04	1.44E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04	5.45E-05
770	625009.5	4265562.78	1.71E-03	5.89E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04	5.44E-05
771	625013.03	4265571.69	1.71E-03	5.87E-04	1.43E-03	4.40E-04	3.38E-04	1.13E-04	2.64E-04	5.42E-05
772	625016.55	4265580.6	1.70E-03	5.85E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04	5.40E-05
773	625020.08	4265589.51	1.69E-03	5.82E-04	1.42E-03	4.36E-04	3.35E-04	1.12E-04	2.61E-04	5.37E-05
774	625023.6	4265598.42	1.68E-03	5.79E-04	1.41E-03	4.33E-04	3.33E-04	1.11E-04	2.60E-04	5.34E-05
775	625027.13	4265607.33	1.67E-03	5.75E-04	1.40E-03	4.30E-04	3.31E-04	1.10E-04	2.58E-04	5.30E-05
776	625030.66	4265616.24	1.66E-03	5.70E-04	1.39E-03	4.27E-04	3.28E-04	1.09E-04	2.56E-04	5.26E-05
777	625034.18	4265625.14	1.64E-03	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.53E-04	5.21E-05
778	625037.71	4265634.05	1.63E-03	5.59E-04	1.36E-03	4.19E-04	3.22E-04	1.07E-04	2.51E-04	5.16E-05
779	625041.24	4265642.96	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
780	625044.76	4265651.87	1.59E-03	5.46E-04	1.33E-03	4.09E-04	3.14E-04	1.05E-04	2.45E-04	5.04E-05
781	625048.29	4265660.78	1.57E-03	5.39E-04	1.31E-03	4.04E-04	3.10E-04	1.03E-04	2.42E-04	4.97E-05
782	625051.82	4265669.69	1.55E-03	5.31E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.38E-04	4.90E-05
783	624858.14	4265475.33	2.18E-03	7.50E-04	1.82E-03	5.62E-04	4.32E-04	1.44E-04	3.37E-04	6.93E-05
784	624848.23	4265475.19	2.21E-03	7.60E-04	1.85E-03	5.69E-04	4.38E-04	1.46E-04	3.41E-04	7.02E-05
785	624838.33	4265475.05	2.24E-03	7.70E-04	1.87E-03	5.76E-04	4.43E-04	1.48E-04	3.45E-04	7.11E-05
786	624828.42	4265474.92	2.26E-03	7.79E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04	7.19E-05
787	624818.51	4265474.78	2.29E-03	7.87E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04	7.26E-05
788	624808.6	4265474.64	2.31E-03	7.94E-04	1.93E-03	5.95E-04	4.57E-04	1.52E-04	3.56E-04	7.33E-05
789	624798.69	4265474.5	2.33E-03	8.00E-04	1.95E-03	5.99E-04	4.61E-04	1.53E-04	3.59E-04	7.39E-05
790	624788.78	4265474.37	2.34E-03	8.06E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.62E-04	7.44E-05
791	624778.87	4265474.23	2.36E-03	8.10E-04	1.97E-03	6.07E-04	4.66E-04	1.55E-04	3.63E-04	7.48E-05

792	624768.96	4265474.09	2.37E-03	8.13E-04	1.98E-03	6.09E-04	4.68E-04	1.56E-04	3.65E-04	7.51E-05
793	624759.06	4265473.96	2.37E-03	8.16E-04	1.98E-03	6.11E-04	4.70E-04	1.56E-04	3.66E-04	7.53E-05
794	624749.15	4265473.82	2.38E-03	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.57E-04	3.67E-04	7.54E-05
795	624739.24	4265473.68	2.38E-03	8.18E-04	1.99E-03	6.12E-04	4.71E-04	1.57E-04	3.67E-04	7.55E-05
796	624729.33	4265473.54	2.38E-03	8.18E-04	1.99E-03	6.12E-04	4.71E-04	1.57E-04	3.67E-04	7.55E-05
797	624719.42	4265473.41	2.38E-03	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.56E-04	3.67E-04	7.54E-05
798	624709.51	4265473.27	2.37E-03	8.15E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.66E-04	7.52E-05
799	624699.6	4265473.13	2.37E-03	8.13E-04	1.98E-03	6.09E-04	4.68E-04	1.56E-04	3.65E-04	7.51E-05
800	624689.69	4265472.99	2.36E-03	8.11E-04	1.97E-03	6.07E-04	4.67E-04	1.55E-04	3.64E-04	7.48E-05
801	624679.78	4265472.86	2.35E-03	8.07E-04	1.96E-03	6.05E-04	4.65E-04	1.55E-04	3.62E-04	7.45E-05
802	624669.88	4265472.72	2.34E-03	8.03E-04	1.95E-03	6.02E-04	4.62E-04	1.54E-04	3.61E-04	7.41E-05
803	624659.97	4265472.58	2.32E-03	7.99E-04	1.94E-03	5.98E-04	4.60E-04	1.53E-04	3.58E-04	7.37E-05
804	624650.06	4265472.44	2.31E-03	7.93E-04	1.93E-03	5.94E-04	4.57E-04	1.52E-04	3.56E-04	7.32E-05
805	624640.15	4265472.31	2.29E-03	7.87E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04	7.26E-05
806	624630.24	4265472.17	2.27E-03	7.80E-04	1.90E-03	5.84E-04	4.49E-04	1.49E-04	3.50E-04	7.20E-05
807	624620.33	4265472.03	2.24E-03	7.71E-04	1.87E-03	5.77E-04	4.44E-04	1.48E-04	3.46E-04	7.12E-05
808	624610.42	4265471.89	2.22E-03	7.62E-04	1.85E-03	5.70E-04	4.39E-04	1.46E-04	3.42E-04	7.03E-05
809	624600.51	4265471.76	2.19E-03	7.51E-04	1.83E-03	5.63E-04	4.33E-04	1.44E-04	3.37E-04	6.93E-05
810	624590.61	4265471.62	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04	6.83E-05
811	624580.7	4265471.48	2.12E-03	7.28E-04	1.77E-03	5.45E-04	4.19E-04	1.39E-04	3.27E-04	6.72E-05
812	624570.79	4265471.34	2.08E-03	7.15E-04	1.74E-03	5.35E-04	4.12E-04	1.37E-04	3.21E-04	6.60E-05
813	624560.88	4265471.21	2.04E-03	7.01E-04	1.70E-03	5.25E-04	4.04E-04	1.34E-04	3.15E-04	6.47E-05
814	624550.97	4265471.07	2.00E-03	6.86E-04	1.67E-03	5.14E-04	3.95E-04	1.32E-04	3.08E-04	6.34E-05
815	624541.06	4265470.93	1.95E-03	6.71E-04	1.63E-03	5.02E-04	3.86E-04	1.29E-04	3.01E-04	6.19E-05
816	624531.15	4265470.8	1.91E-03	6.55E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
817	624521.24	4265470.66	1.86E-03	6.39E-04	1.55E-03	4.79E-04	3.68E-04	1.22E-04	2.87E-04	5.90E-05
818	624511.34	4265470.52	1.81E-03	6.23E-04	1.51E-03	4.66E-04	3.58E-04	1.19E-04	2.79E-04	5.75E-05
819	624501.43	4265470.38	1.76E-03	6.06E-04	1.47E-03	4.54E-04	3.49E-04	1.16E-04	2.72E-04	5.59E-05
820	624491.52	4265470.25	1.71E-03	5.89E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04	5.44E-05
821	624481.61	4265470.11	1.67E-03	5.73E-04	1.39E-03	4.29E-04	3.30E-04	1.10E-04	2.57E-04	5.29E-05
822	624471.7	4265469.97	1.62E-03	5.56E-04	1.35E-03	4.16E-04	3.20E-04	1.07E-04	2.50E-04	5.13E-05
823	624461.79	4265469.83	1.57E-03	5.40E-04	1.31E-03	4.04E-04	3.11E-04	1.03E-04	2.42E-04	4.98E-05
824	624451.88	4265469.7	1.52E-03	5.24E-04	1.27E-03	3.93E-04	3.02E-04	1.00E-04	2.35E-04	4.84E-05
825	624441.97	4265469.56	1.48E-03	5.09E-04	1.24E-03	3.81E-04	2.93E-04	9.76E-05	2.28E-04	4.70E-05
826	624432.06	4265469.42	1.44E-03	4.94E-04	1.20E-03	3.70E-04	2.85E-04	9.47E-05	2.22E-04	4.56E-05
827	624422.16	4265469.28	1.40E-03	4.80E-04	1.17E-03	3.59E-04	2.76E-04	9.20E-05	2.15E-04	4.43E-05
828	624412.25	4265469.15	1.36E-03	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.93E-05	2.09E-04	4.30E-05
829	624402.34	4265469.01	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04	4.18E-05
830	624392.43	4265468.87	1.28E-03	4.40E-04	1.07E-03	3.30E-04	2.53E-04	8.43E-05	1.97E-04	4.06E-05
831	624382.52	4265468.73	1.24E-03	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.19E-05	1.92E-04	3.95E-05
832	624372.61	4265468.6	1.21E-03	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.96E-05	1.86E-04	3.83E-05
833	624362.7	4265468.46	1.17E-03	4.03E-04	9.81E-04	3.02E-04	2.32E-04	7.73E-05	1.81E-04	3.72E-05
834	624867.29	4265454.13	2.01E-03	6.91E-04	1.68E-03	5.17E-04	3.98E-04	1.32E-04	3.10E-04	6.37E-05
835	624876.09	4265457.92	2.01E-03	6.90E-04	1.68E-03	5.17E-04	3.97E-04	1.32E-04	3.10E-04	6.37E-05
836	624884.89	4265461.72	2.00E-03	6.89E-04	1.67E-03	5.16E-04	3.97E-04	1.32E-04	3.09E-04	6.36E-05
837	624893.68	4265465.51	2.00E-03	6.87E-04	1.67E-03	5.14E-04	3.95E-04	1.32E-04	3.08E-04	6.34E-05
838	624902.48	4265469.31	1.99E-03	6.83E-04	1.66E-03	5.11E-04	3.93E-04	1.31E-04	3.06E-04	6.30E-05
839	624911.28	4265473.1	1.97E-03	6.78E-04	1.65E-03	5.07E-04	3.90E-04	1.30E-04	3.04E-04	6.25E-05
840	624920.08	4265476.9	1.95E-03	6.71E-04	1.63E-03	5.03E-04	3.86E-04	1.29E-04	3.01E-04	6.20E-05
841	624928.88	4265480.69	1.93E-03	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04	6.12E-05
842	624937.68	4265484.49	1.90E-03	6.55E-04	1.59E-03	4.90E-04	3.77E-04	1.25E-04	2.94E-04	6.04E-05
843	624946.47	4265488.28	1.87E-03	6.45E-04	1.57E-03	4.83E-04	3.71E-04	1.24E-04	2.89E-04	5.95E-05
844	624955.27	4265492.08	1.84E-03	6.34E-04	1.54E-03	4.74E-04	3.65E-04	1.21E-04	2.84E-04	5.85E-05

845	624964.07	4265495.87	1.81E-03	6.22E-04	1.51E-03	4.65E-04	3.58E-04	1.19E-04	2.79E-04	5.74E-05
846	624972.87	4265499.67	1.77E-03	6.09E-04	1.48E-03	4.56E-04	3.51E-04	1.17E-04	2.73E-04	5.62E-05
847	624981.67	4265503.46	1.73E-03	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04	5.50E-05
848	624990.47	4265507.26	1.69E-03	5.82E-04	1.42E-03	4.36E-04	3.35E-04	1.12E-04	2.61E-04	5.37E-05
849	624999.27	4265511.05	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
850	625008.06	4265514.85	1.61E-03	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04	5.12E-05
851	625020.39	4265527.55	1.57E-03	5.40E-04	1.31E-03	4.04E-04	3.11E-04	1.03E-04	2.42E-04	4.98E-05
852	625023.92	4265536.46	1.57E-03	5.39E-04	1.31E-03	4.04E-04	3.10E-04	1.03E-04	2.42E-04	4.98E-05
853	625027.44	4265545.37	1.56E-03	5.38E-04	1.31E-03	4.03E-04	3.10E-04	1.03E-04	2.41E-04	4.96E-05
854	625030.97	4265554.28	1.56E-03	5.36E-04	1.30E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04	4.95E-05
855	625034.5	4265563.19	1.55E-03	5.34E-04	1.30E-03	4.00E-04	3.08E-04	1.02E-04	2.40E-04	4.93E-05
856	625038.02	4265572.1	1.55E-03	5.32E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.39E-04	4.91E-05
857	625041.55	4265581.01	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
858	625045.07	4265589.92	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
859	625048.6	4265598.83	1.52E-03	5.22E-04	1.27E-03	3.90E-04	3.00E-04	9.99E-05	2.34E-04	4.81E-05
860	625052.13	4265607.74	1.50E-03	5.17E-04	1.26E-03	3.87E-04	2.98E-04	9.91E-05	2.32E-04	4.77E-05
861	625055.65	4265616.65	1.49E-03	5.13E-04	1.25E-03	3.84E-04	2.95E-04	9.82E-05	2.30E-04	4.73E-05
862	625059.18	4265625.56	1.48E-03	5.07E-04	1.23E-03	3.80E-04	2.92E-04	9.72E-05	2.28E-04	4.68E-05
863	625062.71	4265634.47	1.46E-03	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.61E-05	2.25E-04	4.63E-05
864	625066.23	4265643.38	1.44E-03	4.96E-04	1.21E-03	3.71E-04	2.85E-04	9.50E-05	2.22E-04	4.58E-05
865	625069.76	4265652.29	1.42E-03	4.89E-04	1.19E-03	3.66E-04	2.82E-04	9.38E-05	2.20E-04	4.52E-05
866	625073.29	4265661.19	1.40E-03	4.83E-04	1.17E-03	3.62E-04	2.78E-04	9.25E-05	2.17E-04	4.46E-05
867	625076.81	4265670.1	1.38E-03	4.76E-04	1.16E-03	3.56E-04	2.74E-04	9.12E-05	2.14E-04	4.39E-05
868	624858.49	4265450.33	2.01E-03	6.90E-04	1.68E-03	5.17E-04	3.97E-04	1.32E-04	3.10E-04	6.37E-05
869	624848.58	4265450.19	2.03E-03	6.98E-04	1.70E-03	5.23E-04	4.02E-04	1.34E-04	3.13E-04	6.44E-05
870	624838.67	4265450.06	2.05E-03	7.06E-04	1.72E-03	5.29E-04	4.06E-04	1.35E-04	3.17E-04	6.52E-05
871	624828.76	4265449.92	2.07E-03	7.13E-04	1.73E-03	5.34E-04	4.10E-04	1.37E-04	3.20E-04	6.58E-05
872	624818.85	4265449.78	2.09E-03	7.19E-04	1.75E-03	5.39E-04	4.14E-04	1.38E-04	3.23E-04	6.64E-05
873	624808.95	4265449.64	2.11E-03	7.25E-04	1.76E-03	5.43E-04	4.17E-04	1.39E-04	3.25E-04	6.69E-05
874	624799.04	4265449.51	2.12E-03	7.30E-04	1.77E-03	5.47E-04	4.20E-04	1.40E-04	3.28E-04	6.74E-05
875	624789.13	4265449.37	2.14E-03	7.34E-04	1.78E-03	5.50E-04	4.23E-04	1.41E-04	3.30E-04	6.78E-05
876	624779.22	4265449.23	2.15E-03	7.38E-04	1.79E-03	5.52E-04	4.25E-04	1.41E-04	3.31E-04	6.81E-05
877	624769.31	4265449.1	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04	6.83E-05
878	624759.4	4265448.96	2.16E-03	7.41E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04	6.84E-05
879	624749.49	4265448.82	2.16E-03	7.42E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04	6.85E-05
880	624739.58	4265448.68	2.16E-03	7.41E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04	6.84E-05
881	624729.68	4265448.55	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04	6.83E-05
882	624719.77	4265448.41	2.15E-03	7.38E-04	1.79E-03	5.53E-04	4.25E-04	1.41E-04	3.31E-04	6.81E-05
883	624709.86	4265448.27	2.14E-03	7.36E-04	1.79E-03	5.51E-04	4.23E-04	1.41E-04	3.30E-04	6.79E-05
884	624699.95	4265448.13	2.13E-03	7.33E-04	1.78E-03	5.49E-04	4.22E-04	1.40E-04	3.29E-04	6.76E-05
885	624690.04	4265448	2.12E-03	7.29E-04	1.77E-03	5.46E-04	4.20E-04	1.40E-04	3.27E-04	6.73E-05
886	624680.13	4265447.86	2.11E-03	7.25E-04	1.76E-03	5.43E-04	4.18E-04	1.39E-04	3.25E-04	6.69E-05
887	624670.22	4265447.72	2.10E-03	7.21E-04	1.75E-03	5.40E-04	4.15E-04	1.38E-04	3.23E-04	6.65E-05
888	624660.31	4265447.58	2.08E-03	7.16E-04	1.74E-03	5.36E-04	4.12E-04	1.37E-04	3.21E-04	6.60E-05
889	624650.4	4265447.45	2.06E-03	7.10E-04	1.73E-03	5.31E-04	4.09E-04	1.36E-04	3.19E-04	6.55E-05
890	624640.5	4265447.31	2.05E-03	7.03E-04	1.71E-03	5.27E-04	4.05E-04	1.35E-04	3.16E-04	6.49E-05
891	624630.59	4265447.17	2.02E-03	6.96E-04	1.69E-03	5.21E-04	4.01E-04	1.33E-04	3.12E-04	6.43E-05
892	624620.68	4265447.03	2.00E-03	6.88E-04	1.67E-03	5.15E-04	3.96E-04	1.32E-04	3.09E-04	6.35E-05
893	624610.77	4265446.9	1.98E-03	6.80E-04	1.65E-03	5.09E-04	3.91E-04	1.30E-04	3.05E-04	6.27E-05
894	624600.86	4265446.76	1.95E-03	6.70E-04	1.63E-03	5.02E-04	3.86E-04	1.28E-04	3.01E-04	6.18E-05
895	624590.95	4265446.62	1.92E-03	6.59E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
896	624581.04	4265446.48	1.89E-03	6.49E-04	1.58E-03	4.86E-04	3.73E-04	1.24E-04	2.91E-04	5.99E-05
897	624571.13	4265446.35	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05

898	624561.23	4265446.21	1.82E-03	6.25E-04	1.52E-03	4.68E-04	3.60E-04	1.20E-04	2.80E-04	5.76E-05
899	624551.32	4265446.07	1.78E-03	6.12E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.74E-04	5.64E-05
900	624541.41	4265445.93	1.74E-03	5.98E-04	1.45E-03	4.48E-04	3.44E-04	1.15E-04	2.68E-04	5.52E-05
901	624531.5	4265445.8	1.70E-03	5.84E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.39E-05
902	624521.59	4265445.66	1.66E-03	5.70E-04	1.39E-03	4.27E-04	3.28E-04	1.09E-04	2.56E-04	5.26E-05
903	624511.68	4265445.52	1.62E-03	5.57E-04	1.35E-03	4.17E-04	3.20E-04	1.07E-04	2.50E-04	5.14E-05
904	624501.77	4265445.39	1.58E-03	5.43E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.01E-05
905	624491.86	4265445.25	1.54E-03	5.29E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
906	624481.96	4265445.11	1.50E-03	5.15E-04	1.25E-03	3.85E-04	2.96E-04	9.86E-05	2.31E-04	4.75E-05
907	624472.05	4265444.97	1.46E-03	5.01E-04	1.22E-03	3.75E-04	2.88E-04	9.60E-05	2.25E-04	4.62E-05
908	624462.14	4265444.84	1.42E-03	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.35E-05	2.19E-04	4.50E-05
909	624452.23	4265444.7	1.38E-03	4.75E-04	1.15E-03	3.56E-04	2.74E-04	9.10E-05	2.13E-04	4.39E-05
910	624442.32	4265444.56	1.35E-03	4.63E-04	1.12E-03	3.46E-04	2.66E-04	8.87E-05	2.08E-04	4.27E-05
911	624432.41	4265444.42	1.31E-03	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.64E-05	2.02E-04	4.16E-05
912	624422.5	4265444.29	1.28E-03	4.39E-04	1.07E-03	3.29E-04	2.53E-04	8.41E-05	1.97E-04	4.05E-05
913	624412.59	4265444.15	1.24E-03	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.19E-05	1.92E-04	3.95E-05
914	624402.68	4265444.01	1.21E-03	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04	3.84E-05
915	624392.78	4265443.87	1.18E-03	4.06E-04	9.86E-04	3.04E-04	2.33E-04	7.77E-05	1.82E-04	3.74E-05
916	624382.87	4265443.74	1.15E-03	3.95E-04	9.60E-04	2.96E-04	2.27E-04	7.57E-05	1.77E-04	3.64E-05
917	624372.96	4265443.6	1.12E-03	3.85E-04	9.35E-04	2.88E-04	2.21E-04	7.37E-05	1.73E-04	3.55E-05
918	624363.05	4265443.46	1.09E-03	3.74E-04	9.10E-04	2.80E-04	2.16E-04	7.18E-05	1.68E-04	3.46E-05
919	624867.63	4265429.13	1.86E-03	6.38E-04	1.55E-03	4.78E-04	3.67E-04	1.22E-04	2.86E-04	5.89E-05
920	624876.43	4265432.92	1.86E-03	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04	5.89E-05
921	624885.23	4265436.72	1.86E-03	6.38E-04	1.55E-03	4.78E-04	3.67E-04	1.22E-04	2.86E-04	5.89E-05
922	624894.03	4265440.51	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
923	624902.83	4265444.31	1.85E-03	6.35E-04	1.54E-03	4.75E-04	3.65E-04	1.22E-04	2.85E-04	5.86E-05
924	624911.63	4265448.1	1.84E-03	6.32E-04	1.54E-03	4.73E-04	3.64E-04	1.21E-04	2.83E-04	5.83E-05
925	624920.43	4265451.9	1.82E-03	6.27E-04	1.52E-03	4.70E-04	3.61E-04	1.20E-04	2.81E-04	5.79E-05
926	624929.22	4265455.69	1.81E-03	6.22E-04	1.51E-03	4.66E-04	3.58E-04	1.19E-04	2.79E-04	5.74E-05
927	624938.02	4265459.49	1.79E-03	6.15E-04	1.50E-03	4.61E-04	3.54E-04	1.18E-04	2.76E-04	5.68E-05
928	624946.82	4265463.28	1.77E-03	6.08E-04	1.48E-03	4.55E-04	3.50E-04	1.16E-04	2.73E-04	5.61E-05
929	624955.62	4265467.08	1.74E-03	5.99E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.53E-05
930	624964.42	4265470.87	1.71E-03	5.90E-04	1.43E-03	4.42E-04	3.39E-04	1.13E-04	2.65E-04	5.44E-05
931	624973.22	4265474.67	1.69E-03	5.79E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04	5.35E-05
932	624982.02	4265478.46	1.65E-03	5.68E-04	1.38E-03	4.26E-04	3.27E-04	1.09E-04	2.55E-04	5.25E-05
933	624990.81	4265482.26	1.62E-03	5.57E-04	1.35E-03	4.17E-04	3.21E-04	1.07E-04	2.50E-04	5.14E-05
934	624999.61	4265486.05	1.59E-03	5.45E-04	1.33E-03	4.08E-04	3.14E-04	1.04E-04	2.45E-04	5.03E-05
935	625008.41	4265489.85	1.55E-03	5.33E-04	1.30E-03	3.99E-04	3.07E-04	1.02E-04	2.39E-04	4.92E-05
936	625017.21	4265493.64	1.51E-03	5.21E-04	1.27E-03	3.90E-04	3.00E-04	9.98E-05	2.34E-04	4.81E-05
937	625026.01	4265497.44	1.48E-03	5.08E-04	1.24E-03	3.81E-04	2.93E-04	9.74E-05	2.28E-04	4.69E-05
938	625038.33	4265510.14	1.44E-03	4.96E-04	1.20E-03	3.71E-04	2.85E-04	9.49E-05	2.22E-04	4.57E-05
939	625041.86	4265519.05	1.44E-03	4.95E-04	1.20E-03	3.70E-04	2.85E-04	9.48E-05	2.22E-04	4.57E-05
940	625045.39	4265527.96	1.44E-03	4.94E-04	1.20E-03	3.70E-04	2.84E-04	9.46E-05	2.21E-04	4.55E-05
941	625048.91	4265536.87	1.43E-03	4.92E-04	1.20E-03	3.68E-04	2.83E-04	9.43E-05	2.21E-04	4.54E-05
942	625052.44	4265545.78	1.43E-03	4.90E-04	1.19E-03	3.67E-04	2.82E-04	9.39E-05	2.20E-04	4.52E-05
943	625055.97	4265554.69	1.42E-03	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.35E-05	2.19E-04	4.50E-05
944	625059.49	4265563.6	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.30E-05	2.18E-04	4.48E-05
945	625063.02	4265572.51	1.40E-03	4.83E-04	1.17E-03	3.61E-04	2.78E-04	9.25E-05	2.17E-04	4.45E-05
946	625066.55	4265581.42	1.39E-03	4.79E-04	1.17E-03	3.59E-04	2.76E-04	9.18E-05	2.15E-04	4.42E-05
947	625070.07	4265590.33	1.38E-03	4.76E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04	4.39E-05
948	625073.6	4265599.24	1.37E-03	4.72E-04	1.15E-03	3.53E-04	2.72E-04	9.04E-05	2.12E-04	4.35E-05
949	625077.12	4265608.15	1.36E-03	4.67E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04	4.31E-05
950	625080.65	4265617.06	1.35E-03	4.63E-04	1.12E-03	3.47E-04	2.66E-04	8.87E-05	2.08E-04	4.27E-05

951	625084.18	4265625.97	1.33E-03	4.58E-04	1.11E-03	3.43E-04	2.64E-04	8.77E-05	2.05E-04	4.23E-05
952	625087.7	4265634.88	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.67E-05	2.03E-04	4.18E-05
953	625091.23	4265643.79	1.30E-03	4.47E-04	1.09E-03	3.35E-04	2.57E-04	8.56E-05	2.01E-04	4.13E-05
954	625094.76	4265652.7	1.28E-03	4.41E-04	1.07E-03	3.30E-04	2.54E-04	8.45E-05	1.98E-04	4.07E-05
955	625098.28	4265661.61	1.27E-03	4.35E-04	1.06E-03	3.26E-04	2.50E-04	8.34E-05	1.95E-04	4.02E-05
956	625101.81	4265670.52	1.25E-03	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.92E-04	3.96E-05
957	624858.84	4265425.33	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
958	624848.93	4265425.2	1.87E-03	6.44E-04	1.57E-03	4.82E-04	3.71E-04	1.23E-04	2.89E-04	5.94E-05
959	624839.02	4265425.06	1.89E-03	6.50E-04	1.58E-03	4.87E-04	3.74E-04	1.25E-04	2.92E-04	6.00E-05
960	624829.11	4265424.92	1.91E-03	6.56E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
961	624819.2	4265424.78	1.92E-03	6.61E-04	1.61E-03	4.95E-04	3.80E-04	1.27E-04	2.97E-04	6.10E-05
962	624809.29	4265424.65	1.94E-03	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.99E-04	6.14E-05
963	624799.38	4265424.51	1.95E-03	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.18E-05
964	624789.47	4265424.37	1.96E-03	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.02E-04	6.21E-05
965	624779.57	4265424.23	1.96E-03	6.75E-04	1.64E-03	5.05E-04	3.88E-04	1.29E-04	3.03E-04	6.23E-05
966	624769.66	4265424.1	1.97E-03	6.76E-04	1.64E-03	5.06E-04	3.89E-04	1.30E-04	3.03E-04	6.24E-05
967	624759.75	4265423.96	1.97E-03	6.77E-04	1.64E-03	5.07E-04	3.90E-04	1.30E-04	3.04E-04	6.25E-05
968	624749.84	4265423.82	1.97E-03	6.76E-04	1.64E-03	5.06E-04	3.89E-04	1.30E-04	3.04E-04	6.24E-05
969	624739.93	4265423.69	1.96E-03	6.75E-04	1.64E-03	5.05E-04	3.89E-04	1.29E-04	3.03E-04	6.23E-05
970	624730.02	4265423.55	1.96E-03	6.73E-04	1.64E-03	5.04E-04	3.87E-04	1.29E-04	3.02E-04	6.21E-05
971	624720.11	4265423.41	1.95E-03	6.70E-04	1.63E-03	5.02E-04	3.86E-04	1.28E-04	3.01E-04	6.19E-05
972	624710.2	4265423.27	1.94E-03	6.67E-04	1.62E-03	5.00E-04	3.84E-04	1.28E-04	2.99E-04	6.16E-05
973	624700.3	4265423.14	1.93E-03	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04	6.13E-05
974	624690.39	4265423	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
975	624680.48	4265422.86	1.91E-03	6.55E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
976	624670.57	4265422.72	1.89E-03	6.50E-04	1.58E-03	4.87E-04	3.74E-04	1.25E-04	2.92E-04	6.00E-05
977	624660.66	4265422.59	1.88E-03	6.45E-04	1.57E-03	4.83E-04	3.71E-04	1.24E-04	2.89E-04	5.95E-05
978	624650.75	4265422.45	1.86E-03	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04	5.90E-05
979	624640.84	4265422.31	1.84E-03	6.32E-04	1.54E-03	4.74E-04	3.64E-04	1.21E-04	2.84E-04	5.84E-05
980	624630.93	4265422.17	1.82E-03	6.26E-04	1.52E-03	4.68E-04	3.60E-04	1.20E-04	2.81E-04	5.77E-05
981	624621.03	4265422.04	1.80E-03	6.18E-04	1.50E-03	4.63E-04	3.56E-04	1.18E-04	2.77E-04	5.70E-05
982	624611.12	4265421.9	1.77E-03	6.10E-04	1.48E-03	4.57E-04	3.51E-04	1.17E-04	2.74E-04	5.63E-05
983	624601.21	4265421.76	1.75E-03	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
984	624591.3	4265421.62	1.72E-03	5.91E-04	1.44E-03	4.43E-04	3.40E-04	1.13E-04	2.65E-04	5.46E-05
985	624581.39	4265421.49	1.69E-03	5.82E-04	1.41E-03	4.35E-04	3.35E-04	1.11E-04	2.61E-04	5.37E-05
986	624571.48	4265421.35	1.66E-03	5.71E-04	1.39E-03	4.28E-04	3.29E-04	1.09E-04	2.56E-04	5.27E-05
987	624561.57	4265421.21	1.63E-03	5.60E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.51E-04	5.17E-05
988	624551.66	4265421.07	1.60E-03	5.49E-04	1.33E-03	4.11E-04	3.16E-04	1.05E-04	2.46E-04	5.07E-05
989	624541.75	4265420.94	1.56E-03	5.37E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04	4.96E-05
990	624531.85	4265420.8	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
991	624521.94	4265420.66	1.49E-03	5.14E-04	1.25E-03	3.84E-04	2.96E-04	9.84E-05	2.30E-04	4.74E-05
992	624512.03	4265420.53	1.46E-03	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.61E-05	2.25E-04	4.63E-05
993	624502.12	4265420.39	1.42E-03	4.90E-04	1.19E-03	3.67E-04	2.82E-04	9.39E-05	2.20E-04	4.52E-05
994	624492.21	4265420.25	1.39E-03	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.15E-04	4.41E-05
995	624482.3	4265420.11	1.36E-03	4.67E-04	1.13E-03	3.50E-04	2.69E-04	8.94E-05	2.09E-04	4.31E-05
996	624472.39	4265419.98	1.32E-03	4.56E-04	1.11E-03	3.41E-04	2.62E-04	8.73E-05	2.04E-04	4.20E-05
997	624462.48	4265419.84	1.29E-03	4.45E-04	1.08E-03	3.33E-04	2.56E-04	8.52E-05	2.00E-04	4.10E-05
998	624452.58	4265419.7	1.26E-03	4.34E-04	1.06E-03	3.25E-04	2.50E-04	8.32E-05	1.95E-04	4.01E-05
999	624442.67	4265419.56	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1000	624432.76	4265419.43	1.20E-03	4.14E-04	1.01E-03	3.10E-04	2.38E-04	7.93E-05	1.86E-04	3.82E-05
1001	624422.85	4265419.29	1.17E-03	4.04E-04	9.82E-04	3.02E-04	2.33E-04	7.74E-05	1.81E-04	3.73E-05
1002	624412.94	4265419.15	1.15E-03	3.94E-04	9.58E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04	3.64E-05
1003	624403.03	4265419.01	1.12E-03	3.85E-04	9.35E-04	2.88E-04	2.22E-04	7.37E-05	1.73E-04	3.55E-05

1004	624393.12	4265418.88	1.09E-03	3.76E-04	9.13E-04	2.81E-04	2.16E-04	7.20E-05	1.69E-04	3.47E-05
1005	624383.21	4265418.74	1.07E-03	3.66E-04	8.91E-04	2.74E-04	2.11E-04	7.02E-05	1.64E-04	3.38E-05
1006	624373.31	4265418.6	1.04E-03	3.58E-04	8.69E-04	2.68E-04	2.06E-04	6.85E-05	1.60E-04	3.30E-05
1007	624363.4	4265418.46	1.01E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
1008	624867.98	4265404.13	1.72E-03	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04	5.46E-05
1009	624876.78	4265407.93	1.72E-03	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
1010	624885.58	4265411.72	1.73E-03	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
1011	624894.38	4265415.52	1.72E-03	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
1012	624903.18	4265419.31	1.72E-03	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.65E-04	5.46E-05
1013	624911.97	4265423.11	1.71E-03	5.90E-04	1.43E-03	4.42E-04	3.39E-04	1.13E-04	2.65E-04	5.44E-05
1014	624920.77	4265426.9	1.71E-03	5.87E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04	5.42E-05
1015	624929.57	4265430.7	1.70E-03	5.83E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.38E-05
1016	624938.37	4265434.49	1.68E-03	5.78E-04	1.41E-03	4.33E-04	3.33E-04	1.11E-04	2.60E-04	5.34E-05
1017	624947.17	4265438.29	1.67E-03	5.73E-04	1.39E-03	4.29E-04	3.30E-04	1.10E-04	2.57E-04	5.29E-05
1018	624955.97	4265442.08	1.65E-03	5.66E-04	1.38E-03	4.24E-04	3.26E-04	1.08E-04	2.54E-04	5.23E-05
1019	624964.77	4265445.88	1.63E-03	5.59E-04	1.36E-03	4.18E-04	3.22E-04	1.07E-04	2.51E-04	5.16E-05
1020	624973.56	4265449.67	1.60E-03	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.06E-04	2.47E-04	5.08E-05
1021	624982.36	4265453.47	1.58E-03	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
1022	624991.16	4265457.26	1.55E-03	5.32E-04	1.29E-03	3.99E-04	3.06E-04	1.02E-04	2.39E-04	4.91E-05
1023	624999.96	4265461.06	1.52E-03	5.22E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.34E-04	4.82E-05
1024	625008.76	4265464.85	1.49E-03	5.12E-04	1.24E-03	3.83E-04	2.95E-04	9.81E-05	2.30E-04	4.72E-05
1025	625017.56	4265468.65	1.46E-03	5.01E-04	1.22E-03	3.75E-04	2.89E-04	9.60E-05	2.25E-04	4.63E-05
1026	625026.36	4265472.44	1.43E-03	4.90E-04	1.19E-03	3.67E-04	2.82E-04	9.40E-05	2.20E-04	4.53E-05
1027	625035.15	4265476.24	1.39E-03	4.79E-04	1.17E-03	3.59E-04	2.76E-04	9.19E-05	2.15E-04	4.42E-05
1028	625043.95	4265480.03	1.36E-03	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04	4.32E-05
1029	625056.28	4265492.74	1.33E-03	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04	4.22E-05
1030	625059.8	4265501.65	1.33E-03	4.56E-04	1.11E-03	3.41E-04	2.62E-04	8.74E-05	2.05E-04	4.21E-05
1031	625063.33	4265510.56	1.32E-03	4.55E-04	1.11E-03	3.41E-04	2.62E-04	8.72E-05	2.04E-04	4.20E-05
1032	625066.86	4265519.46	1.32E-03	4.53E-04	1.10E-03	3.40E-04	2.61E-04	8.69E-05	2.03E-04	4.19E-05
1033	625070.38	4265528.37	1.31E-03	4.52E-04	1.10E-03	3.38E-04	2.60E-04	8.66E-05	2.03E-04	4.17E-05
1034	625073.91	4265537.28	1.31E-03	4.50E-04	1.09E-03	3.37E-04	2.59E-04	8.62E-05	2.02E-04	4.15E-05
1035	625077.44	4265546.19	1.30E-03	4.48E-04	1.09E-03	3.35E-04	2.58E-04	8.58E-05	2.01E-04	4.13E-05
1036	625080.96	4265555.1	1.29E-03	4.45E-04	1.08E-03	3.33E-04	2.56E-04	8.53E-05	2.00E-04	4.11E-05
1037	625084.49	4265564.01	1.29E-03	4.42E-04	1.08E-03	3.31E-04	2.55E-04	8.48E-05	1.98E-04	4.08E-05
1038	625088.02	4265572.92	1.28E-03	4.39E-04	1.07E-03	3.29E-04	2.53E-04	8.42E-05	1.97E-04	4.05E-05
1039	625091.54	4265581.83	1.27E-03	4.36E-04	1.06E-03	3.26E-04	2.51E-04	8.35E-05	1.96E-04	4.02E-05
1040	625095.07	4265590.74	1.26E-03	4.32E-04	1.05E-03	3.24E-04	2.49E-04	8.28E-05	1.94E-04	3.99E-05
1041	625098.59	4265599.65	1.25E-03	4.28E-04	1.04E-03	3.21E-04	2.47E-04	8.21E-05	1.92E-04	3.95E-05
1042	625102.12	4265608.56	1.23E-03	4.24E-04	1.03E-03	3.18E-04	2.44E-04	8.13E-05	1.90E-04	3.92E-05
1043	625105.65	4265617.47	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
1044	625109.17	4265626.38	1.21E-03	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04	3.83E-05
1045	625112.7	4265635.29	1.19E-03	4.10E-04	9.97E-04	3.07E-04	2.36E-04	7.86E-05	1.84E-04	3.79E-05
1046	625116.23	4265644.2	1.18E-03	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
1047	625119.75	4265653.11	1.16E-03	4.00E-04	9.72E-04	2.99E-04	2.30E-04	7.66E-05	1.79E-04	3.69E-05
1048	625123.28	4265662.02	1.15E-03	3.94E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04	3.64E-05
1049	625126.81	4265670.93	1.13E-03	3.89E-04	9.45E-04	2.91E-04	2.24E-04	7.45E-05	1.74E-04	3.59E-05
1050	624859.18	4265400.34	1.72E-03	5.91E-04	1.44E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04	5.45E-05
1051	624849.27	4265400.2	1.73E-03	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04	5.50E-05
1052	624839.37	4265400.06	1.75E-03	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
1053	624829.46	4265399.92	1.76E-03	6.05E-04	1.47E-03	4.53E-04	3.48E-04	1.16E-04	2.72E-04	5.59E-05
1054	624819.55	4265399.79	1.77E-03	6.09E-04	1.48E-03	4.56E-04	3.51E-04	1.17E-04	2.73E-04	5.62E-05
1055	624809.64	4265399.65	1.78E-03	6.13E-04	1.49E-03	4.59E-04	3.53E-04	1.17E-04	2.75E-04	5.66E-05
1056	624799.73	4265399.51	1.79E-03	6.16E-04	1.50E-03	4.61E-04	3.55E-04	1.18E-04	2.76E-04	5.68E-05

1057	624789.82	4265399.37	1.80E-03	6.18E-04	1.50E-03	4.63E-04	3.56E-04	1.18E-04	2.77E-04	5.70E-05
1058	624779.91	4265399.24	1.80E-03	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.72E-05
1059	624770	4265399.1	1.80E-03	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.73E-05
1060	624760.09	4265398.96	1.80E-03	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.72E-05
1061	624750.19	4265398.83	1.80E-03	6.19E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.72E-05
1062	624740.28	4265398.69	1.80E-03	6.18E-04	1.50E-03	4.62E-04	3.55E-04	1.18E-04	2.77E-04	5.70E-05
1063	624730.37	4265398.55	1.79E-03	6.15E-04	1.49E-03	4.60E-04	3.54E-04	1.18E-04	2.76E-04	5.68E-05
1064	624720.46	4265398.41	1.78E-03	6.12E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.75E-04	5.65E-05
1065	624710.55	4265398.28	1.77E-03	6.08E-04	1.48E-03	4.55E-04	3.50E-04	1.17E-04	2.73E-04	5.61E-05
1066	624700.64	4265398.14	1.76E-03	6.04E-04	1.47E-03	4.52E-04	3.48E-04	1.16E-04	2.71E-04	5.58E-05
1067	624690.73	4265398	1.74E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.54E-05
1068	624680.82	4265397.86	1.73E-03	5.95E-04	1.45E-03	4.45E-04	3.42E-04	1.14E-04	2.67E-04	5.49E-05
1069	624670.92	4265397.73	1.71E-03	5.90E-04	1.43E-03	4.42E-04	3.39E-04	1.13E-04	2.65E-04	5.44E-05
1070	624661.01	4265397.59	1.70E-03	5.84E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.39E-05
1071	624651.1	4265397.45	1.68E-03	5.78E-04	1.41E-03	4.33E-04	3.33E-04	1.11E-04	2.59E-04	5.34E-05
1072	624641.19	4265397.31	1.66E-03	5.72E-04	1.39E-03	4.28E-04	3.29E-04	1.10E-04	2.57E-04	5.28E-05
1073	624631.28	4265397.18	1.64E-03	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.54E-04	5.22E-05
1074	624621.37	4265397.04	1.62E-03	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04	5.15E-05
1075	624611.46	4265396.9	1.60E-03	5.50E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04	5.08E-05
1076	624601.55	4265396.76	1.58E-03	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
1077	624591.65	4265396.63	1.55E-03	5.34E-04	1.30E-03	4.00E-04	3.07E-04	1.02E-04	2.39E-04	4.92E-05
1078	624581.74	4265396.49	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.35E-04	4.84E-05
1079	624571.83	4265396.35	1.50E-03	5.15E-04	1.25E-03	3.86E-04	2.97E-04	9.88E-05	2.31E-04	4.76E-05
1080	624561.92	4265396.21	1.47E-03	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.69E-05	2.27E-04	4.67E-05
1081	624552.01	4265396.08	1.44E-03	4.96E-04	1.21E-03	3.71E-04	2.86E-04	9.50E-05	2.23E-04	4.58E-05
1082	624542.1	4265395.94	1.41E-03	4.86E-04	1.18E-03	3.64E-04	2.80E-04	9.31E-05	2.18E-04	4.48E-05
1083	624532.19	4265395.8	1.38E-03	4.76E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04	4.39E-05
1084	624522.28	4265395.66	1.35E-03	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.92E-05	2.09E-04	4.30E-05
1085	624512.37	4265395.53	1.33E-03	4.56E-04	1.11E-03	3.41E-04	2.62E-04	8.73E-05	2.05E-04	4.21E-05
1086	624502.47	4265395.39	1.30E-03	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.54E-05	2.00E-04	4.11E-05
1087	624492.56	4265395.25	1.27E-03	4.36E-04	1.06E-03	3.27E-04	2.51E-04	8.36E-05	1.96E-04	4.02E-05
1088	624482.65	4265395.12	1.24E-03	4.27E-04	1.04E-03	3.19E-04	2.46E-04	8.17E-05	1.91E-04	3.94E-05
1089	624472.74	4265394.98	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05
1090	624462.83	4265394.84	1.19E-03	4.08E-04	9.92E-04	3.06E-04	2.35E-04	7.82E-05	1.83E-04	3.77E-05
1091	624452.92	4265394.7	1.16E-03	3.99E-04	9.70E-04	2.99E-04	2.30E-04	7.65E-05	1.79E-04	3.68E-05
1092	624443.01	4265394.57	1.14E-03	3.91E-04	9.49E-04	2.92E-04	2.25E-04	7.48E-05	1.75E-04	3.60E-05
1093	624433.1	4265394.43	1.11E-03	3.82E-04	9.29E-04	2.86E-04	2.20E-04	7.32E-05	1.71E-04	3.53E-05
1094	624423.2	4265394.29	1.09E-03	3.74E-04	9.08E-04	2.80E-04	2.15E-04	7.16E-05	1.68E-04	3.45E-05
1095	624413.29	4265394.15	1.06E-03	3.66E-04	8.89E-04	2.74E-04	2.10E-04	7.00E-05	1.64E-04	3.37E-05
1096	624403.38	4265394.02	1.04E-03	3.57E-04	8.69E-04	2.68E-04	2.06E-04	6.85E-05	1.60E-04	3.30E-05
1097	624393.47	4265393.88	1.02E-03	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
1098	624383.56	4265393.74	9.93E-04	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04	3.15E-05
1099	624373.65	4265393.6	9.71E-04	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
1100	624363.74	4265393.47	9.49E-04	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
1101	624868.33	4265379.13	1.60E-03	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04	5.08E-05
1102	624877.13	4265382.93	1.60E-03	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04	5.09E-05
1103	624885.93	4265386.72	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
1104	624894.72	4265390.52	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
1105	624903.52	4265394.31	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
1106	624912.32	4265398.11	1.60E-03	5.51E-04	1.34E-03	4.13E-04	3.17E-04	1.06E-04	2.47E-04	5.09E-05
1107	624921.12	4265401.9	1.60E-03	5.50E-04	1.34E-03	4.12E-04	3.16E-04	1.05E-04	2.47E-04	5.07E-05
1108	624929.92	4265405.7	1.59E-03	5.47E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04	5.05E-05
1109	624938.72	4265409.49	1.58E-03	5.44E-04	1.32E-03	4.07E-04	3.13E-04	1.04E-04	2.44E-04	5.02E-05

1110	624947.51	4265413.29	1.57E-03	5.40E-04	1.31E-03	4.04E-04	3.11E-04	1.03E-04	2.42E-04	4.98E-05
1111	624956.31	4265417.08	1.56E-03	5.35E-04	1.30E-03	4.01E-04	3.08E-04	1.03E-04	2.40E-04	4.94E-05
1112	624965.11	4265420.88	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.38E-04	4.89E-05
1113	624973.91	4265424.67	1.52E-03	5.23E-04	1.27E-03	3.92E-04	3.01E-04	1.00E-04	2.35E-04	4.83E-05
1114	624982.71	4265428.47	1.50E-03	5.16E-04	1.25E-03	3.86E-04	2.97E-04	9.89E-05	2.32E-04	4.76E-05
1115	624991.51	4265432.26	1.48E-03	5.08E-04	1.24E-03	3.80E-04	2.93E-04	9.74E-05	2.28E-04	4.69E-05
1116	625000.31	4265436.06	1.45E-03	5.00E-04	1.21E-03	3.74E-04	2.88E-04	9.58E-05	2.24E-04	4.61E-05
1117	625009.1	4265439.85	1.43E-03	4.91E-04	1.19E-03	3.68E-04	2.83E-04	9.41E-05	2.20E-04	4.53E-05
1118	625017.9	4265443.65	1.40E-03	4.82E-04	1.17E-03	3.61E-04	2.77E-04	9.23E-05	2.16E-04	4.45E-05
1119	625026.7	4265447.44	1.37E-03	4.72E-04	1.15E-03	3.54E-04	2.72E-04	9.05E-05	2.12E-04	4.36E-05
1120	625035.5	4265451.24	1.35E-03	4.63E-04	1.12E-03	3.47E-04	2.66E-04	8.87E-05	2.08E-04	4.27E-05
1121	625044.3	4265455.03	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04	4.18E-05
1122	625053.1	4265458.83	1.29E-03	4.43E-04	1.08E-03	3.32E-04	2.55E-04	8.49E-05	1.99E-04	4.09E-05
1123	625061.9	4265462.62	1.26E-03	4.33E-04	1.05E-03	3.24E-04	2.49E-04	8.30E-05	1.94E-04	4.00E-05
1124	625074.22	4265475.33	1.23E-03	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05
1125	625077.75	4265484.24	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
1126	625081.27	4265493.15	1.22E-03	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.06E-05	1.89E-04	3.88E-05
1127	625084.8	4265502.06	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
1128	625088.33	4265510.97	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04	3.86E-05
1129	625091.85	4265519.88	1.21E-03	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04	3.84E-05
1130	625095.38	4265528.79	1.21E-03	4.14E-04	1.01E-03	3.10E-04	2.39E-04	7.94E-05	1.86E-04	3.82E-05
1131	625098.91	4265537.7	1.20E-03	4.12E-04	1.00E-03	3.09E-04	2.37E-04	7.90E-05	1.85E-04	3.80E-05
1132	625102.43	4265546.61	1.19E-03	4.10E-04	9.96E-04	3.07E-04	2.36E-04	7.85E-05	1.84E-04	3.78E-05
1133	625105.96	4265555.51	1.18E-03	4.07E-04	9.90E-04	3.05E-04	2.34E-04	7.80E-05	1.83E-04	3.76E-05
1134	625109.49	4265564.42	1.18E-03	4.04E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.81E-04	3.73E-05
1135	625113.01	4265573.33	1.17E-03	4.01E-04	9.75E-04	3.00E-04	2.31E-04	7.69E-05	1.80E-04	3.70E-05
1136	625116.54	4265582.24	1.16E-03	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.79E-04	3.67E-05
1137	625120.06	4265591.15	1.15E-03	3.94E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04	3.64E-05
1138	625123.59	4265600.06	1.14E-03	3.91E-04	9.49E-04	2.92E-04	2.25E-04	7.48E-05	1.75E-04	3.60E-05
1139	625127.12	4265608.97	1.12E-03	3.87E-04	9.40E-04	2.90E-04	2.23E-04	7.41E-05	1.74E-04	3.57E-05
1140	625130.64	4265617.88	1.11E-03	3.83E-04	9.30E-04	2.86E-04	2.20E-04	7.33E-05	1.72E-04	3.53E-05
1141	625134.17	4265626.79	1.10E-03	3.78E-04	9.19E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
1142	625137.7	4265635.7	1.09E-03	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.16E-05	1.68E-04	3.45E-05
1143	625141.22	4265644.61	1.07E-03	3.69E-04	8.97E-04	2.76E-04	2.13E-04	7.07E-05	1.66E-04	3.41E-05
1144	625144.75	4265653.52	1.06E-03	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04	3.36E-05
1145	625148.28	4265662.43	1.05E-03	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04	3.32E-05
1146	625151.8	4265671.34	1.03E-03	3.55E-04	8.62E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04	3.27E-05
1147	624859.53	4265375.34	1.60E-03	5.49E-04	1.33E-03	4.11E-04	3.16E-04	1.05E-04	2.46E-04	5.07E-05
1148	624849.62	4265375.2	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
1149	624839.71	4265375.06	1.62E-03	5.57E-04	1.35E-03	4.17E-04	3.21E-04	1.07E-04	2.50E-04	5.14E-05
1150	624829.8	4265374.93	1.63E-03	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.52E-04	5.17E-05
1151	624819.89	4265374.79	1.64E-03	5.64E-04	1.37E-03	4.22E-04	3.25E-04	1.08E-04	2.53E-04	5.20E-05
1152	624809.99	4265374.65	1.65E-03	5.66E-04	1.38E-03	4.24E-04	3.26E-04	1.09E-04	2.54E-04	5.23E-05
1153	624800.08	4265374.51	1.65E-03	5.69E-04	1.38E-03	4.26E-04	3.27E-04	1.09E-04	2.55E-04	5.25E-05
1154	624790.17	4265374.38	1.66E-03	5.70E-04	1.39E-03	4.27E-04	3.28E-04	1.09E-04	2.56E-04	5.26E-05
1155	624780.26	4265374.24	1.66E-03	5.71E-04	1.39E-03	4.28E-04	3.29E-04	1.09E-04	2.56E-04	5.27E-05
1156	624770.35	4265374.1	1.66E-03	5.71E-04	1.39E-03	4.28E-04	3.29E-04	1.09E-04	2.56E-04	5.27E-05
1157	624760.44	4265373.96	1.66E-03	5.71E-04	1.39E-03	4.27E-04	3.28E-04	1.09E-04	2.56E-04	5.27E-05
1158	624750.53	4265373.83	1.66E-03	5.69E-04	1.38E-03	4.26E-04	3.28E-04	1.09E-04	2.55E-04	5.25E-05
1159	624740.62	4265373.69	1.65E-03	5.67E-04	1.38E-03	4.25E-04	3.26E-04	1.09E-04	2.54E-04	5.23E-05
1160	624730.72	4265373.55	1.64E-03	5.64E-04	1.37E-03	4.22E-04	3.25E-04	1.08E-04	2.53E-04	5.21E-05
1161	624720.81	4265373.42	1.63E-03	5.60E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.52E-04	5.17E-05
1162	624710.9	4265373.28	1.62E-03	5.57E-04	1.35E-03	4.17E-04	3.20E-04	1.07E-04	2.50E-04	5.14E-05

1163	624700.99	4265373.14	1.61E-03	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
1164	624691.08	4265373	1.59E-03	5.48E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04	5.05E-05
1165	624681.17	4265372.87	1.58E-03	5.43E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.01E-05
1166	624671.26	4265372.73	1.56E-03	5.37E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04	4.96E-05
1167	624661.35	4265372.59	1.55E-03	5.32E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.39E-04	4.91E-05
1168	624651.44	4265372.45	1.53E-03	5.26E-04	1.28E-03	3.94E-04	3.03E-04	1.01E-04	2.36E-04	4.85E-05
1169	624641.54	4265372.32	1.51E-03	5.19E-04	1.26E-03	3.89E-04	2.99E-04	9.95E-05	2.33E-04	4.79E-05
1170	624631.63	4265372.18	1.49E-03	5.13E-04	1.25E-03	3.84E-04	2.95E-04	9.83E-05	2.30E-04	4.73E-05
1171	624621.72	4265372.04	1.47E-03	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.70E-05	2.27E-04	4.67E-05
1172	624611.81	4265371.9	1.45E-03	4.99E-04	1.21E-03	3.74E-04	2.87E-04	9.56E-05	2.24E-04	4.61E-05
1173	624601.9	4265371.77	1.43E-03	4.92E-04	1.20E-03	3.68E-04	2.83E-04	9.42E-05	2.21E-04	4.54E-05
1174	624591.99	4265371.63	1.41E-03	4.84E-04	1.18E-03	3.62E-04	2.79E-04	9.27E-05	2.17E-04	4.47E-05
1175	624582.08	4265371.49	1.38E-03	4.76E-04	1.16E-03	3.56E-04	2.74E-04	9.12E-05	2.14E-04	4.39E-05
1176	624572.17	4265371.35	1.36E-03	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.97E-05	2.10E-04	4.32E-05
1177	624562.27	4265371.22	1.34E-03	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04	4.24E-05
1178	624552.36	4265371.08	1.31E-03	4.51E-04	1.10E-03	3.38E-04	2.60E-04	8.64E-05	2.02E-04	4.16E-05
1179	624542.45	4265370.94	1.29E-03	4.42E-04	1.07E-03	3.31E-04	2.55E-04	8.47E-05	1.98E-04	4.08E-05
1180	624532.54	4265370.8	1.26E-03	4.34E-04	1.05E-03	3.25E-04	2.50E-04	8.31E-05	1.95E-04	4.00E-05
1181	624522.63	4265370.67	1.24E-03	4.25E-04	1.03E-03	3.18E-04	2.45E-04	8.14E-05	1.91E-04	3.92E-05
1182	624512.72	4265370.53	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04	3.85E-05
1183	624502.81	4265370.39	1.19E-03	4.08E-04	9.93E-04	3.06E-04	2.35E-04	7.82E-05	1.83E-04	3.77E-05
1184	624492.9	4265370.26	1.16E-03	4.00E-04	9.73E-04	3.00E-04	2.30E-04	7.67E-05	1.80E-04	3.69E-05
1185	624483	4265370.12	1.14E-03	3.92E-04	9.53E-04	2.94E-04	2.26E-04	7.51E-05	1.76E-04	3.62E-05
1186	624473.09	4265369.98	1.12E-03	3.84E-04	9.34E-04	2.88E-04	2.21E-04	7.36E-05	1.72E-04	3.55E-05
1187	624463.18	4265369.84	1.10E-03	3.77E-04	9.15E-04	2.82E-04	2.17E-04	7.22E-05	1.69E-04	3.48E-05
1188	624453.27	4265369.71	1.07E-03	3.69E-04	8.97E-04	2.76E-04	2.12E-04	7.07E-05	1.66E-04	3.41E-05
1189	624443.36	4265369.57	1.05E-03	3.62E-04	8.79E-04	2.71E-04	2.08E-04	6.93E-05	1.62E-04	3.34E-05
1190	624433.45	4265369.43	1.03E-03	3.55E-04	8.62E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04	3.27E-05
1191	624423.54	4265369.29	1.01E-03	3.47E-04	8.44E-04	2.60E-04	2.00E-04	6.66E-05	1.56E-04	3.21E-05
1192	624413.63	4265369.16	9.90E-04	3.40E-04	8.27E-04	2.55E-04	1.96E-04	6.52E-05	1.53E-04	3.14E-05
1193	624403.72	4265369.02	9.69E-04	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
1194	624393.82	4265368.88	9.49E-04	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
1195	624383.91	4265368.74	9.29E-04	3.19E-04	7.76E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
1196	624374	4265368.61	9.09E-04	3.13E-04	7.60E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04	2.89E-05
1197	624364.09	4265368.47	8.90E-04	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
1198	624869.02	4265329.14	1.39E-03	4.80E-04	1.17E-03	3.59E-04	2.76E-04	9.19E-05	2.15E-04	4.43E-05
1199	624877.82	4265332.93	1.40E-03	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.23E-05	2.16E-04	4.44E-05
1200	624886.62	4265336.73	1.40E-03	4.83E-04	1.17E-03	3.62E-04	2.78E-04	9.25E-05	2.17E-04	4.46E-05
1201	624895.42	4265340.52	1.41E-03	4.84E-04	1.18E-03	3.62E-04	2.79E-04	9.27E-05	2.17E-04	4.47E-05
1202	624904.22	4265344.32	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.17E-04	4.47E-05
1203	624913.01	4265348.11	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04	4.47E-05
1204	624921.81	4265351.91	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.28E-05	2.17E-04	4.47E-05
1205	624930.61	4265355.7	1.41E-03	4.84E-04	1.18E-03	3.62E-04	2.78E-04	9.27E-05	2.17E-04	4.47E-05
1206	624939.41	4265359.5	1.40E-03	4.83E-04	1.17E-03	3.61E-04	2.78E-04	9.24E-05	2.17E-04	4.45E-05
1207	624948.21	4265363.29	1.40E-03	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.21E-05	2.16E-04	4.44E-05
1208	624957.01	4265367.09	1.39E-03	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.15E-04	4.41E-05
1209	624965.81	4265370.88	1.38E-03	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04	4.38E-05
1210	624974.6	4265374.68	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.11E-04	4.35E-05
1211	624983.4	4265378.47	1.36E-03	4.67E-04	1.13E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04	4.31E-05
1212	624992.2	4265382.27	1.34E-03	4.62E-04	1.12E-03	3.46E-04	2.66E-04	8.85E-05	2.07E-04	4.26E-05
1213	625001	4265386.06	1.33E-03	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04	4.21E-05
1214	625009.8	4265389.86	1.31E-03	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.63E-05	2.02E-04	4.16E-05
1215	625018.6	4265393.65	1.29E-03	4.44E-04	1.08E-03	3.32E-04	2.56E-04	8.51E-05	1.99E-04	4.10E-05

1216	625027.39	4265397.45	1.27E-03	4.37E-04	1.06E-03	3.27E-04	2.52E-04	8.38E-05	1.96E-04	4.03E-05
1217	625036.19	4265401.24	1.25E-03	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.24E-05	1.93E-04	3.97E-05
1218	625044.99	4265405.04	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.09E-05	1.90E-04	3.90E-05
1219	625053.79	4265408.83	1.21E-03	4.15E-04	1.01E-03	3.10E-04	2.39E-04	7.94E-05	1.86E-04	3.83E-05
1220	625062.59	4265412.63	1.18E-03	4.07E-04	9.89E-04	3.05E-04	2.34E-04	7.79E-05	1.83E-04	3.75E-05
1221	625071.39	4265416.42	1.16E-03	3.99E-04	9.69E-04	2.99E-04	2.30E-04	7.64E-05	1.79E-04	3.68E-05
1222	625080.19	4265420.22	1.14E-03	3.91E-04	9.50E-04	2.93E-04	2.25E-04	7.49E-05	1.75E-04	3.61E-05
1223	625088.98	4265424.01	1.11E-03	3.83E-04	9.30E-04	2.87E-04	2.20E-04	7.33E-05	1.72E-04	3.53E-05
1224	625097.78	4265427.81	1.09E-03	3.75E-04	9.11E-04	2.81E-04	2.16E-04	7.18E-05	1.68E-04	3.46E-05
1225	625110.11	4265440.51	1.06E-03	3.66E-04	8.90E-04	2.74E-04	2.11E-04	7.02E-05	1.64E-04	3.38E-05
1226	625113.63	4265449.42	1.06E-03	3.65E-04	8.88E-04	2.74E-04	2.10E-04	7.00E-05	1.64E-04	3.37E-05
1227	625117.16	4265458.33	1.06E-03	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04	3.36E-05
1228	625120.69	4265467.24	1.06E-03	3.63E-04	8.83E-04	2.72E-04	2.09E-04	6.96E-05	1.63E-04	3.35E-05
1229	625124.21	4265476.15	1.05E-03	3.62E-04	8.80E-04	2.71E-04	2.08E-04	6.94E-05	1.62E-04	3.34E-05
1230	625127.74	4265485.06	1.05E-03	3.61E-04	8.76E-04	2.70E-04	2.08E-04	6.91E-05	1.62E-04	3.33E-05
1231	625131.27	4265493.97	1.04E-03	3.59E-04	8.73E-04	2.69E-04	2.07E-04	6.88E-05	1.61E-04	3.31E-05
1232	625134.79	4265502.88	1.04E-03	3.57E-04	8.69E-04	2.68E-04	2.06E-04	6.85E-05	1.60E-04	3.30E-05
1233	625138.32	4265511.79	1.03E-03	3.56E-04	8.64E-04	2.66E-04	2.05E-04	6.81E-05	1.60E-04	3.28E-05
1234	625141.85	4265520.7	1.03E-03	3.54E-04	8.59E-04	2.65E-04	2.03E-04	6.77E-05	1.59E-04	3.26E-05
1235	625145.37	4265529.61	1.02E-03	3.51E-04	8.54E-04	2.63E-04	2.02E-04	6.73E-05	1.58E-04	3.24E-05
1236	625148.9	4265538.52	1.02E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
1237	625152.43	4265547.43	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04	3.20E-05
1238	625155.95	4265556.34	1.00E-03	3.44E-04	8.36E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04	3.18E-05
1239	625159.48	4265565.25	9.93E-04	3.41E-04	8.30E-04	2.56E-04	1.96E-04	6.54E-05	1.53E-04	3.15E-05
1240	625163.01	4265574.16	9.84E-04	3.39E-04	8.23E-04	2.53E-04	1.95E-04	6.49E-05	1.52E-04	3.12E-05
1241	625166.53	4265583.07	9.76E-04	3.36E-04	8.16E-04	2.51E-04	1.93E-04	6.43E-05	1.51E-04	3.10E-05
1242	625170.06	4265591.98	9.67E-04	3.32E-04	8.08E-04	2.49E-04	1.91E-04	6.37E-05	1.49E-04	3.07E-05
1243	625173.58	4265600.89	9.57E-04	3.29E-04	8.00E-04	2.46E-04	1.89E-04	6.31E-05	1.48E-04	3.04E-05
1244	625177.11	4265609.8	9.47E-04	3.26E-04	7.92E-04	2.44E-04	1.88E-04	6.24E-05	1.46E-04	3.01E-05
1245	625180.64	4265618.7	9.37E-04	3.22E-04	7.83E-04	2.41E-04	1.86E-04	6.18E-05	1.45E-04	2.97E-05
1246	625184.16	4265627.61	9.27E-04	3.19E-04	7.75E-04	2.39E-04	1.83E-04	6.11E-05	1.43E-04	2.94E-05
1247	625187.69	4265636.52	9.16E-04	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.91E-05
1248	625191.22	4265645.43	9.05E-04	3.11E-04	7.56E-04	2.33E-04	1.79E-04	5.96E-05	1.40E-04	2.87E-05
1249	625194.74	4265654.34	8.93E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.83E-05
1250	625198.27	4265663.25	8.81E-04	3.03E-04	7.37E-04	2.27E-04	1.74E-04	5.81E-05	1.36E-04	2.80E-05
1251	625201.8	4265672.16	8.69E-04	2.99E-04	7.27E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04	2.76E-05
1252	624860.22	4265325.34	1.39E-03	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.15E-05	2.14E-04	4.41E-05
1253	624850.31	4265325.21	1.40E-03	4.80E-04	1.17E-03	3.60E-04	2.76E-04	9.20E-05	2.16E-04	4.43E-05
1254	624840.41	4265325.07	1.40E-03	4.83E-04	1.17E-03	3.61E-04	2.78E-04	9.25E-05	2.17E-04	4.45E-05
1255	624830.5	4265324.93	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04	4.47E-05
1256	624820.59	4265324.79	1.41E-03	4.87E-04	1.18E-03	3.64E-04	2.80E-04	9.32E-05	2.18E-04	4.49E-05
1257	624810.68	4265324.66	1.42E-03	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.35E-05	2.19E-04	4.50E-05
1258	624800.77	4265324.52	1.42E-03	4.89E-04	1.19E-03	3.66E-04	2.81E-04	9.36E-05	2.19E-04	4.51E-05
1259	624790.86	4265324.38	1.42E-03	4.89E-04	1.19E-03	3.66E-04	2.82E-04	9.37E-05	2.19E-04	4.51E-05
1260	624780.95	4265324.24	1.42E-03	4.89E-04	1.19E-03	3.66E-04	2.81E-04	9.37E-05	2.19E-04	4.51E-05
1261	624771.04	4265324.11	1.42E-03	4.88E-04	1.19E-03	3.66E-04	2.81E-04	9.36E-05	2.19E-04	4.51E-05
1262	624761.13	4265323.97	1.42E-03	4.87E-04	1.18E-03	3.65E-04	2.80E-04	9.33E-05	2.19E-04	4.49E-05
1263	624751.23	4265323.83	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04	4.48E-05
1264	624741.32	4265323.69	1.40E-03	4.82E-04	1.17E-03	3.61E-04	2.78E-04	9.24E-05	2.16E-04	4.45E-05
1265	624731.41	4265323.56	1.39E-03	4.79E-04	1.16E-03	3.59E-04	2.76E-04	9.18E-05	2.15E-04	4.42E-05
1266	624721.5	4265323.42	1.38E-03	4.75E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04	4.39E-05
1267	624711.59	4265323.28	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.11E-04	4.35E-05
1268	624701.68	4265323.15	1.36E-03	4.67E-04	1.13E-03	3.49E-04	2.69E-04	8.94E-05	2.09E-04	4.31E-05

1269	624691.77	4265323.01	1.34E-03	4.62E-04	1.12E-03	3.46E-04	2.66E-04	8.85E-05	2.07E-04	4.26E-05
1270	624681.86	4265322.87	1.33E-03	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04	4.21E-05
1271	624671.96	4265322.73	1.31E-03	4.51E-04	1.10E-03	3.38E-04	2.60E-04	8.65E-05	2.03E-04	4.17E-05
1272	624662.05	4265322.6	1.30E-03	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.54E-05	2.00E-04	4.12E-05
1273	624652.14	4265322.46	1.28E-03	4.40E-04	1.07E-03	3.30E-04	2.53E-04	8.44E-05	1.98E-04	4.06E-05
1274	624642.23	4265322.32	1.26E-03	4.35E-04	1.06E-03	3.25E-04	2.50E-04	8.33E-05	1.95E-04	4.01E-05
1275	624632.32	4265322.18	1.25E-03	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.21E-05	1.92E-04	3.96E-05
1276	624622.41	4265322.05	1.23E-03	4.23E-04	1.03E-03	3.16E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05
1277	624612.5	4265321.91	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04	3.85E-05
1278	624602.59	4265321.77	1.19E-03	4.11E-04	9.98E-04	3.07E-04	2.36E-04	7.87E-05	1.84E-04	3.79E-05
1279	624592.69	4265321.63	1.18E-03	4.04E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.81E-04	3.73E-05
1280	624582.78	4265321.5	1.16E-03	3.98E-04	9.68E-04	2.98E-04	2.29E-04	7.63E-05	1.79E-04	3.67E-05
1281	624572.87	4265321.36	1.14E-03	3.92E-04	9.52E-04	2.93E-04	2.26E-04	7.51E-05	1.76E-04	3.62E-05
1282	624562.96	4265321.22	1.12E-03	3.85E-04	9.37E-04	2.89E-04	2.22E-04	7.38E-05	1.73E-04	3.56E-05
1283	624553.05	4265321.08	1.10E-03	3.79E-04	9.22E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.50E-05
1284	624543.14	4265320.95	1.08E-03	3.73E-04	9.06E-04	2.79E-04	2.15E-04	7.14E-05	1.67E-04	3.44E-05
1285	624533.23	4265320.81	1.07E-03	3.67E-04	8.91E-04	2.74E-04	2.11E-04	7.02E-05	1.65E-04	3.38E-05
1286	624523.32	4265320.67	1.05E-03	3.60E-04	8.76E-04	2.70E-04	2.07E-04	6.90E-05	1.62E-04	3.33E-05
1287	624513.41	4265320.53	1.03E-03	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04	3.27E-05
1288	624503.51	4265320.4	1.01E-03	3.48E-04	8.46E-04	2.61E-04	2.00E-04	6.67E-05	1.56E-04	3.21E-05
1289	624493.6	4265320.26	9.95E-04	3.42E-04	8.32E-04	2.56E-04	1.97E-04	6.56E-05	1.54E-04	3.16E-05
1290	624483.69	4265320.12	9.78E-04	3.36E-04	8.18E-04	2.52E-04	1.94E-04	6.45E-05	1.51E-04	3.10E-05
1291	624473.78	4265319.99	9.62E-04	3.31E-04	8.04E-04	2.48E-04	1.90E-04	6.34E-05	1.48E-04	3.05E-05
1292	624463.87	4265319.85	9.46E-04	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.23E-05	1.46E-04	3.00E-05
1293	624453.96	4265319.71	9.30E-04	3.20E-04	7.77E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
1294	624444.05	4265319.57	9.14E-04	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.02E-05	1.41E-04	2.90E-05
1295	624434.14	4265319.44	8.98E-04	3.09E-04	7.51E-04	2.31E-04	1.78E-04	5.92E-05	1.39E-04	2.85E-05
1296	624424.24	4265319.3	8.82E-04	3.03E-04	7.37E-04	2.27E-04	1.75E-04	5.81E-05	1.36E-04	2.80E-05
1297	624414.33	4265319.16	8.67E-04	2.98E-04	7.24E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
1298	624404.42	4265319.02	8.51E-04	2.93E-04	7.11E-04	2.19E-04	1.68E-04	5.61E-05	1.31E-04	2.70E-05
1299	624394.51	4265318.89	8.35E-04	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
1300	624384.6	4265318.75	8.20E-04	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.27E-04	2.60E-05
1301	624374.69	4265318.61	8.05E-04	2.77E-04	6.73E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
1302	624364.78	4265318.47	7.90E-04	2.72E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04	2.51E-05
1303	624870	4265279.27	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
1304	624879.08	4265283.18	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1305	624888.16	4265287.1	1.24E-03	4.26E-04	1.03E-03	3.19E-04	2.45E-04	8.15E-05	1.91E-04	3.93E-05
1306	624897.25	4265291.02	1.24E-03	4.27E-04	1.04E-03	3.20E-04	2.46E-04	8.18E-05	1.92E-04	3.94E-05
1307	624906.33	4265294.94	1.25E-03	4.28E-04	1.04E-03	3.21E-04	2.47E-04	8.21E-05	1.92E-04	3.95E-05
1308	624915.41	4265298.85	1.25E-03	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.93E-04	3.96E-05
1309	624924.49	4265302.77	1.25E-03	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.23E-05	1.93E-04	3.97E-05
1310	624933.57	4265306.69	1.25E-03	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.24E-05	1.93E-04	3.97E-05
1311	624942.66	4265310.61	1.25E-03	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.23E-05	1.93E-04	3.96E-05
1312	624951.74	4265314.52	1.25E-03	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.92E-04	3.96E-05
1313	624960.82	4265318.44	1.24E-03	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.19E-05	1.92E-04	3.95E-05
1314	624969.9	4265322.36	1.24E-03	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04	3.93E-05
1315	624978.99	4265326.27	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1316	624988.07	4265330.19	1.22E-03	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.07E-05	1.89E-04	3.89E-05
1317	624997.15	4265334.11	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.87E-04	3.86E-05
1318	625006.23	4265338.03	1.20E-03	4.14E-04	1.01E-03	3.10E-04	2.38E-04	7.93E-05	1.86E-04	3.82E-05
1319	625015.32	4265341.94	1.19E-03	4.10E-04	9.96E-04	3.07E-04	2.36E-04	7.85E-05	1.84E-04	3.78E-05
1320	625024.4	4265345.86	1.18E-03	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
1321	625033.48	4265349.78	1.16E-03	4.00E-04	9.72E-04	2.99E-04	2.30E-04	7.66E-05	1.79E-04	3.69E-05

1322	625042.56	4265353.7	1.15E-03	3.94E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04	3.64E-05
1323	625051.65	4265357.61	1.13E-03	3.89E-04	9.44E-04	2.91E-04	2.24E-04	7.44E-05	1.74E-04	3.59E-05
1324	625060.73	4265361.53	1.11E-03	3.82E-04	9.29E-04	2.86E-04	2.20E-04	7.33E-05	1.72E-04	3.53E-05
1325	625069.81	4265365.45	1.09E-03	3.76E-04	9.14E-04	2.81E-04	2.16E-04	7.20E-05	1.69E-04	3.47E-05
1326	625078.89	4265369.37	1.07E-03	3.69E-04	8.98E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04	3.41E-05
1327	625087.97	4265373.28	1.05E-03	3.63E-04	8.81E-04	2.71E-04	2.09E-04	6.95E-05	1.63E-04	3.35E-05
1328	625097.06	4265377.2	1.03E-03	3.56E-04	8.65E-04	2.66E-04	2.05E-04	6.82E-05	1.60E-04	3.28E-05
1329	625106.14	4265381.12	1.01E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.68E-05	1.57E-04	3.22E-05
1330	625115.22	4265385.04	9.94E-04	3.42E-04	8.31E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04	3.16E-05
1331	625124.3	4265388.95	9.74E-04	3.35E-04	8.14E-04	2.51E-04	1.93E-04	6.42E-05	1.50E-04	3.09E-05
1332	625133.39	4265392.87	9.54E-04	3.28E-04	7.98E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
1333	625146.11	4265405.99	9.33E-04	3.21E-04	7.79E-04	2.40E-04	1.85E-04	6.14E-05	1.44E-04	2.96E-05
1334	625149.75	4265415.18	9.30E-04	3.20E-04	7.78E-04	2.40E-04	1.84E-04	6.13E-05	1.44E-04	2.95E-05
1335	625153.39	4265424.38	9.28E-04	3.19E-04	7.75E-04	2.39E-04	1.84E-04	6.11E-05	1.43E-04	2.94E-05
1336	625157.03	4265433.58	9.25E-04	3.18E-04	7.73E-04	2.38E-04	1.83E-04	6.09E-05	1.43E-04	2.94E-05
1337	625160.67	4265442.77	9.22E-04	3.17E-04	7.70E-04	2.37E-04	1.82E-04	6.07E-05	1.42E-04	2.92E-05
1338	625164.31	4265451.97	9.18E-04	3.16E-04	7.67E-04	2.36E-04	1.82E-04	6.05E-05	1.42E-04	2.91E-05
1339	625167.95	4265461.17	9.14E-04	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.02E-05	1.41E-04	2.90E-05
1340	625171.59	4265470.36	9.10E-04	3.13E-04	7.61E-04	2.34E-04	1.80E-04	6.00E-05	1.40E-04	2.89E-05
1341	625175.23	4265479.56	9.06E-04	3.11E-04	7.57E-04	2.33E-04	1.79E-04	5.97E-05	1.40E-04	2.87E-05
1342	625178.87	4265488.76	9.01E-04	3.10E-04	7.53E-04	2.32E-04	1.78E-04	5.93E-05	1.39E-04	2.86E-05
1343	625182.51	4265497.96	8.96E-04	3.08E-04	7.49E-04	2.31E-04	1.77E-04	5.90E-05	1.38E-04	2.84E-05
1344	625186.15	4265507.15	8.90E-04	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04	2.83E-05
1345	625189.79	4265516.35	8.85E-04	3.04E-04	7.39E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04	2.81E-05
1346	625193.43	4265525.55	8.79E-04	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04	2.79E-05
1347	625197.07	4265534.74	8.73E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
1348	625200.71	4265543.94	8.66E-04	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04	2.75E-05
1349	625204.35	4265553.14	8.59E-04	2.95E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04	2.73E-05
1350	625207.99	4265562.33	8.52E-04	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.62E-05	1.32E-04	2.70E-05
1351	625211.63	4265571.53	8.45E-04	2.91E-04	7.06E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04	2.68E-05
1352	625215.27	4265580.73	8.37E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
1353	625218.91	4265589.92	8.29E-04	2.85E-04	6.93E-04	2.14E-04	1.64E-04	5.46E-05	1.28E-04	2.63E-05
1354	625222.55	4265599.12	8.21E-04	2.82E-04	6.86E-04	2.11E-04	1.63E-04	5.41E-05	1.27E-04	2.61E-05
1355	625226.19	4265608.32	8.13E-04	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
1356	625229.83	4265617.52	8.04E-04	2.76E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
1357	625233.47	4265626.71	7.95E-04	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
1358	625237.11	4265635.91	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
1359	625240.75	4265645.11	7.76E-04	2.67E-04	6.48E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04	2.46E-05
1360	625244.4	4265654.3	7.66E-04	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
1361	625248.04	4265663.5	7.55E-04	2.60E-04	6.31E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
1362	625251.68	4265672.7	7.45E-04	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04	2.36E-05
1363	624860.92	4265275.35	1.22E-03	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.03E-05	1.88E-04	3.87E-05
1364	624851.01	4265275.21	1.22E-03	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.06E-05	1.89E-04	3.88E-05
1365	624841.1	4265275.07	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
1366	624831.19	4265274.94	1.23E-03	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05
1367	624821.28	4265274.8	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1368	624811.37	4265274.66	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1369	624801.46	4265274.52	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1370	624791.55	4265274.39	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
1371	624781.65	4265274.25	1.23E-03	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05
1372	624771.74	4265274.11	1.23E-03	4.22E-04	1.02E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
1373	624761.83	4265273.97	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
1374	624751.92	4265273.84	1.21E-03	4.18E-04	1.01E-03	3.13E-04	2.40E-04	8.00E-05	1.87E-04	3.85E-05

1375	624742.01	4265273.7	1.21E-03	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04	3.83E-05
1376	624732.1	4265273.56	1.20E-03	4.11E-04	1.00E-03	3.08E-04	2.37E-04	7.88E-05	1.85E-04	3.80E-05
1377	624722.19	4265273.42	1.19E-03	4.08E-04	9.91E-04	3.05E-04	2.35E-04	7.81E-05	1.83E-04	3.76E-05
1378	624712.28	4265273.29	1.17E-03	4.04E-04	9.81E-04	3.02E-04	2.32E-04	7.73E-05	1.81E-04	3.72E-05
1379	624702.38	4265273.15	1.16E-03	3.99E-04	9.70E-04	2.99E-04	2.30E-04	7.65E-05	1.79E-04	3.68E-05
1380	624692.47	4265273.01	1.15E-03	3.95E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04	3.64E-05
1381	624682.56	4265272.88	1.13E-03	3.90E-04	9.48E-04	2.92E-04	2.24E-04	7.47E-05	1.75E-04	3.60E-05
1382	624672.65	4265272.74	1.12E-03	3.85E-04	9.35E-04	2.88E-04	2.22E-04	7.37E-05	1.73E-04	3.55E-05
1383	624662.74	4265272.6	1.10E-03	3.80E-04	9.23E-04	2.84E-04	2.19E-04	7.28E-05	1.70E-04	3.50E-05
1384	624652.83	4265272.46	1.09E-03	3.75E-04	9.11E-04	2.80E-04	2.16E-04	7.18E-05	1.68E-04	3.46E-05
1385	624642.92	4265272.33	1.07E-03	3.69E-04	8.98E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04	3.41E-05
1386	624633.01	4265272.19	1.06E-03	3.64E-04	8.85E-04	2.73E-04	2.10E-04	6.98E-05	1.63E-04	3.36E-05
1387	624623.1	4265272.05	1.04E-03	3.59E-04	8.73E-04	2.69E-04	2.07E-04	6.88E-05	1.61E-04	3.31E-05
1388	624613.2	4265271.91	1.03E-03	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04	3.27E-05
1389	624603.29	4265271.78	1.02E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
1390	624593.38	4265271.64	1.00E-03	3.44E-04	8.36E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04	3.18E-05
1391	624583.47	4265271.5	9.86E-04	3.39E-04	8.24E-04	2.54E-04	1.95E-04	6.50E-05	1.52E-04	3.13E-05
1392	624573.56	4265271.36	9.72E-04	3.34E-04	8.12E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
1393	624563.65	4265271.23	9.58E-04	3.29E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04	3.04E-05
1394	624553.74	4265271.09	9.44E-04	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	3.00E-05
1395	624543.83	4265270.95	9.30E-04	3.20E-04	7.78E-04	2.40E-04	1.84E-04	6.13E-05	1.44E-04	2.95E-05
1396	624533.93	4265270.81	9.17E-04	3.15E-04	7.66E-04	2.36E-04	1.82E-04	6.04E-05	1.41E-04	2.91E-05
1397	624524.02	4265270.68	9.04E-04	3.11E-04	7.55E-04	2.33E-04	1.79E-04	5.95E-05	1.39E-04	2.87E-05
1398	624514.11	4265270.54	8.91E-04	3.06E-04	7.45E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04	2.83E-05
1399	624504.2	4265270.4	8.78E-04	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04	2.79E-05
1400	624494.29	4265270.26	8.65E-04	2.98E-04	7.23E-04	2.23E-04	1.71E-04	5.70E-05	1.34E-04	2.75E-05
1401	624484.38	4265270.13	8.53E-04	2.93E-04	7.13E-04	2.19E-04	1.69E-04	5.62E-05	1.32E-04	2.71E-05
1402	624474.47	4265269.99	8.40E-04	2.89E-04	7.02E-04	2.16E-04	1.66E-04	5.53E-05	1.30E-04	2.67E-05
1403	624464.56	4265269.85	8.28E-04	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
1404	624454.66	4265269.72	8.16E-04	2.81E-04	6.82E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04	2.59E-05
1405	624444.75	4265269.58	8.04E-04	2.76E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
1406	624434.84	4265269.44	7.92E-04	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
1407	624424.93	4265269.3	7.79E-04	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.47E-05
1408	624415.02	4265269.17	7.67E-04	2.64E-04	6.41E-04	1.98E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
1409	624405.11	4265269.03	7.55E-04	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.40E-05
1410	624395.2	4265268.89	7.43E-04	2.55E-04	6.21E-04	1.91E-04	1.47E-04	4.89E-05	1.15E-04	2.36E-05
1411	624385.29	4265268.75	7.31E-04	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.81E-05	1.13E-04	2.32E-05
1412	624375.38	4265268.62	7.18E-04	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05
1413	624365.48	4265268.48	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
1414	624870.66	4265229.26	1.08E-03	3.73E-04	9.06E-04	2.79E-04	2.15E-04	7.14E-05	1.67E-04	3.44E-05
1415	624879.71	4265233.16	1.09E-03	3.75E-04	9.12E-04	2.81E-04	2.16E-04	7.19E-05	1.68E-04	3.46E-05
1416	624888.76	4265237.06	1.10E-03	3.77E-04	9.17E-04	2.82E-04	2.17E-04	7.23E-05	1.69E-04	3.48E-05
1417	624897.81	4265240.97	1.10E-03	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.50E-05
1418	624906.86	4265244.87	1.11E-03	3.81E-04	9.25E-04	2.85E-04	2.19E-04	7.29E-05	1.71E-04	3.51E-05
1419	624915.91	4265248.77	1.11E-03	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.32E-05	1.71E-04	3.53E-05
1420	624924.96	4265252.68	1.11E-03	3.83E-04	9.31E-04	2.87E-04	2.21E-04	7.34E-05	1.72E-04	3.54E-05
1421	624934.01	4265256.58	1.12E-03	3.84E-04	9.33E-04	2.87E-04	2.21E-04	7.36E-05	1.72E-04	3.54E-05
1422	624943.06	4265260.48	1.12E-03	3.84E-04	9.34E-04	2.88E-04	2.21E-04	7.37E-05	1.72E-04	3.55E-05
1423	624952.11	4265264.39	1.12E-03	3.85E-04	9.35E-04	2.88E-04	2.21E-04	7.37E-05	1.73E-04	3.55E-05
1424	624961.16	4265268.29	1.12E-03	3.84E-04	9.34E-04	2.88E-04	2.21E-04	7.37E-05	1.73E-04	3.55E-05
1425	624970.21	4265272.19	1.12E-03	3.84E-04	9.33E-04	2.87E-04	2.21E-04	7.36E-05	1.72E-04	3.54E-05
1426	624979.26	4265276.1	1.11E-03	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04	3.53E-05
1427	624988.31	4265280	1.11E-03	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.31E-05	1.71E-04	3.52E-05

1428	624997.36	4265283.9	1.10E-03	3.80E-04	9.24E-04	2.84E-04	2.19E-04	7.28E-05	1.70E-04	3.51E-05
1429	625006.41	4265287.81	1.10E-03	3.78E-04	9.18E-04	2.83E-04	2.17E-04	7.24E-05	1.70E-04	3.49E-05
1430	625015.46	4265291.71	1.09E-03	3.75E-04	9.12E-04	2.81E-04	2.16E-04	7.19E-05	1.68E-04	3.46E-05
1431	625024.51	4265295.62	1.08E-03	3.72E-04	9.05E-04	2.79E-04	2.14E-04	7.13E-05	1.67E-04	3.44E-05
1432	625033.56	4265299.52	1.07E-03	3.69E-04	8.97E-04	2.76E-04	2.12E-04	7.07E-05	1.66E-04	3.40E-05
1433	625042.61	4265303.42	1.06E-03	3.65E-04	8.87E-04	2.73E-04	2.10E-04	6.99E-05	1.64E-04	3.37E-05
1434	625051.66	4265307.33	1.05E-03	3.61E-04	8.77E-04	2.70E-04	2.08E-04	6.92E-05	1.62E-04	3.33E-05
1435	625060.71	4265311.23	1.04E-03	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04	3.29E-05
1436	625069.76	4265315.13	1.02E-03	3.52E-04	8.55E-04	2.63E-04	2.03E-04	6.74E-05	1.58E-04	3.25E-05
1437	625078.81	4265319.04	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.20E-05
1438	625087.86	4265322.94	9.93E-04	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04	3.15E-05
1439	625096.91	4265326.84	9.77E-04	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04	3.10E-05
1440	625105.96	4265330.75	9.61E-04	3.30E-04	8.03E-04	2.47E-04	1.90E-04	6.33E-05	1.48E-04	3.05E-05
1441	625115.01	4265334.65	9.44E-04	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	3.00E-05
1442	625124.06	4265338.55	9.27E-04	3.19E-04	7.75E-04	2.39E-04	1.84E-04	6.11E-05	1.43E-04	2.94E-05
1443	625133.11	4265342.46	9.10E-04	3.13E-04	7.61E-04	2.34E-04	1.80E-04	6.00E-05	1.40E-04	2.89E-05
1444	625142.16	4265346.36	8.94E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
1445	625151.21	4265350.26	8.77E-04	3.01E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.78E-05
1446	625160.26	4265354.17	8.60E-04	2.96E-04	7.19E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04	2.73E-05
1447	625169.31	4265358.07	8.43E-04	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04	2.68E-05
1448	625181.98	4265371.14	8.25E-04	2.84E-04	6.89E-04	2.12E-04	1.63E-04	5.43E-05	1.27E-04	2.62E-05
1449	625185.61	4265380.3	8.23E-04	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
1450	625189.24	4265389.47	8.21E-04	2.82E-04	6.86E-04	2.11E-04	1.62E-04	5.41E-05	1.27E-04	2.60E-05
1451	625192.87	4265398.63	8.18E-04	2.81E-04	6.84E-04	2.11E-04	1.62E-04	5.39E-05	1.26E-04	2.60E-05
1452	625196.49	4265407.79	8.16E-04	2.80E-04	6.82E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04	2.59E-05
1453	625200.12	4265416.96	8.13E-04	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
1454	625203.75	4265426.12	8.10E-04	2.78E-04	6.77E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
1455	625207.37	4265435.29	8.06E-04	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.31E-05	1.24E-04	2.56E-05
1456	625211	4265444.45	8.03E-04	2.76E-04	6.71E-04	2.07E-04	1.59E-04	5.29E-05	1.24E-04	2.55E-05
1457	625214.63	4265453.61	7.99E-04	2.75E-04	6.68E-04	2.06E-04	1.58E-04	5.26E-05	1.23E-04	2.54E-05
1458	625218.26	4265462.78	7.95E-04	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
1459	625221.88	4265471.94	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
1460	625225.51	4265481.11	7.87E-04	2.70E-04	6.57E-04	2.02E-04	1.56E-04	5.18E-05	1.21E-04	2.50E-05
1461	625229.14	4265490.27	7.82E-04	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
1462	625232.76	4265499.44	7.77E-04	2.67E-04	6.50E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.47E-05
1463	625236.39	4265508.6	7.72E-04	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
1464	625240.02	4265517.76	7.67E-04	2.64E-04	6.41E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04	2.43E-05
1465	625243.65	4265526.93	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
1466	625247.27	4265536.09	7.56E-04	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
1467	625250.9	4265545.26	7.51E-04	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
1468	625254.53	4265554.42	7.45E-04	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04	2.36E-05
1469	625258.16	4265563.58	7.39E-04	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04	2.34E-05
1470	625261.78	4265572.75	7.32E-04	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04	2.32E-05
1471	625265.41	4265581.91	7.26E-04	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
1472	625269.04	4265591.08	7.19E-04	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
1473	625272.66	4265600.24	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
1474	625276.29	4265609.4	7.05E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
1475	625279.92	4265618.57	6.97E-04	2.40E-04	5.83E-04	1.79E-04	1.38E-04	4.59E-05	1.08E-04	2.21E-05
1476	625283.55	4265627.73	6.89E-04	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
1477	625287.17	4265636.9	6.81E-04	2.34E-04	5.69E-04	1.75E-04	1.35E-04	4.49E-05	1.05E-04	2.16E-05
1478	625290.8	4265646.06	6.73E-04	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.14E-05
1479	625294.43	4265655.23	6.64E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.38E-05	1.02E-04	2.11E-05
1480	625298.05	4265664.39	6.55E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05

1481	625301.68	4265673.55	6.47E-04	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05
1482	624861.61	4265225.35	1.08E-03	3.70E-04	9.00E-04	2.77E-04	2.13E-04	7.09E-05	1.66E-04	3.42E-05
1483	624851.7	4265225.22	1.08E-03	3.71E-04	9.02E-04	2.78E-04	2.13E-04	7.11E-05	1.66E-04	3.42E-05
1484	624841.79	4265225.08	1.08E-03	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04	3.43E-05
1485	624831.88	4265224.94	1.08E-03	3.71E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
1486	624821.97	4265224.8	1.08E-03	3.71E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
1487	624812.07	4265224.67	1.08E-03	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04	3.43E-05
1488	624802.16	4265224.53	1.08E-03	3.71E-04	9.01E-04	2.77E-04	2.13E-04	7.10E-05	1.66E-04	3.42E-05
1489	624792.25	4265224.39	1.08E-03	3.70E-04	8.99E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04	3.41E-05
1490	624782.34	4265224.25	1.07E-03	3.68E-04	8.96E-04	2.76E-04	2.12E-04	7.06E-05	1.65E-04	3.40E-05
1491	624772.43	4265224.12	1.07E-03	3.67E-04	8.92E-04	2.75E-04	2.11E-04	7.03E-05	1.65E-04	3.39E-05
1492	624762.52	4265223.98	1.06E-03	3.65E-04	8.87E-04	2.73E-04	2.10E-04	6.99E-05	1.64E-04	3.37E-05
1493	624752.61	4265223.84	1.05E-03	3.63E-04	8.81E-04	2.72E-04	2.09E-04	6.95E-05	1.63E-04	3.35E-05
1494	624742.7	4265223.7	1.05E-03	3.60E-04	8.75E-04	2.70E-04	2.07E-04	6.90E-05	1.62E-04	3.32E-05
1495	624732.79	4265223.57	1.04E-03	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.84E-05	1.60E-04	3.29E-05
1496	624722.89	4265223.43	1.03E-03	3.53E-04	8.59E-04	2.64E-04	2.03E-04	6.77E-05	1.59E-04	3.26E-05
1497	624712.98	4265223.29	1.02E-03	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04	3.22E-05
1498	624703.07	4265223.15	1.00E-03	3.45E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
1499	624693.16	4265223.02	9.93E-04	3.41E-04	8.30E-04	2.56E-04	1.96E-04	6.54E-05	1.53E-04	3.15E-05
1500	624683.25	4265222.88	9.80E-04	3.37E-04	8.19E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
1501	624673.34	4265222.74	9.67E-04	3.33E-04	8.08E-04	2.49E-04	1.91E-04	6.37E-05	1.49E-04	3.07E-05
1502	624663.43	4265222.61	9.54E-04	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.28E-05	1.47E-04	3.03E-05
1503	624653.52	4265222.47	9.41E-04	3.23E-04	7.86E-04	2.42E-04	1.86E-04	6.20E-05	1.45E-04	2.99E-05
1504	624643.62	4265222.33	9.27E-04	3.19E-04	7.75E-04	2.39E-04	1.84E-04	6.11E-05	1.43E-04	2.94E-05
1505	624633.71	4265222.19	9.15E-04	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.03E-05	1.41E-04	2.90E-05
1506	624623.8	4265222.06	9.02E-04	3.10E-04	7.54E-04	2.32E-04	1.79E-04	5.94E-05	1.39E-04	2.86E-05
1507	624613.89	4265221.92	8.89E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
1508	624603.98	4265221.78	8.77E-04	3.02E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.78E-05
1509	624594.07	4265221.64	8.66E-04	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.70E-05	1.34E-04	2.75E-05
1510	624584.16	4265221.51	8.54E-04	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04	2.71E-05
1511	624574.25	4265221.37	8.43E-04	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04	2.68E-05
1512	624564.35	4265221.23	8.32E-04	2.86E-04	6.95E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04	2.64E-05
1513	624554.44	4265221.09	8.21E-04	2.82E-04	6.87E-04	2.11E-04	1.63E-04	5.41E-05	1.27E-04	2.61E-05
1514	624544.53	4265220.96	8.11E-04	2.79E-04	6.78E-04	2.09E-04	1.61E-04	5.34E-05	1.25E-04	2.57E-05
1515	624534.62	4265220.82	8.01E-04	2.75E-04	6.69E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04	2.54E-05
1516	624524.71	4265220.68	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
1517	624514.8	4265220.54	7.81E-04	2.69E-04	6.53E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
1518	624504.89	4265220.41	7.71E-04	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04	2.45E-05
1519	624494.98	4265220.27	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
1520	624485.07	4265220.13	7.52E-04	2.59E-04	6.28E-04	1.94E-04	1.49E-04	4.95E-05	1.16E-04	2.39E-05
1521	624475.17	4265219.99	7.42E-04	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.89E-05	1.14E-04	2.35E-05
1522	624465.26	4265219.86	7.33E-04	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04	2.32E-05
1523	624455.35	4265219.72	7.23E-04	2.49E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.12E-04	2.30E-05
1524	624445.44	4265219.58	7.14E-04	2.45E-04	5.97E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04	2.27E-05
1525	624435.53	4265219.45	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.23E-05
1526	624425.62	4265219.31	6.95E-04	2.39E-04	5.81E-04	1.79E-04	1.37E-04	4.58E-05	1.07E-04	2.20E-05
1527	624415.71	4265219.17	6.85E-04	2.36E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
1528	624405.8	4265219.03	6.75E-04	2.32E-04	5.64E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05
1529	624395.9	4265218.9	6.65E-04	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.38E-05	1.03E-04	2.11E-05
1530	624385.99	4265218.76	6.56E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
1531	624376.08	4265218.62	6.46E-04	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.25E-05	9.96E-05	2.05E-05
1532	624366.17	4265218.48	6.36E-04	2.19E-04	5.31E-04	1.64E-04	1.26E-04	4.19E-05	9.81E-05	2.02E-05
1533	624871.33	4265179.25	9.64E-04	3.31E-04	8.05E-04	2.48E-04	1.91E-04	6.35E-05	1.49E-04	3.06E-05

1534	624880.35	4265183.14	9.71E-04	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
1535	624889.37	4265187.04	9.77E-04	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04	3.10E-05
1536	624898.4	4265190.93	9.83E-04	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04	3.12E-05
1537	624907.42	4265194.82	9.89E-04	3.40E-04	8.26E-04	2.55E-04	1.96E-04	6.51E-05	1.53E-04	3.14E-05
1538	624916.45	4265198.71	9.93E-04	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04	3.15E-05
1539	624925.47	4265202.6	9.98E-04	3.43E-04	8.34E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.17E-05
1540	624934.5	4265206.5	1.00E-03	3.44E-04	8.37E-04	2.58E-04	1.98E-04	6.60E-05	1.55E-04	3.18E-05
1541	624943.52	4265210.39	1.00E-03	3.45E-04	8.39E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
1542	624952.54	4265214.28	1.01E-03	3.46E-04	8.41E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04	3.19E-05
1543	624961.57	4265218.17	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04	3.20E-05
1544	624970.59	4265222.07	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.20E-05
1545	624979.62	4265225.96	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04	3.20E-05
1546	624988.64	4265229.85	1.01E-03	3.46E-04	8.42E-04	2.59E-04	1.99E-04	6.64E-05	1.55E-04	3.20E-05
1547	624997.66	4265233.74	1.01E-03	3.46E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
1548	625006.69	4265237.64	1.00E-03	3.45E-04	8.38E-04	2.58E-04	1.98E-04	6.60E-05	1.55E-04	3.18E-05
1549	625015.71	4265241.53	9.98E-04	3.43E-04	8.34E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
1550	625024.74	4265245.42	9.93E-04	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04	3.15E-05
1551	625033.76	4265249.31	9.88E-04	3.40E-04	8.26E-04	2.54E-04	1.95E-04	6.51E-05	1.52E-04	3.13E-05
1552	625042.79	4265253.2	9.81E-04	3.37E-04	8.20E-04	2.53E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
1553	625051.81	4265257.1	9.73E-04	3.35E-04	8.13E-04	2.50E-04	1.93E-04	6.41E-05	1.50E-04	3.09E-05
1554	625060.83	4265260.99	9.64E-04	3.31E-04	8.06E-04	2.48E-04	1.91E-04	6.35E-05	1.49E-04	3.06E-05
1555	625069.86	4265264.88	9.54E-04	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
1556	625078.88	4265268.77	9.43E-04	3.24E-04	7.88E-04	2.43E-04	1.87E-04	6.21E-05	1.46E-04	2.99E-05
1557	625087.91	4265272.67	9.32E-04	3.20E-04	7.79E-04	2.40E-04	1.84E-04	6.14E-05	1.44E-04	2.96E-05
1558	625096.93	4265276.56	9.20E-04	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04	2.92E-05
1559	625105.95	4265280.45	9.07E-04	3.12E-04	7.58E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04	2.88E-05
1560	625114.98	4265284.34	8.94E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
1561	625124	4265288.24	8.80E-04	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
1562	625133.03	4265292.13	8.66E-04	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04	2.75E-05
1563	625142.05	4265296.02	8.52E-04	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04	2.70E-05
1564	625151.07	4265299.91	8.37E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
1565	625160.1	4265303.8	8.23E-04	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
1566	625169.12	4265307.7	8.09E-04	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
1567	625178.15	4265311.59	7.94E-04	2.73E-04	6.64E-04	2.04E-04	1.57E-04	5.23E-05	1.23E-04	2.52E-05
1568	625187.17	4265315.48	7.80E-04	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.48E-05
1569	625196.2	4265319.37	7.66E-04	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
1570	625205.22	4265323.27	7.52E-04	2.59E-04	6.28E-04	1.94E-04	1.49E-04	4.95E-05	1.16E-04	2.39E-05
1571	625217.86	4265336.3	7.36E-04	2.53E-04	6.15E-04	1.90E-04	1.46E-04	4.85E-05	1.14E-04	2.34E-05
1572	625221.48	4265345.43	7.35E-04	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04	2.33E-05
1573	625225.09	4265354.57	7.33E-04	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04	2.33E-05
1574	625228.71	4265363.71	7.31E-04	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.81E-05	1.13E-04	2.32E-05
1575	625232.33	4265372.85	7.28E-04	2.50E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
1576	625235.95	4265381.99	7.26E-04	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
1577	625239.56	4265391.12	7.23E-04	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
1578	625243.18	4265400.26	7.21E-04	2.48E-04	6.02E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04	2.29E-05
1579	625246.8	4265409.4	7.18E-04	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05
1580	625250.41	4265418.54	7.15E-04	2.46E-04	5.97E-04	1.84E-04	1.41E-04	4.71E-05	1.10E-04	2.27E-05
1581	625254.03	4265427.68	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
1582	625257.65	4265436.81	7.09E-04	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
1583	625261.26	4265445.95	7.05E-04	2.43E-04	5.89E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
1584	625264.88	4265455.09	7.02E-04	2.41E-04	5.87E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04	2.23E-05
1585	625268.5	4265464.23	6.98E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.22E-05
1586	625272.11	4265473.37	6.94E-04	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05

1587	625275.73	4265482.5	6.90E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
1588	625279.35	4265491.64	6.86E-04	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04	2.18E-05
1589	625282.96	4265500.78	6.82E-04	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.49E-05	1.05E-04	2.16E-05
1590	625286.58	4265509.92	6.78E-04	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
1591	625290.2	4265519.06	6.73E-04	2.31E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
1592	625293.82	4265528.19	6.68E-04	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
1593	625297.43	4265537.33	6.64E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.11E-05
1594	625301.05	4265546.47	6.59E-04	2.26E-04	5.50E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04	2.09E-05
1595	625304.67	4265555.61	6.53E-04	2.25E-04	5.46E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
1596	625308.28	4265564.75	6.48E-04	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04	2.06E-05
1597	625311.9	4265573.88	6.42E-04	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.91E-05	2.04E-05
1598	625315.52	4265583.02	6.37E-04	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.82E-05	2.02E-05
1599	625319.13	4265592.16	6.31E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.16E-05	9.73E-05	2.00E-05
1600	625322.75	4265601.3	6.25E-04	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.11E-05	9.64E-05	1.98E-05
1601	625326.37	4265610.44	6.18E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05	1.96E-05
1602	625329.98	4265619.57	6.11E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05	1.94E-05
1603	625333.6	4265628.71	6.04E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.32E-05	1.92E-05
1604	625337.22	4265637.85	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.22E-05	1.90E-05
1605	625340.83	4265646.99	5.90E-04	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.89E-05	9.10E-05	1.87E-05
1606	625344.45	4265656.13	5.82E-04	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05	1.85E-05
1607	625348.07	4265665.26	5.75E-04	1.98E-04	4.80E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.82E-05
1608	625351.69	4265674.4	5.67E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05	1.80E-05
1609	624862.3	4265175.36	9.56E-04	3.29E-04	7.99E-04	2.46E-04	1.89E-04	6.30E-05	1.47E-04	3.03E-05
1610	624852.39	4265175.22	9.56E-04	3.29E-04	7.99E-04	2.46E-04	1.89E-04	6.30E-05	1.47E-04	3.03E-05
1611	624842.48	4265175.08	9.55E-04	3.28E-04	7.98E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
1612	624832.58	4265174.95	9.54E-04	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
1613	624822.67	4265174.81	9.53E-04	3.28E-04	7.96E-04	2.45E-04	1.89E-04	6.28E-05	1.47E-04	3.02E-05
1614	624812.76	4265174.67	9.51E-04	3.27E-04	7.94E-04	2.45E-04	1.88E-04	6.26E-05	1.47E-04	3.02E-05
1615	624802.85	4265174.53	9.48E-04	3.26E-04	7.92E-04	2.44E-04	1.88E-04	6.24E-05	1.46E-04	3.01E-05
1616	624792.94	4265174.4	9.44E-04	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	3.00E-05
1617	624783.03	4265174.26	9.40E-04	3.23E-04	7.86E-04	2.42E-04	1.86E-04	6.19E-05	1.45E-04	2.98E-05
1618	624773.12	4265174.12	9.35E-04	3.22E-04	7.82E-04	2.41E-04	1.85E-04	6.16E-05	1.44E-04	2.97E-05
1619	624763.21	4265173.98	9.30E-04	3.20E-04	7.77E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
1620	624753.31	4265173.85	9.23E-04	3.17E-04	7.72E-04	2.38E-04	1.83E-04	6.08E-05	1.42E-04	2.93E-05
1621	624743.4	4265173.71	9.16E-04	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.91E-05
1622	624733.49	4265173.57	9.07E-04	3.12E-04	7.58E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04	2.88E-05
1623	624723.58	4265173.43	8.98E-04	3.09E-04	7.51E-04	2.31E-04	1.78E-04	5.92E-05	1.39E-04	2.85E-05
1624	624713.67	4265173.3	8.88E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
1625	624703.76	4265173.16	8.78E-04	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04	2.79E-05
1626	624693.85	4265173.02	8.68E-04	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.72E-05	1.34E-04	2.75E-05
1627	624683.94	4265172.88	8.57E-04	2.95E-04	7.16E-04	2.21E-04	1.70E-04	5.65E-05	1.32E-04	2.72E-05
1628	624674.04	4265172.75	8.46E-04	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.31E-04	2.68E-05
1629	624664.13	4265172.61	8.34E-04	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
1630	624654.22	4265172.47	8.23E-04	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
1631	624644.31	4265172.34	8.12E-04	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
1632	624634.4	4265172.2	8.01E-04	2.75E-04	6.69E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04	2.54E-05
1633	624624.49	4265172.06	7.90E-04	2.72E-04	6.60E-04	2.03E-04	1.56E-04	5.21E-05	1.22E-04	2.51E-05
1634	624614.58	4265171.92	7.80E-04	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.47E-05
1635	624604.67	4265171.79	7.69E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
1636	624594.76	4265171.65	7.60E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05
1637	624584.86	4265171.51	7.50E-04	2.58E-04	6.27E-04	1.93E-04	1.49E-04	4.94E-05	1.16E-04	2.38E-05
1638	624574.95	4265171.37	7.41E-04	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04	2.35E-05
1639	624565.04	4265171.24	7.33E-04	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04	2.33E-05

1640	624555.13	4265171.1	7.24E-04	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
1641	624545.22	4265170.96	7.16E-04	2.46E-04	5.99E-04	1.84E-04	1.42E-04	4.72E-05	1.11E-04	2.27E-05
1642	624535.31	4265170.82	7.08E-04	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
1643	624525.4	4265170.69	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
1644	624515.49	4265170.55	6.93E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
1645	624505.59	4265170.41	6.85E-04	2.36E-04	5.73E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
1646	624495.68	4265170.27	6.77E-04	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.05E-04	2.15E-05
1647	624485.77	4265170.14	6.70E-04	2.30E-04	5.60E-04	1.72E-04	1.33E-04	4.41E-05	1.03E-04	2.13E-05
1648	624475.86	4265170	6.62E-04	2.28E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
1649	624465.95	4265169.86	6.54E-04	2.25E-04	5.47E-04	1.68E-04	1.30E-04	4.31E-05	1.01E-04	2.08E-05
1650	624456.04	4265169.72	6.47E-04	2.22E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05
1651	624446.13	4265169.59	6.39E-04	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.86E-05	2.03E-05
1652	624436.22	4265169.45	6.31E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.74E-05	2.00E-05
1653	624426.32	4265169.31	6.24E-04	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05	1.98E-05
1654	624416.41	4265169.18	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.50E-05	1.95E-05
1655	624406.5	4265169.04	6.08E-04	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05	1.93E-05
1656	624396.59	4265168.9	6.00E-04	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.26E-05	1.90E-05
1657	624386.68	4265168.76	5.92E-04	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
1658	624376.77	4265168.63	5.84E-04	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05	1.85E-05
1659	624366.86	4265168.49	5.76E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.88E-05	1.83E-05
1660	624872	4265129.25	8.60E-04	2.96E-04	7.19E-04	2.21E-04	1.70E-04	5.67E-05	1.33E-04	2.73E-05
1661	624881	4265133.13	8.67E-04	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
1662	624890.01	4265137.01	8.74E-04	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.77E-05
1663	624899.01	4265140.9	8.81E-04	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
1664	624908.01	4265144.78	8.86E-04	3.05E-04	7.41E-04	2.28E-04	1.75E-04	5.84E-05	1.37E-04	2.81E-05
1665	624917.01	4265148.66	8.92E-04	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
1666	624926.02	4265152.55	8.97E-04	3.08E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.38E-04	2.85E-05
1667	624935.02	4265156.43	9.01E-04	3.10E-04	7.53E-04	2.32E-04	1.78E-04	5.94E-05	1.39E-04	2.86E-05
1668	624944.02	4265160.31	9.05E-04	3.11E-04	7.57E-04	2.33E-04	1.79E-04	5.97E-05	1.40E-04	2.87E-05
1669	624953.03	4265164.2	9.09E-04	3.13E-04	7.60E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04	2.88E-05
1670	624962.03	4265168.08	9.12E-04	3.14E-04	7.62E-04	2.35E-04	1.80E-04	6.01E-05	1.41E-04	2.89E-05
1671	624971.03	4265171.96	9.14E-04	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.02E-05	1.41E-04	2.90E-05
1672	624980.04	4265175.85	9.16E-04	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.91E-05
1673	624989.04	4265179.73	9.17E-04	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.04E-05	1.41E-04	2.91E-05
1674	624998.04	4265183.61	9.17E-04	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.04E-05	1.41E-04	2.91E-05
1675	625007.05	4265187.5	9.16E-04	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.91E-05
1676	625016.05	4265191.38	9.14E-04	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.02E-05	1.41E-04	2.90E-05
1677	625025.05	4265195.26	9.12E-04	3.14E-04	7.62E-04	2.35E-04	1.80E-04	6.01E-05	1.41E-04	2.89E-05
1678	625034.06	4265199.14	9.09E-04	3.12E-04	7.59E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04	2.88E-05
1679	625043.06	4265203.03	9.04E-04	3.11E-04	7.56E-04	2.33E-04	1.79E-04	5.96E-05	1.40E-04	2.87E-05
1680	625052.06	4265206.91	8.99E-04	3.09E-04	7.52E-04	2.32E-04	1.78E-04	5.93E-05	1.39E-04	2.85E-05
1681	625061.07	4265210.79	8.94E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
1682	625070.07	4265214.68	8.87E-04	3.05E-04	7.41E-04	2.28E-04	1.76E-04	5.84E-05	1.37E-04	2.82E-05
1683	625079.07	4265218.56	8.80E-04	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
1684	625088.07	4265222.44	8.71E-04	3.00E-04	7.28E-04	2.24E-04	1.73E-04	5.74E-05	1.34E-04	2.77E-05
1685	625097.08	4265226.33	8.63E-04	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04	2.74E-05
1686	625106.08	4265230.21	8.53E-04	2.93E-04	7.13E-04	2.20E-04	1.69E-04	5.62E-05	1.32E-04	2.71E-05
1687	625115.08	4265234.09	8.43E-04	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04	2.68E-05
1688	625124.09	4265237.98	8.32E-04	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04	2.64E-05
1689	625133.09	4265241.86	8.21E-04	2.82E-04	6.86E-04	2.11E-04	1.63E-04	5.41E-05	1.27E-04	2.61E-05
1690	625142.09	4265245.74	8.10E-04	2.78E-04	6.77E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
1691	625151.1	4265249.63	7.98E-04	2.74E-04	6.67E-04	2.05E-04	1.58E-04	5.26E-05	1.23E-04	2.53E-05
1692	625160.1	4265253.51	7.86E-04	2.70E-04	6.57E-04	2.02E-04	1.56E-04	5.18E-05	1.21E-04	2.49E-05

1693	625169.1	4265257.39	7.74E-04	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.19E-04	2.45E-05
1694	625178.11	4265261.28	7.61E-04	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04	2.42E-05
1695	625187.11	4265265.16	7.49E-04	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.16E-04	2.38E-05
1696	625196.11	4265269.04	7.36E-04	2.53E-04	6.15E-04	1.90E-04	1.46E-04	4.85E-05	1.14E-04	2.34E-05
1697	625205.12	4265272.93	7.24E-04	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
1698	625214.12	4265276.81	7.11E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
1699	625223.12	4265280.69	6.99E-04	2.40E-04	5.84E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04	2.22E-05
1700	625232.12	4265284.58	6.87E-04	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05
1701	625241.13	4265288.46	6.75E-04	2.32E-04	5.64E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05
1702	625253.74	4265301.46	6.62E-04	2.28E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
1703	625257.35	4265310.58	6.60E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.10E-05
1704	625260.96	4265319.69	6.59E-04	2.27E-04	5.51E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04	2.09E-05
1705	625264.57	4265328.81	6.57E-04	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.09E-05
1706	625268.17	4265337.93	6.55E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
1707	625271.78	4265347.04	6.53E-04	2.25E-04	5.46E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
1708	625275.39	4265356.16	6.51E-04	2.24E-04	5.44E-04	1.68E-04	1.29E-04	4.29E-05	1.01E-04	2.07E-05
1709	625279	4265365.28	6.49E-04	2.23E-04	5.43E-04	1.67E-04	1.29E-04	4.28E-05	1.00E-04	2.06E-05
1710	625282.61	4265374.39	6.47E-04	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05
1711	625286.22	4265383.51	6.45E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05	2.05E-05
1712	625289.82	4265392.63	6.42E-04	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.91E-05	2.04E-05
1713	625293.43	4265401.74	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.87E-05	2.03E-05
1714	625297.04	4265410.86	6.37E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.83E-05	2.02E-05
1715	625300.65	4265419.98	6.34E-04	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05	2.01E-05
1716	625304.26	4265429.09	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.00E-05
1717	625307.87	4265438.21	6.29E-04	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05	2.00E-05
1718	625311.48	4265447.33	6.26E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.99E-05
1719	625315.08	4265456.44	6.22E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05	1.98E-05
1720	625318.69	4265465.56	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
1721	625322.3	4265474.68	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.50E-05	1.95E-05
1722	625325.91	4265483.8	6.12E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.03E-05	9.45E-05	1.94E-05
1723	625329.52	4265492.91	6.09E-04	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
1724	625333.13	4265502.03	6.05E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.33E-05	1.92E-05
1725	625336.73	4265511.15	6.01E-04	2.07E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.27E-05	1.91E-05
1726	625340.34	4265520.26	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05	1.89E-05
1727	625343.95	4265529.38	5.93E-04	2.04E-04	4.95E-04	1.53E-04	1.17E-04	3.90E-05	9.14E-05	1.88E-05
1728	625347.56	4265538.5	5.88E-04	2.02E-04	4.92E-04	1.51E-04	1.16E-04	3.88E-05	9.08E-05	1.87E-05
1729	625351.17	4265547.61	5.84E-04	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05	1.85E-05
1730	625354.78	4265556.73	5.79E-04	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05	1.84E-05
1731	625358.39	4265565.85	5.74E-04	1.97E-04	4.80E-04	1.48E-04	1.14E-04	3.78E-05	8.86E-05	1.82E-05
1732	625361.99	4265574.96	5.69E-04	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.78E-05	1.81E-05
1733	625365.6	4265584.08	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
1734	625369.21	4265593.2	5.59E-04	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.62E-05	1.77E-05
1735	625372.82	4265602.31	5.53E-04	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.53E-05	1.75E-05
1736	625376.43	4265611.43	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.61E-05	8.44E-05	1.74E-05
1737	625380.04	4265620.55	5.41E-04	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.57E-05	8.35E-05	1.72E-05
1738	625383.64	4265629.66	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05	1.70E-05
1739	625387.25	4265638.78	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05	1.68E-05
1740	625390.86	4265647.9	5.22E-04	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
1741	625394.47	4265657.01	5.16E-04	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
1742	625398.08	4265666.13	5.09E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05	1.62E-05
1743	625401.69	4265675.25	5.02E-04	1.73E-04	4.20E-04	1.29E-04	9.94E-05	3.31E-05	7.75E-05	1.59E-05
1744	624863	4265125.36	8.52E-04	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04	2.70E-05
1745	624853.09	4265125.23	8.51E-04	2.93E-04	7.11E-04	2.19E-04	1.68E-04	5.61E-05	1.31E-04	2.70E-05

1746	624843.18	4265125.09	8.49E-04	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.59E-05	1.31E-04	2.69E-05
1747	624833.27	4265124.95	8.47E-04	2.91E-04	7.08E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04	2.69E-05
1748	624823.36	4265124.81	8.45E-04	2.90E-04	7.06E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04	2.68E-05
1749	624813.45	4265124.68	8.42E-04	2.89E-04	7.04E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04	2.67E-05
1750	624803.54	4265124.54	8.38E-04	2.88E-04	7.01E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
1751	624793.63	4265124.4	8.35E-04	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
1752	624783.73	4265124.26	8.30E-04	2.86E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04	2.64E-05
1753	624773.82	4265124.13	8.26E-04	2.84E-04	6.90E-04	2.13E-04	1.63E-04	5.44E-05	1.27E-04	2.62E-05
1754	624763.91	4265123.99	8.20E-04	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.27E-04	2.60E-05
1755	624754	4265123.85	8.14E-04	2.80E-04	6.81E-04	2.10E-04	1.61E-04	5.36E-05	1.26E-04	2.58E-05
1756	624744.09	4265123.71	8.08E-04	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05
1757	624734.18	4265123.58	8.00E-04	2.75E-04	6.69E-04	2.06E-04	1.58E-04	5.27E-05	1.24E-04	2.54E-05
1758	624724.27	4265123.44	7.92E-04	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
1759	624714.36	4265123.3	7.84E-04	2.70E-04	6.55E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
1760	624704.46	4265123.16	7.75E-04	2.67E-04	6.48E-04	2.00E-04	1.53E-04	5.11E-05	1.20E-04	2.46E-05
1761	624694.55	4265123.03	7.67E-04	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
1762	624684.64	4265122.89	7.57E-04	2.60E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.40E-05
1763	624674.73	4265122.75	7.48E-04	2.57E-04	6.25E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04	2.37E-05
1764	624664.82	4265122.61	7.38E-04	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04	2.34E-05
1765	624654.91	4265122.48	7.29E-04	2.51E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
1766	624645	4265122.34	7.19E-04	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
1767	624635.09	4265122.2	7.10E-04	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
1768	624625.18	4265122.07	7.01E-04	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
1769	624615.28	4265121.93	6.92E-04	2.38E-04	5.78E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
1770	624605.37	4265121.79	6.84E-04	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
1771	624595.46	4265121.65	6.75E-04	2.32E-04	5.65E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05
1772	624585.55	4265121.52	6.68E-04	2.30E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
1773	624575.64	4265121.38	6.60E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
1774	624565.73	4265121.24	6.53E-04	2.25E-04	5.46E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
1775	624555.82	4265121.1	6.46E-04	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.26E-05	9.97E-05	2.05E-05
1776	624545.91	4265120.97	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
1777	624536.01	4265120.83	6.33E-04	2.18E-04	5.29E-04	1.63E-04	1.25E-04	4.17E-05	9.77E-05	2.01E-05
1778	624526.1	4265120.69	6.27E-04	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
1779	624516.19	4265120.55	6.20E-04	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
1780	624506.28	4265120.42	6.14E-04	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
1781	624496.37	4265120.28	6.08E-04	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05	1.93E-05
1782	624486.46	4265120.14	6.01E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05	1.91E-05
1783	624476.55	4265120	5.95E-04	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.92E-05	9.19E-05	1.89E-05
1784	624466.64	4265119.87	5.89E-04	2.03E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
1785	624456.74	4265119.73	5.83E-04	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05	1.85E-05
1786	624446.83	4265119.59	5.77E-04	1.98E-04	4.82E-04	1.48E-04	1.14E-04	3.80E-05	8.90E-05	1.83E-05
1787	624436.92	4265119.45	5.70E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
1788	624427.01	4265119.32	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
1789	624417.1	4265119.18	5.57E-04	1.92E-04	4.66E-04	1.43E-04	1.10E-04	3.67E-05	8.60E-05	1.77E-05
1790	624407.19	4265119.04	5.51E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.63E-05	8.49E-05	1.75E-05
1791	624397.28	4265118.91	5.44E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05	1.73E-05
1792	624387.37	4265118.77	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
1793	624377.46	4265118.63	5.31E-04	1.82E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
1794	624367.56	4265118.49	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.09E-05	1.66E-05
1795	624872.67	4265079.24	7.70E-04	2.65E-04	6.44E-04	1.98E-04	1.52E-04	5.08E-05	1.19E-04	2.44E-05
1796	624881.66	4265083.12	7.78E-04	2.67E-04	6.50E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.47E-05
1797	624890.65	4265086.99	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
1798	624899.63	4265090.87	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05

1799	624908.62	4265094.75	7.97E-04	2.74E-04	6.67E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04	2.53E-05
1800	624917.6	4265098.62	8.03E-04	2.76E-04	6.71E-04	2.07E-04	1.59E-04	5.29E-05	1.24E-04	2.55E-05
1801	624926.59	4265102.5	8.09E-04	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
1802	624935.57	4265106.37	8.14E-04	2.80E-04	6.80E-04	2.10E-04	1.61E-04	5.36E-05	1.26E-04	2.58E-05
1803	624944.56	4265110.25	8.19E-04	2.82E-04	6.84E-04	2.11E-04	1.62E-04	5.39E-05	1.26E-04	2.60E-05
1804	624953.55	4265114.13	8.23E-04	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
1805	624962.53	4265118	8.27E-04	2.84E-04	6.91E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.62E-05
1806	624971.52	4265121.88	8.30E-04	2.86E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04	2.63E-05
1807	624980.5	4265125.75	8.33E-04	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.49E-05	1.29E-04	2.64E-05
1808	624989.49	4265129.63	8.35E-04	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
1809	624998.48	4265133.5	8.37E-04	2.88E-04	6.99E-04	2.15E-04	1.66E-04	5.51E-05	1.29E-04	2.66E-05
1810	625007.46	4265137.38	8.38E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
1811	625016.45	4265141.26	8.38E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
1812	625025.43	4265145.13	8.37E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
1813	625034.42	4265149.01	8.36E-04	2.87E-04	6.99E-04	2.15E-04	1.65E-04	5.51E-05	1.29E-04	2.65E-05
1814	625043.4	4265152.88	8.34E-04	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.49E-05	1.29E-04	2.65E-05
1815	625052.39	4265156.76	8.31E-04	2.86E-04	6.95E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04	2.64E-05
1816	625061.38	4265160.63	8.28E-04	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
1817	625070.36	4265164.51	8.24E-04	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.43E-05	1.27E-04	2.61E-05
1818	625079.35	4265168.39	8.19E-04	2.82E-04	6.84E-04	2.11E-04	1.62E-04	5.40E-05	1.26E-04	2.60E-05
1819	625088.33	4265172.26	8.13E-04	2.80E-04	6.80E-04	2.09E-04	1.61E-04	5.36E-05	1.26E-04	2.58E-05
1820	625097.32	4265176.14	8.07E-04	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05
1821	625106.3	4265180.01	8.00E-04	2.75E-04	6.69E-04	2.06E-04	1.58E-04	5.27E-05	1.24E-04	2.54E-05
1822	625115.29	4265183.89	7.93E-04	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.52E-05
1823	625124.28	4265187.76	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
1824	625133.26	4265191.64	7.76E-04	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.46E-05
1825	625142.25	4265195.52	7.67E-04	2.64E-04	6.41E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04	2.44E-05
1826	625151.23	4265199.39	7.58E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.41E-05
1827	625160.22	4265203.27	7.48E-04	2.57E-04	6.25E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04	2.37E-05
1828	625169.2	4265207.14	7.38E-04	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.86E-05	1.14E-04	2.34E-05
1829	625178.19	4265211.02	7.28E-04	2.50E-04	6.08E-04	1.87E-04	1.44E-04	4.79E-05	1.12E-04	2.31E-05
1830	625187.18	4265214.89	7.17E-04	2.47E-04	5.99E-04	1.85E-04	1.42E-04	4.72E-05	1.11E-04	2.28E-05
1831	625196.16	4265218.77	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
1832	625205.15	4265222.65	6.95E-04	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04	2.21E-05
1833	625214.13	4265226.52	6.84E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
1834	625223.12	4265230.4	6.74E-04	2.32E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
1835	625232.1	4265234.27	6.63E-04	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.10E-05
1836	625241.09	4265238.15	6.52E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
1837	625250.08	4265242.02	6.41E-04	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.89E-05	2.04E-05
1838	625259.06	4265245.9	6.31E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.16E-05	9.73E-05	2.00E-05
1839	625268.05	4265249.78	6.20E-04	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
1840	625277.03	4265253.65	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
1841	625289.62	4265266.63	5.99E-04	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.24E-05	1.90E-05
1842	625293.22	4265275.73	5.98E-04	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05	1.90E-05
1843	625296.82	4265284.83	5.96E-04	2.05E-04	4.98E-04	1.54E-04	1.18E-04	3.93E-05	9.20E-05	1.89E-05
1844	625300.42	4265293.92	5.95E-04	2.05E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.18E-05	1.89E-05
1845	625304.03	4265303.02	5.94E-04	2.04E-04	4.96E-04	1.53E-04	1.17E-04	3.91E-05	9.16E-05	1.88E-05
1846	625307.63	4265312.12	5.92E-04	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.14E-05	1.88E-05
1847	625311.23	4265321.22	5.90E-04	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.89E-05	9.11E-05	1.87E-05
1848	625314.83	4265330.32	5.89E-04	2.02E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.08E-05	1.87E-05
1849	625318.43	4265339.42	5.87E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.06E-05	1.86E-05
1850	625322.03	4265348.52	5.85E-04	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.86E-05	9.03E-05	1.86E-05
1851	625325.63	4265357.62	5.83E-04	2.01E-04	4.88E-04	1.50E-04	1.15E-04	3.84E-05	9.00E-05	1.85E-05

1852	625329.24	4265366.72	5.81E-04	2.00E-04	4.86E-04	1.50E-04	1.15E-04	3.83E-05	8.97E-05	1.84E-05
1853	625332.84	4265375.82	5.79E-04	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.82E-05	8.94E-05	1.84E-05
1854	625336.44	4265384.92	5.77E-04	1.98E-04	4.82E-04	1.49E-04	1.14E-04	3.80E-05	8.91E-05	1.83E-05
1855	625340.04	4265394.01	5.75E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.82E-05
1856	625343.64	4265403.11	5.73E-04	1.97E-04	4.79E-04	1.47E-04	1.13E-04	3.77E-05	8.84E-05	1.82E-05
1857	625347.24	4265412.21	5.70E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
1858	625350.85	4265421.31	5.68E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.76E-05	1.80E-05
1859	625354.45	4265430.41	5.65E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.72E-05	1.79E-05
1860	625358.05	4265439.51	5.62E-04	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.78E-05
1861	625361.65	4265448.61	5.60E-04	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05	1.78E-05
1862	625365.25	4265457.71	5.57E-04	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.59E-05	1.77E-05
1863	625368.85	4265466.81	5.54E-04	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05	1.76E-05
1864	625372.45	4265475.91	5.50E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.63E-05	8.49E-05	1.75E-05
1865	625376.06	4265485.01	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.61E-05	8.44E-05	1.74E-05
1866	625379.66	4265494.11	5.44E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05	1.73E-05
1867	625383.26	4265503.2	5.40E-04	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.56E-05	8.34E-05	1.72E-05
1868	625386.86	4265512.3	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
1869	625390.46	4265521.4	5.33E-04	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05	1.69E-05
1870	625394.06	4265530.5	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
1871	625397.66	4265539.6	5.25E-04	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05
1872	625401.27	4265548.7	5.21E-04	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
1873	625404.87	4265557.8	5.17E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
1874	625408.47	4265566.9	5.12E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.91E-05	1.63E-05
1875	625412.07	4265576	5.08E-04	1.75E-04	4.24E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05	1.61E-05
1876	625415.67	4265585.1	5.03E-04	1.73E-04	4.21E-04	1.30E-04	9.96E-05	3.31E-05	7.76E-05	1.60E-05
1877	625419.27	4265594.2	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05	1.58E-05
1878	625422.88	4265603.29	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.57E-05
1879	625426.48	4265612.39	4.88E-04	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.22E-05	7.53E-05	1.55E-05
1880	625430.08	4265621.49	4.83E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.45E-05	1.53E-05
1881	625433.68	4265630.59	4.77E-04	1.64E-04	3.99E-04	1.23E-04	9.44E-05	3.14E-05	7.36E-05	1.51E-05
1882	625437.28	4265639.69	4.72E-04	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.28E-05	1.50E-05
1883	625440.88	4265648.79	4.66E-04	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
1884	625444.48	4265657.89	4.60E-04	1.58E-04	3.85E-04	1.18E-04	9.11E-05	3.03E-05	7.10E-05	1.46E-05
1885	625448.09	4265666.99	4.54E-04	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05	1.44E-05
1886	625451.69	4265676.09	4.48E-04	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05	1.42E-05
1887	624863.69	4265075.37	7.63E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.03E-05	1.18E-04	2.42E-05
1888	624853.78	4265075.23	7.61E-04	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04	2.41E-05
1889	624843.87	4265075.09	7.58E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
1890	624833.96	4265074.96	7.55E-04	2.60E-04	6.31E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
1891	624824.05	4265074.82	7.53E-04	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04	2.39E-05
1892	624814.15	4265074.68	7.50E-04	2.58E-04	6.27E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04	2.38E-05
1893	624804.24	4265074.54	7.46E-04	2.57E-04	6.24E-04	1.92E-04	1.48E-04	4.92E-05	1.15E-04	2.37E-05
1894	624794.33	4265074.41	7.42E-04	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.89E-05	1.15E-04	2.36E-05
1895	624784.42	4265074.27	7.38E-04	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.86E-05	1.14E-04	2.34E-05
1896	624774.51	4265074.13	7.34E-04	2.52E-04	6.13E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04	2.33E-05
1897	624764.6	4265073.99	7.29E-04	2.51E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
1898	624754.69	4265073.86	7.24E-04	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
1899	624744.78	4265073.72	7.18E-04	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05
1900	624734.87	4265073.58	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
1901	624724.97	4265073.44	7.05E-04	2.42E-04	5.89E-04	1.81E-04	1.40E-04	4.64E-05	1.09E-04	2.24E-05
1902	624715.06	4265073.31	6.98E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05
1903	624705.15	4265073.17	6.91E-04	2.38E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
1904	624695.24	4265073.03	6.84E-04	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05

1905	624685.33	4265072.89	6.76E-04	2.32E-04	5.65E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.15E-05
1906	624675.42	4265072.76	6.68E-04	2.30E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
1907	624665.51	4265072.62	6.60E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.10E-05
1908	624655.6	4265072.48	6.52E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
1909	624645.7	4265072.34	6.44E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.24E-05	9.94E-05	2.04E-05
1910	624635.79	4265072.21	6.36E-04	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.82E-05	2.02E-05
1911	624625.88	4265072.07	6.29E-04	2.16E-04	5.26E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05	2.00E-05
1912	624615.97	4265071.93	6.21E-04	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.59E-05	1.97E-05
1913	624606.06	4265071.8	6.14E-04	2.11E-04	5.13E-04	1.58E-04	1.22E-04	4.05E-05	9.47E-05	1.95E-05
1914	624596.15	4265071.66	6.07E-04	2.09E-04	5.07E-04	1.56E-04	1.20E-04	4.00E-05	9.37E-05	1.93E-05
1915	624586.24	4265071.52	6.00E-04	2.06E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.26E-05	1.91E-05
1916	624576.33	4265071.38	5.94E-04	2.04E-04	4.96E-04	1.53E-04	1.18E-04	3.91E-05	9.16E-05	1.88E-05
1917	624566.43	4265071.25	5.88E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.86E-05
1918	624556.52	4265071.11	5.82E-04	2.00E-04	4.86E-04	1.50E-04	1.15E-04	3.83E-05	8.98E-05	1.85E-05
1919	624546.61	4265070.97	5.76E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.80E-05	8.89E-05	1.83E-05
1920	624536.7	4265070.83	5.70E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
1921	624526.79	4265070.7	5.65E-04	1.94E-04	4.72E-04	1.46E-04	1.12E-04	3.72E-05	8.72E-05	1.79E-05
1922	624516.88	4265070.56	5.60E-04	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05	1.78E-05
1923	624506.97	4265070.42	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.56E-05	1.76E-05
1924	624497.06	4265070.28	5.50E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
1925	624487.15	4265070.15	5.45E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.40E-05	1.73E-05
1926	624477.25	4265070.01	5.39E-04	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.55E-05	8.32E-05	1.71E-05
1927	624467.34	4265069.87	5.34E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05	1.70E-05
1928	624457.43	4265069.73	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05	1.68E-05
1929	624447.52	4265069.6	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
1930	624437.61	4265069.46	5.18E-04	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.41E-05	7.99E-05	1.64E-05
1931	624427.7	4265069.32	5.13E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.91E-05	1.63E-05
1932	624417.79	4265069.18	5.07E-04	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
1933	624407.88	4265069.05	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.74E-05	1.59E-05
1934	624397.98	4265068.91	4.96E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.27E-05	7.65E-05	1.57E-05
1935	624388.07	4265068.77	4.90E-04	1.69E-04	4.10E-04	1.26E-04	9.70E-05	3.23E-05	7.56E-05	1.56E-05
1936	624378.16	4265068.64	4.85E-04	1.67E-04	4.05E-04	1.25E-04	9.59E-05	3.19E-05	7.48E-05	1.54E-05
1937	624368.25	4265068.5	4.79E-04	1.65E-04	4.00E-04	1.23E-04	9.48E-05	3.16E-05	7.39E-05	1.52E-05
1938	624873.35	4265029.24	6.93E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
1939	624882.32	4265033.11	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04	2.22E-05
1940	624891.3	4265036.98	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
1941	624900.27	4265040.85	7.13E-04	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04	2.26E-05
1942	624909.24	4265044.72	7.19E-04	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
1943	624918.21	4265048.59	7.25E-04	2.49E-04	6.06E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
1944	624927.18	4265052.46	7.31E-04	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.82E-05	1.13E-04	2.32E-05
1945	624936.15	4265056.33	7.37E-04	2.53E-04	6.16E-04	1.90E-04	1.46E-04	4.86E-05	1.14E-04	2.34E-05
1946	624945.12	4265060.2	7.42E-04	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.89E-05	1.15E-04	2.36E-05
1947	624954.09	4265064.07	7.47E-04	2.57E-04	6.24E-04	1.92E-04	1.48E-04	4.92E-05	1.15E-04	2.37E-05
1948	624963.06	4265067.94	7.51E-04	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
1949	624972.03	4265071.81	7.56E-04	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
1950	624981.01	4265075.67	7.59E-04	2.61E-04	6.35E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
1951	624989.98	4265079.54	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
1952	624998.95	4265083.41	7.65E-04	2.63E-04	6.39E-04	1.97E-04	1.51E-04	5.04E-05	1.18E-04	2.43E-05
1953	625007.92	4265087.28	7.67E-04	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
1954	625016.89	4265091.15	7.68E-04	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.19E-04	2.44E-05
1955	625025.86	4265095.02	7.69E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
1956	625034.83	4265098.89	7.70E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
1957	625043.8	4265102.76	7.69E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05

1958	625052.77	4265106.63	7.68E-04	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.19E-04	2.44E-05
1959	625061.75	4265110.5	7.67E-04	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
1960	625070.72	4265114.37	7.65E-04	2.63E-04	6.39E-04	1.97E-04	1.51E-04	5.04E-05	1.18E-04	2.43E-05
1961	625079.69	4265118.24	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
1962	625088.66	4265122.11	7.58E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
1963	625097.63	4265125.98	7.54E-04	2.59E-04	6.30E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.39E-05
1964	625106.6	4265129.85	7.50E-04	2.58E-04	6.27E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04	2.38E-05
1965	625115.57	4265133.72	7.44E-04	2.56E-04	6.22E-04	1.92E-04	1.47E-04	4.90E-05	1.15E-04	2.36E-05
1966	625124.54	4265137.59	7.39E-04	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04	2.34E-05
1967	625133.51	4265141.46	7.32E-04	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.82E-05	1.13E-04	2.32E-05
1968	625142.48	4265145.32	7.25E-04	2.49E-04	6.06E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
1969	625151.46	4265149.19	7.18E-04	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05
1970	625160.43	4265153.06	7.10E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
1971	625169.4	4265156.93	7.02E-04	2.41E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
1972	625178.37	4265160.8	6.94E-04	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
1973	625187.34	4265164.67	6.85E-04	2.36E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
1974	625196.31	4265168.54	6.76E-04	2.32E-04	5.65E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05
1975	625205.28	4265172.41	6.67E-04	2.29E-04	5.57E-04	1.72E-04	1.32E-04	4.39E-05	1.03E-04	2.12E-05
1976	625214.25	4265176.28	6.57E-04	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.09E-05
1977	625223.22	4265180.15	6.48E-04	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.27E-05	9.99E-05	2.06E-05
1978	625232.2	4265184.02	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.85E-05	2.03E-05
1979	625241.17	4265187.89	6.29E-04	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05	2.00E-05
1980	625250.14	4265191.76	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
1981	625259.11	4265195.63	6.10E-04	2.10E-04	5.09E-04	1.57E-04	1.21E-04	4.02E-05	9.41E-05	1.93E-05
1982	625268.08	4265199.5	6.00E-04	2.06E-04	5.02E-04	1.54E-04	1.19E-04	3.95E-05	9.26E-05	1.90E-05
1983	625277.05	4265203.37	5.91E-04	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.89E-05	9.12E-05	1.87E-05
1984	625286.02	4265207.24	5.82E-04	2.00E-04	4.86E-04	1.50E-04	1.15E-04	3.83E-05	8.97E-05	1.85E-05
1985	625294.99	4265211.1	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05	1.82E-05
1986	625303.96	4265214.97	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
1987	625312.93	4265218.84	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.65E-05	8.56E-05	1.76E-05
1988	625325.5	4265231.8	5.45E-04	1.87E-04	4.56E-04	1.40E-04	1.08E-04	3.59E-05	8.41E-05	1.73E-05
1989	625329.1	4265240.88	5.44E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.40E-05	1.73E-05
1990	625332.69	4265249.97	5.43E-04	1.87E-04	4.54E-04	1.40E-04	1.07E-04	3.58E-05	8.38E-05	1.72E-05
1991	625336.29	4265259.05	5.42E-04	1.86E-04	4.53E-04	1.40E-04	1.07E-04	3.57E-05	8.36E-05	1.72E-05
1992	625339.88	4265268.13	5.41E-04	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.56E-05	8.34E-05	1.72E-05
1993	625343.48	4265277.22	5.40E-04	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.55E-05	8.33E-05	1.71E-05
1994	625347.08	4265286.3	5.38E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05
1995	625350.67	4265295.39	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05
1996	625354.27	4265304.47	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05	1.70E-05
1997	625357.86	4265313.56	5.34E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05	1.70E-05
1998	625361.46	4265322.64	5.33E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05
1999	625365.05	4265331.72	5.31E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
2000	625368.65	4265340.81	5.30E-04	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
2001	625372.24	4265349.89	5.28E-04	1.82E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.15E-05	1.68E-05
2002	625375.84	4265358.98	5.26E-04	1.81E-04	4.40E-04	1.35E-04	1.04E-04	3.47E-05	8.12E-05	1.67E-05
2003	625379.44	4265368.06	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.09E-05	1.66E-05
2004	625383.03	4265377.15	5.22E-04	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
2005	625386.63	4265386.23	5.20E-04	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
2006	625390.22	4265395.31	5.18E-04	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.42E-05	8.00E-05	1.64E-05
2007	625393.82	4265404.4	5.16E-04	1.78E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
2008	625397.41	4265413.48	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
2009	625401.01	4265422.57	5.12E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05	1.62E-05
2010	625404.6	4265431.65	5.09E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.35E-05	7.86E-05	1.62E-05

2011	625408.2	4265440.74	5.07E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
2012	625411.8	4265449.82	5.04E-04	1.73E-04	4.21E-04	1.30E-04	9.98E-05	3.32E-05	7.78E-05	1.60E-05
2013	625415.39	4265458.9	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.73E-05	1.59E-05
2014	625418.99	4265467.99	4.98E-04	1.71E-04	4.17E-04	1.28E-04	9.87E-05	3.28E-05	7.69E-05	1.58E-05
2015	625422.58	4265477.07	4.95E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.65E-05	1.57E-05
2016	625426.18	4265486.16	4.92E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05	1.56E-05
2017	625429.77	4265495.24	4.89E-04	1.68E-04	4.09E-04	1.26E-04	9.68E-05	3.22E-05	7.55E-05	1.55E-05
2018	625433.37	4265504.32	4.86E-04	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
2019	625436.97	4265513.41	4.83E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.45E-05	1.53E-05
2020	625440.56	4265522.49	4.79E-04	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.39E-05	1.52E-05
2021	625444.16	4265531.58	4.76E-04	1.64E-04	3.98E-04	1.22E-04	9.41E-05	3.13E-05	7.34E-05	1.51E-05
2022	625447.75	4265540.66	4.72E-04	1.62E-04	3.94E-04	1.22E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
2023	625451.35	4265549.75	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
2024	625454.94	4265558.83	4.64E-04	1.60E-04	3.88E-04	1.20E-04	9.19E-05	3.06E-05	7.16E-05	1.47E-05
2025	625458.54	4265567.91	4.60E-04	1.58E-04	3.85E-04	1.18E-04	9.11E-05	3.03E-05	7.10E-05	1.46E-05
2026	625462.13	4265577	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.00E-05	7.04E-05	1.45E-05
2027	625465.73	4265586.08	4.52E-04	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05	1.43E-05
2028	625469.33	4265595.17	4.47E-04	1.54E-04	3.74E-04	1.15E-04	8.85E-05	2.95E-05	6.90E-05	1.42E-05
2029	625472.92	4265604.25	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.76E-05	2.92E-05	6.83E-05	1.40E-05
2030	625476.52	4265613.34	4.38E-04	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.88E-05	6.76E-05	1.39E-05
2031	625480.11	4265622.42	4.33E-04	1.49E-04	3.62E-04	1.11E-04	8.57E-05	2.85E-05	6.68E-05	1.37E-05
2032	625483.71	4265631.5	4.28E-04	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05	1.36E-05
2033	625487.3	4265640.59	4.23E-04	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05	1.34E-05
2034	625490.9	4265649.67	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05	1.33E-05
2035	625494.5	4265658.76	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05	1.31E-05
2036	625498.09	4265667.84	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.69E-05	6.29E-05	1.29E-05
2037	625501.69	4265676.93	4.03E-04	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
2038	624864.38	4265025.37	6.85E-04	2.36E-04	5.73E-04	1.76E-04	1.36E-04	4.52E-05	1.06E-04	2.17E-05
2039	624854.47	4265025.24	6.83E-04	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
2040	624844.56	4265025.1	6.80E-04	2.34E-04	5.68E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04	2.16E-05
2041	624834.66	4265024.96	6.77E-04	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
2042	624824.75	4265024.82	6.74E-04	2.32E-04	5.64E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
2043	624814.84	4265024.69	6.71E-04	2.31E-04	5.61E-04	1.73E-04	1.33E-04	4.42E-05	1.04E-04	2.13E-05
2044	624804.93	4265024.55	6.68E-04	2.30E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
2045	624795.02	4265024.41	6.64E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.38E-05	1.02E-04	2.11E-05
2046	624785.11	4265024.27	6.60E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.10E-05
2047	624775.2	4265024.14	6.56E-04	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
2048	624765.29	4265024	6.52E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
2049	624755.39	4265023.86	6.48E-04	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.27E-05	9.99E-05	2.06E-05
2050	624745.48	4265023.72	6.43E-04	2.21E-04	5.37E-04	1.66E-04	1.27E-04	4.24E-05	9.92E-05	2.04E-05
2051	624735.57	4265023.59	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05	2.02E-05
2052	624725.66	4265023.45	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.17E-05	9.75E-05	2.01E-05
2053	624715.75	4265023.31	6.26E-04	2.15E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
2054	624705.84	4265023.17	6.21E-04	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05	1.97E-05
2055	624695.93	4265023.04	6.15E-04	2.11E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.48E-05	1.95E-05
2056	624686.02	4265022.9	6.08E-04	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
2057	624676.12	4265022.76	6.02E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.97E-05	9.29E-05	1.91E-05
2058	624666.21	4265022.62	5.96E-04	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.92E-05	9.19E-05	1.89E-05
2059	624656.3	4265022.49	5.89E-04	2.03E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
2060	624646.39	4265022.35	5.82E-04	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05	1.85E-05
2061	624636.48	4265022.21	5.76E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.89E-05	1.83E-05
2062	624626.57	4265022.07	5.69E-04	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.79E-05	1.81E-05
2063	624616.66	4265021.94	5.63E-04	1.94E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.79E-05

2064	624606.75	4265021.8	5.56E-04	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.58E-05	1.77E-05
2065	624596.84	4265021.66	5.50E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.49E-05	1.75E-05
2066	624586.94	4265021.53	5.44E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.40E-05	1.73E-05
2067	624577.03	4265021.39	5.39E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05
2068	624567.12	4265021.25	5.33E-04	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05	1.69E-05
2069	624557.21	4265021.11	5.28E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05	1.68E-05
2070	624547.3	4265020.98	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
2071	624537.39	4265020.84	5.19E-04	1.78E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
2072	624527.48	4265020.7	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
2073	624517.57	4265020.56	5.10E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05	1.62E-05
2074	624507.67	4265020.43	5.05E-04	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.60E-05
2075	624497.76	4265020.29	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.73E-05	1.59E-05
2076	624487.85	4265020.15	4.96E-04	1.71E-04	4.15E-04	1.28E-04	9.83E-05	3.27E-05	7.66E-05	1.58E-05
2077	624477.94	4265020.01	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05	1.56E-05
2078	624468.03	4265019.88	4.87E-04	1.68E-04	4.07E-04	1.26E-04	9.65E-05	3.21E-05	7.52E-05	1.55E-05
2079	624458.12	4265019.74	4.83E-04	1.66E-04	4.04E-04	1.24E-04	9.56E-05	3.18E-05	7.45E-05	1.53E-05
2080	624448.21	4265019.6	4.78E-04	1.64E-04	4.00E-04	1.23E-04	9.47E-05	3.15E-05	7.38E-05	1.52E-05
2081	624438.3	4265019.46	4.73E-04	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.31E-05	1.50E-05
2082	624428.4	4265019.33	4.69E-04	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.23E-05	1.49E-05
2083	624418.49	4265019.19	4.64E-04	1.60E-04	3.88E-04	1.19E-04	9.18E-05	3.06E-05	7.16E-05	1.47E-05
2084	624408.58	4265019.05	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.02E-05	7.08E-05	1.46E-05
2085	624398.67	4265018.91	4.54E-04	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05	1.44E-05
2086	624388.76	4265018.78	4.49E-04	1.55E-04	3.76E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.43E-05
2087	624378.85	4265018.64	4.44E-04	1.53E-04	3.72E-04	1.14E-04	8.80E-05	2.93E-05	6.86E-05	1.41E-05
2088	624368.94	4265018.5	4.40E-04	1.51E-04	3.67E-04	1.13E-04	8.70E-05	2.90E-05	6.78E-05	1.40E-05
2089	624874.03	4264979.24	6.25E-04	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05	1.98E-05
2090	624882.99	4264983.11	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.00E-05
2091	624891.95	4264986.97	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.85E-05	2.03E-05
2092	624900.91	4264990.83	6.45E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05	2.05E-05
2093	624909.87	4264994.7	6.51E-04	2.24E-04	5.44E-04	1.68E-04	1.29E-04	4.29E-05	1.00E-04	2.07E-05
2094	624918.83	4264998.56	6.57E-04	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.08E-05
2095	624927.79	4265002.43	6.63E-04	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.10E-05
2096	624936.74	4265006.29	6.68E-04	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
2097	624945.7	4265010.15	6.74E-04	2.32E-04	5.63E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
2098	624954.66	4265014.02	6.79E-04	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.48E-05	1.05E-04	2.16E-05
2099	624963.62	4265017.88	6.84E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
2100	624972.58	4265021.75	6.89E-04	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
2101	624981.54	4265025.61	6.93E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
2102	624990.49	4265029.47	6.97E-04	2.40E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.07E-04	2.21E-05
2103	624999.45	4265033.34	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04	2.22E-05
2104	625008.41	4265037.2	7.03E-04	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
2105	625017.37	4265041.07	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
2106	625026.33	4265044.93	7.08E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
2107	625035.29	4265048.79	7.09E-04	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
2108	625044.25	4265052.66	7.10E-04	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
2109	625053.2	4265056.52	7.11E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.26E-05
2110	625062.16	4265060.39	7.10E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
2111	625071.12	4265064.25	7.10E-04	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
2112	625080.08	4265068.11	7.09E-04	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
2113	625089.04	4265071.98	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
2114	625098	4265075.84	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
2115	625106.96	4265079.71	7.01E-04	2.41E-04	5.86E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04	2.23E-05
2116	625115.91	4265083.57	6.98E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05

2117	625124.87	4265087.43	6.94E-04	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
2118	625133.83	4265091.3	6.89E-04	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
2119	625142.79	4265095.16	6.84E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
2120	625151.75	4265099.03	6.79E-04	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
2121	625160.71	4265102.89	6.73E-04	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.14E-05
2122	625169.66	4265106.75	6.67E-04	2.29E-04	5.57E-04	1.72E-04	1.32E-04	4.39E-05	1.03E-04	2.12E-05
2123	625178.62	4265110.62	6.60E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
2124	625187.58	4265114.48	6.53E-04	2.24E-04	5.46E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
2125	625196.54	4265118.35	6.45E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.96E-05	2.05E-05
2126	625205.5	4265122.21	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05	2.02E-05
2127	625214.46	4265126.07	6.30E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.72E-05	2.00E-05
2128	625223.42	4265129.94	6.22E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05	1.97E-05
2129	625232.37	4265133.8	6.14E-04	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
2130	625241.33	4265137.67	6.05E-04	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.34E-05	1.92E-05
2131	625250.29	4265141.53	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05	1.89E-05
2132	625259.25	4265145.39	5.88E-04	2.02E-04	4.92E-04	1.51E-04	1.16E-04	3.88E-05	9.08E-05	1.87E-05
2133	625268.21	4265149.26	5.80E-04	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05	1.84E-05
2134	625277.17	4265153.12	5.71E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.76E-05	8.82E-05	1.81E-05
2135	625286.13	4265156.99	5.63E-04	1.94E-04	4.71E-04	1.45E-04	1.11E-04	3.71E-05	8.69E-05	1.79E-05
2136	625295.08	4265160.85	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.65E-05	8.56E-05	1.76E-05
2137	625304.04	4265164.71	5.46E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.43E-05	1.73E-05
2138	625313	4265168.58	5.38E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05
2139	625321.96	4265172.44	5.30E-04	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
2140	625330.92	4265176.31	5.22E-04	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
2141	625339.88	4265180.17	5.15E-04	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
2142	625348.83	4265184.03	5.07E-04	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
2143	625361.38	4265196.97	4.99E-04	1.72E-04	4.17E-04	1.28E-04	9.88E-05	3.29E-05	7.70E-05	1.58E-05
2144	625364.97	4265206.04	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05	1.58E-05
2145	625368.57	4265215.11	4.97E-04	1.71E-04	4.16E-04	1.28E-04	9.84E-05	3.28E-05	7.67E-05	1.58E-05
2146	625372.16	4265224.18	4.96E-04	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.66E-05	1.58E-05
2147	625375.75	4265233.26	4.95E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.64E-05	1.57E-05
2148	625379.34	4265242.33	4.94E-04	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05	1.57E-05
2149	625382.93	4265251.4	4.94E-04	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05	1.57E-05
2150	625386.52	4265260.47	4.93E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05	1.56E-05
2151	625390.11	4265269.54	4.91E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.58E-05	1.56E-05
2152	625393.7	4265278.61	4.90E-04	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05	1.56E-05
2153	625397.29	4265287.68	4.89E-04	1.68E-04	4.09E-04	1.26E-04	9.68E-05	3.22E-05	7.55E-05	1.55E-05
2154	625400.88	4265296.76	4.88E-04	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.22E-05	7.53E-05	1.55E-05
2155	625404.47	4265305.83	4.87E-04	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.21E-05	7.51E-05	1.54E-05
2156	625408.06	4265314.9	4.85E-04	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05	1.54E-05
2157	625411.65	4265323.97	4.84E-04	1.66E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05	1.54E-05
2158	625415.24	4265333.04	4.83E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.45E-05	1.53E-05
2159	625418.83	4265342.11	4.81E-04	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05	1.53E-05
2160	625422.42	4265351.19	4.80E-04	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.40E-05	1.52E-05
2161	625426.01	4265360.26	4.78E-04	1.64E-04	3.99E-04	1.23E-04	9.46E-05	3.15E-05	7.37E-05	1.52E-05
2162	625429.6	4265369.33	4.76E-04	1.64E-04	3.98E-04	1.23E-04	9.42E-05	3.14E-05	7.35E-05	1.51E-05
2163	625433.2	4265378.4	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.13E-05	7.32E-05	1.51E-05
2164	625436.79	4265387.47	4.72E-04	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
2165	625440.38	4265396.54	4.70E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
2166	625443.97	4265405.61	4.68E-04	1.61E-04	3.91E-04	1.20E-04	9.26E-05	3.08E-05	7.22E-05	1.49E-05
2167	625447.56	4265414.69	4.66E-04	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
2168	625451.15	4265423.76	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05	1.47E-05
2169	625454.74	4265432.83	4.61E-04	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05	1.46E-05

2170	625458.33	4265441.9	4.58E-04	1.58E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05	1.45E-05
2171	625461.92	4265450.97	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
2172	625465.51	4265460.04	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.98E-05	2.99E-05	7.00E-05	1.44E-05
2173	625469.1	4265469.12	4.51E-04	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05	1.43E-05
2174	625472.69	4265478.19	4.48E-04	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05	1.42E-05
2175	625476.28	4265487.26	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05	1.41E-05
2176	625479.87	4265496.33	4.42E-04	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
2177	625483.46	4265505.4	4.39E-04	1.51E-04	3.67E-04	1.13E-04	8.69E-05	2.89E-05	6.77E-05	1.39E-05
2178	625487.05	4265514.47	4.36E-04	1.50E-04	3.64E-04	1.12E-04	8.63E-05	2.87E-05	6.72E-05	1.38E-05
2179	625490.64	4265523.55	4.32E-04	1.49E-04	3.61E-04	1.11E-04	8.56E-05	2.85E-05	6.67E-05	1.37E-05
2180	625494.24	4265532.62	4.29E-04	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05	1.36E-05
2181	625497.83	4265541.69	4.25E-04	1.46E-04	3.56E-04	1.10E-04	8.42E-05	2.80E-05	6.57E-05	1.35E-05
2182	625501.42	4265550.76	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
2183	625505.01	4265559.83	4.18E-04	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.45E-05	1.33E-05
2184	625508.6	4265568.9	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
2185	625512.19	4265577.97	4.10E-04	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05	1.30E-05
2186	625515.78	4265587.05	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
2187	625519.37	4265596.12	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
2188	625522.96	4265605.19	3.99E-04	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.26E-05
2189	625526.55	4265614.26	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05	1.25E-05
2190	625530.14	4265623.33	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
2191	625533.73	4265632.4	3.86E-04	1.33E-04	3.23E-04	9.95E-05	7.65E-05	2.55E-05	5.96E-05	1.23E-05
2192	625537.32	4265641.48	3.82E-04	1.31E-04	3.19E-04	9.83E-05	7.56E-05	2.52E-05	5.89E-05	1.21E-05
2193	625540.91	4265650.55	3.77E-04	1.30E-04	3.15E-04	9.71E-05	7.46E-05	2.48E-05	5.82E-05	1.20E-05
2194	625544.5	4265659.62	3.72E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
2195	625548.09	4265668.69	3.68E-04	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.67E-05	1.17E-05
2196	625551.68	4265677.76	3.63E-04	1.25E-04	3.03E-04	9.35E-05	7.18E-05	2.39E-05	5.60E-05	1.15E-05
2197	624865.08	4264975.38	6.18E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05	1.96E-05
2198	624855.17	4264975.24	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.50E-05	1.95E-05
2199	624845.26	4264975.1	6.13E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05	1.95E-05
2200	624835.35	4264974.97	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
2201	624825.44	4264974.83	6.07E-04	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.37E-05	1.93E-05
2202	624815.53	4264974.69	6.04E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.33E-05	1.92E-05
2203	624805.62	4264974.55	6.01E-04	2.07E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05	1.91E-05
2204	624795.71	4264974.42	5.98E-04	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.23E-05	1.90E-05
2205	624785.81	4264974.28	5.95E-04	2.04E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.18E-05	1.89E-05
2206	624775.9	4264974.14	5.91E-04	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.89E-05	9.12E-05	1.88E-05
2207	624765.99	4264974	5.88E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.86E-05
2208	624756.08	4264973.87	5.84E-04	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05	1.85E-05
2209	624746.17	4264973.73	5.80E-04	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05	1.84E-05
2210	624736.26	4264973.59	5.76E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.88E-05	1.83E-05
2211	624726.35	4264973.45	5.71E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.81E-05	1.81E-05
2212	624716.44	4264973.32	5.66E-04	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.74E-05	1.80E-05
2213	624706.53	4264973.18	5.62E-04	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05	1.78E-05
2214	624696.63	4264973.04	5.57E-04	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.59E-05	1.77E-05
2215	624686.72	4264972.9	5.52E-04	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.64E-05	8.51E-05	1.75E-05
2216	624676.81	4264972.77	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.44E-05	1.74E-05
2217	624666.9	4264972.63	5.41E-04	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.35E-05	1.72E-05
2218	624656.99	4264972.49	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
2219	624647.08	4264972.35	5.31E-04	1.82E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
2220	624637.17	4264972.22	5.25E-04	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05
2221	624627.26	4264972.08	5.20E-04	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.02E-05	1.65E-05
2222	624617.36	4264971.94	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05

2223	624607.45	4264971.8	5.09E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05	1.61E-05
2224	624597.54	4264971.67	5.03E-04	1.73E-04	4.21E-04	1.30E-04	9.96E-05	3.32E-05	7.77E-05	1.60E-05
2225	624587.63	4264971.53	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05	1.58E-05
2226	624577.72	4264971.39	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05	1.57E-05
2227	624567.81	4264971.26	4.89E-04	1.68E-04	4.08E-04	1.26E-04	9.67E-05	3.22E-05	7.54E-05	1.55E-05
2228	624557.9	4264971.12	4.84E-04	1.66E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05	1.54E-05
2229	624547.99	4264970.98	4.80E-04	1.65E-04	4.01E-04	1.24E-04	9.50E-05	3.16E-05	7.40E-05	1.52E-05
2230	624538.09	4264970.84	4.76E-04	1.64E-04	3.97E-04	1.22E-04	9.41E-05	3.13E-05	7.34E-05	1.51E-05
2231	624528.18	4264970.71	4.71E-04	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.27E-05	1.50E-05
2232	624518.27	4264970.57	4.67E-04	1.61E-04	3.91E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05	1.48E-05
2233	624508.36	4264970.43	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05	1.47E-05
2234	624498.45	4264970.29	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05	1.46E-05
2235	624488.54	4264970.16	4.55E-04	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05	1.45E-05
2236	624478.63	4264970.02	4.51E-04	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05	1.43E-05
2237	624468.72	4264969.88	4.47E-04	1.54E-04	3.74E-04	1.15E-04	8.85E-05	2.95E-05	6.90E-05	1.42E-05
2238	624458.81	4264969.74	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05	1.41E-05
2239	624448.91	4264969.61	4.39E-04	1.51E-04	3.67E-04	1.13E-04	8.69E-05	2.89E-05	6.78E-05	1.39E-05
2240	624439	4264969.47	4.35E-04	1.50E-04	3.64E-04	1.12E-04	8.61E-05	2.87E-05	6.71E-05	1.38E-05
2241	624429.09	4264969.33	4.31E-04	1.48E-04	3.60E-04	1.11E-04	8.53E-05	2.84E-05	6.65E-05	1.37E-05
2242	624419.18	4264969.19	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05	1.35E-05
2243	624409.27	4264969.06	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
2244	624399.36	4264968.92	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05	1.33E-05
2245	624389.45	4264968.78	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.38E-05	1.31E-05
2246	624379.54	4264968.64	4.10E-04	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05	1.30E-05
2247	624369.64	4264968.51	4.05E-04	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05	1.29E-05
2248	624875.54	4264879.3	5.16E-04	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
2249	624884.63	4264883.22	5.21E-04	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
2250	624893.71	4264887.14	5.27E-04	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.13E-05	1.67E-05
2251	624902.79	4264891.06	5.33E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05
2252	624911.87	4264894.97	5.38E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05
2253	624920.96	4264898.89	5.44E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05	1.73E-05
2254	624930.04	4264902.81	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
2255	624939.12	4264906.73	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.65E-05	8.56E-05	1.76E-05
2256	624948.2	4264910.64	5.60E-04	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05	1.78E-05
2257	624957.29	4264914.56	5.65E-04	1.94E-04	4.72E-04	1.46E-04	1.12E-04	3.72E-05	8.72E-05	1.79E-05
2258	624966.37	4264918.48	5.70E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
2259	624975.45	4264922.4	5.75E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.88E-05	1.83E-05
2260	624984.53	4264926.31	5.80E-04	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05	1.84E-05
2261	624993.62	4264930.23	5.85E-04	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.85E-05	9.02E-05	1.86E-05
2262	625002.7	4264934.15	5.89E-04	2.03E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
2263	625011.78	4264938.07	5.93E-04	2.04E-04	4.96E-04	1.53E-04	1.17E-04	3.91E-05	9.15E-05	1.88E-05
2264	625020.86	4264941.98	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05	1.89E-05
2265	625029.94	4264945.9	6.00E-04	2.06E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.26E-05	1.91E-05
2266	625039.03	4264949.82	6.03E-04	2.08E-04	5.04E-04	1.55E-04	1.19E-04	3.98E-05	9.31E-05	1.92E-05
2267	625048.11	4264953.74	6.06E-04	2.08E-04	5.07E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05	1.92E-05
2268	625057.19	4264957.65	6.08E-04	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
2269	625066.27	4264961.57	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
2270	625075.36	4264965.49	6.12E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05
2271	625084.44	4264969.41	6.13E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.45E-05	1.94E-05
2272	625093.52	4264973.32	6.13E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05	1.95E-05
2273	625102.6	4264977.24	6.13E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05	1.95E-05
2274	625111.69	4264981.16	6.13E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.45E-05	1.94E-05
2275	625120.77	4264985.07	6.12E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05

2276	625129.85	4264988.99	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.41E-05	1.94E-05
2277	625138.93	4264992.91	6.08E-04	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05	1.93E-05
2278	625148.02	4264996.83	6.06E-04	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05	1.92E-05
2279	625157.1	4265000.74	6.03E-04	2.07E-04	5.04E-04	1.55E-04	1.19E-04	3.97E-05	9.30E-05	1.91E-05
2280	625166.18	4265004.66	6.00E-04	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.25E-05	1.90E-05
2281	625175.26	4265008.58	5.96E-04	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.93E-05	9.20E-05	1.89E-05
2282	625184.34	4265012.5	5.92E-04	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
2283	625193.43	4265016.41	5.88E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.86E-05
2284	625202.51	4265020.33	5.83E-04	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05	1.85E-05
2285	625211.59	4265024.25	5.78E-04	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.81E-05	8.91E-05	1.83E-05
2286	625220.67	4265028.17	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05	1.82E-05
2287	625229.76	4265032.08	5.67E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.73E-05	8.74E-05	1.80E-05
2288	625238.84	4265036	5.61E-04	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05	1.78E-05
2289	625247.92	4265039.92	5.54E-04	1.91E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.55E-05	1.76E-05
2290	625257	4265043.84	5.48E-04	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.46E-05	1.74E-05
2291	625266.09	4265047.75	5.42E-04	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.36E-05	1.72E-05
2292	625275.17	4265051.67	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05	1.70E-05
2293	625284.25	4265055.59	5.28E-04	1.82E-04	4.41E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05	1.68E-05
2294	625293.33	4265059.51	5.21E-04	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
2295	625302.42	4265063.42	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
2296	625311.5	4265067.34	5.07E-04	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
2297	625320.58	4265071.26	5.00E-04	1.72E-04	4.18E-04	1.29E-04	9.90E-05	3.30E-05	7.72E-05	1.59E-05
2298	625329.66	4265075.18	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05	1.57E-05
2299	625338.74	4265079.09	4.87E-04	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.21E-05	7.51E-05	1.54E-05
2300	625347.83	4265083.01	4.80E-04	1.65E-04	4.01E-04	1.24E-04	9.50E-05	3.16E-05	7.40E-05	1.52E-05
2301	625356.91	4265086.93	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.11E-05	7.29E-05	1.50E-05
2302	625365.99	4265090.85	4.66E-04	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
2303	625375.07	4265094.76	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05	1.46E-05
2304	625384.16	4265098.68	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05	1.44E-05
2305	625393.24	4265102.6	4.47E-04	1.54E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05	1.42E-05
2306	625402.32	4265106.52	4.41E-04	1.52E-04	3.68E-04	1.13E-04	8.72E-05	2.90E-05	6.80E-05	1.40E-05
2307	625411.4	4265110.43	4.35E-04	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.71E-05	1.38E-05
2308	625420.49	4265114.35	4.29E-04	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05	1.36E-05
2309	625433.21	4265127.46	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.79E-05	6.52E-05	1.34E-05
2310	625436.85	4265136.66	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.51E-05	1.34E-05
2311	625440.49	4265145.86	4.21E-04	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.50E-05	1.34E-05
2312	625444.13	4265155.06	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05	1.34E-05
2313	625447.77	4265164.25	4.20E-04	1.45E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.49E-05	1.33E-05
2314	625451.41	4265173.45	4.20E-04	1.44E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.48E-05	1.33E-05
2315	625455.05	4265182.65	4.20E-04	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05	1.33E-05
2316	625458.69	4265191.84	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
2317	625462.33	4265201.04	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.46E-05	1.33E-05
2318	625465.97	4265210.24	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05	1.33E-05
2319	625469.61	4265219.43	4.17E-04	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
2320	625473.25	4265228.63	4.17E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.43E-05	1.32E-05
2321	625476.89	4265237.83	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.23E-05	2.74E-05	6.42E-05	1.32E-05
2322	625480.53	4265247.02	4.15E-04	1.43E-04	3.47E-04	1.07E-04	8.21E-05	2.73E-05	6.40E-05	1.32E-05
2323	625484.17	4265256.22	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
2324	625487.81	4265265.42	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.18E-05	2.72E-05	6.38E-05	1.31E-05
2325	625491.45	4265274.62	4.12E-04	1.42E-04	3.45E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05	1.31E-05
2326	625495.09	4265283.81	4.11E-04	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.34E-05	1.30E-05
2327	625498.73	4265293.01	4.10E-04	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05	1.30E-05
2328	625502.37	4265302.21	4.09E-04	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05	1.30E-05

2329	625506.01	4265311.4	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.69E-05	6.29E-05	1.29E-05
2330	625509.65	4265320.6	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
2331	625513.29	4265329.8	4.05E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.25E-05	1.28E-05
2332	625516.93	4265338.99	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.22E-05	1.28E-05
2333	625520.57	4265348.19	4.02E-04	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05	1.28E-05
2334	625524.21	4265357.39	4.00E-04	1.38E-04	3.35E-04	1.03E-04	7.92E-05	2.64E-05	6.18E-05	1.27E-05
2335	625527.85	4265366.59	3.99E-04	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.26E-05
2336	625531.49	4265375.78	3.97E-04	1.36E-04	3.32E-04	1.02E-04	7.85E-05	2.61E-05	6.12E-05	1.26E-05
2337	625535.13	4265384.98	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.09E-05	1.25E-05
2338	625538.77	4265394.18	3.93E-04	1.35E-04	3.28E-04	1.01E-04	7.78E-05	2.59E-05	6.06E-05	1.25E-05
2339	625542.41	4265403.37	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.03E-05	1.24E-05
2340	625546.06	4265412.57	3.89E-04	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.00E-05	1.23E-05
2341	625549.7	4265421.77	3.87E-04	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
2342	625553.34	4265430.96	3.85E-04	1.32E-04	3.21E-04	9.90E-05	7.61E-05	2.53E-05	5.93E-05	1.22E-05
2343	625556.98	4265440.16	3.82E-04	1.31E-04	3.19E-04	9.84E-05	7.56E-05	2.52E-05	5.90E-05	1.21E-05
2344	625560.62	4265449.36	3.80E-04	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
2345	625564.26	4265458.56	3.77E-04	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.81E-05	1.20E-05
2346	625567.9	4265467.75	3.74E-04	1.29E-04	3.13E-04	9.63E-05	7.41E-05	2.47E-05	5.77E-05	1.19E-05
2347	625571.54	4265476.95	3.72E-04	1.28E-04	3.11E-04	9.57E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
2348	625575.18	4265486.15	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
2349	625578.82	4265495.34	3.67E-04	1.26E-04	3.06E-04	9.44E-05	7.25E-05	2.41E-05	5.66E-05	1.16E-05
2350	625582.46	4265504.54	3.64E-04	1.25E-04	3.04E-04	9.37E-05	7.20E-05	2.40E-05	5.62E-05	1.15E-05
2351	625586.1	4265513.74	3.61E-04	1.24E-04	3.02E-04	9.29E-05	7.14E-05	2.38E-05	5.57E-05	1.15E-05
2352	625589.74	4265522.93	3.58E-04	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05	1.14E-05
2353	625593.38	4265532.13	3.55E-04	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05	1.13E-05
2354	625597.02	4265541.33	3.51E-04	1.21E-04	2.94E-04	9.05E-05	6.95E-05	2.31E-05	5.42E-05	1.11E-05
2355	625600.66	4265550.52	3.48E-04	1.20E-04	2.91E-04	8.97E-05	6.89E-05	2.29E-05	5.37E-05	1.11E-05
2356	625604.3	4265559.72	3.45E-04	1.19E-04	2.89E-04	8.89E-05	6.83E-05	2.27E-05	5.33E-05	1.10E-05
2357	625607.94	4265568.92	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
2358	625611.58	4265578.12	3.39E-04	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
2359	625615.22	4265587.31	3.36E-04	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.18E-05	1.07E-05
2360	625618.86	4265596.51	3.33E-04	1.14E-04	2.78E-04	8.57E-05	6.59E-05	2.19E-05	5.13E-05	1.06E-05
2361	625622.5	4265605.71	3.29E-04	1.13E-04	2.75E-04	8.48E-05	6.52E-05	2.17E-05	5.08E-05	1.05E-05
2362	625626.14	4265614.9	3.26E-04	1.12E-04	2.73E-04	8.40E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
2363	625629.78	4265624.1	3.23E-04	1.11E-04	2.70E-04	8.31E-05	6.39E-05	2.13E-05	4.98E-05	1.02E-05
2364	625633.42	4265633.3	3.19E-04	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05	1.01E-05
2365	625637.06	4265642.49	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
2366	625640.7	4265651.69	3.12E-04	1.07E-04	2.61E-04	8.03E-05	6.18E-05	2.06E-05	4.81E-05	9.90E-06
2367	625644.34	4265660.89	3.08E-04	1.06E-04	2.58E-04	7.94E-05	6.10E-05	2.03E-05	4.76E-05	9.79E-06
2368	625647.98	4265670.09	3.05E-04	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05	9.67E-06
2369	625651.62	4265679.28	3.01E-04	1.04E-04	2.52E-04	7.76E-05	5.96E-05	1.98E-05	4.65E-05	9.56E-06
2370	624866.46	4264875.39	5.10E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05	1.62E-05
2371	624856.55	4264875.25	5.08E-04	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
2372	624846.64	4264875.11	5.05E-04	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.60E-05
2373	624836.74	4264874.97	5.03E-04	1.73E-04	4.21E-04	1.30E-04	9.96E-05	3.31E-05	7.76E-05	1.60E-05
2374	624826.83	4264874.84	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05	1.59E-05
2375	624816.92	4264874.7	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05	1.58E-05
2376	624807.01	4264874.56	4.96E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.27E-05	7.65E-05	1.57E-05
2377	624797.1	4264874.43	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.57E-05
2378	624787.19	4264874.29	4.91E-04	1.69E-04	4.10E-04	1.26E-04	9.72E-05	3.23E-05	7.58E-05	1.56E-05
2379	624777.28	4264874.15	4.89E-04	1.68E-04	4.08E-04	1.26E-04	9.67E-05	3.22E-05	7.54E-05	1.55E-05
2380	624767.37	4264874.01	4.86E-04	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
2381	624757.47	4264873.88	4.83E-04	1.66E-04	4.04E-04	1.24E-04	9.56E-05	3.18E-05	7.46E-05	1.53E-05

2382	624747.56	4264873.74	4.80E-04	1.65E-04	4.02E-04	1.24E-04	9.51E-05	3.17E-05	7.41E-05	1.52E-05
2383	624737.65	4264873.6	4.78E-04	1.64E-04	3.99E-04	1.23E-04	9.46E-05	3.15E-05	7.37E-05	1.52E-05
2384	624727.74	4264873.46	4.75E-04	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.33E-05	1.51E-05
2385	624717.83	4264873.33	4.72E-04	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
2386	624707.92	4264873.19	4.69E-04	1.61E-04	3.92E-04	1.21E-04	9.29E-05	3.09E-05	7.24E-05	1.49E-05
2387	624698.01	4264873.05	4.66E-04	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.19E-05	1.48E-05
2388	624688.1	4264872.91	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.16E-05	3.05E-05	7.14E-05	1.47E-05
2389	624678.19	4264872.78	4.60E-04	1.58E-04	3.84E-04	1.18E-04	9.10E-05	3.03E-05	7.09E-05	1.46E-05
2390	624668.29	4264872.64	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.01E-05	7.04E-05	1.45E-05
2391	624658.38	4264872.5	4.53E-04	1.56E-04	3.78E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05	1.44E-05
2392	624648.47	4264872.36	4.49E-04	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.43E-05
2393	624638.56	4264872.23	4.46E-04	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05	1.41E-05
2394	624628.65	4264872.09	4.42E-04	1.52E-04	3.69E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
2395	624618.74	4264871.95	4.38E-04	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05	1.39E-05
2396	624608.83	4264871.81	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.59E-05	2.86E-05	6.70E-05	1.38E-05
2397	624598.92	4264871.68	4.30E-04	1.48E-04	3.60E-04	1.11E-04	8.52E-05	2.84E-05	6.64E-05	1.37E-05
2398	624589.02	4264871.54	4.26E-04	1.47E-04	3.56E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05	1.35E-05
2399	624579.11	4264871.4	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
2400	624569.2	4264871.26	4.18E-04	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.46E-05	1.33E-05
2401	624559.29	4264871.13	4.14E-04	1.43E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.32E-05
2402	624549.38	4264870.99	4.11E-04	1.41E-04	3.43E-04	1.06E-04	8.13E-05	2.71E-05	6.34E-05	1.30E-05
2403	624539.47	4264870.85	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05	1.29E-05
2404	624529.56	4264870.72	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
2405	624519.65	4264870.58	4.00E-04	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.17E-05	1.27E-05
2406	624509.75	4264870.44	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05	1.26E-05
2407	624499.84	4264870.3	3.93E-04	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05	1.25E-05
2408	624489.93	4264870.17	3.89E-04	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.01E-05	1.24E-05
2409	624480.02	4264870.03	3.86E-04	1.33E-04	3.22E-04	9.93E-05	7.64E-05	2.54E-05	5.95E-05	1.22E-05
2410	624470.11	4264869.89	3.82E-04	1.31E-04	3.20E-04	9.84E-05	7.57E-05	2.52E-05	5.90E-05	1.21E-05
2411	624460.2	4264869.75	3.79E-04	1.30E-04	3.17E-04	9.76E-05	7.50E-05	2.50E-05	5.85E-05	1.20E-05
2412	624450.29	4264869.62	3.76E-04	1.29E-04	3.14E-04	9.67E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
2413	624440.38	4264869.48	3.72E-04	1.28E-04	3.11E-04	9.58E-05	7.37E-05	2.45E-05	5.74E-05	1.18E-05
2414	624430.47	4264869.34	3.69E-04	1.27E-04	3.08E-04	9.49E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
2415	624420.57	4264869.2	3.65E-04	1.26E-04	3.05E-04	9.41E-05	7.23E-05	2.41E-05	5.64E-05	1.16E-05
2416	624410.66	4264869.07	3.62E-04	1.24E-04	3.03E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05
2417	624400.75	4264868.93	3.59E-04	1.23E-04	3.00E-04	9.23E-05	7.10E-05	2.36E-05	5.53E-05	1.14E-05
2418	624390.84	4264868.79	3.55E-04	1.22E-04	2.97E-04	9.14E-05	7.03E-05	2.34E-05	5.48E-05	1.13E-05
2419	624380.93	4264868.65	3.52E-04	1.21E-04	2.94E-04	9.06E-05	6.96E-05	2.32E-05	5.43E-05	1.12E-05
2420	624371.02	4264868.52	3.48E-04	1.20E-04	2.91E-04	8.97E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
2421	624876.9	4264779.3	4.32E-04	1.49E-04	3.61E-04	1.11E-04	8.56E-05	2.85E-05	6.67E-05	1.37E-05
2422	624885.95	4264783.2	4.37E-04	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.88E-05	6.74E-05	1.39E-05
2423	624895	4264787.11	4.41E-04	1.52E-04	3.69E-04	1.14E-04	8.73E-05	2.91E-05	6.81E-05	1.40E-05
2424	624904.05	4264791.01	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.41E-05
2425	624913.1	4264794.91	4.51E-04	1.55E-04	3.77E-04	1.16E-04	8.92E-05	2.97E-05	6.95E-05	1.43E-05
2426	624922.15	4264798.82	4.55E-04	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.02E-05	1.44E-05
2427	624931.2	4264802.72	4.60E-04	1.58E-04	3.84E-04	1.18E-04	9.10E-05	3.03E-05	7.10E-05	1.46E-05
2428	624940.25	4264806.62	4.65E-04	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.47E-05
2429	624949.3	4264810.53	4.69E-04	1.61E-04	3.92E-04	1.21E-04	9.29E-05	3.09E-05	7.24E-05	1.49E-05
2430	624958.35	4264814.43	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05	1.50E-05
2431	624967.4	4264818.33	4.79E-04	1.65E-04	4.00E-04	1.23E-04	9.47E-05	3.15E-05	7.39E-05	1.52E-05
2432	624976.45	4264822.24	4.83E-04	1.66E-04	4.04E-04	1.24E-04	9.57E-05	3.18E-05	7.46E-05	1.53E-05
2433	624985.5	4264826.14	4.88E-04	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.21E-05	7.53E-05	1.55E-05
2434	624994.55	4264830.04	4.92E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05	1.56E-05

2435	625003.6	4264833.95	4.97E-04	1.71E-04	4.15E-04	1.28E-04	9.84E-05	3.27E-05	7.67E-05	1.58E-05
2436	625012.65	4264837.85	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.73E-05	1.59E-05
2437	625021.7	4264841.75	5.05E-04	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.60E-05
2438	625030.75	4264845.66	5.09E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.86E-05	1.62E-05
2439	625039.8	4264849.56	5.13E-04	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.92E-05	1.63E-05
2440	625048.85	4264853.47	5.17E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.41E-05	7.98E-05	1.64E-05
2441	625057.9	4264857.37	5.21E-04	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
2442	625066.95	4264861.27	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
2443	625076	4264865.18	5.27E-04	1.81E-04	4.40E-04	1.36E-04	1.04E-04	3.47E-05	8.12E-05	1.67E-05
2444	625085.05	4264869.08	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.16E-05	1.68E-05
2445	625094.1	4264872.98	5.31E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
2446	625103.15	4264876.89	5.33E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05
2447	625112.2	4264880.79	5.34E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05	1.70E-05
2448	625121.25	4264884.69	5.35E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05	1.70E-05
2449	625130.3	4264888.6	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
2450	625139.35	4264892.5	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
2451	625148.4	4264896.4	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
2452	625157.45	4264900.31	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05	1.70E-05
2453	625166.5	4264904.21	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05	1.70E-05
2454	625175.55	4264908.11	5.33E-04	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05	1.69E-05
2455	625184.6	4264912.02	5.32E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
2456	625193.65	4264915.92	5.29E-04	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
2457	625202.7	4264919.82	5.27E-04	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.13E-05	1.67E-05
2458	625211.75	4264923.73	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.09E-05	1.66E-05
2459	625220.8	4264927.63	5.21E-04	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
2460	625229.85	4264931.53	5.18E-04	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.41E-05	7.99E-05	1.64E-05
2461	625238.9	4264935.44	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
2462	625247.95	4264939.34	5.10E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05	1.62E-05
2463	625257	4264943.24	5.06E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.81E-05	1.61E-05
2464	625266.05	4264947.15	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.74E-05	1.59E-05
2465	625275.09	4264951.05	4.97E-04	1.71E-04	4.15E-04	1.28E-04	9.83E-05	3.27E-05	7.66E-05	1.58E-05
2466	625284.14	4264954.95	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.59E-05	1.56E-05
2467	625293.19	4264958.86	4.87E-04	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.21E-05	7.51E-05	1.54E-05
2468	625302.24	4264962.76	4.81E-04	1.66E-04	4.02E-04	1.24E-04	9.53E-05	3.17E-05	7.43E-05	1.53E-05
2469	625311.29	4264966.66	4.76E-04	1.64E-04	3.98E-04	1.23E-04	9.42E-05	3.14E-05	7.34E-05	1.51E-05
2470	625320.34	4264970.57	4.70E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
2471	625329.39	4264974.47	4.65E-04	1.60E-04	3.89E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.48E-05
2472	625338.44	4264978.38	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.08E-05	1.46E-05
2473	625347.49	4264982.28	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.99E-05	6.99E-05	1.44E-05
2474	625356.54	4264986.18	4.47E-04	1.54E-04	3.74E-04	1.15E-04	8.86E-05	2.95E-05	6.90E-05	1.42E-05
2475	625365.59	4264990.09	4.42E-04	1.52E-04	3.69E-04	1.14E-04	8.74E-05	2.91E-05	6.81E-05	1.40E-05
2476	625374.64	4264993.99	4.36E-04	1.50E-04	3.64E-04	1.12E-04	8.62E-05	2.87E-05	6.72E-05	1.38E-05
2477	625383.69	4264997.89	4.30E-04	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.63E-05	1.36E-05
2478	625392.74	4265001.8	4.24E-04	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.79E-05	6.55E-05	1.35E-05
2479	625401.79	4265005.7	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.29E-05	2.76E-05	6.46E-05	1.33E-05
2480	625410.84	4265009.6	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05	1.31E-05
2481	625419.89	4265013.51	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05	1.29E-05
2482	625428.94	4265017.41	4.02E-04	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05	1.27E-05
2483	625437.99	4265021.31	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.12E-05	1.26E-05
2484	625447.04	4265025.22	3.91E-04	1.35E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.04E-05	1.24E-05
2485	625456.09	4265029.12	3.86E-04	1.33E-04	3.23E-04	9.95E-05	7.65E-05	2.55E-05	5.96E-05	1.23E-05
2486	625465.14	4265033.02	3.82E-04	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.89E-05	1.21E-05
2487	625474.19	4265036.93	3.77E-04	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.81E-05	1.20E-05

2488	625483.24	4265040.83	3.72E-04	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
2489	625492.29	4265044.73	3.68E-04	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.67E-05	1.17E-05
2490	625504.97	4265057.8	3.63E-04	1.25E-04	3.03E-04	9.35E-05	7.19E-05	2.39E-05	5.60E-05	1.15E-05
2491	625508.6	4265066.97	3.63E-04	1.25E-04	3.03E-04	9.34E-05	7.18E-05	2.39E-05	5.60E-05	1.15E-05
2492	625512.22	4265076.13	3.62E-04	1.25E-04	3.03E-04	9.33E-05	7.17E-05	2.39E-05	5.59E-05	1.15E-05
2493	625515.85	4265085.29	3.62E-04	1.24E-04	3.03E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05
2494	625519.48	4265094.46	3.62E-04	1.24E-04	3.02E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05
2495	625523.11	4265103.62	3.62E-04	1.24E-04	3.02E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05
2496	625526.73	4265112.79	3.62E-04	1.24E-04	3.03E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05
2497	625530.36	4265121.95	3.62E-04	1.24E-04	3.02E-04	9.31E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05
2498	625533.99	4265131.11	3.61E-04	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.58E-05	1.15E-05
2499	625537.62	4265140.28	3.61E-04	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.57E-05	1.15E-05
2500	625541.24	4265149.44	3.61E-04	1.24E-04	3.02E-04	9.29E-05	7.15E-05	2.38E-05	5.57E-05	1.15E-05
2501	625544.87	4265158.61	3.61E-04	1.24E-04	3.01E-04	9.28E-05	7.14E-05	2.38E-05	5.56E-05	1.14E-05
2502	625548.5	4265167.77	3.60E-04	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.56E-05	1.14E-05
2503	625552.12	4265176.93	3.60E-04	1.24E-04	3.01E-04	9.26E-05	7.12E-05	2.37E-05	5.55E-05	1.14E-05
2504	625555.75	4265186.1	3.59E-04	1.24E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05	1.14E-05
2505	625559.38	4265195.26	3.58E-04	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
2506	625563.01	4265204.43	3.58E-04	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05	1.13E-05
2507	625566.63	4265213.59	3.57E-04	1.23E-04	2.98E-04	9.19E-05	7.07E-05	2.35E-05	5.51E-05	1.13E-05
2508	625570.26	4265222.76	3.56E-04	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05	1.13E-05
2509	625573.89	4265231.92	3.56E-04	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05	1.13E-05
2510	625577.51	4265241.08	3.55E-04	1.22E-04	2.97E-04	9.14E-05	7.03E-05	2.34E-05	5.48E-05	1.13E-05
2511	625581.14	4265250.25	3.54E-04	1.22E-04	2.96E-04	9.12E-05	7.01E-05	2.33E-05	5.47E-05	1.12E-05
2512	625584.77	4265259.41	3.53E-04	1.21E-04	2.95E-04	9.10E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
2513	625588.4	4265268.58	3.52E-04	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.43E-05	1.12E-05
2514	625592.02	4265277.74	3.51E-04	1.21E-04	2.93E-04	9.04E-05	6.95E-05	2.31E-05	5.42E-05	1.11E-05
2515	625595.65	4265286.9	3.50E-04	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05	1.11E-05
2516	625599.28	4265296.07	3.49E-04	1.20E-04	2.92E-04	8.98E-05	6.91E-05	2.30E-05	5.38E-05	1.11E-05
2517	625602.9	4265305.23	3.48E-04	1.20E-04	2.91E-04	8.95E-05	6.88E-05	2.29E-05	5.36E-05	1.10E-05
2518	625606.53	4265314.4	3.46E-04	1.19E-04	2.89E-04	8.92E-05	6.86E-05	2.28E-05	5.34E-05	1.10E-05
2519	625610.16	4265323.56	3.45E-04	1.19E-04	2.88E-04	8.88E-05	6.83E-05	2.27E-05	5.32E-05	1.09E-05
2520	625613.79	4265332.72	3.43E-04	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
2521	625617.41	4265341.89	3.42E-04	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.28E-05	1.08E-05
2522	625621.04	4265351.05	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
2523	625624.67	4265360.22	3.39E-04	1.16E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
2524	625628.3	4265369.38	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
2525	625631.92	4265378.55	3.35E-04	1.15E-04	2.80E-04	8.63E-05	6.64E-05	2.21E-05	5.17E-05	1.06E-05
2526	625635.55	4265387.71	3.34E-04	1.15E-04	2.79E-04	8.59E-05	6.60E-05	2.20E-05	5.15E-05	1.06E-05
2527	625639.18	4265396.87	3.32E-04	1.14E-04	2.77E-04	8.54E-05	6.57E-05	2.19E-05	5.12E-05	1.05E-05
2528	625642.8	4265406.04	3.30E-04	1.13E-04	2.76E-04	8.49E-05	6.53E-05	2.17E-05	5.09E-05	1.05E-05
2529	625646.43	4265415.2	3.28E-04	1.13E-04	2.74E-04	8.44E-05	6.49E-05	2.16E-05	5.06E-05	1.04E-05
2530	625650.06	4265424.37	3.26E-04	1.12E-04	2.72E-04	8.39E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
2531	625653.69	4265433.53	3.24E-04	1.11E-04	2.71E-04	8.34E-05	6.41E-05	2.13E-05	5.00E-05	1.03E-05
2532	625657.31	4265442.69	3.22E-04	1.11E-04	2.69E-04	8.28E-05	6.37E-05	2.12E-05	4.96E-05	1.02E-05
2533	625660.94	4265451.86	3.20E-04	1.10E-04	2.67E-04	8.23E-05	6.32E-05	2.11E-05	4.93E-05	1.01E-05
2534	625664.57	4265461.02	3.17E-04	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05	1.01E-05
2535	625668.19	4265470.19	3.15E-04	1.08E-04	2.64E-04	8.12E-05	6.24E-05	2.08E-05	4.86E-05	1.00E-05
2536	625671.82	4265479.35	3.13E-04	1.08E-04	2.62E-04	8.06E-05	6.20E-05	2.06E-05	4.83E-05	9.94E-06
2537	625675.45	4265488.51	3.11E-04	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05	9.87E-06
2538	625679.08	4265497.68	3.09E-04	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05	9.81E-06
2539	625682.7	4265506.84	3.07E-04	1.06E-04	2.57E-04	7.90E-05	6.08E-05	2.02E-05	4.74E-05	9.74E-06
2540	625686.33	4265516.01	3.05E-04	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05	9.67E-06

2541	625689.96	4265525.17	3.03E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
2542	625693.59	4265534.34	3.00E-04	1.03E-04	2.51E-04	7.73E-05	5.95E-05	1.98E-05	4.63E-05	9.53E-06
2543	625697.21	4265543.5	2.98E-04	1.02E-04	2.49E-04	7.67E-05	5.90E-05	1.96E-05	4.60E-05	9.45E-06
2544	625700.84	4265552.66	2.95E-04	1.02E-04	2.47E-04	7.60E-05	5.84E-05	1.95E-05	4.56E-05	9.37E-06
2545	625704.47	4265561.83	2.93E-04	1.01E-04	2.45E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.29E-06
2546	625708.09	4265570.99	2.90E-04	9.97E-05	2.42E-04	7.47E-05	5.74E-05	1.91E-05	4.48E-05	9.21E-06
2547	625711.72	4265580.16	2.88E-04	9.89E-05	2.40E-04	7.40E-05	5.69E-05	1.89E-05	4.44E-05	9.13E-06
2548	625715.35	4265589.32	2.85E-04	9.80E-05	2.38E-04	7.33E-05	5.64E-05	1.88E-05	4.40E-05	9.04E-06
2549	625718.98	4265598.48	2.82E-04	9.70E-05	2.36E-04	7.26E-05	5.58E-05	1.86E-05	4.35E-05	8.95E-06
2550	625722.6	4265607.65	2.79E-04	9.61E-05	2.34E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
2551	625726.23	4265616.81	2.77E-04	9.51E-05	2.31E-04	7.12E-05	5.47E-05	1.82E-05	4.27E-05	8.78E-06
2552	625729.86	4265625.98	2.74E-04	9.41E-05	2.29E-04	7.05E-05	5.42E-05	1.80E-05	4.22E-05	8.69E-06
2553	625733.48	4265635.14	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
2554	625737.11	4265644.3	2.68E-04	9.21E-05	2.24E-04	6.89E-05	5.30E-05	1.76E-05	4.13E-05	8.50E-06
2555	625740.74	4265653.47	2.65E-04	9.10E-05	2.21E-04	6.82E-05	5.24E-05	1.74E-05	4.08E-05	8.40E-06
2556	625744.37	4265662.63	2.62E-04	9.00E-05	2.19E-04	6.74E-05	5.18E-05	1.72E-05	4.04E-05	8.30E-06
2557	625747.99	4265671.8	2.59E-04	8.89E-05	2.16E-04	6.66E-05	5.12E-05	1.70E-05	3.99E-05	8.21E-06
2558	625751.62	4265680.96	2.55E-04	8.78E-05	2.14E-04	6.58E-05	5.06E-05	1.68E-05	3.94E-05	8.11E-06
2559	624867.85	4264775.4	4.28E-04	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05	1.36E-05
2560	624857.94	4264775.26	4.26E-04	1.47E-04	3.56E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05	1.35E-05
2561	624848.03	4264775.12	4.25E-04	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05	1.35E-05
2562	624838.12	4264774.98	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05	1.34E-05
2563	624828.21	4264774.85	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.34E-05	2.77E-05	6.50E-05	1.34E-05
2564	624818.3	4264774.71	4.19E-04	1.44E-04	3.51E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
2565	624808.4	4264774.57	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.44E-05	1.33E-05
2566	624798.49	4264774.43	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.23E-05	2.74E-05	6.42E-05	1.32E-05
2567	624788.58	4264774.3	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
2568	624778.67	4264774.16	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05	1.31E-05
2569	624768.76	4264774.02	4.11E-04	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.34E-05	1.30E-05
2570	624758.85	4264773.89	4.10E-04	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05	1.30E-05
2571	624748.94	4264773.75	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.69E-05	6.29E-05	1.29E-05
2572	624739.03	4264773.61	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
2573	624729.13	4264773.47	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.66E-05	6.24E-05	1.28E-05
2574	624719.22	4264773.34	4.03E-04	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
2575	624709.31	4264773.2	4.01E-04	1.38E-04	3.35E-04	1.03E-04	7.93E-05	2.64E-05	6.18E-05	1.27E-05
2576	624699.4	4264773.06	3.99E-04	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.27E-05
2577	624689.49	4264772.92	3.97E-04	1.36E-04	3.32E-04	1.02E-04	7.86E-05	2.61E-05	6.12E-05	1.26E-05
2578	624679.58	4264772.79	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05	1.25E-05
2579	624669.67	4264772.65	3.93E-04	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05	1.25E-05
2580	624659.76	4264772.51	3.90E-04	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
2581	624649.86	4264772.37	3.88E-04	1.33E-04	3.24E-04	9.99E-05	7.68E-05	2.56E-05	5.99E-05	1.23E-05
2582	624639.95	4264772.24	3.86E-04	1.33E-04	3.22E-04	9.93E-05	7.64E-05	2.54E-05	5.95E-05	1.22E-05
2583	624630.04	4264772.1	3.83E-04	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.52E-05	5.91E-05	1.22E-05
2584	624620.13	4264771.96	3.81E-04	1.31E-04	3.18E-04	9.80E-05	7.53E-05	2.51E-05	5.87E-05	1.21E-05
2585	624610.22	4264771.82	3.78E-04	1.30E-04	3.16E-04	9.73E-05	7.48E-05	2.49E-05	5.83E-05	1.20E-05
2586	624600.31	4264771.69	3.75E-04	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.79E-05	1.19E-05
2587	624590.4	4264771.55	3.72E-04	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
2588	624580.49	4264771.41	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
2589	624570.58	4264771.27	3.66E-04	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05
2590	624560.68	4264771.14	3.63E-04	1.25E-04	3.03E-04	9.34E-05	7.18E-05	2.39E-05	5.60E-05	1.15E-05
2591	624550.77	4264771	3.59E-04	1.24E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05	1.14E-05
2592	624540.86	4264770.86	3.56E-04	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05	1.13E-05
2593	624530.95	4264770.72	3.52E-04	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.44E-05	1.12E-05

2594	624521.04	4264770.59	3.49E-04	1.20E-04	2.92E-04	8.99E-05	6.91E-05	2.30E-05	5.39E-05	1.11E-05
2595	624511.13	4264770.45	3.46E-04	1.19E-04	2.89E-04	8.90E-05	6.84E-05	2.28E-05	5.34E-05	1.10E-05
2596	624501.22	4264770.31	3.43E-04	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.29E-05	1.09E-05
2597	624491.31	4264770.18	3.39E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
2598	624481.41	4264770.04	3.36E-04	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.19E-05	1.07E-05
2599	624471.5	4264769.9	3.33E-04	1.15E-04	2.78E-04	8.57E-05	6.59E-05	2.19E-05	5.14E-05	1.06E-05
2600	624461.59	4264769.76	3.30E-04	1.13E-04	2.76E-04	8.49E-05	6.53E-05	2.17E-05	5.09E-05	1.05E-05
2601	624451.68	4264769.63	3.27E-04	1.12E-04	2.73E-04	8.41E-05	6.47E-05	2.15E-05	5.04E-05	1.04E-05
2602	624441.77	4264769.49	3.24E-04	1.11E-04	2.71E-04	8.34E-05	6.41E-05	2.13E-05	5.00E-05	1.03E-05
2603	624431.86	4264769.35	3.21E-04	1.10E-04	2.68E-04	8.26E-05	6.35E-05	2.11E-05	4.95E-05	1.02E-05
2604	624421.95	4264769.21	3.18E-04	1.09E-04	2.66E-04	8.18E-05	6.29E-05	2.09E-05	4.90E-05	1.01E-05
2605	624412.04	4264769.08	3.15E-04	1.08E-04	2.63E-04	8.11E-05	6.23E-05	2.08E-05	4.86E-05	1.00E-05
2606	624402.14	4264768.94	3.12E-04	1.07E-04	2.61E-04	8.03E-05	6.18E-05	2.06E-05	4.82E-05	9.90E-06
2607	624392.23	4264768.8	3.09E-04	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05	9.81E-06
2608	624382.32	4264768.66	3.06E-04	1.05E-04	2.56E-04	7.89E-05	6.06E-05	2.02E-05	4.73E-05	9.72E-06
2609	624372.41	4264768.53	3.03E-04	1.04E-04	2.54E-04	7.81E-05	6.01E-05	2.00E-05	4.68E-05	9.63E-06
2610	624878.26	4264679.3	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.31E-05	2.43E-05	5.69E-05	1.17E-05
2611	624887.28	4264683.19	3.73E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
2612	624896.31	4264687.08	3.76E-04	1.29E-04	3.14E-04	9.68E-05	7.44E-05	2.48E-05	5.80E-05	1.19E-05
2613	624905.33	4264690.98	3.80E-04	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
2614	624914.36	4264694.87	3.83E-04	1.32E-04	3.20E-04	9.86E-05	7.58E-05	2.52E-05	5.91E-05	1.22E-05
2615	624923.38	4264698.76	3.87E-04	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
2616	624932.4	4264702.65	3.90E-04	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
2617	624941.43	4264706.54	3.94E-04	1.36E-04	3.30E-04	1.02E-04	7.80E-05	2.60E-05	6.08E-05	1.25E-05
2618	624950.45	4264710.44	3.98E-04	1.37E-04	3.33E-04	1.03E-04	7.88E-05	2.62E-05	6.14E-05	1.26E-05
2619	624959.48	4264714.33	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.20E-05	1.28E-05
2620	624968.5	4264718.22	4.06E-04	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
2621	624977.52	4264722.11	4.10E-04	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05	1.30E-05
2622	624986.55	4264726.01	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
2623	624995.57	4264729.9	4.18E-04	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.45E-05	1.33E-05
2624	625004.6	4264733.79	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
2625	625013.62	4264737.68	4.26E-04	1.47E-04	3.56E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05	1.35E-05
2626	625022.65	4264741.58	4.30E-04	1.48E-04	3.60E-04	1.11E-04	8.52E-05	2.84E-05	6.64E-05	1.37E-05
2627	625031.67	4264745.47	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05	1.38E-05
2628	625040.69	4264749.36	4.38E-04	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05	1.39E-05
2629	625049.72	4264753.25	4.42E-04	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
2630	625058.74	4264757.14	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05	1.41E-05
2631	625067.77	4264761.04	4.49E-04	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.93E-05	1.43E-05
2632	625076.79	4264764.93	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05	1.44E-05
2633	625085.81	4264768.82	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.00E-05	7.04E-05	1.45E-05
2634	625094.84	4264772.71	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.08E-05	1.46E-05
2635	625103.86	4264776.61	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05	1.47E-05
2636	625112.89	4264780.5	4.65E-04	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.47E-05
2637	625121.91	4264784.39	4.67E-04	1.61E-04	3.90E-04	1.20E-04	9.24E-05	3.08E-05	7.20E-05	1.48E-05
2638	625130.94	4264788.28	4.69E-04	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.24E-05	1.49E-05
2639	625139.96	4264792.18	4.71E-04	1.62E-04	3.93E-04	1.21E-04	9.32E-05	3.10E-05	7.26E-05	1.49E-05
2640	625148.98	4264796.07	4.72E-04	1.62E-04	3.95E-04	1.22E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
2641	625158.01	4264799.96	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05	1.50E-05
2642	625167.03	4264803.85	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05	1.50E-05
2643	625176.06	4264807.74	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.13E-05	7.32E-05	1.51E-05
2644	625185.08	4264811.64	4.74E-04	1.63E-04	3.97E-04	1.22E-04	9.39E-05	3.13E-05	7.32E-05	1.51E-05
2645	625194.1	4264815.53	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.12E-05	7.32E-05	1.50E-05
2646	625203.13	4264819.42	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05	1.50E-05

2647	625212.15	4264823.31	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05	1.50E-05
2648	625221.18	4264827.21	4.72E-04	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
2649	625230.2	4264831.1	4.70E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.25E-05	1.49E-05
2650	625239.22	4264834.99	4.68E-04	1.61E-04	3.92E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05	1.49E-05
2651	625248.25	4264838.88	4.66E-04	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.20E-05	1.48E-05
2652	625257.27	4264842.78	4.64E-04	1.60E-04	3.88E-04	1.19E-04	9.18E-05	3.06E-05	7.16E-05	1.47E-05
2653	625266.3	4264846.67	4.61E-04	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05	1.46E-05
2654	625275.32	4264850.56	4.59E-04	1.58E-04	3.83E-04	1.18E-04	9.08E-05	3.02E-05	7.08E-05	1.46E-05
2655	625284.35	4264854.45	4.55E-04	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05	1.45E-05
2656	625293.37	4264858.34	4.52E-04	1.55E-04	3.78E-04	1.16E-04	8.95E-05	2.98E-05	6.97E-05	1.43E-05
2657	625302.39	4264862.24	4.48E-04	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05	1.42E-05
2658	625311.42	4264866.13	4.45E-04	1.53E-04	3.72E-04	1.14E-04	8.80E-05	2.93E-05	6.86E-05	1.41E-05
2659	625320.44	4264870.02	4.41E-04	1.51E-04	3.68E-04	1.13E-04	8.72E-05	2.90E-05	6.80E-05	1.40E-05
2660	625329.47	4264873.91	4.36E-04	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.87E-05	6.73E-05	1.38E-05
2661	625338.49	4264877.81	4.32E-04	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.66E-05	1.37E-05
2662	625347.51	4264881.7	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.46E-05	2.82E-05	6.59E-05	1.36E-05
2663	625356.54	4264885.59	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.78E-05	6.52E-05	1.34E-05
2664	625365.56	4264889.48	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05	1.33E-05
2665	625374.59	4264893.38	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.18E-05	2.72E-05	6.38E-05	1.31E-05
2666	625383.61	4264897.27	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05	1.30E-05
2667	625392.63	4264901.16	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
2668	625401.66	4264905.05	3.99E-04	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.27E-05
2669	625410.68	4264908.95	3.94E-04	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.07E-05	1.25E-05
2670	625419.71	4264912.84	3.88E-04	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	5.99E-05	1.23E-05
2671	625428.73	4264916.73	3.83E-04	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.53E-05	5.91E-05	1.22E-05
2672	625437.76	4264920.62	3.78E-04	1.30E-04	3.16E-04	9.74E-05	7.49E-05	2.49E-05	5.84E-05	1.20E-05
2673	625446.78	4264924.51	3.73E-04	1.28E-04	3.12E-04	9.61E-05	7.39E-05	2.46E-05	5.76E-05	1.18E-05
2674	625455.8	4264928.41	3.68E-04	1.27E-04	3.08E-04	9.48E-05	7.29E-05	2.43E-05	5.68E-05	1.17E-05
2675	625464.83	4264932.3	3.63E-04	1.25E-04	3.04E-04	9.36E-05	7.19E-05	2.39E-05	5.61E-05	1.15E-05
2676	625473.85	4264936.19	3.59E-04	1.23E-04	3.00E-04	9.24E-05	7.10E-05	2.36E-05	5.54E-05	1.14E-05
2677	625482.88	4264940.08	3.54E-04	1.22E-04	2.96E-04	9.12E-05	7.01E-05	2.33E-05	5.46E-05	1.12E-05
2678	625491.9	4264943.98	3.50E-04	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.40E-05	1.11E-05
2679	625500.92	4264947.87	3.46E-04	1.19E-04	2.89E-04	8.90E-05	6.84E-05	2.28E-05	5.33E-05	1.10E-05
2680	625509.95	4264951.76	3.41E-04	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
2681	625518.97	4264955.65	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.68E-05	2.22E-05	5.20E-05	1.07E-05
2682	625528	4264959.55	3.33E-04	1.15E-04	2.79E-04	8.58E-05	6.60E-05	2.20E-05	5.14E-05	1.06E-05
2683	625537.02	4264963.44	3.30E-04	1.13E-04	2.76E-04	8.49E-05	6.52E-05	2.17E-05	5.09E-05	1.05E-05
2684	625546.05	4264967.33	3.26E-04	1.12E-04	2.73E-04	8.39E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
2685	625555.07	4264971.22	3.23E-04	1.11E-04	2.70E-04	8.30E-05	6.38E-05	2.13E-05	4.98E-05	1.02E-05
2686	625564.09	4264975.11	3.19E-04	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05	1.01E-05
2687	625576.73	4264988.14	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
2688	625580.35	4264997.28	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
2689	625583.97	4265006.42	3.16E-04	1.09E-04	2.64E-04	8.14E-05	6.26E-05	2.08E-05	4.88E-05	1.00E-05
2690	625587.59	4265015.56	3.16E-04	1.09E-04	2.64E-04	8.15E-05	6.26E-05	2.08E-05	4.88E-05	1.00E-05
2691	625591.2	4265024.7	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05	1.01E-05
2692	625594.82	4265033.83	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05	1.01E-05
2693	625598.44	4265042.97	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05	1.00E-05
2694	625602.05	4265052.11	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05	1.00E-05
2695	625605.67	4265061.25	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.88E-05	1.00E-05
2696	625609.29	4265070.39	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.26E-05	2.09E-05	4.88E-05	1.00E-05
2697	625612.9	4265079.52	3.16E-04	1.09E-04	2.64E-04	8.15E-05	6.26E-05	2.08E-05	4.88E-05	1.00E-05
2698	625616.52	4265088.66	3.16E-04	1.09E-04	2.64E-04	8.14E-05	6.26E-05	2.08E-05	4.88E-05	1.00E-05
2699	625620.14	4265097.8	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05

2700	625623.75	4265106.94	3.16E-04	1.08E-04	2.64E-04	8.12E-05	6.24E-05	2.08E-05	4.87E-05	1.00E-05
2701	625627.37	4265116.08	3.15E-04	1.08E-04	2.63E-04	8.11E-05	6.24E-05	2.08E-05	4.86E-05	1.00E-05
2702	625630.99	4265125.21	3.15E-04	1.08E-04	2.63E-04	8.11E-05	6.23E-05	2.07E-05	4.86E-05	9.99E-06
2703	625634.6	4265134.35	3.15E-04	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.86E-05	9.99E-06
2704	625638.22	4265143.49	3.15E-04	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.85E-05	9.98E-06
2705	625641.84	4265152.63	3.14E-04	1.08E-04	2.63E-04	8.09E-05	6.22E-05	2.07E-05	4.85E-05	9.97E-06
2706	625645.46	4265161.77	3.14E-04	1.08E-04	2.62E-04	8.08E-05	6.21E-05	2.07E-05	4.84E-05	9.96E-06
2707	625649.07	4265170.9	3.13E-04	1.08E-04	2.62E-04	8.06E-05	6.20E-05	2.06E-05	4.83E-05	9.94E-06
2708	625652.69	4265180.04	3.13E-04	1.07E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.82E-05	9.92E-06
2709	625656.31	4265189.18	3.12E-04	1.07E-04	2.61E-04	8.03E-05	6.17E-05	2.06E-05	4.81E-05	9.90E-06
2710	625659.92	4265198.32	3.11E-04	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05	9.88E-06
2711	625663.54	4265207.46	3.10E-04	1.07E-04	2.59E-04	7.99E-05	6.15E-05	2.05E-05	4.79E-05	9.85E-06
2712	625667.16	4265216.6	3.10E-04	1.06E-04	2.59E-04	7.97E-05	6.13E-05	2.04E-05	4.78E-05	9.83E-06
2713	625670.77	4265225.73	3.09E-04	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.03E-05	4.76E-05	9.80E-06
2714	625674.39	4265234.87	3.08E-04	1.06E-04	2.57E-04	7.93E-05	6.09E-05	2.03E-05	4.75E-05	9.77E-06
2715	625678.01	4265244.01	3.07E-04	1.06E-04	2.57E-04	7.90E-05	6.07E-05	2.02E-05	4.74E-05	9.74E-06
2716	625681.62	4265253.15	3.06E-04	1.05E-04	2.56E-04	7.88E-05	6.05E-05	2.02E-05	4.72E-05	9.71E-06
2717	625685.24	4265262.29	3.05E-04	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05	9.67E-06
2718	625688.86	4265271.42	3.04E-04	1.04E-04	2.54E-04	7.82E-05	6.01E-05	2.00E-05	4.69E-05	9.64E-06
2719	625692.47	4265280.56	3.02E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
2720	625696.09	4265289.7	3.01E-04	1.04E-04	2.52E-04	7.76E-05	5.96E-05	1.98E-05	4.65E-05	9.56E-06
2721	625699.71	4265298.84	3.00E-04	1.03E-04	2.51E-04	7.72E-05	5.94E-05	1.98E-05	4.63E-05	9.52E-06
2722	625703.33	4265307.98	2.99E-04	1.03E-04	2.50E-04	7.69E-05	5.91E-05	1.97E-05	4.61E-05	9.48E-06
2723	625706.94	4265317.11	2.97E-04	1.02E-04	2.48E-04	7.65E-05	5.88E-05	1.96E-05	4.59E-05	9.43E-06
2724	625710.56	4265326.25	2.96E-04	1.02E-04	2.47E-04	7.62E-05	5.86E-05	1.95E-05	4.57E-05	9.39E-06
2725	625714.18	4265335.39	2.94E-04	1.01E-04	2.46E-04	7.58E-05	5.83E-05	1.94E-05	4.54E-05	9.34E-06
2726	625717.79	4265344.53	2.93E-04	1.01E-04	2.45E-04	7.54E-05	5.80E-05	1.93E-05	4.52E-05	9.30E-06
2727	625721.41	4265353.67	2.91E-04	1.00E-04	2.44E-04	7.50E-05	5.77E-05	1.92E-05	4.50E-05	9.25E-06
2728	625725.03	4265362.8	2.90E-04	9.97E-05	2.42E-04	7.46E-05	5.74E-05	1.91E-05	4.47E-05	9.20E-06
2729	625728.64	4265371.94	2.88E-04	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05	9.15E-06
2730	625732.26	4265381.08	2.87E-04	9.86E-05	2.40E-04	7.38E-05	5.68E-05	1.89E-05	4.43E-05	9.10E-06
2731	625735.88	4265390.22	2.85E-04	9.81E-05	2.38E-04	7.34E-05	5.65E-05	1.88E-05	4.40E-05	9.05E-06
2732	625739.49	4265399.36	2.84E-04	9.76E-05	2.37E-04	7.30E-05	5.62E-05	1.87E-05	4.38E-05	9.00E-06
2733	625743.11	4265408.49	2.82E-04	9.70E-05	2.36E-04	7.26E-05	5.58E-05	1.86E-05	4.35E-05	8.95E-06
2734	625746.73	4265417.63	2.81E-04	9.65E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2735	625750.34	4265426.77	2.79E-04	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.30E-05	8.85E-06
2736	625753.96	4265435.91	2.77E-04	9.54E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05	8.80E-06
2737	625757.58	4265445.05	2.76E-04	9.48E-05	2.30E-04	7.10E-05	5.46E-05	1.82E-05	4.25E-05	8.75E-06
2738	625761.2	4265454.18	2.74E-04	9.43E-05	2.29E-04	7.06E-05	5.43E-05	1.81E-05	4.23E-05	8.70E-06
2739	625764.81	4265463.32	2.73E-04	9.37E-05	2.28E-04	7.02E-05	5.39E-05	1.80E-05	4.20E-05	8.65E-06
2740	625768.43	4265472.46	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
2741	625772.05	4265481.6	2.69E-04	9.25E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
2742	625775.66	4265490.74	2.67E-04	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.12E-05	8.48E-06
2743	625779.28	4265499.87	2.65E-04	9.13E-05	2.22E-04	6.84E-05	5.25E-05	1.75E-05	4.10E-05	8.43E-06
2744	625782.9	4265509.01	2.64E-04	9.07E-05	2.20E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05	8.37E-06
2745	625786.51	4265518.15	2.62E-04	9.00E-05	2.19E-04	6.74E-05	5.18E-05	1.72E-05	4.04E-05	8.31E-06
2746	625790.13	4265527.29	2.60E-04	8.94E-05	2.17E-04	6.69E-05	5.14E-05	1.71E-05	4.01E-05	8.25E-06
2747	625793.75	4265536.43	2.58E-04	8.87E-05	2.16E-04	6.64E-05	5.10E-05	1.70E-05	3.98E-05	8.18E-06
2748	625797.36	4265545.56	2.56E-04	8.80E-05	2.14E-04	6.59E-05	5.07E-05	1.69E-05	3.95E-05	8.12E-06
2749	625800.98	4265554.7	2.54E-04	8.73E-05	2.12E-04	6.54E-05	5.03E-05	1.67E-05	3.92E-05	8.06E-06
2750	625804.6	4265563.84	2.52E-04	8.66E-05	2.11E-04	6.48E-05	4.99E-05	1.66E-05	3.89E-05	7.99E-06
2751	625808.22	4265572.98	2.50E-04	8.59E-05	2.09E-04	6.43E-05	4.94E-05	1.65E-05	3.85E-05	7.93E-06
2752	625811.83	4265582.12	2.48E-04	8.51E-05	2.07E-04	6.37E-05	4.90E-05	1.63E-05	3.82E-05	7.86E-06

2753	625815.45	4265591.25	2.45E-04	8.44E-05	2.05E-04	6.32E-05	4.86E-05	1.62E-05	3.79E-05	7.79E-06
2754	625819.07	4265600.39	2.43E-04	8.36E-05	2.03E-04	6.26E-05	4.81E-05	1.60E-05	3.75E-05	7.71E-06
2755	625822.68	4265609.53	2.41E-04	8.28E-05	2.01E-04	6.20E-05	4.76E-05	1.59E-05	3.71E-05	7.64E-06
2756	625826.3	4265618.67	2.38E-04	8.19E-05	1.99E-04	6.13E-05	4.72E-05	1.57E-05	3.68E-05	7.56E-06
2757	625829.92	4265627.81	2.36E-04	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05	7.48E-06
2758	625833.53	4265636.94	2.33E-04	8.02E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05	7.41E-06
2759	625837.15	4265646.08	2.31E-04	7.94E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05	7.32E-06
2760	625840.77	4265655.22	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.24E-06
2761	625844.38	4265664.36	2.26E-04	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05	7.16E-06
2762	625848	4265673.5	2.23E-04	7.67E-05	1.86E-04	5.74E-05	4.42E-05	1.47E-05	3.44E-05	7.08E-06
2763	625851.62	4265682.63	2.20E-04	7.58E-05	1.84E-04	5.68E-05	4.36E-05	1.45E-05	3.40E-05	7.00E-06
2764	624869.24	4264675.41	3.66E-04	1.26E-04	3.06E-04	9.41E-05	7.24E-05	2.41E-05	5.64E-05	1.16E-05
2765	624859.33	4264675.27	3.64E-04	1.25E-04	3.05E-04	9.38E-05	7.21E-05	2.40E-05	5.62E-05	1.16E-05
2766	624849.42	4264675.13	3.63E-04	1.25E-04	3.04E-04	9.35E-05	7.19E-05	2.39E-05	5.60E-05	1.15E-05
2767	624839.51	4264674.99	3.62E-04	1.24E-04	3.03E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05	1.15E-05
2768	624829.6	4264674.86	3.61E-04	1.24E-04	3.02E-04	9.29E-05	7.14E-05	2.38E-05	5.57E-05	1.15E-05
2769	624819.69	4264674.72	3.60E-04	1.24E-04	3.01E-04	9.26E-05	7.12E-05	2.37E-05	5.55E-05	1.14E-05
2770	624809.78	4264674.58	3.59E-04	1.23E-04	3.00E-04	9.23E-05	7.10E-05	2.36E-05	5.53E-05	1.14E-05
2771	624799.87	4264674.44	3.58E-04	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05	1.13E-05
2772	624789.96	4264674.31	3.57E-04	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05	1.13E-05
2773	624780.06	4264674.17	3.56E-04	1.22E-04	2.97E-04	9.15E-05	7.04E-05	2.34E-05	5.49E-05	1.13E-05
2774	624770.15	4264674.03	3.55E-04	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05	1.13E-05
2775	624760.24	4264673.89	3.54E-04	1.22E-04	2.95E-04	9.10E-05	7.00E-05	2.33E-05	5.45E-05	1.12E-05
2776	624750.33	4264673.76	3.53E-04	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05	1.12E-05
2777	624740.42	4264673.62	3.51E-04	1.21E-04	2.94E-04	9.05E-05	6.96E-05	2.32E-05	5.42E-05	1.12E-05
2778	624730.51	4264673.48	3.51E-04	1.21E-04	2.93E-04	9.03E-05	6.94E-05	2.31E-05	5.41E-05	1.11E-05
2779	624720.6	4264673.35	3.50E-04	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.39E-05	1.11E-05
2780	624710.69	4264673.21	3.49E-04	1.20E-04	2.91E-04	8.97E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
2781	624700.79	4264673.07	3.48E-04	1.20E-04	2.90E-04	8.95E-05	6.88E-05	2.29E-05	5.36E-05	1.10E-05
2782	624690.88	4264672.93	3.46E-04	1.19E-04	2.90E-04	8.92E-05	6.86E-05	2.28E-05	5.35E-05	1.10E-05
2783	624680.97	4264672.8	3.45E-04	1.19E-04	2.89E-04	8.89E-05	6.83E-05	2.27E-05	5.33E-05	1.10E-05
2784	624671.06	4264672.66	3.44E-04	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05	1.09E-05
2785	624661.15	4264672.52	3.43E-04	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.29E-05	1.09E-05
2786	624651.24	4264672.38	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
2787	624641.33	4264672.25	3.40E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
2788	624631.42	4264672.11	3.38E-04	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05	1.07E-05
2789	624621.52	4264671.97	3.36E-04	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.18E-05	1.07E-05
2790	624611.61	4264671.83	3.34E-04	1.15E-04	2.79E-04	8.59E-05	6.61E-05	2.20E-05	5.15E-05	1.06E-05
2791	624601.7	4264671.7	3.32E-04	1.14E-04	2.77E-04	8.54E-05	6.56E-05	2.18E-05	5.12E-05	1.05E-05
2792	624591.79	4264671.56	3.29E-04	1.13E-04	2.75E-04	8.48E-05	6.52E-05	2.17E-05	5.08E-05	1.04E-05
2793	624581.88	4264671.42	3.27E-04	1.12E-04	2.73E-04	8.41E-05	6.47E-05	2.15E-05	5.04E-05	1.04E-05
2794	624571.97	4264671.28	3.24E-04	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.00E-05	1.03E-05
2795	624562.06	4264671.15	3.22E-04	1.11E-04	2.69E-04	8.28E-05	6.37E-05	2.12E-05	4.96E-05	1.02E-05
2796	624552.15	4264671.01	3.19E-04	1.10E-04	2.67E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
2797	624542.24	4264670.87	3.16E-04	1.09E-04	2.64E-04	8.14E-05	6.26E-05	2.08E-05	4.88E-05	1.00E-05
2798	624532.34	4264670.73	3.13E-04	1.08E-04	2.62E-04	8.06E-05	6.20E-05	2.06E-05	4.83E-05	9.94E-06
2799	624522.43	4264670.6	3.10E-04	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.04E-05	4.79E-05	9.85E-06
2800	624512.52	4264670.46	3.07E-04	1.06E-04	2.57E-04	7.91E-05	6.08E-05	2.02E-05	4.74E-05	9.75E-06
2801	624502.61	4264670.32	3.04E-04	1.05E-04	2.54E-04	7.83E-05	6.02E-05	2.00E-05	4.69E-05	9.65E-06
2802	624492.7	4264670.18	3.01E-04	1.04E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.65E-05	9.55E-06
2803	624482.79	4264670.05	2.98E-04	1.02E-04	2.49E-04	7.67E-05	5.90E-05	1.96E-05	4.60E-05	9.46E-06
2804	624472.88	4264669.91	2.95E-04	1.01E-04	2.46E-04	7.59E-05	5.84E-05	1.94E-05	4.55E-05	9.36E-06
2805	624462.97	4264669.77	2.92E-04	1.00E-04	2.44E-04	7.52E-05	5.78E-05	1.92E-05	4.50E-05	9.26E-06

2806	624453.07	4264669.64	2.89E-04	9.94E-05	2.42E-04	7.44E-05	5.72E-05	1.90E-05	4.46E-05	9.17E-06
2807	624443.16	4264669.5	2.86E-04	9.84E-05	2.39E-04	7.37E-05	5.66E-05	1.89E-05	4.42E-05	9.08E-06
2808	624433.25	4264669.36	2.83E-04	9.74E-05	2.37E-04	7.30E-05	5.61E-05	1.87E-05	4.37E-05	8.99E-06
2809	624423.34	4264669.22	2.81E-04	9.65E-05	2.35E-04	7.23E-05	5.55E-05	1.85E-05	4.33E-05	8.91E-06
2810	624413.43	4264669.09	2.78E-04	9.56E-05	2.32E-04	7.16E-05	5.50E-05	1.83E-05	4.29E-05	8.82E-06
2811	624403.52	4264668.95	2.75E-04	9.47E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05	8.74E-06
2812	624393.61	4264668.81	2.73E-04	9.38E-05	2.28E-04	7.02E-05	5.40E-05	1.80E-05	4.21E-05	8.66E-06
2813	624383.7	4264668.67	2.70E-04	9.29E-05	2.26E-04	6.96E-05	5.35E-05	1.78E-05	4.17E-05	8.58E-06
2814	624373.8	4264668.54	2.68E-04	9.21E-05	2.24E-04	6.89E-05	5.30E-05	1.76E-05	4.13E-05	8.50E-06
2815	624879.62	4264579.3	3.20E-04	1.10E-04	2.67E-04	8.24E-05	6.33E-05	2.11E-05	4.94E-05	1.02E-05
2816	624888.63	4264583.18	3.23E-04	1.11E-04	2.70E-04	8.30E-05	6.38E-05	2.12E-05	4.98E-05	1.02E-05
2817	624897.63	4264587.07	3.25E-04	1.12E-04	2.72E-04	8.37E-05	6.44E-05	2.14E-05	5.02E-05	1.03E-05
2818	624906.63	4264590.95	3.28E-04	1.13E-04	2.74E-04	8.44E-05	6.49E-05	2.16E-05	5.06E-05	1.04E-05
2819	624915.64	4264594.83	3.31E-04	1.14E-04	2.76E-04	8.52E-05	6.55E-05	2.18E-05	5.10E-05	1.05E-05
2820	624924.64	4264598.72	3.34E-04	1.15E-04	2.79E-04	8.59E-05	6.60E-05	2.20E-05	5.15E-05	1.06E-05
2821	624933.64	4264602.6	3.37E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
2822	624942.65	4264606.48	3.40E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
2823	624951.65	4264610.37	3.43E-04	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.29E-05	1.09E-05
2824	624960.65	4264614.25	3.46E-04	1.19E-04	2.89E-04	8.90E-05	6.84E-05	2.28E-05	5.33E-05	1.10E-05
2825	624969.66	4264618.13	3.49E-04	1.20E-04	2.92E-04	8.98E-05	6.91E-05	2.30E-05	5.38E-05	1.11E-05
2826	624978.66	4264622.01	3.52E-04	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.43E-05	1.12E-05
2827	624987.66	4264625.9	3.55E-04	1.22E-04	2.97E-04	9.15E-05	7.04E-05	2.34E-05	5.48E-05	1.13E-05
2828	624996.67	4264629.78	3.59E-04	1.23E-04	3.00E-04	9.24E-05	7.10E-05	2.36E-05	5.54E-05	1.14E-05
2829	625005.67	4264633.66	3.62E-04	1.25E-04	3.03E-04	9.32E-05	7.17E-05	2.39E-05	5.59E-05	1.15E-05
2830	625014.67	4264637.55	3.66E-04	1.26E-04	3.06E-04	9.41E-05	7.24E-05	2.41E-05	5.64E-05	1.16E-05
2831	625023.68	4264641.43	3.69E-04	1.27E-04	3.09E-04	9.50E-05	7.31E-05	2.43E-05	5.70E-05	1.17E-05
2832	625032.68	4264645.31	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
2833	625041.68	4264649.2	3.76E-04	1.29E-04	3.14E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
2834	625050.68	4264653.08	3.80E-04	1.31E-04	3.17E-04	9.78E-05	7.52E-05	2.50E-05	5.86E-05	1.21E-05
2835	625059.69	4264656.96	3.83E-04	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.53E-05	5.91E-05	1.22E-05
2836	625068.69	4264660.85	3.87E-04	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
2837	625077.69	4264664.73	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
2838	625086.7	4264668.61	3.94E-04	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.07E-05	1.25E-05
2839	625095.7	4264672.5	3.97E-04	1.36E-04	3.32E-04	1.02E-04	7.86E-05	2.62E-05	6.12E-05	1.26E-05
2840	625104.7	4264676.38	4.00E-04	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.64E-05	6.17E-05	1.27E-05
2841	625113.71	4264680.26	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
2842	625122.71	4264684.15	4.06E-04	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
2843	625131.71	4264688.03	4.09E-04	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05	1.30E-05
2844	625140.72	4264691.91	4.11E-04	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.35E-05	1.31E-05
2845	625149.72	4264695.8	4.14E-04	1.42E-04	3.46E-04	1.06E-04	8.19E-05	2.72E-05	6.38E-05	1.31E-05
2846	625158.72	4264699.68	4.16E-04	1.43E-04	3.47E-04	1.07E-04	8.23E-05	2.74E-05	6.41E-05	1.32E-05
2847	625167.73	4264703.56	4.17E-04	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
2848	625176.73	4264707.45	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
2849	625185.73	4264711.33	4.20E-04	1.45E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.49E-05	1.33E-05
2850	625194.73	4264715.21	4.21E-04	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.50E-05	1.34E-05
2851	625203.74	4264719.1	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
2852	625212.74	4264722.98	4.23E-04	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05	1.34E-05
2853	625221.74	4264726.86	4.23E-04	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05	1.34E-05
2854	625230.75	4264730.75	4.23E-04	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05	1.34E-05
2855	625239.75	4264734.63	4.23E-04	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05	1.34E-05
2856	625248.75	4264738.51	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.78E-05	6.52E-05	1.34E-05
2857	625257.76	4264742.4	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
2858	625266.76	4264746.28	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05	1.34E-05

2859	625275.76	4264750.16	4.20E-04	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.76E-05	6.47E-05	1.33E-05
2860	625284.77	4264754.05	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.28E-05	2.75E-05	6.45E-05	1.33E-05
2861	625293.77	4264757.93	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
2862	625302.77	4264761.81	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
2863	625311.78	4264765.7	4.12E-04	1.42E-04	3.44E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05	1.31E-05
2864	625320.78	4264769.58	4.10E-04	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05	1.30E-05
2865	625329.78	4264773.46	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05	1.29E-05
2866	625338.79	4264777.35	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
2867	625347.79	4264781.23	4.01E-04	1.38E-04	3.35E-04	1.03E-04	7.94E-05	2.64E-05	6.19E-05	1.27E-05
2868	625356.79	4264785.11	3.98E-04	1.37E-04	3.33E-04	1.02E-04	7.88E-05	2.62E-05	6.14E-05	1.26E-05
2869	625365.79	4264789	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05	1.25E-05
2870	625374.8	4264792.88	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.03E-05	1.24E-05
2871	625383.8	4264796.76	3.87E-04	1.33E-04	3.24E-04	9.97E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
2872	625392.8	4264800.64	3.83E-04	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.53E-05	5.91E-05	1.22E-05
2873	625401.81	4264804.53	3.79E-04	1.30E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.85E-05	1.20E-05
2874	625410.81	4264808.41	3.75E-04	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
2875	625419.81	4264812.29	3.71E-04	1.28E-04	3.10E-04	9.55E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
2876	625428.82	4264816.18	3.67E-04	1.26E-04	3.07E-04	9.44E-05	7.26E-05	2.42E-05	5.66E-05	1.16E-05
2877	625437.82	4264820.06	3.62E-04	1.25E-04	3.03E-04	9.33E-05	7.17E-05	2.39E-05	5.59E-05	1.15E-05
2878	625446.82	4264823.94	3.58E-04	1.23E-04	2.99E-04	9.22E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
2879	625455.83	4264827.83	3.54E-04	1.22E-04	2.96E-04	9.11E-05	7.01E-05	2.33E-05	5.46E-05	1.12E-05
2880	625464.83	4264831.71	3.50E-04	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.40E-05	1.11E-05
2881	625473.83	4264835.59	3.45E-04	1.19E-04	2.89E-04	8.89E-05	6.83E-05	2.27E-05	5.33E-05	1.10E-05
2882	625482.84	4264839.48	3.41E-04	1.17E-04	2.85E-04	8.77E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
2883	625491.84	4264843.36	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
2884	625500.84	4264847.24	3.32E-04	1.14E-04	2.78E-04	8.56E-05	6.58E-05	2.19E-05	5.13E-05	1.05E-05
2885	625509.85	4264851.13	3.28E-04	1.13E-04	2.74E-04	8.45E-05	6.50E-05	2.16E-05	5.07E-05	1.04E-05
2886	625518.85	4264855.01	3.24E-04	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.01E-05	1.03E-05
2887	625527.85	4264858.89	3.20E-04	1.10E-04	2.68E-04	8.25E-05	6.34E-05	2.11E-05	4.95E-05	1.02E-05
2888	625536.85	4264862.78	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.88E-05	1.00E-05
2889	625545.86	4264866.66	3.13E-04	1.08E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.83E-05	9.92E-06
2890	625554.86	4264870.54	3.09E-04	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.04E-05	4.77E-05	9.80E-06
2891	625563.86	4264874.43	3.05E-04	1.05E-04	2.55E-04	7.86E-05	6.04E-05	2.01E-05	4.71E-05	9.69E-06
2892	625572.87	4264878.31	3.02E-04	1.04E-04	2.52E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
2893	625581.87	4264882.19	2.99E-04	1.03E-04	2.50E-04	7.69E-05	5.92E-05	1.97E-05	4.61E-05	9.48E-06
2894	625590.87	4264886.08	2.96E-04	1.02E-04	2.47E-04	7.61E-05	5.85E-05	1.95E-05	4.56E-05	9.38E-06
2895	625599.88	4264889.96	2.93E-04	1.01E-04	2.45E-04	7.54E-05	5.79E-05	1.93E-05	4.52E-05	9.29E-06
2896	625608.88	4264893.84	2.90E-04	9.97E-05	2.42E-04	7.46E-05	5.74E-05	1.91E-05	4.47E-05	9.20E-06
2897	625617.88	4264897.73	2.87E-04	9.87E-05	2.40E-04	7.39E-05	5.68E-05	1.89E-05	4.43E-05	9.11E-06
2898	625626.89	4264901.61	2.84E-04	9.78E-05	2.38E-04	7.32E-05	5.63E-05	1.87E-05	4.39E-05	9.02E-06
2899	625635.89	4264905.49	2.82E-04	9.69E-05	2.36E-04	7.25E-05	5.58E-05	1.86E-05	4.35E-05	8.94E-06
2900	625648.5	4264918.49	2.79E-04	9.61E-05	2.33E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
2901	625652.11	4264927.61	2.79E-04	9.61E-05	2.34E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
2902	625655.72	4264936.73	2.80E-04	9.61E-05	2.34E-04	7.20E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
2903	625659.33	4264945.84	2.80E-04	9.62E-05	2.34E-04	7.20E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
2904	625662.93	4264954.96	2.80E-04	9.62E-05	2.34E-04	7.20E-05	5.54E-05	1.84E-05	4.32E-05	8.88E-06
2905	625666.54	4264964.08	2.80E-04	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.84E-05	4.32E-05	8.88E-06
2906	625670.15	4264973.19	2.80E-04	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.85E-05	4.32E-05	8.89E-06
2907	625673.76	4264982.31	2.80E-04	9.63E-05	2.34E-04	7.21E-05	5.55E-05	1.85E-05	4.32E-05	8.89E-06
2908	625677.37	4264991.43	2.80E-04	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.32E-05	8.89E-06
2909	625680.98	4265000.54	2.80E-04	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2910	625684.59	4265009.66	2.80E-04	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2911	625688.19	4265018.78	2.80E-04	9.65E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06

2912	625691.8	4265027.89	2.80E-04	9.65E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2913	625695.41	4265037.01	2.80E-04	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2914	625699.02	4265046.13	2.80E-04	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2915	625702.63	4265055.24	2.80E-04	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06
2916	625706.24	4265064.36	2.80E-04	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.85E-05	4.32E-05	8.89E-06
2917	625709.84	4265073.48	2.80E-04	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.84E-05	4.32E-05	8.88E-06
2918	625713.45	4265082.59	2.80E-04	9.62E-05	2.34E-04	7.20E-05	5.54E-05	1.84E-05	4.32E-05	8.88E-06
2919	625717.06	4265091.71	2.79E-04	9.61E-05	2.34E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
2920	625720.67	4265100.83	2.79E-04	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.31E-05	8.86E-06
2921	625724.28	4265109.95	2.79E-04	9.58E-05	2.33E-04	7.17E-05	5.51E-05	1.84E-05	4.30E-05	8.84E-06
2922	625727.89	4265119.06	2.78E-04	9.57E-05	2.32E-04	7.16E-05	5.51E-05	1.83E-05	4.29E-05	8.83E-06
2923	625731.5	4265128.18	2.78E-04	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.28E-05	8.81E-06
2924	625735.1	4265137.3	2.77E-04	9.53E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05	8.80E-06
2925	625738.71	4265146.41	2.77E-04	9.51E-05	2.31E-04	7.12E-05	5.47E-05	1.82E-05	4.27E-05	8.78E-06
2926	625742.32	4265155.53	2.76E-04	9.49E-05	2.31E-04	7.10E-05	5.46E-05	1.82E-05	4.26E-05	8.76E-06
2927	625745.93	4265164.65	2.75E-04	9.46E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05	8.73E-06
2928	625749.54	4265173.76	2.74E-04	9.44E-05	2.29E-04	7.07E-05	5.43E-05	1.81E-05	4.24E-05	8.71E-06
2929	625753.15	4265182.88	2.74E-04	9.41E-05	2.29E-04	7.05E-05	5.42E-05	1.80E-05	4.22E-05	8.69E-06
2930	625756.76	4265192	2.73E-04	9.38E-05	2.28E-04	7.03E-05	5.40E-05	1.80E-05	4.21E-05	8.66E-06
2931	625760.36	4265201.11	2.72E-04	9.36E-05	2.27E-04	7.00E-05	5.38E-05	1.79E-05	4.20E-05	8.63E-06
2932	625763.97	4265210.23	2.71E-04	9.32E-05	2.27E-04	6.98E-05	5.37E-05	1.79E-05	4.18E-05	8.61E-06
2933	625767.58	4265219.35	2.70E-04	9.29E-05	2.26E-04	6.96E-05	5.35E-05	1.78E-05	4.17E-05	8.58E-06
2934	625771.19	4265228.46	2.69E-04	9.26E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
2935	625774.8	4265237.58	2.68E-04	9.22E-05	2.24E-04	6.91E-05	5.31E-05	1.77E-05	4.14E-05	8.51E-06
2936	625778.41	4265246.7	2.67E-04	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.13E-05	8.48E-06
2937	625782.01	4265255.81	2.66E-04	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.75E-05	4.11E-05	8.45E-06
2938	625785.62	4265264.93	2.65E-04	9.12E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.09E-05	8.42E-06
2939	625789.23	4265274.05	2.64E-04	9.07E-05	2.21E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05	8.38E-06
2940	625792.84	4265283.16	2.63E-04	9.03E-05	2.20E-04	6.76E-05	5.20E-05	1.73E-05	4.05E-05	8.33E-06
2941	625796.45	4265292.28	2.61E-04	8.99E-05	2.18E-04	6.73E-05	5.17E-05	1.72E-05	4.03E-05	8.29E-06
2942	625800.06	4265301.4	2.60E-04	8.95E-05	2.18E-04	6.70E-05	5.15E-05	1.71E-05	4.02E-05	8.26E-06
2943	625803.67	4265310.51	2.59E-04	8.91E-05	2.17E-04	6.67E-05	5.13E-05	1.71E-05	4.00E-05	8.22E-06
2944	625807.27	4265319.63	2.58E-04	8.87E-05	2.16E-04	6.64E-05	5.11E-05	1.70E-05	3.98E-05	8.19E-06
2945	625810.88	4265328.75	2.57E-04	8.82E-05	2.14E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05	8.14E-06
2946	625814.49	4265337.86	2.55E-04	8.77E-05	2.13E-04	6.57E-05	5.05E-05	1.68E-05	3.94E-05	8.10E-06
2947	625818.1	4265346.98	2.54E-04	8.73E-05	2.12E-04	6.53E-05	5.02E-05	1.67E-05	3.92E-05	8.05E-06
2948	625821.71	4265356.1	2.52E-04	8.68E-05	2.11E-04	6.50E-05	5.00E-05	1.66E-05	3.90E-05	8.01E-06
2949	625825.32	4265365.21	2.51E-04	8.64E-05	2.10E-04	6.47E-05	4.97E-05	1.65E-05	3.88E-05	7.97E-06
2950	625828.92	4265374.33	2.50E-04	8.59E-05	2.09E-04	6.43E-05	4.95E-05	1.65E-05	3.86E-05	7.93E-06
2951	625832.53	4265383.45	2.49E-04	8.55E-05	2.08E-04	6.40E-05	4.92E-05	1.64E-05	3.84E-05	7.89E-06
2952	625836.14	4265392.56	2.47E-04	8.51E-05	2.07E-04	6.37E-05	4.90E-05	1.63E-05	3.82E-05	7.85E-06
2953	625839.75	4265401.68	2.46E-04	8.46E-05	2.06E-04	6.33E-05	4.87E-05	1.62E-05	3.80E-05	7.81E-06
2954	625843.36	4265410.8	2.45E-04	8.42E-05	2.05E-04	6.30E-05	4.85E-05	1.61E-05	3.78E-05	7.77E-06
2955	625846.97	4265419.92	2.44E-04	8.37E-05	2.04E-04	6.27E-05	4.82E-05	1.60E-05	3.76E-05	7.73E-06
2956	625850.58	4265429.03	2.42E-04	8.33E-05	2.02E-04	6.24E-05	4.79E-05	1.60E-05	3.74E-05	7.69E-06
2957	625854.18	4265438.15	2.41E-04	8.29E-05	2.01E-04	6.20E-05	4.77E-05	1.59E-05	3.72E-05	7.65E-06
2958	625857.79	4265447.27	2.40E-04	8.24E-05	2.00E-04	6.17E-05	4.74E-05	1.58E-05	3.70E-05	7.61E-06
2959	625861.4	4265456.38	2.38E-04	8.20E-05	1.99E-04	6.14E-05	4.72E-05	1.57E-05	3.68E-05	7.56E-06
2960	625865.01	4265465.5	2.37E-04	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05	7.52E-06
2961	625868.62	4265474.62	2.36E-04	8.10E-05	1.97E-04	6.07E-05	4.66E-05	1.55E-05	3.64E-05	7.48E-06
2962	625872.23	4265483.73	2.34E-04	8.05E-05	1.96E-04	6.03E-05	4.64E-05	1.54E-05	3.61E-05	7.43E-06
2963	625875.83	4265492.85	2.33E-04	8.01E-05	1.95E-04	5.99E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
2964	625879.44	4265501.97	2.31E-04	7.96E-05	1.93E-04	5.96E-05	4.58E-05	1.52E-05	3.57E-05	7.34E-06

2965	625883.05	4265511.08	2.30E-04	7.90E-05	1.92E-04	5.92E-05	4.55E-05	1.51E-05	3.55E-05	7.29E-06
2966	625886.66	4265520.2	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.24E-06
2967	625890.27	4265529.32	2.27E-04	7.79E-05	1.89E-04	5.84E-05	4.49E-05	1.49E-05	3.50E-05	7.19E-06
2968	625893.88	4265538.43	2.25E-04	7.74E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05	7.14E-06
2969	625897.49	4265547.55	2.23E-04	7.68E-05	1.87E-04	5.75E-05	4.42E-05	1.47E-05	3.45E-05	7.09E-06
2970	625901.09	4265556.67	2.22E-04	7.62E-05	1.85E-04	5.70E-05	4.39E-05	1.46E-05	3.42E-05	7.03E-06
2971	625904.7	4265565.78	2.20E-04	7.56E-05	1.84E-04	5.66E-05	4.35E-05	1.45E-05	3.39E-05	6.97E-06
2972	625908.31	4265574.9	2.18E-04	7.49E-05	1.82E-04	5.61E-05	4.31E-05	1.44E-05	3.36E-05	6.92E-06
2973	625911.92	4265584.02	2.16E-04	7.43E-05	1.81E-04	5.56E-05	4.28E-05	1.42E-05	3.33E-05	6.85E-06
2974	625915.53	4265593.13	2.14E-04	7.36E-05	1.79E-04	5.51E-05	4.24E-05	1.41E-05	3.30E-05	6.79E-06
2975	625919.14	4265602.25	2.12E-04	7.29E-05	1.77E-04	5.46E-05	4.20E-05	1.40E-05	3.27E-05	6.73E-06
2976	625922.74	4265611.37	2.10E-04	7.22E-05	1.76E-04	5.41E-05	4.16E-05	1.38E-05	3.24E-05	6.67E-06
2977	625926.35	4265620.48	2.08E-04	7.15E-05	1.74E-04	5.35E-05	4.12E-05	1.37E-05	3.21E-05	6.60E-06
2978	625929.96	4265629.6	2.06E-04	7.08E-05	1.72E-04	5.30E-05	4.07E-05	1.36E-05	3.18E-05	6.53E-06
2979	625933.57	4265638.72	2.04E-04	7.01E-05	1.70E-04	5.24E-05	4.03E-05	1.34E-05	3.14E-05	6.47E-06
2980	625937.18	4265647.83	2.02E-04	6.93E-05	1.68E-04	5.19E-05	3.99E-05	1.33E-05	3.11E-05	6.40E-06
2981	625940.79	4265656.95	1.99E-04	6.86E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
2982	625944.4	4265666.07	1.97E-04	6.78E-05	1.65E-04	5.08E-05	3.90E-05	1.30E-05	3.04E-05	6.26E-06
2983	625948	4265675.18	1.95E-04	6.71E-05	1.63E-04	5.02E-05	3.86E-05	1.28E-05	3.01E-05	6.19E-06
2984	625951.61	4265684.3	1.93E-04	6.63E-05	1.61E-04	4.96E-05	3.82E-05	1.27E-05	2.98E-05	6.12E-06
2985	624870.62	4264575.42	3.17E-04	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05	1.01E-05
2986	624860.71	4264575.28	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05	1.00E-05
2987	624850.8	4264575.14	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
2988	624840.9	4264575	3.15E-04	1.08E-04	2.63E-04	8.11E-05	6.24E-05	2.08E-05	4.86E-05	1.00E-05
2989	624830.99	4264574.87	3.14E-04	1.08E-04	2.63E-04	8.09E-05	6.22E-05	2.07E-05	4.85E-05	9.97E-06
2990	624821.08	4264574.73	3.13E-04	1.08E-04	2.62E-04	8.07E-05	6.20E-05	2.07E-05	4.84E-05	9.95E-06
2991	624811.17	4264574.59	3.13E-04	1.08E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.82E-05	9.92E-06
2992	624801.26	4264574.45	3.12E-04	1.07E-04	2.61E-04	8.03E-05	6.18E-05	2.06E-05	4.81E-05	9.90E-06
2993	624791.35	4264574.32	3.11E-04	1.07E-04	2.60E-04	8.02E-05	6.17E-05	2.05E-05	4.81E-05	9.89E-06
2994	624781.44	4264574.18	3.11E-04	1.07E-04	2.60E-04	8.01E-05	6.15E-05	2.05E-05	4.80E-05	9.87E-06
2995	624771.53	4264574.04	3.10E-04	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.05E-05	4.79E-05	9.85E-06
2996	624761.62	4264573.9	3.10E-04	1.07E-04	2.59E-04	7.98E-05	6.13E-05	2.04E-05	4.78E-05	9.83E-06
2997	624751.72	4264573.77	3.09E-04	1.06E-04	2.59E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05	9.82E-06
2998	624741.81	4264573.63	3.09E-04	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.03E-05	4.76E-05	9.80E-06
2999	624731.9	4264573.49	3.08E-04	1.06E-04	2.58E-04	7.94E-05	6.10E-05	2.03E-05	4.76E-05	9.79E-06
3000	624721.99	4264573.35	3.08E-04	1.06E-04	2.57E-04	7.93E-05	6.09E-05	2.03E-05	4.75E-05	9.77E-06
3001	624712.08	4264573.22	3.07E-04	1.06E-04	2.57E-04	7.91E-05	6.08E-05	2.03E-05	4.74E-05	9.76E-06
3002	624702.17	4264573.08	3.07E-04	1.06E-04	2.57E-04	7.90E-05	6.07E-05	2.02E-05	4.74E-05	9.74E-06
3003	624692.26	4264572.94	3.06E-04	1.05E-04	2.56E-04	7.89E-05	6.06E-05	2.02E-05	4.73E-05	9.72E-06
3004	624682.35	4264572.81	3.06E-04	1.05E-04	2.56E-04	7.87E-05	6.05E-05	2.01E-05	4.72E-05	9.70E-06
3005	624672.45	4264572.67	3.05E-04	1.05E-04	2.55E-04	7.85E-05	6.04E-05	2.01E-05	4.71E-05	9.68E-06
3006	624662.54	4264572.53	3.04E-04	1.05E-04	2.54E-04	7.83E-05	6.02E-05	2.00E-05	4.69E-05	9.65E-06
3007	624652.63	4264572.39	3.03E-04	1.04E-04	2.53E-04	7.81E-05	6.00E-05	2.00E-05	4.68E-05	9.62E-06
3008	624642.72	4264572.26	3.02E-04	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
3009	624632.81	4264572.12	3.01E-04	1.04E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.64E-05	9.55E-06
3010	624622.9	4264571.98	3.00E-04	1.03E-04	2.51E-04	7.72E-05	5.93E-05	1.97E-05	4.62E-05	9.51E-06
3011	624612.99	4264571.84	2.98E-04	1.03E-04	2.49E-04	7.68E-05	5.90E-05	1.97E-05	4.60E-05	9.47E-06
3012	624603.08	4264571.71	2.97E-04	1.02E-04	2.48E-04	7.64E-05	5.87E-05	1.95E-05	4.58E-05	9.42E-06
3013	624593.18	4264571.57	2.95E-04	1.01E-04	2.47E-04	7.59E-05	5.84E-05	1.94E-05	4.55E-05	9.36E-06
3014	624583.27	4264571.43	2.93E-04	1.01E-04	2.45E-04	7.54E-05	5.80E-05	1.93E-05	4.52E-05	9.30E-06
3015	624573.36	4264571.29	2.91E-04	1.00E-04	2.43E-04	7.49E-05	5.76E-05	1.92E-05	4.49E-05	9.23E-06
3016	624563.45	4264571.16	2.89E-04	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05	9.16E-06
3017	624553.54	4264571.02	2.86E-04	9.84E-05	2.39E-04	7.37E-05	5.67E-05	1.89E-05	4.42E-05	9.08E-06

3018	624543.63	4264570.88	2.84E-04	9.76E-05	2.37E-04	7.31E-05	5.62E-05	1.87E-05	4.38E-05	9.01E-06
3019	624533.72	4264570.74	2.81E-04	9.67E-05	2.35E-04	7.24E-05	5.57E-05	1.85E-05	4.34E-05	8.93E-06
3020	624523.81	4264570.61	2.79E-04	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.30E-05	8.85E-06
3021	624513.9	4264570.47	2.76E-04	9.50E-05	2.31E-04	7.11E-05	5.47E-05	1.82E-05	4.26E-05	8.76E-06
3022	624504	4264570.33	2.73E-04	9.40E-05	2.29E-04	7.04E-05	5.41E-05	1.80E-05	4.22E-05	8.68E-06
3023	624494.09	4264570.19	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
3024	624484.18	4264570.06	2.68E-04	9.21E-05	2.24E-04	6.90E-05	5.30E-05	1.77E-05	4.13E-05	8.50E-06
3025	624474.27	4264569.92	2.65E-04	9.12E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.09E-05	8.42E-06
3026	624464.36	4264569.78	2.62E-04	9.02E-05	2.19E-04	6.75E-05	5.19E-05	1.73E-05	4.05E-05	8.33E-06
3027	624454.45	4264569.64	2.59E-04	8.92E-05	2.17E-04	6.68E-05	5.14E-05	1.71E-05	4.00E-05	8.23E-06
3028	624444.54	4264569.51	2.57E-04	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05	8.15E-06
3029	624434.63	4264569.37	2.54E-04	8.73E-05	2.12E-04	6.54E-05	5.03E-05	1.67E-05	3.92E-05	8.06E-06
3030	624424.73	4264569.23	2.51E-04	8.64E-05	2.10E-04	6.47E-05	4.97E-05	1.66E-05	3.88E-05	7.98E-06
3031	624414.82	4264569.1	2.49E-04	8.55E-05	2.08E-04	6.40E-05	4.92E-05	1.64E-05	3.84E-05	7.89E-06
3032	624404.91	4264568.96	2.46E-04	8.47E-05	2.06E-04	6.34E-05	4.87E-05	1.62E-05	3.80E-05	7.81E-06
3033	624395	4264568.82	2.44E-04	8.38E-05	2.04E-04	6.28E-05	4.82E-05	1.61E-05	3.76E-05	7.73E-06
3034	624385.09	4264568.68	2.41E-04	8.30E-05	2.02E-04	6.21E-05	4.78E-05	1.59E-05	3.72E-05	7.66E-06
3035	624375.18	4264568.55	2.39E-04	8.22E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05	7.58E-06
3036	624349.93	4265668.3	2.64E-03	9.07E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.37E-05
3037	624349.79	4265678.19	2.81E-03	9.65E-04	2.35E-03	7.23E-04	5.56E-04	1.85E-04	4.33E-04	8.91E-05
3038	624349.64	4265688.08	2.99E-03	1.03E-03	2.50E-03	7.71E-04	5.92E-04	1.97E-04	4.62E-04	9.50E-05
3039	624349.5	4265697.97	3.19E-03	1.10E-03	2.67E-03	8.22E-04	6.32E-04	2.10E-04	4.93E-04	1.01E-04
3040	624349.36	4265707.87	3.40E-03	1.17E-03	2.84E-03	8.75E-04	6.73E-04	2.24E-04	5.25E-04	1.08E-04
3041	624349.22	4265717.76	3.61E-03	1.24E-03	3.02E-03	9.30E-04	7.15E-04	2.38E-04	5.57E-04	1.15E-04
3042	624349.07	4265727.65	3.83E-03	1.32E-03	3.20E-03	9.85E-04	7.57E-04	2.52E-04	5.90E-04	1.21E-04
3043	624348.93	4265737.54	4.04E-03	1.39E-03	3.37E-03	1.04E-03	7.99E-04	2.66E-04	6.23E-04	1.28E-04
3044	624348.79	4265747.44	4.24E-03	1.46E-03	3.54E-03	1.09E-03	8.39E-04	2.79E-04	6.54E-04	1.35E-04
3045	624348.64	4265757.33	4.43E-03	1.52E-03	3.70E-03	1.14E-03	8.77E-04	2.92E-04	6.84E-04	1.41E-04
3046	624348.5	4265767.22	4.61E-03	1.59E-03	3.86E-03	1.19E-03	9.13E-04	3.04E-04	7.12E-04	1.46E-04
3047	624348.36	4265777.11	4.78E-03	1.64E-03	4.00E-03	1.23E-03	9.46E-04	3.15E-04	7.38E-04	1.52E-04
3048	624348.21	4265787.01	4.94E-03	1.70E-03	4.13E-03	1.27E-03	9.77E-04	3.25E-04	7.62E-04	1.57E-04
3049	624348.07	4265796.9	5.08E-03	1.75E-03	4.24E-03	1.31E-03	1.01E-03	3.35E-04	7.84E-04	1.61E-04
3050	624347.93	4265806.79	5.21E-03	1.79E-03	4.35E-03	1.34E-03	1.03E-03	3.43E-04	8.04E-04	1.65E-04
3051	624347.78	4265816.68	5.33E-03	1.83E-03	4.45E-03	1.37E-03	1.05E-03	3.51E-04	8.22E-04	1.69E-04
3052	624347.64	4265826.58	5.44E-03	1.87E-03	4.54E-03	1.40E-03	1.08E-03	3.58E-04	8.39E-04	1.73E-04
3053	624342.96	4265661.12	2.38E-03	8.20E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04	7.57E-05
3054	624339.79	4265678.04	2.56E-03	8.79E-04	2.14E-03	6.58E-04	5.06E-04	1.68E-04	3.94E-04	8.11E-05
3055	624339.65	4265687.94	2.70E-03	9.29E-04	2.26E-03	6.96E-04	5.35E-04	1.78E-04	4.17E-04	8.58E-05
3056	624339.5	4265697.83	2.86E-03	9.83E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04	9.07E-05
3057	624339.36	4265707.72	3.02E-03	1.04E-03	2.52E-03	7.78E-04	5.98E-04	1.99E-04	4.66E-04	9.58E-05
3058	624339.22	4265717.61	3.19E-03	1.10E-03	2.66E-03	8.20E-04	6.31E-04	2.10E-04	4.92E-04	1.01E-04
3059	624339.07	4265727.51	3.35E-03	1.15E-03	2.80E-03	8.63E-04	6.64E-04	2.21E-04	5.17E-04	1.06E-04
3060	624338.93	4265737.4	3.52E-03	1.21E-03	2.94E-03	9.07E-04	6.97E-04	2.32E-04	5.43E-04	1.12E-04
3061	624338.79	4265747.29	3.69E-03	1.27E-03	3.08E-03	9.49E-04	7.30E-04	2.43E-04	5.69E-04	1.17E-04
3062	624338.64	4265757.18	3.85E-03	1.32E-03	3.21E-03	9.90E-04	7.61E-04	2.53E-04	5.93E-04	1.22E-04
3063	624338.5	4265767.08	4.00E-03	1.37E-03	3.34E-03	1.03E-03	7.91E-04	2.63E-04	6.17E-04	1.27E-04
3064	624338.36	4265776.97	4.14E-03	1.42E-03	3.46E-03	1.07E-03	8.20E-04	2.73E-04	6.39E-04	1.31E-04
3065	624338.21	4265786.86	4.28E-03	1.47E-03	3.58E-03	1.10E-03	8.47E-04	2.82E-04	6.60E-04	1.36E-04
3066	624338.07	4265796.75	4.41E-03	1.51E-03	3.68E-03	1.13E-03	8.72E-04	2.90E-04	6.80E-04	1.40E-04
3067	624337.93	4265806.65	4.52E-03	1.56E-03	3.78E-03	1.16E-03	8.95E-04	2.98E-04	6.98E-04	1.44E-04
3068	624337.79	4265816.54	4.63E-03	1.59E-03	3.87E-03	1.19E-03	9.17E-04	3.05E-04	7.15E-04	1.47E-04
3069	624337.64	4265826.43	4.73E-03	1.63E-03	3.95E-03	1.22E-03	9.37E-04	3.12E-04	7.30E-04	1.50E-04
3070	624332.96	4265660.98	2.21E-03	7.61E-04	1.85E-03	5.70E-04	4.38E-04	1.46E-04	3.41E-04	7.02E-05

3071	624346.13	4265644.1	2.22E-03	7.64E-04	1.86E-03	5.72E-04	4.40E-04	1.46E-04	3.43E-04	7.05E-05
3072	624329.79	4265677.9	2.35E-03	8.08E-04	1.97E-03	6.05E-04	4.65E-04	1.55E-04	3.63E-04	7.46E-05
3073	624329.65	4265687.79	2.47E-03	8.49E-04	2.06E-03	6.36E-04	4.89E-04	1.63E-04	3.81E-04	7.84E-05
3074	624329.5	4265697.68	2.59E-03	8.92E-04	2.17E-03	6.68E-04	5.13E-04	1.71E-04	4.00E-04	8.23E-05
3075	624329.36	4265707.58	2.72E-03	9.37E-04	2.28E-03	7.02E-04	5.39E-04	1.80E-04	4.20E-04	8.65E-05
3076	624329.22	4265717.47	2.86E-03	9.83E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04	9.07E-05
3077	624329.07	4265727.36	2.99E-03	1.03E-03	2.50E-03	7.71E-04	5.93E-04	1.97E-04	4.62E-04	9.50E-05
3078	624328.93	4265737.25	3.13E-03	1.08E-03	2.62E-03	8.06E-04	6.19E-04	2.06E-04	4.83E-04	9.93E-05
3079	624328.79	4265747.15	3.26E-03	1.12E-03	2.73E-03	8.41E-04	6.46E-04	2.15E-04	5.04E-04	1.04E-04
3080	624328.65	4265757.04	3.40E-03	1.17E-03	2.84E-03	8.75E-04	6.73E-04	2.24E-04	5.24E-04	1.08E-04
3081	624328.5	4265766.93	3.53E-03	1.21E-03	2.95E-03	9.08E-04	6.98E-04	2.32E-04	5.44E-04	1.12E-04
3082	624328.36	4265776.82	3.65E-03	1.26E-03	3.05E-03	9.40E-04	7.22E-04	2.40E-04	5.63E-04	1.16E-04
3083	624328.22	4265786.72	3.77E-03	1.30E-03	3.15E-03	9.70E-04	7.46E-04	2.48E-04	5.81E-04	1.20E-04
3084	624328.07	4265796.61	3.88E-03	1.33E-03	3.24E-03	9.99E-04	7.68E-04	2.56E-04	5.99E-04	1.23E-04
3085	624327.93	4265806.5	3.99E-03	1.37E-03	3.33E-03	1.03E-03	7.89E-04	2.63E-04	6.15E-04	1.26E-04
3086	624327.79	4265816.39	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.08E-04	2.69E-04	6.30E-04	1.30E-04
3087	624327.64	4265826.29	4.17E-03	1.44E-03	3.49E-03	1.07E-03	8.26E-04	2.75E-04	6.44E-04	1.32E-04
3088	624322.96	4265660.84	2.07E-03	7.10E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04	6.55E-05
3089	624329.02	4265646.78	2.02E-03	6.93E-04	1.69E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04	6.40E-05
3090	624309.79	4265677.61	2.03E-03	6.99E-04	1.70E-03	5.24E-04	4.03E-04	1.34E-04	3.14E-04	6.45E-05
3091	624309.65	4265687.5	2.12E-03	7.28E-04	1.77E-03	5.45E-04	4.19E-04	1.39E-04	3.26E-04	6.71E-05
3092	624309.51	4265697.39	2.20E-03	7.57E-04	1.84E-03	5.67E-04	4.36E-04	1.45E-04	3.40E-04	6.99E-05
3093	624309.36	4265707.29	2.29E-03	7.88E-04	1.92E-03	5.90E-04	4.54E-04	1.51E-04	3.54E-04	7.27E-05
3094	624309.22	4265717.18	2.38E-03	8.20E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04	7.57E-05
3095	624309.08	4265727.07	2.48E-03	8.52E-04	2.07E-03	6.38E-04	4.91E-04	1.63E-04	3.83E-04	7.87E-05
3096	624308.93	4265736.96	2.57E-03	8.85E-04	2.15E-03	6.63E-04	5.09E-04	1.70E-04	3.97E-04	8.17E-05
3097	624308.79	4265746.86	2.67E-03	9.18E-04	2.23E-03	6.87E-04	5.28E-04	1.76E-04	4.12E-04	8.47E-05
3098	624308.65	4265756.75	2.76E-03	9.50E-04	2.31E-03	7.12E-04	5.47E-04	1.82E-04	4.26E-04	8.77E-05
3099	624308.5	4265766.64	2.86E-03	9.82E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04	9.07E-05
3100	624308.36	4265776.53	2.95E-03	1.01E-03	2.46E-03	7.59E-04	5.84E-04	1.94E-04	4.55E-04	9.36E-05
3101	624308.07	4265796.32	3.12E-03	1.07E-03	2.61E-03	8.04E-04	6.18E-04	2.06E-04	4.82E-04	9.91E-05
3102	624307.93	4265806.21	3.21E-03	1.10E-03	2.68E-03	8.25E-04	6.34E-04	2.11E-04	4.95E-04	1.02E-04
3103	624307.79	4265816.1	3.28E-03	1.13E-03	2.75E-03	8.46E-04	6.50E-04	2.16E-04	5.07E-04	1.04E-04
3104	624307.65	4265826	3.36E-03	1.15E-03	2.81E-03	8.65E-04	6.65E-04	2.21E-04	5.18E-04	1.07E-04
3105	624303.57	4265659.14	1.82E-03	6.26E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04	5.78E-05
3106	624299.94	4265667.57	1.84E-03	6.33E-04	1.54E-03	4.74E-04	3.64E-04	1.21E-04	2.84E-04	5.84E-05
3107	624299.79	4265677.46	1.91E-03	6.56E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
3108	624299.65	4265687.36	1.98E-03	6.80E-04	1.65E-03	5.09E-04	3.91E-04	1.30E-04	3.05E-04	6.27E-05
3109	624299.51	4265697.25	2.05E-03	7.05E-04	1.71E-03	5.28E-04	4.06E-04	1.35E-04	3.16E-04	6.51E-05
3110	624299.36	4265707.14	2.13E-03	7.31E-04	1.78E-03	5.48E-04	4.21E-04	1.40E-04	3.28E-04	6.75E-05
3111	624299.22	4265717.03	2.21E-03	7.59E-04	1.84E-03	5.68E-04	4.37E-04	1.45E-04	3.40E-04	7.00E-05
3112	624299.08	4265726.93	2.29E-03	7.86E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04	7.26E-05
3113	624298.93	4265736.82	2.37E-03	8.14E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.65E-04	7.52E-05
3114	624298.79	4265746.71	2.45E-03	8.42E-04	2.05E-03	6.31E-04	4.85E-04	1.61E-04	3.78E-04	7.77E-05
3115	624298.65	4265756.6	2.53E-03	8.70E-04	2.12E-03	6.52E-04	5.01E-04	1.67E-04	3.91E-04	8.03E-05
3116	624298.51	4265766.5	2.61E-03	8.98E-04	2.18E-03	6.72E-04	5.17E-04	1.72E-04	4.03E-04	8.29E-05
3117	624298.36	4265776.39	2.69E-03	9.25E-04	2.25E-03	6.93E-04	5.33E-04	1.77E-04	4.15E-04	8.54E-05
3118	624298.08	4265796.17	2.84E-03	9.78E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04	9.02E-05
3119	624297.93	4265806.07	2.92E-03	1.00E-03	2.44E-03	7.51E-04	5.77E-04	1.92E-04	4.50E-04	9.25E-05
3120	624297.79	4265815.96	2.99E-03	1.03E-03	2.50E-03	7.69E-04	5.91E-04	1.97E-04	4.61E-04	9.48E-05
3121	624297.65	4265825.85	3.05E-03	1.05E-03	2.55E-03	7.86E-04	6.04E-04	2.01E-04	4.71E-04	9.69E-05
3122	624293.47	4265659.23	1.72E-03	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04	5.47E-05
3123	624289.94	4265667.43	1.74E-03	5.97E-04	1.45E-03	4.47E-04	3.44E-04	1.14E-04	2.68E-04	5.51E-05

3124	624289.79	4265677.32	1.80E-03	6.17E-04	1.50E-03	4.62E-04	3.55E-04	1.18E-04	2.77E-04	5.70E-05
3125	624289.65	4265687.21	1.86E-03	6.38E-04	1.55E-03	4.78E-04	3.67E-04	1.22E-04	2.86E-04	5.89E-05
3126	624289.51	4265697.1	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
3127	624289.36	4265707	1.99E-03	6.83E-04	1.66E-03	5.11E-04	3.93E-04	1.31E-04	3.06E-04	6.30E-05
3128	624289.22	4265716.89	2.05E-03	7.06E-04	1.72E-03	5.29E-04	4.06E-04	1.35E-04	3.17E-04	6.52E-05
3129	624289.08	4265726.78	2.12E-03	7.30E-04	1.77E-03	5.47E-04	4.20E-04	1.40E-04	3.28E-04	6.74E-05
3130	624288.94	4265736.67	2.19E-03	7.54E-04	1.83E-03	5.65E-04	4.34E-04	1.45E-04	3.39E-04	6.96E-05
3131	624288.79	4265746.57	2.26E-03	7.79E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04	7.19E-05
3132	624288.65	4265756.46	2.34E-03	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.41E-05
3133	624288.51	4265766.35	2.41E-03	8.27E-04	2.01E-03	6.19E-04	4.76E-04	1.58E-04	3.71E-04	7.63E-05
3134	624288.36	4265776.24	2.47E-03	8.51E-04	2.07E-03	6.37E-04	4.90E-04	1.63E-04	3.82E-04	7.85E-05
3135	624288.08	4265796.03	2.61E-03	8.97E-04	2.18E-03	6.72E-04	5.16E-04	1.72E-04	4.03E-04	8.28E-05
3136	624287.93	4265805.92	2.67E-03	9.19E-04	2.23E-03	6.88E-04	5.29E-04	1.76E-04	4.12E-04	8.48E-05
3137	624287.79	4265815.81	2.73E-03	9.40E-04	2.29E-03	7.04E-04	5.41E-04	1.80E-04	4.22E-04	8.68E-05
3138	624287.65	4265825.71	2.79E-03	9.61E-04	2.34E-03	7.19E-04	5.53E-04	1.84E-04	4.31E-04	8.87E-05
3139	624283.4	4265659.25	1.63E-03	5.62E-04	1.37E-03	4.20E-04	3.23E-04	1.08E-04	2.52E-04	5.18E-05
3140	624279.8	4265677.18	1.70E-03	5.83E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.38E-05
3141	624279.65	4265687.07	1.75E-03	6.02E-04	1.46E-03	4.51E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
3142	624279.51	4265696.96	1.80E-03	6.21E-04	1.51E-03	4.65E-04	3.57E-04	1.19E-04	2.79E-04	5.73E-05
3143	624279.37	4265706.85	1.86E-03	6.40E-04	1.56E-03	4.79E-04	3.69E-04	1.23E-04	2.87E-04	5.91E-05
3144	624279.22	4265716.75	1.92E-03	6.61E-04	1.61E-03	4.95E-04	3.80E-04	1.27E-04	2.96E-04	6.10E-05
3145	624279.08	4265726.64	1.98E-03	6.82E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04	6.29E-05
3146	624278.94	4265736.53	2.04E-03	7.03E-04	1.71E-03	5.26E-04	4.05E-04	1.35E-04	3.15E-04	6.49E-05
3147	624278.79	4265746.42	2.11E-03	7.24E-04	1.76E-03	5.42E-04	4.17E-04	1.39E-04	3.25E-04	6.68E-05
3148	624278.65	4265756.32	2.17E-03	7.45E-04	1.81E-03	5.58E-04	4.29E-04	1.43E-04	3.34E-04	6.88E-05
3149	624278.51	4265766.21	2.23E-03	7.67E-04	1.86E-03	5.74E-04	4.41E-04	1.47E-04	3.44E-04	7.07E-05
3150	624278.36	4265776.1	2.29E-03	7.87E-04	1.91E-03	5.90E-04	4.53E-04	1.51E-04	3.53E-04	7.27E-05
3151	624278.08	4265795.89	2.41E-03	8.28E-04	2.01E-03	6.20E-04	4.77E-04	1.59E-04	3.72E-04	7.64E-05
3152	624277.93	4265805.78	2.47E-03	8.48E-04	2.06E-03	6.35E-04	4.88E-04	1.62E-04	3.80E-04	7.82E-05
3153	624277.79	4265815.67	2.52E-03	8.67E-04	2.11E-03	6.49E-04	4.99E-04	1.66E-04	3.89E-04	8.00E-05
3154	624277.65	4265825.56	2.57E-03	8.85E-04	2.15E-03	6.63E-04	5.09E-04	1.70E-04	3.97E-04	8.17E-05
3155	624342.9	4265585.72	1.66E-03	5.72E-04	1.39E-03	4.28E-04	3.29E-04	1.10E-04	2.57E-04	5.28E-05
3156	624352.04	4265582.09	1.70E-03	5.86E-04	1.42E-03	4.39E-04	3.37E-04	1.12E-04	2.63E-04	5.41E-05
3157	624269.94	4265667.14	1.56E-03	5.37E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04	4.96E-05
3158	624269.8	4265677.03	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.10E-05
3159	624269.65	4265686.92	1.65E-03	5.69E-04	1.38E-03	4.26E-04	3.28E-04	1.09E-04	2.55E-04	5.25E-05
3160	624269.51	4265696.82	1.70E-03	5.86E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04	5.40E-05
3161	624269.37	4265706.71	1.75E-03	6.03E-04	1.47E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04	5.56E-05
3162	624269.22	4265716.6	1.80E-03	6.21E-04	1.51E-03	4.65E-04	3.57E-04	1.19E-04	2.78E-04	5.73E-05
3163	624269.08	4265726.49	1.86E-03	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04	5.90E-05
3164	624268.94	4265736.39	1.91E-03	6.58E-04	1.60E-03	4.92E-04	3.79E-04	1.26E-04	2.95E-04	6.07E-05
3165	624268.79	4265746.28	1.97E-03	6.77E-04	1.64E-03	5.07E-04	3.89E-04	1.30E-04	3.04E-04	6.24E-05
3166	624268.65	4265756.17	2.02E-03	6.95E-04	1.69E-03	5.21E-04	4.00E-04	1.33E-04	3.12E-04	6.42E-05
3167	624268.51	4265766.06	2.08E-03	7.14E-04	1.74E-03	5.35E-04	4.11E-04	1.37E-04	3.20E-04	6.59E-05
3168	624268.37	4265775.96	2.13E-03	7.33E-04	1.78E-03	5.49E-04	4.22E-04	1.40E-04	3.29E-04	6.76E-05
3169	624268.08	4265795.74	2.24E-03	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04	7.10E-05
3170	624267.94	4265805.63	2.29E-03	7.86E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04	7.26E-05
3171	624267.79	4265815.53	2.34E-03	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.41E-05
3172	624267.65	4265825.42	2.38E-03	8.20E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04	7.56E-05
3173	624316.89	4265586.13	1.50E-03	5.15E-04	1.25E-03	3.86E-04	2.97E-04	9.87E-05	2.31E-04	4.75E-05
3174	624325.77	4265582.59	1.53E-03	5.27E-04	1.28E-03	3.95E-04	3.03E-04	1.01E-04	2.37E-04	4.87E-05
3175	624334.66	4265579.06	1.57E-03	5.39E-04	1.31E-03	4.04E-04	3.10E-04	1.03E-04	2.42E-04	4.97E-05
3176	624343.54	4265575.52	1.60E-03	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.06E-04	2.47E-04	5.08E-05

3177	624352.43	4265571.99	1.64E-03	5.62E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.52E-04	5.19E-05
3178	624259.94	4265666.99	1.49E-03	5.11E-04	1.24E-03	3.83E-04	2.94E-04	9.79E-05	2.29E-04	4.72E-05
3179	624259.8	4265676.89	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
3180	624259.65	4265686.78	1.57E-03	5.39E-04	1.31E-03	4.04E-04	3.11E-04	1.03E-04	2.42E-04	4.98E-05
3181	624259.51	4265696.67	1.61E-03	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04	5.11E-05
3182	624259.37	4265706.56	1.66E-03	5.69E-04	1.38E-03	4.26E-04	3.28E-04	1.09E-04	2.55E-04	5.25E-05
3183	624259.22	4265716.46	1.70E-03	5.85E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04	5.40E-05
3184	624259.08	4265726.35	1.75E-03	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
3185	624258.94	4265736.24	1.80E-03	6.18E-04	1.50E-03	4.63E-04	3.56E-04	1.18E-04	2.77E-04	5.70E-05
3186	624258.8	4265746.13	1.85E-03	6.35E-04	1.54E-03	4.75E-04	3.65E-04	1.22E-04	2.85E-04	5.86E-05
3187	624258.65	4265756.03	1.89E-03	6.51E-04	1.58E-03	4.88E-04	3.75E-04	1.25E-04	2.92E-04	6.01E-05
3188	624258.51	4265765.92	1.94E-03	6.68E-04	1.62E-03	5.00E-04	3.85E-04	1.28E-04	3.00E-04	6.17E-05
3189	624258.37	4265775.81	1.99E-03	6.85E-04	1.66E-03	5.13E-04	3.94E-04	1.31E-04	3.07E-04	6.32E-05
3190	624258.08	4265795.6	2.08E-03	7.17E-04	1.74E-03	5.37E-04	4.13E-04	1.37E-04	3.22E-04	6.62E-05
3191	624257.94	4265805.49	2.13E-03	7.33E-04	1.78E-03	5.48E-04	4.22E-04	1.40E-04	3.29E-04	6.76E-05
3192	624257.79	4265815.38	2.17E-03	7.48E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.36E-04	6.90E-05
3193	624257.65	4265825.27	2.22E-03	7.62E-04	1.85E-03	5.71E-04	4.39E-04	1.46E-04	3.42E-04	7.04E-05
3194	624238.73	4265657.85	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04	4.18E-05
3195	624242.51	4265649.07	1.31E-03	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.63E-05	2.02E-04	4.16E-05
3196	624246.3	4265640.28	1.30E-03	4.48E-04	1.09E-03	3.36E-04	2.58E-04	8.59E-05	2.01E-04	4.14E-05
3197	624269.02	4265587.59	1.25E-03	4.30E-04	1.05E-03	3.22E-04	2.48E-04	8.25E-05	1.93E-04	3.97E-05
3198	624281.69	4265575.27	1.27E-03	4.36E-04	1.06E-03	3.27E-04	2.51E-04	8.36E-05	1.96E-04	4.03E-05
3199	624290.57	4265571.74	1.30E-03	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.55E-05	2.00E-04	4.12E-05
3200	624299.46	4265568.2	1.33E-03	4.56E-04	1.11E-03	3.41E-04	2.62E-04	8.73E-05	2.04E-04	4.21E-05
3201	624308.35	4265564.67	1.35E-03	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.91E-05	2.09E-04	4.29E-05
3202	624317.23	4265561.13	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04	4.38E-05
3203	624326.12	4265557.59	1.41E-03	4.84E-04	1.18E-03	3.62E-04	2.78E-04	9.26E-05	2.17E-04	4.46E-05
3204	624335	4265554.06	1.43E-03	4.92E-04	1.20E-03	3.69E-04	2.83E-04	9.44E-05	2.21E-04	4.55E-05
3205	624343.89	4265550.52	1.46E-03	5.01E-04	1.22E-03	3.75E-04	2.89E-04	9.61E-05	2.25E-04	4.63E-05
3206	624352.78	4265546.99	1.49E-03	5.11E-04	1.24E-03	3.82E-04	2.94E-04	9.78E-05	2.29E-04	4.71E-05
3207	624234.66	4265686.42	1.39E-03	4.77E-04	1.16E-03	3.57E-04	2.74E-04	9.13E-05	2.14E-04	4.40E-05
3208	624234.51	4265696.31	1.42E-03	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.34E-05	2.19E-04	4.50E-05
3209	624234.37	4265706.2	1.45E-03	4.99E-04	1.21E-03	3.74E-04	2.87E-04	9.56E-05	2.24E-04	4.60E-05
3210	624234.23	4265716.09	1.49E-03	5.11E-04	1.24E-03	3.82E-04	2.94E-04	9.78E-05	2.29E-04	4.71E-05
3211	624234.08	4265725.99	1.52E-03	5.23E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.35E-04	4.82E-05
3212	624233.94	4265735.88	1.56E-03	5.35E-04	1.30E-03	4.01E-04	3.08E-04	1.03E-04	2.40E-04	4.94E-05
3213	624233.8	4265745.77	1.59E-03	5.48E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04	5.06E-05
3214	624233.65	4265755.66	1.63E-03	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.52E-04	5.18E-05
3215	624233.51	4265765.56	1.67E-03	5.74E-04	1.40E-03	4.30E-04	3.30E-04	1.10E-04	2.58E-04	5.30E-05
3216	624233.37	4265775.45	1.71E-03	5.87E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04	5.42E-05
3217	624233.23	4265785.34	1.74E-03	5.99E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.53E-05
3218	624233.08	4265795.23	1.78E-03	6.12E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.75E-04	5.65E-05
3219	624232.94	4265805.13	1.81E-03	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.20E-04	2.80E-04	5.76E-05
3220	624232.8	4265815.02	1.85E-03	6.36E-04	1.55E-03	4.76E-04	3.66E-04	1.22E-04	2.85E-04	5.87E-05
3221	624232.65	4265824.91	1.88E-03	6.48E-04	1.57E-03	4.85E-04	3.73E-04	1.24E-04	2.91E-04	5.98E-05
3222	624213.73	4265657.49	1.18E-03	4.07E-04	9.90E-04	3.05E-04	2.34E-04	7.80E-05	1.83E-04	3.76E-05
3223	624217.52	4265648.71	1.18E-03	4.06E-04	9.86E-04	3.04E-04	2.34E-04	7.77E-05	1.82E-04	3.74E-05
3224	624221.3	4265639.92	1.18E-03	4.04E-04	9.82E-04	3.03E-04	2.33E-04	7.74E-05	1.81E-04	3.73E-05
3225	624225.09	4265631.14	1.17E-03	4.02E-04	9.78E-04	3.01E-04	2.32E-04	7.71E-05	1.81E-04	3.71E-05
3226	624244.02	4265587.23	1.14E-03	3.93E-04	9.55E-04	2.94E-04	2.26E-04	7.53E-05	1.76E-04	3.63E-05
3227	624247.81	4265578.45	1.14E-03	3.90E-04	9.49E-04	2.92E-04	2.25E-04	7.48E-05	1.75E-04	3.60E-05
3228	624251.59	4265569.66	1.13E-03	3.88E-04	9.42E-04	2.90E-04	2.23E-04	7.43E-05	1.74E-04	3.58E-05
3229	624264.26	4265557.35	1.14E-03	3.93E-04	9.54E-04	2.94E-04	2.26E-04	7.52E-05	1.76E-04	3.62E-05

3230	624273.15	4265553.81	1.17E-03	4.01E-04	9.74E-04	3.00E-04	2.31E-04	7.68E-05	1.80E-04	3.70E-05
3231	624282.04	4265550.28	1.19E-03	4.09E-04	9.93E-04	3.06E-04	2.35E-04	7.83E-05	1.83E-04	3.77E-05
3232	624290.92	4265546.74	1.21E-03	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04	3.84E-05
3233	624299.81	4265543.2	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
3234	624308.69	4265539.67	1.25E-03	4.31E-04	1.05E-03	3.23E-04	2.48E-04	8.26E-05	1.94E-04	3.98E-05
3235	624317.58	4265536.13	1.28E-03	4.39E-04	1.07E-03	3.28E-04	2.52E-04	8.40E-05	1.97E-04	4.05E-05
3236	624326.47	4265532.6	1.30E-03	4.46E-04	1.08E-03	3.34E-04	2.56E-04	8.54E-05	2.00E-04	4.11E-05
3237	624335.35	4265529.06	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.60E-04	8.67E-05	2.03E-04	4.18E-05
3238	624344.24	4265525.53	1.34E-03	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04	4.24E-05
3239	624353.12	4265521.99	1.36E-03	4.67E-04	1.14E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04	4.31E-05
3240	624209.95	4265666.27	1.19E-03	4.09E-04	9.93E-04	3.06E-04	2.35E-04	7.83E-05	1.83E-04	3.77E-05
3241	624209.8	4265676.16	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05
3242	624209.66	4265686.06	1.24E-03	4.26E-04	1.03E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04	3.93E-05
3243	624209.09	4265725.63	1.34E-03	4.62E-04	1.12E-03	3.46E-04	2.66E-04	8.84E-05	2.07E-04	4.26E-05
3244	624208.94	4265735.52	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.11E-04	4.35E-05
3245	624208.8	4265745.41	1.40E-03	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.22E-05	2.16E-04	4.44E-05
3246	624208.66	4265755.3	1.43E-03	4.91E-04	1.19E-03	3.68E-04	2.83E-04	9.42E-05	2.21E-04	4.54E-05
3247	624208.51	4265765.2	1.46E-03	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.61E-05	2.25E-04	4.63E-05
3248	624208.37	4265775.09	1.49E-03	5.12E-04	1.24E-03	3.83E-04	2.95E-04	9.81E-05	2.30E-04	4.72E-05
3249	624208.23	4265784.98	1.52E-03	5.22E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.34E-04	4.82E-05
3250	624208.09	4265794.87	1.55E-03	5.32E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.39E-04	4.91E-05
3251	624207.94	4265804.77	1.58E-03	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
3252	624207.8	4265814.66	1.60E-03	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04	5.09E-05
3253	624207.66	4265824.55	1.63E-03	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.52E-04	5.18E-05
3254	624219.02	4265586.87	1.05E-03	3.60E-04	8.75E-04	2.70E-04	2.07E-04	6.90E-05	1.62E-04	3.32E-05
3255	624222.81	4265578.09	1.04E-03	3.58E-04	8.71E-04	2.68E-04	2.06E-04	6.87E-05	1.61E-04	3.31E-05
3256	624226.59	4265569.3	1.04E-03	3.56E-04	8.66E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04	3.29E-05
3257	624230.38	4265560.52	1.03E-03	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04	3.27E-05
3258	624234.17	4265551.74	1.02E-03	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04	3.25E-05
3259	624246.84	4265539.42	1.04E-03	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04	3.29E-05
3260	624255.72	4265535.88	1.06E-03	3.64E-04	8.84E-04	2.72E-04	2.09E-04	6.96E-05	1.63E-04	3.35E-05
3261	624264.61	4265532.35	1.08E-03	3.70E-04	9.00E-04	2.77E-04	2.13E-04	7.09E-05	1.66E-04	3.42E-05
3262	624273.5	4265528.81	1.10E-03	3.77E-04	9.16E-04	2.82E-04	2.17E-04	7.22E-05	1.69E-04	3.48E-05
3263	624282.38	4265525.28	1.11E-03	3.83E-04	9.31E-04	2.87E-04	2.21E-04	7.34E-05	1.72E-04	3.54E-05
3264	624291.27	4265521.74	1.13E-03	3.89E-04	9.46E-04	2.91E-04	2.24E-04	7.46E-05	1.75E-04	3.59E-05
3265	624300.15	4265518.21	1.15E-03	3.95E-04	9.61E-04	2.96E-04	2.28E-04	7.57E-05	1.77E-04	3.65E-05
3266	624309.04	4265514.67	1.17E-03	4.01E-04	9.75E-04	3.00E-04	2.31E-04	7.68E-05	1.80E-04	3.70E-05
3267	624317.93	4265511.14	1.18E-03	4.07E-04	9.88E-04	3.04E-04	2.34E-04	7.79E-05	1.82E-04	3.75E-05
3268	624326.81	4265507.6	1.20E-03	4.12E-04	1.00E-03	3.09E-04	2.37E-04	7.90E-05	1.85E-04	3.80E-05
3269	624335.7	4265504.06	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.40E-04	8.00E-05	1.87E-04	3.86E-05
3270	624344.58	4265500.53	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
3271	624353.47	4265496.99	1.25E-03	4.30E-04	1.05E-03	3.22E-04	2.48E-04	8.24E-05	1.93E-04	3.97E-05
3272	624184.95	4265665.91	1.08E-03	3.70E-04	8.99E-04	2.77E-04	2.13E-04	7.09E-05	1.66E-04	3.42E-05
3273	624184.81	4265675.8	1.10E-03	3.77E-04	9.16E-04	2.82E-04	2.17E-04	7.22E-05	1.69E-04	3.48E-05
3274	624184.66	4265685.69	1.12E-03	3.84E-04	9.33E-04	2.87E-04	2.21E-04	7.36E-05	1.72E-04	3.54E-05
3275	624184.52	4265695.59	1.14E-03	3.91E-04	9.50E-04	2.93E-04	2.25E-04	7.49E-05	1.75E-04	3.61E-05
3276	624184.38	4265705.48	1.16E-03	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.79E-04	3.67E-05
3277	624184.23	4265715.37	1.18E-03	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
3278	624184.09	4265725.26	1.20E-03	4.12E-04	1.00E-03	3.09E-04	2.37E-04	7.90E-05	1.85E-04	3.81E-05
3279	624183.95	4265735.16	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04	3.88E-05
3280	624183.8	4265745.05	1.24E-03	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.20E-05	1.92E-04	3.95E-05
3281	624183.66	4265754.94	1.27E-03	4.36E-04	1.06E-03	3.26E-04	2.51E-04	8.35E-05	1.96E-04	4.02E-05
3282	624183.52	4265764.83	1.29E-03	4.44E-04	1.08E-03	3.33E-04	2.56E-04	8.51E-05	1.99E-04	4.10E-05

3283	624183.37	4265774.73	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.67E-05	2.03E-04	4.18E-05
3284	624183.23	4265784.62	1.34E-03	4.61E-04	1.12E-03	3.45E-04	2.65E-04	8.83E-05	2.07E-04	4.26E-05
3285	624183.09	4265794.51	1.37E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.11E-04	4.33E-05
3286	624182.94	4265804.4	1.39E-03	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.15E-05	2.14E-04	4.41E-05
3287	624182.8	4265814.3	1.41E-03	4.86E-04	1.18E-03	3.64E-04	2.79E-04	9.30E-05	2.18E-04	4.48E-05
3288	624194.02	4265586.51	9.61E-04	3.31E-04	8.03E-04	2.47E-04	1.90E-04	6.33E-05	1.48E-04	3.05E-05
3289	624197.81	4265577.72	9.59E-04	3.30E-04	8.01E-04	2.47E-04	1.90E-04	6.32E-05	1.48E-04	3.04E-05
3290	624201.6	4265568.94	9.55E-04	3.29E-04	7.99E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
3291	624205.38	4265560.16	9.52E-04	3.27E-04	7.95E-04	2.45E-04	1.88E-04	6.27E-05	1.47E-04	3.02E-05
3292	624209.17	4265551.38	9.47E-04	3.26E-04	7.92E-04	2.44E-04	1.88E-04	6.24E-05	1.46E-04	3.01E-05
3293	624212.95	4265542.59	9.43E-04	3.24E-04	7.88E-04	2.43E-04	1.87E-04	6.21E-05	1.45E-04	2.99E-05
3294	624216.74	4265533.81	9.37E-04	3.22E-04	7.84E-04	2.41E-04	1.86E-04	6.18E-05	1.45E-04	2.97E-05
3295	624229.41	4265521.49	9.49E-04	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
3296	624238.3	4265517.96	9.66E-04	3.32E-04	8.08E-04	2.49E-04	1.91E-04	6.37E-05	1.49E-04	3.07E-05
3297	624247.18	4265514.42	9.83E-04	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04	3.12E-05
3298	624256.07	4265510.89	1.00E-03	3.44E-04	8.36E-04	2.57E-04	1.98E-04	6.59E-05	1.54E-04	3.17E-05
3299	624264.96	4265507.35	1.02E-03	3.49E-04	8.49E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
3300	624273.84	4265503.82	1.03E-03	3.55E-04	8.62E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04	3.27E-05
3301	624282.73	4265500.28	1.05E-03	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04	3.32E-05
3302	624291.61	4265496.74	1.06E-03	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04	3.36E-05
3303	624300.5	4265493.21	1.07E-03	3.69E-04	8.97E-04	2.76E-04	2.12E-04	7.07E-05	1.66E-04	3.41E-05
3304	624309.39	4265489.67	1.09E-03	3.74E-04	9.08E-04	2.80E-04	2.15E-04	7.16E-05	1.68E-04	3.45E-05
3305	624318.27	4265486.14	1.10E-03	3.78E-04	9.19E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
3306	624327.16	4265482.6	1.11E-03	3.83E-04	9.30E-04	2.87E-04	2.20E-04	7.33E-05	1.72E-04	3.53E-05
3307	624336.04	4265479.07	1.13E-03	3.87E-04	9.42E-04	2.90E-04	2.23E-04	7.42E-05	1.74E-04	3.58E-05
3308	624344.93	4265475.53	1.14E-03	3.92E-04	9.54E-04	2.94E-04	2.26E-04	7.52E-05	1.76E-04	3.62E-05
3309	624353.82	4265471.99	1.16E-03	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.79E-04	3.67E-05
3310	624159.52	4265695.22	1.03E-03	3.55E-04	8.62E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04	3.27E-05
3311	624159.38	4265705.12	1.05E-03	3.60E-04	8.76E-04	2.70E-04	2.07E-04	6.90E-05	1.62E-04	3.32E-05
3312	624159.24	4265715.01	1.06E-03	3.66E-04	8.90E-04	2.74E-04	2.11E-04	7.01E-05	1.64E-04	3.38E-05
3313	624159.09	4265724.9	1.08E-03	3.72E-04	9.04E-04	2.78E-04	2.14E-04	7.13E-05	1.67E-04	3.43E-05
3314	624158.95	4265734.79	1.10E-03	3.78E-04	9.19E-04	2.83E-04	2.18E-04	7.24E-05	1.70E-04	3.49E-05
3315	624158.81	4265744.69	1.12E-03	3.84E-04	9.34E-04	2.88E-04	2.21E-04	7.36E-05	1.72E-04	3.55E-05
3316	624158.66	4265754.58	1.14E-03	3.91E-04	9.50E-04	2.93E-04	2.25E-04	7.49E-05	1.75E-04	3.61E-05
3317	624158.52	4265764.47	1.16E-03	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.78E-04	3.67E-05
3318	624158.38	4265774.36	1.18E-03	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.75E-05	1.82E-04	3.73E-05
3319	624158.23	4265784.26	1.20E-03	4.12E-04	1.00E-03	3.08E-04	2.37E-04	7.89E-05	1.85E-04	3.80E-05
3320	624158.09	4265794.15	1.22E-03	4.19E-04	1.02E-03	3.13E-04	2.41E-04	8.02E-05	1.88E-04	3.86E-05
3321	624157.95	4265804.04	1.24E-03	4.26E-04	1.03E-03	3.19E-04	2.45E-04	8.15E-05	1.91E-04	3.93E-05
3322	624157.8	4265813.93	1.26E-03	4.32E-04	1.05E-03	3.24E-04	2.49E-04	8.28E-05	1.94E-04	3.99E-05
3323	624165.24	4265594.93	8.86E-04	3.05E-04	7.41E-04	2.28E-04	1.75E-04	5.84E-05	1.37E-04	2.81E-05
3324	624169.03	4265586.14	8.85E-04	3.04E-04	7.40E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04	2.81E-05
3325	624172.81	4265577.36	8.83E-04	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05
3326	624176.6	4265568.58	8.82E-04	3.03E-04	7.37E-04	2.27E-04	1.75E-04	5.81E-05	1.36E-04	2.80E-05
3327	624180.38	4265559.8	8.80E-04	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
3328	624184.17	4265551.01	8.77E-04	3.02E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.78E-05
3329	624187.96	4265542.23	8.74E-04	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.77E-05
3330	624191.74	4265533.45	8.71E-04	2.99E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04	2.76E-05
3331	624195.53	4265524.67	8.67E-04	2.98E-04	7.24E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
3332	624199.31	4265515.89	8.62E-04	2.96E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04	2.74E-05
3333	624211.99	4265503.57	8.73E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
3334	624220.87	4265500.03	8.88E-04	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
3335	624229.76	4265496.5	9.03E-04	3.11E-04	7.55E-04	2.33E-04	1.79E-04	5.95E-05	1.39E-04	2.87E-05

3336	624238.64	4265492.96	9.18E-04	3.16E-04	7.67E-04	2.36E-04	1.82E-04	6.05E-05	1.42E-04	2.91E-05
3337	624247.53	4265489.42	9.32E-04	3.20E-04	7.79E-04	2.40E-04	1.84E-04	6.14E-05	1.44E-04	2.96E-05
3338	624256.42	4265485.89	9.45E-04	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.23E-05	1.46E-04	3.00E-05
3339	624265.3	4265482.35	9.58E-04	3.30E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04	3.04E-05
3340	624274.19	4265478.82	9.71E-04	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
3341	624283.08	4265475.28	9.82E-04	3.38E-04	8.21E-04	2.53E-04	1.94E-04	6.47E-05	1.52E-04	3.12E-05
3342	624291.96	4265471.75	9.94E-04	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04	3.15E-05
3343	624300.85	4265468.21	1.00E-03	3.45E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
3344	624309.73	4265464.68	1.02E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
3345	624318.62	4265461.14	1.03E-03	3.53E-04	8.57E-04	2.64E-04	2.03E-04	6.76E-05	1.58E-04	3.26E-05
3346	624327.51	4265457.6	1.04E-03	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04	3.29E-05
3347	624336.39	4265454.07	1.05E-03	3.61E-04	8.77E-04	2.70E-04	2.08E-04	6.91E-05	1.62E-04	3.33E-05
3348	624345.28	4265450.53	1.06E-03	3.65E-04	8.87E-04	2.73E-04	2.10E-04	6.99E-05	1.64E-04	3.37E-05
3349	624354.16	4265447	1.08E-03	3.70E-04	8.99E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04	3.41E-05
3350	624140.24	4265594.56	8.19E-04	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.26E-04	2.60E-05
3351	624144.03	4265585.78	8.18E-04	2.81E-04	6.84E-04	2.11E-04	1.62E-04	5.39E-05	1.26E-04	2.60E-05
3352	624147.82	4265577	8.18E-04	2.81E-04	6.83E-04	2.10E-04	1.62E-04	5.39E-05	1.26E-04	2.59E-05
3353	624151.6	4265568.22	8.17E-04	2.81E-04	6.83E-04	2.10E-04	1.62E-04	5.38E-05	1.26E-04	2.59E-05
3354	624155.39	4265559.44	8.15E-04	2.80E-04	6.82E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04	2.59E-05
3355	624159.17	4265550.65	8.14E-04	2.80E-04	6.80E-04	2.10E-04	1.61E-04	5.36E-05	1.26E-04	2.58E-05
3356	624162.96	4265541.87	8.12E-04	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
3357	624166.75	4265533.09	8.10E-04	2.78E-04	6.77E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
3358	624170.53	4265524.31	8.07E-04	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05
3359	624174.32	4265515.52	8.04E-04	2.76E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
3360	624178.1	4265506.74	8.01E-04	2.75E-04	6.69E-04	2.06E-04	1.58E-04	5.27E-05	1.24E-04	2.54E-05
3361	624181.89	4265497.96	7.97E-04	2.74E-04	6.66E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04	2.53E-05
3362	624194.56	4265485.64	8.07E-04	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.32E-05	1.24E-04	2.56E-05
3363	624203.45	4265482.11	8.20E-04	2.82E-04	6.86E-04	2.11E-04	1.62E-04	5.40E-05	1.27E-04	2.60E-05
3364	624212.33	4265478.57	8.33E-04	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.49E-05	1.29E-04	2.64E-05
3365	624221.22	4265475.03	8.46E-04	2.91E-04	7.07E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04	2.69E-05
3366	624230.11	4265471.5	8.59E-04	2.95E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04	2.73E-05
3367	624238.99	4265467.96	8.71E-04	3.00E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04	2.76E-05
3368	624247.88	4265464.43	8.83E-04	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05
3369	624256.76	4265460.89	8.94E-04	3.08E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
3370	624265.65	4265457.36	9.05E-04	3.11E-04	7.56E-04	2.33E-04	1.79E-04	5.96E-05	1.40E-04	2.87E-05
3371	624274.54	4265453.82	9.15E-04	3.15E-04	7.65E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.90E-05
3372	624283.42	4265450.28	9.24E-04	3.18E-04	7.72E-04	2.38E-04	1.83E-04	6.09E-05	1.43E-04	2.93E-05
3373	624292.31	4265446.75	9.33E-04	3.21E-04	7.80E-04	2.40E-04	1.85E-04	6.15E-05	1.44E-04	2.96E-05
3374	624301.19	4265443.21	9.42E-04	3.24E-04	7.87E-04	2.43E-04	1.86E-04	6.21E-05	1.45E-04	2.99E-05
3375	624310.08	4265439.68	9.51E-04	3.27E-04	7.95E-04	2.45E-04	1.88E-04	6.26E-05	1.47E-04	3.02E-05
3376	624318.97	4265436.14	9.60E-04	3.30E-04	8.02E-04	2.47E-04	1.90E-04	6.32E-05	1.48E-04	3.05E-05
3377	624327.85	4265432.61	9.70E-04	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
3378	624336.74	4265429.07	9.80E-04	3.37E-04	8.19E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
3379	624345.62	4265425.54	9.91E-04	3.41E-04	8.28E-04	2.55E-04	1.96E-04	6.53E-05	1.53E-04	3.15E-05
3380	624354.51	4265422	1.00E-03	3.45E-04	8.38E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04	3.18E-05
3381	624088.74	4265655.68	7.68E-04	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04	2.44E-05
3382	624092.53	4265646.9	7.66E-04	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
3383	624115.25	4265594.2	7.60E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05
3384	624119.03	4265585.42	7.59E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
3385	624122.82	4265576.64	7.59E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
3386	624126.6	4265567.86	7.59E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
3387	624130.39	4265559.07	7.58E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.41E-05
3388	624134.18	4265550.29	7.57E-04	2.60E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.40E-05

3389	624137.96	4265541.51	7.56E-04	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
3390	624141.75	4265532.73	7.55E-04	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.40E-05
3391	624145.53	4265523.94	7.53E-04	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04	2.39E-05
3392	624149.32	4265515.16	7.51E-04	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
3393	624153.11	4265506.38	7.49E-04	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.16E-04	2.38E-05
3394	624156.89	4265497.6	7.46E-04	2.57E-04	6.24E-04	1.92E-04	1.48E-04	4.92E-05	1.15E-04	2.37E-05
3395	624160.68	4265488.82	7.43E-04	2.56E-04	6.21E-04	1.91E-04	1.47E-04	4.90E-05	1.15E-04	2.36E-05
3396	624164.46	4265480.03	7.40E-04	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04	2.35E-05
3397	624177.14	4265467.71	7.49E-04	2.58E-04	6.26E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04	2.38E-05
3398	624186.02	4265464.18	7.61E-04	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04	2.42E-05
3399	624194.91	4265460.64	7.73E-04	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
3400	624203.79	4265457.11	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
3401	624212.68	4265453.57	7.96E-04	2.74E-04	6.65E-04	2.05E-04	1.58E-04	5.24E-05	1.23E-04	2.53E-05
3402	624221.57	4265450.04	8.07E-04	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05
3403	624230.45	4265446.5	8.17E-04	2.81E-04	6.83E-04	2.10E-04	1.62E-04	5.39E-05	1.26E-04	2.59E-05
3404	624239.34	4265442.97	8.28E-04	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
3405	624248.22	4265439.43	8.37E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
3406	624257.11	4265435.89	8.46E-04	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.58E-05	1.31E-04	2.69E-05
3407	624266	4265432.36	8.55E-04	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04	2.71E-05
3408	624274.88	4265428.82	8.63E-04	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04	2.74E-05
3409	624283.77	4265425.29	8.70E-04	2.99E-04	7.28E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04	2.76E-05
3410	624292.65	4265421.75	8.78E-04	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.79E-05
3411	624301.54	4265418.22	8.85E-04	3.04E-04	7.40E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04	2.81E-05
3412	624310.43	4265414.68	8.93E-04	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
3413	624319.31	4265411.14	9.01E-04	3.10E-04	7.53E-04	2.32E-04	1.78E-04	5.94E-05	1.39E-04	2.86E-05
3414	624328.2	4265407.61	9.10E-04	3.13E-04	7.60E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04	2.89E-05
3415	624337.08	4265404.07	9.19E-04	3.16E-04	7.68E-04	2.37E-04	1.82E-04	6.05E-05	1.42E-04	2.92E-05
3416	624345.97	4265400.54	9.29E-04	3.19E-04	7.76E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
3417	624354.86	4265397	9.39E-04	3.23E-04	7.85E-04	2.42E-04	1.86E-04	6.18E-05	1.45E-04	2.98E-05
3418	624084.96	4265664.46	7.69E-04	2.64E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
3419	624084.82	4265674.35	7.79E-04	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.47E-05
3420	624084.67	4265684.25	7.90E-04	2.72E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04	2.51E-05
3421	624084.53	4265694.14	8.00E-04	2.75E-04	6.68E-04	2.06E-04	1.58E-04	5.27E-05	1.23E-04	2.54E-05
3422	624084.39	4265704.03	8.10E-04	2.78E-04	6.77E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
3423	624084.24	4265713.92	8.19E-04	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.26E-04	2.60E-05
3424	624084.1	4265723.82	8.29E-04	2.85E-04	6.93E-04	2.13E-04	1.64E-04	5.46E-05	1.28E-04	2.63E-05
3425	624083.96	4265733.71	8.39E-04	2.89E-04	7.01E-04	2.16E-04	1.66E-04	5.53E-05	1.29E-04	2.66E-05
3426	624083.81	4265743.6	8.49E-04	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.60E-05	1.31E-04	2.70E-05
3427	624083.67	4265753.49	8.60E-04	2.96E-04	7.19E-04	2.21E-04	1.70E-04	5.67E-05	1.33E-04	2.73E-05
3428	624083.53	4265763.39	8.71E-04	3.00E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04	2.76E-05
3429	624083.38	4265773.28	8.83E-04	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05
3430	624083.24	4265783.17	8.95E-04	3.08E-04	7.48E-04	2.30E-04	1.77E-04	5.90E-05	1.38E-04	2.84E-05
3431	624083.1	4265793.06	9.07E-04	3.12E-04	7.58E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04	2.88E-05
3432	624082.96	4265802.96	9.20E-04	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04	2.92E-05
3433	624082.81	4265812.85	9.33E-04	3.21E-04	7.80E-04	2.40E-04	1.85E-04	6.15E-05	1.44E-04	2.96E-05
3434	624082.67	4265822.74	9.46E-04	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.23E-05	1.46E-04	3.00E-05
3435	624082.53	4265832.63	9.58E-04	3.30E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04	3.04E-05
3436	624082.38	4265842.53	9.71E-04	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
3437	624082.24	4265852.42	9.83E-04	3.38E-04	8.21E-04	2.53E-04	1.94E-04	6.47E-05	1.52E-04	3.12E-05
3438	624082.1	4265862.31	9.94E-04	3.42E-04	8.31E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04	3.16E-05
3439	624081.95	4265872.2	1.01E-03	3.46E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
3440	624081.81	4265882.1	1.02E-03	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
3441	624081.67	4265891.99	1.03E-03	3.53E-04	8.58E-04	2.64E-04	2.03E-04	6.76E-05	1.58E-04	3.26E-05

3442	624081.52	4265901.88	1.04E-03	3.56E-04	8.66E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04	3.29E-05
3443	624081.38	4265911.77	1.05E-03	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04	3.32E-05
3444	624081.24	4265921.67	1.05E-03	3.63E-04	8.81E-04	2.72E-04	2.09E-04	6.95E-05	1.63E-04	3.35E-05
3445	624081.09	4265931.56	1.06E-03	3.66E-04	8.89E-04	2.74E-04	2.10E-04	7.00E-05	1.64E-04	3.37E-05
3446	624080.95	4265941.45	1.07E-03	3.68E-04	8.96E-04	2.76E-04	2.12E-04	7.06E-05	1.65E-04	3.40E-05
3447	624080.81	4265951.34	1.08E-03	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04	3.43E-05
3448	624080.67	4265961.24	1.09E-03	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.16E-05	1.68E-04	3.45E-05
3449	624080.52	4265971.13	1.09E-03	3.76E-04	9.15E-04	2.82E-04	2.17E-04	7.21E-05	1.69E-04	3.47E-05
3450	624080.38	4265981.02	1.10E-03	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.50E-05
3451	624063.75	4265655.32	7.15E-04	2.46E-04	5.97E-04	1.84E-04	1.41E-04	4.71E-05	1.10E-04	2.27E-05
3452	624067.53	4265646.54	7.13E-04	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04	2.26E-05
3453	624071.32	4265637.75	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
3454	624075.11	4265628.97	7.11E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.26E-05
3455	624078.89	4265620.19	7.10E-04	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
3456	624082.68	4265611.41	7.09E-04	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
3457	624086.46	4265602.62	7.08E-04	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
3458	624090.25	4265593.84	7.08E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
3459	624094.03	4265585.06	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
3460	624097.82	4265576.28	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
3461	624101.61	4265567.49	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
3462	624105.39	4265558.71	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
3463	624109.18	4265549.93	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
3464	624112.96	4265541.15	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
3465	624116.75	4265532.37	7.05E-04	2.43E-04	5.89E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
3466	624120.54	4265523.58	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.23E-05
3467	624124.32	4265514.8	7.03E-04	2.42E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
3468	624128.11	4265506.02	7.01E-04	2.41E-04	5.86E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04	2.23E-05
3469	624131.89	4265497.24	6.99E-04	2.40E-04	5.85E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04	2.22E-05
3470	624135.68	4265488.45	6.97E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.59E-05	1.08E-04	2.21E-05
3471	624139.47	4265479.67	6.95E-04	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04	2.21E-05
3472	624143.25	4265470.89	6.92E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
3473	624147.04	4265462.11	6.90E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.06E-04	2.19E-05
3474	624159.71	4265449.79	6.98E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05
3475	624168.6	4265446.25	7.09E-04	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
3476	624177.48	4265442.72	7.20E-04	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
3477	624186.37	4265439.18	7.30E-04	2.51E-04	6.10E-04	1.88E-04	1.45E-04	4.81E-05	1.13E-04	2.32E-05
3478	624195.25	4265435.65	7.41E-04	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04	2.35E-05
3479	624204.14	4265432.11	7.51E-04	2.58E-04	6.27E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
3480	624213.03	4265428.57	7.60E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05
3481	624221.91	4265425.04	7.69E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
3482	624230.8	4265421.5	7.78E-04	2.68E-04	6.50E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
3483	624239.68	4265417.97	7.86E-04	2.70E-04	6.57E-04	2.02E-04	1.56E-04	5.18E-05	1.21E-04	2.50E-05
3484	624248.57	4265414.43	7.94E-04	2.73E-04	6.64E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
3485	624257.46	4265410.9	8.01E-04	2.75E-04	6.70E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04	2.54E-05
3486	624266.34	4265407.36	8.08E-04	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05
3487	624275.23	4265403.83	8.15E-04	2.80E-04	6.81E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04	2.59E-05
3488	624284.12	4265400.29	8.21E-04	2.82E-04	6.87E-04	2.11E-04	1.63E-04	5.41E-05	1.27E-04	2.61E-05
3489	624293	4265396.75	8.28E-04	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
3490	624301.89	4265393.22	8.34E-04	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
3491	624310.77	4265389.68	8.41E-04	2.89E-04	7.03E-04	2.16E-04	1.66E-04	5.54E-05	1.30E-04	2.67E-05
3492	624319.66	4265386.15	8.48E-04	2.92E-04	7.09E-04	2.18E-04	1.68E-04	5.59E-05	1.31E-04	2.69E-05
3493	624328.55	4265382.61	8.56E-04	2.94E-04	7.15E-04	2.20E-04	1.69E-04	5.64E-05	1.32E-04	2.72E-05
3494	624337.43	4265379.08	8.64E-04	2.97E-04	7.22E-04	2.22E-04	1.71E-04	5.69E-05	1.33E-04	2.74E-05

3495	624346.32	4265375.54	8.72E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
3496	624355.2	4265372	8.81E-04	3.03E-04	7.37E-04	2.27E-04	1.74E-04	5.81E-05	1.36E-04	2.80E-05
3497	624059.96	4265664.1	7.16E-04	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.72E-05	1.10E-04	2.27E-05
3498	624059.82	4265673.99	7.25E-04	2.49E-04	6.06E-04	1.87E-04	1.43E-04	4.78E-05	1.12E-04	2.30E-05
3499	624059.68	4265683.89	7.34E-04	2.52E-04	6.13E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04	2.33E-05
3500	624059.53	4265693.78	7.42E-04	2.55E-04	6.21E-04	1.91E-04	1.47E-04	4.89E-05	1.15E-04	2.36E-05
3501	624059.39	4265703.67	7.51E-04	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
3502	624059.25	4265713.56	7.59E-04	2.61E-04	6.35E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
3503	624059.1	4265723.46	7.68E-04	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04	2.44E-05
3504	624058.96	4265733.35	7.76E-04	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04	2.46E-05
3505	624058.82	4265743.24	7.84E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
3506	624058.67	4265753.13	7.93E-04	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
3507	624058.53	4265763.03	8.03E-04	2.76E-04	6.71E-04	2.07E-04	1.59E-04	5.29E-05	1.24E-04	2.55E-05
3508	624058.39	4265772.92	8.12E-04	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
3509	624058.24	4265782.81	8.22E-04	2.83E-04	6.87E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
3510	624058.1	4265792.7	8.33E-04	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.49E-05	1.29E-04	2.64E-05
3511	624057.96	4265802.6	8.44E-04	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04	2.68E-05
3512	624057.81	4265812.49	8.55E-04	2.94E-04	7.15E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04	2.71E-05
3513	624057.67	4265822.38	8.66E-04	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04	2.75E-05
3514	624057.53	4265832.27	8.77E-04	3.02E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.78E-05
3515	624057.39	4265842.17	8.88E-04	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
3516	624057.24	4265852.06	8.99E-04	3.09E-04	7.51E-04	2.31E-04	1.78E-04	5.92E-05	1.39E-04	2.85E-05
3517	624057.1	4265861.95	9.09E-04	3.13E-04	7.60E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04	2.89E-05
3518	624056.96	4265871.84	9.20E-04	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04	2.92E-05
3519	624056.81	4265881.74	9.29E-04	3.20E-04	7.77E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
3520	624056.67	4265891.63	9.39E-04	3.23E-04	7.85E-04	2.42E-04	1.86E-04	6.18E-05	1.45E-04	2.98E-05
3521	624056.53	4265901.52	9.48E-04	3.26E-04	7.92E-04	2.44E-04	1.88E-04	6.24E-05	1.46E-04	3.01E-05
3522	624056.38	4265911.41	9.56E-04	3.29E-04	7.99E-04	2.46E-04	1.89E-04	6.30E-05	1.48E-04	3.04E-05
3523	624056.24	4265921.31	9.65E-04	3.32E-04	8.06E-04	2.48E-04	1.91E-04	6.36E-05	1.49E-04	3.06E-05
3524	624056.1	4265931.2	9.73E-04	3.35E-04	8.13E-04	2.50E-04	1.93E-04	6.41E-05	1.50E-04	3.09E-05
3525	624055.95	4265941.09	9.80E-04	3.37E-04	8.20E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
3526	624055.81	4265950.98	9.88E-04	3.40E-04	8.26E-04	2.54E-04	1.96E-04	6.51E-05	1.52E-04	3.14E-05
3527	624055.67	4265960.88	9.95E-04	3.42E-04	8.32E-04	2.56E-04	1.97E-04	6.56E-05	1.54E-04	3.16E-05
3528	624055.52	4265970.77	1.00E-03	3.45E-04	8.38E-04	2.58E-04	1.98E-04	6.60E-05	1.55E-04	3.18E-05
3529	624055.38	4265980.66	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.20E-05
3530	624013.75	4265654.59	6.26E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.66E-05	1.99E-05
3531	624017.54	4265645.81	6.25E-04	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05	1.98E-05
3532	624021.32	4265637.03	6.23E-04	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05	1.98E-05
3533	624025.11	4265628.25	6.22E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05	1.97E-05
3534	624028.9	4265619.47	6.21E-04	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05	1.97E-05
3535	624032.68	4265610.68	6.20E-04	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
3536	624036.47	4265601.9	6.20E-04	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
3537	624040.25	4265593.12	6.19E-04	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
3538	624044.04	4265584.34	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
3539	624047.83	4265575.55	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
3540	624051.61	4265566.77	6.18E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05	1.96E-05
3541	624055.4	4265557.99	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.54E-05	1.96E-05
3542	624059.18	4265549.21	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
3543	624062.97	4265540.42	6.19E-04	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
3544	624066.76	4265531.64	6.19E-04	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
3545	624070.54	4265522.86	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
3546	624074.33	4265514.08	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
3547	624078.11	4265505.29	6.18E-04	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.07E-05	9.53E-05	1.96E-05

3548	624081.9	4265496.51	6.17E-04	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.07E-05	9.52E-05	1.96E-05
3549	624085.69	4265487.73	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05	1.95E-05
3550	624089.47	4265478.95	6.15E-04	2.11E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.49E-05	1.95E-05
3551	624093.26	4265470.17	6.14E-04	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
3552	624097.04	4265461.38	6.12E-04	2.10E-04	5.12E-04	1.58E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05
3553	624100.83	4265452.6	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
3554	624104.62	4265443.82	6.09E-04	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
3555	624108.4	4265435.04	6.06E-04	2.09E-04	5.07E-04	1.56E-04	1.20E-04	4.00E-05	9.36E-05	1.92E-05
3556	624112.19	4265426.25	6.04E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.32E-05	1.92E-05
3557	624124.86	4265413.94	6.11E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
3558	624133.75	4265410.4	6.20E-04	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
3559	624142.63	4265406.86	6.29E-04	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.71E-05	2.00E-05
3560	624151.52	4265403.33	6.38E-04	2.20E-04	5.34E-04	1.64E-04	1.26E-04	4.21E-05	9.85E-05	2.03E-05
3561	624160.4	4265399.79	6.47E-04	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.99E-05	2.05E-05
3562	624169.29	4265396.26	6.56E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
3563	624178.18	4265392.72	6.64E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.38E-05	1.02E-04	2.11E-05
3564	624187.06	4265389.19	6.72E-04	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.13E-05
3565	624195.95	4265385.65	6.80E-04	2.34E-04	5.68E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04	2.16E-05
3566	624204.83	4265382.12	6.87E-04	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05
3567	624213.72	4265378.58	6.94E-04	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
3568	624222.61	4265375.04	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04	2.22E-05
3569	624231.49	4265371.51	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
3570	624240.38	4265367.97	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
3571	624249.26	4265364.44	7.17E-04	2.46E-04	5.99E-04	1.85E-04	1.42E-04	4.72E-05	1.11E-04	2.27E-05
3572	624258.15	4265360.9	7.22E-04	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04	2.29E-05
3573	624267.04	4265357.37	7.26E-04	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
3574	624275.92	4265353.83	7.31E-04	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.81E-05	1.13E-04	2.32E-05
3575	624284.81	4265350.29	7.35E-04	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04	2.33E-05
3576	624293.69	4265346.76	7.40E-04	2.54E-04	6.18E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04	2.35E-05
3577	624302.58	4265343.22	7.45E-04	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04	2.36E-05
3578	624311.47	4265339.69	7.50E-04	2.58E-04	6.27E-04	1.93E-04	1.49E-04	4.94E-05	1.16E-04	2.38E-05
3579	624320.35	4265336.15	7.56E-04	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
3580	624329.24	4265332.62	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
3581	624338.12	4265329.08	7.69E-04	2.64E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
3582	624347.01	4265325.54	7.76E-04	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04	2.46E-05
3583	624355.9	4265322.01	7.83E-04	2.69E-04	6.54E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.48E-05
3584	624009.97	4265663.38	6.26E-04	2.15E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
3585	624009.82	4265673.27	6.34E-04	2.18E-04	5.30E-04	1.63E-04	1.25E-04	4.17E-05	9.78E-05	2.01E-05
3586	624009.68	4265683.16	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.88E-05	2.03E-05
3587	624009.54	4265693.05	6.47E-04	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05
3588	624009.39	4265702.95	6.53E-04	2.25E-04	5.46E-04	1.68E-04	1.29E-04	4.31E-05	1.01E-04	2.07E-05
3589	624009.25	4265712.84	6.60E-04	2.27E-04	5.51E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
3590	624009.11	4265722.73	6.66E-04	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.39E-05	1.03E-04	2.11E-05
3591	624008.96	4265732.62	6.72E-04	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.13E-05
3592	624008.82	4265742.52	6.78E-04	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
3593	624008.68	4265752.41	6.84E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
3594	624008.54	4265762.3	6.91E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
3595	624008.39	4265772.19	6.97E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.59E-05	1.08E-04	2.21E-05
3596	624008.25	4265782.09	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
3597	624008.11	4265791.98	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
3598	624007.96	4265801.87	7.20E-04	2.48E-04	6.02E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
3599	624007.82	4265811.76	7.28E-04	2.50E-04	6.08E-04	1.87E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
3600	624007.68	4265821.66	7.36E-04	2.53E-04	6.16E-04	1.90E-04	1.46E-04	4.85E-05	1.14E-04	2.34E-05

3601	624007.53	4265831.55	7.45E-04	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04	2.36E-05
3602	624007.39	4265841.44	7.54E-04	2.59E-04	6.30E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.39E-05
3603	624007.25	4265851.33	7.63E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
3604	624007.1	4265861.23	7.71E-04	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04	2.45E-05
3605	624006.96	4265871.12	7.80E-04	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.47E-05
3606	624006.82	4265881.01	7.88E-04	2.71E-04	6.59E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04	2.50E-05
3607	624006.67	4265890.9	7.96E-04	2.74E-04	6.66E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04	2.53E-05
3608	624006.53	4265900.8	8.05E-04	2.77E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
3609	624006.39	4265910.69	8.12E-04	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
3610	624006.25	4265920.58	8.20E-04	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.27E-04	2.60E-05
3611	624006.1	4265930.47	8.27E-04	2.84E-04	6.91E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
3612	624005.96	4265940.37	8.34E-04	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
3613	624005.82	4265950.26	8.41E-04	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04	2.67E-05
3614	624005.67	4265960.15	8.48E-04	2.92E-04	7.09E-04	2.18E-04	1.68E-04	5.59E-05	1.31E-04	2.69E-05
3615	624005.53	4265970.04	8.54E-04	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04	2.71E-05
3616	624005.39	4265979.94	8.60E-04	2.96E-04	7.19E-04	2.21E-04	1.70E-04	5.67E-05	1.33E-04	2.73E-05
3617	624005.24	4265989.83	8.66E-04	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.70E-05	1.34E-04	2.75E-05
3618	624005.1	4265999.72	8.71E-04	2.99E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04	2.76E-05
3619	624004.96	4266009.61	8.76E-04	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04	2.78E-05
3620	624004.81	4266019.51	8.80E-04	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
3621	624004.67	4266029.4	8.84E-04	3.04E-04	7.39E-04	2.28E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05
3622	624004.53	4266039.29	8.87E-04	3.05E-04	7.41E-04	2.28E-04	1.76E-04	5.84E-05	1.37E-04	2.82E-05
3623	624004.38	4266049.18	8.90E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
3624	624004.24	4266059.08	8.91E-04	3.06E-04	7.45E-04	2.29E-04	1.76E-04	5.87E-05	1.38E-04	2.83E-05
3625	624004.1	4266068.97	8.92E-04	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
3626	623963.88	4265653.59	5.54E-04	1.91E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.55E-05	1.76E-05
3627	623967.79	4265644.52	5.54E-04	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05	1.76E-05
3628	623971.7	4265635.46	5.53E-04	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.53E-05	1.75E-05
3629	623975.6	4265626.39	5.52E-04	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.64E-05	8.52E-05	1.75E-05
3630	623979.51	4265617.33	5.51E-04	1.89E-04	4.61E-04	1.42E-04	1.09E-04	3.63E-05	8.50E-05	1.75E-05
3631	623983.42	4265608.26	5.50E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.49E-05	1.75E-05
3632	623987.33	4265599.19	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
3633	623991.24	4265590.13	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05	1.74E-05
3634	623995.14	4265581.06	5.48E-04	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05	1.74E-05
3635	623999.05	4265572	5.48E-04	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05	1.74E-05
3636	624002.96	4265562.93	5.48E-04	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05	1.74E-05
3637	624006.87	4265553.87	5.48E-04	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05	1.74E-05
3638	624010.78	4265544.8	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.61E-05	8.47E-05	1.74E-05
3639	624014.68	4265535.73	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05	1.74E-05
3640	624018.59	4265526.67	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
3641	624022.5	4265517.6	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
3642	624026.41	4265508.54	5.50E-04	1.89E-04	4.59E-04	1.42E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
3643	624030.32	4265499.47	5.50E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
3644	624034.23	4265490.41	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
3645	624038.13	4265481.34	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05	1.74E-05
3646	624042.04	4265472.28	5.48E-04	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.46E-05	1.74E-05
3647	624045.95	4265463.21	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.61E-05	8.44E-05	1.74E-05
3648	624049.86	4265454.14	5.46E-04	1.88E-04	4.56E-04	1.41E-04	1.08E-04	3.60E-05	8.43E-05	1.73E-05
3649	624053.77	4265445.08	5.45E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.41E-05	1.73E-05
3650	624057.67	4265436.01	5.43E-04	1.87E-04	4.54E-04	1.40E-04	1.08E-04	3.58E-05	8.38E-05	1.72E-05
3651	624061.58	4265426.95	5.42E-04	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.36E-05	1.72E-05
3652	624065.49	4265417.88	5.40E-04	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05	1.71E-05
3653	624069.4	4265408.82	5.38E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05

3654	624073.31	4265399.75	5.37E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.28E-05	1.70E-05
3655	624077.21	4265390.68	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05	1.70E-05
3656	624090.3	4265377.97	5.40E-04	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.56E-05	8.34E-05	1.72E-05
3657	624099.47	4265374.32	5.48E-04	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.46E-05	1.74E-05
3658	624108.64	4265370.67	5.56E-04	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.66E-05	8.58E-05	1.76E-05
3659	624117.81	4265367.02	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
3660	624126.99	4265363.37	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05	1.82E-05
3661	624136.16	4265359.72	5.80E-04	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05	1.84E-05
3662	624145.33	4265356.07	5.88E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.87E-05
3663	624154.5	4265352.42	5.95E-04	2.05E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.18E-05	1.89E-05
3664	624163.68	4265348.77	6.02E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.97E-05	9.29E-05	1.91E-05
3665	624172.85	4265345.12	6.09E-04	2.09E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.40E-05	1.93E-05
3666	624182.02	4265341.47	6.15E-04	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.50E-05	1.95E-05
3667	624191.19	4265337.82	6.21E-04	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.59E-05	1.97E-05
3668	624200.37	4265334.17	6.27E-04	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
3669	624209.54	4265330.52	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.01E-05
3670	624218.71	4265326.87	6.37E-04	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.20E-05	9.83E-05	2.02E-05
3671	624227.89	4265323.22	6.41E-04	2.20E-04	5.36E-04	1.65E-04	1.27E-04	4.22E-05	9.89E-05	2.03E-05
3672	624237.06	4265319.57	6.45E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.96E-05	2.05E-05
3673	624246.23	4265315.92	6.49E-04	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04	2.06E-05
3674	624255.4	4265312.27	6.52E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
3675	624264.58	4265308.63	6.56E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
3676	624273.75	4265304.98	6.59E-04	2.27E-04	5.51E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04	2.09E-05
3677	624282.92	4265301.33	6.62E-04	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
3678	624292.09	4265297.68	6.66E-04	2.29E-04	5.57E-04	1.71E-04	1.32E-04	4.39E-05	1.03E-04	2.11E-05
3679	624301.27	4265294.03	6.70E-04	2.30E-04	5.60E-04	1.73E-04	1.33E-04	4.41E-05	1.03E-04	2.13E-05
3680	624310.44	4265290.38	6.74E-04	2.32E-04	5.64E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
3681	624319.61	4265286.73	6.79E-04	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.16E-05
3682	624328.79	4265283.08	6.84E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
3683	624337.96	4265279.43	6.90E-04	2.37E-04	5.76E-04	1.78E-04	1.37E-04	4.54E-05	1.06E-04	2.19E-05
3684	624347.13	4265275.78	6.95E-04	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04	2.21E-05
3685	624356.3	4265272.13	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04	2.22E-05
3686	623959.97	4265662.65	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.56E-05	1.76E-05
3687	623959.83	4265672.55	5.60E-04	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05	1.78E-05
3688	623959.69	4265682.44	5.66E-04	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05	1.80E-05
3689	623959.54	4265692.33	5.71E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.81E-05	1.81E-05
3690	623959.4	4265702.22	5.76E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.88E-05	1.83E-05
3691	623959.26	4265712.12	5.80E-04	2.00E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05	1.84E-05
3692	623959.11	4265722.01	5.85E-04	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.85E-05	9.02E-05	1.86E-05
3693	623958.97	4265731.9	5.89E-04	2.02E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
3694	623958.83	4265741.79	5.93E-04	2.04E-04	4.96E-04	1.53E-04	1.17E-04	3.91E-05	9.15E-05	1.88E-05
3695	623958.68	4265751.69	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.22E-05	1.90E-05
3696	623958.54	4265761.58	6.02E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05	1.91E-05
3697	623958.4	4265771.47	6.06E-04	2.08E-04	5.07E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05	1.92E-05
3698	623958.25	4265781.36	6.11E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05	1.94E-05
3699	623958.11	4265791.26	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05	1.96E-05
3700	623957.97	4265801.15	6.22E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05	1.97E-05
3701	623957.82	4265811.04	6.28E-04	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.69E-05	1.99E-05
3702	623957.68	4265820.93	6.34E-04	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05	2.01E-05
3703	623957.54	4265830.83	6.41E-04	2.20E-04	5.36E-04	1.65E-04	1.27E-04	4.22E-05	9.89E-05	2.03E-05
3704	623957.4	4265840.72	6.48E-04	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04	2.06E-05
3705	623957.25	4265850.61	6.55E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
3706	623957.11	4265860.5	6.63E-04	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.10E-05

3707	623956.97	4265870.4	6.70E-04	2.31E-04	5.60E-04	1.73E-04	1.33E-04	4.42E-05	1.03E-04	2.13E-05
3708	623956.82	4265880.29	6.78E-04	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
3709	623956.68	4265890.18	6.86E-04	2.36E-04	5.73E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04	2.18E-05
3710	623956.54	4265900.07	6.94E-04	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
3711	623956.39	4265909.97	7.01E-04	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
3712	623956.25	4265919.86	7.08E-04	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
3713	623956.11	4265929.75	7.15E-04	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04	2.27E-05
3714	623955.96	4265939.64	7.22E-04	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.76E-05	1.11E-04	2.29E-05
3715	623955.82	4265949.54	7.28E-04	2.50E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
3716	623955.68	4265959.43	7.35E-04	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04	2.33E-05
3717	623955.53	4265969.32	7.40E-04	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04	2.35E-05
3718	623955.39	4265979.21	7.46E-04	2.56E-04	6.23E-04	1.92E-04	1.48E-04	4.91E-05	1.15E-04	2.37E-05
3719	623955.25	4265989.11	7.51E-04	2.58E-04	6.27E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
3720	623955.11	4265999	7.55E-04	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.98E-05	1.17E-04	2.40E-05
3721	623954.96	4266008.89	7.59E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
3722	623954.82	4266018.78	7.63E-04	2.62E-04	6.38E-04	1.96E-04	1.51E-04	5.03E-05	1.18E-04	2.42E-05
3723	623954.68	4266028.68	7.66E-04	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
3724	623954.53	4266038.57	7.69E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
3725	623954.39	4266048.46	7.72E-04	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04	2.45E-05
3726	623954.25	4266058.35	7.73E-04	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
3727	623954.1	4266068.25	7.74E-04	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.19E-04	2.46E-05
3728	623913.87	4265652.9	4.96E-04	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.66E-05	1.57E-05
3729	623917.77	4265643.86	4.96E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.27E-05	7.65E-05	1.57E-05
3730	623921.66	4265634.83	4.95E-04	1.70E-04	4.14E-04	1.27E-04	9.80E-05	3.26E-05	7.64E-05	1.57E-05
3731	623925.55	4265625.8	4.94E-04	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05	1.57E-05
3732	623929.45	4265616.76	4.94E-04	1.70E-04	4.13E-04	1.27E-04	9.78E-05	3.25E-05	7.62E-05	1.57E-05
3733	623933.34	4265607.73	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.57E-05
3734	623937.24	4265598.7	4.93E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.25E-05	7.60E-05	1.56E-05
3735	623941.13	4265589.66	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05	1.56E-05
3736	623945.02	4265580.63	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.59E-05	1.56E-05
3737	623948.92	4265571.6	4.91E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.58E-05	1.56E-05
3738	623952.81	4265562.56	4.91E-04	1.69E-04	4.11E-04	1.26E-04	9.72E-05	3.24E-05	7.58E-05	1.56E-05
3739	623956.71	4265553.53	4.91E-04	1.69E-04	4.11E-04	1.26E-04	9.72E-05	3.24E-05	7.58E-05	1.56E-05
3740	623960.6	4265544.5	4.91E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.58E-05	1.56E-05
3741	623964.49	4265535.46	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.59E-05	1.56E-05
3742	623968.39	4265526.43	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05	1.56E-05
3743	623972.28	4265517.4	4.92E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05	1.56E-05
3744	623976.18	4265508.36	4.93E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.25E-05	7.60E-05	1.56E-05
3745	623980.07	4265499.33	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.56E-05
3746	623983.97	4265490.3	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.56E-05
3747	623987.86	4265481.27	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.57E-05
3748	623991.75	4265472.23	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.56E-05
3749	623995.65	4265463.2	4.93E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.25E-05	7.60E-05	1.56E-05
3750	623999.54	4265454.17	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05	1.56E-05
3751	624003.44	4265445.13	4.91E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.58E-05	1.56E-05
3752	624007.33	4265436.1	4.91E-04	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05	1.56E-05
3753	624011.22	4265427.07	4.89E-04	1.68E-04	4.09E-04	1.26E-04	9.69E-05	3.22E-05	7.55E-05	1.55E-05
3754	624015.12	4265418.03	4.88E-04	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.22E-05	7.53E-05	1.55E-05
3755	624019.01	4265409	4.87E-04	1.67E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.51E-05	1.55E-05
3756	624022.91	4265399.97	4.85E-04	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05	1.54E-05
3757	624026.8	4265390.93	4.84E-04	1.66E-04	4.04E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05	1.54E-05
3758	624030.69	4265381.9	4.82E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05	1.53E-05
3759	624034.59	4265372.87	4.81E-04	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05	1.53E-05

3760	624038.48	4265363.83	4.79E-04	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.39E-05	1.52E-05
3761	624042.38	4265354.8	4.78E-04	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.15E-05	7.37E-05	1.52E-05
3762	624055.41	4265342.13	4.82E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05	1.53E-05
3763	624064.55	4265338.49	4.89E-04	1.68E-04	4.09E-04	1.26E-04	9.68E-05	3.22E-05	7.54E-05	1.55E-05
3764	624073.69	4265334.86	4.95E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.65E-05	1.57E-05
3765	624082.83	4265331.22	5.02E-04	1.73E-04	4.20E-04	1.29E-04	9.94E-05	3.31E-05	7.75E-05	1.59E-05
3766	624091.97	4265327.58	5.09E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.35E-05	7.86E-05	1.62E-05
3767	624101.11	4265323.95	5.16E-04	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
3768	624110.25	4265320.31	5.23E-04	1.80E-04	4.37E-04	1.35E-04	1.04E-04	3.45E-05	8.07E-05	1.66E-05
3769	624119.39	4265316.67	5.30E-04	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
3770	624128.53	4265313.04	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
3771	624137.67	4265309.4	5.42E-04	1.87E-04	4.53E-04	1.40E-04	1.07E-04	3.57E-05	8.37E-05	1.72E-05
3772	624146.81	4265305.76	5.48E-04	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05	1.74E-05
3773	624155.95	4265302.13	5.54E-04	1.91E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.55E-05	1.76E-05
3774	624165.09	4265298.49	5.59E-04	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05	1.78E-05
3775	624174.23	4265294.85	5.65E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.71E-05	1.79E-05
3776	624183.37	4265291.22	5.69E-04	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.78E-05	1.81E-05
3777	624192.51	4265287.58	5.73E-04	1.97E-04	4.79E-04	1.48E-04	1.14E-04	3.78E-05	8.85E-05	1.82E-05
3778	624201.65	4265283.94	5.77E-04	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.80E-05	8.91E-05	1.83E-05
3779	624210.79	4265280.31	5.81E-04	2.00E-04	4.86E-04	1.50E-04	1.15E-04	3.83E-05	8.96E-05	1.84E-05
3780	624219.93	4265276.67	5.84E-04	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05	1.85E-05
3781	624229.07	4265273.03	5.87E-04	2.02E-04	4.90E-04	1.51E-04	1.16E-04	3.87E-05	9.05E-05	1.86E-05
3782	624238.21	4265269.4	5.89E-04	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
3783	624247.35	4265265.76	5.92E-04	2.03E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
3784	624256.49	4265262.12	5.94E-04	2.04E-04	4.96E-04	1.53E-04	1.18E-04	3.91E-05	9.17E-05	1.89E-05
3785	624265.63	4265258.49	5.96E-04	2.05E-04	4.98E-04	1.54E-04	1.18E-04	3.93E-05	9.20E-05	1.89E-05
3786	624274.77	4265254.85	5.99E-04	2.06E-04	5.00E-04	1.54E-04	1.19E-04	3.95E-05	9.24E-05	1.90E-05
3787	624283.91	4265251.21	6.01E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05	1.91E-05
3788	624293.05	4265247.58	6.04E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.33E-05	1.92E-05
3789	624302.19	4265243.94	6.08E-04	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05	1.93E-05
3790	624311.33	4265240.3	6.11E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05	1.94E-05
3791	624320.47	4265236.67	6.15E-04	2.11E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.49E-05	1.95E-05
3792	624329.61	4265233.03	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
3793	624338.75	4265229.39	6.23E-04	2.14E-04	5.21E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05	1.98E-05
3794	624347.89	4265225.76	6.27E-04	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.68E-05	1.99E-05
3795	624357.03	4265222.12	6.31E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.74E-05	2.00E-05
3796	623909.98	4265661.93	4.96E-04	1.71E-04	4.15E-04	1.28E-04	9.83E-05	3.27E-05	7.66E-05	1.58E-05
3797	623909.83	4265671.82	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05	1.59E-05
3798	623909.69	4265681.72	5.05E-04	1.74E-04	4.22E-04	1.30E-04	9.99E-05	3.33E-05	7.79E-05	1.60E-05
3799	623909.55	4265691.61	5.09E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05	1.61E-05
3800	623909.4	4265701.5	5.12E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.91E-05	1.63E-05
3801	623909.26	4265711.39	5.16E-04	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
3802	623909.12	4265721.29	5.19E-04	1.78E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
3803	623908.98	4265731.18	5.22E-04	1.80E-04	4.36E-04	1.34E-04	1.03E-04	3.44E-05	8.05E-05	1.66E-05
3804	623908.83	4265741.07	5.25E-04	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05
3805	623908.69	4265750.96	5.28E-04	1.82E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.15E-05	1.68E-05
3806	623908.55	4265760.86	5.31E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
3807	623908.4	4265770.75	5.34E-04	1.84E-04	4.46E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05	1.70E-05
3808	623908.26	4265780.64	5.38E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
3809	623908.12	4265790.53	5.41E-04	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.57E-05	8.35E-05	1.72E-05
3810	623907.97	4265800.43	5.45E-04	1.88E-04	4.56E-04	1.40E-04	1.08E-04	3.59E-05	8.42E-05	1.73E-05
3811	623907.83	4265810.32	5.50E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.49E-05	1.75E-05
3812	623907.69	4265820.21	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.56E-05	1.76E-05

3813	623907.54	4265830.1	5.60E-04	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05	1.78E-05
3814	623907.4	4265840	5.66E-04	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05	1.80E-05
3815	623907.26	4265849.89	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.82E-05	1.81E-05
3816	623907.11	4265859.78	5.78E-04	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.81E-05	8.92E-05	1.84E-05
3817	623906.97	4265869.67	5.85E-04	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.85E-05	9.02E-05	1.86E-05
3818	623906.83	4265879.57	5.92E-04	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
3819	623906.69	4265889.46	5.98E-04	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.23E-05	1.90E-05
3820	623906.54	4265899.35	6.05E-04	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.34E-05	1.92E-05
3821	623906.4	4265909.24	6.12E-04	2.10E-04	5.11E-04	1.58E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05
3822	623906.26	4265919.14	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
3823	623906.11	4265929.03	6.25E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.98E-05
3824	623905.97	4265938.92	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.00E-05
3825	623905.83	4265948.81	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05	2.02E-05
3826	623905.68	4265958.71	6.44E-04	2.21E-04	5.38E-04	1.66E-04	1.27E-04	4.24E-05	9.93E-05	2.04E-05
3827	623905.54	4265968.6	6.49E-04	2.23E-04	5.43E-04	1.67E-04	1.29E-04	4.28E-05	1.00E-04	2.06E-05
3828	623905.4	4265978.49	6.55E-04	2.25E-04	5.47E-04	1.69E-04	1.30E-04	4.31E-05	1.01E-04	2.08E-05
3829	623905.25	4265988.38	6.59E-04	2.27E-04	5.51E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
3830	623905.11	4265998.28	6.64E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.11E-05
3831	623904.97	4266008.17	6.67E-04	2.29E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
3832	623904.82	4266018.06	6.70E-04	2.31E-04	5.60E-04	1.73E-04	1.33E-04	4.42E-05	1.03E-04	2.13E-05
3833	623904.68	4266027.95	6.73E-04	2.31E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
3834	623904.54	4266037.85	6.75E-04	2.32E-04	5.65E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05
3835	623904.4	4266047.74	6.77E-04	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.05E-04	2.15E-05
3836	623904.25	4266057.63	6.79E-04	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.48E-05	1.05E-04	2.16E-05
3837	623904.11	4266067.52	6.81E-04	2.34E-04	5.69E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04	2.16E-05
3838	623863.87	4265652.2	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.89E-05	1.42E-05
3839	623867.75	4265643.19	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.89E-05	1.42E-05
3840	623871.63	4265634.18	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.42E-05
3841	623875.51	4265625.18	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05	1.41E-05
3842	623879.4	4265616.17	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05	1.41E-05
3843	623883.28	4265607.16	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.80E-05	2.93E-05	6.86E-05	1.41E-05
3844	623887.16	4265598.15	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.93E-05	6.86E-05	1.41E-05
3845	623891.05	4265589.15	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.92E-05	6.85E-05	1.41E-05
3846	623894.93	4265580.14	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.84E-05	1.41E-05
3847	623898.81	4265571.13	4.43E-04	1.52E-04	3.71E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05	1.41E-05
3848	623902.7	4265562.12	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05	1.41E-05
3849	623906.58	4265553.12	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05	1.41E-05
3850	623910.46	4265544.11	4.43E-04	1.52E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.84E-05	1.41E-05
3851	623914.34	4265535.1	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05	1.41E-05
3852	623918.23	4265526.09	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.93E-05	6.85E-05	1.41E-05
3853	623922.11	4265517.09	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.80E-05	2.93E-05	6.86E-05	1.41E-05
3854	623925.99	4265508.08	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05	1.41E-05
3855	623929.88	4265499.07	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.93E-05	6.87E-05	1.41E-05
3856	623933.76	4265490.06	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.42E-05
3857	623937.64	4265481.06	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.42E-05
3858	623941.53	4265472.05	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05	1.42E-05
3859	623945.41	4265463.04	4.46E-04	1.54E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05	1.42E-05
3860	623949.29	4265454.03	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.89E-05	1.42E-05
3861	623953.18	4265445.03	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.42E-05
3862	623957.06	4265436.02	4.46E-04	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05	1.41E-05
3863	623960.94	4265427.01	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05	1.41E-05
3864	623964.82	4265418	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.93E-05	6.85E-05	1.41E-05
3865	623968.71	4265409	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05	1.41E-05

3866	623972.59	4265399.99	4.42E-04	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
3867	623976.47	4265390.98	4.41E-04	1.52E-04	3.69E-04	1.14E-04	8.73E-05	2.91E-05	6.80E-05	1.40E-05
3868	623980.36	4265381.97	4.40E-04	1.51E-04	3.67E-04	1.13E-04	8.70E-05	2.90E-05	6.78E-05	1.40E-05
3869	623984.24	4265372.97	4.38E-04	1.51E-04	3.66E-04	1.13E-04	8.68E-05	2.89E-05	6.76E-05	1.39E-05
3870	623988.12	4265363.96	4.37E-04	1.50E-04	3.65E-04	1.12E-04	8.65E-05	2.88E-05	6.74E-05	1.39E-05
3871	623992.01	4265354.95	4.35E-04	1.50E-04	3.64E-04	1.12E-04	8.62E-05	2.87E-05	6.72E-05	1.38E-05
3872	623995.89	4265345.94	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.59E-05	2.86E-05	6.70E-05	1.38E-05
3873	623999.77	4265336.94	4.33E-04	1.49E-04	3.62E-04	1.11E-04	8.56E-05	2.85E-05	6.68E-05	1.37E-05
3874	624003.65	4265327.93	4.31E-04	1.48E-04	3.60E-04	1.11E-04	8.54E-05	2.84E-05	6.65E-05	1.37E-05
3875	624007.54	4265318.92	4.30E-04	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.63E-05	1.36E-05
3876	624020.53	4265306.29	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.59E-05	2.86E-05	6.70E-05	1.38E-05
3877	624029.65	4265302.66	4.39E-04	1.51E-04	3.67E-04	1.13E-04	8.70E-05	2.90E-05	6.78E-05	1.39E-05
3878	624038.76	4265299.03	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05	1.41E-05
3879	624047.88	4265295.41	4.51E-04	1.55E-04	3.77E-04	1.16E-04	8.92E-05	2.97E-05	6.96E-05	1.43E-05
3880	624056.99	4265291.78	4.57E-04	1.57E-04	3.82E-04	1.18E-04	9.04E-05	3.01E-05	7.04E-05	1.45E-05
3881	624066.1	4265288.16	4.62E-04	1.59E-04	3.87E-04	1.19E-04	9.15E-05	3.05E-05	7.14E-05	1.47E-05
3882	624075.22	4265284.53	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05	1.49E-05
3883	624084.33	4265280.9	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.12E-05	7.32E-05	1.50E-05
3884	624093.45	4265277.28	4.80E-04	1.65E-04	4.01E-04	1.24E-04	9.51E-05	3.16E-05	7.41E-05	1.52E-05
3885	624102.56	4265273.65	4.86E-04	1.67E-04	4.06E-04	1.25E-04	9.63E-05	3.20E-05	7.50E-05	1.54E-05
3886	624111.67	4265270.02	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05	1.56E-05
3887	624120.79	4265266.4	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.85E-05	3.28E-05	7.68E-05	1.58E-05
3888	624129.9	4265262.77	5.03E-04	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.76E-05	1.60E-05
3889	624139.02	4265259.15	5.08E-04	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
3890	624148.13	4265255.52	5.12E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.91E-05	1.63E-05
3891	624157.24	4265251.89	5.17E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
3892	624166.36	4265248.27	5.21E-04	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
3893	624175.47	4265244.64	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.09E-05	1.66E-05
3894	624184.58	4265241.01	5.27E-04	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.14E-05	1.67E-05
3895	624193.7	4265237.39	5.30E-04	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
3896	624202.81	4265233.76	5.33E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05
3897	624211.93	4265230.14	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.26E-05	1.70E-05
3898	624221.04	4265226.51	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
3899	624230.15	4265222.88	5.39E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05
3900	624239.27	4265219.26	5.40E-04	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05	1.71E-05
3901	624248.38	4265215.63	5.42E-04	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.36E-05	1.72E-05
3902	624257.5	4265212	5.43E-04	1.87E-04	4.54E-04	1.40E-04	1.08E-04	3.58E-05	8.38E-05	1.72E-05
3903	624266.61	4265208.38	5.45E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.41E-05	1.73E-05
3904	624275.72	4265204.75	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.44E-05	1.73E-05
3905	624284.84	4265201.12	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05	1.74E-05
3906	624293.95	4265197.5	5.51E-04	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.63E-05	8.50E-05	1.75E-05
3907	624303.07	4265193.87	5.54E-04	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05	1.76E-05
3908	624312.18	4265190.25	5.57E-04	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.59E-05	1.77E-05
3909	624321.29	4265186.62	5.59E-04	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05	1.78E-05
3910	624330.41	4265182.99	5.63E-04	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.79E-05
3911	624339.52	4265179.37	5.66E-04	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05	1.80E-05
3912	624348.63	4265175.74	5.69E-04	1.96E-04	4.75E-04	1.46E-04	1.13E-04	3.75E-05	8.78E-05	1.81E-05
3913	624357.75	4265172.11	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05	1.82E-05
3914	623859.98	4265661.21	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.42E-05
3915	623859.84	4265671.1	4.50E-04	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05	1.43E-05
3916	623859.7	4265680.99	4.53E-04	1.56E-04	3.78E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05	1.44E-05
3917	623859.55	4265690.88	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
3918	623859.41	4265700.78	4.58E-04	1.58E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05	1.45E-05

3919	623859.27	4265710.67	4.61E-04	1.59E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05	1.46E-05
3920	623859.12	4265720.56	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05	1.47E-05
3921	623858.98	4265730.45	4.66E-04	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
3922	623858.84	4265740.35	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
3923	623858.69	4265750.24	4.70E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
3924	623858.55	4265760.13	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
3925	623858.41	4265770.02	4.75E-04	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.33E-05	1.51E-05
3926	623858.26	4265779.92	4.77E-04	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.15E-05	7.37E-05	1.52E-05
3927	623858.12	4265789.81	4.80E-04	1.65E-04	4.02E-04	1.24E-04	9.51E-05	3.17E-05	7.41E-05	1.52E-05
3928	623857.98	4265799.7	4.84E-04	1.66E-04	4.04E-04	1.25E-04	9.57E-05	3.19E-05	7.46E-05	1.54E-05
3929	623857.84	4265809.59	4.87E-04	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05	1.55E-05
3930	623857.69	4265819.49	4.91E-04	1.69E-04	4.11E-04	1.26E-04	9.72E-05	3.24E-05	7.58E-05	1.56E-05
3931	623857.55	4265829.38	4.95E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.64E-05	1.57E-05
3932	623857.41	4265839.27	5.00E-04	1.72E-04	4.18E-04	1.29E-04	9.90E-05	3.29E-05	7.72E-05	1.59E-05
3933	623857.26	4265849.16	5.05E-04	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.60E-05
3934	623857.12	4265859.06	5.11E-04	1.76E-04	4.27E-04	1.31E-04	1.01E-04	3.36E-05	7.88E-05	1.62E-05
3935	623856.98	4265868.95	5.16E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
3936	623856.83	4265878.84	5.22E-04	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
3937	623856.69	4265888.73	5.28E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05	1.68E-05
3938	623856.55	4265898.63	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05	1.70E-05
3939	623856.4	4265908.52	5.41E-04	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.56E-05	8.35E-05	1.72E-05
3940	623856.26	4265918.41	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.44E-05	1.74E-05
3941	623856.12	4265928.3	5.53E-04	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.54E-05	1.76E-05
3942	623855.97	4265938.2	5.59E-04	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.63E-05	1.77E-05
3943	623855.83	4265948.09	5.65E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.71E-05	1.79E-05
3944	623855.69	4265957.98	5.70E-04	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
3945	623855.55	4265967.87	5.75E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.83E-05
3946	623855.4	4265977.77	5.80E-04	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.94E-05	1.84E-05
3947	623855.26	4265987.66	5.84E-04	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05	1.85E-05
3948	623855.12	4265997.55	5.88E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.87E-05
3949	623854.97	4266007.44	5.91E-04	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
3950	623854.83	4266017.34	5.95E-04	2.04E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.17E-05	1.89E-05
3951	623854.69	4266027.23	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05	1.90E-05
3952	623854.54	4266037.12	6.00E-04	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.25E-05	1.90E-05
3953	623854.4	4266047.01	6.02E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05	1.91E-05
3954	623854.26	4266056.91	6.03E-04	2.07E-04	5.04E-04	1.55E-04	1.19E-04	3.97E-05	9.30E-05	1.91E-05
3955	623854.11	4266066.8	6.04E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.32E-05	1.92E-05
3956	623813.86	4265651.5	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.66E-05	6.24E-05	1.28E-05
3957	623817.74	4265642.51	4.05E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.24E-05	1.28E-05
3958	623821.61	4265633.52	4.05E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.24E-05	1.28E-05
3959	623825.48	4265624.54	4.05E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.24E-05	1.28E-05
3960	623829.36	4265615.55	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.66E-05	6.24E-05	1.28E-05
3961	623833.23	4265606.56	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
3962	623837.11	4265597.58	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05	1.28E-05
3963	623840.98	4265588.59	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
3964	623844.85	4265579.6	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
3965	623848.73	4265570.62	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
3966	623852.6	4265561.63	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
3967	623856.48	4265552.64	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
3968	623860.35	4265543.66	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
3969	623864.22	4265534.67	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
3970	623868.1	4265525.68	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
3971	623871.97	4265516.7	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05	1.28E-05

3972	623875.85	4265507.71	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
3973	623879.72	4265498.73	4.05E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.25E-05	1.28E-05
3974	623883.59	4265489.74	4.05E-04	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05	1.29E-05
3975	623887.47	4265480.75	4.06E-04	1.39E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
3976	623891.34	4265471.77	4.06E-04	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
3977	623895.22	4265462.78	4.06E-04	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
3978	623899.09	4265453.79	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
3979	623902.96	4265444.81	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
3980	623906.84	4265435.82	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
3981	623910.71	4265426.83	4.06E-04	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
3982	623914.59	4265417.85	4.06E-04	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
3983	623918.46	4265408.86	4.05E-04	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.26E-05	1.29E-05
3984	623922.33	4265399.87	4.05E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.25E-05	1.28E-05
3985	623926.21	4265390.89	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
3986	623930.08	4265381.9	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
3987	623933.96	4265372.91	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
3988	623937.83	4265363.93	4.01E-04	1.38E-04	3.35E-04	1.03E-04	7.94E-05	2.64E-05	6.19E-05	1.27E-05
3989	623941.7	4265354.94	4.00E-04	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.17E-05	1.27E-05
3990	623945.58	4265345.95	3.98E-04	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.62E-05	6.15E-05	1.26E-05
3991	623949.45	4265336.97	3.97E-04	1.37E-04	3.32E-04	1.02E-04	7.86E-05	2.62E-05	6.13E-05	1.26E-05
3992	623953.33	4265327.98	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.83E-05	2.61E-05	6.11E-05	1.26E-05
3993	623957.2	4265318.99	3.94E-04	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05	1.25E-05
3994	623961.07	4265310.01	3.93E-04	1.35E-04	3.29E-04	1.01E-04	7.78E-05	2.59E-05	6.07E-05	1.25E-05
3995	623964.95	4265301.02	3.92E-04	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05	1.24E-05
3996	623968.82	4265292.03	3.91E-04	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
3997	623972.7	4265283.05	3.89E-04	1.34E-04	3.26E-04	1.00E-04	7.71E-05	2.57E-05	6.01E-05	1.24E-05
3998	623985.66	4265270.44	3.93E-04	1.35E-04	3.28E-04	1.01E-04	7.78E-05	2.59E-05	6.06E-05	1.25E-05
3999	623994.75	4265266.83	3.98E-04	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.14E-05	1.26E-05
4000	624003.85	4265263.21	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
4001	624012.94	4265259.59	4.07E-04	1.40E-04	3.41E-04	1.05E-04	8.06E-05	2.68E-05	6.29E-05	1.29E-05
4002	624022.03	4265255.97	4.12E-04	1.42E-04	3.45E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05	1.31E-05
4003	624031.13	4265252.35	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.44E-05	1.33E-05
4004	624040.22	4265248.74	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.79E-05	6.52E-05	1.34E-05
4005	624049.31	4265245.12	4.28E-04	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05	1.36E-05
4006	624058.4	4265241.5	4.33E-04	1.49E-04	3.62E-04	1.12E-04	8.58E-05	2.85E-05	6.69E-05	1.38E-05
4007	624067.5	4265237.88	4.38E-04	1.51E-04	3.67E-04	1.13E-04	8.68E-05	2.89E-05	6.77E-05	1.39E-05
4008	624076.59	4265234.26	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05	1.41E-05
4009	624085.68	4265230.65	4.49E-04	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.92E-05	1.42E-05
4010	624094.77	4265227.03	4.54E-04	1.56E-04	3.79E-04	1.17E-04	8.98E-05	2.99E-05	7.00E-05	1.44E-05
4011	624103.87	4265223.41	4.59E-04	1.58E-04	3.83E-04	1.18E-04	9.08E-05	3.02E-05	7.08E-05	1.46E-05
4012	624112.96	4265219.79	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05	1.47E-05
4013	624122.05	4265216.18	4.68E-04	1.61E-04	3.91E-04	1.20E-04	9.26E-05	3.08E-05	7.22E-05	1.48E-05
4014	624131.15	4265212.56	4.72E-04	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
4015	624140.24	4265208.94	4.76E-04	1.64E-04	3.98E-04	1.22E-04	9.41E-05	3.13E-05	7.34E-05	1.51E-05
4016	624149.33	4265205.32	4.79E-04	1.65E-04	4.00E-04	1.23E-04	9.48E-05	3.16E-05	7.39E-05	1.52E-05
4017	624158.42	4265201.7	4.82E-04	1.66E-04	4.03E-04	1.24E-04	9.54E-05	3.18E-05	7.44E-05	1.53E-05
4018	624167.52	4265198.09	4.85E-04	1.67E-04	4.05E-04	1.25E-04	9.60E-05	3.19E-05	7.48E-05	1.54E-05
4019	624176.61	4265194.47	4.87E-04	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05	1.55E-05
4020	624185.7	4265190.85	4.89E-04	1.68E-04	4.09E-04	1.26E-04	9.68E-05	3.22E-05	7.55E-05	1.55E-05
4021	624194.79	4265187.23	4.91E-04	1.69E-04	4.10E-04	1.26E-04	9.72E-05	3.23E-05	7.58E-05	1.56E-05
4022	624203.89	4265183.61	4.92E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05	1.56E-05
4023	624212.98	4265180	4.94E-04	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05	1.57E-05
4024	624222.07	4265176.38	4.95E-04	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05	1.57E-05

4025	624231.17	4265172.76	4.95E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.64E-05	1.57E-05
4026	624240.26	4265169.14	4.96E-04	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.66E-05	1.57E-05
4027	624249.35	4265165.53	4.97E-04	1.71E-04	4.16E-04	1.28E-04	9.84E-05	3.28E-05	7.67E-05	1.58E-05
4028	624258.44	4265161.91	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05	1.58E-05
4029	624267.54	4265158.29	4.99E-04	1.72E-04	4.17E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05	1.59E-05
4030	624276.63	4265154.67	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05	1.59E-05
4031	624285.72	4265151.05	5.03E-04	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.75E-05	1.59E-05
4032	624294.81	4265147.44	5.04E-04	1.73E-04	4.22E-04	1.30E-04	9.98E-05	3.32E-05	7.78E-05	1.60E-05
4033	624303.91	4265143.82	5.06E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.81E-05	1.61E-05
4034	624313	4265140.2	5.09E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05	1.61E-05
4035	624322.09	4265136.58	5.11E-04	1.76E-04	4.27E-04	1.32E-04	1.01E-04	3.37E-05	7.88E-05	1.62E-05
4036	624331.19	4265132.96	5.14E-04	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.93E-05	1.63E-05
4037	624340.28	4265129.35	5.16E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
4038	624349.37	4265125.73	5.19E-04	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
4039	624358.46	4265122.11	5.22E-04	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.44E-05	8.05E-05	1.66E-05
4040	623809.99	4265660.48	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
4041	623809.84	4265670.38	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05	1.29E-05
4042	623809.7	4265680.27	4.09E-04	1.41E-04	3.42E-04	1.05E-04	8.10E-05	2.70E-05	6.31E-05	1.30E-05
4043	623809.56	4265690.16	4.12E-04	1.42E-04	3.44E-04	1.06E-04	8.15E-05	2.71E-05	6.35E-05	1.31E-05
4044	623809.42	4265700.05	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.38E-05	1.31E-05
4045	623809.27	4265709.95	4.16E-04	1.43E-04	3.47E-04	1.07E-04	8.23E-05	2.74E-05	6.41E-05	1.32E-05
4046	623809.13	4265719.84	4.17E-04	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
4047	623808.99	4265729.73	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
4048	623808.84	4265739.62	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05	1.34E-05
4049	623808.7	4265749.52	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
4050	623808.56	4265759.41	4.24E-04	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05	1.35E-05
4051	623808.41	4265769.3	4.26E-04	1.47E-04	3.56E-04	1.10E-04	8.43E-05	2.81E-05	6.57E-05	1.35E-05
4052	623808.27	4265779.19	4.28E-04	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05	1.36E-05
4053	623808.13	4265789.09	4.30E-04	1.48E-04	3.60E-04	1.11E-04	8.52E-05	2.83E-05	6.64E-05	1.37E-05
4054	623807.98	4265798.98	4.33E-04	1.49E-04	3.62E-04	1.11E-04	8.56E-05	2.85E-05	6.68E-05	1.37E-05
4055	623807.84	4265808.87	4.35E-04	1.50E-04	3.64E-04	1.12E-04	8.62E-05	2.87E-05	6.72E-05	1.38E-05
4056	623807.7	4265818.76	4.39E-04	1.51E-04	3.67E-04	1.13E-04	8.68E-05	2.89E-05	6.77E-05	1.39E-05
4057	623807.55	4265828.66	4.42E-04	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
4058	623807.41	4265838.55	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05	1.42E-05
4059	623807.27	4265848.44	4.51E-04	1.55E-04	3.77E-04	1.16E-04	8.92E-05	2.97E-05	6.95E-05	1.43E-05
4060	623807.13	4265858.33	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
4061	623806.98	4265868.23	4.61E-04	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.03E-05	7.11E-05	1.46E-05
4062	623806.84	4265878.12	4.66E-04	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
4063	623806.7	4265888.01	4.71E-04	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.10E-05	7.27E-05	1.50E-05
4064	623806.55	4265897.9	4.77E-04	1.64E-04	3.98E-04	1.23E-04	9.44E-05	3.14E-05	7.36E-05	1.51E-05
4065	623806.41	4265907.8	4.82E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05	1.53E-05
4066	623806.27	4265917.69	4.88E-04	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.22E-05	7.53E-05	1.55E-05
4067	623806.12	4265927.58	4.94E-04	1.70E-04	4.13E-04	1.27E-04	9.77E-05	3.25E-05	7.62E-05	1.57E-05
4068	623805.98	4265937.47	4.99E-04	1.72E-04	4.17E-04	1.28E-04	9.88E-05	3.29E-05	7.70E-05	1.58E-05
4069	623805.84	4265947.37	5.04E-04	1.73E-04	4.21E-04	1.30E-04	9.98E-05	3.32E-05	7.78E-05	1.60E-05
4070	623805.69	4265957.26	5.09E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.86E-05	1.62E-05
4071	623763.86	4265650.79	3.68E-04	1.27E-04	3.08E-04	9.48E-05	7.29E-05	2.43E-05	5.68E-05	1.17E-05
4072	623767.73	4265641.82	3.68E-04	1.27E-04	3.08E-04	9.49E-05	7.29E-05	2.43E-05	5.69E-05	1.17E-05
4073	623771.59	4265632.85	3.69E-04	1.27E-04	3.08E-04	9.49E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4074	623775.46	4265623.88	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4075	623779.33	4265614.91	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4076	623783.19	4265605.94	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4077	623787.06	4265596.98	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05

4078	623790.92	4265588.01	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4079	623794.79	4265579.04	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4080	623798.66	4265570.07	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4081	623802.52	4265561.1	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4082	623806.39	4265552.13	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
4083	623810.26	4265543.16	3.69E-04	1.27E-04	3.09E-04	9.50E-05	7.31E-05	2.43E-05	5.70E-05	1.17E-05
4084	623814.12	4265534.19	3.69E-04	1.27E-04	3.09E-04	9.51E-05	7.31E-05	2.43E-05	5.70E-05	1.17E-05
4085	623817.99	4265525.22	3.70E-04	1.27E-04	3.09E-04	9.52E-05	7.32E-05	2.44E-05	5.70E-05	1.17E-05
4086	623821.86	4265516.25	3.70E-04	1.27E-04	3.09E-04	9.52E-05	7.32E-05	2.44E-05	5.71E-05	1.17E-05
4087	623825.72	4265507.28	3.70E-04	1.27E-04	3.09E-04	9.53E-05	7.33E-05	2.44E-05	5.71E-05	1.18E-05
4088	623829.59	4265498.31	3.71E-04	1.27E-04	3.10E-04	9.54E-05	7.34E-05	2.44E-05	5.72E-05	1.18E-05
4089	623833.46	4265489.35	3.71E-04	1.28E-04	3.10E-04	9.55E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
4090	623837.32	4265480.38	3.72E-04	1.28E-04	3.11E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
4091	623841.19	4265471.41	3.72E-04	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
4092	623845.06	4265462.44	3.72E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.74E-05	1.18E-05
4093	623848.92	4265453.47	3.73E-04	1.28E-04	3.11E-04	9.59E-05	7.38E-05	2.45E-05	5.75E-05	1.18E-05
4094	623852.79	4265444.5	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
4095	623856.66	4265435.53	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.76E-05	1.18E-05
4096	623860.52	4265426.56	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.76E-05	1.18E-05
4097	623864.39	4265417.59	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
4098	623868.25	4265408.62	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
4099	623872.12	4265399.65	3.72E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
4100	623875.99	4265390.68	3.72E-04	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
4101	623879.85	4265381.72	3.71E-04	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
4102	623883.72	4265372.75	3.70E-04	1.27E-04	3.10E-04	9.53E-05	7.33E-05	2.44E-05	5.71E-05	1.18E-05
4103	623887.59	4265363.78	3.69E-04	1.27E-04	3.09E-04	9.51E-05	7.31E-05	2.43E-05	5.70E-05	1.17E-05
4104	623891.45	4265354.81	3.68E-04	1.27E-04	3.08E-04	9.48E-05	7.29E-05	2.43E-05	5.68E-05	1.17E-05
4105	623895.32	4265345.84	3.67E-04	1.26E-04	3.07E-04	9.46E-05	7.27E-05	2.42E-05	5.67E-05	1.17E-05
4106	623899.19	4265336.87	3.66E-04	1.26E-04	3.06E-04	9.42E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
4107	623903.05	4265327.9	3.65E-04	1.25E-04	3.05E-04	9.39E-05	7.22E-05	2.40E-05	5.63E-05	1.16E-05
4108	623906.92	4265318.93	3.64E-04	1.25E-04	3.04E-04	9.36E-05	7.20E-05	2.40E-05	5.61E-05	1.15E-05
4109	623910.79	4265309.96	3.62E-04	1.25E-04	3.03E-04	9.33E-05	7.17E-05	2.39E-05	5.59E-05	1.15E-05
4110	623914.65	4265300.99	3.61E-04	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.57E-05	1.15E-05
4111	623918.52	4265292.02	3.60E-04	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.56E-05	1.14E-05
4112	623922.39	4265283.05	3.59E-04	1.23E-04	3.00E-04	9.24E-05	7.10E-05	2.36E-05	5.54E-05	1.14E-05
4113	623926.25	4265274.09	3.58E-04	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05	1.14E-05
4114	623930.12	4265265.12	3.57E-04	1.23E-04	2.98E-04	9.19E-05	7.06E-05	2.35E-05	5.51E-05	1.13E-05
4115	623933.99	4265256.15	3.56E-04	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05	1.13E-05
4116	623937.85	4265247.18	3.55E-04	1.22E-04	2.97E-04	9.14E-05	7.02E-05	2.34E-05	5.48E-05	1.13E-05
4117	623950.79	4265234.6	3.58E-04	1.23E-04	2.99E-04	9.22E-05	7.08E-05	2.36E-05	5.52E-05	1.14E-05
4118	623959.87	4265230.99	3.62E-04	1.24E-04	3.03E-04	9.32E-05	7.17E-05	2.39E-05	5.59E-05	1.15E-05
4119	623968.94	4265227.38	3.66E-04	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
4120	623978.02	4265223.76	3.71E-04	1.27E-04	3.10E-04	9.54E-05	7.33E-05	2.44E-05	5.72E-05	1.18E-05
4121	623987.09	4265220.15	3.75E-04	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.79E-05	1.19E-05
4122	623996.17	4265216.54	3.80E-04	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
4123	624005.24	4265212.93	3.84E-04	1.32E-04	3.21E-04	9.89E-05	7.60E-05	2.53E-05	5.93E-05	1.22E-05
4124	624014.32	4265209.32	3.89E-04	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	6.00E-05	1.23E-05
4125	624023.39	4265205.71	3.93E-04	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.07E-05	1.25E-05
4126	624032.47	4265202.1	3.98E-04	1.37E-04	3.33E-04	1.03E-04	7.88E-05	2.62E-05	6.14E-05	1.26E-05
4127	624041.54	4265198.49	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.22E-05	1.28E-05
4128	624050.62	4265194.88	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.68E-05	6.29E-05	1.29E-05
4129	624059.7	4265191.27	4.12E-04	1.42E-04	3.44E-04	1.06E-04	8.16E-05	2.71E-05	6.36E-05	1.31E-05
4130	624068.77	4265187.66	4.17E-04	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.74E-05	6.43E-05	1.32E-05

4131	624077.85	4265184.05	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05	1.34E-05
4132	624086.92	4265180.43	4.25E-04	1.46E-04	3.55E-04	1.09E-04	8.41E-05	2.80E-05	6.56E-05	1.35E-05
4133	624096	4265176.82	4.29E-04	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05	1.36E-05
4134	624105.07	4265173.21	4.33E-04	1.49E-04	3.62E-04	1.11E-04	8.57E-05	2.85E-05	6.68E-05	1.37E-05
4135	624114.15	4265169.6	4.36E-04	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.87E-05	6.73E-05	1.38E-05
4136	624123.22	4265165.99	4.40E-04	1.51E-04	3.68E-04	1.13E-04	8.70E-05	2.90E-05	6.79E-05	1.40E-05
4137	624132.3	4265162.38	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05	1.41E-05
4138	624141.37	4265158.77	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05	1.41E-05
4139	624150.45	4265155.16	4.48E-04	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05	1.42E-05
4140	624159.52	4265151.55	4.50E-04	1.55E-04	3.76E-04	1.16E-04	8.91E-05	2.97E-05	6.95E-05	1.43E-05
4141	624168.6	4265147.94	4.52E-04	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05	1.43E-05
4142	624177.67	4265144.33	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.99E-05	6.99E-05	1.44E-05
4143	624186.75	4265140.72	4.54E-04	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05	1.44E-05
4144	624195.82	4265137.1	4.55E-04	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05	1.44E-05
4145	624204.9	4265133.49	4.55E-04	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05	1.45E-05
4146	624213.97	4265129.88	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
4147	624223.05	4265126.27	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.01E-05	7.04E-05	1.45E-05
4148	624232.12	4265122.66	4.57E-04	1.57E-04	3.82E-04	1.18E-04	9.04E-05	3.01E-05	7.05E-05	1.45E-05
4149	624241.2	4265119.05	4.57E-04	1.57E-04	3.82E-04	1.18E-04	9.05E-05	3.01E-05	7.05E-05	1.45E-05
4150	624250.27	4265115.44	4.58E-04	1.57E-04	3.82E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05	1.45E-05
4151	624259.35	4265111.83	4.58E-04	1.58E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05	1.45E-05
4152	624268.42	4265108.22	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05	1.46E-05
4153	624277.5	4265104.61	4.60E-04	1.58E-04	3.85E-04	1.19E-04	9.11E-05	3.03E-05	7.10E-05	1.46E-05
4154	624286.57	4265101	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.47E-05
4155	624295.65	4265097.38	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05	1.47E-05
4156	624304.72	4265093.77	4.65E-04	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.47E-05
4157	624313.8	4265090.16	4.67E-04	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.20E-05	1.48E-05
4158	624322.87	4265086.55	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05	1.49E-05
4159	624331.95	4265082.94	4.71E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
4160	624341.02	4265079.33	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.11E-05	7.29E-05	1.50E-05
4161	624350.1	4265075.72	4.75E-04	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.33E-05	1.51E-05
4162	624359.17	4265072.11	4.77E-04	1.64E-04	3.99E-04	1.23E-04	9.44E-05	3.14E-05	7.36E-05	1.51E-05
4163	623759.99	4265659.76	3.68E-04	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.67E-05	1.17E-05
4164	623759.85	4265669.65	3.70E-04	1.27E-04	3.09E-04	9.52E-05	7.32E-05	2.44E-05	5.71E-05	1.17E-05
4165	623759.71	4265679.55	3.72E-04	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
4166	623759.56	4265689.44	3.74E-04	1.29E-04	3.12E-04	9.62E-05	7.40E-05	2.46E-05	5.77E-05	1.19E-05
4167	623759.42	4265699.33	3.75E-04	1.29E-04	3.14E-04	9.67E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
4168	623759.28	4265709.22	3.77E-04	1.30E-04	3.15E-04	9.71E-05	7.46E-05	2.48E-05	5.82E-05	1.20E-05
4169	623759.13	4265719.12	3.79E-04	1.30E-04	3.16E-04	9.75E-05	7.49E-05	2.49E-05	5.84E-05	1.20E-05
4170	623758.99	4265729.01	3.80E-04	1.31E-04	3.18E-04	9.79E-05	7.52E-05	2.50E-05	5.86E-05	1.21E-05
4171	623758.85	4265738.9	3.81E-04	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.89E-05	1.21E-05
4172	623758.7	4265748.79	3.83E-04	1.32E-04	3.20E-04	9.86E-05	7.58E-05	2.52E-05	5.91E-05	1.22E-05
4173	623758.56	4265758.69	3.84E-04	1.32E-04	3.21E-04	9.90E-05	7.61E-05	2.53E-05	5.93E-05	1.22E-05
4174	623758.42	4265768.58	3.86E-04	1.33E-04	3.23E-04	9.93E-05	7.64E-05	2.54E-05	5.95E-05	1.22E-05
4175	623758.28	4265778.47	3.88E-04	1.33E-04	3.24E-04	9.98E-05	7.67E-05	2.55E-05	5.98E-05	1.23E-05
4176	623758.13	4265788.36	3.89E-04	1.34E-04	3.25E-04	1.00E-04	7.71E-05	2.57E-05	6.01E-05	1.24E-05
4177	623757.99	4265798.26	3.91E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
4178	623757.85	4265808.15	3.94E-04	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.08E-05	1.25E-05
4179	623757.7	4265818.04	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.85E-05	2.61E-05	6.12E-05	1.26E-05
4180	623757.56	4265827.93	3.99E-04	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05	1.27E-05
4181	623757.42	4265837.83	4.03E-04	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
4182	623757.27	4265847.72	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
4183	623757.13	4265857.61	4.10E-04	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05	1.30E-05

4184	623756.99	4265867.5	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
4185	623756.84	4265877.4	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.29E-05	2.76E-05	6.46E-05	1.33E-05
4186	623756.7	4265887.29	4.23E-04	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05	1.34E-05
4187	623756.56	4265897.18	4.28E-04	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.61E-05	1.36E-05
4188	623756.41	4265907.07	4.33E-04	1.49E-04	3.62E-04	1.11E-04	8.57E-05	2.85E-05	6.68E-05	1.37E-05
4189	623756.27	4265916.97	4.38E-04	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05	1.39E-05
4190	623756.13	4265926.86	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.83E-05	1.41E-05
4191	623755.99	4265936.75	4.48E-04	1.54E-04	3.74E-04	1.15E-04	8.87E-05	2.95E-05	6.91E-05	1.42E-05
4192	623755.84	4265946.64	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05	1.44E-05
4193	623755.7	4265956.54	4.58E-04	1.57E-04	3.82E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05	1.45E-05
4194	623713.86	4265650.08	3.36E-04	1.15E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.18E-05	1.07E-05
4195	623717.72	4265641.13	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
4196	623721.58	4265632.17	3.37E-04	1.16E-04	2.81E-04	8.67E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
4197	623725.44	4265623.22	3.37E-04	1.16E-04	2.82E-04	8.67E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
4198	623729.3	4265614.26	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
4199	623733.16	4265605.31	3.37E-04	1.16E-04	2.82E-04	8.69E-05	6.68E-05	2.22E-05	5.21E-05	1.07E-05
4200	623737.02	4265596.36	3.38E-04	1.16E-04	2.82E-04	8.69E-05	6.68E-05	2.22E-05	5.21E-05	1.07E-05
4201	623740.88	4265587.4	3.38E-04	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05	1.07E-05
4202	623744.74	4265578.45	3.38E-04	1.16E-04	2.83E-04	8.71E-05	6.69E-05	2.23E-05	5.22E-05	1.07E-05
4203	623748.6	4265569.49	3.38E-04	1.16E-04	2.83E-04	8.71E-05	6.70E-05	2.23E-05	5.22E-05	1.07E-05
4204	623752.46	4265560.54	3.39E-04	1.16E-04	2.83E-04	8.72E-05	6.70E-05	2.23E-05	5.23E-05	1.07E-05
4205	623756.32	4265551.58	3.39E-04	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
4206	623760.18	4265542.63	3.39E-04	1.17E-04	2.84E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
4207	623764.04	4265533.67	3.40E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
4208	623767.9	4265524.72	3.40E-04	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05	1.08E-05
4209	623771.76	4265515.76	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
4210	623775.62	4265506.81	3.41E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
4211	623779.48	4265497.86	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
4212	623783.34	4265488.9	3.42E-04	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
4213	623787.2	4265479.95	3.42E-04	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4214	623791.06	4265470.99	3.42E-04	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.28E-05	1.09E-05
4215	623794.92	4265462.04	3.43E-04	1.18E-04	2.87E-04	8.83E-05	6.79E-05	2.26E-05	5.29E-05	1.09E-05
4216	623798.78	4265453.08	3.43E-04	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
4217	623802.64	4265444.13	3.44E-04	1.18E-04	2.87E-04	8.85E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
4218	623806.5	4265435.17	3.44E-04	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05	1.09E-05
4219	623810.36	4265426.22	3.44E-04	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.31E-05	1.09E-05
4220	623814.22	4265417.26	3.44E-04	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05	1.09E-05
4221	623818.08	4265408.31	3.45E-04	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05	1.09E-05
4222	623821.94	4265399.36	3.44E-04	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05	1.09E-05
4223	623825.8	4265390.4	3.44E-04	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05	1.09E-05
4224	623829.66	4265381.45	3.44E-04	1.18E-04	2.87E-04	8.85E-05	6.81E-05	2.27E-05	5.31E-05	1.09E-05
4225	623833.52	4265372.49	3.43E-04	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
4226	623837.38	4265363.54	3.43E-04	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.29E-05	1.09E-05
4227	623841.24	4265354.58	3.42E-04	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4228	623845.1	4265345.63	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
4229	623848.96	4265336.67	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
4230	623852.82	4265327.72	3.39E-04	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
4231	623856.69	4265318.76	3.38E-04	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05	1.07E-05
4232	623860.55	4265309.81	3.37E-04	1.16E-04	2.81E-04	8.67E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
4233	623864.41	4265300.86	3.35E-04	1.15E-04	2.80E-04	8.63E-05	6.64E-05	2.21E-05	5.18E-05	1.06E-05
4234	623868.27	4265291.9	3.34E-04	1.15E-04	2.79E-04	8.60E-05	6.61E-05	2.20E-05	5.16E-05	1.06E-05
4235	623872.13	4265282.95	3.33E-04	1.14E-04	2.78E-04	8.57E-05	6.59E-05	2.19E-05	5.14E-05	1.06E-05
4236	623875.99	4265273.99	3.32E-04	1.14E-04	2.77E-04	8.54E-05	6.56E-05	2.18E-05	5.12E-05	1.05E-05

4237	623879.85	4265265.04	3.30E-04	1.14E-04	2.76E-04	8.51E-05	6.54E-05	2.18E-05	5.10E-05	1.05E-05
4238	623883.71	4265256.08	3.29E-04	1.13E-04	2.75E-04	8.48E-05	6.52E-05	2.17E-05	5.08E-05	1.04E-05
4239	623887.57	4265247.13	3.28E-04	1.13E-04	2.74E-04	8.45E-05	6.49E-05	2.16E-05	5.06E-05	1.04E-05
4240	623891.43	4265238.17	3.27E-04	1.12E-04	2.73E-04	8.42E-05	6.47E-05	2.15E-05	5.05E-05	1.04E-05
4241	623895.29	4265229.22	3.26E-04	1.12E-04	2.73E-04	8.40E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
4242	623899.15	4265220.26	3.25E-04	1.12E-04	2.72E-04	8.37E-05	6.44E-05	2.14E-05	5.02E-05	1.03E-05
4243	623903.01	4265211.31	3.24E-04	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.01E-05	1.03E-05
4244	623915.93	4265198.75	3.27E-04	1.13E-04	2.74E-04	8.43E-05	6.48E-05	2.16E-05	5.05E-05	1.04E-05
4245	623924.99	4265195.15	3.31E-04	1.14E-04	2.77E-04	8.53E-05	6.55E-05	2.18E-05	5.11E-05	1.05E-05
4246	623934.05	4265191.54	3.35E-04	1.15E-04	2.80E-04	8.63E-05	6.63E-05	2.21E-05	5.17E-05	1.06E-05
4247	623943.11	4265187.94	3.39E-04	1.17E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
4248	623952.17	4265184.33	3.43E-04	1.18E-04	2.87E-04	8.83E-05	6.78E-05	2.26E-05	5.29E-05	1.09E-05
4249	623961.23	4265180.73	3.47E-04	1.19E-04	2.90E-04	8.93E-05	6.86E-05	2.28E-05	5.35E-05	1.10E-05
4250	623970.29	4265177.12	3.51E-04	1.21E-04	2.93E-04	9.03E-05	6.94E-05	2.31E-05	5.41E-05	1.11E-05
4251	623979.35	4265173.52	3.55E-04	1.22E-04	2.97E-04	9.14E-05	7.03E-05	2.34E-05	5.48E-05	1.13E-05
4252	623988.41	4265169.91	3.59E-04	1.24E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05	1.14E-05
4253	623997.47	4265166.31	3.63E-04	1.25E-04	3.04E-04	9.36E-05	7.19E-05	2.39E-05	5.61E-05	1.15E-05
4254	624006.53	4265162.7	3.68E-04	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.67E-05	1.17E-05
4255	624015.59	4265159.1	3.72E-04	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
4256	624024.65	4265155.49	3.76E-04	1.29E-04	3.14E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
4257	624033.71	4265151.89	3.80E-04	1.31E-04	3.18E-04	9.79E-05	7.53E-05	2.51E-05	5.87E-05	1.21E-05
4258	624042.77	4265148.28	3.84E-04	1.32E-04	3.21E-04	9.90E-05	7.61E-05	2.53E-05	5.93E-05	1.22E-05
4259	624051.83	4265144.68	3.88E-04	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	5.99E-05	1.23E-05
4260	624060.89	4265141.07	3.92E-04	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.58E-05	6.05E-05	1.24E-05
4261	624069.95	4265137.47	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05	1.26E-05
4262	624079.01	4265133.86	4.00E-04	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.16E-05	1.27E-05
4263	624088.07	4265130.26	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.22E-05	1.28E-05
4264	624097.13	4265126.65	4.06E-04	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
4265	624106.19	4265123.05	4.09E-04	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05	1.30E-05
4266	624115.25	4265119.44	4.11E-04	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.35E-05	1.31E-05
4267	624124.31	4265115.84	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.38E-05	1.31E-05
4268	624133.37	4265112.23	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.23E-05	2.74E-05	6.42E-05	1.32E-05
4269	624142.44	4265108.63	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05	1.33E-05
4270	624151.5	4265105.02	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
4271	624160.56	4265101.42	4.20E-04	1.44E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.48E-05	1.33E-05
4272	624169.62	4265097.81	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05	1.34E-05
4273	624178.68	4265094.21	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.34E-05	2.78E-05	6.50E-05	1.34E-05
4274	624187.74	4265090.6	4.22E-04	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.50E-05	1.34E-05
4275	624196.8	4265087	4.22E-04	1.45E-04	3.52E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
4276	624205.86	4265083.39	4.22E-04	1.45E-04	3.52E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
4277	624214.92	4265079.79	4.22E-04	1.45E-04	3.52E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
4278	624223.98	4265076.18	4.22E-04	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.51E-05	1.34E-05
4279	624233.04	4265072.58	4.22E-04	1.45E-04	3.52E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
4280	624242.1	4265068.97	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05	1.34E-05
4281	624251.16	4265065.37	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.51E-05	1.34E-05
4282	624260.22	4265061.76	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.78E-05	6.52E-05	1.34E-05
4283	624269.28	4265058.16	4.23E-04	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05	1.34E-05
4284	624278.34	4265054.55	4.24E-04	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05	1.35E-05
4285	624287.4	4265050.95	4.25E-04	1.46E-04	3.55E-04	1.09E-04	8.42E-05	2.80E-05	6.56E-05	1.35E-05
4286	624296.46	4265047.34	4.26E-04	1.47E-04	3.56E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05	1.35E-05
4287	624305.52	4265043.74	4.28E-04	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05	1.36E-05
4288	624314.58	4265040.13	4.29E-04	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.62E-05	1.36E-05
4289	624323.64	4265036.53	4.31E-04	1.48E-04	3.60E-04	1.11E-04	8.53E-05	2.84E-05	6.65E-05	1.37E-05

4290	624332.7	4265032.92	4.33E-04	1.49E-04	3.62E-04	1.11E-04	8.56E-05	2.85E-05	6.67E-05	1.37E-05
4291	624341.76	4265029.32	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05	1.38E-05
4292	624350.82	4265025.71	4.36E-04	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.87E-05	6.73E-05	1.38E-05
4293	624359.88	4265022.11	4.38E-04	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05	1.39E-05
4294	623710	4265659.04	3.35E-04	1.15E-04	2.80E-04	8.63E-05	6.64E-05	2.21E-05	5.17E-05	1.06E-05
4295	623709.85	4265668.93	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
4296	623709.71	4265678.82	3.39E-04	1.17E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
4297	623709.57	4265688.71	3.40E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
4298	623709.43	4265698.61	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4299	623709.28	4265708.5	3.43E-04	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
4300	623709.14	4265718.39	3.45E-04	1.19E-04	2.88E-04	8.88E-05	6.83E-05	2.27E-05	5.32E-05	1.09E-05
4301	623709	4265728.28	3.46E-04	1.19E-04	2.89E-04	8.91E-05	6.85E-05	2.28E-05	5.34E-05	1.10E-05
4302	623708.85	4265738.18	3.47E-04	1.19E-04	2.90E-04	8.94E-05	6.88E-05	2.29E-05	5.36E-05	1.10E-05
4303	623708.71	4265748.07	3.49E-04	1.20E-04	2.91E-04	8.98E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
4304	623708.57	4265757.96	3.50E-04	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05	1.11E-05
4305	623708.42	4265767.85	3.51E-04	1.21E-04	2.94E-04	9.05E-05	6.96E-05	2.32E-05	5.42E-05	1.12E-05
4306	623708.28	4265777.75	3.53E-04	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
4307	623708.14	4265787.64	3.55E-04	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05	1.13E-05
4308	623707.99	4265797.53	3.56E-04	1.23E-04	2.98E-04	9.18E-05	7.05E-05	2.35E-05	5.50E-05	1.13E-05
4309	623707.85	4265807.42	3.58E-04	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
4310	623707.71	4265817.32	3.61E-04	1.24E-04	3.02E-04	9.29E-05	7.14E-05	2.38E-05	5.57E-05	1.14E-05
4311	623707.56	4265827.21	3.63E-04	1.25E-04	3.04E-04	9.36E-05	7.19E-05	2.39E-05	5.61E-05	1.15E-05
4312	623707.42	4265837.1	3.66E-04	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
4313	623707.28	4265846.99	3.69E-04	1.27E-04	3.09E-04	9.50E-05	7.31E-05	2.43E-05	5.70E-05	1.17E-05
4314	623707.14	4265856.89	3.72E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
4315	623706.99	4265866.78	3.76E-04	1.29E-04	3.14E-04	9.68E-05	7.44E-05	2.48E-05	5.80E-05	1.19E-05
4316	623706.85	4265876.67	3.80E-04	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
4317	623706.71	4265886.56	3.83E-04	1.32E-04	3.21E-04	9.87E-05	7.59E-05	2.53E-05	5.92E-05	1.22E-05
4318	623706.56	4265896.46	3.87E-04	1.33E-04	3.24E-04	9.98E-05	7.67E-05	2.55E-05	5.98E-05	1.23E-05
4319	623706.42	4265906.35	3.92E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
4320	623706.28	4265916.24	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05	1.26E-05
4321	623706.13	4265926.13	4.00E-04	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.64E-05	6.17E-05	1.27E-05
4322	623705.99	4265936.03	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
4323	623705.85	4265945.92	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05	1.30E-05
4324	623705.7	4265955.81	4.12E-04	1.42E-04	3.45E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05	1.31E-05
4325	623705.56	4265965.7	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
4326	623663.86	4265649.37	3.08E-04	1.06E-04	2.58E-04	7.94E-05	6.10E-05	2.03E-05	4.76E-05	9.79E-06
4327	623667.71	4265640.43	3.09E-04	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.03E-05	4.76E-05	9.80E-06
4328	623671.57	4265631.49	3.09E-04	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05	9.81E-06
4329	623675.42	4265622.55	3.09E-04	1.06E-04	2.59E-04	7.97E-05	6.12E-05	2.04E-05	4.77E-05	9.82E-06
4330	623679.28	4265613.6	3.10E-04	1.06E-04	2.59E-04	7.97E-05	6.13E-05	2.04E-05	4.78E-05	9.83E-06
4331	623683.13	4265604.66	3.10E-04	1.07E-04	2.59E-04	7.98E-05	6.13E-05	2.04E-05	4.78E-05	9.84E-06
4332	623686.99	4265595.72	3.10E-04	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.04E-05	4.79E-05	9.84E-06
4333	623690.84	4265586.78	3.10E-04	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.05E-05	4.79E-05	9.85E-06
4334	623694.7	4265577.84	3.11E-04	1.07E-04	2.60E-04	8.00E-05	6.15E-05	2.05E-05	4.79E-05	9.86E-06
4335	623698.55	4265568.89	3.11E-04	1.07E-04	2.60E-04	8.00E-05	6.15E-05	2.05E-05	4.80E-05	9.87E-06
4336	623702.41	4265559.95	3.11E-04	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05	9.88E-06
4337	623706.26	4265551.01	3.12E-04	1.07E-04	2.60E-04	8.02E-05	6.17E-05	2.05E-05	4.81E-05	9.89E-06
4338	623710.12	4265542.07	3.12E-04	1.07E-04	2.61E-04	8.03E-05	6.17E-05	2.06E-05	4.81E-05	9.90E-06
4339	623713.97	4265533.13	3.12E-04	1.07E-04	2.61E-04	8.04E-05	6.18E-05	2.06E-05	4.82E-05	9.91E-06
4340	623717.83	4265524.18	3.13E-04	1.08E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.83E-05	9.93E-06
4341	623721.68	4265515.24	3.13E-04	1.08E-04	2.62E-04	8.06E-05	6.20E-05	2.06E-05	4.83E-05	9.94E-06
4342	623725.53	4265506.3	3.14E-04	1.08E-04	2.62E-04	8.08E-05	6.21E-05	2.07E-05	4.84E-05	9.96E-06

4343	623729.39	4265497.36	3.14E-04	1.08E-04	2.63E-04	8.09E-05	6.22E-05	2.07E-05	4.85E-05	9.98E-06
4344	623733.24	4265488.42	3.15E-04	1.08E-04	2.63E-04	8.11E-05	6.23E-05	2.08E-05	4.86E-05	1.00E-05
4345	623737.1	4265479.47	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
4346	623740.95	4265470.53	3.16E-04	1.09E-04	2.64E-04	8.14E-05	6.26E-05	2.08E-05	4.88E-05	1.00E-05
4347	623744.81	4265461.59	3.17E-04	1.09E-04	2.65E-04	8.16E-05	6.27E-05	2.09E-05	4.89E-05	1.01E-05
4348	623748.66	4265452.65	3.18E-04	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05	1.01E-05
4349	623752.52	4265443.71	3.18E-04	1.09E-04	2.66E-04	8.19E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
4350	623756.37	4265434.76	3.19E-04	1.10E-04	2.66E-04	8.20E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
4351	623760.23	4265425.82	3.19E-04	1.10E-04	2.67E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
4352	623764.08	4265416.88	3.19E-04	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05	1.01E-05
4353	623767.94	4265407.94	3.20E-04	1.10E-04	2.67E-04	8.23E-05	6.32E-05	2.11E-05	4.93E-05	1.01E-05
4354	623771.79	4265399	3.20E-04	1.10E-04	2.67E-04	8.23E-05	6.33E-05	2.11E-05	4.93E-05	1.01E-05
4355	623775.65	4265390.05	3.20E-04	1.10E-04	2.67E-04	8.23E-05	6.33E-05	2.11E-05	4.93E-05	1.01E-05
4356	623779.5	4265381.11	3.20E-04	1.10E-04	2.67E-04	8.23E-05	6.33E-05	2.11E-05	4.93E-05	1.01E-05
4357	623783.36	4265372.17	3.20E-04	1.10E-04	2.67E-04	8.23E-05	6.32E-05	2.11E-05	4.93E-05	1.01E-05
4358	623787.21	4265363.23	3.19E-04	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05	1.01E-05
4359	623791.07	4265354.29	3.19E-04	1.10E-04	2.66E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
4360	623794.92	4265345.34	3.18E-04	1.09E-04	2.66E-04	8.19E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
4361	623798.78	4265336.4	3.17E-04	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05	1.01E-05
4362	623802.63	4265327.46	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.88E-05	1.00E-05
4363	623806.49	4265318.52	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
4364	623810.34	4265309.58	3.15E-04	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.85E-05	9.98E-06
4365	623814.19	4265300.63	3.13E-04	1.08E-04	2.62E-04	8.07E-05	6.20E-05	2.07E-05	4.84E-05	9.95E-06
4366	623818.05	4265291.69	3.12E-04	1.07E-04	2.61E-04	8.04E-05	6.18E-05	2.06E-05	4.82E-05	9.91E-06
4367	623821.9	4265282.75	3.11E-04	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05	9.87E-06
4368	623825.76	4265273.81	3.10E-04	1.07E-04	2.59E-04	7.98E-05	6.13E-05	2.04E-05	4.78E-05	9.83E-06
4369	623829.61	4265264.87	3.09E-04	1.06E-04	2.58E-04	7.94E-05	6.11E-05	2.03E-05	4.76E-05	9.79E-06
4370	623833.47	4265255.92	3.07E-04	1.06E-04	2.57E-04	7.91E-05	6.08E-05	2.02E-05	4.74E-05	9.75E-06
4371	623837.32	4265246.98	3.06E-04	1.05E-04	2.56E-04	7.88E-05	6.06E-05	2.02E-05	4.72E-05	9.71E-06
4372	623841.18	4265238.04	3.05E-04	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05	9.68E-06
4373	623845.03	4265229.1	3.04E-04	1.04E-04	2.54E-04	7.82E-05	6.01E-05	2.00E-05	4.69E-05	9.64E-06
4374	623848.89	4265220.16	3.03E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.61E-06
4375	623852.74	4265211.21	3.02E-04	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.65E-05	9.57E-06
4376	623856.6	4265202.27	3.01E-04	1.03E-04	2.51E-04	7.74E-05	5.95E-05	1.98E-05	4.64E-05	9.54E-06
4377	623860.45	4265193.33	3.00E-04	1.03E-04	2.51E-04	7.72E-05	5.94E-05	1.98E-05	4.63E-05	9.52E-06
4378	623864.31	4265184.39	2.99E-04	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.62E-05	9.49E-06
4379	623868.16	4265175.45	2.98E-04	1.03E-04	2.49E-04	7.68E-05	5.91E-05	1.97E-05	4.61E-05	9.47E-06
4380	623881.06	4265162.9	3.01E-04	1.03E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.64E-05	9.55E-06
4381	623890.11	4265159.3	3.04E-04	1.05E-04	2.54E-04	7.83E-05	6.02E-05	2.00E-05	4.69E-05	9.65E-06
4382	623899.16	4265155.7	3.07E-04	1.06E-04	2.57E-04	7.92E-05	6.09E-05	2.03E-05	4.74E-05	9.76E-06
4383	623908.21	4265152.1	3.11E-04	1.07E-04	2.60E-04	8.00E-05	6.15E-05	2.05E-05	4.80E-05	9.87E-06
4384	623917.25	4265148.5	3.15E-04	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.85E-05	9.98E-06
4385	623926.3	4265144.9	3.18E-04	1.09E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
4386	623935.35	4265141.3	3.22E-04	1.11E-04	2.69E-04	8.29E-05	6.38E-05	2.12E-05	4.97E-05	1.02E-05
4387	623944.4	4265137.7	3.26E-04	1.12E-04	2.72E-04	8.39E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
4388	623953.45	4265134.1	3.30E-04	1.13E-04	2.76E-04	8.49E-05	6.52E-05	2.17E-05	5.09E-05	1.05E-05
4389	623962.49	4265130.5	3.33E-04	1.15E-04	2.79E-04	8.58E-05	6.60E-05	2.20E-05	5.15E-05	1.06E-05
4390	623971.54	4265126.9	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.68E-05	2.22E-05	5.21E-05	1.07E-05
4391	623980.59	4265123.3	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
4392	623989.64	4265119.7	3.45E-04	1.19E-04	2.88E-04	8.88E-05	6.83E-05	2.27E-05	5.32E-05	1.10E-05
4393	623998.68	4265116.1	3.49E-04	1.20E-04	2.92E-04	8.98E-05	6.91E-05	2.30E-05	5.38E-05	1.11E-05
4394	624007.73	4265112.5	3.53E-04	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05	1.12E-05
4395	624016.78	4265108.9	3.56E-04	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05	1.13E-05

4396	624025.83	4265105.3	3.60E-04	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.56E-05	1.14E-05
4397	624034.87	4265101.7	3.64E-04	1.25E-04	3.04E-04	9.36E-05	7.20E-05	2.40E-05	5.61E-05	1.15E-05
4398	624043.92	4265098.1	3.67E-04	1.26E-04	3.07E-04	9.45E-05	7.27E-05	2.42E-05	5.66E-05	1.16E-05
4399	624052.97	4265094.5	3.70E-04	1.27E-04	3.10E-04	9.54E-05	7.33E-05	2.44E-05	5.72E-05	1.18E-05
4400	624062.02	4265090.9	3.73E-04	1.28E-04	3.12E-04	9.62E-05	7.39E-05	2.46E-05	5.76E-05	1.19E-05
4401	624071.06	4265087.3	3.76E-04	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
4402	624080.11	4265083.7	3.79E-04	1.30E-04	3.17E-04	9.76E-05	7.50E-05	2.50E-05	5.85E-05	1.20E-05
4403	624089.16	4265080.1	3.82E-04	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.89E-05	1.21E-05
4404	624098.21	4265076.51	3.84E-04	1.32E-04	3.21E-04	9.88E-05	7.60E-05	2.53E-05	5.92E-05	1.22E-05
4405	624107.25	4265072.91	3.86E-04	1.33E-04	3.22E-04	9.93E-05	7.63E-05	2.54E-05	5.95E-05	1.22E-05
4406	624116.3	4265069.31	3.87E-04	1.33E-04	3.24E-04	9.97E-05	7.67E-05	2.55E-05	5.98E-05	1.23E-05
4407	624125.35	4265065.71	3.89E-04	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	6.00E-05	1.23E-05
4408	624134.4	4265062.11	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.01E-05	1.24E-05
4409	624143.45	4265058.51	3.91E-04	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
4410	624152.49	4265054.91	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.03E-05	1.24E-05
4411	624161.54	4265051.31	3.92E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
4412	624170.59	4265047.71	3.92E-04	1.35E-04	3.27E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05	1.24E-05
4413	624179.64	4265044.11	3.92E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
4414	624188.68	4265040.51	3.91E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
4415	624197.73	4265036.91	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.03E-05	1.24E-05
4416	624206.78	4265033.31	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
4417	624215.83	4265029.71	3.90E-04	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
4418	624224.87	4265026.11	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
4419	624233.92	4265022.51	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
4420	624242.97	4265018.91	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
4421	624252.02	4265015.31	3.90E-04	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.02E-05	1.24E-05
4422	624261.06	4265011.71	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
4423	624270.11	4265008.11	3.91E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
4424	624279.16	4265004.51	3.92E-04	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05	1.24E-05
4425	624288.21	4265000.91	3.93E-04	1.35E-04	3.28E-04	1.01E-04	7.78E-05	2.59E-05	6.06E-05	1.25E-05
4426	624297.25	4264997.31	3.94E-04	1.35E-04	3.29E-04	1.01E-04	7.80E-05	2.60E-05	6.08E-05	1.25E-05
4427	624306.3	4264993.71	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.10E-05	1.25E-05
4428	624315.35	4264990.11	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05	1.26E-05
4429	624324.4	4264986.51	3.98E-04	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.13E-05	1.26E-05
4430	624333.45	4264982.91	3.99E-04	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05	1.27E-05
4431	624342.49	4264979.31	4.01E-04	1.38E-04	3.35E-04	1.03E-04	7.93E-05	2.64E-05	6.18E-05	1.27E-05
4432	624351.54	4264975.71	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
4433	624360.59	4264972.11	4.04E-04	1.39E-04	3.38E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
4434	623660	4265658.31	3.08E-04	1.06E-04	2.57E-04	7.93E-05	6.10E-05	2.03E-05	4.75E-05	9.77E-06
4435	623659.86	4265668.21	3.10E-04	1.06E-04	2.59E-04	7.97E-05	6.13E-05	2.04E-05	4.78E-05	9.82E-06
4436	623659.72	4265678.1	3.11E-04	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05	9.87E-06
4437	623659.57	4265687.99	3.13E-04	1.07E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.82E-05	9.92E-06
4438	623659.43	4265697.88	3.14E-04	1.08E-04	2.62E-04	8.08E-05	6.21E-05	2.07E-05	4.84E-05	9.96E-06
4439	623659.29	4265707.78	3.15E-04	1.08E-04	2.64E-04	8.12E-05	6.24E-05	2.08E-05	4.86E-05	1.00E-05
4440	623659.14	4265717.67	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.88E-05	1.00E-05
4441	623659	4265727.56	3.18E-04	1.09E-04	2.66E-04	8.18E-05	6.29E-05	2.09E-05	4.90E-05	1.01E-05
4442	623658.86	4265737.45	3.19E-04	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.92E-05	1.01E-05
4443	623658.72	4265747.35	3.20E-04	1.10E-04	2.68E-04	8.25E-05	6.34E-05	2.11E-05	4.94E-05	1.02E-05
4444	623658.57	4265757.24	3.22E-04	1.11E-04	2.69E-04	8.28E-05	6.37E-05	2.12E-05	4.96E-05	1.02E-05
4445	623658.43	4265767.13	3.23E-04	1.11E-04	2.70E-04	8.32E-05	6.39E-05	2.13E-05	4.98E-05	1.02E-05
4446	623658.29	4265777.02	3.24E-04	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.00E-05	1.03E-05
4447	623658.14	4265786.92	3.26E-04	1.12E-04	2.72E-04	8.39E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
4448	623658	4265796.81	3.27E-04	1.13E-04	2.74E-04	8.43E-05	6.48E-05	2.16E-05	5.05E-05	1.04E-05

4449	623657.86	4265806.7	3.29E-04	1.13E-04	2.75E-04	8.48E-05	6.52E-05	2.17E-05	5.08E-05	1.04E-05
4450	623657.71	4265816.59	3.31E-04	1.14E-04	2.77E-04	8.52E-05	6.55E-05	2.18E-05	5.11E-05	1.05E-05
4451	623657.57	4265826.49	3.33E-04	1.15E-04	2.78E-04	8.58E-05	6.59E-05	2.20E-05	5.14E-05	1.06E-05
4452	623657.43	4265836.38	3.35E-04	1.15E-04	2.80E-04	8.64E-05	6.64E-05	2.21E-05	5.18E-05	1.06E-05
4453	623657.28	4265846.27	3.38E-04	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05	1.07E-05
4454	623657.14	4265856.16	3.41E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
4455	623657	4265866.06	3.43E-04	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
4456	623656.85	4265875.95	3.46E-04	1.19E-04	2.90E-04	8.92E-05	6.86E-05	2.28E-05	5.35E-05	1.10E-05
4457	623656.71	4265885.84	3.50E-04	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.40E-05	1.11E-05
4458	623656.57	4265895.73	3.53E-04	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
4459	623656.43	4265905.63	3.56E-04	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05	1.13E-05
4460	623656.28	4265915.52	3.60E-04	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.55E-05	1.14E-05
4461	623656.14	4265925.41	3.64E-04	1.25E-04	3.04E-04	9.36E-05	7.20E-05	2.40E-05	5.61E-05	1.15E-05
4462	623656	4265935.3	3.67E-04	1.26E-04	3.07E-04	9.45E-05	7.27E-05	2.42E-05	5.67E-05	1.17E-05
4463	623655.85	4265945.2	3.71E-04	1.27E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.72E-05	1.18E-05
4464	623655.71	4265955.09	3.74E-04	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
4465	623655.57	4265964.98	3.78E-04	1.30E-04	3.16E-04	9.72E-05	7.48E-05	2.49E-05	5.83E-05	1.20E-05
4466	623655.42	4265974.87	3.81E-04	1.31E-04	3.18E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
4467	623638.18	4265475.55	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
4468	623642.08	4265466.49	2.71E-04	9.34E-05	2.27E-04	6.99E-05	5.37E-05	1.79E-05	4.19E-05	8.62E-06
4469	623645.99	4265457.42	2.72E-04	9.36E-05	2.28E-04	7.01E-05	5.39E-05	1.79E-05	4.20E-05	8.64E-06
4470	623649.9	4265448.36	2.73E-04	9.38E-05	2.28E-04	7.03E-05	5.40E-05	1.80E-05	4.21E-05	8.66E-06
4471	623653.81	4265439.29	2.74E-04	9.41E-05	2.29E-04	7.04E-05	5.42E-05	1.80E-05	4.22E-05	8.68E-06
4472	623657.72	4265430.23	2.74E-04	9.43E-05	2.29E-04	7.06E-05	5.43E-05	1.81E-05	4.23E-05	8.70E-06
4473	623661.62	4265421.16	2.75E-04	9.45E-05	2.30E-04	7.08E-05	5.44E-05	1.81E-05	4.24E-05	8.72E-06
4474	623665.53	4265412.09	2.76E-04	9.48E-05	2.30E-04	7.09E-05	5.45E-05	1.82E-05	4.25E-05	8.74E-06
4475	623669.44	4265403.03	2.76E-04	9.50E-05	2.31E-04	7.11E-05	5.47E-05	1.82E-05	4.26E-05	8.77E-06
4476	623673.35	4265393.96	2.77E-04	9.52E-05	2.31E-04	7.13E-05	5.48E-05	1.82E-05	4.27E-05	8.79E-06
4477	623677.26	4265384.9	2.77E-04	9.54E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05	8.80E-06
4478	623681.16	4265375.83	2.78E-04	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.29E-05	8.82E-06
4479	623685.07	4265366.77	2.78E-04	9.56E-05	2.32E-04	7.16E-05	5.50E-05	1.83E-05	4.29E-05	8.83E-06
4480	623688.98	4265357.7	2.78E-04	9.57E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.29E-05	8.83E-06
4481	623692.89	4265348.64	2.78E-04	9.58E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.30E-05	8.84E-06
4482	623696.8	4265339.57	2.78E-04	9.57E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.30E-05	8.84E-06
4483	623700.7	4265330.5	2.78E-04	9.57E-05	2.32E-04	7.16E-05	5.51E-05	1.83E-05	4.29E-05	8.83E-06
4484	623704.61	4265321.44	2.78E-04	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.29E-05	8.82E-06
4485	623708.52	4265312.37	2.77E-04	9.54E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05	8.80E-06
4486	623712.43	4265303.31	2.77E-04	9.52E-05	2.31E-04	7.13E-05	5.48E-05	1.82E-05	4.27E-05	8.78E-06
4487	623716.34	4265294.24	2.76E-04	9.49E-05	2.31E-04	7.11E-05	5.46E-05	1.82E-05	4.26E-05	8.76E-06
4488	623720.25	4265285.18	2.75E-04	9.46E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05	8.73E-06
4489	623724.15	4265276.11	2.74E-04	9.43E-05	2.29E-04	7.06E-05	5.43E-05	1.81E-05	4.23E-05	8.70E-06
4490	623728.06	4265267.04	2.73E-04	9.40E-05	2.28E-04	7.03E-05	5.41E-05	1.80E-05	4.22E-05	8.67E-06
4491	623731.97	4265257.98	2.72E-04	9.36E-05	2.27E-04	7.01E-05	5.39E-05	1.79E-05	4.20E-05	8.64E-06
4492	623735.88	4265248.91	2.71E-04	9.32E-05	2.26E-04	6.98E-05	5.36E-05	1.79E-05	4.18E-05	8.60E-06
4493	623739.79	4265239.85	2.70E-04	9.28E-05	2.25E-04	6.94E-05	5.34E-05	1.78E-05	4.16E-05	8.56E-06
4494	623743.69	4265230.78	2.68E-04	9.23E-05	2.24E-04	6.91E-05	5.31E-05	1.77E-05	4.14E-05	8.52E-06
4495	623747.6	4265221.72	2.67E-04	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.12E-05	8.48E-06
4496	623751.51	4265212.65	2.66E-04	9.15E-05	2.22E-04	6.85E-05	5.27E-05	1.75E-05	4.10E-05	8.44E-06
4497	623755.42	4265203.59	2.65E-04	9.11E-05	2.21E-04	6.82E-05	5.24E-05	1.74E-05	4.09E-05	8.40E-06
4498	623759.33	4265194.52	2.64E-04	9.07E-05	2.20E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05	8.37E-06
4499	623763.23	4265185.45	2.63E-04	9.03E-05	2.20E-04	6.76E-05	5.20E-05	1.73E-05	4.05E-05	8.33E-06
4500	623767.14	4265176.39	2.62E-04	8.99E-05	2.19E-04	6.73E-05	5.18E-05	1.72E-05	4.04E-05	8.30E-06
4501	623771.05	4265167.32	2.61E-04	8.96E-05	2.18E-04	6.71E-05	5.16E-05	1.72E-05	4.02E-05	8.27E-06

4502	623774.96	4265158.26	2.60E-04	8.93E-05	2.17E-04	6.69E-05	5.14E-05	1.71E-05	4.01E-05	8.24E-06
4503	623778.87	4265149.19	2.59E-04	8.90E-05	2.16E-04	6.67E-05	5.12E-05	1.71E-05	4.00E-05	8.22E-06
4504	623782.77	4265140.13	2.58E-04	8.88E-05	2.16E-04	6.65E-05	5.11E-05	1.70E-05	3.98E-05	8.19E-06
4505	623786.68	4265131.06	2.57E-04	8.85E-05	2.15E-04	6.63E-05	5.10E-05	1.70E-05	3.97E-05	8.17E-06
4506	623790.59	4265121.99	2.57E-04	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05	8.15E-06
4507	623794.5	4265112.93	2.56E-04	8.81E-05	2.14E-04	6.60E-05	5.07E-05	1.69E-05	3.95E-05	8.13E-06
4508	623798.41	4265103.86	2.56E-04	8.80E-05	2.14E-04	6.59E-05	5.06E-05	1.69E-05	3.95E-05	8.12E-06
4509	623811.49	4265091.15	2.58E-04	8.87E-05	2.16E-04	6.64E-05	5.11E-05	1.70E-05	3.98E-05	8.19E-06
4510	623820.66	4265087.5	2.61E-04	8.96E-05	2.18E-04	6.71E-05	5.16E-05	1.72E-05	4.02E-05	8.27E-06
4511	623829.83	4265083.85	2.63E-04	9.06E-05	2.20E-04	6.78E-05	5.21E-05	1.73E-05	4.06E-05	8.36E-06
4512	623839.01	4265080.2	2.66E-04	9.15E-05	2.22E-04	6.85E-05	5.27E-05	1.75E-05	4.11E-05	8.45E-06
4513	623848.18	4265076.55	2.69E-04	9.25E-05	2.25E-04	6.93E-05	5.32E-05	1.77E-05	4.15E-05	8.54E-06
4514	623857.35	4265072.9	2.72E-04	9.35E-05	2.27E-04	7.00E-05	5.38E-05	1.79E-05	4.20E-05	8.63E-06
4515	623866.52	4265069.25	2.75E-04	9.46E-05	2.30E-04	7.08E-05	5.44E-05	1.81E-05	4.24E-05	8.73E-06
4516	623875.7	4265065.6	2.78E-04	9.56E-05	2.32E-04	7.16E-05	5.50E-05	1.83E-05	4.29E-05	8.82E-06
4517	623884.87	4265061.95	2.81E-04	9.67E-05	2.35E-04	7.24E-05	5.57E-05	1.85E-05	4.34E-05	8.92E-06
4518	623894.04	4265058.3	2.84E-04	9.78E-05	2.38E-04	7.32E-05	5.63E-05	1.87E-05	4.39E-05	9.02E-06
4519	623903.21	4265054.65	2.88E-04	9.89E-05	2.40E-04	7.40E-05	5.69E-05	1.89E-05	4.44E-05	9.13E-06
4520	623912.39	4265051	2.91E-04	1.00E-04	2.43E-04	7.49E-05	5.76E-05	1.92E-05	4.49E-05	9.23E-06
4521	623921.56	4265047.35	2.94E-04	1.01E-04	2.46E-04	7.57E-05	5.82E-05	1.94E-05	4.54E-05	9.33E-06
4522	623930.73	4265043.7	2.97E-04	1.02E-04	2.49E-04	7.66E-05	5.89E-05	1.96E-05	4.59E-05	9.44E-06
4523	623939.91	4265040.05	3.01E-04	1.03E-04	2.51E-04	7.74E-05	5.95E-05	1.98E-05	4.64E-05	9.54E-06
4524	623949.08	4265036.4	3.04E-04	1.05E-04	2.54E-04	7.83E-05	6.02E-05	2.00E-05	4.69E-05	9.65E-06
4525	623958.25	4265032.75	3.08E-04	1.06E-04	2.57E-04	7.92E-05	6.09E-05	2.03E-05	4.74E-05	9.76E-06
4526	623967.42	4265029.1	3.11E-04	1.07E-04	2.60E-04	8.00E-05	6.15E-05	2.05E-05	4.80E-05	9.86E-06
4527	623976.6	4265025.45	3.14E-04	1.08E-04	2.62E-04	8.08E-05	6.21E-05	2.07E-05	4.84E-05	9.96E-06
4528	623985.77	4265021.8	3.17E-04	1.09E-04	2.65E-04	8.16E-05	6.27E-05	2.09E-05	4.89E-05	1.01E-05
4529	623994.94	4265018.15	3.20E-04	1.10E-04	2.67E-04	8.24E-05	6.33E-05	2.11E-05	4.94E-05	1.02E-05
4530	624004.11	4265014.5	3.23E-04	1.11E-04	2.70E-04	8.31E-05	6.39E-05	2.13E-05	4.98E-05	1.02E-05
4531	624013.29	4265010.85	3.25E-04	1.12E-04	2.72E-04	8.38E-05	6.44E-05	2.14E-05	5.02E-05	1.03E-05
4532	624022.46	4265007.21	3.28E-04	1.13E-04	2.74E-04	8.45E-05	6.49E-05	2.16E-05	5.06E-05	1.04E-05
4533	624031.63	4265003.56	3.30E-04	1.14E-04	2.76E-04	8.51E-05	6.54E-05	2.18E-05	5.10E-05	1.05E-05
4534	624040.8	4264999.91	3.33E-04	1.14E-04	2.78E-04	8.56E-05	6.58E-05	2.19E-05	5.13E-05	1.06E-05
4535	624049.98	4264996.26	3.35E-04	1.15E-04	2.80E-04	8.62E-05	6.63E-05	2.21E-05	5.16E-05	1.06E-05
4536	624059.15	4264992.61	3.37E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
4537	624068.32	4264988.96	3.38E-04	1.16E-04	2.83E-04	8.70E-05	6.69E-05	2.23E-05	5.22E-05	1.07E-05
4538	624077.5	4264985.31	3.39E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
4539	624086.67	4264981.66	3.40E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
4540	624095.84	4264978.01	3.41E-04	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
4541	624105.01	4264974.36	3.42E-04	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.27E-05	1.08E-05
4542	624114.19	4264970.71	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4543	624123.36	4264967.06	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4544	624132.53	4264963.41	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4545	624141.7	4264959.76	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4546	624150.88	4264956.11	3.42E-04	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
4547	624160.05	4264952.46	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
4548	624169.22	4264948.81	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
4549	624178.4	4264945.16	3.39E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
4550	624187.57	4264941.51	3.39E-04	1.16E-04	2.83E-04	8.72E-05	6.70E-05	2.23E-05	5.22E-05	1.07E-05
4551	624196.74	4264937.86	3.38E-04	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05	1.07E-05
4552	624205.91	4264934.21	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.68E-05	2.22E-05	5.20E-05	1.07E-05
4553	624215.09	4264930.56	3.37E-04	1.16E-04	2.81E-04	8.67E-05	6.66E-05	2.22E-05	5.20E-05	1.07E-05
4554	624224.26	4264926.91	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05

4555	624233.43	4264923.26	3.36E-04	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.19E-05	1.07E-05
4556	624242.6	4264919.61	3.36E-04	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.19E-05	1.07E-05
4557	624251.78	4264915.96	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.65E-05	2.21E-05	5.19E-05	1.07E-05
4558	624260.95	4264912.31	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
4559	624270.12	4264908.66	3.37E-04	1.16E-04	2.82E-04	8.67E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
4560	624279.3	4264905.01	3.37E-04	1.16E-04	2.82E-04	8.69E-05	6.68E-05	2.22E-05	5.21E-05	1.07E-05
4561	624288.47	4264901.36	3.38E-04	1.16E-04	2.83E-04	8.71E-05	6.69E-05	2.23E-05	5.22E-05	1.07E-05
4562	624297.64	4264897.71	3.39E-04	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
4563	624306.81	4264894.06	3.40E-04	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05	1.08E-05
4564	624315.99	4264890.42	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
4565	624325.16	4264886.77	3.42E-04	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
4566	624334.33	4264883.12	3.43E-04	1.18E-04	2.87E-04	8.84E-05	6.79E-05	2.26E-05	5.30E-05	1.09E-05
4567	624343.5	4264879.47	3.45E-04	1.19E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05	1.09E-05
4568	624352.68	4264875.82	3.46E-04	1.19E-04	2.89E-04	8.91E-05	6.85E-05	2.28E-05	5.34E-05	1.10E-05
4569	624361.85	4264872.17	3.47E-04	1.19E-04	2.90E-04	8.94E-05	6.87E-05	2.29E-05	5.36E-05	1.10E-05
4570	623666.41	4265176.66	2.35E-04	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.62E-05	7.45E-06
4571	623670.31	4265167.62	2.34E-04	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06
4572	623674.2	4265158.59	2.33E-04	8.00E-05	1.94E-04	5.99E-05	4.60E-05	1.53E-05	3.59E-05	7.38E-06
4573	623678.1	4265149.56	2.31E-04	7.96E-05	1.93E-04	5.96E-05	4.58E-05	1.52E-05	3.57E-05	7.34E-06
4574	623681.99	4265140.52	2.30E-04	7.92E-05	1.93E-04	5.93E-05	4.56E-05	1.52E-05	3.55E-05	7.31E-06
4575	623685.88	4265131.49	2.29E-04	7.89E-05	1.92E-04	5.90E-05	4.54E-05	1.51E-05	3.54E-05	7.28E-06
4576	623689.78	4265122.46	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.25E-06
4577	623693.67	4265113.43	2.27E-04	7.82E-05	1.90E-04	5.85E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
4578	623697.57	4265104.39	2.26E-04	7.79E-05	1.89E-04	5.83E-05	4.48E-05	1.49E-05	3.49E-05	7.19E-06
4579	623701.46	4265095.36	2.26E-04	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05	7.16E-06
4580	623705.35	4265086.33	2.25E-04	7.73E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05	7.14E-06
4581	623709.25	4265077.29	2.24E-04	7.71E-05	1.87E-04	5.77E-05	4.44E-05	1.48E-05	3.46E-05	7.11E-06
4582	623713.14	4265068.26	2.24E-04	7.69E-05	1.87E-04	5.76E-05	4.43E-05	1.47E-05	3.45E-05	7.10E-06
4583	623717.04	4265059.23	2.23E-04	7.67E-05	1.86E-04	5.74E-05	4.42E-05	1.47E-05	3.44E-05	7.08E-06
4584	623720.93	4265050.19	2.23E-04	7.66E-05	1.86E-04	5.73E-05	4.41E-05	1.47E-05	3.44E-05	7.07E-06
4585	623724.82	4265041.16	2.22E-04	7.64E-05	1.86E-04	5.72E-05	4.40E-05	1.46E-05	3.43E-05	7.05E-06
4586	623728.72	4265032.13	2.22E-04	7.63E-05	1.86E-04	5.71E-05	4.39E-05	1.46E-05	3.43E-05	7.04E-06
4587	623741.75	4265019.46	2.24E-04	7.70E-05	1.87E-04	5.76E-05	4.43E-05	1.47E-05	3.45E-05	7.10E-06
4588	623750.89	4265015.82	2.26E-04	7.77E-05	1.89E-04	5.82E-05	4.47E-05	1.49E-05	3.49E-05	7.17E-06
4589	623760.03	4265012.18	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.25E-06
4590	623769.17	4265008.55	2.31E-04	7.94E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05	7.32E-06
4591	623778.31	4265004.91	2.33E-04	8.02E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05	7.40E-06
4592	623787.45	4265001.27	2.36E-04	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05	7.48E-06
4593	623796.59	4264997.64	2.38E-04	8.20E-05	1.99E-04	6.14E-05	4.72E-05	1.57E-05	3.68E-05	7.56E-06
4594	623805.73	4264994	2.41E-04	8.28E-05	2.01E-04	6.20E-05	4.77E-05	1.59E-05	3.72E-05	7.64E-06
4595	623814.87	4264990.36	2.43E-04	8.37E-05	2.04E-04	6.27E-05	4.82E-05	1.60E-05	3.76E-05	7.73E-06
4596	623824.01	4264986.73	2.46E-04	8.46E-05	2.06E-04	6.34E-05	4.87E-05	1.62E-05	3.80E-05	7.81E-06
4597	623833.15	4264983.09	2.49E-04	8.56E-05	2.08E-04	6.41E-05	4.92E-05	1.64E-05	3.84E-05	7.90E-06
4598	623842.29	4264979.45	2.52E-04	8.65E-05	2.10E-04	6.48E-05	4.98E-05	1.66E-05	3.88E-05	7.98E-06
4599	623851.43	4264975.82	2.54E-04	8.74E-05	2.12E-04	6.54E-05	5.03E-05	1.67E-05	3.92E-05	8.07E-06
4600	623860.57	4264972.18	2.57E-04	8.83E-05	2.15E-04	6.61E-05	5.09E-05	1.69E-05	3.96E-05	8.15E-06
4601	623869.71	4264968.54	2.60E-04	8.93E-05	2.17E-04	6.69E-05	5.14E-05	1.71E-05	4.01E-05	8.24E-06
4602	623878.85	4264964.91	2.62E-04	9.02E-05	2.19E-04	6.76E-05	5.19E-05	1.73E-05	4.05E-05	8.33E-06
4603	623887.99	4264961.27	2.65E-04	9.12E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.09E-05	8.41E-06
4604	623897.13	4264957.63	2.68E-04	9.21E-05	2.24E-04	6.90E-05	5.30E-05	1.76E-05	4.13E-05	8.50E-06
4605	623906.27	4264954	2.71E-04	9.30E-05	2.26E-04	6.97E-05	5.35E-05	1.78E-05	4.17E-05	8.59E-06
4606	623915.41	4264950.36	2.73E-04	9.39E-05	2.28E-04	7.03E-05	5.41E-05	1.80E-05	4.22E-05	8.67E-06
4607	623924.55	4264946.72	2.76E-04	9.48E-05	2.31E-04	7.10E-05	5.46E-05	1.82E-05	4.26E-05	8.75E-06

4608	623933.69	4264943.09	2.78E-04	9.57E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.30E-05	8.83E-06
4609	623942.83	4264939.45	2.81E-04	9.66E-05	2.35E-04	7.23E-05	5.56E-05	1.85E-05	4.34E-05	8.92E-06
4610	623951.97	4264935.81	2.84E-04	9.75E-05	2.37E-04	7.30E-05	5.61E-05	1.87E-05	4.38E-05	9.00E-06
4611	623961.11	4264932.18	2.86E-04	9.84E-05	2.39E-04	7.37E-05	5.66E-05	1.89E-05	4.41E-05	9.08E-06
4612	623970.25	4264928.54	2.88E-04	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05	9.15E-06
4613	623979.39	4264924.9	2.91E-04	9.99E-05	2.43E-04	7.48E-05	5.75E-05	1.91E-05	4.48E-05	9.22E-06
4614	623988.53	4264921.27	2.93E-04	1.01E-04	2.45E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.29E-06
4615	623997.67	4264917.63	2.94E-04	1.01E-04	2.46E-04	7.58E-05	5.83E-05	1.94E-05	4.54E-05	9.35E-06
4616	624006.81	4264913.99	2.96E-04	1.02E-04	2.48E-04	7.63E-05	5.86E-05	1.95E-05	4.57E-05	9.40E-06
4617	624015.95	4264910.36	2.98E-04	1.02E-04	2.49E-04	7.67E-05	5.89E-05	1.96E-05	4.59E-05	9.45E-06
4618	624025.09	4264906.72	2.99E-04	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.62E-05	9.49E-06
4619	624034.23	4264903.08	3.00E-04	1.03E-04	2.51E-04	7.73E-05	5.94E-05	1.98E-05	4.63E-05	9.53E-06
4620	624043.37	4264899.45	3.01E-04	1.04E-04	2.52E-04	7.76E-05	5.96E-05	1.99E-05	4.65E-05	9.56E-06
4621	624052.51	4264895.81	3.02E-04	1.04E-04	2.52E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
4622	624061.65	4264892.17	3.03E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
4623	624070.79	4264888.54	3.03E-04	1.04E-04	2.53E-04	7.80E-05	5.99E-05	2.00E-05	4.67E-05	9.61E-06
4624	624079.93	4264884.9	3.03E-04	1.04E-04	2.53E-04	7.80E-05	6.00E-05	2.00E-05	4.67E-05	9.61E-06
4625	624089.07	4264881.26	3.03E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.61E-06
4626	624098.21	4264877.63	3.02E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
4627	624107.35	4264873.99	3.02E-04	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.66E-05	9.58E-06
4628	624116.49	4264870.35	3.01E-04	1.04E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.65E-05	9.56E-06
4629	624125.63	4264866.72	3.01E-04	1.03E-04	2.51E-04	7.74E-05	5.95E-05	1.98E-05	4.64E-05	9.54E-06
4630	624134.77	4264863.08	3.00E-04	1.03E-04	2.51E-04	7.72E-05	5.93E-05	1.98E-05	4.63E-05	9.51E-06
4631	624143.91	4264859.44	2.99E-04	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.61E-05	9.49E-06
4632	624153.05	4264855.81	2.98E-04	1.02E-04	2.49E-04	7.67E-05	5.90E-05	1.96E-05	4.60E-05	9.46E-06
4633	624162.19	4264852.17	2.97E-04	1.02E-04	2.48E-04	7.65E-05	5.88E-05	1.96E-05	4.58E-05	9.42E-06
4634	624171.33	4264848.53	2.96E-04	1.02E-04	2.47E-04	7.62E-05	5.86E-05	1.95E-05	4.57E-05	9.39E-06
4635	624180.47	4264844.9	2.95E-04	1.01E-04	2.47E-04	7.60E-05	5.84E-05	1.94E-05	4.55E-05	9.37E-06
4636	624189.61	4264841.26	2.94E-04	1.01E-04	2.46E-04	7.58E-05	5.83E-05	1.94E-05	4.54E-05	9.34E-06
4637	624198.75	4264837.62	2.94E-04	1.01E-04	2.45E-04	7.56E-05	5.81E-05	1.93E-05	4.53E-05	9.32E-06
4638	624207.89	4264833.99	2.93E-04	1.01E-04	2.45E-04	7.55E-05	5.80E-05	1.93E-05	4.52E-05	9.30E-06
4639	624217.03	4264830.35	2.93E-04	1.01E-04	2.45E-04	7.54E-05	5.79E-05	1.93E-05	4.52E-05	9.29E-06
4640	624226.17	4264826.71	2.92E-04	1.01E-04	2.44E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.28E-06
4641	624235.31	4264823.08	2.92E-04	1.01E-04	2.44E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.28E-06
4642	624244.45	4264819.44	2.92E-04	1.01E-04	2.44E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.28E-06
4643	624253.59	4264815.8	2.93E-04	1.01E-04	2.45E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.28E-06
4644	624262.73	4264812.17	2.93E-04	1.01E-04	2.45E-04	7.54E-05	5.80E-05	1.93E-05	4.52E-05	9.29E-06
4645	624271.87	4264808.53	2.93E-04	1.01E-04	2.45E-04	7.55E-05	5.81E-05	1.93E-05	4.53E-05	9.31E-06
4646	624281.01	4264804.89	2.94E-04	1.01E-04	2.46E-04	7.57E-05	5.82E-05	1.94E-05	4.53E-05	9.33E-06
4647	624290.15	4264801.26	2.95E-04	1.01E-04	2.46E-04	7.58E-05	5.83E-05	1.94E-05	4.54E-05	9.35E-06
4648	624299.29	4264797.62	2.95E-04	1.02E-04	2.47E-04	7.60E-05	5.85E-05	1.95E-05	4.56E-05	9.37E-06
4649	624308.43	4264793.98	2.96E-04	1.02E-04	2.47E-04	7.62E-05	5.86E-05	1.95E-05	4.57E-05	9.40E-06
4650	624317.57	4264790.35	2.97E-04	1.02E-04	2.48E-04	7.65E-05	5.88E-05	1.96E-05	4.58E-05	9.43E-06
4651	624326.71	4264786.71	2.98E-04	1.02E-04	2.49E-04	7.67E-05	5.90E-05	1.96E-05	4.60E-05	9.46E-06
4652	624335.85	4264783.07	2.99E-04	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.61E-05	9.49E-06
4653	624344.99	4264779.44	3.00E-04	1.03E-04	2.51E-04	7.72E-05	5.94E-05	1.98E-05	4.63E-05	9.52E-06
4654	624354.13	4264775.8	3.01E-04	1.04E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.65E-05	9.56E-06
4655	624363.27	4264772.16	3.02E-04	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
4656	623690.25	4264940.51	2.01E-04	6.90E-05	1.68E-04	5.17E-05	3.97E-05	1.32E-05	3.10E-05	6.37E-06
4657	623699.37	4264936.88	2.03E-04	6.97E-05	1.69E-04	5.22E-05	4.01E-05	1.33E-05	3.13E-05	6.43E-06
4658	623708.48	4264933.26	2.05E-04	7.04E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05	6.49E-06
4659	623717.59	4264929.63	2.07E-04	7.11E-05	1.73E-04	5.32E-05	4.09E-05	1.36E-05	3.19E-05	6.56E-06
4660	623726.71	4264926	2.09E-04	7.18E-05	1.75E-04	5.37E-05	4.13E-05	1.38E-05	3.22E-05	6.63E-06

4661	623735.82	4264922.38	2.11E-04	7.25E-05	1.76E-04	5.43E-05	4.17E-05	1.39E-05	3.25E-05	6.69E-06
4662	623744.94	4264918.75	2.13E-04	7.33E-05	1.78E-04	5.49E-05	4.22E-05	1.40E-05	3.29E-05	6.76E-06
4663	623754.05	4264915.12	2.15E-04	7.40E-05	1.80E-04	5.54E-05	4.26E-05	1.42E-05	3.32E-05	6.83E-06
4664	623763.16	4264911.5	2.18E-04	7.49E-05	1.82E-04	5.61E-05	4.31E-05	1.43E-05	3.36E-05	6.91E-06
4665	623772.28	4264907.87	2.20E-04	7.57E-05	1.84E-04	5.67E-05	4.36E-05	1.45E-05	3.40E-05	6.99E-06
4666	623781.39	4264904.25	2.23E-04	7.65E-05	1.86E-04	5.73E-05	4.40E-05	1.47E-05	3.43E-05	7.06E-06
4667	623790.51	4264900.62	2.25E-04	7.73E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05	7.14E-06
4668	623799.62	4264896.99	2.27E-04	7.81E-05	1.90E-04	5.85E-05	4.50E-05	1.50E-05	3.51E-05	7.21E-06
4669	623808.73	4264893.37	2.29E-04	7.89E-05	1.92E-04	5.91E-05	4.54E-05	1.51E-05	3.54E-05	7.28E-06
4670	623817.85	4264889.74	2.32E-04	7.97E-05	1.94E-04	5.97E-05	4.59E-05	1.53E-05	3.58E-05	7.36E-06
4671	623826.96	4264886.11	2.34E-04	8.05E-05	1.96E-04	6.03E-05	4.63E-05	1.54E-05	3.61E-05	7.43E-06
4672	623836.08	4264882.49	2.36E-04	8.13E-05	1.98E-04	6.09E-05	4.68E-05	1.56E-05	3.65E-05	7.50E-06
4673	623845.19	4264878.86	2.39E-04	8.21E-05	1.99E-04	6.14E-05	4.72E-05	1.57E-05	3.68E-05	7.57E-06
4674	623854.3	4264875.24	2.41E-04	8.28E-05	2.01E-04	6.20E-05	4.77E-05	1.59E-05	3.72E-05	7.65E-06
4675	623863.42	4264871.61	2.43E-04	8.36E-05	2.03E-04	6.26E-05	4.81E-05	1.60E-05	3.75E-05	7.72E-06
4676	623872.53	4264867.98	2.45E-04	8.44E-05	2.05E-04	6.32E-05	4.86E-05	1.62E-05	3.79E-05	7.79E-06
4677	623881.64	4264864.36	2.48E-04	8.51E-05	2.07E-04	6.37E-05	4.90E-05	1.63E-05	3.82E-05	7.86E-06
4678	623890.76	4264860.73	2.50E-04	8.58E-05	2.09E-04	6.43E-05	4.94E-05	1.64E-05	3.85E-05	7.92E-06
4679	623899.87	4264857.1	2.52E-04	8.66E-05	2.10E-04	6.48E-05	4.98E-05	1.66E-05	3.88E-05	7.99E-06
4680	623908.99	4264853.48	2.54E-04	8.72E-05	2.12E-04	6.53E-05	5.02E-05	1.67E-05	3.91E-05	8.05E-06
4681	623918.1	4264849.85	2.56E-04	8.79E-05	2.14E-04	6.58E-05	5.06E-05	1.68E-05	3.94E-05	8.11E-06
4682	623927.21	4264846.22	2.58E-04	8.86E-05	2.15E-04	6.63E-05	5.10E-05	1.70E-05	3.97E-05	8.17E-06
4683	623936.33	4264842.6	2.59E-04	8.92E-05	2.17E-04	6.68E-05	5.13E-05	1.71E-05	4.00E-05	8.23E-06
4684	623945.44	4264838.97	2.61E-04	8.98E-05	2.18E-04	6.73E-05	5.17E-05	1.72E-05	4.03E-05	8.29E-06
4685	623954.56	4264835.35	2.63E-04	9.04E-05	2.20E-04	6.77E-05	5.21E-05	1.73E-05	4.06E-05	8.35E-06
4686	623963.67	4264831.72	2.65E-04	9.10E-05	2.21E-04	6.81E-05	5.24E-05	1.74E-05	4.08E-05	8.40E-06
4687	623972.78	4264828.09	2.66E-04	9.14E-05	2.22E-04	6.85E-05	5.26E-05	1.75E-05	4.10E-05	8.44E-06
4688	623981.9	4264824.47	2.67E-04	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.12E-05	8.48E-06
4689	623991.01	4264820.84	2.68E-04	9.22E-05	2.24E-04	6.91E-05	5.31E-05	1.77E-05	4.14E-05	8.51E-06
4690	624000.13	4264817.21	2.69E-04	9.25E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
4691	624009.24	4264813.59	2.70E-04	9.28E-05	2.26E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05	8.56E-06
4692	624018.35	4264809.96	2.70E-04	9.30E-05	2.26E-04	6.96E-05	5.35E-05	1.78E-05	4.17E-05	8.58E-06
4693	624027.47	4264806.34	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
4694	624036.58	4264802.71	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
4695	624045.69	4264799.08	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
4696	624054.81	4264795.46	2.71E-04	9.30E-05	2.26E-04	6.97E-05	5.35E-05	1.78E-05	4.17E-05	8.59E-06
4697	624063.92	4264791.83	2.70E-04	9.29E-05	2.26E-04	6.95E-05	5.35E-05	1.78E-05	4.17E-05	8.57E-06
4698	624073.04	4264788.2	2.70E-04	9.27E-05	2.25E-04	6.94E-05	5.34E-05	1.78E-05	4.16E-05	8.55E-06
4699	624082.15	4264784.58	2.69E-04	9.24E-05	2.25E-04	6.92E-05	5.32E-05	1.77E-05	4.15E-05	8.53E-06
4700	624091.26	4264780.95	2.68E-04	9.21E-05	2.24E-04	6.90E-05	5.30E-05	1.77E-05	4.13E-05	8.50E-06
4701	624100.38	4264777.33	2.67E-04	9.18E-05	2.23E-04	6.87E-05	5.28E-05	1.76E-05	4.12E-05	8.47E-06
4702	624109.49	4264773.7	2.66E-04	9.14E-05	2.22E-04	6.85E-05	5.26E-05	1.75E-05	4.10E-05	8.44E-06
4703	624118.61	4264770.07	2.65E-04	9.11E-05	2.21E-04	6.82E-05	5.24E-05	1.75E-05	4.09E-05	8.41E-06
4704	624127.72	4264766.45	2.64E-04	9.08E-05	2.21E-04	6.80E-05	5.22E-05	1.74E-05	4.07E-05	8.38E-06
4705	624136.83	4264762.82	2.63E-04	9.04E-05	2.20E-04	6.77E-05	5.20E-05	1.73E-05	4.06E-05	8.35E-06
4706	624145.95	4264759.19	2.62E-04	9.01E-05	2.19E-04	6.74E-05	5.19E-05	1.73E-05	4.04E-05	8.31E-06
4707	624155.06	4264755.57	2.61E-04	8.97E-05	2.18E-04	6.72E-05	5.17E-05	1.72E-05	4.03E-05	8.28E-06
4708	624164.18	4264751.94	2.60E-04	8.94E-05	2.17E-04	6.69E-05	5.15E-05	1.71E-05	4.01E-05	8.25E-06
4709	624173.29	4264748.31	2.59E-04	8.91E-05	2.17E-04	6.67E-05	5.13E-05	1.71E-05	4.00E-05	8.23E-06
4710	624182.4	4264744.69	2.58E-04	8.89E-05	2.16E-04	6.65E-05	5.12E-05	1.70E-05	3.99E-05	8.20E-06
4711	624191.52	4264741.06	2.58E-04	8.87E-05	2.16E-04	6.64E-05	5.10E-05	1.70E-05	3.98E-05	8.18E-06
4712	624200.63	4264737.44	2.57E-04	8.85E-05	2.15E-04	6.63E-05	5.09E-05	1.70E-05	3.97E-05	8.17E-06
4713	624209.74	4264733.81	2.57E-04	8.84E-05	2.15E-04	6.62E-05	5.09E-05	1.69E-05	3.97E-05	8.16E-06

4714	624218.86	4264730.18	2.57E-04	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05	8.15E-06
4715	624227.97	4264726.56	2.57E-04	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05	8.15E-06
4716	624237.09	4264722.93	2.57E-04	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05	8.15E-06
4717	624246.2	4264719.3	2.57E-04	8.84E-05	2.15E-04	6.62E-05	5.09E-05	1.69E-05	3.96E-05	8.15E-06
4718	624255.31	4264715.68	2.57E-04	8.85E-05	2.15E-04	6.62E-05	5.09E-05	1.69E-05	3.97E-05	8.16E-06
4719	624264.43	4264712.05	2.58E-04	8.86E-05	2.15E-04	6.63E-05	5.10E-05	1.70E-05	3.98E-05	8.18E-06
4720	624273.54	4264708.43	2.58E-04	8.88E-05	2.16E-04	6.65E-05	5.11E-05	1.70E-05	3.98E-05	8.19E-06
4721	624282.66	4264704.8	2.59E-04	8.90E-05	2.16E-04	6.66E-05	5.12E-05	1.70E-05	3.99E-05	8.21E-06
4722	624291.77	4264701.17	2.59E-04	8.92E-05	2.17E-04	6.68E-05	5.13E-05	1.71E-05	4.00E-05	8.23E-06
4723	624300.88	4264697.55	2.60E-04	8.95E-05	2.17E-04	6.70E-05	5.15E-05	1.71E-05	4.01E-05	8.26E-06
4724	624310	4264693.92	2.61E-04	8.98E-05	2.18E-04	6.72E-05	5.17E-05	1.72E-05	4.03E-05	8.28E-06
4725	624319.11	4264690.29	2.62E-04	9.01E-05	2.19E-04	6.74E-05	5.19E-05	1.73E-05	4.04E-05	8.31E-06
4726	624328.23	4264686.67	2.63E-04	9.04E-05	2.20E-04	6.77E-05	5.20E-05	1.73E-05	4.06E-05	8.34E-06
4727	624337.34	4264683.04	2.64E-04	9.07E-05	2.21E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05	8.37E-06
4728	624346.45	4264679.42	2.65E-04	9.10E-05	2.21E-04	6.82E-05	5.24E-05	1.74E-05	4.08E-05	8.40E-06
4729	624355.57	4264675.79	2.66E-04	9.14E-05	2.22E-04	6.84E-05	5.26E-05	1.75E-05	4.10E-05	8.43E-06
4730	624364.68	4264672.16	2.67E-04	9.17E-05	2.23E-04	6.87E-05	5.28E-05	1.76E-05	4.12E-05	8.46E-06
4731	623702.32	4264836.27	1.95E-04	6.69E-05	1.63E-04	5.01E-05	3.85E-05	1.28E-05	3.00E-05	6.18E-06
4732	623711.41	4264832.65	1.97E-04	6.76E-05	1.64E-04	5.06E-05	3.89E-05	1.30E-05	3.03E-05	6.24E-06
4733	623720.51	4264829.03	1.99E-04	6.83E-05	1.66E-04	5.11E-05	3.93E-05	1.31E-05	3.06E-05	6.30E-06
4734	623729.6	4264825.41	2.01E-04	6.89E-05	1.68E-04	5.16E-05	3.97E-05	1.32E-05	3.09E-05	6.36E-06
4735	623738.69	4264821.8	2.03E-04	6.96E-05	1.69E-04	5.21E-05	4.01E-05	1.33E-05	3.12E-05	6.43E-06
4736	623747.78	4264818.18	2.04E-04	7.03E-05	1.71E-04	5.26E-05	4.05E-05	1.35E-05	3.16E-05	6.49E-06
4737	623756.88	4264814.56	2.07E-04	7.10E-05	1.73E-04	5.32E-05	4.09E-05	1.36E-05	3.19E-05	6.55E-06
4738	623765.97	4264810.94	2.09E-04	7.17E-05	1.74E-04	5.37E-05	4.13E-05	1.37E-05	3.22E-05	6.62E-06
4739	623775.06	4264807.32	2.11E-04	7.24E-05	1.76E-04	5.42E-05	4.17E-05	1.39E-05	3.25E-05	6.68E-06
4740	623784.16	4264803.71	2.13E-04	7.31E-05	1.78E-04	5.48E-05	4.21E-05	1.40E-05	3.28E-05	6.75E-06
4741	623793.25	4264800.09	2.15E-04	7.38E-05	1.79E-04	5.53E-05	4.25E-05	1.41E-05	3.31E-05	6.81E-06
4742	623802.34	4264796.47	2.17E-04	7.45E-05	1.81E-04	5.57E-05	4.29E-05	1.43E-05	3.34E-05	6.87E-06
4743	623811.43	4264792.85	2.18E-04	7.51E-05	1.83E-04	5.62E-05	4.32E-05	1.44E-05	3.37E-05	6.93E-06
4744	623820.53	4264789.24	2.20E-04	7.57E-05	1.84E-04	5.67E-05	4.36E-05	1.45E-05	3.40E-05	6.99E-06
4745	623829.62	4264785.62	2.22E-04	7.64E-05	1.86E-04	5.72E-05	4.40E-05	1.46E-05	3.43E-05	7.05E-06
4746	623838.71	4264782	2.24E-04	7.70E-05	1.87E-04	5.76E-05	4.43E-05	1.47E-05	3.45E-05	7.10E-06
4747	623847.8	4264778.38	2.26E-04	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05	7.16E-06
4748	623856.9	4264774.76	2.27E-04	7.82E-05	1.90E-04	5.85E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
4749	623865.99	4264771.15	2.29E-04	7.88E-05	1.91E-04	5.90E-05	4.53E-05	1.51E-05	3.53E-05	7.27E-06
4750	623875.08	4264767.53	2.31E-04	7.93E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05	7.32E-06
4751	623884.18	4264763.91	2.32E-04	7.99E-05	1.94E-04	5.98E-05	4.60E-05	1.53E-05	3.58E-05	7.37E-06
4752	623893.27	4264760.29	2.34E-04	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06
4753	623902.36	4264756.67	2.35E-04	8.09E-05	1.97E-04	6.05E-05	4.65E-05	1.55E-05	3.63E-05	7.46E-06
4754	623911.45	4264753.06	2.37E-04	8.13E-05	1.98E-04	6.09E-05	4.68E-05	1.56E-05	3.65E-05	7.51E-06
4755	623920.55	4264749.44	2.38E-04	8.18E-05	1.99E-04	6.12E-05	4.71E-05	1.57E-05	3.67E-05	7.55E-06
4756	623929.64	4264745.82	2.39E-04	8.22E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05	7.58E-06
4757	623938.73	4264742.2	2.40E-04	8.26E-05	2.01E-04	6.18E-05	4.75E-05	1.58E-05	3.71E-05	7.62E-06
4758	623947.82	4264738.59	2.41E-04	8.29E-05	2.02E-04	6.21E-05	4.77E-05	1.59E-05	3.72E-05	7.65E-06
4759	623956.92	4264734.97	2.42E-04	8.33E-05	2.02E-04	6.23E-05	4.79E-05	1.60E-05	3.74E-05	7.68E-06
4760	623966.01	4264731.35	2.43E-04	8.35E-05	2.03E-04	6.25E-05	4.81E-05	1.60E-05	3.75E-05	7.71E-06
4761	623975.1	4264727.73	2.43E-04	8.37E-05	2.03E-04	6.27E-05	4.82E-05	1.60E-05	3.76E-05	7.73E-06
4762	623984.2	4264724.11	2.44E-04	8.38E-05	2.04E-04	6.28E-05	4.83E-05	1.61E-05	3.76E-05	7.74E-06
4763	623993.29	4264720.5	2.44E-04	8.39E-05	2.04E-04	6.28E-05	4.83E-05	1.61E-05	3.77E-05	7.74E-06
4764	624002.38	4264716.88	2.44E-04	8.39E-05	2.04E-04	6.28E-05	4.83E-05	1.61E-05	3.77E-05	7.75E-06
4765	624011.47	4264713.26	2.44E-04	8.39E-05	2.04E-04	6.28E-05	4.83E-05	1.61E-05	3.76E-05	7.74E-06
4766	624020.57	4264709.64	2.44E-04	8.38E-05	2.04E-04	6.28E-05	4.82E-05	1.61E-05	3.76E-05	7.73E-06

4767	624029.66	4264706.02	2.43E-04	8.37E-05	2.03E-04	6.26E-05	4.82E-05	1.60E-05	3.75E-05	7.72E-06
4768	624038.75	4264702.41	2.43E-04	8.35E-05	2.03E-04	6.25E-05	4.80E-05	1.60E-05	3.74E-05	7.70E-06
4769	624047.84	4264698.79	2.42E-04	8.32E-05	2.02E-04	6.23E-05	4.79E-05	1.59E-05	3.73E-05	7.68E-06
4770	624056.94	4264695.17	2.41E-04	8.29E-05	2.02E-04	6.21E-05	4.77E-05	1.59E-05	3.72E-05	7.65E-06
4771	624066.03	4264691.55	2.40E-04	8.26E-05	2.01E-04	6.18E-05	4.75E-05	1.58E-05	3.71E-05	7.62E-06
4772	624075.12	4264687.94	2.39E-04	8.23E-05	2.00E-04	6.16E-05	4.73E-05	1.58E-05	3.69E-05	7.59E-06
4773	624084.22	4264684.32	2.38E-04	8.19E-05	1.99E-04	6.13E-05	4.71E-05	1.57E-05	3.67E-05	7.56E-06
4774	624093.31	4264680.7	2.37E-04	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05	7.52E-06
4775	624102.4	4264677.08	2.36E-04	8.11E-05	1.97E-04	6.08E-05	4.67E-05	1.55E-05	3.64E-05	7.49E-06
4776	624111.49	4264673.46	2.35E-04	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.63E-05	7.46E-06
4777	624120.59	4264669.85	2.34E-04	8.04E-05	1.96E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06
4778	624129.68	4264666.23	2.33E-04	8.01E-05	1.95E-04	6.00E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
4779	624138.77	4264662.61	2.32E-04	7.97E-05	1.94E-04	5.97E-05	4.59E-05	1.53E-05	3.58E-05	7.36E-06
4780	624147.86	4264658.99	2.31E-04	7.94E-05	1.93E-04	5.95E-05	4.57E-05	1.52E-05	3.56E-05	7.33E-06
4781	624156.96	4264655.37	2.30E-04	7.91E-05	1.92E-04	5.93E-05	4.56E-05	1.52E-05	3.55E-05	7.30E-06
4782	624166.05	4264651.76	2.29E-04	7.89E-05	1.92E-04	5.91E-05	4.54E-05	1.51E-05	3.54E-05	7.28E-06
4783	624175.14	4264648.14	2.29E-04	7.87E-05	1.91E-04	5.89E-05	4.53E-05	1.51E-05	3.53E-05	7.26E-06
4784	624184.23	4264644.52	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.25E-06
4785	624193.33	4264640.9	2.28E-04	7.84E-05	1.90E-04	5.87E-05	4.51E-05	1.50E-05	3.52E-05	7.23E-06
4786	624202.42	4264637.29	2.28E-04	7.83E-05	1.90E-04	5.86E-05	4.51E-05	1.50E-05	3.51E-05	7.22E-06
4787	624211.51	4264633.67	2.28E-04	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
4788	624220.61	4264630.05	2.27E-04	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
4789	624229.7	4264626.43	2.28E-04	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
4790	624238.79	4264622.81	2.28E-04	7.83E-05	1.90E-04	5.86E-05	4.51E-05	1.50E-05	3.51E-05	7.23E-06
4791	624247.88	4264619.2	2.28E-04	7.84E-05	1.91E-04	5.87E-05	4.51E-05	1.50E-05	3.52E-05	7.23E-06
4792	624256.98	4264615.58	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.25E-06
4793	624266.07	4264611.96	2.29E-04	7.87E-05	1.91E-04	5.89E-05	4.53E-05	1.51E-05	3.53E-05	7.26E-06
4794	624275.16	4264608.34	2.29E-04	7.88E-05	1.92E-04	5.90E-05	4.54E-05	1.51E-05	3.54E-05	7.28E-06
4795	624284.25	4264604.72	2.30E-04	7.90E-05	1.92E-04	5.92E-05	4.55E-05	1.51E-05	3.55E-05	7.29E-06
4796	624293.35	4264601.11	2.30E-04	7.93E-05	1.93E-04	5.93E-05	4.56E-05	1.52E-05	3.56E-05	7.31E-06
4797	624302.44	4264597.49	2.31E-04	7.95E-05	1.93E-04	5.96E-05	4.58E-05	1.52E-05	3.57E-05	7.34E-06
4798	624311.53	4264593.87	2.32E-04	7.98E-05	1.94E-04	5.98E-05	4.60E-05	1.53E-05	3.58E-05	7.37E-06
4799	624320.63	4264590.25	2.33E-04	8.01E-05	1.95E-04	6.00E-05	4.61E-05	1.54E-05	3.60E-05	7.40E-06
4800	624329.72	4264586.64	2.34E-04	8.05E-05	1.96E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.43E-06
4801	624338.81	4264583.02	2.35E-04	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.62E-05	7.45E-06
4802	624347.9	4264579.4	2.36E-04	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05	7.48E-06
4803	624357	4264575.78	2.37E-04	8.14E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.65E-05	7.52E-06
4804	624366.09	4264572.16	2.38E-04	8.18E-05	1.99E-04	6.12E-05	4.71E-05	1.57E-05	3.67E-05	7.55E-06
4805	624362.59	4266163.45	5.48E-03	1.88E-03	4.58E-03	1.41E-03	1.08E-03	3.61E-04	8.45E-04	1.74E-04
4806	624372.48	4266163.63	6.01E-03	2.07E-03	5.02E-03	1.55E-03	1.19E-03	3.96E-04	9.28E-04	1.91E-04
4807	624382.37	4266163.81	6.57E-03	2.26E-03	5.49E-03	1.69E-03	1.30E-03	4.33E-04	1.01E-03	2.08E-04
4808	624392.26	4266163.98	7.16E-03	2.46E-03	5.99E-03	1.84E-03	1.42E-03	4.72E-04	1.11E-03	2.27E-04
4809	624402.15	4266164.16	7.81E-03	2.69E-03	6.53E-03	2.01E-03	1.55E-03	5.15E-04	1.21E-03	2.48E-04
4810	624412.04	4266164.34	8.37E-03	2.88E-03	7.00E-03	2.16E-03	1.66E-03	5.52E-04	1.29E-03	2.66E-04
4811	624421.93	4266164.51	8.72E-03	3.00E-03	7.29E-03	2.25E-03	1.73E-03	5.75E-04	1.35E-03	2.77E-04
4812	624451.59	4266165.04	9.36E-03	3.22E-03	7.82E-03	2.41E-03	1.85E-03	6.16E-04	1.44E-03	2.97E-04
4813	624461.48	4266165.22	9.70E-03	3.34E-03	8.11E-03	2.50E-03	1.92E-03	6.39E-04	1.50E-03	3.08E-04
4814	624471.37	4266165.4	1.01E-02	3.46E-03	8.42E-03	2.59E-03	1.99E-03	6.64E-04	1.55E-03	3.20E-04
4815	624481.26	4266165.57	1.03E-02	3.53E-03	8.57E-03	2.64E-03	2.03E-03	6.76E-04	1.58E-03	3.26E-04
4816	624491.15	4266165.75	1.03E-02	3.53E-03	8.58E-03	2.64E-03	2.03E-03	6.76E-04	1.58E-03	3.26E-04
4817	624501.04	4266165.93	1.03E-02	3.53E-03	8.57E-03	2.64E-03	2.03E-03	6.76E-04	1.58E-03	3.26E-04
4818	624510.93	4266166.1	1.03E-02	3.55E-03	8.63E-03	2.66E-03	2.04E-03	6.80E-04	1.59E-03	3.28E-04
4819	624520.82	4266166.28	1.05E-02	3.61E-03	8.77E-03	2.70E-03	2.08E-03	6.91E-04	1.62E-03	3.33E-04

4820	624530.71	4266166.46	1.08E-02	3.71E-03	9.02E-03	2.78E-03	2.14E-03	7.11E-04	1.67E-03	3.42E-04
4821	624540.6	4266166.63	1.10E-02	3.80E-03	9.23E-03	2.84E-03	2.19E-03	7.27E-04	1.70E-03	3.50E-04
4822	624550.49	4266166.81	1.10E-02	3.80E-03	9.23E-03	2.84E-03	2.19E-03	7.28E-04	1.70E-03	3.51E-04
4823	624560.38	4266166.99	1.09E-02	3.76E-03	9.14E-03	2.81E-03	2.16E-03	7.20E-04	1.69E-03	3.47E-04
4824	624570.27	4266167.16	1.08E-02	3.73E-03	9.07E-03	2.79E-03	2.15E-03	7.15E-04	1.67E-03	3.44E-04
4825	624580.15	4266167.34	1.09E-02	3.73E-03	9.07E-03	2.80E-03	2.15E-03	7.15E-04	1.68E-03	3.45E-04
4826	624590.04	4266167.52	1.10E-02	3.79E-03	9.21E-03	2.84E-03	2.18E-03	7.26E-04	1.70E-03	3.50E-04
4827	624599.93	4266167.69	1.12E-02	3.84E-03	9.34E-03	2.88E-03	2.21E-03	7.36E-04	1.72E-03	3.55E-04
4828	624609.82	4266167.87	1.11E-02	3.82E-03	9.29E-03	2.86E-03	2.20E-03	7.32E-04	1.71E-03	3.53E-04
4829	624619.71	4266168.05	1.09E-02	3.75E-03	9.11E-03	2.81E-03	2.16E-03	7.18E-04	1.68E-03	3.46E-04
4830	624629.6	4266168.22	1.07E-02	3.69E-03	8.96E-03	2.76E-03	2.12E-03	7.06E-04	1.65E-03	3.40E-04
4831	624639.49	4266168.4	1.06E-02	3.65E-03	8.88E-03	2.73E-03	2.10E-03	7.00E-04	1.64E-03	3.37E-04
4832	624669.16	4266168.93	1.07E-02	3.68E-03	8.93E-03	2.75E-03	2.12E-03	7.04E-04	1.65E-03	3.39E-04
4833	624679.05	4266169.1	1.04E-02	3.57E-03	8.69E-03	2.68E-03	2.06E-03	6.85E-04	1.60E-03	3.30E-04
4834	624688.94	4266169.28	1.01E-02	3.47E-03	8.43E-03	2.60E-03	2.00E-03	6.65E-04	1.56E-03	3.20E-04
4835	624698.82	4266169.46	9.91E-03	3.41E-03	8.28E-03	2.55E-03	1.96E-03	6.53E-04	1.53E-03	3.14E-04
4836	624708.71	4266169.63	9.85E-03	3.39E-03	8.24E-03	2.54E-03	1.95E-03	6.49E-04	1.52E-03	3.13E-04
4837	624718.6	4266169.81	9.92E-03	3.41E-03	8.29E-03	2.55E-03	1.96E-03	6.53E-04	1.53E-03	3.15E-04
4838	624748.27	4266170.34	9.94E-03	3.42E-03	8.31E-03	2.56E-03	1.97E-03	6.55E-04	1.53E-03	3.16E-04
4839	624758.16	4266170.52	9.59E-03	3.30E-03	8.01E-03	2.47E-03	1.90E-03	6.32E-04	1.48E-03	3.04E-04
4840	624768.05	4266170.69	9.27E-03	3.19E-03	7.74E-03	2.39E-03	1.83E-03	6.10E-04	1.43E-03	2.94E-04
4841	624777.94	4266170.87	9.02E-03	3.10E-03	7.54E-03	2.32E-03	1.79E-03	5.94E-04	1.39E-03	2.86E-04
4842	624787.83	4266171.05	8.90E-03	3.06E-03	7.44E-03	2.29E-03	1.76E-03	5.86E-04	1.37E-03	2.82E-04
4843	624797.72	4266171.22	8.66E-03	2.98E-03	7.24E-03	2.23E-03	1.71E-03	5.70E-04	1.34E-03	2.75E-04
4844	624807.61	4266171.4	8.05E-03	2.77E-03	6.73E-03	2.07E-03	1.59E-03	5.30E-04	1.24E-03	2.55E-04
4845	624817.5	4266171.58	7.24E-03	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03	2.30E-04
4846	624827.38	4266171.75	6.44E-03	2.21E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.93E-04	2.04E-04
4847	624837.27	4266171.93	5.73E-03	1.97E-03	4.79E-03	1.48E-03	1.13E-03	3.78E-04	8.85E-04	1.82E-04
4848	624847.16	4266172.11	5.14E-03	1.77E-03	4.30E-03	1.32E-03	1.02E-03	3.39E-04	7.93E-04	1.63E-04
4849	624345.52	4266170.23	4.52E-03	1.55E-03	3.78E-03	1.16E-03	8.94E-04	2.98E-04	6.97E-04	1.43E-04
4850	624362.41	4266173.45	5.12E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.37E-04	7.90E-04	1.62E-04
4851	624372.3	4266173.63	5.53E-03	1.90E-03	4.63E-03	1.42E-03	1.10E-03	3.65E-04	8.54E-04	1.76E-04
4852	624382.19	4266173.81	5.97E-03	2.05E-03	4.99E-03	1.54E-03	1.18E-03	3.93E-04	9.20E-04	1.89E-04
4853	624392.08	4266173.98	6.44E-03	2.21E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.93E-04	2.04E-04
4854	624401.97	4266174.16	6.95E-03	2.39E-03	5.81E-03	1.79E-03	1.38E-03	4.58E-04	1.07E-03	2.20E-04
4855	624411.86	4266174.33	7.43E-03	2.56E-03	6.21E-03	1.91E-03	1.47E-03	4.90E-04	1.15E-03	2.36E-04
4856	624421.75	4266174.51	7.80E-03	2.68E-03	6.52E-03	2.01E-03	1.54E-03	5.14E-04	1.20E-03	2.48E-04
4857	624451.42	4266175.04	8.44E-03	2.90E-03	7.05E-03	2.17E-03	1.67E-03	5.56E-04	1.30E-03	2.68E-04
4858	624461.31	4266175.22	8.69E-03	2.99E-03	7.27E-03	2.24E-03	1.72E-03	5.73E-04	1.34E-03	2.76E-04
4859	624471.19	4266175.39	8.99E-03	3.09E-03	7.51E-03	2.31E-03	1.78E-03	5.92E-04	1.39E-03	2.85E-04
4860	624481.08	4266175.57	9.21E-03	3.17E-03	7.69E-03	2.37E-03	1.82E-03	6.07E-04	1.42E-03	2.92E-04
4861	624490.97	4266175.75	9.31E-03	3.20E-03	7.78E-03	2.40E-03	1.84E-03	6.13E-04	1.44E-03	2.95E-04
4862	624500.86	4266175.92	9.35E-03	3.21E-03	7.81E-03	2.41E-03	1.85E-03	6.16E-04	1.44E-03	2.97E-04
4863	624510.75	4266176.1	9.39E-03	3.23E-03	7.84E-03	2.42E-03	1.86E-03	6.18E-04	1.45E-03	2.98E-04
4864	624520.64	4266176.28	9.49E-03	3.26E-03	7.93E-03	2.44E-03	1.88E-03	6.25E-04	1.46E-03	3.01E-04
4865	624530.53	4266176.45	9.68E-03	3.33E-03	8.09E-03	2.49E-03	1.92E-03	6.38E-04	1.49E-03	3.07E-04
4866	624540.42	4266176.63	9.88E-03	3.40E-03	8.26E-03	2.54E-03	1.96E-03	6.51E-04	1.52E-03	3.14E-04
4867	624550.31	4266176.81	9.96E-03	3.43E-03	8.33E-03	2.57E-03	1.97E-03	6.57E-04	1.54E-03	3.16E-04
4868	624560.2	4266176.98	9.94E-03	3.42E-03	8.31E-03	2.56E-03	1.97E-03	6.55E-04	1.53E-03	3.15E-04
4869	624570.09	4266177.16	9.87E-03	3.39E-03	8.25E-03	2.54E-03	1.95E-03	6.50E-04	1.52E-03	3.13E-04
4870	624579.98	4266177.34	9.84E-03	3.38E-03	8.23E-03	2.53E-03	1.95E-03	6.48E-04	1.52E-03	3.12E-04
4871	624589.87	4266177.51	9.91E-03	3.41E-03	8.29E-03	2.55E-03	1.96E-03	6.53E-04	1.53E-03	3.15E-04
4872	624599.75	4266177.69	1.00E-02	3.44E-03	8.37E-03	2.58E-03	1.98E-03	6.60E-04	1.55E-03	3.18E-04

4873	624609.64	4266177.87	1.00E-02	3.45E-03	8.38E-03	2.58E-03	1.98E-03	6.61E-04	1.55E-03	3.18E-04
4874	624619.53	4266178.04	9.93E-03	3.41E-03	8.30E-03	2.56E-03	1.96E-03	6.54E-04	1.53E-03	3.15E-04
4875	624629.42	4266178.22	9.78E-03	3.36E-03	8.17E-03	2.52E-03	1.93E-03	6.44E-04	1.51E-03	3.10E-04
4876	624639.31	4266178.4	9.65E-03	3.32E-03	8.07E-03	2.48E-03	1.91E-03	6.36E-04	1.49E-03	3.06E-04
4877	624668.98	4266178.93	9.63E-03	3.31E-03	8.05E-03	2.48E-03	1.91E-03	6.34E-04	1.49E-03	3.06E-04
4878	624678.87	4266179.1	9.48E-03	3.26E-03	7.93E-03	2.44E-03	1.88E-03	6.25E-04	1.46E-03	3.01E-04
4879	624688.76	4266179.28	9.28E-03	3.19E-03	7.76E-03	2.39E-03	1.84E-03	6.12E-04	1.43E-03	2.95E-04
4880	624698.65	4266179.46	9.11E-03	3.13E-03	7.61E-03	2.34E-03	1.80E-03	6.00E-04	1.41E-03	2.89E-04
4881	624708.54	4266179.63	8.98E-03	3.09E-03	7.51E-03	2.31E-03	1.78E-03	5.92E-04	1.39E-03	2.85E-04
4882	624718.42	4266179.81	8.94E-03	3.08E-03	7.48E-03	2.30E-03	1.77E-03	5.89E-04	1.38E-03	2.84E-04
4883	624748.09	4266180.34	8.92E-03	3.07E-03	7.46E-03	2.30E-03	1.77E-03	5.88E-04	1.38E-03	2.83E-04
4884	624757.98	4266180.52	8.67E-03	2.98E-03	7.24E-03	2.23E-03	1.72E-03	5.71E-04	1.34E-03	2.75E-04
4885	624767.87	4266180.69	8.36E-03	2.88E-03	6.99E-03	2.15E-03	1.65E-03	5.51E-04	1.29E-03	2.65E-04
4886	624777.76	4266180.87	8.08E-03	2.78E-03	6.76E-03	2.08E-03	1.60E-03	5.33E-04	1.25E-03	2.57E-04
4887	624787.65	4266181.05	7.88E-03	2.71E-03	6.58E-03	2.03E-03	1.56E-03	5.19E-04	1.22E-03	2.50E-04
4888	624797.54	4266181.22	7.64E-03	2.63E-03	6.39E-03	1.97E-03	1.51E-03	5.04E-04	1.18E-03	2.43E-04
4889	624807.43	4266181.4	7.23E-03	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03	2.30E-04
4890	624817.32	4266181.58	6.66E-03	2.29E-03	5.57E-03	1.72E-03	1.32E-03	4.39E-04	1.03E-03	2.11E-04
4891	624827.21	4266181.75	6.04E-03	2.08E-03	5.05E-03	1.56E-03	1.20E-03	3.98E-04	9.32E-04	1.92E-04
4892	624837.1	4266181.93	5.46E-03	1.88E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.42E-04	1.73E-04
4893	624846.98	4266182.11	4.94E-03	1.70E-03	4.13E-03	1.27E-03	9.77E-04	3.25E-04	7.62E-04	1.57E-04
4894	624345.34	4266180.23	4.30E-03	1.48E-03	3.59E-03	1.11E-03	8.51E-04	2.83E-04	6.63E-04	1.36E-04
4895	624331.33	4266174.15	3.96E-03	1.36E-03	3.31E-03	1.02E-03	7.84E-04	2.61E-04	6.11E-04	1.26E-04
4896	624321.51	4266164	3.80E-03	1.31E-03	3.17E-03	9.78E-04	7.52E-04	2.50E-04	5.86E-04	1.21E-04
4897	624362.23	4266183.45	4.78E-03	1.65E-03	4.00E-03	1.23E-03	9.47E-04	3.15E-04	7.38E-04	1.52E-04
4898	624372.12	4266183.63	5.12E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.37E-04	7.90E-04	1.62E-04
4899	624382.01	4266183.8	5.47E-03	1.88E-03	4.57E-03	1.41E-03	1.08E-03	3.60E-04	8.44E-04	1.74E-04
4900	624391.9	4266183.98	5.85E-03	2.01E-03	4.89E-03	1.51E-03	1.16E-03	3.85E-04	9.03E-04	1.86E-04
4901	624401.79	4266184.16	6.26E-03	2.15E-03	5.23E-03	1.61E-03	1.24E-03	4.13E-04	9.66E-04	1.99E-04
4902	624411.68	4266184.33	6.67E-03	2.29E-03	5.57E-03	1.72E-03	1.32E-03	4.39E-04	1.03E-03	2.12E-04
4903	624421.57	4266184.51	7.01E-03	2.41E-03	5.86E-03	1.81E-03	1.39E-03	4.62E-04	1.08E-03	2.22E-04
4904	624451.24	4266185.04	7.64E-03	2.63E-03	6.39E-03	1.97E-03	1.51E-03	5.04E-04	1.18E-03	2.43E-04
4905	624461.13	4266185.22	7.86E-03	2.70E-03	6.57E-03	2.02E-03	1.56E-03	5.18E-04	1.21E-03	2.49E-04
4906	624471.02	4266185.39	8.10E-03	2.78E-03	6.77E-03	2.08E-03	1.60E-03	5.33E-04	1.25E-03	2.57E-04
4907	624480.91	4266185.57	8.30E-03	2.86E-03	6.94E-03	2.14E-03	1.64E-03	5.47E-04	1.28E-03	2.63E-04
4908	624490.79	4266185.75	8.44E-03	2.90E-03	7.05E-03	2.17E-03	1.67E-03	5.56E-04	1.30E-03	2.68E-04
4909	624500.68	4266185.92	8.51E-03	2.93E-03	7.11E-03	2.19E-03	1.68E-03	5.61E-04	1.31E-03	2.70E-04
4910	624510.57	4266186.1	8.55E-03	2.94E-03	7.15E-03	2.20E-03	1.69E-03	5.63E-04	1.32E-03	2.71E-04
4911	624520.46	4266186.28	8.63E-03	2.97E-03	7.21E-03	2.22E-03	1.71E-03	5.69E-04	1.33E-03	2.74E-04
4912	624530.35	4266186.45	8.76E-03	3.01E-03	7.32E-03	2.26E-03	1.73E-03	5.77E-04	1.35E-03	2.78E-04
4913	624540.24	4266186.63	8.91E-03	3.06E-03	7.45E-03	2.29E-03	1.76E-03	5.87E-04	1.38E-03	2.83E-04
4914	624550.13	4266186.81	9.01E-03	3.10E-03	7.53E-03	2.32E-03	1.78E-03	5.93E-04	1.39E-03	2.86E-04
4915	624560.02	4266186.98	9.02E-03	3.10E-03	7.54E-03	2.32E-03	1.79E-03	5.94E-04	1.39E-03	2.86E-04
4916	624569.91	4266187.16	8.98E-03	3.09E-03	7.51E-03	2.31E-03	1.78E-03	5.92E-04	1.39E-03	2.85E-04
4917	624579.8	4266187.34	8.96E-03	3.08E-03	7.49E-03	2.31E-03	1.77E-03	5.91E-04	1.38E-03	2.84E-04
4918	624589.69	4266187.51	8.99E-03	3.09E-03	7.52E-03	2.32E-03	1.78E-03	5.93E-04	1.39E-03	2.85E-04
4919	624599.58	4266187.69	9.05E-03	3.11E-03	7.57E-03	2.33E-03	1.79E-03	5.97E-04	1.40E-03	2.87E-04
4920	624609.46	4266187.87	9.08E-03	3.12E-03	7.59E-03	2.34E-03	1.80E-03	5.98E-04	1.40E-03	2.88E-04
4921	624619.35	4266188.04	9.02E-03	3.10E-03	7.54E-03	2.32E-03	1.79E-03	5.94E-04	1.39E-03	2.86E-04
4922	624629.24	4266188.22	8.91E-03	3.06E-03	7.45E-03	2.29E-03	1.76E-03	5.87E-04	1.38E-03	2.83E-04
4923	624639.13	4266188.4	8.80E-03	3.03E-03	7.36E-03	2.27E-03	1.74E-03	5.80E-04	1.36E-03	2.79E-04
4924	624668.8	4266188.92	8.72E-03	3.00E-03	7.29E-03	2.25E-03	1.73E-03	5.75E-04	1.35E-03	2.77E-04
4925	624678.69	4266189.1	8.64E-03	2.97E-03	7.22E-03	2.23E-03	1.71E-03	5.69E-04	1.33E-03	2.74E-04

4926	624688.58	4266189.28	8.51E-03	2.93E-03	7.11E-03	2.19E-03	1.68E-03	5.61E-04	1.31E-03	2.70E-04
4927	624698.47	4266189.45	8.35E-03	2.87E-03	6.98E-03	2.15E-03	1.65E-03	5.50E-04	1.29E-03	2.65E-04
4928	624708.36	4266189.63	8.21E-03	2.82E-03	6.86E-03	2.11E-03	1.63E-03	5.41E-04	1.27E-03	2.61E-04
4929	624718.25	4266189.81	8.13E-03	2.79E-03	6.79E-03	2.09E-03	1.61E-03	5.36E-04	1.25E-03	2.58E-04
4930	624747.91	4266190.34	8.01E-03	2.75E-03	6.69E-03	2.06E-03	1.58E-03	5.28E-04	1.24E-03	2.54E-04
4931	624757.8	4266190.51	7.81E-03	2.69E-03	6.53E-03	2.01E-03	1.55E-03	5.15E-04	1.21E-03	2.48E-04
4932	624767.69	4266190.69	7.55E-03	2.60E-03	6.31E-03	1.94E-03	1.49E-03	4.97E-04	1.17E-03	2.40E-04
4933	624777.58	4266190.87	7.29E-03	2.51E-03	6.09E-03	1.88E-03	1.44E-03	4.80E-04	1.12E-03	2.31E-04
4934	624787.47	4266191.04	7.06E-03	2.43E-03	5.90E-03	1.82E-03	1.40E-03	4.65E-04	1.09E-03	2.24E-04
4935	624797.36	4266191.22	6.83E-03	2.35E-03	5.71E-03	1.76E-03	1.35E-03	4.50E-04	1.05E-03	2.17E-04
4936	624807.25	4266191.4	6.52E-03	2.24E-03	5.45E-03	1.68E-03	1.29E-03	4.30E-04	1.01E-03	2.07E-04
4937	624817.14	4266191.57	6.11E-03	2.10E-03	5.11E-03	1.57E-03	1.21E-03	4.03E-04	9.43E-04	1.94E-04
4938	624827.03	4266191.75	5.64E-03	1.94E-03	4.71E-03	1.45E-03	1.12E-03	3.72E-04	8.70E-04	1.79E-04
4939	624836.92	4266191.93	5.17E-03	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.40E-04	7.97E-04	1.64E-04
4940	624846.81	4266192.1	4.72E-03	1.62E-03	3.95E-03	1.22E-03	9.35E-04	3.11E-04	7.29E-04	1.50E-04
4941	624343.41	4266189.47	4.06E-03	1.39E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04	1.29E-04
4942	624334.65	4266185.67	3.88E-03	1.33E-03	3.24E-03	9.99E-04	7.68E-04	2.56E-04	5.99E-04	1.23E-04
4943	624325.9	4266181.86	3.70E-03	1.27E-03	3.09E-03	9.53E-04	7.33E-04	2.44E-04	5.71E-04	1.17E-04
4944	624313.62	4266169.18	3.53E-03	1.21E-03	2.95E-03	9.08E-04	6.98E-04	2.32E-04	5.44E-04	1.12E-04
4945	624352.17	4266193.27	4.22E-03	1.45E-03	3.52E-03	1.09E-03	8.35E-04	2.78E-04	6.51E-04	1.34E-04
4946	624362.06	4266193.45	4.49E-03	1.54E-03	3.75E-03	1.15E-03	8.88E-04	2.95E-04	6.92E-04	1.42E-04
4947	624371.95	4266193.63	4.76E-03	1.64E-03	3.98E-03	1.23E-03	9.42E-04	3.14E-04	7.35E-04	1.51E-04
4948	624381.83	4266193.8	5.05E-03	1.74E-03	4.22E-03	1.30E-03	1.00E-03	3.33E-04	7.80E-04	1.60E-04
4949	624391.72	4266193.98	5.37E-03	1.85E-03	4.49E-03	1.38E-03	1.06E-03	3.54E-04	8.28E-04	1.70E-04
4950	624401.61	4266194.16	5.70E-03	1.96E-03	4.77E-03	1.47E-03	1.13E-03	3.76E-04	8.80E-04	1.81E-04
4951	624411.5	4266194.33	6.04E-03	2.08E-03	5.05E-03	1.56E-03	1.20E-03	3.98E-04	9.32E-04	1.92E-04
4952	624421.39	4266194.51	6.34E-03	2.18E-03	5.30E-03	1.63E-03	1.26E-03	4.18E-04	9.79E-04	2.01E-04
4953	624451.06	4266195.04	6.96E-03	2.39E-03	5.82E-03	1.79E-03	1.38E-03	4.59E-04	1.07E-03	2.21E-04
4954	624460.95	4266195.21	7.15E-03	2.46E-03	5.98E-03	1.84E-03	1.42E-03	4.71E-04	1.10E-03	2.27E-04
4955	624470.84	4266195.39	7.35E-03	2.53E-03	6.15E-03	1.89E-03	1.46E-03	4.84E-04	1.13E-03	2.33E-04
4956	624480.73	4266195.57	7.54E-03	2.59E-03	6.30E-03	1.94E-03	1.49E-03	4.97E-04	1.16E-03	2.39E-04
4957	624490.62	4266195.74	7.67E-03	2.64E-03	6.41E-03	1.98E-03	1.52E-03	5.06E-04	1.18E-03	2.44E-04
4958	624500.51	4266195.92	7.76E-03	2.67E-03	6.49E-03	2.00E-03	1.54E-03	5.11E-04	1.20E-03	2.46E-04
4959	624510.39	4266196.1	7.82E-03	2.69E-03	6.54E-03	2.01E-03	1.55E-03	5.15E-04	1.21E-03	2.48E-04
4960	624668.62	4266198.92	7.96E-03	2.74E-03	6.65E-03	2.05E-03	1.58E-03	5.24E-04	1.23E-03	2.53E-04
4961	624678.51	4266199.1	7.90E-03	2.72E-03	6.60E-03	2.03E-03	1.56E-03	5.21E-04	1.22E-03	2.51E-04
4962	624688.4	4266199.28	7.80E-03	2.68E-03	6.52E-03	2.01E-03	1.54E-03	5.14E-04	1.20E-03	2.48E-04
4963	624698.29	4266199.45	7.67E-03	2.64E-03	6.41E-03	1.97E-03	1.52E-03	5.05E-04	1.18E-03	2.43E-04
4964	624708.18	4266199.63	7.53E-03	2.59E-03	6.30E-03	1.94E-03	1.49E-03	4.96E-04	1.16E-03	2.39E-04
4965	624718.07	4266199.81	7.43E-03	2.56E-03	6.21E-03	1.91E-03	1.47E-03	4.90E-04	1.15E-03	2.36E-04
4966	624747.74	4266200.34	7.23E-03	2.49E-03	6.04E-03	1.86E-03	1.43E-03	4.76E-04	1.12E-03	2.29E-04
4967	624757.62	4266200.51	7.07E-03	2.43E-03	5.91E-03	1.82E-03	1.40E-03	4.66E-04	1.09E-03	2.24E-04
4968	624767.51	4266200.69	6.85E-03	2.35E-03	5.72E-03	1.76E-03	1.36E-03	4.51E-04	1.06E-03	2.17E-04
4969	624777.4	4266200.87	6.62E-03	2.28E-03	5.53E-03	1.70E-03	1.31E-03	4.36E-04	1.02E-03	2.10E-04
4970	624787.29	4266201.04	6.40E-03	2.20E-03	5.35E-03	1.65E-03	1.27E-03	4.22E-04	9.88E-04	2.03E-04
4971	624797.18	4266201.22	6.19E-03	2.13E-03	5.17E-03	1.59E-03	1.22E-03	4.08E-04	9.54E-04	1.96E-04
4972	624807.07	4266201.4	5.93E-03	2.04E-03	4.96E-03	1.53E-03	1.17E-03	3.91E-04	9.15E-04	1.88E-04
4973	624816.96	4266201.57	5.62E-03	1.93E-03	4.70E-03	1.45E-03	1.11E-03	3.70E-04	8.67E-04	1.78E-04
4974	624826.85	4266201.75	5.26E-03	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.11E-04	1.67E-04
4975	624836.74	4266201.93	4.87E-03	1.68E-03	4.07E-03	1.26E-03	9.65E-04	3.21E-04	7.52E-04	1.55E-04
4976	624846.63	4266202.1	4.50E-03	1.55E-03	3.76E-03	1.16E-03	8.91E-04	2.97E-04	6.95E-04	1.43E-04
4977	624326.77	4266192.32	3.58E-03	1.23E-03	3.00E-03	9.22E-04	7.09E-04	2.36E-04	5.53E-04	1.14E-04
4978	624318.36	4266188.67	3.43E-03	1.18E-03	2.87E-03	8.84E-04	6.80E-04	2.26E-04	5.30E-04	1.09E-04

4979	624306.58	4266176.49	3.29E-03	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.08E-04	1.04E-04
4980	624303.2	4266167.97	3.29E-03	1.13E-03	2.75E-03	8.46E-04	6.50E-04	2.16E-04	5.07E-04	1.04E-04
4981	624450.88	4266205.04	6.38E-03	2.19E-03	5.33E-03	1.64E-03	1.26E-03	4.20E-04	9.84E-04	2.02E-04
4982	624460.77	4266205.21	6.55E-03	2.25E-03	5.47E-03	1.69E-03	1.30E-03	4.32E-04	1.01E-03	2.08E-04
4983	624470.66	4266205.39	6.72E-03	2.31E-03	5.62E-03	1.73E-03	1.33E-03	4.43E-04	1.04E-03	2.13E-04
4984	624480.55	4266205.57	6.88E-03	2.37E-03	5.75E-03	1.77E-03	1.36E-03	4.54E-04	1.06E-03	2.18E-04
4985	624490.44	4266205.74	7.01E-03	2.41E-03	5.86E-03	1.81E-03	1.39E-03	4.62E-04	1.08E-03	2.23E-04
4986	624500.33	4266205.92	7.11E-03	2.44E-03	5.94E-03	1.83E-03	1.41E-03	4.68E-04	1.10E-03	2.26E-04
4987	624668.44	4266208.92	7.31E-03	2.51E-03	6.11E-03	1.88E-03	1.45E-03	4.81E-04	1.13E-03	2.32E-04
4988	624678.33	4266209.1	7.26E-03	2.49E-03	6.06E-03	1.87E-03	1.44E-03	4.78E-04	1.12E-03	2.30E-04
4989	624688.22	4266209.27	7.17E-03	2.47E-03	5.99E-03	1.85E-03	1.42E-03	4.72E-04	1.11E-03	2.28E-04
4990	624698.11	4266209.45	7.06E-03	2.43E-03	5.90E-03	1.82E-03	1.40E-03	4.65E-04	1.09E-03	2.24E-04
4991	624708	4266209.63	6.94E-03	2.39E-03	5.80E-03	1.79E-03	1.37E-03	4.57E-04	1.07E-03	2.20E-04
4992	624717.89	4266209.8	6.84E-03	2.35E-03	5.72E-03	1.76E-03	1.35E-03	4.51E-04	1.06E-03	2.17E-04
4993	624343.64	4266209.72	3.69E-03	1.27E-03	3.08E-03	9.49E-04	7.30E-04	2.43E-04	5.69E-04	1.17E-04
4994	624299.49	4266183.69	3.08E-03	1.06E-03	2.58E-03	7.94E-04	6.10E-04	2.03E-04	4.76E-04	9.78E-05
4995	624292.92	4266167.12	3.07E-03	1.06E-03	2.57E-03	7.91E-04	6.08E-04	2.02E-04	4.74E-04	9.75E-05
4996	624351.81	4266213.27	3.78E-03	1.30E-03	3.16E-03	9.74E-04	7.49E-04	2.49E-04	5.84E-04	1.20E-04
4997	624361.7	4266213.45	3.98E-03	1.37E-03	3.33E-03	1.02E-03	7.88E-04	2.62E-04	6.14E-04	1.26E-04
4998	624371.59	4266213.62	4.18E-03	1.44E-03	3.49E-03	1.08E-03	8.28E-04	2.75E-04	6.45E-04	1.33E-04
4999	624381.48	4266213.8	4.39E-03	1.51E-03	3.67E-03	1.13E-03	8.70E-04	2.90E-04	6.78E-04	1.39E-04
5000	624391.37	4266213.98	4.62E-03	1.59E-03	3.86E-03	1.19E-03	9.14E-04	3.04E-04	7.13E-04	1.47E-04
5001	624401.26	4266214.15	4.85E-03	1.67E-03	4.06E-03	1.25E-03	9.61E-04	3.20E-04	7.49E-04	1.54E-04
5002	624411.15	4266214.33	5.09E-03	1.75E-03	4.26E-03	1.31E-03	1.01E-03	3.35E-04	7.86E-04	1.62E-04
5003	624421.03	4266214.51	5.32E-03	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.20E-04	1.69E-04
5004	624450.7	4266215.03	5.87E-03	2.02E-03	4.90E-03	1.51E-03	1.16E-03	3.87E-04	9.05E-04	1.86E-04
5005	624460.59	4266215.21	6.03E-03	2.07E-03	5.04E-03	1.55E-03	1.19E-03	3.97E-04	9.30E-04	1.91E-04
5006	624470.48	4266215.39	6.18E-03	2.12E-03	5.16E-03	1.59E-03	1.22E-03	4.07E-04	9.53E-04	1.96E-04
5007	624480.37	4266215.56	6.32E-03	2.17E-03	5.28E-03	1.63E-03	1.25E-03	4.17E-04	9.75E-04	2.01E-04
5008	624490.26	4266215.74	6.44E-03	2.22E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.94E-04	2.04E-04
5009	624500.15	4266215.92	6.54E-03	2.25E-03	5.46E-03	1.68E-03	1.29E-03	4.31E-04	1.01E-03	2.07E-04
5010	624529.82	4266216.45	6.76E-03	2.32E-03	5.65E-03	1.74E-03	1.34E-03	4.45E-04	1.04E-03	2.14E-04
5011	624539.7	4266216.62	6.83E-03	2.35E-03	5.70E-03	1.76E-03	1.35E-03	4.50E-04	1.05E-03	2.17E-04
5012	624549.59	4266216.8	6.88E-03	2.37E-03	5.75E-03	1.77E-03	1.36E-03	4.53E-04	1.06E-03	2.18E-04
5013	624559.48	4266216.98	6.92E-03	2.38E-03	5.78E-03	1.78E-03	1.37E-03	4.56E-04	1.07E-03	2.20E-04
5014	624569.37	4266217.15	6.94E-03	2.39E-03	5.80E-03	1.79E-03	1.37E-03	4.57E-04	1.07E-03	2.20E-04
5015	624579.26	4266217.33	6.95E-03	2.39E-03	5.81E-03	1.79E-03	1.38E-03	4.58E-04	1.07E-03	2.21E-04
5016	624589.15	4266217.51	6.96E-03	2.39E-03	5.82E-03	1.79E-03	1.38E-03	4.59E-04	1.07E-03	2.21E-04
5017	624599.04	4266217.68	6.97E-03	2.40E-03	5.82E-03	1.79E-03	1.38E-03	4.59E-04	1.08E-03	2.21E-04
5018	624608.93	4266217.86	6.97E-03	2.40E-03	5.82E-03	1.79E-03	1.38E-03	4.59E-04	1.07E-03	2.21E-04
5019	624618.82	4266218.04	6.95E-03	2.39E-03	5.81E-03	1.79E-03	1.37E-03	4.58E-04	1.07E-03	2.20E-04
5020	624668.26	4266218.92	6.74E-03	2.32E-03	5.64E-03	1.74E-03	1.33E-03	4.44E-04	1.04E-03	2.14E-04
5021	624678.15	4266219.1	6.69E-03	2.30E-03	5.59E-03	1.72E-03	1.32E-03	4.41E-04	1.03E-03	2.12E-04
5022	624688.04	4266219.27	6.62E-03	2.27E-03	5.53E-03	1.70E-03	1.31E-03	4.36E-04	1.02E-03	2.10E-04
5023	624697.93	4266219.45	6.52E-03	2.24E-03	5.45E-03	1.68E-03	1.29E-03	4.30E-04	1.01E-03	2.07E-04
5024	624707.82	4266219.63	6.42E-03	2.21E-03	5.36E-03	1.65E-03	1.27E-03	4.23E-04	9.90E-04	2.04E-04
5025	624717.71	4266219.8	6.32E-03	2.17E-03	5.28E-03	1.63E-03	1.25E-03	4.16E-04	9.75E-04	2.00E-04
5026	624343.62	4266219.79	3.52E-03	1.21E-03	2.94E-03	9.05E-04	6.96E-04	2.32E-04	5.42E-04	1.12E-04
5027	624327.61	4266212.84	3.33E-03	1.14E-03	2.78E-03	8.57E-04	6.59E-04	2.19E-04	5.13E-04	1.06E-04
5028	624292.37	4266190.81	2.90E-03	9.97E-04	2.42E-03	7.47E-04	5.74E-04	1.91E-04	4.47E-04	9.20E-05
5029	624289.15	4266182.7	2.90E-03	9.97E-04	2.42E-03	7.46E-04	5.74E-04	1.91E-04	4.47E-04	9.20E-05
5030	624282.72	4266166.47	2.88E-03	9.91E-04	2.41E-03	7.42E-04	5.70E-04	1.90E-04	4.45E-04	9.15E-05
5031	624361.52	4266223.44	3.77E-03	1.29E-03	3.15E-03	9.70E-04	7.45E-04	2.48E-04	5.81E-04	1.20E-04

5032	624371.41	4266223.62	3.94E-03	1.36E-03	3.30E-03	1.02E-03	7.80E-04	2.60E-04	6.08E-04	1.25E-04
5033	624381.3	4266223.8	4.13E-03	1.42E-03	3.45E-03	1.06E-03	8.17E-04	2.72E-04	6.37E-04	1.31E-04
5034	624391.19	4266223.97	4.32E-03	1.49E-03	3.61E-03	1.11E-03	8.55E-04	2.85E-04	6.67E-04	1.37E-04
5035	624401.08	4266224.15	4.52E-03	1.55E-03	3.78E-03	1.16E-03	8.95E-04	2.98E-04	6.97E-04	1.43E-04
5036	624410.97	4266224.33	4.72E-03	1.62E-03	3.95E-03	1.22E-03	9.34E-04	3.11E-04	7.28E-04	1.50E-04
5037	624420.86	4266224.5	4.92E-03	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.59E-04	1.56E-04
5038	624450.52	4266225.03	5.42E-03	1.87E-03	4.53E-03	1.40E-03	1.07E-03	3.57E-04	8.37E-04	1.72E-04
5039	624460.41	4266225.21	5.57E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.67E-04	8.59E-04	1.77E-04
5040	624470.3	4266225.39	5.71E-03	1.96E-03	4.77E-03	1.47E-03	1.13E-03	3.76E-04	8.80E-04	1.81E-04
5041	624480.19	4266225.56	5.83E-03	2.01E-03	4.88E-03	1.50E-03	1.15E-03	3.84E-04	9.00E-04	1.85E-04
5042	624490.08	4266225.74	5.94E-03	2.04E-03	4.97E-03	1.53E-03	1.18E-03	3.92E-04	9.17E-04	1.89E-04
5043	624499.97	4266225.92	6.04E-03	2.08E-03	5.05E-03	1.55E-03	1.20E-03	3.98E-04	9.32E-04	1.92E-04
5044	624529.64	4266226.45	6.25E-03	2.15E-03	5.22E-03	1.61E-03	1.24E-03	4.12E-04	9.64E-04	1.98E-04
5045	624539.53	4266226.62	6.31E-03	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.16E-04	9.73E-04	2.00E-04
5046	624549.42	4266226.8	6.36E-03	2.19E-03	5.32E-03	1.64E-03	1.26E-03	4.19E-04	9.81E-04	2.02E-04
5047	624559.3	4266226.98	6.40E-03	2.20E-03	5.35E-03	1.65E-03	1.27E-03	4.22E-04	9.87E-04	2.03E-04
5048	624569.19	4266227.15	6.42E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.91E-04	2.04E-04
5049	624579.08	4266227.33	6.44E-03	2.21E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.93E-04	2.04E-04
5050	624588.97	4266227.51	6.44E-03	2.22E-03	5.39E-03	1.66E-03	1.28E-03	4.25E-04	9.94E-04	2.05E-04
5051	624598.86	4266227.68	6.45E-03	2.22E-03	5.39E-03	1.66E-03	1.28E-03	4.25E-04	9.95E-04	2.05E-04
5052	624608.75	4266227.86	6.44E-03	2.22E-03	5.39E-03	1.66E-03	1.28E-03	4.25E-04	9.94E-04	2.05E-04
5053	624618.64	4266228.04	6.43E-03	2.21E-03	5.37E-03	1.66E-03	1.27E-03	4.24E-04	9.92E-04	2.04E-04
5054	624628.53	4266228.21	6.40E-03	2.20E-03	5.35E-03	1.65E-03	1.27E-03	4.22E-04	9.88E-04	2.03E-04
5055	624638.42	4266228.39	6.37E-03	2.19E-03	5.32E-03	1.64E-03	1.26E-03	4.20E-04	9.83E-04	2.02E-04
5056	624668.09	4266228.92	6.25E-03	2.15E-03	5.22E-03	1.61E-03	1.24E-03	4.12E-04	9.64E-04	1.98E-04
5057	624677.98	4266229.1	6.20E-03	2.13E-03	5.18E-03	1.60E-03	1.23E-03	4.08E-04	9.56E-04	1.97E-04
5058	624687.86	4266229.27	6.13E-03	2.11E-03	5.12E-03	1.58E-03	1.21E-03	4.04E-04	9.46E-04	1.95E-04
5059	624697.75	4266229.45	6.05E-03	2.08E-03	5.05E-03	1.56E-03	1.20E-03	3.98E-04	9.33E-04	1.92E-04
5060	624707.64	4266229.62	5.95E-03	2.05E-03	4.98E-03	1.53E-03	1.18E-03	3.92E-04	9.19E-04	1.89E-04
5061	624717.53	4266229.8	5.86E-03	2.01E-03	4.90E-03	1.51E-03	1.16E-03	3.86E-04	9.04E-04	1.86E-04
5062	624747.2	4266230.33	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04	1.76E-04
5063	624757.09	4266230.51	5.44E-03	1.87E-03	4.55E-03	1.40E-03	1.08E-03	3.58E-04	8.39E-04	1.73E-04
5064	624766.98	4266230.68	5.30E-03	1.82E-03	4.43E-03	1.37E-03	1.05E-03	3.49E-04	8.18E-04	1.68E-04
5065	624776.87	4266230.86	5.15E-03	1.77E-03	4.31E-03	1.33E-03	1.02E-03	3.39E-04	7.95E-04	1.64E-04
5066	624786.76	4266231.04	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04	1.59E-04
5067	624796.65	4266231.21	4.84E-03	1.66E-03	4.04E-03	1.25E-03	9.58E-04	3.19E-04	7.47E-04	1.54E-04
5068	624806.53	4266231.39	4.68E-03	1.61E-03	3.91E-03	1.20E-03	9.25E-04	3.08E-04	7.21E-04	1.48E-04
5069	624816.42	4266231.57	4.50E-03	1.55E-03	3.76E-03	1.16E-03	8.90E-04	2.96E-04	6.94E-04	1.43E-04
5070	624826.31	4266231.74	4.30E-03	1.48E-03	3.59E-03	1.11E-03	8.51E-04	2.83E-04	6.64E-04	1.36E-04
5071	624836.2	4266231.92	4.09E-03	1.41E-03	3.42E-03	1.05E-03	8.09E-04	2.69E-04	6.31E-04	1.30E-04
5072	624846.09	4266232.1	3.87E-03	1.33E-03	3.23E-03	9.96E-04	7.66E-04	2.55E-04	5.97E-04	1.23E-04
5073	624342.45	4266229.35	3.35E-03	1.15E-03	2.80E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04	1.06E-04
5074	624333.44	4266225.44	3.26E-03	1.12E-03	2.72E-03	8.39E-04	6.45E-04	2.15E-04	5.03E-04	1.03E-04
5075	624324.43	4266221.53	3.16E-03	1.09E-03	2.64E-03	8.14E-04	6.26E-04	2.08E-04	4.88E-04	1.00E-04
5076	624315.42	4266217.62	3.06E-03	1.05E-03	2.56E-03	7.88E-04	6.06E-04	2.02E-04	4.72E-04	9.71E-05
5077	624306.42	4266213.71	2.95E-03	1.01E-03	2.47E-03	7.60E-04	5.84E-04	1.94E-04	4.55E-04	9.37E-05
5078	624297.41	4266209.79	2.84E-03	9.77E-04	2.37E-03	7.32E-04	5.62E-04	1.87E-04	4.38E-04	9.02E-05
5079	624281.16	4266187.62	2.74E-03	9.41E-04	2.29E-03	7.04E-04	5.41E-04	1.80E-04	4.22E-04	8.68E-05
5080	624277.54	4266178.5	2.73E-03	9.38E-04	2.28E-03	7.03E-04	5.40E-04	1.80E-04	4.21E-04	8.66E-05
5081	624273.93	4266169.37	2.72E-03	9.34E-04	2.27E-03	7.00E-04	5.38E-04	1.79E-04	4.19E-04	8.62E-05
5082	624351.45	4266233.27	3.42E-03	1.18E-03	2.86E-03	8.81E-04	6.77E-04	2.25E-04	5.28E-04	1.09E-04
5083	624361.34	4266233.44	3.57E-03	1.23E-03	2.99E-03	9.20E-04	7.07E-04	2.35E-04	5.51E-04	1.13E-04
5084	624371.23	4266233.62	3.73E-03	1.28E-03	3.12E-03	9.60E-04	7.38E-04	2.46E-04	5.75E-04	1.18E-04

5085	624381.12	4266233.8	3.89E-03	1.34E-03	3.25E-03	1.00E-03	7.70E-04	2.56E-04	6.00E-04	1.23E-04
5086	624391.01	4266233.97	4.06E-03	1.39E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04	1.29E-04
5087	624400.9	4266234.15	4.22E-03	1.45E-03	3.53E-03	1.09E-03	8.36E-04	2.78E-04	6.52E-04	1.34E-04
5088	624410.79	4266234.33	4.40E-03	1.51E-03	3.68E-03	1.13E-03	8.70E-04	2.90E-04	6.79E-04	1.40E-04
5089	624420.68	4266234.5	4.57E-03	1.57E-03	3.82E-03	1.18E-03	9.04E-04	3.01E-04	7.05E-04	1.45E-04
5090	624450.35	4266235.03	5.03E-03	1.73E-03	4.21E-03	1.30E-03	9.96E-04	3.32E-04	7.76E-04	1.60E-04
5091	624460.23	4266235.21	5.16E-03	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.40E-04	7.97E-04	1.64E-04
5092	624470.12	4266235.38	5.29E-03	1.82E-03	4.42E-03	1.36E-03	1.05E-03	3.49E-04	8.16E-04	1.68E-04
5093	624480.01	4266235.56	5.41E-03	1.86E-03	4.52E-03	1.39E-03	1.07E-03	3.56E-04	8.34E-04	1.72E-04
5094	624489.9	4266235.74	5.51E-03	1.89E-03	4.61E-03	1.42E-03	1.09E-03	3.63E-04	8.50E-04	1.75E-04
5095	624499.79	4266235.91	5.60E-03	1.93E-03	4.68E-03	1.44E-03	1.11E-03	3.69E-04	8.64E-04	1.78E-04
5096	624529.46	4266236.44	5.80E-03	2.00E-03	4.85E-03	1.49E-03	1.15E-03	3.82E-04	8.95E-04	1.84E-04
5097	624539.35	4266236.62	5.85E-03	2.01E-03	4.89E-03	1.51E-03	1.16E-03	3.86E-04	9.03E-04	1.86E-04
5098	624549.24	4266236.8	5.90E-03	2.03E-03	4.93E-03	1.52E-03	1.17E-03	3.89E-04	9.11E-04	1.87E-04
5099	624559.13	4266236.97	5.94E-03	2.04E-03	4.96E-03	1.53E-03	1.18E-03	3.91E-04	9.17E-04	1.89E-04
5100	624569.02	4266237.15	5.97E-03	2.05E-03	4.99E-03	1.54E-03	1.18E-03	3.93E-04	9.21E-04	1.89E-04
5101	624578.9	4266237.33	5.98E-03	2.06E-03	5.00E-03	1.54E-03	1.18E-03	3.94E-04	9.23E-04	1.90E-04
5102	624588.79	4266237.5	5.99E-03	2.06E-03	5.01E-03	1.54E-03	1.19E-03	3.95E-04	9.24E-04	1.90E-04
5103	624598.68	4266237.68	5.99E-03	2.06E-03	5.01E-03	1.54E-03	1.19E-03	3.95E-04	9.24E-04	1.90E-04
5104	624608.57	4266237.86	5.99E-03	2.06E-03	5.00E-03	1.54E-03	1.19E-03	3.94E-04	9.24E-04	1.90E-04
5105	624618.46	4266238.03	5.98E-03	2.06E-03	5.00E-03	1.54E-03	1.18E-03	3.94E-04	9.22E-04	1.90E-04
5106	624628.35	4266238.21	5.96E-03	2.05E-03	4.98E-03	1.53E-03	1.18E-03	3.92E-04	9.19E-04	1.89E-04
5107	624638.24	4266238.39	5.93E-03	2.04E-03	4.95E-03	1.53E-03	1.17E-03	3.91E-04	9.15E-04	1.88E-04
5108	624667.91	4266238.92	5.81E-03	2.00E-03	4.86E-03	1.50E-03	1.15E-03	3.83E-04	8.97E-04	1.84E-04
5109	624677.8	4266239.09	5.76E-03	1.98E-03	4.82E-03	1.48E-03	1.14E-03	3.80E-04	8.89E-04	1.83E-04
5110	624687.69	4266239.27	5.70E-03	1.96E-03	4.76E-03	1.47E-03	1.13E-03	3.76E-04	8.79E-04	1.81E-04
5111	624697.58	4266239.45	5.62E-03	1.93E-03	4.70E-03	1.45E-03	1.11E-03	3.71E-04	8.68E-04	1.79E-04
5112	624707.46	4266239.62	5.54E-03	1.91E-03	4.63E-03	1.43E-03	1.10E-03	3.65E-04	8.55E-04	1.76E-04
5113	624717.35	4266239.8	5.45E-03	1.87E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.41E-04	1.73E-04
5114	624747.02	4266240.33	5.16E-03	1.77E-03	4.31E-03	1.33E-03	1.02E-03	3.40E-04	7.96E-04	1.64E-04
5115	624756.91	4266240.51	5.05E-03	1.74E-03	4.22E-03	1.30E-03	9.99E-04	3.33E-04	7.79E-04	1.60E-04
5116	624766.8	4266240.68	4.93E-03	1.69E-03	4.12E-03	1.27E-03	9.75E-04	3.24E-04	7.60E-04	1.56E-04
5117	624776.69	4266240.86	4.79E-03	1.65E-03	4.01E-03	1.23E-03	9.49E-04	3.16E-04	7.40E-04	1.52E-04
5118	624786.58	4266241.04	4.65E-03	1.60E-03	3.89E-03	1.20E-03	9.21E-04	3.07E-04	7.18E-04	1.48E-04
5119	624796.47	4266241.21	4.51E-03	1.55E-03	3.77E-03	1.16E-03	8.93E-04	2.97E-04	6.96E-04	1.43E-04
5120	624806.36	4266241.39	4.37E-03	1.50E-03	3.65E-03	1.12E-03	8.65E-04	2.88E-04	6.74E-04	1.39E-04
5121	624816.25	4266241.57	4.21E-03	1.45E-03	3.52E-03	1.09E-03	8.34E-04	2.78E-04	6.50E-04	1.34E-04
5122	624826.13	4266241.74	4.05E-03	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.25E-04	1.28E-04
5123	624836.02	4266241.92	3.87E-03	1.33E-03	3.23E-03	9.96E-04	7.66E-04	2.55E-04	5.97E-04	1.23E-04
5124	624845.91	4266242.1	3.68E-03	1.27E-03	3.08E-03	9.47E-04	7.28E-04	2.42E-04	5.68E-04	1.17E-04
5125	624342.52	4266239.46	3.20E-03	1.10E-03	2.67E-03	8.23E-04	6.33E-04	2.11E-04	4.93E-04	1.01E-04
5126	624333.76	4266235.66	3.13E-03	1.08E-03	2.61E-03	8.05E-04	6.19E-04	2.06E-04	4.82E-04	9.92E-05
5127	624325	4266231.85	3.05E-03	1.05E-03	2.55E-03	7.85E-04	6.03E-04	2.01E-04	4.70E-04	9.67E-05
5128	624316.25	4266228.05	2.96E-03	1.02E-03	2.48E-03	7.63E-04	5.86E-04	1.95E-04	4.57E-04	9.40E-05
5129	624307.49	4266224.25	2.87E-03	9.87E-04	2.40E-03	7.39E-04	5.68E-04	1.89E-04	4.43E-04	9.11E-05
5130	624298.73	4266220.45	2.78E-03	9.55E-04	2.32E-03	7.15E-04	5.50E-04	1.83E-04	4.28E-04	8.81E-05
5131	624289.97	4266216.64	2.68E-03	9.22E-04	2.24E-03	6.90E-04	5.31E-04	1.77E-04	4.14E-04	8.51E-05
5132	624274.18	4266195.09	2.59E-03	8.90E-04	2.16E-03	6.67E-04	5.12E-04	1.71E-04	4.00E-04	8.22E-05
5133	624270.66	4266186.21	2.58E-03	8.89E-04	2.16E-03	6.65E-04	5.12E-04	1.70E-04	3.99E-04	8.20E-05
5134	624267.14	4266177.34	2.58E-03	8.86E-04	2.15E-03	6.63E-04	5.10E-04	1.70E-04	3.97E-04	8.17E-05
5135	624263.62	4266168.46	2.56E-03	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.95E-04	8.13E-05
5136	624351.27	4266243.26	3.26E-03	1.12E-03	2.73E-03	8.40E-04	6.46E-04	2.15E-04	5.03E-04	1.04E-04
5137	624361.16	4266243.44	3.40E-03	1.17E-03	2.84E-03	8.74E-04	6.72E-04	2.24E-04	5.24E-04	1.08E-04

5138	624371.05	4266243.62	3.53E-03	1.22E-03	2.95E-03	9.10E-04	7.00E-04	2.33E-04	5.45E-04	1.12E-04
5139	624380.94	4266243.79	3.68E-03	1.26E-03	3.07E-03	9.46E-04	7.28E-04	2.42E-04	5.67E-04	1.17E-04
5140	624390.83	4266243.97	3.82E-03	1.31E-03	3.19E-03	9.83E-04	7.56E-04	2.52E-04	5.89E-04	1.21E-04
5141	624400.72	4266244.15	3.97E-03	1.36E-03	3.31E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04	1.26E-04
5142	624410.61	4266244.32	4.12E-03	1.42E-03	3.44E-03	1.06E-03	8.15E-04	2.71E-04	6.35E-04	1.31E-04
5143	624420.5	4266244.5	4.27E-03	1.47E-03	3.57E-03	1.10E-03	8.45E-04	2.81E-04	6.58E-04	1.35E-04
5144	624450.17	4266245.03	4.69E-03	1.61E-03	3.92E-03	1.21E-03	9.28E-04	3.09E-04	7.23E-04	1.49E-04
5145	624460.06	4266245.21	4.81E-03	1.65E-03	4.02E-03	1.24E-03	9.52E-04	3.17E-04	7.42E-04	1.53E-04
5146	624469.94	4266245.38	4.92E-03	1.69E-03	4.11E-03	1.27E-03	9.74E-04	3.24E-04	7.60E-04	1.56E-04
5147	624479.83	4266245.56	5.03E-03	1.73E-03	4.20E-03	1.29E-03	9.95E-04	3.31E-04	7.76E-04	1.60E-04
5148	624489.72	4266245.74	5.13E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.38E-04	7.91E-04	1.63E-04
5149	624499.61	4266245.91	5.21E-03	1.79E-03	4.36E-03	1.34E-03	1.03E-03	3.44E-04	8.05E-04	1.65E-04
5150	624529.28	4266246.44	5.40E-03	1.86E-03	4.52E-03	1.39E-03	1.07E-03	3.56E-04	8.34E-04	1.71E-04
5151	624539.17	4266246.62	5.45E-03	1.87E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.41E-04	1.73E-04
5152	624549.06	4266246.8	5.50E-03	1.89E-03	4.59E-03	1.41E-03	1.09E-03	3.62E-04	8.48E-04	1.74E-04
5153	624558.95	4266246.97	5.53E-03	1.90E-03	4.62E-03	1.42E-03	1.10E-03	3.65E-04	8.54E-04	1.76E-04
5154	624568.84	4266247.15	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04	1.76E-04
5155	624578.73	4266247.33	5.58E-03	1.92E-03	4.66E-03	1.44E-03	1.10E-03	3.67E-04	8.60E-04	1.77E-04
5156	624588.62	4266247.5	5.58E-03	1.92E-03	4.67E-03	1.44E-03	1.10E-03	3.68E-04	8.61E-04	1.77E-04
5157	624598.5	4266247.68	5.58E-03	1.92E-03	4.67E-03	1.44E-03	1.11E-03	3.68E-04	8.62E-04	1.77E-04
5158	624608.39	4266247.86	5.58E-03	1.92E-03	4.67E-03	1.44E-03	1.10E-03	3.68E-04	8.61E-04	1.77E-04
5159	624618.28	4266248.03	5.57E-03	1.92E-03	4.66E-03	1.44E-03	1.10E-03	3.67E-04	8.60E-04	1.77E-04
5160	624628.17	4266248.21	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04	1.76E-04
5161	624638.06	4266248.39	5.53E-03	1.90E-03	4.63E-03	1.42E-03	1.10E-03	3.65E-04	8.54E-04	1.76E-04
5162	624667.73	4266248.92	5.42E-03	1.86E-03	4.53E-03	1.40E-03	1.07E-03	3.57E-04	8.37E-04	1.72E-04
5163	624677.62	4266249.09	5.37E-03	1.85E-03	4.49E-03	1.38E-03	1.06E-03	3.54E-04	8.29E-04	1.71E-04
5164	624687.51	4266249.27	5.32E-03	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.21E-04	1.69E-04
5165	624697.4	4266249.45	5.25E-03	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.10E-04	1.67E-04
5166	624707.29	4266249.62	5.17E-03	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.41E-04	7.98E-04	1.64E-04
5167	624717.17	4266249.8	5.09E-03	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.85E-04	1.61E-04
5168	624746.84	4266250.33	4.81E-03	1.65E-03	4.02E-03	1.24E-03	9.52E-04	3.17E-04	7.42E-04	1.53E-04
5169	624756.73	4266250.5	4.71E-03	1.62E-03	3.93E-03	1.21E-03	9.32E-04	3.10E-04	7.26E-04	1.49E-04
5170	624766.62	4266250.68	4.60E-03	1.58E-03	3.84E-03	1.18E-03	9.10E-04	3.03E-04	7.09E-04	1.46E-04
5171	624776.51	4266250.86	4.48E-03	1.54E-03	3.74E-03	1.15E-03	8.87E-04	2.95E-04	6.91E-04	1.42E-04
5172	624786.4	4266251.03	4.36E-03	1.50E-03	3.64E-03	1.12E-03	8.62E-04	2.87E-04	6.72E-04	1.38E-04
5173	624796.29	4266251.21	4.23E-03	1.45E-03	3.53E-03	1.09E-03	8.37E-04	2.79E-04	6.53E-04	1.34E-04
5174	624806.18	4266251.39	4.10E-03	1.41E-03	3.43E-03	1.06E-03	8.12E-04	2.70E-04	6.33E-04	1.30E-04
5175	624816.07	4266251.56	3.97E-03	1.36E-03	3.31E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04	1.26E-04
5176	624825.96	4266251.74	3.82E-03	1.31E-03	3.19E-03	9.84E-04	7.56E-04	2.52E-04	5.89E-04	1.21E-04
5177	624835.85	4266251.92	3.67E-03	1.26E-03	3.06E-03	9.44E-04	7.25E-04	2.41E-04	5.66E-04	1.16E-04
5178	624845.73	4266252.09	3.50E-03	1.20E-03	2.93E-03	9.02E-04	6.93E-04	2.31E-04	5.41E-04	1.11E-04
5179	624342.07	4266264.46	2.87E-03	9.87E-04	2.40E-03	7.39E-04	5.68E-04	1.89E-04	4.43E-04	9.11E-05
5180	624333.31	4266260.65	2.82E-03	9.70E-04	2.36E-03	7.26E-04	5.58E-04	1.86E-04	4.35E-04	8.95E-05
5181	624324.56	4266256.85	2.77E-03	9.51E-04	2.31E-03	7.12E-04	5.47E-04	1.82E-04	4.27E-04	8.78E-05
5182	624315.8	4266253.05	2.70E-03	9.30E-04	2.26E-03	6.96E-04	5.35E-04	1.78E-04	4.17E-04	8.58E-05
5183	624307.04	4266249.24	2.64E-03	9.08E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.07E-04	8.38E-05
5184	624298.28	4266245.44	2.57E-03	8.84E-04	2.15E-03	6.62E-04	5.09E-04	1.69E-04	3.97E-04	8.16E-05
5185	624289.53	4266241.64	2.50E-03	8.59E-04	2.09E-03	6.43E-04	4.94E-04	1.65E-04	3.85E-04	7.93E-05
5186	624280.77	4266237.83	2.42E-03	8.33E-04	2.03E-03	6.24E-04	4.80E-04	1.60E-04	3.74E-04	7.69E-05
5187	624272.01	4266234.03	2.35E-03	8.08E-04	1.96E-03	6.05E-04	4.65E-04	1.55E-04	3.62E-04	7.45E-05
5188	624259.74	4266221.35	2.28E-03	7.83E-04	1.90E-03	5.87E-04	4.51E-04	1.50E-04	3.52E-04	7.23E-05
5189	624256.22	4266212.48	2.28E-03	7.84E-04	1.90E-03	5.87E-04	4.51E-04	1.50E-04	3.52E-04	7.23E-05
5190	624249.18	4266194.73	2.27E-03	7.81E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04	7.21E-05

5191	624245.66	4266185.85	2.26E-03	7.78E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04	7.18E-05
5192	624242.15	4266176.97	2.25E-03	7.74E-04	1.88E-03	5.80E-04	4.46E-04	1.48E-04	3.48E-04	7.15E-05
5193	624238.63	4266168.1	2.24E-03	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04	7.10E-05
5194	624350.83	4266268.26	2.92E-03	1.00E-03	2.44E-03	7.52E-04	5.78E-04	1.92E-04	4.50E-04	9.27E-05
5195	624360.72	4266268.44	3.02E-03	1.04E-03	2.53E-03	7.78E-04	5.98E-04	1.99E-04	4.66E-04	9.59E-05
5196	624370.61	4266268.61	3.13E-03	1.07E-03	2.61E-03	8.05E-04	6.19E-04	2.06E-04	4.82E-04	9.92E-05
5197	624380.5	4266268.79	3.23E-03	1.11E-03	2.70E-03	8.31E-04	6.39E-04	2.13E-04	4.98E-04	1.02E-04
5198	624390.38	4266268.97	3.33E-03	1.15E-03	2.79E-03	8.58E-04	6.60E-04	2.20E-04	5.14E-04	1.06E-04
5199	624400.27	4266269.14	3.44E-03	1.18E-03	2.87E-03	8.86E-04	6.81E-04	2.27E-04	5.31E-04	1.09E-04
5200	624410.16	4266269.32	3.55E-03	1.22E-03	2.97E-03	9.14E-04	7.03E-04	2.34E-04	5.48E-04	1.13E-04
5201	624420.05	4266269.5	3.66E-03	1.26E-03	3.06E-03	9.43E-04	7.25E-04	2.41E-04	5.65E-04	1.16E-04
5202	624449.72	4266270.03	3.98E-03	1.37E-03	3.33E-03	1.03E-03	7.88E-04	2.62E-04	6.15E-04	1.26E-04
5203	624459.61	4266270.2	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04	1.29E-04
5204	624469.5	4266270.38	4.17E-03	1.43E-03	3.49E-03	1.07E-03	8.25E-04	2.75E-04	6.43E-04	1.32E-04
5205	624479.39	4266270.56	4.26E-03	1.46E-03	3.56E-03	1.10E-03	8.42E-04	2.80E-04	6.57E-04	1.35E-04
5206	624489.28	4266270.73	4.34E-03	1.49E-03	3.62E-03	1.12E-03	8.58E-04	2.86E-04	6.69E-04	1.38E-04
5207	624499.17	4266270.91	4.41E-03	1.52E-03	3.69E-03	1.14E-03	8.73E-04	2.91E-04	6.80E-04	1.40E-04
5208	624528.83	4266271.44	4.57E-03	1.57E-03	3.82E-03	1.18E-03	9.05E-04	3.01E-04	7.06E-04	1.45E-04
5209	624538.72	4266271.62	4.62E-03	1.59E-03	3.86E-03	1.19E-03	9.14E-04	3.04E-04	7.12E-04	1.46E-04
5210	624548.61	4266271.79	4.65E-03	1.60E-03	3.89E-03	1.20E-03	9.21E-04	3.07E-04	7.18E-04	1.48E-04
5211	624558.5	4266271.97	4.69E-03	1.61E-03	3.92E-03	1.21E-03	9.28E-04	3.09E-04	7.23E-04	1.49E-04
5212	624568.39	4266272.15	4.71E-03	1.62E-03	3.94E-03	1.21E-03	9.32E-04	3.10E-04	7.27E-04	1.49E-04
5213	624578.28	4266272.32	4.73E-03	1.62E-03	3.95E-03	1.22E-03	9.35E-04	3.11E-04	7.29E-04	1.50E-04
5214	624588.17	4266272.5	4.73E-03	1.63E-03	3.96E-03	1.22E-03	9.37E-04	3.12E-04	7.30E-04	1.50E-04
5215	624598.06	4266272.68	4.74E-03	1.63E-03	3.96E-03	1.22E-03	9.38E-04	3.12E-04	7.31E-04	1.50E-04
5216	624607.95	4266272.85	4.74E-03	1.63E-03	3.96E-03	1.22E-03	9.38E-04	3.12E-04	7.31E-04	1.50E-04
5217	624617.84	4266273.03	4.73E-03	1.63E-03	3.96E-03	1.22E-03	9.37E-04	3.12E-04	7.30E-04	1.50E-04
5218	624627.73	4266273.2	4.72E-03	1.62E-03	3.95E-03	1.22E-03	9.35E-04	3.11E-04	7.29E-04	1.50E-04
5219	624637.61	4266273.38	4.70E-03	1.62E-03	3.93E-03	1.21E-03	9.31E-04	3.10E-04	7.26E-04	1.49E-04
5220	624667.28	4266273.91	4.61E-03	1.59E-03	3.85E-03	1.19E-03	9.13E-04	3.04E-04	7.11E-04	1.46E-04
5221	624677.17	4266274.09	4.57E-03	1.57E-03	3.82E-03	1.18E-03	9.05E-04	3.01E-04	7.05E-04	1.45E-04
5222	624687.06	4266274.26	4.53E-03	1.56E-03	3.78E-03	1.17E-03	8.96E-04	2.98E-04	6.99E-04	1.44E-04
5223	624696.95	4266274.44	4.47E-03	1.54E-03	3.74E-03	1.15E-03	8.85E-04	2.95E-04	6.90E-04	1.42E-04
5224	624706.84	4266274.62	4.41E-03	1.52E-03	3.68E-03	1.13E-03	8.72E-04	2.90E-04	6.80E-04	1.40E-04
5225	624716.73	4266274.79	4.34E-03	1.49E-03	3.62E-03	1.12E-03	8.58E-04	2.86E-04	6.69E-04	1.38E-04
5226	624746.4	4266275.32	4.10E-03	1.41E-03	3.43E-03	1.06E-03	8.12E-04	2.70E-04	6.33E-04	1.30E-04
5227	624756.29	4266275.5	4.02E-03	1.38E-03	3.36E-03	1.04E-03	7.96E-04	2.65E-04	6.20E-04	1.28E-04
5228	624766.17	4266275.68	3.93E-03	1.35E-03	3.29E-03	1.01E-03	7.79E-04	2.59E-04	6.07E-04	1.25E-04
5229	624776.06	4266275.85	3.84E-03	1.32E-03	3.21E-03	9.89E-04	7.61E-04	2.53E-04	5.93E-04	1.22E-04
5230	624785.95	4266276.03	3.75E-03	1.29E-03	3.13E-03	9.65E-04	7.42E-04	2.47E-04	5.78E-04	1.19E-04
5231	624795.84	4266276.21	3.65E-03	1.26E-03	3.05E-03	9.40E-04	7.22E-04	2.40E-04	5.63E-04	1.16E-04
5232	624805.73	4266276.38	3.55E-03	1.22E-03	2.97E-03	9.14E-04	7.03E-04	2.34E-04	5.48E-04	1.13E-04
5233	624815.62	4266276.56	3.45E-03	1.19E-03	2.88E-03	8.88E-04	6.83E-04	2.27E-04	5.32E-04	1.09E-04
5234	624825.51	4266276.74	3.34E-03	1.15E-03	2.80E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04	1.06E-04
5235	624835.4	4266276.91	3.23E-03	1.11E-03	2.70E-03	8.32E-04	6.40E-04	2.13E-04	4.99E-04	1.03E-04
5236	624845.29	4266277.09	3.12E-03	1.07E-03	2.60E-03	8.02E-04	6.17E-04	2.05E-04	4.81E-04	9.89E-05
5237	624315.35	4266278.04	2.48E-03	8.52E-04	2.07E-03	6.38E-04	4.90E-04	1.63E-04	3.82E-04	7.86E-05
5238	624306.6	4266274.24	2.43E-03	8.35E-04	2.03E-03	6.25E-04	4.81E-04	1.60E-04	3.75E-04	7.71E-05
5239	624297.84	4266270.44	2.38E-03	8.17E-04	1.99E-03	6.12E-04	4.71E-04	1.57E-04	3.67E-04	7.54E-05
5240	624289.08	4266266.63	2.32E-03	7.99E-04	1.94E-03	5.98E-04	4.60E-04	1.53E-04	3.58E-04	7.37E-05
5241	624280.32	4266262.83	2.26E-03	7.79E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04	7.19E-05
5242	624271.57	4266259.03	2.20E-03	7.58E-04	1.84E-03	5.68E-04	4.36E-04	1.45E-04	3.40E-04	7.00E-05
5243	624262.81	4266255.22	2.14E-03	7.37E-04	1.79E-03	5.52E-04	4.24E-04	1.41E-04	3.31E-04	6.80E-05

5244	624254.05	4266251.42	2.08E-03	7.16E-04	1.74E-03	5.36E-04	4.12E-04	1.37E-04	3.21E-04	6.61E-05
5245	624241.78	4266238.74	2.03E-03	6.97E-04	1.69E-03	5.22E-04	4.01E-04	1.34E-04	3.13E-04	6.43E-05
5246	624238.26	4266229.87	2.03E-03	6.98E-04	1.70E-03	5.22E-04	4.02E-04	1.34E-04	3.13E-04	6.44E-05
5247	624234.74	4266220.99	2.03E-03	6.97E-04	1.69E-03	5.22E-04	4.01E-04	1.34E-04	3.13E-04	6.44E-05
5248	624231.22	4266212.12	2.03E-03	6.96E-04	1.69E-03	5.21E-04	4.01E-04	1.33E-04	3.12E-04	6.43E-05
5249	624227.7	4266203.24	2.02E-03	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
5250	624224.18	4266194.36	2.01E-03	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.11E-04	6.39E-05
5251	624220.67	4266185.49	2.00E-03	6.89E-04	1.67E-03	5.16E-04	3.96E-04	1.32E-04	3.09E-04	6.36E-05
5252	624217.15	4266176.61	1.99E-03	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04	6.32E-05
5253	624213.63	4266167.74	1.97E-03	6.79E-04	1.65E-03	5.08E-04	3.91E-04	1.30E-04	3.05E-04	6.27E-05
5254	624449.27	4266295.02	3.45E-03	1.19E-03	2.88E-03	8.88E-04	6.83E-04	2.27E-04	5.32E-04	1.09E-04
5255	624459.16	4266295.2	3.52E-03	1.21E-03	2.94E-03	9.07E-04	6.97E-04	2.32E-04	5.44E-04	1.12E-04
5256	624469.05	4266295.38	3.60E-03	1.24E-03	3.01E-03	9.26E-04	7.12E-04	2.37E-04	5.55E-04	1.14E-04
5257	624478.94	4266295.55	3.67E-03	1.26E-03	3.06E-03	9.44E-04	7.25E-04	2.41E-04	5.66E-04	1.16E-04
5258	624488.83	4266295.73	3.73E-03	1.28E-03	3.12E-03	9.60E-04	7.38E-04	2.46E-04	5.76E-04	1.18E-04
5259	624498.72	4266295.91	3.79E-03	1.30E-03	3.17E-03	9.76E-04	7.50E-04	2.50E-04	5.85E-04	1.20E-04
5260	624577.83	4266297.32	4.06E-03	1.40E-03	3.39E-03	1.05E-03	8.04E-04	2.68E-04	6.27E-04	1.29E-04
5261	624587.72	4266297.49	4.07E-03	1.40E-03	3.40E-03	1.05E-03	8.06E-04	2.68E-04	6.28E-04	1.29E-04
5262	624597.61	4266297.67	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04	1.29E-04
5263	624607.5	4266297.85	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04	1.29E-04
5264	624617.39	4266298.02	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04	1.29E-04
5265	624627.28	4266298.2	4.07E-03	1.40E-03	3.40E-03	1.05E-03	8.05E-04	2.68E-04	6.27E-04	1.29E-04
5266	624637.17	4266298.38	4.05E-03	1.39E-03	3.39E-03	1.04E-03	8.02E-04	2.67E-04	6.25E-04	1.29E-04
5267	624666.84	4266298.91	3.97E-03	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.13E-04	1.26E-04
5268	624676.73	4266299.08	3.94E-03	1.36E-03	3.30E-03	1.02E-03	7.80E-04	2.60E-04	6.08E-04	1.25E-04
5269	624686.61	4266299.26	3.90E-03	1.34E-03	3.26E-03	1.01E-03	7.73E-04	2.57E-04	6.03E-04	1.24E-04
5270	624696.5	4266299.44	3.86E-03	1.33E-03	3.23E-03	9.94E-04	7.64E-04	2.54E-04	5.96E-04	1.23E-04
5271	624706.39	4266299.61	3.81E-03	1.31E-03	3.18E-03	9.81E-04	7.54E-04	2.51E-04	5.88E-04	1.21E-04
5272	624716.28	4266299.79	3.75E-03	1.29E-03	3.14E-03	9.66E-04	7.42E-04	2.47E-04	5.79E-04	1.19E-04
5273	624726.17	4266299.97	3.69E-03	1.27E-03	3.08E-03	9.50E-04	7.30E-04	2.43E-04	5.69E-04	1.17E-04
5274	624341.18	4266314.45	2.37E-03	8.16E-04	1.98E-03	6.11E-04	4.69E-04	1.56E-04	3.66E-04	7.53E-05
5275	624332.42	4266310.65	2.34E-03	8.05E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.61E-04	7.43E-05
5276	624323.66	4266306.84	2.31E-03	7.94E-04	1.93E-03	5.95E-04	4.57E-04	1.52E-04	3.56E-04	7.33E-05
5277	624314.91	4266303.04	2.28E-03	7.83E-04	1.90E-03	5.86E-04	4.51E-04	1.50E-04	3.51E-04	7.22E-05
5278	624306.15	4266299.24	2.24E-03	7.70E-04	1.87E-03	5.77E-04	4.43E-04	1.48E-04	3.46E-04	7.11E-05
5279	624297.39	4266295.43	2.20E-03	7.57E-04	1.84E-03	5.67E-04	4.36E-04	1.45E-04	3.40E-04	6.98E-05
5280	624288.63	4266291.63	2.16E-03	7.42E-04	1.80E-03	5.56E-04	4.27E-04	1.42E-04	3.33E-04	6.85E-05
5281	624279.88	4266287.83	2.11E-03	7.27E-04	1.77E-03	5.44E-04	4.18E-04	1.39E-04	3.26E-04	6.71E-05
5282	624271.12	4266284.02	2.07E-03	7.11E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04	6.56E-05
5283	624262.36	4266280.22	2.02E-03	6.94E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
5284	624253.6	4266276.42	1.97E-03	6.77E-04	1.65E-03	5.07E-04	3.90E-04	1.30E-04	3.04E-04	6.25E-05
5285	624244.85	4266272.61	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
5286	624236.09	4266268.81	1.87E-03	6.43E-04	1.56E-03	4.81E-04	3.70E-04	1.23E-04	2.88E-04	5.93E-05
5287	624223.81	4266256.13	1.82E-03	6.27E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04	5.78E-05
5288	624220.3	4266247.26	1.82E-03	6.27E-04	1.52E-03	4.70E-04	3.61E-04	1.20E-04	2.81E-04	5.79E-05
5289	624216.78	4266238.38	1.82E-03	6.27E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04	5.79E-05
5290	624213.26	4266229.51	1.82E-03	6.26E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04	5.78E-05
5291	624209.74	4266220.63	1.82E-03	6.25E-04	1.52E-03	4.68E-04	3.60E-04	1.20E-04	2.81E-04	5.77E-05
5292	624206.22	4266211.75	1.81E-03	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.19E-04	2.80E-04	5.75E-05
5293	624202.71	4266202.88	1.81E-03	6.21E-04	1.51E-03	4.65E-04	3.58E-04	1.19E-04	2.79E-04	5.73E-05
5294	624199.19	4266194	1.80E-03	6.18E-04	1.50E-03	4.63E-04	3.56E-04	1.18E-04	2.77E-04	5.71E-05
5295	624195.67	4266185.13	1.79E-03	6.14E-04	1.49E-03	4.60E-04	3.54E-04	1.18E-04	2.76E-04	5.67E-05
5296	624192.15	4266176.25	1.77E-03	6.10E-04	1.48E-03	4.57E-04	3.51E-04	1.17E-04	2.74E-04	5.63E-05

5297	624188.63	4266167.38	1.76E-03	6.04E-04	1.47E-03	4.53E-04	3.48E-04	1.16E-04	2.71E-04	5.58E-05
5298	624349.94	4266318.25	2.40E-03	8.24E-04	2.00E-03	6.17E-04	4.75E-04	1.58E-04	3.70E-04	7.61E-05
5299	624359.82	4266318.43	2.46E-03	8.46E-04	2.06E-03	6.33E-04	4.87E-04	1.62E-04	3.80E-04	7.81E-05
5300	624369.71	4266318.61	2.52E-03	8.67E-04	2.11E-03	6.49E-04	4.99E-04	1.66E-04	3.89E-04	8.00E-05
5301	624379.6	4266318.78	2.58E-03	8.88E-04	2.16E-03	6.65E-04	5.11E-04	1.70E-04	3.99E-04	8.20E-05
5302	624389.49	4266318.96	2.64E-03	9.10E-04	2.21E-03	6.81E-04	5.24E-04	1.74E-04	4.08E-04	8.39E-05
5303	624399.38	4266319.14	2.71E-03	9.31E-04	2.26E-03	6.97E-04	5.36E-04	1.78E-04	4.18E-04	8.60E-05
5304	624409.27	4266319.31	2.77E-03	9.54E-04	2.32E-03	7.14E-04	5.49E-04	1.83E-04	4.28E-04	8.80E-05
5305	624419.16	4266319.49	2.84E-03	9.76E-04	2.37E-03	7.31E-04	5.62E-04	1.87E-04	4.38E-04	9.01E-05
5306	624448.83	4266320.02	3.03E-03	1.04E-03	2.53E-03	7.80E-04	5.99E-04	2.00E-04	4.67E-04	9.61E-05
5307	624458.72	4266320.19	3.09E-03	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.77E-04	9.80E-05
5308	624468.61	4266320.37	3.15E-03	1.08E-03	2.63E-03	8.10E-04	6.23E-04	2.07E-04	4.85E-04	9.98E-05
5309	624478.49	4266320.55	3.20E-03	1.10E-03	2.68E-03	8.24E-04	6.34E-04	2.11E-04	4.94E-04	1.02E-04
5310	624488.38	4266320.72	3.25E-03	1.12E-03	2.72E-03	8.38E-04	6.44E-04	2.14E-04	5.02E-04	1.03E-04
5311	624498.27	4266320.9	3.30E-03	1.14E-03	2.76E-03	8.50E-04	6.54E-04	2.18E-04	5.09E-04	1.05E-04
5312	624527.94	4266321.43	3.42E-03	1.18E-03	2.86E-03	8.80E-04	6.77E-04	2.25E-04	5.28E-04	1.09E-04
5313	624537.83	4266321.61	3.45E-03	1.19E-03	2.88E-03	8.88E-04	6.83E-04	2.27E-04	5.32E-04	1.10E-04
5314	624547.72	4266321.78	3.48E-03	1.20E-03	2.91E-03	8.95E-04	6.88E-04	2.29E-04	5.37E-04	1.10E-04
5315	624557.61	4266321.96	3.50E-03	1.20E-03	2.93E-03	9.01E-04	6.93E-04	2.31E-04	5.40E-04	1.11E-04
5316	624567.5	4266322.14	3.52E-03	1.21E-03	2.94E-03	9.06E-04	6.96E-04	2.32E-04	5.43E-04	1.12E-04
5317	624577.39	4266322.31	3.53E-03	1.21E-03	2.95E-03	9.09E-04	6.99E-04	2.33E-04	5.45E-04	1.12E-04
5318	624587.28	4266322.49	3.54E-03	1.22E-03	2.96E-03	9.12E-04	7.01E-04	2.33E-04	5.46E-04	1.12E-04
5319	624597.17	4266322.67	3.55E-03	1.22E-03	2.97E-03	9.14E-04	7.02E-04	2.34E-04	5.47E-04	1.13E-04
5320	624607.05	4266322.84	3.55E-03	1.22E-03	2.97E-03	9.14E-04	7.03E-04	2.34E-04	5.48E-04	1.13E-04
5321	624616.94	4266323.02	3.55E-03	1.22E-03	2.97E-03	9.14E-04	7.02E-04	2.34E-04	5.47E-04	1.13E-04
5322	624626.83	4266323.2	3.54E-03	1.22E-03	2.96E-03	9.11E-04	7.01E-04	2.33E-04	5.46E-04	1.12E-04
5323	624636.72	4266323.37	3.53E-03	1.21E-03	2.95E-03	9.08E-04	6.98E-04	2.32E-04	5.44E-04	1.12E-04
5324	624666.39	4266323.9	3.47E-03	1.19E-03	2.90E-03	8.92E-04	6.86E-04	2.28E-04	5.35E-04	1.10E-04
5325	624676.28	4266324.08	3.44E-03	1.18E-03	2.87E-03	8.85E-04	6.81E-04	2.27E-04	5.31E-04	1.09E-04
5326	624686.17	4266324.26	3.41E-03	1.17E-03	2.85E-03	8.77E-04	6.74E-04	2.24E-04	5.26E-04	1.08E-04
5327	624696.06	4266324.43	3.37E-03	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04	1.07E-04
5328	624705.95	4266324.61	3.33E-03	1.14E-03	2.78E-03	8.57E-04	6.59E-04	2.19E-04	5.14E-04	1.06E-04
5329	624715.84	4266324.79	3.28E-03	1.13E-03	2.74E-03	8.45E-04	6.50E-04	2.16E-04	5.07E-04	1.04E-04
5330	624725.72	4266324.96	3.24E-03	1.11E-03	2.70E-03	8.33E-04	6.41E-04	2.13E-04	4.99E-04	1.03E-04
5331	624745.5	4266325.32	3.14E-03	1.08E-03	2.62E-03	8.07E-04	6.21E-04	2.07E-04	4.84E-04	9.95E-05
5332	624755.39	4266325.49	3.08E-03	1.06E-03	2.58E-03	7.93E-04	6.10E-04	2.03E-04	4.75E-04	9.78E-05
5333	624765.28	4266325.67	3.02E-03	1.04E-03	2.53E-03	7.79E-04	5.99E-04	1.99E-04	4.67E-04	9.60E-05
5334	624775.17	4266325.85	2.97E-03	1.02E-03	2.48E-03	7.63E-04	5.87E-04	1.95E-04	4.58E-04	9.41E-05
5335	624785.06	4266326.02	2.91E-03	9.99E-04	2.43E-03	7.48E-04	5.75E-04	1.91E-04	4.48E-04	9.22E-05
5336	624794.95	4266326.2	2.84E-03	9.78E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04	9.03E-05
5337	624804.84	4266326.38	2.78E-03	9.57E-04	2.33E-03	7.17E-04	5.51E-04	1.83E-04	4.30E-04	8.83E-05
5338	624844.4	4266327.08	2.52E-03	8.67E-04	2.11E-03	6.49E-04	4.99E-04	1.66E-04	3.89E-04	8.00E-05
5339	624340.73	4266339.44	2.17E-03	7.47E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.35E-04	6.90E-05
5340	624331.97	4266335.64	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04	6.83E-05
5341	624323.22	4266331.84	2.13E-03	7.31E-04	1.78E-03	5.48E-04	4.21E-04	1.40E-04	3.28E-04	6.75E-05
5342	624314.46	4266328.04	2.10E-03	7.22E-04	1.76E-03	5.41E-04	4.16E-04	1.38E-04	3.24E-04	6.66E-05
5343	624305.7	4266324.23	2.07E-03	7.12E-04	1.73E-03	5.33E-04	4.10E-04	1.36E-04	3.20E-04	6.57E-05
5344	624296.94	4266320.43	2.04E-03	7.02E-04	1.71E-03	5.25E-04	4.04E-04	1.34E-04	3.15E-04	6.48E-05
5345	624288.19	4266316.63	2.01E-03	6.91E-04	1.68E-03	5.17E-04	3.98E-04	1.32E-04	3.10E-04	6.37E-05
5346	624279.43	4266312.82	1.97E-03	6.79E-04	1.65E-03	5.08E-04	3.91E-04	1.30E-04	3.05E-04	6.26E-05
5347	624270.67	4266309.02	1.94E-03	6.66E-04	1.62E-03	4.99E-04	3.83E-04	1.28E-04	2.99E-04	6.15E-05
5348	624261.92	4266305.22	1.90E-03	6.53E-04	1.59E-03	4.89E-04	3.76E-04	1.25E-04	2.93E-04	6.03E-05
5349	624253.16	4266301.41	1.86E-03	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04	5.90E-05

5350	624244.4	4266297.61	1.82E-03	6.25E-04	1.52E-03	4.68E-04	3.60E-04	1.20E-04	2.80E-04	5.77E-05
5351	624235.64	4266293.81	1.78E-03	6.10E-04	1.48E-03	4.57E-04	3.51E-04	1.17E-04	2.74E-04	5.63E-05
5352	624226.89	4266290	1.73E-03	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04	5.50E-05
5353	624218.13	4266286.2	1.69E-03	5.81E-04	1.41E-03	4.35E-04	3.35E-04	1.11E-04	2.61E-04	5.36E-05
5354	624205.85	4266273.52	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
5355	624202.34	4266264.65	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
5356	624198.82	4266255.77	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
5357	624195.3	4266246.89	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
5358	624191.78	4266238.02	1.65E-03	5.67E-04	1.38E-03	4.25E-04	3.26E-04	1.09E-04	2.54E-04	5.23E-05
5359	624188.26	4266229.14	1.65E-03	5.66E-04	1.38E-03	4.24E-04	3.26E-04	1.08E-04	2.54E-04	5.22E-05
5360	624184.74	4266220.27	1.64E-03	5.64E-04	1.37E-03	4.22E-04	3.25E-04	1.08E-04	2.53E-04	5.20E-05
5361	624181.23	4266211.39	1.63E-03	5.62E-04	1.37E-03	4.21E-04	3.23E-04	1.08E-04	2.52E-04	5.19E-05
5362	624177.71	4266202.52	1.63E-03	5.59E-04	1.36E-03	4.19E-04	3.22E-04	1.07E-04	2.51E-04	5.16E-05
5363	624174.19	4266193.64	1.62E-03	5.56E-04	1.35E-03	4.16E-04	3.20E-04	1.06E-04	2.49E-04	5.13E-05
5364	624170.67	4266184.77	1.60E-03	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04	5.09E-05
5365	624167.15	4266175.89	1.59E-03	5.47E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.45E-04	5.05E-05
5366	624163.64	4266167.01	1.58E-03	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
5367	624349.49	4266343.25	2.19E-03	7.54E-04	1.83E-03	5.64E-04	4.34E-04	1.44E-04	3.38E-04	6.96E-05
5368	624359.38	4266343.42	2.24E-03	7.71E-04	1.87E-03	5.77E-04	4.44E-04	1.48E-04	3.46E-04	7.12E-05
5369	624369.27	4266343.6	2.29E-03	7.88E-04	1.92E-03	5.90E-04	4.54E-04	1.51E-04	3.54E-04	7.27E-05
5370	624379.16	4266343.78	2.34E-03	8.05E-04	1.96E-03	6.03E-04	4.63E-04	1.54E-04	3.61E-04	7.43E-05
5371	624389.05	4266343.95	2.39E-03	8.22E-04	2.00E-03	6.15E-04	4.73E-04	1.57E-04	3.69E-04	7.59E-05
5372	624398.93	4266344.13	2.44E-03	8.39E-04	2.04E-03	6.28E-04	4.83E-04	1.61E-04	3.77E-04	7.74E-05
5373	624408.82	4266344.31	2.49E-03	8.57E-04	2.08E-03	6.41E-04	4.93E-04	1.64E-04	3.84E-04	7.91E-05
5374	624418.71	4266344.48	2.54E-03	8.74E-04	2.12E-03	6.54E-04	5.03E-04	1.67E-04	3.92E-04	8.07E-05
5375	624448.38	4266345.01	2.69E-03	9.25E-04	2.25E-03	6.92E-04	5.32E-04	1.77E-04	4.15E-04	8.53E-05
5376	624458.27	4266345.19	2.74E-03	9.41E-04	2.29E-03	7.05E-04	5.42E-04	1.80E-04	4.22E-04	8.69E-05
5377	624468.16	4266345.37	2.78E-03	9.57E-04	2.33E-03	7.17E-04	5.51E-04	1.83E-04	4.29E-04	8.83E-05
5378	624478.05	4266345.54	2.83E-03	9.72E-04	2.36E-03	7.28E-04	5.60E-04	1.86E-04	4.36E-04	8.97E-05
5379	624487.94	4266345.72	2.87E-03	9.87E-04	2.40E-03	7.39E-04	5.68E-04	1.89E-04	4.43E-04	9.11E-05
5380	624497.83	4266345.9	2.91E-03	1.00E-03	2.43E-03	7.49E-04	5.75E-04	1.92E-04	4.49E-04	9.23E-05
5381	624527.49	4266346.43	3.00E-03	1.03E-03	2.51E-03	7.74E-04	5.95E-04	1.98E-04	4.64E-04	9.54E-05
5382	624537.38	4266346.6	3.03E-03	1.04E-03	2.53E-03	7.80E-04	6.00E-04	2.00E-04	4.68E-04	9.62E-05
5383	624547.27	4266346.78	3.05E-03	1.05E-03	2.55E-03	7.86E-04	6.04E-04	2.01E-04	4.71E-04	9.69E-05
5384	624557.16	4266346.96	3.07E-03	1.06E-03	2.57E-03	7.91E-04	6.08E-04	2.02E-04	4.74E-04	9.75E-05
5385	624567.05	4266347.13	3.09E-03	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.76E-04	9.80E-05
5386	624576.94	4266347.31	3.10E-03	1.07E-03	2.59E-03	7.98E-04	6.14E-04	2.04E-04	4.78E-04	9.84E-05
5387	624586.83	4266347.49	3.11E-03	1.07E-03	2.60E-03	8.00E-04	6.15E-04	2.05E-04	4.80E-04	9.87E-05
5388	624596.72	4266347.66	3.12E-03	1.07E-03	2.60E-03	8.02E-04	6.17E-04	2.05E-04	4.81E-04	9.89E-05
5389	624606.61	4266347.84	3.12E-03	1.07E-03	2.61E-03	8.02E-04	6.17E-04	2.05E-04	4.81E-04	9.89E-05
5390	624616.5	4266348.02	3.11E-03	1.07E-03	2.60E-03	8.02E-04	6.16E-04	2.05E-04	4.81E-04	9.88E-05
5391	624626.39	4266348.19	3.11E-03	1.07E-03	2.60E-03	8.00E-04	6.15E-04	2.05E-04	4.80E-04	9.86E-05
5392	624665.94	4266348.9	3.05E-03	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04	9.68E-05
5393	624675.83	4266349.08	3.03E-03	1.04E-03	2.53E-03	7.79E-04	5.99E-04	1.99E-04	4.67E-04	9.61E-05
5394	624685.72	4266349.25	3.00E-03	1.03E-03	2.51E-03	7.73E-04	5.94E-04	1.98E-04	4.63E-04	9.53E-05
5395	624695.61	4266349.43	2.97E-03	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.58E-04	9.43E-05
5396	624705.5	4266349.61	2.94E-03	1.01E-03	2.46E-03	7.56E-04	5.81E-04	1.94E-04	4.53E-04	9.32E-05
5397	624715.39	4266349.78	2.90E-03	9.98E-04	2.43E-03	7.47E-04	5.74E-04	1.91E-04	4.48E-04	9.21E-05
5398	624725.28	4266349.96	2.87E-03	9.85E-04	2.39E-03	7.38E-04	5.67E-04	1.89E-04	4.42E-04	9.09E-05
5399	624754.95	4266350.49	2.74E-03	9.42E-04	2.29E-03	7.06E-04	5.42E-04	1.81E-04	4.23E-04	8.70E-05
5400	624764.84	4266350.67	2.69E-03	9.27E-04	2.25E-03	6.94E-04	5.33E-04	1.78E-04	4.16E-04	8.55E-05
5401	624774.72	4266350.84	2.65E-03	9.10E-04	2.21E-03	6.81E-04	5.24E-04	1.74E-04	4.08E-04	8.40E-05
5402	624784.61	4266351.02	2.60E-03	8.94E-04	2.17E-03	6.69E-04	5.14E-04	1.71E-04	4.01E-04	8.25E-05

5403	624794.5	4266351.2	2.55E-03	8.77E-04	2.13E-03	6.56E-04	5.05E-04	1.68E-04	3.93E-04	8.09E-05
5404	624804.39	4266351.37	2.50E-03	8.60E-04	2.09E-03	6.44E-04	4.95E-04	1.65E-04	3.86E-04	7.94E-05
5405	624843.95	4266352.08	2.29E-03	7.88E-04	1.92E-03	5.90E-04	4.53E-04	1.51E-04	3.54E-04	7.27E-05
5406	624340.29	4266364.44	2.00E-03	6.88E-04	1.67E-03	5.15E-04	3.96E-04	1.32E-04	3.09E-04	6.35E-05
5407	624331.53	4266360.64	1.99E-03	6.83E-04	1.66E-03	5.11E-04	3.93E-04	1.31E-04	3.06E-04	6.30E-05
5408	624322.77	4266356.83	1.97E-03	6.76E-04	1.64E-03	5.06E-04	3.89E-04	1.30E-04	3.03E-04	6.24E-05
5409	624314.01	4266353.03	1.94E-03	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.17E-05
5410	624305.26	4266349.23	1.92E-03	6.61E-04	1.61E-03	4.95E-04	3.80E-04	1.27E-04	2.97E-04	6.10E-05
5411	624296.5	4266345.43	1.90E-03	6.53E-04	1.59E-03	4.89E-04	3.76E-04	1.25E-04	2.93E-04	6.02E-05
5412	624287.74	4266341.62	1.87E-03	6.44E-04	1.56E-03	4.82E-04	3.71E-04	1.23E-04	2.89E-04	5.94E-05
5413	624278.98	4266337.82	1.84E-03	6.34E-04	1.54E-03	4.75E-04	3.65E-04	1.22E-04	2.85E-04	5.85E-05
5414	624270.23	4266334.02	1.82E-03	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.20E-04	2.80E-04	5.76E-05
5415	624261.47	4266330.21	1.78E-03	6.14E-04	1.49E-03	4.59E-04	3.53E-04	1.18E-04	2.75E-04	5.66E-05
5416	624252.71	4266326.41	1.75E-03	6.03E-04	1.46E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04	5.56E-05
5417	624243.95	4266322.61	1.72E-03	5.91E-04	1.44E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04	5.45E-05
5418	624235.2	4266318.8	1.68E-03	5.79E-04	1.41E-03	4.34E-04	3.33E-04	1.11E-04	2.60E-04	5.34E-05
5419	624226.44	4266315	1.65E-03	5.67E-04	1.38E-03	4.24E-04	3.26E-04	1.09E-04	2.54E-04	5.23E-05
5420	624217.68	4266311.2	1.61E-03	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04	5.12E-05
5421	624208.93	4266307.39	1.58E-03	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
5422	624200.17	4266303.59	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.38E-04	4.89E-05
5423	624187.89	4266290.91	1.51E-03	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.92E-05	2.32E-04	4.78E-05
5424	624184.37	4266282.04	1.51E-03	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.93E-05	2.33E-04	4.78E-05
5425	624180.86	4266273.16	1.51E-03	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.93E-05	2.33E-04	4.78E-05
5426	624177.34	4266264.28	1.51E-03	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.93E-05	2.32E-04	4.78E-05
5427	624173.82	4266255.41	1.50E-03	5.17E-04	1.26E-03	3.87E-04	2.98E-04	9.91E-05	2.32E-04	4.78E-05
5428	624170.3	4266246.53	1.50E-03	5.16E-04	1.26E-03	3.87E-04	2.97E-04	9.89E-05	2.32E-04	4.77E-05
5429	624166.78	4266237.66	1.50E-03	5.15E-04	1.25E-03	3.86E-04	2.96E-04	9.87E-05	2.31E-04	4.75E-05
5430	624163.27	4266228.78	1.49E-03	5.13E-04	1.25E-03	3.84E-04	2.96E-04	9.84E-05	2.30E-04	4.74E-05
5431	624159.75	4266219.91	1.49E-03	5.11E-04	1.24E-03	3.83E-04	2.94E-04	9.80E-05	2.29E-04	4.72E-05
5432	624156.23	4266211.03	1.48E-03	5.09E-04	1.24E-03	3.81E-04	2.93E-04	9.75E-05	2.28E-04	4.70E-05
5433	624152.71	4266202.15	1.47E-03	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.69E-05	2.27E-04	4.67E-05
5434	624149.19	4266193.28	1.46E-03	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.63E-05	2.25E-04	4.64E-05
5435	624145.67	4266184.4	1.45E-03	4.98E-04	1.21E-03	3.73E-04	2.87E-04	9.55E-05	2.24E-04	4.60E-05
5436	624142.16	4266175.53	1.44E-03	4.94E-04	1.20E-03	3.70E-04	2.84E-04	9.46E-05	2.22E-04	4.56E-05
5437	624138.64	4266166.65	1.42E-03	4.89E-04	1.19E-03	3.66E-04	2.81E-04	9.36E-05	2.19E-04	4.51E-05
5438	624349.04	4266368.24	2.01E-03	6.93E-04	1.68E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04	6.39E-05
5439	624358.93	4266368.42	2.06E-03	7.07E-04	1.72E-03	5.29E-04	4.07E-04	1.35E-04	3.17E-04	6.52E-05
5440	624368.82	4266368.6	2.10E-03	7.20E-04	1.75E-03	5.39E-04	4.15E-04	1.38E-04	3.23E-04	6.65E-05
5441	624378.71	4266368.77	2.13E-03	7.34E-04	1.78E-03	5.50E-04	4.23E-04	1.41E-04	3.29E-04	6.77E-05
5442	624388.6	4266368.95	2.17E-03	7.48E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.36E-04	6.90E-05
5443	624398.49	4266369.13	2.21E-03	7.61E-04	1.85E-03	5.70E-04	4.38E-04	1.46E-04	3.42E-04	7.03E-05
5444	624408.38	4266369.3	2.25E-03	7.75E-04	1.88E-03	5.80E-04	4.46E-04	1.49E-04	3.48E-04	7.15E-05
5445	624418.27	4266369.48	2.29E-03	7.89E-04	1.92E-03	5.90E-04	4.54E-04	1.51E-04	3.54E-04	7.28E-05
5446	624447.93	4266370.01	2.41E-03	8.28E-04	2.01E-03	6.20E-04	4.77E-04	1.59E-04	3.72E-04	7.65E-05
5447	624457.82	4266370.19	2.45E-03	8.41E-04	2.05E-03	6.30E-04	4.84E-04	1.61E-04	3.78E-04	7.77E-05
5448	624467.71	4266370.36	2.48E-03	8.54E-04	2.08E-03	6.40E-04	4.92E-04	1.64E-04	3.83E-04	7.88E-05
5449	624477.6	4266370.54	2.52E-03	8.66E-04	2.11E-03	6.49E-04	4.99E-04	1.66E-04	3.89E-04	7.99E-05
5450	624487.49	4266370.72	2.55E-03	8.78E-04	2.13E-03	6.57E-04	5.05E-04	1.68E-04	3.94E-04	8.10E-05
5451	624497.38	4266370.89	2.58E-03	8.88E-04	2.16E-03	6.65E-04	5.11E-04	1.70E-04	3.99E-04	8.20E-05
5452	624527.05	4266371.42	2.66E-03	9.16E-04	2.23E-03	6.86E-04	5.27E-04	1.75E-04	4.11E-04	8.45E-05
5453	624536.94	4266371.6	2.68E-03	9.23E-04	2.24E-03	6.91E-04	5.31E-04	1.77E-04	4.14E-04	8.52E-05
5454	624546.83	4266371.78	2.70E-03	9.29E-04	2.26E-03	6.96E-04	5.35E-04	1.78E-04	4.17E-04	8.58E-05
5455	624556.72	4266371.95	2.72E-03	9.35E-04	2.27E-03	7.00E-04	5.38E-04	1.79E-04	4.19E-04	8.63E-05

5456	624566.61	4266372.13	2.73E-03	9.39E-04	2.28E-03	7.03E-04	5.41E-04	1.80E-04	4.21E-04	8.67E-05
5457	624635.83	4266373.37	2.74E-03	9.43E-04	2.29E-03	7.06E-04	5.43E-04	1.81E-04	4.23E-04	8.70E-05
5458	624665.5	4266373.9	2.71E-03	9.30E-04	2.26E-03	6.97E-04	5.36E-04	1.78E-04	4.17E-04	8.59E-05
5459	624675.39	4266374.07	2.69E-03	9.24E-04	2.25E-03	6.92E-04	5.32E-04	1.77E-04	4.15E-04	8.53E-05
5460	624685.28	4266374.25	2.67E-03	9.17E-04	2.23E-03	6.87E-04	5.28E-04	1.76E-04	4.11E-04	8.46E-05
5461	624695.16	4266374.43	2.64E-03	9.09E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.08E-04	8.39E-05
5462	624705.05	4266374.6	2.62E-03	9.00E-04	2.19E-03	6.74E-04	5.18E-04	1.72E-04	4.04E-04	8.30E-05
5463	624714.94	4266374.78	2.59E-03	8.90E-04	2.16E-03	6.66E-04	5.12E-04	1.71E-04	3.99E-04	8.21E-05
5464	624724.83	4266374.95	2.56E-03	8.80E-04	2.14E-03	6.59E-04	5.06E-04	1.69E-04	3.95E-04	8.12E-05
5465	624754.5	4266375.48	2.46E-03	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04	7.79E-05
5466	624764.39	4266375.66	2.42E-03	8.32E-04	2.02E-03	6.23E-04	4.79E-04	1.59E-04	3.73E-04	7.67E-05
5467	624339.84	4266389.44	1.85E-03	6.36E-04	1.55E-03	4.76E-04	3.66E-04	1.22E-04	2.85E-04	5.87E-05
5468	624331.08	4266385.63	1.84E-03	6.32E-04	1.54E-03	4.73E-04	3.64E-04	1.21E-04	2.84E-04	5.83E-05
5469	624322.32	4266381.83	1.82E-03	6.27E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04	5.79E-05
5470	624313.57	4266378.03	1.81E-03	6.21E-04	1.51E-03	4.65E-04	3.58E-04	1.19E-04	2.79E-04	5.74E-05
5471	624304.81	4266374.22	1.79E-03	6.15E-04	1.50E-03	4.61E-04	3.54E-04	1.18E-04	2.76E-04	5.68E-05
5472	624296.05	4266370.42	1.77E-03	6.08E-04	1.48E-03	4.56E-04	3.50E-04	1.17E-04	2.73E-04	5.61E-05
5473	624287.29	4266366.62	1.75E-03	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
5474	624278.54	4266362.81	1.73E-03	5.94E-04	1.44E-03	4.44E-04	3.42E-04	1.14E-04	2.66E-04	5.48E-05
5475	624269.78	4266359.01	1.70E-03	5.86E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04	5.40E-05
5476	624261.02	4266355.21	1.68E-03	5.77E-04	1.40E-03	4.32E-04	3.32E-04	1.11E-04	2.59E-04	5.33E-05
5477	624252.27	4266351.41	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
5478	624243.51	4266347.6	1.62E-03	5.59E-04	1.36E-03	4.18E-04	3.22E-04	1.07E-04	2.51E-04	5.16E-05
5479	624234.75	4266343.8	1.60E-03	5.49E-04	1.33E-03	4.11E-04	3.16E-04	1.05E-04	2.46E-04	5.07E-05
5480	624225.99	4266340	1.57E-03	5.39E-04	1.31E-03	4.03E-04	3.10E-04	1.03E-04	2.42E-04	4.97E-05
5481	624217.24	4266336.19	1.54E-03	5.28E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
5482	624208.48	4266332.39	1.51E-03	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.92E-05	2.32E-04	4.78E-05
5483	624199.72	4266328.59	1.47E-03	5.07E-04	1.23E-03	3.79E-04	2.92E-04	9.71E-05	2.27E-04	4.68E-05
5484	624190.96	4266324.78	1.44E-03	4.96E-04	1.21E-03	3.71E-04	2.85E-04	9.50E-05	2.23E-04	4.58E-05
5485	624182.21	4266320.98	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04	4.48E-05
5486	624169.93	4266308.3	1.38E-03	4.75E-04	1.15E-03	3.55E-04	2.73E-04	9.10E-05	2.13E-04	4.38E-05
5487	624166.41	4266299.43	1.38E-03	4.75E-04	1.15E-03	3.56E-04	2.74E-04	9.10E-05	2.13E-04	4.39E-05
5488	624162.9	4266290.55	1.38E-03	4.75E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04	4.39E-05
5489	624159.38	4266281.67	1.38E-03	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04	4.38E-05
5490	624155.86	4266272.8	1.38E-03	4.75E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04	4.38E-05
5491	624152.34	4266263.92	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.08E-05	2.13E-04	4.37E-05
5492	624148.82	4266255.05	1.37E-03	4.73E-04	1.15E-03	3.54E-04	2.72E-04	9.06E-05	2.12E-04	4.36E-05
5493	624145.3	4266246.17	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.12E-04	4.35E-05
5494	624141.79	4266237.3	1.37E-03	4.70E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04	4.34E-05
5495	624138.27	4266228.42	1.36E-03	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04	4.32E-05
5496	624134.75	4266219.54	1.35E-03	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.92E-05	2.09E-04	4.30E-05
5497	624131.23	4266210.67	1.35E-03	4.63E-04	1.13E-03	3.47E-04	2.66E-04	8.87E-05	2.08E-04	4.27E-05
5498	624127.71	4266201.79	1.34E-03	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04	4.24E-05
5499	624124.2	4266192.92	1.33E-03	4.56E-04	1.11E-03	3.42E-04	2.63E-04	8.74E-05	2.05E-04	4.21E-05
5500	624348.6	4266393.24	1.86E-03	6.39E-04	1.55E-03	4.79E-04	3.68E-04	1.23E-04	2.87E-04	5.90E-05
5501	624358.49	4266393.42	1.89E-03	6.51E-04	1.58E-03	4.87E-04	3.75E-04	1.25E-04	2.92E-04	6.01E-05
5502	624368.37	4266393.59	1.92E-03	6.62E-04	1.61E-03	4.96E-04	3.81E-04	1.27E-04	2.97E-04	6.11E-05
5503	624378.26	4266393.77	1.96E-03	6.73E-04	1.64E-03	5.04E-04	3.87E-04	1.29E-04	3.02E-04	6.21E-05
5504	624388.15	4266393.95	1.99E-03	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04	6.31E-05
5505	624398.04	4266394.12	2.02E-03	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
5506	624407.93	4266394.3	2.05E-03	7.05E-04	1.71E-03	5.28E-04	4.06E-04	1.35E-04	3.17E-04	6.51E-05
5507	624417.82	4266394.48	2.08E-03	7.16E-04	1.74E-03	5.36E-04	4.12E-04	1.37E-04	3.21E-04	6.61E-05
5508	624447.49	4266395.01	2.17E-03	7.48E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.36E-04	6.90E-05

5509	624457.38	4266395.18	2.20E-03	7.58E-04	1.84E-03	5.68E-04	4.36E-04	1.45E-04	3.40E-04	7.00E-05
5510	624467.27	4266395.36	2.23E-03	7.68E-04	1.87E-03	5.75E-04	4.42E-04	1.47E-04	3.45E-04	7.09E-05
5511	624477.16	4266395.54	2.26E-03	7.78E-04	1.89E-03	5.82E-04	4.48E-04	1.49E-04	3.49E-04	7.18E-05
5512	624487.05	4266395.71	2.29E-03	7.87E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04	7.26E-05
5513	624496.93	4266395.89	2.31E-03	7.95E-04	1.93E-03	5.95E-04	4.58E-04	1.52E-04	3.57E-04	7.34E-05
5514	624506.82	4266396.07	2.34E-03	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.41E-05
5515	624566.16	4266397.13	2.43E-03	8.37E-04	2.03E-03	6.27E-04	4.82E-04	1.60E-04	3.76E-04	7.72E-05
5516	624576.05	4266397.3	2.44E-03	8.40E-04	2.04E-03	6.29E-04	4.84E-04	1.61E-04	3.77E-04	7.75E-05
5517	624585.94	4266397.48	2.45E-03	8.42E-04	2.05E-03	6.31E-04	4.85E-04	1.61E-04	3.78E-04	7.77E-05
5518	624595.83	4266397.66	2.45E-03	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04	7.78E-05
5519	624605.72	4266397.83	2.45E-03	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04	7.79E-05
5520	624615.6	4266398.01	2.45E-03	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04	7.78E-05
5521	624625.49	4266398.18	2.45E-03	8.42E-04	2.05E-03	6.31E-04	4.85E-04	1.61E-04	3.78E-04	7.77E-05
5522	624635.38	4266398.36	2.44E-03	8.41E-04	2.04E-03	6.29E-04	4.84E-04	1.61E-04	3.77E-04	7.76E-05
5523	624724.39	4266399.95	2.30E-03	7.91E-04	1.92E-03	5.92E-04	4.55E-04	1.52E-04	3.55E-04	7.30E-05
5524	624734.28	4266400.13	2.27E-03	7.82E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04	7.21E-05
5525	624744.16	4266400.3	2.24E-03	7.72E-04	1.88E-03	5.78E-04	4.44E-04	1.48E-04	3.46E-04	7.12E-05
5526	624754.05	4266400.48	2.21E-03	7.62E-04	1.85E-03	5.70E-04	4.38E-04	1.46E-04	3.42E-04	7.03E-05
5527	624763.94	4266400.66	2.18E-03	7.51E-04	1.83E-03	5.62E-04	4.32E-04	1.44E-04	3.37E-04	6.93E-05
5528	624773.83	4266400.83	2.15E-03	7.41E-04	1.80E-03	5.55E-04	4.26E-04	1.42E-04	3.32E-04	6.84E-05
5529	624783.72	4266401.01	2.12E-03	7.30E-04	1.77E-03	5.46E-04	4.20E-04	1.40E-04	3.27E-04	6.73E-05
5530	624793.61	4266401.19	2.09E-03	7.19E-04	1.75E-03	5.38E-04	4.14E-04	1.38E-04	3.22E-04	6.63E-05
5531	624803.5	4266401.36	2.06E-03	7.07E-04	1.72E-03	5.30E-04	4.07E-04	1.36E-04	3.17E-04	6.53E-05
5532	624813.39	4266401.54	2.02E-03	6.96E-04	1.69E-03	5.21E-04	4.00E-04	1.33E-04	3.12E-04	6.42E-05
5533	624823.28	4266401.72	1.99E-03	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04	6.31E-05
5534	624833.17	4266401.89	1.95E-03	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.02E-04	6.20E-05
5535	624843.06	4266402.07	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
5536	624339.39	4266414.43	1.72E-03	5.90E-04	1.43E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04	5.44E-05
5537	624330.64	4266410.63	1.71E-03	5.87E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04	5.42E-05
5538	624321.88	4266406.83	1.70E-03	5.83E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.38E-05
5539	624313.12	4266403.02	1.68E-03	5.79E-04	1.41E-03	4.34E-04	3.33E-04	1.11E-04	2.60E-04	5.34E-05
5540	624304.36	4266399.22	1.67E-03	5.74E-04	1.40E-03	4.30E-04	3.30E-04	1.10E-04	2.58E-04	5.30E-05
5541	624295.61	4266395.42	1.65E-03	5.69E-04	1.38E-03	4.26E-04	3.27E-04	1.09E-04	2.55E-04	5.25E-05
5542	624286.85	4266391.61	1.64E-03	5.63E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.53E-04	5.19E-05
5543	624278.09	4266387.81	1.62E-03	5.57E-04	1.35E-03	4.17E-04	3.20E-04	1.07E-04	2.50E-04	5.14E-05
5544	624269.33	4266384.01	1.60E-03	5.50E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04	5.08E-05
5545	624260.58	4266380.2	1.58E-03	5.43E-04	1.32E-03	4.07E-04	3.13E-04	1.04E-04	2.44E-04	5.01E-05
5546	624251.82	4266376.4	1.56E-03	5.36E-04	1.30E-03	4.01E-04	3.08E-04	1.03E-04	2.40E-04	4.95E-05
5547	624243.06	4266372.6	1.54E-03	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
5548	624234.3	4266368.79	1.51E-03	5.20E-04	1.26E-03	3.89E-04	2.99E-04	9.97E-05	2.33E-04	4.80E-05
5549	624225.55	4266364.99	1.49E-03	5.12E-04	1.24E-03	3.83E-04	2.95E-04	9.81E-05	2.30E-04	4.72E-05
5550	624216.79	4266361.19	1.46E-03	5.03E-04	1.22E-03	3.77E-04	2.90E-04	9.64E-05	2.26E-04	4.64E-05
5551	624208.03	4266357.39	1.44E-03	4.94E-04	1.20E-03	3.70E-04	2.84E-04	9.46E-05	2.22E-04	4.56E-05
5552	624199.28	4266353.58	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04	4.47E-05
5553	624190.52	4266349.78	1.38E-03	4.75E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04	4.39E-05
5554	624181.76	4266345.98	1.35E-03	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.93E-05	2.09E-04	4.30E-05
5555	624173	4266342.17	1.33E-03	4.56E-04	1.11E-03	3.42E-04	2.63E-04	8.74E-05	2.05E-04	4.21E-05
5556	624164.25	4266338.37	1.30E-03	4.47E-04	1.09E-03	3.34E-04	2.57E-04	8.56E-05	2.00E-04	4.12E-05
5557	624151.97	4266325.69	1.27E-03	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.38E-05	1.96E-04	4.04E-05
5558	624148.45	4266316.82	1.27E-03	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.39E-05	1.96E-04	4.04E-05
5559	624144.93	4266307.94	1.27E-03	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.39E-05	1.96E-04	4.04E-05
5560	624141.42	4266299.06	1.27E-03	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.39E-05	1.96E-04	4.04E-05
5561	624137.9	4266290.19	1.27E-03	4.37E-04	1.06E-03	3.27E-04	2.52E-04	8.38E-05	1.96E-04	4.04E-05

5562	624134.38	4266281.31	1.27E-03	4.37E-04	1.06E-03	3.27E-04	2.51E-04	8.37E-05	1.96E-04	4.03E-05
5563	624130.86	4266272.44	1.27E-03	4.36E-04	1.06E-03	3.26E-04	2.51E-04	8.35E-05	1.96E-04	4.02E-05
5564	624127.34	4266263.56	1.26E-03	4.35E-04	1.06E-03	3.26E-04	2.50E-04	8.33E-05	1.95E-04	4.01E-05
5565	624123.82	4266254.69	1.26E-03	4.34E-04	1.05E-03	3.25E-04	2.50E-04	8.31E-05	1.95E-04	4.00E-05
5566	624120.31	4266245.81	1.26E-03	4.32E-04	1.05E-03	3.23E-04	2.49E-04	8.28E-05	1.94E-04	3.99E-05
5567	624085.13	4266157.05	1.16E-03	4.00E-04	9.72E-04	2.99E-04	2.30E-04	7.66E-05	1.79E-04	3.69E-05
5568	624348.15	4266418.24	1.72E-03	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04	5.46E-05
5569	624358.04	4266418.41	1.75E-03	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
5570	624367.93	4266418.59	1.78E-03	6.11E-04	1.48E-03	4.57E-04	3.51E-04	1.17E-04	2.74E-04	5.63E-05
5571	624377.82	4266418.77	1.80E-03	6.19E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.72E-05
5572	624387.71	4266418.94	1.83E-03	6.28E-04	1.53E-03	4.70E-04	3.62E-04	1.20E-04	2.82E-04	5.80E-05
5573	624397.6	4266419.12	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
5574	624407.49	4266419.3	1.88E-03	6.45E-04	1.57E-03	4.83E-04	3.72E-04	1.24E-04	2.90E-04	5.96E-05
5575	624417.37	4266419.47	1.90E-03	6.54E-04	1.59E-03	4.90E-04	3.76E-04	1.25E-04	2.93E-04	6.04E-05
5576	624447.04	4266420	1.97E-03	6.79E-04	1.65E-03	5.08E-04	3.91E-04	1.30E-04	3.05E-04	6.27E-05
5577	624456.93	4266420.18	2.00E-03	6.87E-04	1.67E-03	5.14E-04	3.95E-04	1.32E-04	3.08E-04	6.34E-05
5578	624466.82	4266420.36	2.02E-03	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
5579	624476.71	4266420.53	2.04E-03	7.03E-04	1.71E-03	5.26E-04	4.04E-04	1.35E-04	3.15E-04	6.48E-05
5580	624486.6	4266420.71	2.06E-03	7.10E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04	6.55E-05
5581	624496.49	4266420.89	2.08E-03	7.17E-04	1.74E-03	5.37E-04	4.13E-04	1.37E-04	3.22E-04	6.62E-05
5582	624506.38	4266421.06	2.10E-03	7.23E-04	1.76E-03	5.42E-04	4.16E-04	1.39E-04	3.25E-04	6.68E-05
5583	624516.27	4266421.24	2.12E-03	7.29E-04	1.77E-03	5.46E-04	4.20E-04	1.40E-04	3.27E-04	6.73E-05
5584	624526.16	4266421.41	2.14E-03	7.35E-04	1.79E-03	5.50E-04	4.23E-04	1.41E-04	3.30E-04	6.78E-05
5585	624536.04	4266421.59	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04	6.83E-05
5586	624545.93	4266421.77	2.16E-03	7.44E-04	1.81E-03	5.57E-04	4.28E-04	1.43E-04	3.34E-04	6.86E-05
5587	624555.82	4266421.94	2.17E-03	7.48E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.35E-04	6.90E-05
5588	624565.71	4266422.12	2.18E-03	7.51E-04	1.82E-03	5.62E-04	4.32E-04	1.44E-04	3.37E-04	6.93E-05
5589	624575.6	4266422.3	2.19E-03	7.53E-04	1.83E-03	5.64E-04	4.33E-04	1.44E-04	3.38E-04	6.95E-05
5590	624644.83	4266423.53	2.19E-03	7.52E-04	1.83E-03	5.63E-04	4.33E-04	1.44E-04	3.38E-04	6.94E-05
5591	624654.72	4266423.71	2.18E-03	7.50E-04	1.82E-03	5.61E-04	4.32E-04	1.44E-04	3.36E-04	6.92E-05
5592	624664.6	4266423.89	2.17E-03	7.47E-04	1.82E-03	5.59E-04	4.30E-04	1.43E-04	3.35E-04	6.89E-05
5593	624674.49	4266424.06	2.16E-03	7.43E-04	1.81E-03	5.56E-04	4.28E-04	1.42E-04	3.33E-04	6.86E-05
5594	624684.38	4266424.24	2.15E-03	7.39E-04	1.80E-03	5.53E-04	4.25E-04	1.42E-04	3.31E-04	6.82E-05
5595	624694.27	4266424.42	2.13E-03	7.34E-04	1.78E-03	5.49E-04	4.22E-04	1.41E-04	3.29E-04	6.77E-05
5596	624704.16	4266424.59	2.12E-03	7.28E-04	1.77E-03	5.45E-04	4.19E-04	1.39E-04	3.27E-04	6.72E-05
5597	624714.05	4266424.77	2.10E-03	7.22E-04	1.75E-03	5.40E-04	4.15E-04	1.38E-04	3.24E-04	6.66E-05
5598	624723.94	4266424.95	2.08E-03	7.15E-04	1.74E-03	5.35E-04	4.11E-04	1.37E-04	3.21E-04	6.60E-05
5599	624733.83	4266425.12	2.06E-03	7.07E-04	1.72E-03	5.30E-04	4.07E-04	1.36E-04	3.17E-04	6.53E-05
5600	624743.72	4266425.3	2.03E-03	6.99E-04	1.70E-03	5.23E-04	4.02E-04	1.34E-04	3.14E-04	6.45E-05
5601	624753.61	4266425.48	2.01E-03	6.91E-04	1.68E-03	5.17E-04	3.98E-04	1.32E-04	3.10E-04	6.37E-05
5602	624763.5	4266425.65	1.98E-03	6.82E-04	1.66E-03	5.11E-04	3.92E-04	1.31E-04	3.06E-04	6.29E-05
5603	624773.39	4266425.83	1.96E-03	6.73E-04	1.64E-03	5.04E-04	3.87E-04	1.29E-04	3.02E-04	6.21E-05
5604	624783.27	4266426.01	1.93E-03	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04	6.13E-05
5605	624793.16	4266426.18	1.91E-03	6.55E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
5606	624803.05	4266426.36	1.88E-03	6.46E-04	1.57E-03	4.84E-04	3.72E-04	1.24E-04	2.90E-04	5.96E-05
5607	624812.94	4266426.54	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
5608	624822.83	4266426.71	1.82E-03	6.27E-04	1.52E-03	4.70E-04	3.61E-04	1.20E-04	2.81E-04	5.79E-05
5609	624832.72	4266426.89	1.79E-03	6.17E-04	1.50E-03	4.62E-04	3.55E-04	1.18E-04	2.77E-04	5.70E-05
5610	624842.61	4266427.07	1.77E-03	6.07E-04	1.48E-03	4.54E-04	3.49E-04	1.16E-04	2.72E-04	5.60E-05
5611	624338.95	4266439.43	1.60E-03	5.49E-04	1.33E-03	4.11E-04	3.16E-04	1.05E-04	2.46E-04	5.06E-05
5612	624330.19	4266435.63	1.59E-03	5.47E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04	5.04E-05
5613	624321.43	4266431.82	1.58E-03	5.44E-04	1.32E-03	4.07E-04	3.13E-04	1.04E-04	2.44E-04	5.02E-05
5614	624312.67	4266428.02	1.57E-03	5.41E-04	1.31E-03	4.05E-04	3.11E-04	1.04E-04	2.43E-04	4.99E-05

5615	624303.92	4266424.22	1.56E-03	5.37E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04	4.96E-05
5616	624295.16	4266420.41	1.55E-03	5.33E-04	1.29E-03	3.99E-04	3.07E-04	1.02E-04	2.39E-04	4.92E-05
5617	624286.4	4266416.61	1.54E-03	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04	4.87E-05
5618	624277.64	4266412.81	1.52E-03	5.23E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.35E-04	4.83E-05
5619	624268.89	4266409	1.50E-03	5.17E-04	1.26E-03	3.87E-04	2.98E-04	9.91E-05	2.32E-04	4.78E-05
5620	624260.13	4266405.2	1.49E-03	5.12E-04	1.24E-03	3.83E-04	2.95E-04	9.81E-05	2.30E-04	4.72E-05
5621	624251.37	4266401.4	1.47E-03	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.69E-05	2.27E-04	4.67E-05
5622	624242.62	4266397.59	1.45E-03	5.00E-04	1.21E-03	3.74E-04	2.88E-04	9.57E-05	2.24E-04	4.61E-05
5623	624233.86	4266393.79	1.43E-03	4.93E-04	1.20E-03	3.69E-04	2.84E-04	9.45E-05	2.21E-04	4.55E-05
5624	624225.1	4266389.99	1.41E-03	4.86E-04	1.18E-03	3.64E-04	2.80E-04	9.31E-05	2.18E-04	4.49E-05
5625	624216.34	4266386.18	1.39E-03	4.79E-04	1.16E-03	3.58E-04	2.76E-04	9.17E-05	2.15E-04	4.42E-05
5626	624207.59	4266382.38	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.11E-04	4.35E-05
5627	624198.83	4266378.58	1.35E-03	4.63E-04	1.13E-03	3.47E-04	2.67E-04	8.88E-05	2.08E-04	4.28E-05
5628	624190.07	4266374.78	1.32E-03	4.55E-04	1.11E-03	3.41E-04	2.62E-04	8.72E-05	2.04E-04	4.20E-05
5629	624181.31	4266370.97	1.30E-03	4.47E-04	1.09E-03	3.35E-04	2.57E-04	8.57E-05	2.01E-04	4.13E-05
5630	624172.56	4266367.17	1.28E-03	4.39E-04	1.07E-03	3.28E-04	2.53E-04	8.41E-05	1.97E-04	4.05E-05
5631	624163.8	4266363.37	1.25E-03	4.30E-04	1.05E-03	3.22E-04	2.48E-04	8.24E-05	1.93E-04	3.97E-05
5632	624155.04	4266359.56	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
5633	624146.28	4266355.76	1.20E-03	4.13E-04	1.00E-03	3.09E-04	2.38E-04	7.92E-05	1.85E-04	3.81E-05
5634	624134.01	4266343.08	1.18E-03	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5635	624130.49	4266334.2	1.18E-03	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5636	624126.97	4266325.33	1.18E-03	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5637	624123.45	4266316.45	1.18E-03	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5638	624119.94	4266307.58	1.18E-03	4.05E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.82E-04	3.73E-05
5639	624081.24	4266209.95	1.13E-03	3.88E-04	9.44E-04	2.91E-04	2.24E-04	7.44E-05	1.74E-04	3.58E-05
5640	624077.72	4266201.07	1.12E-03	3.85E-04	9.37E-04	2.88E-04	2.22E-04	7.38E-05	1.73E-04	3.56E-05
5641	624074.2	4266192.19	1.11E-03	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.32E-05	1.71E-04	3.53E-05
5642	624070.68	4266183.32	1.10E-03	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
5643	624067.16	4266174.44	1.09E-03	3.75E-04	9.11E-04	2.80E-04	2.16E-04	7.18E-05	1.68E-04	3.46E-05
5644	624063.65	4266165.57	1.08E-03	3.71E-04	9.01E-04	2.78E-04	2.13E-04	7.10E-05	1.66E-04	3.42E-05
5645	624347.7	4266443.23	1.60E-03	5.50E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04	5.08E-05
5646	624357.59	4266443.41	1.62E-03	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04	5.15E-05
5647	624367.48	4266443.59	1.64E-03	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.54E-04	5.21E-05
5648	624377.37	4266443.76	1.66E-03	5.72E-04	1.39E-03	4.29E-04	3.29E-04	1.10E-04	2.57E-04	5.28E-05
5649	624387.26	4266443.94	1.69E-03	5.79E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04	5.35E-05
5650	624397.15	4266444.12	1.71E-03	5.86E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04	5.41E-05
5651	624407.04	4266444.29	1.73E-03	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
5652	624416.93	4266444.47	1.74E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.54E-05
5653	624426.82	4266444.64	1.76E-03	6.07E-04	1.47E-03	4.54E-04	3.49E-04	1.16E-04	2.72E-04	5.60E-05
5654	624436.71	4266444.82	1.78E-03	6.13E-04	1.49E-03	4.59E-04	3.53E-04	1.17E-04	2.75E-04	5.66E-05
5655	624446.6	4266445	1.80E-03	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04	5.72E-05
5656	624456.48	4266445.17	1.82E-03	6.26E-04	1.52E-03	4.69E-04	3.60E-04	1.20E-04	2.81E-04	5.78E-05
5657	624466.37	4266445.35	1.84E-03	6.32E-04	1.54E-03	4.74E-04	3.64E-04	1.21E-04	2.84E-04	5.84E-05
5658	624476.26	4266445.53	1.86E-03	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04	5.89E-05
5659	624486.15	4266445.7	1.87E-03	6.44E-04	1.57E-03	4.82E-04	3.71E-04	1.23E-04	2.89E-04	5.95E-05
5660	624496.04	4266445.88	1.89E-03	6.50E-04	1.58E-03	4.86E-04	3.74E-04	1.24E-04	2.92E-04	6.00E-05
5661	624505.93	4266446.06	1.90E-03	6.55E-04	1.59E-03	4.90E-04	3.77E-04	1.25E-04	2.94E-04	6.04E-05
5662	624515.82	4266446.23	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
5663	624525.71	4266446.41	1.93E-03	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04	6.13E-05
5664	624594.93	4266447.65	1.98E-03	6.81E-04	1.66E-03	5.10E-04	3.92E-04	1.30E-04	3.06E-04	6.29E-05
5665	624604.82	4266447.82	1.98E-03	6.82E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04	6.29E-05
5666	624614.71	4266448	1.98E-03	6.82E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04	6.29E-05
5667	624624.6	4266448.18	1.98E-03	6.81E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04	6.29E-05

5668	624634.49	4266448.35	1.98E-03	6.80E-04	1.65E-03	5.09E-04	3.92E-04	1.30E-04	3.05E-04	6.28E-05
5669	624644.38	4266448.53	1.97E-03	6.79E-04	1.65E-03	5.08E-04	3.91E-04	1.30E-04	3.05E-04	6.27E-05
5670	624654.27	4266448.71	1.97E-03	6.77E-04	1.65E-03	5.07E-04	3.90E-04	1.30E-04	3.04E-04	6.25E-05
5671	624664.16	4266448.88	1.96E-03	6.75E-04	1.64E-03	5.05E-04	3.89E-04	1.29E-04	3.03E-04	6.23E-05
5672	624674.05	4266449.06	1.95E-03	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.02E-04	6.20E-05
5673	624683.94	4266449.24	1.94E-03	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.17E-05
5674	624693.83	4266449.41	1.93E-03	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.98E-04	6.14E-05
5675	624703.71	4266449.59	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04	6.09E-05
5676	624713.6	4266449.77	1.90E-03	6.55E-04	1.59E-03	4.90E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
5677	624723.49	4266449.94	1.89E-03	6.49E-04	1.58E-03	4.86E-04	3.74E-04	1.24E-04	2.91E-04	5.99E-05
5678	624733.38	4266450.12	1.87E-03	6.43E-04	1.56E-03	4.81E-04	3.70E-04	1.23E-04	2.89E-04	5.93E-05
5679	624743.27	4266450.3	1.85E-03	6.36E-04	1.55E-03	4.76E-04	3.66E-04	1.22E-04	2.86E-04	5.87E-05
5680	624753.16	4266450.47	1.83E-03	6.29E-04	1.53E-03	4.71E-04	3.62E-04	1.21E-04	2.82E-04	5.81E-05
5681	624763.05	4266450.65	1.81E-03	6.22E-04	1.51E-03	4.66E-04	3.58E-04	1.19E-04	2.79E-04	5.74E-05
5682	624772.94	4266450.83	1.79E-03	6.15E-04	1.49E-03	4.60E-04	3.54E-04	1.18E-04	2.76E-04	5.67E-05
5683	624782.83	4266451	1.77E-03	6.07E-04	1.48E-03	4.55E-04	3.50E-04	1.16E-04	2.73E-04	5.61E-05
5684	624792.72	4266451.18	1.75E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.54E-05
5685	624802.61	4266451.36	1.72E-03	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
5686	624812.5	4266451.53	1.70E-03	5.85E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04	5.40E-05
5687	624822.39	4266451.71	1.68E-03	5.77E-04	1.40E-03	4.32E-04	3.32E-04	1.11E-04	2.59E-04	5.33E-05
5688	624832.27	4266451.89	1.65E-03	5.69E-04	1.38E-03	4.26E-04	3.27E-04	1.09E-04	2.55E-04	5.25E-05
5689	624842.16	4266452.06	1.63E-03	5.60E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.51E-04	5.17E-05
5690	624338.05	4266489.42	1.39E-03	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.14E-04	4.41E-05
5691	624329.3	4266485.62	1.39E-03	4.77E-04	1.16E-03	3.57E-04	2.75E-04	9.15E-05	2.14E-04	4.41E-05
5692	624320.54	4266481.81	1.38E-03	4.76E-04	1.16E-03	3.57E-04	2.74E-04	9.12E-05	2.14E-04	4.39E-05
5693	624311.78	4266478.01	1.38E-03	4.75E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04	4.38E-05
5694	624303.02	4266474.21	1.37E-03	4.72E-04	1.15E-03	3.54E-04	2.72E-04	9.05E-05	2.12E-04	4.36E-05
5695	624294.27	4266470.41	1.37E-03	4.70E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04	4.34E-05
5696	624285.51	4266466.6	1.36E-03	4.67E-04	1.13E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04	4.31E-05
5697	624276.75	4266462.8	1.35E-03	4.64E-04	1.13E-03	3.47E-04	2.67E-04	8.88E-05	2.08E-04	4.28E-05
5698	624267.99	4266459	1.34E-03	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04	4.24E-05
5699	624259.24	4266455.19	1.33E-03	4.56E-04	1.11E-03	3.41E-04	2.63E-04	8.74E-05	2.05E-04	4.21E-05
5700	624250.48	4266451.39	1.31E-03	4.52E-04	1.10E-03	3.38E-04	2.60E-04	8.66E-05	2.03E-04	4.17E-05
5701	624241.72	4266447.59	1.30E-03	4.48E-04	1.09E-03	3.35E-04	2.58E-04	8.58E-05	2.01E-04	4.13E-05
5702	624232.97	4266443.78	1.29E-03	4.43E-04	1.08E-03	3.32E-04	2.55E-04	8.49E-05	1.99E-04	4.09E-05
5703	624224.21	4266439.98	1.28E-03	4.39E-04	1.07E-03	3.28E-04	2.52E-04	8.40E-05	1.97E-04	4.05E-05
5704	624215.45	4266436.18	1.26E-03	4.34E-04	1.05E-03	3.25E-04	2.50E-04	8.31E-05	1.95E-04	4.00E-05
5705	624206.69	4266432.37	1.25E-03	4.28E-04	1.04E-03	3.21E-04	2.47E-04	8.21E-05	1.92E-04	3.95E-05
5706	624197.94	4266428.57	1.23E-03	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05
5707	624189.18	4266424.77	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05
5708	624180.42	4266420.96	1.20E-03	4.11E-04	9.99E-04	3.08E-04	2.37E-04	7.88E-05	1.84E-04	3.79E-05
5709	624171.66	4266417.16	1.18E-03	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5710	624162.91	4266413.36	1.16E-03	3.98E-04	9.69E-04	2.98E-04	2.29E-04	7.63E-05	1.79E-04	3.68E-05
5711	624154.15	4266409.55	1.14E-03	3.92E-04	9.53E-04	2.93E-04	2.26E-04	7.51E-05	1.76E-04	3.62E-05
5712	624145.39	4266405.75	1.12E-03	3.85E-04	9.36E-04	2.88E-04	2.22E-04	7.38E-05	1.73E-04	3.56E-05
5713	624136.63	4266401.95	1.10E-03	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
5714	624127.88	4266398.14	1.08E-03	3.71E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
5715	624119.12	4266394.34	1.06E-03	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04	3.36E-05
5716	624080.5	4266333.48	1.02E-03	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04	3.23E-05
5717	624076.98	4266324.61	1.01E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
5718	624073.46	4266315.73	1.01E-03	3.48E-04	8.47E-04	2.61E-04	2.01E-04	6.67E-05	1.56E-04	3.21E-05
5719	624069.94	4266306.85	1.01E-03	3.48E-04	8.45E-04	2.60E-04	2.00E-04	6.66E-05	1.56E-04	3.21E-05
5720	624066.42	4266297.98	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.20E-05

5721	624062.91	4266289.1	1.01E-03	3.46E-04	8.41E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04	3.19E-05
5722	624059.39	4266280.23	1.00E-03	3.45E-04	8.39E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04	3.18E-05
5723	624055.87	4266271.35	1.00E-03	3.44E-04	8.36E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04	3.17E-05
5724	624052.35	4266262.48	9.97E-04	3.43E-04	8.33E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.16E-05
5725	624048.83	4266253.6	9.93E-04	3.41E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04	3.15E-05
5726	624045.31	4266244.72	9.88E-04	3.40E-04	8.26E-04	2.54E-04	1.96E-04	6.51E-05	1.52E-04	3.14E-05
5727	624041.8	4266235.85	9.83E-04	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04	3.12E-05
5728	624038.28	4266226.97	9.77E-04	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04	3.10E-05
5729	624034.76	4266218.1	9.70E-04	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
5730	624031.24	4266209.22	9.63E-04	3.31E-04	8.05E-04	2.48E-04	1.91E-04	6.34E-05	1.49E-04	3.06E-05
5731	624027.72	4266200.35	9.55E-04	3.28E-04	7.98E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
5732	624024.21	4266191.47	9.46E-04	3.25E-04	7.91E-04	2.44E-04	1.87E-04	6.24E-05	1.46E-04	3.00E-05
5733	624020.69	4266182.6	9.38E-04	3.22E-04	7.84E-04	2.41E-04	1.86E-04	6.18E-05	1.45E-04	2.98E-05
5734	624017.17	4266173.72	9.29E-04	3.19E-04	7.76E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
5735	624013.65	4266164.84	9.20E-04	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04	2.92E-05
5736	624346.81	4266493.22	1.39E-03	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.15E-04	4.41E-05
5737	624356.7	4266493.4	1.41E-03	4.83E-04	1.17E-03	3.62E-04	2.78E-04	9.26E-05	2.17E-04	4.46E-05
5738	624366.59	4266493.58	1.42E-03	4.88E-04	1.19E-03	3.66E-04	2.81E-04	9.36E-05	2.19E-04	4.51E-05
5739	624376.48	4266493.75	1.43E-03	4.93E-04	1.20E-03	3.69E-04	2.84E-04	9.45E-05	2.21E-04	4.55E-05
5740	624386.37	4266493.93	1.45E-03	4.98E-04	1.21E-03	3.73E-04	2.87E-04	9.54E-05	2.23E-04	4.59E-05
5741	624396.26	4266494.11	1.46E-03	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.62E-05	2.25E-04	4.64E-05
5742	624406.15	4266494.28	1.47E-03	5.07E-04	1.23E-03	3.79E-04	2.92E-04	9.71E-05	2.27E-04	4.68E-05
5743	624416.04	4266494.46	1.49E-03	5.11E-04	1.24E-03	3.83E-04	2.94E-04	9.79E-05	2.29E-04	4.72E-05
5744	624485.26	4266495.7	1.57E-03	5.38E-04	1.31E-03	4.03E-04	3.10E-04	1.03E-04	2.42E-04	4.97E-05
5745	624495.15	4266495.87	1.58E-03	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
5746	624505.04	4266496.05	1.58E-03	5.45E-04	1.32E-03	4.08E-04	3.14E-04	1.04E-04	2.45E-04	5.03E-05
5747	624514.93	4266496.23	1.59E-03	5.48E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04	5.06E-05
5748	624524.82	4266496.4	1.60E-03	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.06E-04	2.47E-04	5.08E-05
5749	624534.71	4266496.58	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.11E-05
5750	624544.59	4266496.76	1.62E-03	5.55E-04	1.35E-03	4.16E-04	3.20E-04	1.06E-04	2.49E-04	5.13E-05
5751	624554.48	4266496.93	1.62E-03	5.57E-04	1.35E-03	4.17E-04	3.21E-04	1.07E-04	2.50E-04	5.14E-05
5752	624564.37	4266497.11	1.63E-03	5.59E-04	1.36E-03	4.19E-04	3.22E-04	1.07E-04	2.51E-04	5.16E-05
5753	624574.26	4266497.29	1.63E-03	5.60E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.51E-04	5.17E-05
5754	624584.15	4266497.46	1.63E-03	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.08E-04	2.52E-04	5.18E-05
5755	624594.04	4266497.64	1.64E-03	5.62E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.52E-04	5.19E-05
5756	624603.93	4266497.82	1.64E-03	5.63E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.53E-04	5.19E-05
5757	624613.82	4266497.99	1.64E-03	5.63E-04	1.37E-03	4.22E-04	3.24E-04	1.08E-04	2.53E-04	5.20E-05
5758	624623.71	4266498.17	1.64E-03	5.63E-04	1.37E-03	4.22E-04	3.24E-04	1.08E-04	2.53E-04	5.20E-05
5759	624633.6	4266498.35	1.64E-03	5.63E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.53E-04	5.19E-05
5760	624643.49	4266498.52	1.64E-03	5.62E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.52E-04	5.19E-05
5761	624653.38	4266498.7	1.63E-03	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.08E-04	2.52E-04	5.18E-05
5762	624663.27	4266498.88	1.63E-03	5.60E-04	1.36E-03	4.19E-04	3.22E-04	1.07E-04	2.51E-04	5.17E-05
5763	624673.15	4266499.05	1.62E-03	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04	5.15E-05
5764	624683.04	4266499.23	1.62E-03	5.56E-04	1.35E-03	4.16E-04	3.20E-04	1.07E-04	2.49E-04	5.13E-05
5765	624692.93	4266499.41	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04	5.11E-05
5766	624702.82	4266499.58	1.60E-03	5.50E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04	5.08E-05
5767	624712.71	4266499.76	1.59E-03	5.47E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04	5.04E-05
5768	624722.6	4266499.94	1.58E-03	5.43E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04	5.01E-05
5769	624732.49	4266500.11	1.57E-03	5.38E-04	1.31E-03	4.03E-04	3.10E-04	1.03E-04	2.42E-04	4.97E-05
5770	624742.38	4266500.29	1.55E-03	5.34E-04	1.30E-03	3.99E-04	3.07E-04	1.02E-04	2.39E-04	4.92E-05
5771	624752.27	4266500.46	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
5772	624762.16	4266500.64	1.52E-03	5.24E-04	1.27E-03	3.92E-04	3.02E-04	1.00E-04	2.35E-04	4.83E-05
5773	624772.05	4266500.82	1.51E-03	5.19E-04	1.26E-03	3.88E-04	2.99E-04	9.94E-05	2.33E-04	4.79E-05

5774	624781.94	4266500.99	1.49E-03	5.14E-04	1.25E-03	3.85E-04	2.96E-04	9.85E-05	2.31E-04	4.74E-05
5775	624791.82	4266501.17	1.48E-03	5.09E-04	1.24E-03	3.81E-04	2.93E-04	9.75E-05	2.28E-04	4.70E-05
5776	624801.71	4266501.35	1.47E-03	5.04E-04	1.22E-03	3.77E-04	2.90E-04	9.65E-05	2.26E-04	4.65E-05
5777	624811.6	4266501.52	1.45E-03	4.99E-04	1.21E-03	3.73E-04	2.87E-04	9.55E-05	2.24E-04	4.60E-05
5778	624821.49	4266501.7	1.43E-03	4.93E-04	1.20E-03	3.69E-04	2.84E-04	9.45E-05	2.21E-04	4.55E-05
5779	624831.38	4266501.88	1.42E-03	4.87E-04	1.18E-03	3.65E-04	2.81E-04	9.34E-05	2.19E-04	4.50E-05
5780	624841.27	4266502.05	1.40E-03	4.82E-04	1.17E-03	3.61E-04	2.77E-04	9.23E-05	2.16E-04	4.44E-05
5781	624318.8	4266531.44	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04	3.88E-05
5782	624309.76	4266527.51	1.22E-03	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.03E-05	1.88E-04	3.87E-05
5783	624300.72	4266523.59	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04	3.86E-05
5784	624291.68	4266519.66	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05
5785	624282.64	4266515.74	1.21E-03	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04	3.83E-05
5786	624273.6	4266511.81	1.20E-03	4.13E-04	1.00E-03	3.09E-04	2.38E-04	7.91E-05	1.85E-04	3.81E-05
5787	624264.56	4266507.88	1.19E-03	4.10E-04	9.97E-04	3.07E-04	2.36E-04	7.86E-05	1.84E-04	3.79E-05
5788	624255.52	4266503.96	1.18E-03	4.07E-04	9.90E-04	3.05E-04	2.35E-04	7.81E-05	1.83E-04	3.76E-05
5789	624246.48	4266500.03	1.18E-03	4.04E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.81E-04	3.73E-05
5790	624237.44	4266496.11	1.17E-03	4.01E-04	9.76E-04	3.01E-04	2.31E-04	7.69E-05	1.80E-04	3.70E-05
5791	624228.4	4266492.18	1.16E-03	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.63E-05	1.79E-04	3.67E-05
5792	624219.36	4266488.25	1.15E-03	3.94E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04	3.64E-05
5793	624210.32	4266484.33	1.14E-03	3.91E-04	9.50E-04	2.93E-04	2.25E-04	7.49E-05	1.75E-04	3.61E-05
5794	624201.28	4266480.4	1.13E-03	3.87E-04	9.41E-04	2.90E-04	2.23E-04	7.42E-05	1.74E-04	3.57E-05
5795	624192.24	4266476.48	1.11E-03	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04	3.53E-05
5796	624183.2	4266472.55	1.10E-03	3.79E-04	9.20E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.49E-05
5797	624174.16	4266468.63	1.09E-03	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.17E-05	1.68E-04	3.45E-05
5798	624165.12	4266464.7	1.07E-03	3.69E-04	8.98E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04	3.41E-05
5799	624156.08	4266460.77	1.06E-03	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04	3.36E-05
5800	624147.04	4266456.85	1.05E-03	3.59E-04	8.73E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04	3.32E-05
5801	624138	4266452.92	1.03E-03	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04	3.27E-05
5802	624128.96	4266449	1.01E-03	3.49E-04	8.47E-04	2.61E-04	2.01E-04	6.68E-05	1.56E-04	3.22E-05
5803	624119.92	4266445.07	9.97E-04	3.43E-04	8.34E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.16E-05
5804	624074.72	4266425.44	9.12E-04	3.14E-04	7.62E-04	2.35E-04	1.80E-04	6.01E-05	1.41E-04	2.89E-05
5805	624062.05	4266412.35	8.94E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
5806	624058.42	4266403.19	8.93E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
5807	624054.79	4266394.03	8.93E-04	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
5808	624051.16	4266384.87	8.92E-04	3.07E-04	7.45E-04	2.30E-04	1.76E-04	5.87E-05	1.38E-04	2.83E-05
5809	624047.52	4266375.7	8.90E-04	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04	2.83E-05
5810	624043.89	4266366.54	8.89E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
5811	624040.26	4266357.38	8.88E-04	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
5812	624036.63	4266348.22	8.86E-04	3.05E-04	7.41E-04	2.28E-04	1.75E-04	5.84E-05	1.37E-04	2.81E-05
5813	624033	4266339.06	8.85E-04	3.04E-04	7.39E-04	2.28E-04	1.75E-04	5.83E-05	1.36E-04	2.81E-05
5814	624029.37	4266329.9	8.83E-04	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05
5815	624025.74	4266320.73	8.81E-04	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04	2.80E-05
5816	624022.1	4266311.57	8.79E-04	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04	2.79E-05
5817	624018.47	4266302.41	8.77E-04	3.02E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.78E-05
5818	624014.84	4266293.25	8.75E-04	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04	2.78E-05
5819	624011.21	4266284.09	8.73E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
5820	624007.58	4266274.92	8.70E-04	2.99E-04	7.27E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04	2.76E-05
5821	624003.95	4266265.76	8.67E-04	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
5822	624000.31	4266256.6	8.63E-04	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.69E-05	1.33E-04	2.74E-05
5823	623996.68	4266247.44	8.59E-04	2.95E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04	2.73E-05
5824	623993.05	4266238.28	8.54E-04	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04	2.71E-05
5825	623989.42	4266229.11	8.49E-04	2.92E-04	7.09E-04	2.18E-04	1.68E-04	5.59E-05	1.31E-04	2.69E-05
5826	623985.79	4266219.95	8.43E-04	2.90E-04	7.04E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04	2.67E-05

5827	623982.16	4266210.79	8.36E-04	2.87E-04	6.99E-04	2.15E-04	1.65E-04	5.51E-05	1.29E-04	2.65E-05
5828	623978.52	4266201.63	8.29E-04	2.85E-04	6.93E-04	2.13E-04	1.64E-04	5.46E-05	1.28E-04	2.63E-05
5829	623974.89	4266192.47	8.22E-04	2.83E-04	6.87E-04	2.12E-04	1.63E-04	5.41E-05	1.27E-04	2.61E-05
5830	623971.26	4266183.3	8.14E-04	2.80E-04	6.80E-04	2.10E-04	1.61E-04	5.36E-05	1.26E-04	2.58E-05
5831	623967.63	4266174.14	8.07E-04	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.31E-05	1.24E-04	2.56E-05
5832	623964	4266164.98	7.99E-04	2.75E-04	6.68E-04	2.06E-04	1.58E-04	5.26E-05	1.23E-04	2.54E-05
5833	624365.7	4266543.57	1.24E-03	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.17E-05	1.91E-04	3.94E-05
5834	624375.59	4266543.75	1.25E-03	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.23E-05	1.93E-04	3.96E-05
5835	624385.47	4266543.92	1.26E-03	4.33E-04	1.05E-03	3.24E-04	2.49E-04	8.29E-05	1.94E-04	3.99E-05
5836	624395.36	4266544.1	1.27E-03	4.35E-04	1.06E-03	3.26E-04	2.51E-04	8.34E-05	1.95E-04	4.02E-05
5837	624405.25	4266544.28	1.27E-03	4.38E-04	1.07E-03	3.28E-04	2.52E-04	8.40E-05	1.97E-04	4.04E-05
5838	624415.14	4266544.45	1.28E-03	4.41E-04	1.07E-03	3.30E-04	2.54E-04	8.45E-05	1.98E-04	4.07E-05
5839	624425.03	4266544.63	1.29E-03	4.43E-04	1.08E-03	3.32E-04	2.55E-04	8.50E-05	1.99E-04	4.09E-05
5840	624434.92	4266544.81	1.30E-03	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.54E-05	2.00E-04	4.12E-05
5841	624444.81	4266544.98	1.30E-03	4.48E-04	1.09E-03	3.36E-04	2.58E-04	8.59E-05	2.01E-04	4.14E-05
5842	624454.7	4266545.16	1.31E-03	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.64E-05	2.02E-04	4.16E-05
5843	624464.59	4266545.34	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04	4.18E-05
5844	624474.48	4266545.51	1.32E-03	4.55E-04	1.11E-03	3.41E-04	2.62E-04	8.72E-05	2.04E-04	4.20E-05
5845	624484.37	4266545.69	1.33E-03	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.76E-05	2.05E-04	4.22E-05
5846	624494.26	4266545.87	1.34E-03	4.59E-04	1.12E-03	3.44E-04	2.64E-04	8.80E-05	2.06E-04	4.24E-05
5847	624504.15	4266546.04	1.34E-03	4.61E-04	1.12E-03	3.45E-04	2.66E-04	8.84E-05	2.07E-04	4.26E-05
5848	624514.03	4266546.22	1.35E-03	4.63E-04	1.13E-03	3.47E-04	2.67E-04	8.87E-05	2.08E-04	4.27E-05
5849	624523.92	4266546.4	1.35E-03	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.90E-05	2.09E-04	4.29E-05
5850	624533.81	4266546.57	1.36E-03	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.94E-05	2.09E-04	4.30E-05
5851	624543.7	4266546.75	1.36E-03	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04	4.32E-05
5852	624553.59	4266546.92	1.36E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.11E-04	4.33E-05
5853	624563.48	4266547.1	1.37E-03	4.70E-04	1.14E-03	3.52E-04	2.71E-04	9.01E-05	2.11E-04	4.34E-05
5854	624573.37	4266547.28	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.12E-04	4.35E-05
5855	624583.26	4266547.45	1.37E-03	4.72E-04	1.15E-03	3.54E-04	2.72E-04	9.05E-05	2.12E-04	4.36E-05
5856	624593.15	4266547.63	1.38E-03	4.73E-04	1.15E-03	3.54E-04	2.72E-04	9.06E-05	2.12E-04	4.37E-05
5857	624603.04	4266547.81	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.08E-05	2.13E-04	4.37E-05
5858	624612.93	4266547.98	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.08E-05	2.13E-04	4.38E-05
5859	624622.82	4266548.16	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04	4.38E-05
5860	624632.7	4266548.34	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04	4.38E-05
5861	624642.59	4266548.51	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04	4.38E-05
5862	624652.48	4266548.69	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.07E-05	2.13E-04	4.37E-05
5863	624662.37	4266548.87	1.37E-03	4.73E-04	1.15E-03	3.54E-04	2.72E-04	9.06E-05	2.12E-04	4.36E-05
5864	624672.26	4266549.04	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.12E-04	4.35E-05
5865	624682.15	4266549.22	1.37E-03	4.70E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04	4.34E-05
5866	624692.04	4266549.4	1.36E-03	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04	4.32E-05
5867	624701.93	4266549.57	1.35E-03	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.92E-05	2.09E-04	4.30E-05
5868	624711.82	4266549.75	1.35E-03	4.63E-04	1.12E-03	3.47E-04	2.66E-04	8.87E-05	2.08E-04	4.27E-05
5869	624721.71	4266549.93	1.34E-03	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04	4.25E-05
5870	624731.6	4266550.1	1.33E-03	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04	4.22E-05
5871	624741.49	4266550.28	1.32E-03	4.54E-04	1.10E-03	3.40E-04	2.61E-04	8.69E-05	2.04E-04	4.19E-05
5872	624751.38	4266550.46	1.31E-03	4.50E-04	1.09E-03	3.37E-04	2.59E-04	8.63E-05	2.02E-04	4.16E-05
5873	624761.26	4266550.63	1.30E-03	4.47E-04	1.09E-03	3.35E-04	2.57E-04	8.56E-05	2.01E-04	4.13E-05
5874	624771.15	4266550.81	1.29E-03	4.44E-04	1.08E-03	3.32E-04	2.55E-04	8.50E-05	1.99E-04	4.09E-05
5875	624781.04	4266550.99	1.28E-03	4.40E-04	1.07E-03	3.30E-04	2.53E-04	8.43E-05	1.98E-04	4.06E-05
5876	624790.93	4266551.16	1.27E-03	4.37E-04	1.06E-03	3.27E-04	2.51E-04	8.37E-05	1.96E-04	4.03E-05
5877	624800.82	4266551.34	1.26E-03	4.33E-04	1.05E-03	3.24E-04	2.49E-04	8.30E-05	1.94E-04	4.00E-05
5878	624810.71	4266551.52	1.25E-03	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.23E-05	1.93E-04	3.97E-05
5879	624820.6	4266551.69	1.24E-03	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04	3.93E-05

5880	624830.49	4266551.87	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
5881	624840.38	4266552.05	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.40E-04	8.01E-05	1.87E-04	3.86E-05
5882	624336.02	4266589.3	1.08E-03	3.72E-04	9.04E-04	2.78E-04	2.14E-04	7.13E-05	1.67E-04	3.43E-05
5883	624327.01	4266585.38	1.08E-03	3.73E-04	9.06E-04	2.79E-04	2.15E-04	7.14E-05	1.67E-04	3.44E-05
5884	624318	4266581.47	1.08E-03	3.73E-04	9.07E-04	2.79E-04	2.15E-04	7.15E-05	1.67E-04	3.44E-05
5885	624309	4266577.56	1.09E-03	3.73E-04	9.07E-04	2.79E-04	2.15E-04	7.15E-05	1.67E-04	3.44E-05
5886	624299.99	4266573.65	1.08E-03	3.73E-04	9.06E-04	2.79E-04	2.15E-04	7.14E-05	1.67E-04	3.44E-05
5887	624245.94	4266550.18	1.06E-03	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.63E-04	3.36E-05
5888	624236.93	4266546.27	1.05E-03	3.62E-04	8.80E-04	2.71E-04	2.08E-04	6.94E-05	1.62E-04	3.34E-05
5889	624227.93	4266542.35	1.05E-03	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04	3.32E-05
5890	624218.92	4266538.44	1.04E-03	3.57E-04	8.69E-04	2.68E-04	2.06E-04	6.85E-05	1.60E-04	3.30E-05
5891	624209.91	4266534.53	1.03E-03	3.55E-04	8.63E-04	2.66E-04	2.04E-04	6.80E-05	1.59E-04	3.27E-05
5892	624200.9	4266530.62	1.02E-03	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04	3.25E-05
5893	624191.9	4266526.71	1.02E-03	3.50E-04	8.50E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04	3.23E-05
5894	624182.89	4266522.8	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04	3.20E-05
5895	624173.88	4266518.88	9.99E-04	3.44E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
5896	624164.87	4266514.97	9.90E-04	3.40E-04	8.27E-04	2.55E-04	1.96E-04	6.52E-05	1.53E-04	3.14E-05
5897	624155.87	4266511.06	9.80E-04	3.37E-04	8.19E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
5898	624146.86	4266507.15	9.69E-04	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
5899	624137.85	4266503.24	9.58E-04	3.29E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04	3.04E-05
5900	624128.84	4266499.32	9.46E-04	3.25E-04	7.91E-04	2.44E-04	1.87E-04	6.23E-05	1.46E-04	3.00E-05
5901	624119.84	4266495.41	9.34E-04	3.21E-04	7.81E-04	2.40E-04	1.85E-04	6.15E-05	1.44E-04	2.96E-05
5902	624074.8	4266475.85	8.66E-04	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04	2.75E-05
5903	624065.79	4266471.94	8.52E-04	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04	2.70E-05
5904	624056.78	4266468.03	8.37E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
5905	624047.78	4266464.12	8.22E-04	2.83E-04	6.87E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
5906	624038.77	4266460.21	8.08E-04	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05
5907	624026.14	4266447.16	7.93E-04	2.73E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.52E-05
5908	624022.52	4266438.04	7.92E-04	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
5909	624018.91	4266428.91	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.56E-04	5.21E-05	1.22E-04	2.51E-05
5910	624015.29	4266419.78	7.89E-04	2.71E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04	2.51E-05
5911	624011.67	4266410.65	7.88E-04	2.71E-04	6.59E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04	2.50E-05
5912	624008.05	4266401.52	7.87E-04	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.18E-05	1.21E-04	2.50E-05
5913	624004.43	4266392.39	7.86E-04	2.70E-04	6.57E-04	2.02E-04	1.55E-04	5.18E-05	1.21E-04	2.49E-05
5914	624000.81	4266383.26	7.84E-04	2.70E-04	6.55E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
5915	623997.19	4266374.13	7.83E-04	2.69E-04	6.54E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.48E-05
5916	623993.57	4266365	7.81E-04	2.69E-04	6.53E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
5917	623989.96	4266355.87	7.80E-04	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.48E-05
5918	623986.34	4266346.74	7.79E-04	2.68E-04	6.51E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
5919	623982.72	4266337.61	7.77E-04	2.67E-04	6.50E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.47E-05
5920	623979.1	4266328.48	7.76E-04	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04	2.46E-05
5921	623975.48	4266319.36	7.75E-04	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.20E-04	2.46E-05
5922	623971.86	4266310.23	7.73E-04	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
5923	623968.24	4266301.1	7.71E-04	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04	2.45E-05
5924	623964.62	4266291.97	7.69E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
5925	623961.01	4266282.84	7.67E-04	2.64E-04	6.41E-04	1.98E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
5926	623957.39	4266273.71	7.65E-04	2.63E-04	6.39E-04	1.97E-04	1.51E-04	5.04E-05	1.18E-04	2.43E-05
5927	623953.77	4266264.58	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
5928	623950.15	4266255.45	7.58E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
5929	623946.53	4266246.32	7.54E-04	2.59E-04	6.31E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.39E-05
5930	623942.91	4266237.19	7.50E-04	2.58E-04	6.27E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04	2.38E-05
5931	623939.29	4266228.06	7.45E-04	2.56E-04	6.23E-04	1.92E-04	1.48E-04	4.91E-05	1.15E-04	2.37E-05
5932	623935.68	4266218.93	7.40E-04	2.54E-04	6.18E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04	2.35E-05

5933	623932.06	4266209.8	7.34E-04	2.52E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04	2.33E-05
5934	623928.44	4266200.67	7.28E-04	2.50E-04	6.08E-04	1.87E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
5935	623924.82	4266191.55	7.22E-04	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.76E-05	1.11E-04	2.29E-05
5936	623921.2	4266182.42	7.16E-04	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04	2.27E-05
5937	623917.58	4266173.29	7.09E-04	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
5938	623913.96	4266164.16	7.03E-04	2.42E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
5939	623910.34	4266155.03	6.96E-04	2.39E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.07E-04	2.21E-05
5940	624345.03	4266593.21	1.08E-03	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.66E-04	3.42E-05
5941	624354.91	4266593.38	1.09E-03	3.73E-04	9.07E-04	2.80E-04	2.15E-04	7.15E-05	1.68E-04	3.45E-05
5942	624364.8	4266593.56	1.09E-03	3.76E-04	9.13E-04	2.81E-04	2.16E-04	7.19E-05	1.69E-04	3.47E-05
5943	624374.69	4266593.74	1.10E-03	3.78E-04	9.18E-04	2.83E-04	2.17E-04	7.23E-05	1.69E-04	3.48E-05
5944	624384.58	4266593.91	1.10E-03	3.79E-04	9.22E-04	2.84E-04	2.18E-04	7.27E-05	1.70E-04	3.50E-05
5945	624394.47	4266594.09	1.11E-03	3.81E-04	9.27E-04	2.85E-04	2.19E-04	7.30E-05	1.71E-04	3.52E-05
5946	624404.36	4266594.27	1.11E-03	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04	3.53E-05
5947	624414.25	4266594.44	1.12E-03	3.84E-04	9.35E-04	2.88E-04	2.21E-04	7.37E-05	1.73E-04	3.55E-05
5948	624424.14	4266594.62	1.12E-03	3.86E-04	9.38E-04	2.89E-04	2.22E-04	7.40E-05	1.73E-04	3.56E-05
5949	624434.03	4266594.8	1.13E-03	3.87E-04	9.42E-04	2.90E-04	2.23E-04	7.42E-05	1.74E-04	3.58E-05
5950	624443.92	4266594.97	1.13E-03	3.89E-04	9.45E-04	2.91E-04	2.24E-04	7.45E-05	1.74E-04	3.59E-05
5951	624453.81	4266595.15	1.13E-03	3.90E-04	9.48E-04	2.92E-04	2.25E-04	7.47E-05	1.75E-04	3.60E-05
5952	624463.7	4266595.33	1.14E-03	3.91E-04	9.51E-04	2.93E-04	2.25E-04	7.50E-05	1.76E-04	3.61E-05
5953	624473.58	4266595.5	1.14E-03	3.93E-04	9.54E-04	2.94E-04	2.26E-04	7.52E-05	1.76E-04	3.62E-05
5954	624483.47	4266595.68	1.15E-03	3.94E-04	9.57E-04	2.95E-04	2.27E-04	7.55E-05	1.77E-04	3.63E-05
5955	624493.36	4266595.86	1.15E-03	3.95E-04	9.60E-04	2.96E-04	2.27E-04	7.57E-05	1.77E-04	3.65E-05
5956	624503.25	4266596.03	1.15E-03	3.96E-04	9.63E-04	2.97E-04	2.28E-04	7.59E-05	1.78E-04	3.66E-05
5957	624513.14	4266596.21	1.16E-03	3.97E-04	9.66E-04	2.97E-04	2.29E-04	7.61E-05	1.78E-04	3.67E-05
5958	624523.03	4266596.39	1.16E-03	3.98E-04	9.68E-04	2.98E-04	2.29E-04	7.63E-05	1.79E-04	3.68E-05
5959	624532.92	4266596.56	1.16E-03	3.99E-04	9.71E-04	2.99E-04	2.30E-04	7.65E-05	1.79E-04	3.69E-05
5960	624542.81	4266596.74	1.16E-03	4.00E-04	9.73E-04	3.00E-04	2.30E-04	7.67E-05	1.80E-04	3.70E-05
5961	624552.7	4266596.92	1.17E-03	4.01E-04	9.76E-04	3.01E-04	2.31E-04	7.69E-05	1.80E-04	3.70E-05
5962	624562.59	4266597.09	1.17E-03	4.02E-04	9.78E-04	3.01E-04	2.32E-04	7.71E-05	1.81E-04	3.71E-05
5963	624572.48	4266597.27	1.17E-03	4.03E-04	9.80E-04	3.02E-04	2.32E-04	7.72E-05	1.81E-04	3.72E-05
5964	624582.37	4266597.45	1.17E-03	4.04E-04	9.82E-04	3.02E-04	2.32E-04	7.74E-05	1.81E-04	3.73E-05
5965	624592.26	4266597.62	1.18E-03	4.05E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.82E-04	3.73E-05
5966	624602.14	4266597.8	1.18E-03	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5967	624612.03	4266597.98	1.18E-03	4.06E-04	9.86E-04	3.04E-04	2.34E-04	7.77E-05	1.82E-04	3.74E-05
5968	624621.92	4266598.15	1.18E-03	4.06E-04	9.87E-04	3.04E-04	2.34E-04	7.78E-05	1.82E-04	3.75E-05
5969	624631.81	4266598.33	1.18E-03	4.06E-04	9.87E-04	3.04E-04	2.34E-04	7.78E-05	1.82E-04	3.75E-05
5970	624641.7	4266598.51	1.18E-03	4.06E-04	9.87E-04	3.04E-04	2.34E-04	7.78E-05	1.82E-04	3.75E-05
5971	624651.59	4266598.68	1.18E-03	4.06E-04	9.86E-04	3.04E-04	2.33E-04	7.77E-05	1.82E-04	3.74E-05
5972	624661.48	4266598.86	1.18E-03	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
5973	624671.37	4266599.04	1.17E-03	4.04E-04	9.81E-04	3.02E-04	2.32E-04	7.74E-05	1.81E-04	3.73E-05
5974	624681.26	4266599.21	1.17E-03	4.02E-04	9.78E-04	3.01E-04	2.32E-04	7.71E-05	1.81E-04	3.71E-05
5975	624691.15	4266599.39	1.17E-03	4.01E-04	9.74E-04	3.00E-04	2.31E-04	7.68E-05	1.80E-04	3.70E-05
5976	624701.04	4266599.57	1.16E-03	3.99E-04	9.70E-04	2.99E-04	2.30E-04	7.65E-05	1.79E-04	3.68E-05
5977	624710.93	4266599.74	1.15E-03	3.97E-04	9.65E-04	2.97E-04	2.29E-04	7.61E-05	1.78E-04	3.67E-05
5978	624720.81	4266599.92	1.15E-03	3.95E-04	9.60E-04	2.96E-04	2.27E-04	7.57E-05	1.77E-04	3.65E-05
5979	624730.7	4266600.1	1.14E-03	3.93E-04	9.55E-04	2.94E-04	2.26E-04	7.53E-05	1.76E-04	3.63E-05
5980	624740.59	4266600.27	1.14E-03	3.91E-04	9.49E-04	2.92E-04	2.25E-04	7.48E-05	1.75E-04	3.60E-05
5981	624750.48	4266600.45	1.13E-03	3.88E-04	9.44E-04	2.91E-04	2.23E-04	7.44E-05	1.74E-04	3.58E-05
5982	624760.37	4266600.63	1.12E-03	3.86E-04	9.38E-04	2.89E-04	2.22E-04	7.39E-05	1.73E-04	3.56E-05
5983	624770.26	4266600.8	1.12E-03	3.84E-04	9.32E-04	2.87E-04	2.21E-04	7.35E-05	1.72E-04	3.54E-05
5984	624780.15	4266600.98	1.11E-03	3.81E-04	9.27E-04	2.85E-04	2.19E-04	7.30E-05	1.71E-04	3.52E-05
5985	624790.04	4266601.16	1.10E-03	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.50E-05

5986	624799.93	4266601.33	1.09E-03	3.76E-04	9.15E-04	2.82E-04	2.17E-04	7.21E-05	1.69E-04	3.47E-05
5987	624809.82	4266601.51	1.09E-03	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.17E-05	1.68E-04	3.45E-05
5988	624819.71	4266601.69	1.08E-03	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04	3.43E-05
5989	624829.6	4266601.86	1.07E-03	3.69E-04	8.96E-04	2.76E-04	2.12E-04	7.06E-05	1.65E-04	3.40E-05
5990	624839.49	4266602.04	1.06E-03	3.66E-04	8.89E-04	2.74E-04	2.10E-04	7.01E-05	1.64E-04	3.37E-05
5991	624335.15	4266639.3	9.64E-04	3.31E-04	8.06E-04	2.48E-04	1.91E-04	6.35E-05	1.49E-04	3.06E-05
5992	624326.17	4266635.4	9.67E-04	3.32E-04	8.08E-04	2.49E-04	1.91E-04	6.37E-05	1.49E-04	3.07E-05
5993	624317.19	4266631.5	9.69E-04	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
5994	624308.2	4266627.6	9.71E-04	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
5995	624299.22	4266623.7	9.71E-04	3.34E-04	8.12E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
5996	624290.24	4266619.8	9.71E-04	3.34E-04	8.12E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04	3.08E-05
5997	624281.26	4266615.9	9.70E-04	3.33E-04	8.11E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
5998	624272.28	4266611.99	9.68E-04	3.33E-04	8.09E-04	2.49E-04	1.92E-04	6.38E-05	1.49E-04	3.07E-05
5999	624263.3	4266608.09	9.65E-04	3.32E-04	8.06E-04	2.48E-04	1.91E-04	6.36E-05	1.49E-04	3.06E-05
6000	624254.31	4266604.19	9.62E-04	3.31E-04	8.04E-04	2.48E-04	1.90E-04	6.34E-05	1.48E-04	3.05E-05
6001	624245.33	4266600.29	9.58E-04	3.29E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04	3.04E-05
6002	624236.35	4266596.39	9.54E-04	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.28E-05	1.47E-04	3.03E-05
6003	624227.37	4266592.49	9.49E-04	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
6004	624218.39	4266588.59	9.44E-04	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	3.00E-05
6005	624209.4	4266584.69	9.39E-04	3.23E-04	7.85E-04	2.42E-04	1.86E-04	6.19E-05	1.45E-04	2.98E-05
6006	624155.51	4266561.29	9.03E-04	3.11E-04	7.55E-04	2.33E-04	1.79E-04	5.95E-05	1.39E-04	2.87E-05
6007	624146.53	4266557.39	8.96E-04	3.08E-04	7.49E-04	2.31E-04	1.77E-04	5.90E-05	1.38E-04	2.84E-05
6008	624137.55	4266553.48	8.88E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
6009	624128.57	4266549.58	8.80E-04	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
6010	624119.59	4266545.68	8.71E-04	3.00E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04	2.77E-05
6011	624065.69	4266522.28	8.08E-04	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
6012	624056.71	4266518.38	7.97E-04	2.74E-04	6.66E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04	2.53E-05
6013	624047.73	4266514.48	7.84E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6014	624038.75	4266510.58	7.72E-04	2.66E-04	6.45E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
6015	624029.77	4266506.68	7.60E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05
6016	624020.78	4266502.78	7.47E-04	2.57E-04	6.25E-04	1.92E-04	1.48E-04	4.92E-05	1.15E-04	2.37E-05
6017	624011.8	4266498.87	7.35E-04	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04	2.33E-05
6018	624002.82	4266494.97	7.22E-04	2.48E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.11E-04	2.29E-05
6019	623990.23	4266481.97	7.09E-04	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
6020	623986.62	4266472.87	7.08E-04	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
6021	623983.01	4266463.76	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
6022	623979.41	4266454.66	7.05E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6023	623975.8	4266445.56	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.23E-05
6024	623972.19	4266436.45	7.03E-04	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
6025	623968.58	4266427.35	7.02E-04	2.41E-04	5.86E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04	2.23E-05
6026	623964.97	4266418.25	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04	2.22E-05
6027	623961.36	4266409.14	6.99E-04	2.40E-04	5.84E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04	2.22E-05
6028	623957.76	4266400.04	6.98E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05
6029	623954.15	4266390.94	6.97E-04	2.40E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.07E-04	2.21E-05
6030	623950.54	4266381.83	6.96E-04	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04	2.21E-05
6031	623946.93	4266372.73	6.95E-04	2.39E-04	5.81E-04	1.79E-04	1.37E-04	4.58E-05	1.07E-04	2.20E-05
6032	623943.32	4266363.63	6.94E-04	2.38E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
6033	623939.71	4266354.52	6.93E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
6034	623936.11	4266345.42	6.92E-04	2.38E-04	5.78E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
6035	623932.5	4266336.32	6.91E-04	2.38E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
6036	623928.89	4266327.22	6.90E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.06E-04	2.19E-05
6037	623925.28	4266318.11	6.89E-04	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
6038	623921.67	4266309.01	6.88E-04	2.36E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05

6039	623918.06	4266299.91	6.86E-04	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04	2.18E-05
6040	623914.45	4266290.8	6.85E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
6041	623910.85	4266281.7	6.82E-04	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
6042	623907.24	4266272.6	6.80E-04	2.34E-04	5.68E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04	2.16E-05
6043	623903.63	4266263.49	6.77E-04	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
6044	623900.02	4266254.39	6.74E-04	2.32E-04	5.63E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
6045	623896.41	4266245.29	6.70E-04	2.31E-04	5.60E-04	1.73E-04	1.33E-04	4.42E-05	1.03E-04	2.13E-05
6046	623892.8	4266236.18	6.66E-04	2.29E-04	5.57E-04	1.72E-04	1.32E-04	4.39E-05	1.03E-04	2.12E-05
6047	623889.2	4266227.08	6.62E-04	2.28E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
6048	623885.59	4266217.98	6.57E-04	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.09E-05
6049	623881.98	4266208.87	6.52E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
6050	623878.37	4266199.77	6.47E-04	2.22E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05
6051	623874.76	4266190.67	6.41E-04	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6052	623871.15	4266181.56	6.36E-04	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.81E-05	2.02E-05
6053	623867.55	4266172.46	6.30E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.73E-05	2.00E-05
6054	623863.94	4266163.36	6.25E-04	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05	1.98E-05
6055	623860.33	4266154.25	6.19E-04	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
6056	624344.13	4266643.2	9.60E-04	3.30E-04	8.03E-04	2.47E-04	1.90E-04	6.33E-05	1.48E-04	3.05E-05
6057	624354.02	4266643.38	9.65E-04	3.32E-04	8.06E-04	2.48E-04	1.91E-04	6.36E-05	1.49E-04	3.06E-05
6058	624363.91	4266643.55	9.69E-04	3.33E-04	8.10E-04	2.49E-04	1.92E-04	6.38E-05	1.49E-04	3.07E-05
6059	624373.8	4266643.73	9.72E-04	3.34E-04	8.13E-04	2.50E-04	1.92E-04	6.41E-05	1.50E-04	3.09E-05
6060	624383.69	4266643.91	9.76E-04	3.35E-04	8.15E-04	2.51E-04	1.93E-04	6.43E-05	1.51E-04	3.10E-05
6061	624393.58	4266644.08	9.79E-04	3.37E-04	8.18E-04	2.52E-04	1.94E-04	6.45E-05	1.51E-04	3.11E-05
6062	624403.47	4266644.26	9.81E-04	3.37E-04	8.20E-04	2.53E-04	1.94E-04	6.47E-05	1.51E-04	3.11E-05
6063	624413.36	4266644.44	9.84E-04	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04	3.12E-05
6064	624423.25	4266644.61	9.86E-04	3.39E-04	8.24E-04	2.54E-04	1.95E-04	6.50E-05	1.52E-04	3.13E-05
6065	624433.14	4266644.79	9.89E-04	3.40E-04	8.26E-04	2.55E-04	1.96E-04	6.51E-05	1.53E-04	3.14E-05
6066	624443.02	4266644.97	9.91E-04	3.41E-04	8.28E-04	2.55E-04	1.96E-04	6.53E-05	1.53E-04	3.14E-05
6067	624452.91	4266645.14	9.93E-04	3.41E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04	3.15E-05
6068	624462.8	4266645.32	9.95E-04	3.42E-04	8.31E-04	2.56E-04	1.97E-04	6.55E-05	1.54E-04	3.16E-05
6069	624472.69	4266645.5	9.97E-04	3.43E-04	8.33E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.16E-05
6070	624482.58	4266645.67	9.99E-04	3.43E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
6071	624492.47	4266645.85	1.00E-03	3.44E-04	8.37E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04	3.18E-05
6072	624502.36	4266646.03	1.00E-03	3.45E-04	8.38E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04	3.18E-05
6073	624512.25	4266646.2	1.00E-03	3.46E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
6074	624522.14	4266646.38	1.01E-03	3.46E-04	8.42E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04	3.20E-05
6075	624532.03	4266646.56	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.20E-05
6076	624541.92	4266646.73	1.01E-03	3.48E-04	8.45E-04	2.60E-04	2.00E-04	6.66E-05	1.56E-04	3.21E-05
6077	624551.81	4266646.91	1.01E-03	3.48E-04	8.47E-04	2.61E-04	2.01E-04	6.68E-05	1.56E-04	3.22E-05
6078	624561.69	4266647.09	1.02E-03	3.49E-04	8.49E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04	3.22E-05
6079	624571.58	4266647.26	1.02E-03	3.50E-04	8.50E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04	3.23E-05
6080	624581.47	4266647.44	1.02E-03	3.50E-04	8.52E-04	2.62E-04	2.02E-04	6.71E-05	1.57E-04	3.23E-05
6081	624591.36	4266647.62	1.02E-03	3.51E-04	8.53E-04	2.63E-04	2.02E-04	6.73E-05	1.58E-04	3.24E-05
6082	624601.25	4266647.79	1.02E-03	3.51E-04	8.54E-04	2.63E-04	2.02E-04	6.73E-05	1.58E-04	3.24E-05
6083	624611.14	4266647.97	1.02E-03	3.52E-04	8.55E-04	2.63E-04	2.03E-04	6.74E-05	1.58E-04	3.25E-05
6084	624621.03	4266648.15	1.02E-03	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04	3.25E-05
6085	624630.92	4266648.32	1.02E-03	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04	3.25E-05
6086	624640.81	4266648.5	1.02E-03	3.52E-04	8.55E-04	2.63E-04	2.03E-04	6.74E-05	1.58E-04	3.25E-05
6087	624650.7	4266648.67	1.02E-03	3.51E-04	8.54E-04	2.63E-04	2.02E-04	6.73E-05	1.58E-04	3.24E-05
6088	624660.59	4266648.85	1.02E-03	3.51E-04	8.53E-04	2.63E-04	2.02E-04	6.72E-05	1.57E-04	3.24E-05
6089	624670.48	4266649.03	1.02E-03	3.50E-04	8.51E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04	3.23E-05
6090	624680.37	4266649.2	1.01E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.68E-05	1.57E-04	3.22E-05
6091	624690.25	4266649.38	1.01E-03	3.48E-04	8.45E-04	2.60E-04	2.00E-04	6.66E-05	1.56E-04	3.21E-05

6092	624700.14	4266649.56	1.01E-03	3.46E-04	8.42E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04	3.20E-05
6093	624710.03	4266649.73	1.00E-03	3.45E-04	8.38E-04	2.58E-04	1.98E-04	6.61E-05	1.55E-04	3.18E-05
6094	624719.92	4266649.91	9.98E-04	3.43E-04	8.34E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
6095	624729.81	4266650.09	9.93E-04	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04	3.15E-05
6096	624739.7	4266650.26	9.89E-04	3.40E-04	8.26E-04	2.55E-04	1.96E-04	6.51E-05	1.53E-04	3.14E-05
6097	624749.59	4266650.44	9.84E-04	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04	3.12E-05
6098	624759.48	4266650.62	9.79E-04	3.37E-04	8.18E-04	2.52E-04	1.94E-04	6.45E-05	1.51E-04	3.11E-05
6099	624769.37	4266650.79	9.74E-04	3.35E-04	8.14E-04	2.51E-04	1.93E-04	6.42E-05	1.50E-04	3.09E-05
6100	624779.26	4266650.97	9.70E-04	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04	3.08E-05
6101	624789.15	4266651.15	9.65E-04	3.32E-04	8.06E-04	2.48E-04	1.91E-04	6.36E-05	1.49E-04	3.06E-05
6102	624799.04	4266651.32	9.60E-04	3.30E-04	8.02E-04	2.47E-04	1.90E-04	6.33E-05	1.48E-04	3.05E-05
6103	624808.92	4266651.5	9.55E-04	3.28E-04	7.98E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04	3.03E-05
6104	624818.81	4266651.68	9.49E-04	3.26E-04	7.94E-04	2.44E-04	1.88E-04	6.26E-05	1.46E-04	3.01E-05
6105	624828.7	4266651.85	9.44E-04	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	2.99E-05
6106	624838.59	4266652.03	9.38E-04	3.22E-04	7.84E-04	2.41E-04	1.86E-04	6.18E-05	1.45E-04	2.98E-05
6107	624334.28	4266689.3	8.64E-04	2.97E-04	7.22E-04	2.22E-04	1.71E-04	5.69E-05	1.33E-04	2.74E-05
6108	624325.32	4266685.41	8.67E-04	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
6109	624316.36	4266681.52	8.70E-04	2.99E-04	7.27E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04	2.76E-05
6110	624307.4	4266677.63	8.73E-04	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
6111	624298.43	4266673.73	8.75E-04	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.78E-05
6112	624289.47	4266669.84	8.76E-04	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04	2.78E-05
6113	624280.51	4266665.95	8.76E-04	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04	2.78E-05
6114	624271.55	4266662.06	8.75E-04	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.78E-05
6115	624262.59	4266658.17	8.74E-04	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.77E-05
6116	624253.63	4266654.28	8.72E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
6117	624244.67	4266650.38	8.70E-04	2.99E-04	7.27E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04	2.76E-05
6118	624235.71	4266646.49	8.67E-04	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
6119	624226.75	4266642.6	8.64E-04	2.97E-04	7.22E-04	2.22E-04	1.71E-04	5.69E-05	1.33E-04	2.74E-05
6120	624217.79	4266638.71	8.61E-04	2.96E-04	7.20E-04	2.22E-04	1.70E-04	5.67E-05	1.33E-04	2.73E-05
6121	624208.82	4266634.82	8.57E-04	2.95E-04	7.17E-04	2.21E-04	1.70E-04	5.65E-05	1.32E-04	2.72E-05
6122	624199.86	4266630.93	8.53E-04	2.93E-04	7.13E-04	2.20E-04	1.69E-04	5.62E-05	1.32E-04	2.71E-05
6123	624190.9	4266627.03	8.50E-04	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.60E-05	1.31E-04	2.70E-05
6124	624181.94	4266623.14	8.45E-04	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04	2.68E-05
6125	624172.98	4266619.25	8.41E-04	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04	2.67E-05
6126	624164.02	4266615.36	8.37E-04	2.88E-04	7.00E-04	2.15E-04	1.66E-04	5.51E-05	1.29E-04	2.66E-05
6127	624155.06	4266611.47	8.32E-04	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04	2.64E-05
6128	624146.1	4266607.58	8.27E-04	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
6129	624137.14	4266603.69	8.22E-04	2.83E-04	6.87E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
6130	624128.18	4266599.79	8.17E-04	2.81E-04	6.82E-04	2.10E-04	1.62E-04	5.38E-05	1.26E-04	2.59E-05
6131	624119.21	4266595.9	8.10E-04	2.79E-04	6.77E-04	2.09E-04	1.60E-04	5.34E-05	1.25E-04	2.57E-05
6132	624029.6	4266556.99	7.26E-04	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
6133	624020.64	4266553.09	7.15E-04	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04	2.27E-05
6134	624011.68	4266549.2	7.05E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
6135	624002.72	4266545.31	6.94E-04	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
6136	623993.76	4266541.42	6.83E-04	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
6137	623984.8	4266537.53	6.72E-04	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.13E-05
6138	623975.84	4266533.64	6.61E-04	2.27E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
6139	623966.88	4266529.74	6.51E-04	2.24E-04	5.44E-04	1.68E-04	1.29E-04	4.29E-05	1.00E-04	2.06E-05
6140	623954.32	4266516.77	6.39E-04	2.20E-04	5.34E-04	1.65E-04	1.26E-04	4.21E-05	9.86E-05	2.03E-05
6141	623950.72	4266507.69	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05	2.02E-05
6142	623947.12	4266498.61	6.37E-04	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.82E-05	2.02E-05
6143	623943.52	4266489.52	6.35E-04	2.19E-04	5.31E-04	1.64E-04	1.26E-04	4.19E-05	9.81E-05	2.02E-05
6144	623939.92	4266480.44	6.34E-04	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05	2.01E-05

6145	623936.32	4266471.36	6.33E-04	2.18E-04	5.29E-04	1.63E-04	1.25E-04	4.17E-05	9.77E-05	2.01E-05
6146	623932.72	4266462.28	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.00E-05
6147	623929.12	4266453.2	6.31E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.73E-05	2.00E-05
6148	623925.52	4266444.11	6.29E-04	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.71E-05	2.00E-05
6149	623921.92	4266435.03	6.28E-04	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.69E-05	1.99E-05
6150	623918.32	4266425.95	6.27E-04	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.68E-05	1.99E-05
6151	623914.72	4266416.87	6.26E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.13E-05	9.66E-05	1.99E-05
6152	623911.12	4266407.79	6.25E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.98E-05
6153	623907.52	4266398.7	6.24E-04	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.11E-05	9.63E-05	1.98E-05
6154	623903.92	4266389.62	6.24E-04	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05	1.98E-05
6155	623900.32	4266380.54	6.23E-04	2.14E-04	5.21E-04	1.60E-04	1.23E-04	4.11E-05	9.61E-05	1.98E-05
6156	623896.72	4266371.46	6.23E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05	1.98E-05
6157	623893.12	4266362.38	6.22E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05	1.97E-05
6158	623889.52	4266353.29	6.22E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.59E-05	1.97E-05
6159	623885.92	4266344.21	6.21E-04	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05	1.97E-05
6160	623882.32	4266335.13	6.21E-04	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05	1.97E-05
6161	623878.72	4266326.05	6.20E-04	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
6162	623875.12	4266316.97	6.19E-04	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.97E-05
6163	623871.52	4266307.88	6.18E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05	1.96E-05
6164	623867.92	4266298.8	6.17E-04	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.06E-05	9.52E-05	1.96E-05
6165	623864.32	4266289.72	6.15E-04	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.49E-05	1.95E-05
6166	623860.72	4266280.64	6.13E-04	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05	1.95E-05
6167	623857.12	4266271.55	6.11E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.02E-05	9.43E-05	1.94E-05
6168	623853.52	4266262.47	6.08E-04	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05	1.93E-05
6169	623849.92	4266253.39	6.05E-04	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.33E-05	1.92E-05
6170	623846.32	4266244.31	6.01E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05	1.91E-05
6171	623842.72	4266235.23	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05	1.90E-05
6172	623839.12	4266226.14	5.93E-04	2.04E-04	4.96E-04	1.53E-04	1.17E-04	3.91E-05	9.15E-05	1.88E-05
6173	623835.52	4266217.06	5.89E-04	2.02E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
6174	623831.92	4266207.98	5.84E-04	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.02E-05	1.85E-05
6175	623828.32	4266198.9	5.80E-04	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05	1.84E-05
6176	623824.72	4266189.82	5.75E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.82E-05
6177	623821.12	4266180.73	5.70E-04	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
6178	623817.52	4266171.65	5.65E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.72E-05	1.79E-05
6179	623813.92	4266162.57	5.60E-04	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05	1.78E-05
6180	623810.32	4266153.49	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05	1.76E-05
6181	624343.24	4266693.19	8.60E-04	2.96E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04	2.73E-05
6182	624353.13	4266693.37	8.62E-04	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04	2.74E-05
6183	624363.02	4266693.55	8.65E-04	2.97E-04	7.23E-04	2.23E-04	1.71E-04	5.70E-05	1.33E-04	2.74E-05
6184	624372.91	4266693.72	8.67E-04	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04	2.75E-05
6185	624382.8	4266693.9	8.69E-04	2.99E-04	7.26E-04	2.24E-04	1.72E-04	5.72E-05	1.34E-04	2.76E-05
6186	624392.69	4266694.08	8.70E-04	2.99E-04	7.28E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04	2.76E-05
6187	624402.57	4266694.25	8.72E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
6188	624412.46	4266694.43	8.73E-04	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
6189	624422.35	4266694.61	8.75E-04	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.78E-05
6190	624432.24	4266694.78	8.76E-04	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04	2.78E-05
6191	624442.13	4266694.96	8.77E-04	3.01E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.78E-05
6192	624452.02	4266695.13	8.78E-04	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04	2.79E-05
6193	624461.91	4266695.31	8.79E-04	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04	2.79E-05
6194	624471.8	4266695.49	8.80E-04	3.03E-04	7.35E-04	2.26E-04	1.74E-04	5.80E-05	1.36E-04	2.79E-05
6195	624481.69	4266695.66	8.81E-04	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04	2.80E-05
6196	624491.58	4266695.84	8.82E-04	3.03E-04	7.37E-04	2.27E-04	1.75E-04	5.81E-05	1.36E-04	2.80E-05
6197	624501.47	4266696.02	8.83E-04	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05

6198	624511.36	4266696.19	8.85E-04	3.04E-04	7.39E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04	2.81E-05
6199	624521.25	4266696.37	8.86E-04	3.05E-04	7.41E-04	2.28E-04	1.75E-04	5.84E-05	1.37E-04	2.81E-05
6200	624531.13	4266696.55	8.88E-04	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
6201	624541.02	4266696.72	8.89E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
6202	624550.91	4266696.9	8.91E-04	3.06E-04	7.45E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04	2.83E-05
6203	624560.8	4266697.08	8.92E-04	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
6204	624570.69	4266697.25	8.94E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04	2.84E-05
6205	624580.58	4266697.43	8.95E-04	3.08E-04	7.48E-04	2.30E-04	1.77E-04	5.90E-05	1.38E-04	2.84E-05
6206	624590.47	4266697.61	8.96E-04	3.08E-04	7.49E-04	2.31E-04	1.77E-04	5.91E-05	1.38E-04	2.84E-05
6207	624600.36	4266697.78	8.97E-04	3.08E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.38E-04	2.85E-05
6208	624610.25	4266697.96	8.98E-04	3.09E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.39E-04	2.85E-05
6209	624620.14	4266698.14	8.98E-04	3.09E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.39E-04	2.85E-05
6210	624630.03	4266698.31	8.97E-04	3.09E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.38E-04	2.85E-05
6211	624639.92	4266698.49	8.96E-04	3.08E-04	7.49E-04	2.31E-04	1.77E-04	5.91E-05	1.38E-04	2.84E-05
6212	624649.8	4266698.67	8.95E-04	3.08E-04	7.48E-04	2.30E-04	1.77E-04	5.90E-05	1.38E-04	2.84E-05
6213	624659.69	4266698.84	8.93E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
6214	624669.58	4266699.02	8.91E-04	3.06E-04	7.45E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04	2.83E-05
6215	624679.47	4266699.2	8.88E-04	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
6216	624689.36	4266699.37	8.85E-04	3.04E-04	7.40E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04	2.81E-05
6217	624699.25	4266699.55	8.82E-04	3.03E-04	7.37E-04	2.27E-04	1.75E-04	5.81E-05	1.36E-04	2.80E-05
6218	624709.14	4266699.73	8.79E-04	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04	2.79E-05
6219	624719.03	4266699.9	8.76E-04	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04	2.78E-05
6220	624728.92	4266700.08	8.72E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05
6221	624738.81	4266700.26	8.69E-04	2.99E-04	7.26E-04	2.24E-04	1.72E-04	5.72E-05	1.34E-04	2.76E-05
6222	624748.7	4266700.43	8.66E-04	2.98E-04	7.23E-04	2.23E-04	1.71E-04	5.70E-05	1.34E-04	2.75E-05
6223	624758.59	4266700.61	8.63E-04	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04	2.74E-05
6224	624768.48	4266700.79	8.59E-04	2.96E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04	2.73E-05
6225	624778.36	4266700.96	8.56E-04	2.94E-04	7.16E-04	2.20E-04	1.69E-04	5.64E-05	1.32E-04	2.72E-05
6226	624788.25	4266701.14	8.53E-04	2.93E-04	7.13E-04	2.20E-04	1.69E-04	5.62E-05	1.32E-04	2.71E-05
6227	624798.14	4266701.32	8.49E-04	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.59E-05	1.31E-04	2.69E-05
6228	624808.03	4266701.49	8.45E-04	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04	2.68E-05
6229	624817.92	4266701.67	8.41E-04	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04	2.67E-05
6230	624827.81	4266701.85	8.37E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
6231	624837.7	4266702.02	8.33E-04	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.49E-05	1.29E-04	2.64E-05
6232	624333.4	4266739.3	7.78E-04	2.68E-04	6.50E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
6233	624324.46	4266735.42	7.82E-04	2.69E-04	6.53E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
6234	624315.52	4266731.53	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6235	624306.57	4266727.65	7.88E-04	2.71E-04	6.59E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04	2.50E-05
6236	624297.63	4266723.76	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
6237	624288.69	4266719.88	7.92E-04	2.73E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.52E-05
6238	624279.74	4266716	7.93E-04	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
6239	624270.8	4266712.11	7.94E-04	2.73E-04	6.64E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
6240	624261.85	4266708.23	7.94E-04	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
6241	624252.91	4266704.34	7.93E-04	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
6242	624243.97	4266700.46	7.92E-04	2.73E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
6243	624235.02	4266696.58	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
6244	624226.08	4266692.69	7.89E-04	2.71E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04	2.50E-05
6245	624217.14	4266688.81	7.87E-04	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.21E-04	2.50E-05
6246	624208.19	4266684.92	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6247	624199.25	4266681.04	7.82E-04	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
6248	624190.3	4266677.15	7.79E-04	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
6249	624181.36	4266673.27	7.76E-04	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04	2.46E-05
6250	624172.42	4266669.39	7.73E-04	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05

6251	624163.47	4266665.5	7.70E-04	2.65E-04	6.44E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
6252	624154.53	4266661.62	7.67E-04	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
6253	624145.59	4266657.73	7.64E-04	2.63E-04	6.38E-04	1.97E-04	1.51E-04	5.03E-05	1.18E-04	2.42E-05
6254	624136.64	4266653.85	7.60E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05
6255	624127.7	4266649.97	7.56E-04	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
6256	624118.76	4266646.08	7.52E-04	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04	2.39E-05
6257	624074.04	4266626.66	7.27E-04	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.79E-05	1.12E-04	2.31E-05
6258	624065.09	4266622.78	7.20E-04	2.48E-04	6.02E-04	1.85E-04	1.43E-04	4.74E-05	1.11E-04	2.29E-05
6259	624056.15	4266618.89	7.13E-04	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04	2.26E-05
6260	624047.21	4266615.01	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6261	624038.26	4266611.13	6.99E-04	2.40E-04	5.84E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.22E-05
6262	624029.32	4266607.24	6.91E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
6263	624020.38	4266603.36	6.82E-04	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
6264	624011.43	4266599.47	6.74E-04	2.32E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
6265	624002.49	4266595.59	6.65E-04	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.38E-05	1.03E-04	2.11E-05
6266	623993.54	4266591.7	6.56E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
6267	623984.6	4266587.82	6.47E-04	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05
6268	623975.66	4266583.94	6.37E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.83E-05	2.02E-05
6269	623966.71	4266580.05	6.28E-04	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.69E-05	1.99E-05
6270	623957.77	4266576.17	6.18E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05	1.96E-05
6271	623948.83	4266572.28	6.09E-04	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
6272	623939.88	4266568.4	5.99E-04	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.25E-05	1.90E-05
6273	623930.94	4266564.52	5.90E-04	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.89E-05	9.10E-05	1.87E-05
6274	623918.4	4266551.57	5.80E-04	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.82E-05	8.94E-05	1.84E-05
6275	623914.81	4266542.5	5.78E-04	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.81E-05	8.92E-05	1.84E-05
6276	623911.22	4266533.44	5.77E-04	1.98E-04	4.82E-04	1.49E-04	1.14E-04	3.80E-05	8.91E-05	1.83E-05
6277	623907.62	4266524.37	5.76E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.89E-05	1.83E-05
6278	623904.03	4266515.31	5.75E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.82E-05
6279	623900.44	4266506.25	5.74E-04	1.97E-04	4.80E-04	1.48E-04	1.14E-04	3.78E-05	8.85E-05	1.82E-05
6280	623896.84	4266497.18	5.73E-04	1.97E-04	4.79E-04	1.47E-04	1.13E-04	3.77E-05	8.84E-05	1.82E-05
6281	623893.25	4266488.12	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.82E-05	1.81E-05
6282	623889.66	4266479.05	5.70E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
6283	623886.06	4266469.99	5.69E-04	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.78E-05	1.81E-05
6284	623882.47	4266460.92	5.68E-04	1.95E-04	4.75E-04	1.46E-04	1.12E-04	3.74E-05	8.77E-05	1.80E-05
6285	623878.88	4266451.86	5.67E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05	1.80E-05
6286	623875.29	4266442.79	5.67E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.73E-05	8.74E-05	1.80E-05
6287	623871.69	4266433.73	5.66E-04	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05	1.80E-05
6288	623868.1	4266424.66	5.65E-04	1.94E-04	4.72E-04	1.46E-04	1.12E-04	3.72E-05	8.72E-05	1.79E-05
6289	623864.51	4266415.6	5.65E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.71E-05	1.79E-05
6290	623860.91	4266406.54	5.64E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.71E-05	1.79E-05
6291	623857.32	4266397.47	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
6292	623853.73	4266388.41	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
6293	623850.13	4266379.34	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
6294	623846.54	4266370.28	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
6295	623842.95	4266361.21	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
6296	623839.36	4266352.15	5.63E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05	1.79E-05
6297	623835.76	4266343.08	5.63E-04	1.94E-04	4.71E-04	1.45E-04	1.11E-04	3.71E-05	8.69E-05	1.79E-05
6298	623832.17	4266334.02	5.63E-04	1.94E-04	4.71E-04	1.45E-04	1.11E-04	3.71E-05	8.69E-05	1.79E-05
6299	623828.58	4266324.95	5.62E-04	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.78E-05
6300	623824.98	4266315.89	5.62E-04	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05	1.78E-05
6301	623821.39	4266306.83	5.61E-04	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05	1.78E-05
6302	623817.8	4266297.76	5.59E-04	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.63E-05	1.77E-05
6303	623814.2	4266288.7	5.58E-04	1.92E-04	4.66E-04	1.44E-04	1.10E-04	3.67E-05	8.60E-05	1.77E-05

6304	623810.61	4266279.63	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05	1.76E-05
6305	623807.02	4266270.57	5.53E-04	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.53E-05	1.75E-05
6306	623803.43	4266261.5	5.50E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.49E-05	1.75E-05
6307	623799.83	4266252.44	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.44E-05	1.74E-05
6308	623796.24	4266243.37	5.44E-04	1.87E-04	4.54E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05	1.73E-05
6309	623792.65	4266234.31	5.40E-04	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05	1.71E-05
6310	623789.05	4266225.25	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
6311	623785.46	4266216.18	5.32E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.50E-05	8.21E-05	1.69E-05
6312	623781.87	4266207.12	5.28E-04	1.82E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.15E-05	1.68E-05
6313	623778.27	4266198.05	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
6314	623774.68	4266188.99	5.19E-04	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.02E-05	1.65E-05
6315	623771.09	4266179.92	5.15E-04	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.95E-05	1.63E-05
6316	623767.49	4266170.86	5.11E-04	1.76E-04	4.27E-04	1.31E-04	1.01E-04	3.36E-05	7.88E-05	1.62E-05
6317	623763.9	4266161.79	5.06E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.81E-05	1.61E-05
6318	623760.31	4266152.73	5.02E-04	1.73E-04	4.20E-04	1.29E-04	9.94E-05	3.31E-05	7.75E-05	1.59E-05
6319	624342.35	4266743.18	7.74E-04	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.19E-04	2.46E-05
6320	624352.24	4266743.36	7.75E-04	2.67E-04	6.48E-04	2.00E-04	1.53E-04	5.11E-05	1.20E-04	2.46E-05
6321	624362.13	4266743.54	7.77E-04	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.47E-05
6322	624372.01	4266743.71	7.78E-04	2.68E-04	6.50E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
6323	624381.9	4266743.89	7.79E-04	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
6324	624391.79	4266744.07	7.80E-04	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.48E-05
6325	624401.68	4266744.24	7.81E-04	2.68E-04	6.53E-04	2.01E-04	1.55E-04	5.14E-05	1.20E-04	2.48E-05
6326	624411.57	4266744.42	7.81E-04	2.69E-04	6.53E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
6327	624421.46	4266744.6	7.82E-04	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
6328	624431.35	4266744.77	7.82E-04	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.16E-05	1.21E-04	2.48E-05
6329	624441.24	4266744.95	7.83E-04	2.69E-04	6.54E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.48E-05
6330	624451.13	4266745.13	7.83E-04	2.69E-04	6.55E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.49E-05
6331	624461.02	4266745.3	7.84E-04	2.69E-04	6.55E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.49E-05
6332	624470.91	4266745.48	7.84E-04	2.70E-04	6.55E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6333	624480.8	4266745.66	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6334	624490.68	4266745.83	7.85E-04	2.70E-04	6.57E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6335	624500.57	4266746.01	7.86E-04	2.70E-04	6.57E-04	2.02E-04	1.56E-04	5.18E-05	1.21E-04	2.50E-05
6336	624510.46	4266746.19	7.87E-04	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.21E-04	2.50E-05
6337	624520.35	4266746.36	7.88E-04	2.71E-04	6.59E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04	2.50E-05
6338	624530.24	4266746.54	7.89E-04	2.71E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04	2.51E-05
6339	624540.13	4266746.72	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.56E-04	5.21E-05	1.22E-04	2.51E-05
6340	624550.02	4266746.89	7.92E-04	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
6341	624559.91	4266747.07	7.93E-04	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.52E-05
6342	624569.8	4266747.25	7.94E-04	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
6343	624579.69	4266747.42	7.95E-04	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.23E-05	1.23E-04	2.52E-05
6344	624589.58	4266747.6	7.95E-04	2.73E-04	6.65E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
6345	624599.47	4266747.78	7.95E-04	2.73E-04	6.65E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
6346	624609.36	4266747.95	7.95E-04	2.73E-04	6.65E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
6347	624619.24	4266748.13	7.95E-04	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
6348	624629.13	4266748.31	7.94E-04	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04	2.52E-05
6349	624639.02	4266748.48	7.93E-04	2.73E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.52E-05
6350	624648.91	4266748.66	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
6351	624658.8	4266748.84	7.89E-04	2.71E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04	2.50E-05
6352	624668.69	4266749.01	7.87E-04	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.21E-04	2.50E-05
6353	624678.58	4266749.19	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04	2.49E-05
6354	624688.47	4266749.37	7.82E-04	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
6355	624698.36	4266749.54	7.80E-04	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.47E-05
6356	624708.25	4266749.72	7.77E-04	2.67E-04	6.50E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.47E-05

6357	624718.14	4266749.9	7.75E-04	2.66E-04	6.48E-04	1.99E-04	1.53E-04	5.10E-05	1.20E-04	2.46E-05
6358	624728.03	4266750.07	7.72E-04	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
6359	624737.91	4266750.25	7.70E-04	2.65E-04	6.44E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
6360	624747.8	4266750.42	7.68E-04	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04	2.44E-05
6361	624757.69	4266750.6	7.66E-04	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
6362	624767.58	4266750.78	7.64E-04	2.63E-04	6.38E-04	1.97E-04	1.51E-04	5.03E-05	1.18E-04	2.42E-05
6363	624777.47	4266750.95	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
6364	624787.36	4266751.13	7.59E-04	2.61E-04	6.35E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
6365	624797.25	4266751.31	7.57E-04	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.40E-05
6366	624807.14	4266751.48	7.54E-04	2.59E-04	6.30E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.39E-05
6367	624817.03	4266751.66	7.51E-04	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
6368	624826.92	4266751.84	7.48E-04	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04	2.38E-05
6369	624836.81	4266752.01	7.45E-04	2.56E-04	6.23E-04	1.92E-04	1.48E-04	4.91E-05	1.15E-04	2.37E-05
6370	624332.53	4266789.3	7.05E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
6371	624323.6	4266785.42	7.08E-04	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
6372	624314.67	4266781.54	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
6373	624305.74	4266777.67	7.15E-04	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04	2.27E-05
6374	624296.81	4266773.79	7.18E-04	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05
6375	624287.88	4266769.91	7.20E-04	2.48E-04	6.02E-04	1.85E-04	1.43E-04	4.74E-05	1.11E-04	2.29E-05
6376	624278.95	4266766.03	7.22E-04	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04	2.29E-05
6377	624270.02	4266762.15	7.23E-04	2.49E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.12E-04	2.29E-05
6378	624261.09	4266758.28	7.24E-04	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
6379	624252.16	4266754.4	7.24E-04	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
6380	624243.23	4266750.52	7.24E-04	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
6381	624234.31	4266746.64	7.24E-04	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
6382	624225.38	4266742.77	7.23E-04	2.49E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.12E-04	2.29E-05
6383	624216.45	4266738.89	7.22E-04	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04	2.29E-05
6384	624207.52	4266735.01	7.20E-04	2.48E-04	6.02E-04	1.85E-04	1.43E-04	4.74E-05	1.11E-04	2.28E-05
6385	624198.59	4266731.13	7.18E-04	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05
6386	624189.66	4266727.25	7.16E-04	2.46E-04	5.99E-04	1.84E-04	1.42E-04	4.72E-05	1.11E-04	2.27E-05
6387	624180.73	4266723.38	7.14E-04	2.46E-04	5.97E-04	1.84E-04	1.41E-04	4.71E-05	1.10E-04	2.27E-05
6388	624171.8	4266719.5	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
6389	624162.87	4266715.62	7.10E-04	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
6390	624153.94	4266711.74	7.08E-04	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
6391	624145.02	4266707.87	7.05E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6392	624136.09	4266703.99	7.03E-04	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
6393	624127.16	4266700.11	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
6394	624118.23	4266696.23	6.98E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05
6395	624073.58	4266676.84	6.81E-04	2.34E-04	5.69E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04	2.16E-05
6396	624064.65	4266672.97	6.76E-04	2.33E-04	5.65E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
6397	624055.72	4266669.09	6.71E-04	2.31E-04	5.61E-04	1.73E-04	1.33E-04	4.42E-05	1.04E-04	2.13E-05
6398	624046.8	4266665.21	6.66E-04	2.29E-04	5.57E-04	1.72E-04	1.32E-04	4.39E-05	1.03E-04	2.11E-05
6399	624037.87	4266661.33	6.61E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.10E-05
6400	624028.94	4266657.46	6.55E-04	2.25E-04	5.47E-04	1.69E-04	1.30E-04	4.31E-05	1.01E-04	2.08E-05
6401	624020.01	4266653.58	6.48E-04	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04	2.06E-05
6402	624011.08	4266649.7	6.42E-04	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6403	624002.15	4266645.82	6.35E-04	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05	2.01E-05
6404	623993.22	4266641.94	6.27E-04	2.16E-04	5.24E-04	1.62E-04	1.24E-04	4.13E-05	9.68E-05	1.99E-05
6405	623984.29	4266638.07	6.20E-04	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
6406	623975.36	4266634.19	6.12E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05
6407	623966.43	4266630.31	6.04E-04	2.08E-04	5.04E-04	1.55E-04	1.19E-04	3.98E-05	9.31E-05	1.92E-05
6408	623957.51	4266626.43	5.95E-04	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.92E-05	9.19E-05	1.89E-05
6409	623948.58	4266622.56	5.87E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.06E-05	1.86E-05

6410	623939.65	4266618.68	5.79E-04	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05	1.84E-05
6411	623930.72	4266614.8	5.71E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
6412	623921.79	4266610.92	5.62E-04	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.78E-05
6413	623912.86	4266607.04	5.54E-04	1.91E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.55E-05	1.76E-05
6414	623903.93	4266603.17	5.46E-04	1.88E-04	4.56E-04	1.41E-04	1.08E-04	3.60E-05	8.42E-05	1.73E-05
6415	623895	4266599.29	5.38E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.30E-05	1.71E-05
6416	623882.49	4266586.36	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05	1.68E-05
6417	623878.9	4266577.31	5.28E-04	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.14E-05	1.67E-05
6418	623875.31	4266568.26	5.27E-04	1.81E-04	4.40E-04	1.36E-04	1.04E-04	3.47E-05	8.13E-05	1.67E-05
6419	623871.72	4266559.21	5.26E-04	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.11E-05	1.67E-05
6420	623868.14	4266550.16	5.25E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.46E-05	8.09E-05	1.66E-05
6421	623864.55	4266541.11	5.23E-04	1.80E-04	4.37E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
6422	623860.96	4266532.06	5.22E-04	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
6423	623857.38	4266523.01	5.21E-04	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
6424	623853.79	4266513.96	5.20E-04	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
6425	623850.2	4266504.91	5.19E-04	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
6426	623846.61	4266495.86	5.18E-04	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.41E-05	8.00E-05	1.64E-05
6427	623843.03	4266486.82	5.17E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.41E-05	7.98E-05	1.64E-05
6428	623839.44	4266477.77	5.17E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
6429	623835.85	4266468.72	5.16E-04	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
6430	623832.27	4266459.67	5.15E-04	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.39E-05	7.95E-05	1.64E-05
6431	623828.68	4266450.62	5.15E-04	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6432	623825.09	4266441.57	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6433	623821.5	4266432.52	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6434	623817.92	4266423.47	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6435	623814.33	4266414.42	5.14E-04	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6436	623810.74	4266405.37	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6437	623807.16	4266396.32	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6438	623803.57	4266387.27	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6439	623799.98	4266378.22	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6440	623796.39	4266369.17	5.15E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6441	623792.81	4266360.12	5.15E-04	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6442	623789.22	4266351.07	5.15E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6443	623785.63	4266342.02	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6444	623782.05	4266332.97	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6445	623778.46	4266323.92	5.14E-04	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.93E-05	1.63E-05
6446	623774.87	4266314.87	5.13E-04	1.76E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.91E-05	1.63E-05
6447	623771.28	4266305.82	5.12E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05	1.62E-05
6448	623767.7	4266296.77	5.10E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05	1.62E-05
6449	623764.11	4266287.72	5.08E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05	1.61E-05
6450	623760.52	4266278.67	5.06E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.81E-05	1.61E-05
6451	623756.94	4266269.62	5.04E-04	1.73E-04	4.21E-04	1.30E-04	9.97E-05	3.32E-05	7.77E-05	1.60E-05
6452	623753.35	4266260.57	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05	1.59E-05
6453	623749.76	4266251.52	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.85E-05	3.28E-05	7.68E-05	1.58E-05
6454	623746.17	4266242.47	4.94E-04	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05	1.57E-05
6455	623742.59	4266233.42	4.91E-04	1.69E-04	4.10E-04	1.26E-04	9.72E-05	3.23E-05	7.58E-05	1.56E-05
6456	623739	4266224.37	4.87E-04	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05	1.55E-05
6457	623735.41	4266215.32	4.84E-04	1.66E-04	4.04E-04	1.25E-04	9.57E-05	3.19E-05	7.46E-05	1.53E-05
6458	623731.83	4266206.27	4.80E-04	1.65E-04	4.01E-04	1.24E-04	9.50E-05	3.16E-05	7.41E-05	1.52E-05
6459	623728.24	4266197.22	4.76E-04	1.64E-04	3.98E-04	1.23E-04	9.43E-05	3.14E-05	7.35E-05	1.51E-05
6460	623724.65	4266188.17	4.72E-04	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
6461	623721.06	4266179.13	4.68E-04	1.61E-04	3.92E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05	1.49E-05
6462	623717.48	4266170.08	4.65E-04	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.47E-05

6463	623713.89	4266161.03	4.61E-04	1.59E-04	3.85E-04	1.19E-04	9.13E-05	3.04E-05	7.11E-05	1.46E-05
6464	623710.3	4266151.98	4.57E-04	1.57E-04	3.82E-04	1.18E-04	9.05E-05	3.01E-05	7.06E-05	1.45E-05
6465	624341.45	4266793.18	7.01E-04	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
6466	624351.34	4266793.35	7.02E-04	2.41E-04	5.86E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04	2.23E-05
6467	624361.23	4266793.53	7.02E-04	2.41E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
6468	624371.12	4266793.71	7.03E-04	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
6469	624381.01	4266793.88	7.03E-04	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.09E-04	2.23E-05
6470	624390.9	4266794.06	7.04E-04	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.23E-05
6471	624400.79	4266794.24	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.23E-05
6472	624410.68	4266794.41	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
6473	624420.57	4266794.59	7.05E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
6474	624430.46	4266794.77	7.05E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
6475	624440.35	4266794.94	7.05E-04	2.42E-04	5.89E-04	1.81E-04	1.40E-04	4.64E-05	1.09E-04	2.24E-05
6476	624450.24	4266795.12	7.05E-04	2.42E-04	5.89E-04	1.81E-04	1.40E-04	4.64E-05	1.09E-04	2.24E-05
6477	624460.12	4266795.3	7.05E-04	2.42E-04	5.89E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6478	624470.01	4266795.47	7.05E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6479	624479.9	4266795.65	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6480	624489.79	4266795.83	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
6481	624499.68	4266796	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
6482	624509.57	4266796.18	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
6483	624519.46	4266796.36	7.08E-04	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
6484	624529.35	4266796.53	7.09E-04	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
6485	624539.24	4266796.71	7.09E-04	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
6486	624549.13	4266796.88	7.10E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
6487	624559.02	4266797.06	7.11E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.26E-05
6488	624568.91	4266797.24	7.11E-04	2.45E-04	5.94E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
6489	624578.8	4266797.41	7.11E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
6490	624588.68	4266797.59	7.11E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
6491	624598.57	4266797.77	7.11E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.26E-05
6492	624608.46	4266797.94	7.10E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
6493	624618.35	4266798.12	7.09E-04	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
6494	624628.24	4266798.3	7.08E-04	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
6495	624638.13	4266798.47	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
6496	624648.02	4266798.65	7.05E-04	2.42E-04	5.89E-04	1.81E-04	1.40E-04	4.64E-05	1.09E-04	2.24E-05
6497	624657.91	4266798.83	7.03E-04	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
6498	624667.8	4266799	7.01E-04	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
6499	624677.69	4266799.18	6.99E-04	2.40E-04	5.84E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.22E-05
6500	624687.58	4266799.36	6.97E-04	2.40E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.08E-04	2.21E-05
6501	624697.47	4266799.53	6.95E-04	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04	2.20E-05
6502	624707.35	4266799.71	6.93E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
6503	624717.24	4266799.89	6.91E-04	2.38E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
6504	624727.13	4266800.06	6.89E-04	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
6505	624737.02	4266800.24	6.88E-04	2.36E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05
6506	624746.91	4266800.42	6.86E-04	2.36E-04	5.73E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04	2.18E-05
6507	624756.8	4266800.59	6.85E-04	2.35E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
6508	624766.69	4266800.77	6.84E-04	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
6509	624776.58	4266800.95	6.82E-04	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.49E-05	1.05E-04	2.16E-05
6510	624786.47	4266801.12	6.81E-04	2.34E-04	5.69E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04	2.16E-05
6511	624796.36	4266801.3	6.79E-04	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
6512	624806.25	4266801.48	6.77E-04	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
6513	624816.14	4266801.65	6.75E-04	2.32E-04	5.64E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05
6514	624826.03	4266801.83	6.73E-04	2.31E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
6515	624835.91	4266802.01	6.71E-04	2.31E-04	5.61E-04	1.73E-04	1.33E-04	4.42E-05	1.04E-04	2.13E-05

6516	624331.64	4266839.3	6.41E-04	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6517	624322.73	4266835.42	6.45E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05	2.05E-05
6518	624313.81	4266831.55	6.48E-04	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04	2.06E-05
6519	624304.9	4266827.68	6.51E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.29E-05	1.01E-04	2.07E-05
6520	624295.98	4266823.81	6.54E-04	2.25E-04	5.47E-04	1.68E-04	1.30E-04	4.31E-05	1.01E-04	2.08E-05
6521	624287.06	4266819.93	6.57E-04	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.08E-05
6522	624278.15	4266816.06	6.59E-04	2.27E-04	5.51E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04	2.09E-05
6523	624269.23	4266812.19	6.61E-04	2.27E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
6524	624260.31	4266808.32	6.62E-04	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
6525	624251.4	4266804.45	6.63E-04	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.10E-05
6526	624242.48	4266800.57	6.64E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.11E-05
6527	624233.56	4266796.7	6.64E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.11E-05
6528	624224.65	4266792.83	6.63E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.11E-05
6529	624215.73	4266788.96	6.63E-04	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.10E-05
6530	624206.81	4266785.08	6.62E-04	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
6531	624197.9	4266781.21	6.61E-04	2.27E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04	2.10E-05
6532	624188.98	4266777.34	6.60E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
6533	624180.06	4266773.47	6.59E-04	2.27E-04	5.51E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04	2.09E-05
6534	624171.15	4266769.59	6.57E-04	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.09E-05
6535	624162.23	4266765.72	6.56E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
6536	624153.31	4266761.85	6.54E-04	2.25E-04	5.47E-04	1.68E-04	1.29E-04	4.31E-05	1.01E-04	2.08E-05
6537	624144.4	4266757.98	6.53E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
6538	624135.48	4266754.11	6.51E-04	2.24E-04	5.44E-04	1.68E-04	1.29E-04	4.29E-05	1.00E-04	2.07E-05
6539	624126.56	4266750.23	6.49E-04	2.23E-04	5.43E-04	1.67E-04	1.29E-04	4.28E-05	1.00E-04	2.06E-05
6540	624117.65	4266746.36	6.47E-04	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.27E-05	9.99E-05	2.05E-05
6541	624073.06	4266727	6.37E-04	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.82E-05	2.02E-05
6542	624064.15	4266723.13	6.34E-04	2.18E-04	5.30E-04	1.63E-04	1.25E-04	4.17E-05	9.78E-05	2.01E-05
6543	624055.23	4266719.25	6.30E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.73E-05	2.00E-05
6544	624046.32	4266715.38	6.27E-04	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
6545	624037.4	4266711.51	6.23E-04	2.14E-04	5.21E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05	1.98E-05
6546	624028.48	4266707.64	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
6547	624019.57	4266703.76	6.14E-04	2.11E-04	5.13E-04	1.58E-04	1.22E-04	4.04E-05	9.47E-05	1.95E-05
6548	624010.65	4266699.89	6.09E-04	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
6549	624001.73	4266696.02	6.03E-04	2.07E-04	5.04E-04	1.55E-04	1.19E-04	3.97E-05	9.31E-05	1.91E-05
6550	623992.82	4266692.15	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05	1.90E-05
6551	623983.9	4266688.28	5.92E-04	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
6552	623974.98	4266684.4	5.85E-04	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.86E-05	9.03E-05	1.86E-05
6553	623966.07	4266680.53	5.79E-04	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05	1.84E-05
6554	623957.15	4266676.66	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05	1.82E-05
6555	623948.23	4266672.79	5.65E-04	1.94E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05	1.79E-05
6556	623939.32	4266668.91	5.58E-04	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.62E-05	1.77E-05
6557	623930.4	4266665.04	5.51E-04	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.63E-05	8.51E-05	1.75E-05
6558	623921.48	4266661.17	5.44E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05	1.73E-05
6559	623912.57	4266657.3	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
6560	623903.65	4266653.42	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
6561	623894.73	4266649.55	5.22E-04	1.80E-04	4.36E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
6562	623885.82	4266645.68	5.15E-04	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
6563	623876.9	4266641.81	5.07E-04	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
6564	623867.98	4266637.94	5.00E-04	1.72E-04	4.18E-04	1.29E-04	9.90E-05	3.30E-05	7.72E-05	1.59E-05
6565	623859.07	4266634.06	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05	1.56E-05
6566	623846.57	4266621.15	4.85E-04	1.67E-04	4.06E-04	1.25E-04	9.60E-05	3.20E-05	7.49E-05	1.54E-05
6567	623842.99	4266612.12	4.84E-04	1.67E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05	1.54E-05
6568	623839.4	4266603.08	4.83E-04	1.66E-04	4.04E-04	1.24E-04	9.57E-05	3.18E-05	7.46E-05	1.53E-05

6569	623835.82	4266594.04	4.82E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05	1.53E-05
6570	623832.24	4266585.01	4.81E-04	1.66E-04	4.02E-04	1.24E-04	9.53E-05	3.17E-05	7.43E-05	1.53E-05
6571	623828.66	4266575.97	4.80E-04	1.65E-04	4.01E-04	1.24E-04	9.51E-05	3.16E-05	7.41E-05	1.52E-05
6572	623825.08	4266566.93	4.79E-04	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.40E-05	1.52E-05
6573	623821.49	4266557.89	4.78E-04	1.64E-04	4.00E-04	1.23E-04	9.47E-05	3.15E-05	7.38E-05	1.52E-05
6574	623817.91	4266548.86	4.77E-04	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.15E-05	7.37E-05	1.51E-05
6575	623814.33	4266539.82	4.76E-04	1.64E-04	3.98E-04	1.23E-04	9.43E-05	3.14E-05	7.35E-05	1.51E-05
6576	623810.75	4266530.78	4.76E-04	1.64E-04	3.97E-04	1.22E-04	9.41E-05	3.13E-05	7.34E-05	1.51E-05
6577	623807.17	4266521.75	4.75E-04	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.32E-05	1.51E-05
6578	623803.58	4266512.71	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05	1.50E-05
6579	623800	4266503.67	4.73E-04	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05	1.50E-05
6580	623796.42	4266494.64	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
6581	623792.84	4266485.6	4.72E-04	1.62E-04	3.95E-04	1.22E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
6582	623789.25	4266476.56	4.72E-04	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
6583	623785.67	4266467.52	4.71E-04	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.27E-05	1.50E-05
6584	623782.09	4266458.49	4.71E-04	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.10E-05	7.27E-05	1.50E-05
6585	623778.51	4266449.45	4.71E-04	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.10E-05	7.27E-05	1.50E-05
6586	623774.93	4266440.41	4.71E-04	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.10E-05	7.27E-05	1.50E-05
6587	623771.34	4266431.38	4.71E-04	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.27E-05	1.50E-05
6588	623767.76	4266422.34	4.72E-04	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.28E-05	1.50E-05
6589	623764.18	4266413.3	4.72E-04	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
6590	623760.6	4266404.26	4.72E-04	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
6591	623757.02	4266395.23	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
6592	623753.43	4266386.19	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05	1.50E-05
6593	623749.85	4266377.15	4.73E-04	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05	1.50E-05
6594	623746.27	4266368.12	4.73E-04	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05	1.50E-05
6595	623742.69	4266359.08	4.73E-04	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.31E-05	1.50E-05
6596	623739.1	4266350.04	4.73E-04	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05	1.50E-05
6597	623735.52	4266341.01	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05	1.50E-05
6598	623731.94	4266331.97	4.72E-04	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
6599	623728.36	4266322.93	4.72E-04	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
6600	623724.78	4266313.89	4.71E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
6601	623721.19	4266304.86	4.69E-04	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.24E-05	1.49E-05
6602	623717.61	4266295.82	4.67E-04	1.61E-04	3.91E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05	1.48E-05
6603	623714.03	4266286.78	4.65E-04	1.60E-04	3.89E-04	1.20E-04	9.21E-05	3.07E-05	7.18E-05	1.48E-05
6604	623710.45	4266277.75	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05	1.47E-05
6605	623706.87	4266268.71	4.61E-04	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05	1.46E-05
6606	623703.28	4266259.67	4.58E-04	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.07E-05	1.45E-05
6607	623699.7	4266250.64	4.55E-04	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05	1.44E-05
6608	623696.12	4266241.6	4.52E-04	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05	1.43E-05
6609	623692.54	4266232.56	4.49E-04	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.92E-05	1.42E-05
6610	623688.95	4266223.52	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.93E-05	6.87E-05	1.41E-05
6611	623685.37	4266214.49	4.42E-04	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
6612	623681.79	4266205.45	4.39E-04	1.51E-04	3.67E-04	1.13E-04	8.69E-05	2.89E-05	6.77E-05	1.39E-05
6613	623678.21	4266196.41	4.36E-04	1.50E-04	3.64E-04	1.12E-04	8.63E-05	2.87E-05	6.73E-05	1.38E-05
6614	623674.63	4266187.38	4.33E-04	1.49E-04	3.62E-04	1.11E-04	8.56E-05	2.85E-05	6.67E-05	1.37E-05
6615	623671.04	4266178.34	4.29E-04	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05	1.36E-05
6616	623667.46	4266169.3	4.26E-04	1.46E-04	3.56E-04	1.10E-04	8.43E-05	2.80E-05	6.57E-05	1.35E-05
6617	623663.88	4266160.26	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
6618	623660.3	4266151.23	4.20E-04	1.44E-04	3.51E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
6619	624340.56	4266843.17	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05	2.02E-05
6620	624350.45	4266843.35	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.21E-05	9.85E-05	2.03E-05
6621	624360.34	4266843.52	6.39E-04	2.20E-04	5.34E-04	1.64E-04	1.26E-04	4.21E-05	9.86E-05	2.03E-05

6622	624370.23	4266843.7	6.39E-04	2.20E-04	5.34E-04	1.65E-04	1.26E-04	4.21E-05	9.86E-05	2.03E-05
6623	624380.12	4266843.87	6.39E-04	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.86E-05	2.03E-05
6624	624390.01	4266844.05	6.39E-04	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6625	624399.9	4266844.23	6.39E-04	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6626	624409.79	4266844.4	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6627	624419.68	4266844.58	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6628	624429.56	4266844.76	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6629	624439.45	4266844.93	6.39E-04	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6630	624449.34	4266845.11	6.39E-04	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6631	624459.23	4266845.29	6.39E-04	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6632	624469.12	4266845.46	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6633	624479.01	4266845.64	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05	2.03E-05
6634	624488.9	4266845.82	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.87E-05	2.03E-05
6635	624498.79	4266845.99	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.88E-05	2.03E-05
6636	624508.68	4266846.17	6.41E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.88E-05	2.03E-05
6637	624518.57	4266846.35	6.41E-04	2.20E-04	5.36E-04	1.65E-04	1.27E-04	4.22E-05	9.89E-05	2.03E-05
6638	624528.46	4266846.52	6.41E-04	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.89E-05	2.04E-05
6639	624538.35	4266846.7	6.42E-04	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6640	624548.23	4266846.88	6.42E-04	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6641	624558.12	4266847.05	6.42E-04	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6642	624568.01	4266847.23	6.42E-04	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6643	624577.9	4266847.41	6.42E-04	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6644	624587.79	4266847.58	6.42E-04	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05	2.04E-05
6645	624597.68	4266847.76	6.41E-04	2.20E-04	5.36E-04	1.65E-04	1.27E-04	4.22E-05	9.89E-05	2.03E-05
6646	624607.57	4266847.94	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.87E-05	2.03E-05
6647	624617.46	4266848.11	6.39E-04	2.20E-04	5.34E-04	1.64E-04	1.26E-04	4.21E-05	9.85E-05	2.03E-05
6648	624627.35	4266848.29	6.37E-04	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.20E-05	9.83E-05	2.02E-05
6649	624637.24	4266848.47	6.35E-04	2.18E-04	5.31E-04	1.64E-04	1.26E-04	4.19E-05	9.80E-05	2.02E-05
6650	624647.13	4266848.64	6.34E-04	2.18E-04	5.30E-04	1.63E-04	1.25E-04	4.17E-05	9.78E-05	2.01E-05
6651	624657.02	4266848.82	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.00E-05
6652	624666.91	4266849	6.29E-04	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.71E-05	2.00E-05
6653	624676.79	4266849.17	6.27E-04	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.68E-05	1.99E-05
6654	624686.68	4266849.35	6.25E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.98E-05
6655	624696.57	4266849.53	6.23E-04	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05	1.98E-05
6656	624706.46	4266849.7	6.22E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05	1.97E-05
6657	624716.35	4266849.88	6.20E-04	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
6658	624726.24	4266850.06	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
6659	624736.13	4266850.23	6.18E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05	1.96E-05
6660	624746.02	4266850.41	6.17E-04	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.07E-05	9.52E-05	1.96E-05
6661	624755.91	4266850.59	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05	1.96E-05
6662	624765.8	4266850.76	6.16E-04	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.06E-05	9.50E-05	1.95E-05
6663	624775.69	4266850.94	6.15E-04	2.11E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.49E-05	1.95E-05
6664	624785.58	4266851.12	6.14E-04	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
6665	624795.46	4266851.29	6.13E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05	1.94E-05
6666	624805.35	4266851.47	6.12E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05
6667	624815.24	4266851.65	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
6668	624825.13	4266851.82	6.09E-04	2.09E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.40E-05	1.93E-05
6669	624835.02	4266852	6.08E-04	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05	1.93E-05
6670	624329.74	4266939.23	5.40E-04	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05	1.71E-05
6671	624320.7	4266935.3	5.43E-04	1.87E-04	4.54E-04	1.40E-04	1.07E-04	3.58E-05	8.38E-05	1.72E-05
6672	624311.66	4266931.37	5.46E-04	1.88E-04	4.56E-04	1.41E-04	1.08E-04	3.60E-05	8.42E-05	1.73E-05
6673	624302.62	4266927.45	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05	1.74E-05
6674	624293.58	4266923.52	5.51E-04	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.63E-05	8.51E-05	1.75E-05

6675	624284.54	4266919.6	5.54E-04	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05	1.76E-05
6676	624275.5	4266915.67	5.56E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05	1.76E-05
6677	624266.46	4266911.75	5.57E-04	1.92E-04	4.66E-04	1.43E-04	1.10E-04	3.67E-05	8.60E-05	1.77E-05
6678	624257.42	4266907.82	5.59E-04	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.63E-05	1.77E-05
6679	624248.38	4266903.89	5.61E-04	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05	1.78E-05
6680	624239.34	4266899.97	5.62E-04	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05	1.78E-05
6681	624230.3	4266896.04	5.63E-04	1.94E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.79E-05
6682	624221.26	4266892.12	5.63E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05	1.79E-05
6683	624212.22	4266888.19	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
6684	624203.18	4266884.26	5.64E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
6685	624194.14	4266880.34	5.64E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
6686	624185.1	4266876.41	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
6687	624176.06	4266872.49	5.63E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05	1.79E-05
6688	624167.02	4266868.56	5.63E-04	1.94E-04	4.71E-04	1.45E-04	1.11E-04	3.71E-05	8.69E-05	1.79E-05
6689	624157.98	4266864.64	5.62E-04	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05	1.78E-05
6690	624148.94	4266860.71	5.62E-04	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05	1.78E-05
6691	624139.9	4266856.78	5.61E-04	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.70E-05	8.66E-05	1.78E-05
6692	624130.86	4266852.86	5.60E-04	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05	1.78E-05
6693	624121.82	4266848.93	5.59E-04	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05	1.78E-05
6694	624112.78	4266845.01	5.59E-04	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.62E-05	1.77E-05
6695	623986.22	4266790.04	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.28E-05	1.70E-05
6696	623977.18	4266786.12	5.33E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05
6697	623968.14	4266782.19	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
6698	623959.1	4266778.27	5.25E-04	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05
6699	623950.06	4266774.34	5.21E-04	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
6700	623941.02	4266770.41	5.16E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
6701	623931.98	4266766.49	5.12E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05	1.62E-05
6702	623922.94	4266762.56	5.07E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
6703	623913.9	4266758.64	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.74E-05	1.59E-05
6704	623904.86	4266754.71	4.96E-04	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.65E-05	1.57E-05
6705	623895.82	4266750.79	4.90E-04	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05	1.56E-05
6706	623886.78	4266746.86	4.85E-04	1.67E-04	4.05E-04	1.25E-04	9.60E-05	3.19E-05	7.48E-05	1.54E-05
6707	623877.74	4266742.93	4.79E-04	1.65E-04	4.00E-04	1.23E-04	9.48E-05	3.16E-05	7.39E-05	1.52E-05
6708	623868.7	4266739.01	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05	1.50E-05
6709	623859.66	4266735.08	4.67E-04	1.61E-04	3.90E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05	1.48E-05
6710	623850.63	4266731.16	4.61E-04	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05	1.46E-05
6711	623841.59	4266727.23	4.55E-04	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05	1.44E-05
6712	623832.55	4266723.3	4.49E-04	1.55E-04	3.76E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.43E-05
6713	623823.51	4266719.38	4.43E-04	1.52E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.84E-05	1.41E-05
6714	623814.47	4266715.45	4.38E-04	1.50E-04	3.66E-04	1.13E-04	8.66E-05	2.88E-05	6.75E-05	1.39E-05
6715	623805.43	4266711.53	4.32E-04	1.48E-04	3.61E-04	1.11E-04	8.55E-05	2.84E-05	6.66E-05	1.37E-05
6716	623796.39	4266707.6	4.26E-04	1.47E-04	3.56E-04	1.10E-04	8.43E-05	2.81E-05	6.57E-05	1.35E-05
6717	623787.35	4266703.68	4.20E-04	1.45E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.49E-05	1.33E-05
6718	623774.67	4266690.59	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.39E-05	1.31E-05
6719	623771.04	4266681.43	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.18E-05	2.72E-05	6.37E-05	1.31E-05
6720	623767.41	4266672.26	4.12E-04	1.42E-04	3.45E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05	1.31E-05
6721	623763.78	4266663.1	4.11E-04	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.35E-05	1.31E-05
6722	623760.15	4266653.94	4.11E-04	1.41E-04	3.43E-04	1.06E-04	8.13E-05	2.70E-05	6.33E-05	1.30E-05
6723	623756.52	4266644.78	4.10E-04	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05	1.30E-05
6724	623752.88	4266635.62	4.09E-04	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05	1.30E-05
6725	623749.25	4266626.45	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05	1.29E-05
6726	623745.62	4266617.29	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05	1.29E-05
6727	623741.99	4266608.13	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05	1.29E-05

6728	623738.36	4266598.97	4.06E-04	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
6729	623734.73	4266589.81	4.05E-04	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05	1.29E-05
6730	623731.09	4266580.64	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
6731	623727.46	4266571.48	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6732	623723.83	4266562.32	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
6733	623720.2	4266553.16	4.03E-04	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
6734	623716.57	4266544	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
6735	623712.94	4266534.83	4.02E-04	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05	1.28E-05
6736	623709.31	4266525.67	4.02E-04	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05	1.27E-05
6737	623705.67	4266516.51	4.01E-04	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.19E-05	1.27E-05
6738	623702.04	4266507.35	4.01E-04	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.64E-05	6.19E-05	1.27E-05
6739	623698.41	4266498.19	4.01E-04	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.64E-05	6.19E-05	1.27E-05
6740	623694.78	4266489.02	4.02E-04	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05	1.27E-05
6741	623691.15	4266479.86	4.02E-04	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05	1.28E-05
6742	623687.52	4266470.7	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
6743	623683.88	4266461.54	4.03E-04	1.38E-04	3.36E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
6744	623680.25	4266452.38	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
6745	623676.62	4266443.21	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6746	623672.99	4266434.05	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
6747	623669.36	4266424.89	4.05E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.24E-05	1.28E-05
6748	623665.73	4266415.73	4.05E-04	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05	1.29E-05
6749	623662.09	4266406.57	4.06E-04	1.39E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
6750	623658.46	4266397.4	4.06E-04	1.40E-04	3.39E-04	1.05E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
6751	623654.83	4266388.24	4.06E-04	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
6752	623651.2	4266379.08	4.06E-04	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
6753	623647.57	4266369.92	4.06E-04	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
6754	623643.94	4266360.76	4.06E-04	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
6755	623640.3	4266351.59	4.05E-04	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05	1.29E-05
6756	623636.67	4266342.43	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.66E-05	6.24E-05	1.28E-05
6757	623633.04	4266333.27	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.22E-05	1.28E-05
6758	623629.41	4266324.11	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
6759	623625.78	4266314.95	4.01E-04	1.38E-04	3.35E-04	1.03E-04	7.93E-05	2.64E-05	6.19E-05	1.27E-05
6760	624338.78	4266943.15	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05
6761	624348.67	4266943.33	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05
6762	624358.55	4266943.51	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6763	624368.44	4266943.68	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6764	624378.33	4266943.86	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6765	624388.22	4266944.04	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6766	624398.11	4266944.21	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6767	624408	4266944.39	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6768	624417.89	4266944.57	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6769	624427.78	4266944.74	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
6770	624437.67	4266944.92	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05
6771	624447.56	4266945.1	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05
6772	624457.45	4266945.27	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05
6773	624467.34	4266945.45	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
6774	624477.22	4266945.62	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
6775	624487.11	4266945.8	5.37E-04	1.85E-04	4.48E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
6776	624497	4266945.98	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.28E-05	1.70E-05
6777	624506.89	4266946.15	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
6778	624516.78	4266946.33	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
6779	624526.67	4266946.51	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05	1.70E-05
6780	624536.56	4266946.68	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05	1.70E-05

6781	624546.45	4266946.86	5.34E-04	1.84E-04	4.46E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05	1.70E-05
6782	624556.34	4266947.04	5.33E-04	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05	1.69E-05
6783	624566.23	4266947.21	5.32E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05
6784	624576.12	4266947.39	5.31E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
6785	624586.01	4266947.57	5.30E-04	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
6786	624595.9	4266947.74	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05	1.68E-05
6787	624605.78	4266947.92	5.27E-04	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.14E-05	1.67E-05
6788	624615.67	4266948.1	5.26E-04	1.81E-04	4.40E-04	1.35E-04	1.04E-04	3.47E-05	8.12E-05	1.67E-05
6789	624625.56	4266948.27	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.46E-05	8.09E-05	1.66E-05
6790	624635.45	4266948.45	5.23E-04	1.80E-04	4.37E-04	1.35E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
6791	624645.34	4266948.63	5.21E-04	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
6792	624655.23	4266948.8	5.19E-04	1.78E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
6793	624665.12	4266948.98	5.17E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.41E-05	7.98E-05	1.64E-05
6794	624675.01	4266949.16	5.16E-04	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
6795	624684.9	4266949.33	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
6796	624694.79	4266949.51	5.13E-04	1.76E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.91E-05	1.63E-05
6797	624704.68	4266949.69	5.12E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05	1.62E-05
6798	624714.57	4266949.86	5.11E-04	1.76E-04	4.27E-04	1.31E-04	1.01E-04	3.36E-05	7.88E-05	1.62E-05
6799	624724.45	4266950.04	5.10E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05	1.62E-05
6800	624734.34	4266950.22	5.09E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05	1.62E-05
6801	624744.23	4266950.39	5.08E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05	1.61E-05
6802	624754.12	4266950.57	5.08E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05	1.61E-05
6803	624764.01	4266950.75	5.08E-04	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
6804	624773.9	4266950.92	5.07E-04	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
6805	624783.79	4266951.1	5.07E-04	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
6806	624793.68	4266951.28	5.07E-04	1.74E-04	4.24E-04	1.30E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
6807	624803.57	4266951.45	5.07E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.82E-05	1.61E-05
6808	624813.46	4266951.63	5.06E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.81E-05	1.61E-05
6809	624823.35	4266951.81	5.06E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.61E-05
6810	624833.24	4266951.98	5.05E-04	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.60E-05
6811	624327.98	4267039.22	4.64E-04	1.59E-04	3.88E-04	1.19E-04	9.18E-05	3.05E-05	7.15E-05	1.47E-05
6812	624318.98	4267035.31	4.66E-04	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
6813	624309.97	4267031.4	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
6814	624300.96	4267027.49	4.70E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
6815	624291.95	4267023.58	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05	1.50E-05
6816	624282.95	4267019.67	4.74E-04	1.63E-04	3.97E-04	1.22E-04	9.39E-05	3.13E-05	7.32E-05	1.51E-05
6817	624273.94	4267015.75	4.76E-04	1.64E-04	3.98E-04	1.23E-04	9.42E-05	3.14E-05	7.35E-05	1.51E-05
6818	624264.93	4267011.84	4.78E-04	1.64E-04	3.99E-04	1.23E-04	9.46E-05	3.15E-05	7.37E-05	1.52E-05
6819	624255.92	4267007.93	4.79E-04	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.40E-05	1.52E-05
6820	624246.92	4267004.02	4.81E-04	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05	1.53E-05
6821	624237.91	4267000.11	4.82E-04	1.66E-04	4.03E-04	1.24E-04	9.54E-05	3.18E-05	7.44E-05	1.53E-05
6822	624228.9	4266996.19	4.83E-04	1.66E-04	4.04E-04	1.24E-04	9.57E-05	3.18E-05	7.46E-05	1.53E-05
6823	624219.89	4266992.28	4.84E-04	1.67E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05	1.54E-05
6824	624210.88	4266988.37	4.85E-04	1.67E-04	4.05E-04	1.25E-04	9.60E-05	3.20E-05	7.48E-05	1.54E-05
6825	624201.88	4266984.46	4.86E-04	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05	1.54E-05
6826	624192.87	4266980.55	4.86E-04	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
6827	624183.86	4266976.64	4.86E-04	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
6828	624174.85	4266972.72	4.86E-04	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.20E-05	7.50E-05	1.54E-05
6829	624165.85	4266968.81	4.86E-04	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.20E-05	7.50E-05	1.54E-05
6830	624156.84	4266964.9	4.86E-04	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
6831	624147.83	4266960.99	4.86E-04	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
6832	624138.82	4266957.08	4.86E-04	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05	1.54E-05
6833	624129.82	4266953.16	4.86E-04	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05	1.54E-05

6834	624120.81	4266949.25	4.85E-04	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05	1.54E-05
6835	623742.49	4266784.96	3.77E-04	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.82E-05	1.20E-05
6836	623733.48	4266781.04	3.72E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
6837	623724.48	4266777.13	3.68E-04	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.68E-05	1.17E-05
6838	623715.47	4266773.22	3.63E-04	1.25E-04	3.04E-04	9.36E-05	7.19E-05	2.39E-05	5.61E-05	1.15E-05
6839	623702.84	4266760.18	3.58E-04	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
6840	623699.22	4266751.05	3.58E-04	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05	1.14E-05
6841	623695.61	4266741.92	3.57E-04	1.23E-04	2.98E-04	9.19E-05	7.07E-05	2.35E-05	5.51E-05	1.13E-05
6842	623691.99	4266732.79	3.56E-04	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05	1.13E-05
6843	623688.37	4266723.66	3.56E-04	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05	1.13E-05
6844	623684.75	4266714.53	3.55E-04	1.22E-04	2.97E-04	9.15E-05	7.03E-05	2.34E-05	5.48E-05	1.13E-05
6845	623681.13	4266705.4	3.55E-04	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05	1.13E-05
6846	623677.51	4266696.27	3.54E-04	1.22E-04	2.96E-04	9.11E-05	7.01E-05	2.33E-05	5.46E-05	1.12E-05
6847	623673.89	4266687.14	3.53E-04	1.22E-04	2.95E-04	9.10E-05	7.00E-05	2.33E-05	5.45E-05	1.12E-05
6848	623670.28	4266678.02	3.53E-04	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05	1.12E-05
6849	623666.66	4266668.89	3.52E-04	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.44E-05	1.12E-05
6850	623663.04	4266659.76	3.52E-04	1.21E-04	2.94E-04	9.06E-05	6.96E-05	2.32E-05	5.43E-05	1.12E-05
6851	623659.42	4266650.63	3.51E-04	1.21E-04	2.94E-04	9.04E-05	6.95E-05	2.31E-05	5.42E-05	1.11E-05
6852	623655.8	4266641.5	3.51E-04	1.21E-04	2.93E-04	9.03E-05	6.94E-05	2.31E-05	5.41E-05	1.11E-05
6853	623652.18	4266632.37	3.50E-04	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05	1.11E-05
6854	623648.56	4266623.24	3.50E-04	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.39E-05	1.11E-05
6855	623644.94	4266614.11	3.49E-04	1.20E-04	2.92E-04	8.99E-05	6.91E-05	2.30E-05	5.39E-05	1.11E-05
6856	623641.33	4266604.98	3.49E-04	1.20E-04	2.92E-04	8.98E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
6857	623637.71	4266595.85	3.48E-04	1.20E-04	2.91E-04	8.97E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
6858	623634.09	4266586.72	3.48E-04	1.20E-04	2.91E-04	8.96E-05	6.89E-05	2.29E-05	5.37E-05	1.10E-05
6859	623630.47	4266577.59	3.48E-04	1.20E-04	2.91E-04	8.96E-05	6.89E-05	2.29E-05	5.37E-05	1.10E-05
6860	623626.85	4266568.46	3.48E-04	1.20E-04	2.91E-04	8.95E-05	6.88E-05	2.29E-05	5.37E-05	1.10E-05
6861	623623.23	4266559.34	3.48E-04	1.20E-04	2.91E-04	8.95E-05	6.88E-05	2.29E-05	5.37E-05	1.10E-05
6862	623619.61	4266550.21	3.48E-04	1.20E-04	2.91E-04	8.95E-05	6.88E-05	2.29E-05	5.37E-05	1.10E-05
6863	624336.99	4267043.14	4.61E-04	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05	1.46E-05
6864	624346.88	4267043.31	4.61E-04	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05	1.46E-05
6865	624356.77	4267043.49	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.46E-05
6866	624366.66	4267043.67	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.47E-05
6867	624376.55	4267043.84	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.47E-05
6868	624386.44	4267044.02	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05	1.47E-05
6869	624396.33	4267044.2	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05	1.47E-05
6870	624406.21	4267044.37	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05	1.47E-05
6871	624416.1	4267044.55	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.47E-05
6872	624425.99	4267044.73	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.47E-05
6873	624435.88	4267044.9	4.61E-04	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05	1.46E-05
6874	624445.77	4267045.08	4.61E-04	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05	1.46E-05
6875	624455.66	4267045.26	4.61E-04	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05	1.46E-05
6876	624465.55	4267045.43	4.61E-04	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.03E-05	7.11E-05	1.46E-05
6877	624475.44	4267045.61	4.60E-04	1.58E-04	3.84E-04	1.18E-04	9.10E-05	3.03E-05	7.10E-05	1.46E-05
6878	624485.33	4267045.79	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05	1.46E-05
6879	624495.22	4267045.96	4.59E-04	1.58E-04	3.83E-04	1.18E-04	9.08E-05	3.02E-05	7.08E-05	1.46E-05
6880	624505.11	4267046.14	4.58E-04	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05	1.45E-05
6881	624515	4267046.32	4.57E-04	1.57E-04	3.82E-04	1.18E-04	9.04E-05	3.01E-05	7.05E-05	1.45E-05
6882	624524.89	4267046.49	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
6883	624534.77	4267046.67	4.55E-04	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.01E-05	1.44E-05
6884	624544.66	4267046.85	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.99E-05	6.99E-05	1.44E-05
6885	624554.55	4267047.02	4.52E-04	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05	1.43E-05
6886	624564.44	4267047.2	4.50E-04	1.55E-04	3.76E-04	1.16E-04	8.91E-05	2.97E-05	6.95E-05	1.43E-05

6887	624574.33	4267047.37	4.49E-04	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.93E-05	1.42E-05
6888	624584.22	4267047.55	4.47E-04	1.54E-04	3.74E-04	1.15E-04	8.85E-05	2.95E-05	6.90E-05	1.42E-05
6889	624594.11	4267047.73	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.93E-05	6.87E-05	1.41E-05
6890	624604	4267047.9	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05	1.41E-05
6891	624613.89	4267048.08	4.42E-04	1.52E-04	3.69E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
6892	624623.78	4267048.26	4.40E-04	1.51E-04	3.68E-04	1.13E-04	8.72E-05	2.90E-05	6.79E-05	1.40E-05
6893	624633.67	4267048.43	4.39E-04	1.51E-04	3.67E-04	1.13E-04	8.68E-05	2.89E-05	6.77E-05	1.39E-05
6894	624643.56	4267048.61	4.37E-04	1.50E-04	3.65E-04	1.13E-04	8.65E-05	2.88E-05	6.75E-05	1.39E-05
6895	624653.44	4267048.79	4.36E-04	1.50E-04	3.64E-04	1.12E-04	8.63E-05	2.87E-05	6.72E-05	1.38E-05
6896	624663.33	4267048.96	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05	1.38E-05
6897	624673.22	4267049.14	4.33E-04	1.49E-04	3.62E-04	1.12E-04	8.57E-05	2.85E-05	6.68E-05	1.37E-05
6898	624683.11	4267049.32	4.32E-04	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.67E-05	1.37E-05
6899	624693	4267049.49	4.31E-04	1.48E-04	3.60E-04	1.11E-04	8.53E-05	2.84E-05	6.65E-05	1.37E-05
6900	624702.89	4267049.67	4.30E-04	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.64E-05	1.36E-05
6901	624712.78	4267049.85	4.29E-04	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.62E-05	1.36E-05
6902	624722.67	4267050.02	4.29E-04	1.47E-04	3.58E-04	1.10E-04	8.48E-05	2.82E-05	6.61E-05	1.36E-05
6903	624732.56	4267050.2	4.28E-04	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.61E-05	1.36E-05
6904	624742.45	4267050.38	4.28E-04	1.47E-04	3.57E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05	1.36E-05
6905	624752.34	4267050.55	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.46E-05	2.82E-05	6.59E-05	1.36E-05
6906	624762.23	4267050.73	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.46E-05	2.81E-05	6.59E-05	1.36E-05
6907	624772.12	4267050.91	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.36E-05
6908	624782	4267051.08	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.36E-05
6909	624791.89	4267051.26	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.35E-05
6910	624801.78	4267051.44	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.35E-05
6911	624811.67	4267051.61	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.35E-05
6912	624821.56	4267051.79	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.35E-05
6913	624831.45	4267051.97	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.35E-05
6914	624326.22	4267139.22	4.05E-04	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05	1.29E-05
6915	624317.24	4267135.32	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05	1.29E-05
6916	624308.26	4267131.42	4.09E-04	1.40E-04	3.41E-04	1.05E-04	8.09E-05	2.69E-05	6.30E-05	1.30E-05
6917	624299.28	4267127.52	4.10E-04	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05	1.30E-05
6918	624290.3	4267123.62	4.12E-04	1.42E-04	3.44E-04	1.06E-04	8.15E-05	2.71E-05	6.36E-05	1.31E-05
6919	624281.31	4267119.72	4.13E-04	1.42E-04	3.46E-04	1.06E-04	8.18E-05	2.72E-05	6.38E-05	1.31E-05
6920	624272.33	4267115.82	4.15E-04	1.43E-04	3.47E-04	1.07E-04	8.21E-05	2.73E-05	6.40E-05	1.32E-05
6921	624263.35	4267111.92	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
6922	624254.37	4267108.01	4.17E-04	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
6923	624245.39	4267104.11	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.29E-05	2.76E-05	6.46E-05	1.33E-05
6924	624236.4	4267100.21	4.20E-04	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05	1.33E-05
6925	624227.42	4267096.31	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05	1.34E-05
6926	624218.44	4267092.41	4.22E-04	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.51E-05	1.34E-05
6927	624209.46	4267088.51	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
6928	624200.48	4267084.61	4.23E-04	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05	1.34E-05
6929	624191.49	4267080.71	4.24E-04	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05	1.34E-05
6930	624182.51	4267076.81	4.24E-04	1.46E-04	3.54E-04	1.09E-04	8.39E-05	2.79E-05	6.54E-05	1.35E-05
6931	624173.53	4267072.91	4.24E-04	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.79E-05	6.54E-05	1.35E-05
6932	624164.55	4267069.01	4.24E-04	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05	1.35E-05
6933	624335.2	4267143.12	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.22E-05	1.28E-05
6934	624345.09	4267143.3	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6935	624354.98	4267143.47	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6936	624364.87	4267143.65	4.04E-04	1.39E-04	3.38E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6937	624374.76	4267143.83	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05	1.28E-05
6938	624384.65	4267144	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05	1.28E-05
6939	624394.54	4267144.18	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05	1.28E-05

6940	624404.43	4267144.36	4.04E-04	1.39E-04	3.38E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6941	624414.32	4267144.53	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6942	624424.21	4267144.71	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05	1.28E-05
6943	624434.1	4267144.89	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
6944	624443.99	4267145.06	4.03E-04	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
6945	624453.88	4267145.24	4.02E-04	1.38E-04	3.36E-04	1.03E-04	7.96E-05	2.65E-05	6.20E-05	1.28E-05
6946	624463.76	4267145.42	4.01E-04	1.38E-04	3.35E-04	1.03E-04	7.94E-05	2.64E-05	6.19E-05	1.27E-05
6947	624473.65	4267145.59	4.00E-04	1.38E-04	3.35E-04	1.03E-04	7.92E-05	2.64E-05	6.18E-05	1.27E-05
6948	624483.54	4267145.77	3.99E-04	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05	1.27E-05
6949	624493.43	4267145.95	3.98E-04	1.37E-04	3.33E-04	1.03E-04	7.88E-05	2.62E-05	6.14E-05	1.26E-05
6950	624503.32	4267146.12	3.97E-04	1.36E-04	3.32E-04	1.02E-04	7.86E-05	2.61E-05	6.12E-05	1.26E-05
6951	624513.21	4267146.3	3.95E-04	1.36E-04	3.31E-04	1.02E-04	7.83E-05	2.61E-05	6.10E-05	1.26E-05
6952	624523.1	4267146.48	3.94E-04	1.35E-04	3.29E-04	1.01E-04	7.80E-05	2.60E-05	6.08E-05	1.25E-05
6953	624532.99	4267146.65	3.92E-04	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.58E-05	6.05E-05	1.24E-05
6954	624542.88	4267146.83	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05	1.24E-05
6955	624552.77	4267147.01	3.89E-04	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.00E-05	1.23E-05
6956	624562.66	4267147.18	3.87E-04	1.33E-04	3.24E-04	9.97E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
6957	624572.55	4267147.36	3.85E-04	1.33E-04	3.22E-04	9.92E-05	7.63E-05	2.54E-05	5.95E-05	1.22E-05
6958	624582.43	4267147.54	3.84E-04	1.32E-04	3.21E-04	9.87E-05	7.59E-05	2.53E-05	5.92E-05	1.22E-05
6959	624592.32	4267147.71	3.82E-04	1.31E-04	3.19E-04	9.83E-05	7.56E-05	2.52E-05	5.89E-05	1.21E-05
6960	624602.21	4267147.89	3.80E-04	1.31E-04	3.18E-04	9.79E-05	7.52E-05	2.50E-05	5.86E-05	1.21E-05
6961	624612.1	4267148.07	3.78E-04	1.30E-04	3.16E-04	9.74E-05	7.49E-05	2.49E-05	5.84E-05	1.20E-05
6962	624621.99	4267148.24	3.77E-04	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.81E-05	1.20E-05
6963	624631.88	4267148.42	3.75E-04	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
6964	624641.77	4267148.6	3.74E-04	1.29E-04	3.13E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05	1.19E-05
6965	624651.66	4267148.77	3.73E-04	1.28E-04	3.11E-04	9.59E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
6966	624661.55	4267148.95	3.71E-04	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
6967	624671.44	4267149.12	3.70E-04	1.27E-04	3.10E-04	9.54E-05	7.33E-05	2.44E-05	5.72E-05	1.18E-05
6968	624681.33	4267149.3	3.69E-04	1.27E-04	3.09E-04	9.51E-05	7.31E-05	2.43E-05	5.70E-05	1.17E-05
6969	624691.22	4267149.48	3.69E-04	1.27E-04	3.08E-04	9.49E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
6970	624701.11	4267149.65	3.68E-04	1.27E-04	3.08E-04	9.47E-05	7.28E-05	2.42E-05	5.68E-05	1.17E-05
6971	624710.99	4267149.83	3.67E-04	1.26E-04	3.07E-04	9.46E-05	7.27E-05	2.42E-05	5.67E-05	1.17E-05
6972	624720.88	4267150.01	3.67E-04	1.26E-04	3.07E-04	9.45E-05	7.26E-05	2.42E-05	5.66E-05	1.16E-05
6973	624730.77	4267150.18	3.67E-04	1.26E-04	3.06E-04	9.44E-05	7.26E-05	2.42E-05	5.66E-05	1.16E-05
6974	624740.66	4267150.36	3.66E-04	1.26E-04	3.06E-04	9.44E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
6975	624750.55	4267150.54	3.66E-04	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
6976	624760.44	4267150.71	3.66E-04	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
6977	624770.33	4267150.89	3.66E-04	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05
6978	624780.22	4267151.07	3.66E-04	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05
6979	624790.11	4267151.24	3.66E-04	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05
6980	624800	4267151.42	3.66E-04	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05
6981	624809.89	4267151.6	3.66E-04	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05
6982	624819.78	4267151.77	3.66E-04	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05	1.16E-05
6983	624829.66	4267151.95	3.66E-04	1.26E-04	3.06E-04	9.42E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
6984	624070.49	4267128.92	3.74E-04	1.29E-04	3.13E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05	1.19E-05
6985	624061.43	4267124.98	3.74E-04	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.77E-05	1.19E-05
6986	624052.36	4267121.05	3.74E-04	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
6987	624043.29	4267117.11	3.75E-04	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.78E-05	1.19E-05
6988	624034.23	4267113.17	3.75E-04	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
6989	624025.16	4267109.23	3.76E-04	1.29E-04	3.14E-04	9.67E-05	7.44E-05	2.48E-05	5.80E-05	1.19E-05
6990	624016.09	4267105.3	3.76E-04	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
6991	624007.03	4267101.36	3.77E-04	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.82E-05	1.20E-05
6992	623997.96	4267097.42	3.78E-04	1.30E-04	3.16E-04	9.72E-05	7.47E-05	2.49E-05	5.83E-05	1.20E-05

6993	623988.9	4267093.48	3.78E-04	1.30E-04	3.16E-04	9.74E-05	7.49E-05	2.49E-05	5.84E-05	1.20E-05
6994	623979.83	4267089.55	3.79E-04	1.30E-04	3.17E-04	9.76E-05	7.50E-05	2.50E-05	5.85E-05	1.20E-05
6995	623970.76	4267085.61	3.80E-04	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
6996	623961.7	4267081.67	3.80E-04	1.31E-04	3.18E-04	9.79E-05	7.53E-05	2.51E-05	5.87E-05	1.21E-05
6997	623952.63	4267077.73	3.81E-04	1.31E-04	3.18E-04	9.80E-05	7.53E-05	2.51E-05	5.87E-05	1.21E-05
6998	623943.56	4267073.8	3.81E-04	1.31E-04	3.18E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
6999	623934.5	4267069.86	3.81E-04	1.31E-04	3.19E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
7000	623925.43	4267065.92	3.81E-04	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.88E-05	1.21E-05
7001	623916.36	4267061.98	3.81E-04	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.88E-05	1.21E-05
7002	623907.3	4267058.05	3.81E-04	1.31E-04	3.19E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
7003	623898.23	4267054.11	3.81E-04	1.31E-04	3.18E-04	9.80E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
7004	623889.17	4267050.17	3.80E-04	1.31E-04	3.18E-04	9.79E-05	7.53E-05	2.51E-05	5.87E-05	1.21E-05
7005	623880.1	4267046.23	3.79E-04	1.30E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
7006	623871.03	4267042.3	3.79E-04	1.30E-04	3.16E-04	9.75E-05	7.49E-05	2.49E-05	5.84E-05	1.20E-05
7007	623861.97	4267038.36	3.77E-04	1.30E-04	3.15E-04	9.71E-05	7.47E-05	2.49E-05	5.82E-05	1.20E-05
7008	623852.9	4267034.42	3.76E-04	1.29E-04	3.14E-04	9.68E-05	7.44E-05	2.48E-05	5.80E-05	1.19E-05
7009	623843.83	4267030.49	3.74E-04	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
7010	623834.77	4267026.55	3.72E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
7011	624620.21	4267248.23	3.27E-04	1.13E-04	2.74E-04	8.43E-05	6.48E-05	2.16E-05	5.05E-05	1.04E-05
7012	624630.1	4267248.4	3.26E-04	1.12E-04	2.73E-04	8.40E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
7013	624639.98	4267248.58	3.25E-04	1.12E-04	2.72E-04	8.36E-05	6.43E-05	2.14E-05	5.01E-05	1.03E-05
7014	624649.87	4267248.76	3.24E-04	1.11E-04	2.71E-04	8.34E-05	6.41E-05	2.13E-05	5.00E-05	1.03E-05
7015	624659.76	4267248.93	3.23E-04	1.11E-04	2.70E-04	8.31E-05	6.39E-05	2.13E-05	4.98E-05	1.02E-05
7016	624669.65	4267249.11	3.22E-04	1.11E-04	2.69E-04	8.29E-05	6.37E-05	2.12E-05	4.97E-05	1.02E-05
7017	624679.54	4267249.29	3.21E-04	1.10E-04	2.68E-04	8.27E-05	6.36E-05	2.12E-05	4.96E-05	1.02E-05
7018	624689.43	4267249.46	3.21E-04	1.10E-04	2.68E-04	8.25E-05	6.35E-05	2.11E-05	4.95E-05	1.02E-05
7019	624699.32	4267249.64	3.20E-04	1.10E-04	2.68E-04	8.24E-05	6.33E-05	2.11E-05	4.94E-05	1.02E-05
7020	624709.21	4267249.82	3.20E-04	1.10E-04	2.67E-04	8.23E-05	6.33E-05	2.11E-05	4.93E-05	1.01E-05
7021	624719.1	4267249.99	3.19E-04	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05	1.01E-05
7022	624728.99	4267250.17	3.19E-04	1.10E-04	2.67E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
7023	624738.88	4267250.35	3.19E-04	1.10E-04	2.66E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
7024	624748.77	4267250.52	3.19E-04	1.10E-04	2.66E-04	8.20E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
7025	624758.66	4267250.7	3.18E-04	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7026	624768.54	4267250.88	3.18E-04	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7027	624778.43	4267251.05	3.18E-04	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7028	624788.32	4267251.23	3.18E-04	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7029	624798.21	4267251.4	3.18E-04	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7030	624808.1	4267251.58	3.18E-04	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7031	624817.99	4267251.76	3.18E-04	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7032	624827.88	4267251.93	3.18E-04	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
7033	624867.68	4266142.51	4.55E-03	1.56E-03	3.80E-03	1.17E-03	9.00E-04	3.00E-04	7.02E-04	1.44E-04
7034	624867.84	4266132.57	4.66E-03	1.60E-03	3.90E-03	1.20E-03	9.23E-04	3.07E-04	7.20E-04	1.48E-04
7035	624868.01	4266122.64	4.78E-03	1.65E-03	4.00E-03	1.23E-03	9.47E-04	3.15E-04	7.38E-04	1.52E-04
7036	624868.17	4266112.71	4.91E-03	1.69E-03	4.10E-03	1.26E-03	9.72E-04	3.24E-04	7.58E-04	1.56E-04
7037	624868.33	4266102.77	5.04E-03	1.73E-03	4.21E-03	1.30E-03	9.97E-04	3.32E-04	7.78E-04	1.60E-04
7038	624868.5	4266092.84	5.17E-03	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.40E-04	7.97E-04	1.64E-04
7039	624868.66	4266082.91	5.29E-03	1.82E-03	4.42E-03	1.36E-03	1.05E-03	3.49E-04	8.17E-04	1.68E-04
7040	624868.83	4266072.97	5.41E-03	1.86E-03	4.53E-03	1.39E-03	1.07E-03	3.57E-04	8.36E-04	1.72E-04
7041	624868.99	4266063.04	5.53E-03	1.90E-03	4.62E-03	1.42E-03	1.09E-03	3.64E-04	8.53E-04	1.76E-04
7042	624869.15	4266053.11	5.64E-03	1.94E-03	4.71E-03	1.45E-03	1.12E-03	3.72E-04	8.70E-04	1.79E-04
7043	624869.32	4266043.17	5.74E-03	1.97E-03	4.80E-03	1.48E-03	1.14E-03	3.78E-04	8.86E-04	1.82E-04
7044	624869.48	4266033.24	5.84E-03	2.01E-03	4.88E-03	1.50E-03	1.16E-03	3.85E-04	9.01E-04	1.85E-04
7045	624869.64	4266023.31	5.93E-03	2.04E-03	4.96E-03	1.53E-03	1.17E-03	3.91E-04	9.15E-04	1.88E-04

7046	624869.81	4266013.37	6.01E-03	2.07E-03	5.03E-03	1.55E-03	1.19E-03	3.96E-04	9.28E-04	1.91E-04
7047	624869.97	4266003.44	6.08E-03	2.09E-03	5.08E-03	1.57E-03	1.20E-03	4.01E-04	9.38E-04	1.93E-04
7048	624870.13	4265993.51	6.14E-03	2.11E-03	5.13E-03	1.58E-03	1.21E-03	4.04E-04	9.47E-04	1.95E-04
7049	624870.3	4265983.57	6.19E-03	2.13E-03	5.17E-03	1.59E-03	1.22E-03	4.08E-04	9.54E-04	1.96E-04
7050	624870.46	4265973.64	6.23E-03	2.14E-03	5.20E-03	1.60E-03	1.23E-03	4.10E-04	9.61E-04	1.98E-04
7051	624870.62	4265963.71	6.26E-03	2.15E-03	5.23E-03	1.61E-03	1.24E-03	4.12E-04	9.66E-04	1.99E-04
7052	624870.79	4265953.77	6.28E-03	2.16E-03	5.25E-03	1.62E-03	1.24E-03	4.14E-04	9.69E-04	1.99E-04
7053	624870.95	4265943.84	6.30E-03	2.17E-03	5.26E-03	1.62E-03	1.25E-03	4.15E-04	9.72E-04	2.00E-04
7054	624871.12	4265933.91	6.31E-03	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.16E-04	9.73E-04	2.00E-04
7055	624871.28	4265923.97	6.31E-03	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.16E-04	9.73E-04	2.00E-04
7056	624871.44	4265914.04	6.30E-03	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.15E-04	9.72E-04	2.00E-04
7057	624871.61	4265904.11	6.29E-03	2.16E-03	5.25E-03	1.62E-03	1.24E-03	4.14E-04	9.70E-04	2.00E-04
7058	624871.77	4265894.17	6.27E-03	2.15E-03	5.24E-03	1.61E-03	1.24E-03	4.13E-04	9.67E-04	1.99E-04
7059	624871.93	4265884.24	6.24E-03	2.15E-03	5.21E-03	1.61E-03	1.23E-03	4.11E-04	9.63E-04	1.98E-04
7060	624872.1	4265874.31	6.20E-03	2.13E-03	5.18E-03	1.60E-03	1.23E-03	4.09E-04	9.57E-04	1.97E-04
7061	624872.26	4265864.37	6.16E-03	2.12E-03	5.15E-03	1.59E-03	1.22E-03	4.06E-04	9.50E-04	1.95E-04
7062	624872.42	4265854.44	6.11E-03	2.10E-03	5.11E-03	1.57E-03	1.21E-03	4.02E-04	9.42E-04	1.94E-04
7063	624872.59	4265844.51	6.05E-03	2.08E-03	5.05E-03	1.56E-03	1.20E-03	3.98E-04	9.33E-04	1.92E-04
7064	624872.75	4265834.57	5.98E-03	2.06E-03	5.00E-03	1.54E-03	1.18E-03	3.94E-04	9.23E-04	1.90E-04
7065	624872.91	4265824.64	5.91E-03	2.03E-03	4.94E-03	1.52E-03	1.17E-03	3.89E-04	9.11E-04	1.87E-04
7066	624873.08	4265814.71	5.83E-03	2.00E-03	4.87E-03	1.50E-03	1.15E-03	3.84E-04	8.99E-04	1.85E-04
7067	624873.24	4265804.77	5.74E-03	1.97E-03	4.80E-03	1.48E-03	1.14E-03	3.78E-04	8.85E-04	1.82E-04
7068	624873.4	4265794.84	5.64E-03	1.94E-03	4.71E-03	1.45E-03	1.12E-03	3.72E-04	8.70E-04	1.79E-04
7069	624873.57	4265784.91	5.53E-03	1.90E-03	4.63E-03	1.42E-03	1.10E-03	3.65E-04	8.54E-04	1.76E-04
7070	624873.73	4265774.97	5.43E-03	1.87E-03	4.53E-03	1.40E-03	1.07E-03	3.57E-04	8.37E-04	1.72E-04
7071	624873.9	4265765.04	5.31E-03	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.20E-04	1.69E-04
7072	624874.06	4265755.11	5.20E-03	1.79E-03	4.35E-03	1.34E-03	1.03E-03	3.43E-04	8.02E-04	1.65E-04
7073	624874.22	4265745.17	5.09E-03	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.85E-04	1.61E-04
7074	624874.39	4265735.24	4.98E-03	1.71E-03	4.16E-03	1.28E-03	9.85E-04	3.28E-04	7.68E-04	1.58E-04
7075	624874.55	4265725.31	4.87E-03	1.67E-03	4.07E-03	1.25E-03	9.64E-04	3.21E-04	7.52E-04	1.55E-04
7076	624874.71	4265715.37	4.76E-03	1.64E-03	3.98E-03	1.23E-03	9.43E-04	3.14E-04	7.35E-04	1.51E-04
7077	624874.88	4265705.44	4.66E-03	1.60E-03	3.89E-03	1.20E-03	9.22E-04	3.07E-04	7.19E-04	1.48E-04
7078	624875.04	4265695.51	4.55E-03	1.56E-03	3.80E-03	1.17E-03	9.01E-04	3.00E-04	7.02E-04	1.44E-04
7079	624875.2	4265685.57	4.44E-03	1.53E-03	3.71E-03	1.14E-03	8.78E-04	2.92E-04	6.85E-04	1.41E-04
7080	624861.24	4266176.49	4.39E-03	1.51E-03	3.67E-03	1.13E-03	8.69E-04	2.89E-04	6.78E-04	1.39E-04
7081	624877.68	4266142.67	4.12E-03	1.42E-03	3.44E-03	1.06E-03	8.15E-04	2.71E-04	6.35E-04	1.31E-04
7082	624877.84	4266132.74	4.21E-03	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.49E-04	1.34E-04
7083	624878.01	4266122.8	4.30E-03	1.48E-03	3.60E-03	1.11E-03	8.52E-04	2.84E-04	6.64E-04	1.37E-04
7084	624878.17	4266112.87	4.40E-03	1.51E-03	3.68E-03	1.13E-03	8.72E-04	2.90E-04	6.79E-04	1.40E-04
7085	624878.33	4266102.94	4.51E-03	1.55E-03	3.77E-03	1.16E-03	8.92E-04	2.97E-04	6.95E-04	1.43E-04
7086	624878.5	4266093	4.61E-03	1.58E-03	3.85E-03	1.19E-03	9.12E-04	3.04E-04	7.11E-04	1.46E-04
7087	624878.66	4266083.07	4.71E-03	1.62E-03	3.94E-03	1.21E-03	9.33E-04	3.10E-04	7.27E-04	1.50E-04
7088	624878.82	4266073.14	4.81E-03	1.65E-03	4.02E-03	1.24E-03	9.52E-04	3.17E-04	7.42E-04	1.53E-04
7089	624878.99	4266063.2	4.91E-03	1.69E-03	4.10E-03	1.26E-03	9.71E-04	3.23E-04	7.57E-04	1.56E-04
7090	624879.15	4266053.27	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04	1.59E-04
7091	624879.31	4266043.34	5.08E-03	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.84E-04	1.61E-04
7092	624879.48	4266033.4	5.17E-03	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.41E-04	7.97E-04	1.64E-04
7093	624879.64	4266023.47	5.25E-03	1.80E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.10E-04	1.67E-04
7094	624879.81	4266013.54	5.32E-03	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.21E-04	1.69E-04
7095	624879.97	4266003.6	5.38E-03	1.85E-03	4.49E-03	1.38E-03	1.06E-03	3.54E-04	8.30E-04	1.71E-04
7096	624880.13	4265993.67	5.43E-03	1.87E-03	4.54E-03	1.40E-03	1.07E-03	3.58E-04	8.38E-04	1.72E-04
7097	624880.3	4265983.74	5.47E-03	1.88E-03	4.58E-03	1.41E-03	1.08E-03	3.61E-04	8.45E-04	1.74E-04
7098	624880.46	4265973.8	5.51E-03	1.90E-03	4.61E-03	1.42E-03	1.09E-03	3.63E-04	8.51E-04	1.75E-04

7099	624880.62	4265963.87	5.54E-03	1.91E-03	4.63E-03	1.43E-03	1.10E-03	3.65E-04	8.55E-04	1.76E-04
7100	624880.79	4265953.94	5.57E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.67E-04	8.59E-04	1.77E-04
7101	624880.95	4265944	5.58E-03	1.92E-03	4.67E-03	1.44E-03	1.11E-03	3.68E-04	8.61E-04	1.77E-04
7102	624881.11	4265934.07	5.59E-03	1.92E-03	4.67E-03	1.44E-03	1.11E-03	3.69E-04	8.63E-04	1.78E-04
7103	624881.28	4265924.14	5.60E-03	1.92E-03	4.68E-03	1.44E-03	1.11E-03	3.69E-04	8.63E-04	1.78E-04
7104	624881.44	4265914.2	5.59E-03	1.92E-03	4.67E-03	1.44E-03	1.11E-03	3.68E-04	8.63E-04	1.77E-04
7105	624881.6	4265904.27	5.58E-03	1.92E-03	4.67E-03	1.44E-03	1.10E-03	3.68E-04	8.61E-04	1.77E-04
7106	624881.77	4265894.34	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.67E-04	8.59E-04	1.77E-04
7107	624881.93	4265884.4	5.54E-03	1.91E-03	4.63E-03	1.43E-03	1.10E-03	3.65E-04	8.55E-04	1.76E-04
7108	624882.1	4265874.47	5.52E-03	1.90E-03	4.61E-03	1.42E-03	1.09E-03	3.63E-04	8.51E-04	1.75E-04
7109	624882.26	4265864.54	5.48E-03	1.88E-03	4.58E-03	1.41E-03	1.08E-03	3.61E-04	8.46E-04	1.74E-04
7110	624882.42	4265854.6	5.44E-03	1.87E-03	4.54E-03	1.40E-03	1.08E-03	3.58E-04	8.39E-04	1.73E-04
7111	624882.59	4265844.67	5.39E-03	1.85E-03	4.50E-03	1.39E-03	1.07E-03	3.55E-04	8.31E-04	1.71E-04
7112	624882.75	4265834.74	5.33E-03	1.83E-03	4.45E-03	1.37E-03	1.05E-03	3.51E-04	8.22E-04	1.69E-04
7113	624882.91	4265824.8	5.27E-03	1.81E-03	4.40E-03	1.36E-03	1.04E-03	3.47E-04	8.13E-04	1.67E-04
7114	624883.08	4265814.87	5.20E-03	1.79E-03	4.35E-03	1.34E-03	1.03E-03	3.43E-04	8.02E-04	1.65E-04
7115	624883.24	4265804.94	5.13E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.38E-04	7.91E-04	1.63E-04
7116	624883.4	4265795	5.05E-03	1.74E-03	4.22E-03	1.30E-03	9.99E-04	3.32E-04	7.79E-04	1.60E-04
7117	624883.57	4265785.07	4.96E-03	1.71E-03	4.15E-03	1.28E-03	9.82E-04	3.27E-04	7.66E-04	1.57E-04
7118	624883.73	4265775.14	4.88E-03	1.68E-03	4.07E-03	1.26E-03	9.65E-04	3.21E-04	7.52E-04	1.55E-04
7119	624883.89	4265765.2	4.79E-03	1.65E-03	4.00E-03	1.23E-03	9.48E-04	3.15E-04	7.39E-04	1.52E-04
7120	624884.06	4265755.27	4.70E-03	1.62E-03	3.93E-03	1.21E-03	9.30E-04	3.10E-04	7.25E-04	1.49E-04
7121	624884.22	4265745.34	4.61E-03	1.59E-03	3.85E-03	1.19E-03	9.13E-04	3.04E-04	7.12E-04	1.46E-04
7122	624884.38	4265735.4	4.53E-03	1.56E-03	3.78E-03	1.17E-03	8.96E-04	2.98E-04	6.98E-04	1.44E-04
7123	624884.55	4265725.47	4.44E-03	1.53E-03	3.71E-03	1.14E-03	8.79E-04	2.93E-04	6.85E-04	1.41E-04
7124	624884.71	4265715.54	4.36E-03	1.50E-03	3.64E-03	1.12E-03	8.62E-04	2.87E-04	6.72E-04	1.38E-04
7125	624884.88	4265705.6	4.27E-03	1.47E-03	3.57E-03	1.10E-03	8.45E-04	2.81E-04	6.59E-04	1.36E-04
7126	624885.04	4265695.67	4.18E-03	1.44E-03	3.50E-03	1.08E-03	8.28E-04	2.76E-04	6.46E-04	1.33E-04
7127	624885.2	4265685.74	4.09E-03	1.41E-03	3.42E-03	1.05E-03	8.10E-04	2.70E-04	6.32E-04	1.30E-04
7128	624885.37	4265675.8	4.00E-03	1.38E-03	3.34E-03	1.03E-03	7.92E-04	2.64E-04	6.17E-04	1.27E-04
7129	624878.36	4266173.85	3.79E-03	1.30E-03	3.17E-03	9.76E-04	7.50E-04	2.50E-04	5.85E-04	1.20E-04
7130	624868.19	4266183.68	4.03E-03	1.39E-03	3.37E-03	1.04E-03	7.97E-04	2.65E-04	6.22E-04	1.28E-04
7131	624887.68	4266142.84	3.75E-03	1.29E-03	3.14E-03	9.66E-04	7.42E-04	2.47E-04	5.79E-04	1.19E-04
7132	624887.84	4266132.9	3.82E-03	1.32E-03	3.20E-03	9.85E-04	7.57E-04	2.52E-04	5.90E-04	1.21E-04
7133	624888.01	4266122.97	3.90E-03	1.34E-03	3.26E-03	1.00E-03	7.72E-04	2.57E-04	6.02E-04	1.24E-04
7134	624888.17	4266113.04	3.98E-03	1.37E-03	3.33E-03	1.03E-03	7.88E-04	2.62E-04	6.14E-04	1.26E-04
7135	624888.33	4266103.1	4.06E-03	1.40E-03	3.40E-03	1.05E-03	8.04E-04	2.68E-04	6.27E-04	1.29E-04
7136	624888.5	4266093.17	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.21E-04	2.73E-04	6.40E-04	1.32E-04
7137	624888.66	4266083.24	4.23E-03	1.46E-03	3.54E-03	1.09E-03	8.38E-04	2.79E-04	6.53E-04	1.34E-04
7138	624888.82	4266073.3	4.31E-03	1.48E-03	3.61E-03	1.11E-03	8.54E-04	2.84E-04	6.66E-04	1.37E-04
7139	624888.99	4266063.37	4.39E-03	1.51E-03	3.67E-03	1.13E-03	8.69E-04	2.89E-04	6.78E-04	1.39E-04
7140	624889.15	4266053.44	4.47E-03	1.54E-03	3.74E-03	1.15E-03	8.85E-04	2.94E-04	6.90E-04	1.42E-04
7141	624889.31	4266043.5	4.54E-03	1.56E-03	3.80E-03	1.17E-03	8.99E-04	2.99E-04	7.01E-04	1.44E-04
7142	624889.48	4266033.57	4.61E-03	1.59E-03	3.86E-03	1.19E-03	9.13E-04	3.04E-04	7.12E-04	1.46E-04
7143	624889.64	4266023.64	4.68E-03	1.61E-03	3.91E-03	1.21E-03	9.27E-04	3.08E-04	7.22E-04	1.49E-04
7144	624889.8	4266013.7	4.74E-03	1.63E-03	3.96E-03	1.22E-03	9.39E-04	3.12E-04	7.32E-04	1.51E-04
7145	624889.97	4266003.77	4.79E-03	1.65E-03	4.01E-03	1.23E-03	9.49E-04	3.16E-04	7.40E-04	1.52E-04
7146	624890.13	4265993.84	4.84E-03	1.66E-03	4.05E-03	1.25E-03	9.58E-04	3.19E-04	7.47E-04	1.54E-04
7147	624890.29	4265983.9	4.88E-03	1.68E-03	4.08E-03	1.26E-03	9.66E-04	3.22E-04	7.53E-04	1.55E-04
7148	624890.46	4265973.97	4.92E-03	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.59E-04	1.56E-04
7149	624890.62	4265964.04	4.95E-03	1.70E-03	4.13E-03	1.27E-03	9.79E-04	3.26E-04	7.63E-04	1.57E-04
7150	624890.79	4265954.1	4.97E-03	1.71E-03	4.15E-03	1.28E-03	9.83E-04	3.27E-04	7.67E-04	1.58E-04
7151	624890.95	4265944.17	4.98E-03	1.71E-03	4.17E-03	1.28E-03	9.87E-04	3.28E-04	7.69E-04	1.58E-04

7152	624891.11	4265934.24	4.99E-03	1.72E-03	4.17E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04	1.59E-04
7153	624891.28	4265924.3	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04	1.59E-04
7154	624891.44	4265914.37	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04	1.59E-04
7155	624891.6	4265904.44	4.99E-03	1.72E-03	4.17E-03	1.28E-03	9.88E-04	3.29E-04	7.70E-04	1.58E-04
7156	624891.77	4265894.5	4.98E-03	1.71E-03	4.16E-03	1.28E-03	9.85E-04	3.28E-04	7.68E-04	1.58E-04
7157	624891.93	4265884.57	4.96E-03	1.71E-03	4.15E-03	1.28E-03	9.82E-04	3.27E-04	7.66E-04	1.57E-04
7158	624892.09	4265874.64	4.94E-03	1.70E-03	4.13E-03	1.27E-03	9.78E-04	3.26E-04	7.62E-04	1.57E-04
7159	624892.26	4265864.7	4.91E-03	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.58E-04	1.56E-04
7160	624892.42	4265854.77	4.88E-03	1.68E-03	4.08E-03	1.26E-03	9.65E-04	3.21E-04	7.53E-04	1.55E-04
7161	624892.58	4265844.84	4.84E-03	1.66E-03	4.04E-03	1.24E-03	9.57E-04	3.19E-04	7.46E-04	1.53E-04
7162	624892.75	4265834.9	4.79E-03	1.65E-03	4.00E-03	1.23E-03	9.48E-04	3.15E-04	7.39E-04	1.52E-04
7163	624892.91	4265824.97	4.74E-03	1.63E-03	3.96E-03	1.22E-03	9.37E-04	3.12E-04	7.31E-04	1.50E-04
7164	624893.07	4265815.04	4.68E-03	1.61E-03	3.91E-03	1.20E-03	9.26E-04	3.08E-04	7.22E-04	1.49E-04
7165	624893.24	4265805.1	4.62E-03	1.59E-03	3.86E-03	1.19E-03	9.14E-04	3.04E-04	7.13E-04	1.47E-04
7166	624893.4	4265795.17	4.55E-03	1.57E-03	3.81E-03	1.17E-03	9.01E-04	3.00E-04	7.03E-04	1.45E-04
7167	624893.57	4265785.24	4.49E-03	1.54E-03	3.75E-03	1.16E-03	8.88E-04	2.96E-04	6.92E-04	1.42E-04
7168	624893.73	4265775.3	4.42E-03	1.52E-03	3.69E-03	1.14E-03	8.75E-04	2.91E-04	6.82E-04	1.40E-04
7169	624893.89	4265765.37	4.35E-03	1.50E-03	3.64E-03	1.12E-03	8.61E-04	2.87E-04	6.71E-04	1.38E-04
7170	624894.06	4265755.44	4.28E-03	1.47E-03	3.58E-03	1.10E-03	8.47E-04	2.82E-04	6.60E-04	1.36E-04
7171	624894.22	4265745.5	4.21E-03	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.50E-04	1.34E-04
7172	624894.38	4265735.57	4.14E-03	1.42E-03	3.46E-03	1.07E-03	8.20E-04	2.73E-04	6.39E-04	1.31E-04
7173	624894.55	4265725.64	4.07E-03	1.40E-03	3.40E-03	1.05E-03	8.06E-04	2.68E-04	6.29E-04	1.29E-04
7174	624894.71	4265715.7	4.01E-03	1.38E-03	3.35E-03	1.03E-03	7.93E-04	2.64E-04	6.18E-04	1.27E-04
7175	624894.87	4265705.77	3.94E-03	1.35E-03	3.29E-03	1.01E-03	7.79E-04	2.59E-04	6.07E-04	1.25E-04
7176	624895.04	4265695.84	3.87E-03	1.33E-03	3.23E-03	9.95E-04	7.65E-04	2.55E-04	5.97E-04	1.23E-04
7177	624895.2	4265685.9	3.79E-03	1.30E-03	3.17E-03	9.77E-04	7.51E-04	2.50E-04	5.85E-04	1.20E-04
7178	624886.08	4266179.28	3.51E-03	1.21E-03	2.93E-03	9.03E-04	6.94E-04	2.31E-04	5.41E-04	1.11E-04
7179	624873.35	4266191.58	3.76E-03	1.29E-03	3.15E-03	9.69E-04	7.45E-04	2.48E-04	5.81E-04	1.19E-04
7180	624864.45	4266195.08	4.00E-03	1.38E-03	3.35E-03	1.03E-03	7.93E-04	2.64E-04	6.18E-04	1.27E-04
7181	624855.54	4266198.59	4.25E-03	1.46E-03	3.56E-03	1.10E-03	8.42E-04	2.80E-04	6.57E-04	1.35E-04
7182	624897.68	4266143	3.44E-03	1.18E-03	2.87E-03	8.85E-04	6.81E-04	2.27E-04	5.31E-04	1.09E-04
7183	624897.84	4266133.07	3.50E-03	1.20E-03	2.92E-03	9.01E-04	6.92E-04	2.30E-04	5.40E-04	1.11E-04
7184	624898	4266123.13	3.56E-03	1.22E-03	2.98E-03	9.17E-04	7.05E-04	2.35E-04	5.49E-04	1.13E-04
7185	624898.17	4266113.2	3.63E-03	1.25E-03	3.03E-03	9.33E-04	7.18E-04	2.39E-04	5.59E-04	1.15E-04
7186	624898.33	4266103.27	3.69E-03	1.27E-03	3.09E-03	9.51E-04	7.31E-04	2.43E-04	5.70E-04	1.17E-04
7187	624898.49	4266093.33	3.76E-03	1.29E-03	3.14E-03	9.68E-04	7.45E-04	2.48E-04	5.80E-04	1.19E-04
7188	624898.66	4266083.4	3.83E-03	1.32E-03	3.20E-03	9.86E-04	7.58E-04	2.52E-04	5.91E-04	1.22E-04
7189	624898.82	4266073.47	3.90E-03	1.34E-03	3.26E-03	1.00E-03	7.72E-04	2.57E-04	6.01E-04	1.24E-04
7190	624898.99	4266063.53	3.96E-03	1.36E-03	3.31E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04	1.26E-04
7191	624899.15	4266053.6	4.03E-03	1.39E-03	3.37E-03	1.04E-03	7.97E-04	2.65E-04	6.22E-04	1.28E-04
7192	624899.31	4266043.67	4.09E-03	1.41E-03	3.42E-03	1.05E-03	8.09E-04	2.69E-04	6.31E-04	1.30E-04
7193	624899.48	4266033.73	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.22E-04	2.73E-04	6.40E-04	1.32E-04
7194	624899.64	4266023.8	4.21E-03	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.49E-04	1.34E-04
7195	624899.8	4266013.87	4.26E-03	1.47E-03	3.56E-03	1.10E-03	8.43E-04	2.81E-04	6.58E-04	1.35E-04
7196	624899.97	4266003.93	4.31E-03	1.48E-03	3.60E-03	1.11E-03	8.52E-04	2.84E-04	6.64E-04	1.37E-04
7197	624900.13	4265994	4.35E-03	1.50E-03	3.63E-03	1.12E-03	8.61E-04	2.86E-04	6.71E-04	1.38E-04
7198	624900.29	4265984.07	4.38E-03	1.51E-03	3.66E-03	1.13E-03	8.68E-04	2.89E-04	6.76E-04	1.39E-04
7199	624900.46	4265974.13	4.41E-03	1.52E-03	3.69E-03	1.14E-03	8.74E-04	2.91E-04	6.81E-04	1.40E-04
7200	624900.62	4265964.2	4.44E-03	1.53E-03	3.71E-03	1.14E-03	8.79E-04	2.93E-04	6.85E-04	1.41E-04
7201	624900.78	4265954.27	4.46E-03	1.53E-03	3.73E-03	1.15E-03	8.83E-04	2.94E-04	6.89E-04	1.42E-04
7202	624900.95	4265944.33	4.48E-03	1.54E-03	3.74E-03	1.15E-03	8.86E-04	2.95E-04	6.91E-04	1.42E-04
7203	624901.11	4265934.4	4.49E-03	1.54E-03	3.75E-03	1.16E-03	8.88E-04	2.96E-04	6.93E-04	1.42E-04
7204	624901.27	4265924.47	4.49E-03	1.55E-03	3.76E-03	1.16E-03	8.90E-04	2.96E-04	6.94E-04	1.43E-04

7205	624901.44	4265914.53	4.50E-03	1.55E-03	3.76E-03	1.16E-03	8.90E-04	2.96E-04	6.94E-04	1.43E-04
7206	624901.6	4265904.6	4.49E-03	1.54E-03	3.75E-03	1.16E-03	8.89E-04	2.96E-04	6.93E-04	1.43E-04
7207	624901.77	4265894.67	4.48E-03	1.54E-03	3.75E-03	1.15E-03	8.87E-04	2.95E-04	6.92E-04	1.42E-04
7208	624901.93	4265884.73	4.47E-03	1.54E-03	3.74E-03	1.15E-03	8.85E-04	2.95E-04	6.90E-04	1.42E-04
7209	624902.09	4265874.8	4.45E-03	1.53E-03	3.72E-03	1.15E-03	8.81E-04	2.93E-04	6.87E-04	1.41E-04
7210	624902.26	4265864.87	4.43E-03	1.52E-03	3.70E-03	1.14E-03	8.77E-04	2.92E-04	6.84E-04	1.41E-04
7211	624902.42	4265854.93	4.40E-03	1.51E-03	3.68E-03	1.13E-03	8.71E-04	2.90E-04	6.79E-04	1.40E-04
7212	624902.58	4265845	4.37E-03	1.50E-03	3.65E-03	1.12E-03	8.64E-04	2.88E-04	6.74E-04	1.39E-04
7213	624902.75	4265835.07	4.33E-03	1.49E-03	3.62E-03	1.11E-03	8.57E-04	2.85E-04	6.68E-04	1.37E-04
7214	624902.91	4265825.13	4.29E-03	1.47E-03	3.58E-03	1.10E-03	8.48E-04	2.82E-04	6.61E-04	1.36E-04
7215	624903.07	4265815.2	4.24E-03	1.46E-03	3.54E-03	1.09E-03	8.39E-04	2.79E-04	6.54E-04	1.35E-04
7216	624903.24	4265805.27	4.19E-03	1.44E-03	3.50E-03	1.08E-03	8.30E-04	2.76E-04	6.47E-04	1.33E-04
7217	624903.4	4265795.33	4.14E-03	1.42E-03	3.46E-03	1.07E-03	8.19E-04	2.73E-04	6.39E-04	1.31E-04
7218	624903.56	4265785.4	4.09E-03	1.41E-03	3.42E-03	1.05E-03	8.09E-04	2.69E-04	6.31E-04	1.30E-04
7219	624903.73	4265775.47	4.03E-03	1.39E-03	3.37E-03	1.04E-03	7.98E-04	2.66E-04	6.22E-04	1.28E-04
7220	624903.89	4265765.53	3.98E-03	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.14E-04	1.26E-04
7221	624904.05	4265755.6	3.92E-03	1.35E-03	3.28E-03	1.01E-03	7.77E-04	2.58E-04	6.05E-04	1.24E-04
7222	624904.22	4265745.67	3.87E-03	1.33E-03	3.23E-03	9.96E-04	7.66E-04	2.55E-04	5.97E-04	1.23E-04
7223	624904.38	4265735.73	3.81E-03	1.31E-03	3.19E-03	9.82E-04	7.55E-04	2.51E-04	5.88E-04	1.21E-04
7224	624904.55	4265725.8	3.76E-03	1.29E-03	3.14E-03	9.67E-04	7.44E-04	2.48E-04	5.80E-04	1.19E-04
7225	624904.71	4265715.87	3.70E-03	1.27E-03	3.09E-03	9.53E-04	7.33E-04	2.44E-04	5.71E-04	1.17E-04
7226	624904.87	4265705.93	3.65E-03	1.25E-03	3.05E-03	9.39E-04	7.22E-04	2.40E-04	5.62E-04	1.16E-04
7227	624905.04	4265696	3.59E-03	1.23E-03	3.00E-03	9.24E-04	7.10E-04	2.36E-04	5.54E-04	1.14E-04
7228	624905.2	4265686.07	3.53E-03	1.21E-03	2.95E-03	9.09E-04	6.99E-04	2.33E-04	5.45E-04	1.12E-04
7229	624905.36	4265676.13	3.47E-03	1.19E-03	2.90E-03	8.92E-04	6.86E-04	2.28E-04	5.35E-04	1.10E-04
7230	624896.53	4266178.39	3.23E-03	1.11E-03	2.70E-03	8.33E-04	6.40E-04	2.13E-04	4.99E-04	1.03E-04
7231	624892.87	4266186.83	3.26E-03	1.12E-03	2.73E-03	8.41E-04	6.46E-04	2.15E-04	5.04E-04	1.04E-04
7232	624880.66	4266198.63	3.48E-03	1.20E-03	2.91E-03	8.95E-04	6.88E-04	2.29E-04	5.37E-04	1.10E-04
7233	624872.11	4266202	3.68E-03	1.26E-03	3.07E-03	9.47E-04	7.28E-04	2.42E-04	5.67E-04	1.17E-04
7234	624907.68	4266143.16	3.17E-03	1.09E-03	2.65E-03	8.16E-04	6.27E-04	2.09E-04	4.89E-04	1.01E-04
7235	624907.84	4266133.23	3.22E-03	1.11E-03	2.69E-03	8.28E-04	6.37E-04	2.12E-04	4.96E-04	1.02E-04
7236	624908	4266123.3	3.27E-03	1.12E-03	2.73E-03	8.41E-04	6.47E-04	2.15E-04	5.04E-04	1.04E-04
7237	624908.17	4266113.36	3.32E-03	1.14E-03	2.78E-03	8.55E-04	6.57E-04	2.19E-04	5.12E-04	1.05E-04
7238	624908.33	4266103.43	3.38E-03	1.16E-03	2.82E-03	8.69E-04	6.68E-04	2.22E-04	5.21E-04	1.07E-04
7239	624908.49	4266093.5	3.43E-03	1.18E-03	2.87E-03	8.84E-04	6.79E-04	2.26E-04	5.30E-04	1.09E-04
7240	624908.66	4266083.56	3.49E-03	1.20E-03	2.92E-03	8.98E-04	6.91E-04	2.30E-04	5.38E-04	1.11E-04
7241	624908.82	4266073.63	3.55E-03	1.22E-03	2.96E-03	9.13E-04	7.02E-04	2.34E-04	5.47E-04	1.13E-04
7242	624908.98	4266063.7	3.60E-03	1.24E-03	3.01E-03	9.27E-04	7.13E-04	2.37E-04	5.56E-04	1.14E-04
7243	624909.15	4266053.76	3.66E-03	1.26E-03	3.06E-03	9.41E-04	7.23E-04	2.41E-04	5.64E-04	1.16E-04
7244	624909.31	4266043.83	3.71E-03	1.27E-03	3.10E-03	9.54E-04	7.34E-04	2.44E-04	5.72E-04	1.18E-04
7245	624909.47	4266033.9	3.76E-03	1.29E-03	3.14E-03	9.68E-04	7.44E-04	2.48E-04	5.80E-04	1.19E-04
7246	624909.64	4266023.96	3.81E-03	1.31E-03	3.18E-03	9.80E-04	7.54E-04	2.51E-04	5.88E-04	1.21E-04
7247	624909.8	4266014.03	3.85E-03	1.33E-03	3.22E-03	9.92E-04	7.63E-04	2.54E-04	5.95E-04	1.22E-04
7248	624909.96	4266004.1	3.89E-03	1.34E-03	3.25E-03	1.00E-03	7.71E-04	2.56E-04	6.01E-04	1.24E-04
7249	624910.13	4265994.16	3.93E-03	1.35E-03	3.28E-03	1.01E-03	7.78E-04	2.59E-04	6.06E-04	1.25E-04
7250	624910.29	4265984.23	3.96E-03	1.36E-03	3.31E-03	1.02E-03	7.84E-04	2.61E-04	6.11E-04	1.26E-04
7251	624910.46	4265974.3	3.99E-03	1.37E-03	3.33E-03	1.03E-03	7.89E-04	2.63E-04	6.15E-04	1.27E-04
7252	624910.62	4265964.36	4.01E-03	1.38E-03	3.35E-03	1.03E-03	7.94E-04	2.64E-04	6.19E-04	1.27E-04
7253	624910.78	4265954.43	4.03E-03	1.39E-03	3.37E-03	1.04E-03	7.98E-04	2.66E-04	6.22E-04	1.28E-04
7254	624910.95	4265944.5	4.05E-03	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.24E-04	1.28E-04
7255	624911.11	4265934.56	4.06E-03	1.40E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04	1.29E-04
7256	624911.27	4265924.63	4.06E-03	1.40E-03	3.40E-03	1.05E-03	8.04E-04	2.68E-04	6.27E-04	1.29E-04
7257	624911.44	4265914.7	4.07E-03	1.40E-03	3.40E-03	1.05E-03	8.05E-04	2.68E-04	6.27E-04	1.29E-04

7258	624911.6	4265904.76	4.07E-03	1.40E-03	3.40E-03	1.05E-03	8.05E-04	2.68E-04	6.27E-04	1.29E-04
7259	624911.76	4265894.83	4.06E-03	1.40E-03	3.39E-03	1.05E-03	8.04E-04	2.68E-04	6.27E-04	1.29E-04
7260	624911.93	4265884.9	4.05E-03	1.39E-03	3.39E-03	1.04E-03	8.02E-04	2.67E-04	6.25E-04	1.29E-04
7261	624912.09	4265874.96	4.04E-03	1.39E-03	3.37E-03	1.04E-03	7.99E-04	2.66E-04	6.23E-04	1.28E-04
7262	624912.25	4265865.03	4.02E-03	1.38E-03	3.36E-03	1.03E-03	7.95E-04	2.65E-04	6.20E-04	1.28E-04
7263	624912.42	4265855.1	3.99E-03	1.37E-03	3.34E-03	1.03E-03	7.91E-04	2.63E-04	6.16E-04	1.27E-04
7264	624912.58	4265845.16	3.97E-03	1.36E-03	3.32E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04	1.26E-04
7265	624912.75	4265835.23	3.94E-03	1.35E-03	3.29E-03	1.01E-03	7.79E-04	2.59E-04	6.07E-04	1.25E-04
7266	624912.91	4265825.3	3.90E-03	1.34E-03	3.26E-03	1.00E-03	7.72E-04	2.57E-04	6.02E-04	1.24E-04
7267	624913.07	4265815.36	3.87E-03	1.33E-03	3.23E-03	9.95E-04	7.65E-04	2.55E-04	5.97E-04	1.23E-04
7268	624913.24	4265805.43	3.83E-03	1.32E-03	3.20E-03	9.85E-04	7.58E-04	2.52E-04	5.91E-04	1.21E-04
7269	624913.4	4265795.5	3.79E-03	1.30E-03	3.17E-03	9.75E-04	7.50E-04	2.50E-04	5.84E-04	1.20E-04
7270	624913.56	4265785.56	3.74E-03	1.29E-03	3.13E-03	9.64E-04	7.41E-04	2.47E-04	5.78E-04	1.19E-04
7271	624913.73	4265775.63	3.70E-03	1.27E-03	3.09E-03	9.53E-04	7.33E-04	2.44E-04	5.71E-04	1.17E-04
7272	624913.89	4265765.7	3.66E-03	1.26E-03	3.06E-03	9.42E-04	7.24E-04	2.41E-04	5.65E-04	1.16E-04
7273	624914.05	4265755.76	3.61E-03	1.24E-03	3.02E-03	9.31E-04	7.15E-04	2.38E-04	5.58E-04	1.15E-04
7274	624914.22	4265745.83	3.57E-03	1.23E-03	2.98E-03	9.19E-04	7.07E-04	2.35E-04	5.51E-04	1.13E-04
7275	624914.38	4265735.9	3.53E-03	1.21E-03	2.95E-03	9.08E-04	6.98E-04	2.32E-04	5.44E-04	1.12E-04
7276	624914.54	4265725.96	3.48E-03	1.20E-03	2.91E-03	8.96E-04	6.89E-04	2.29E-04	5.37E-04	1.10E-04
7277	624914.71	4265716.03	3.43E-03	1.18E-03	2.87E-03	8.84E-04	6.80E-04	2.26E-04	5.30E-04	1.09E-04
7278	624914.87	4265706.1	3.39E-03	1.17E-03	2.83E-03	8.72E-04	6.71E-04	2.23E-04	5.23E-04	1.08E-04
7279	624915.03	4265696.16	3.34E-03	1.15E-03	2.79E-03	8.60E-04	6.61E-04	2.20E-04	5.16E-04	1.06E-04
7280	624915.2	4265686.23	3.29E-03	1.13E-03	2.75E-03	8.48E-04	6.52E-04	2.17E-04	5.08E-04	1.05E-04
7281	624915.36	4265676.3	3.24E-03	1.11E-03	2.71E-03	8.35E-04	6.42E-04	2.14E-04	5.00E-04	1.03E-04
7282	624906.84	4266177.86	3.00E-03	1.03E-03	2.50E-03	7.71E-04	5.93E-04	1.97E-04	4.62E-04	9.51E-05
7283	624899.72	4266194.25	3.05E-03	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04	9.68E-05
7284	624917.67	4266143.33	2.93E-03	1.01E-03	2.45E-03	7.54E-04	5.80E-04	1.93E-04	4.52E-04	9.30E-05
7285	624917.84	4266133.4	2.97E-03	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.58E-04	9.43E-05
7286	624918	4266123.46	3.01E-03	1.04E-03	2.52E-03	7.76E-04	5.96E-04	1.99E-04	4.65E-04	9.56E-05
7287	624918.16	4266113.53	3.06E-03	1.05E-03	2.56E-03	7.87E-04	6.05E-04	2.01E-04	4.72E-04	9.70E-05
7288	624918.33	4266103.6	3.10E-03	1.07E-03	2.59E-03	7.99E-04	6.14E-04	2.04E-04	4.79E-04	9.84E-05
7289	624918.49	4266093.66	3.15E-03	1.08E-03	2.63E-03	8.11E-04	6.23E-04	2.07E-04	4.86E-04	9.99E-05
7290	624918.66	4266083.73	3.20E-03	1.10E-03	2.67E-03	8.23E-04	6.33E-04	2.11E-04	4.93E-04	1.01E-04
7291	624918.82	4266073.8	3.24E-03	1.12E-03	2.71E-03	8.35E-04	6.42E-04	2.14E-04	5.01E-04	1.03E-04
7292	624918.98	4266063.86	3.29E-03	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.08E-04	1.04E-04
7293	624919.15	4266053.93	3.34E-03	1.15E-03	2.79E-03	8.59E-04	6.60E-04	2.20E-04	5.15E-04	1.06E-04
7294	624919.31	4266044	3.38E-03	1.16E-03	2.82E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04	1.07E-04
7295	624919.47	4266034.06	3.42E-03	1.18E-03	2.86E-03	8.82E-04	6.78E-04	2.26E-04	5.28E-04	1.09E-04
7296	624919.64	4266024.13	3.47E-03	1.19E-03	2.90E-03	8.92E-04	6.86E-04	2.28E-04	5.35E-04	1.10E-04
7297	624919.8	4266014.2	3.51E-03	1.21E-03	2.93E-03	9.03E-04	6.94E-04	2.31E-04	5.41E-04	1.11E-04
7298	624919.96	4266004.26	3.54E-03	1.22E-03	2.96E-03	9.11E-04	7.01E-04	2.33E-04	5.46E-04	1.12E-04
7299	624920.13	4265994.33	3.57E-03	1.23E-03	2.98E-03	9.19E-04	7.07E-04	2.35E-04	5.51E-04	1.13E-04
7300	624920.29	4265984.4	3.60E-03	1.24E-03	3.01E-03	9.26E-04	7.12E-04	2.37E-04	5.55E-04	1.14E-04
7301	624920.45	4265974.46	3.62E-03	1.25E-03	3.03E-03	9.33E-04	7.17E-04	2.39E-04	5.59E-04	1.15E-04
7302	624920.62	4265964.53	3.64E-03	1.25E-03	3.05E-03	9.38E-04	7.21E-04	2.40E-04	5.62E-04	1.16E-04
7303	624920.78	4265954.6	3.66E-03	1.26E-03	3.06E-03	9.43E-04	7.25E-04	2.41E-04	5.65E-04	1.16E-04
7304	624920.94	4265944.66	3.68E-03	1.26E-03	3.07E-03	9.46E-04	7.28E-04	2.42E-04	5.67E-04	1.17E-04
7305	624921.11	4265934.73	3.69E-03	1.27E-03	3.08E-03	9.49E-04	7.30E-04	2.43E-04	5.69E-04	1.17E-04
7306	624921.27	4265924.8	3.69E-03	1.27E-03	3.09E-03	9.51E-04	7.31E-04	2.43E-04	5.70E-04	1.17E-04
7307	624921.44	4265914.86	3.70E-03	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.71E-04	1.17E-04
7308	624921.6	4265904.93	3.70E-03	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.71E-04	1.17E-04
7309	624921.76	4265895	3.70E-03	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.71E-04	1.17E-04
7310	624921.93	4265885.06	3.69E-03	1.27E-03	3.08E-03	9.50E-04	7.30E-04	2.43E-04	5.69E-04	1.17E-04

7311	624922.09	4265875.13	3.68E-03	1.26E-03	3.07E-03	9.47E-04	7.28E-04	2.42E-04	5.68E-04	1.17E-04
7312	624922.25	4265865.2	3.66E-03	1.26E-03	3.06E-03	9.43E-04	7.25E-04	2.41E-04	5.65E-04	1.16E-04
7313	624922.42	4265855.26	3.64E-03	1.25E-03	3.05E-03	9.38E-04	7.21E-04	2.40E-04	5.62E-04	1.16E-04
7314	624922.58	4265845.33	3.62E-03	1.25E-03	3.03E-03	9.33E-04	7.17E-04	2.39E-04	5.59E-04	1.15E-04
7315	624922.74	4265835.4	3.60E-03	1.24E-03	3.01E-03	9.27E-04	7.12E-04	2.37E-04	5.55E-04	1.14E-04
7316	624922.91	4265825.46	3.57E-03	1.23E-03	2.99E-03	9.20E-04	7.07E-04	2.35E-04	5.51E-04	1.13E-04
7317	624923.07	4265815.53	3.54E-03	1.22E-03	2.96E-03	9.12E-04	7.02E-04	2.34E-04	5.47E-04	1.12E-04
7318	624923.23	4265805.6	3.51E-03	1.21E-03	2.94E-03	9.05E-04	6.96E-04	2.32E-04	5.42E-04	1.12E-04
7319	624923.4	4265795.66	3.48E-03	1.20E-03	2.91E-03	8.96E-04	6.89E-04	2.29E-04	5.37E-04	1.10E-04
7320	624923.56	4265785.73	3.45E-03	1.19E-03	2.88E-03	8.88E-04	6.83E-04	2.27E-04	5.32E-04	1.09E-04
7321	624923.73	4265775.8	3.41E-03	1.17E-03	2.85E-03	8.79E-04	6.76E-04	2.25E-04	5.27E-04	1.08E-04
7322	624923.89	4265765.86	3.38E-03	1.16E-03	2.83E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04	1.07E-04
7323	624924.05	4265755.93	3.34E-03	1.15E-03	2.80E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04	1.06E-04
7324	624924.22	4265746	3.31E-03	1.14E-03	2.77E-03	8.52E-04	6.55E-04	2.18E-04	5.11E-04	1.05E-04
7325	624924.38	4265736.06	3.27E-03	1.13E-03	2.74E-03	8.42E-04	6.48E-04	2.16E-04	5.05E-04	1.04E-04
7326	624924.54	4265726.13	3.24E-03	1.11E-03	2.70E-03	8.33E-04	6.40E-04	2.13E-04	4.99E-04	1.03E-04
7327	624924.71	4265716.2	3.20E-03	1.10E-03	2.67E-03	8.23E-04	6.33E-04	2.11E-04	4.93E-04	1.01E-04
7328	624924.87	4265706.26	3.16E-03	1.09E-03	2.64E-03	8.14E-04	6.26E-04	2.08E-04	4.88E-04	1.00E-04
7329	624925.03	4265696.33	3.12E-03	1.07E-03	2.61E-03	8.04E-04	6.18E-04	2.06E-04	4.82E-04	9.91E-05
7330	624925.2	4265686.4	3.08E-03	1.06E-03	2.58E-03	7.93E-04	6.10E-04	2.03E-04	4.76E-04	9.78E-05
7331	624925.36	4265676.46	3.04E-03	1.05E-03	2.54E-03	7.82E-04	6.02E-04	2.00E-04	4.69E-04	9.65E-05
7332	624917.05	4266177.52	2.79E-03	9.58E-04	2.33E-03	7.17E-04	5.51E-04	1.84E-04	4.30E-04	8.84E-05
7333	624910.08	4266193.58	2.84E-03	9.76E-04	2.37E-03	7.31E-04	5.62E-04	1.87E-04	4.38E-04	9.01E-05
7334	624862.38	4266225.68	3.61E-03	1.24E-03	3.02E-03	9.29E-04	7.14E-04	2.38E-04	5.57E-04	1.15E-04
7335	624927.67	4266143.49	2.72E-03	9.36E-04	2.27E-03	7.01E-04	5.39E-04	1.79E-04	4.20E-04	8.64E-05
7336	624927.84	4266133.56	2.75E-03	9.47E-04	2.30E-03	7.09E-04	5.45E-04	1.82E-04	4.25E-04	8.74E-05
7337	624928	4266123.63	2.79E-03	9.59E-04	2.33E-03	7.18E-04	5.52E-04	1.84E-04	4.30E-04	8.85E-05
7338	624928.16	4266113.69	2.83E-03	9.72E-04	2.36E-03	7.28E-04	5.59E-04	1.86E-04	4.36E-04	8.97E-05
7339	624928.33	4266103.76	2.86E-03	9.85E-04	2.39E-03	7.37E-04	5.67E-04	1.89E-04	4.42E-04	9.09E-05
7340	624928.49	4266093.83	2.90E-03	9.98E-04	2.43E-03	7.47E-04	5.74E-04	1.91E-04	4.48E-04	9.21E-05
7341	624928.65	4266083.89	2.94E-03	1.01E-03	2.46E-03	7.57E-04	5.82E-04	1.94E-04	4.54E-04	9.34E-05
7342	624928.82	4266073.96	2.98E-03	1.03E-03	2.49E-03	7.68E-04	5.90E-04	1.96E-04	4.60E-04	9.46E-05
7343	624928.98	4266064.03	3.02E-03	1.04E-03	2.53E-03	7.78E-04	5.98E-04	1.99E-04	4.66E-04	9.59E-05
7344	624929.14	4266054.09	3.06E-03	1.05E-03	2.56E-03	7.88E-04	6.06E-04	2.02E-04	4.72E-04	9.71E-05
7345	624929.31	4266044.16	3.10E-03	1.07E-03	2.59E-03	7.97E-04	6.13E-04	2.04E-04	4.78E-04	9.83E-05
7346	624929.47	4266034.23	3.14E-03	1.08E-03	2.62E-03	8.07E-04	6.21E-04	2.07E-04	4.84E-04	9.95E-05
7347	624929.64	4266024.29	3.17E-03	1.09E-03	2.65E-03	8.16E-04	6.28E-04	2.09E-04	4.89E-04	1.01E-04
7348	624929.8	4266014.36	3.21E-03	1.10E-03	2.68E-03	8.25E-04	6.34E-04	2.11E-04	4.95E-04	1.02E-04
7349	624929.96	4266004.43	3.23E-03	1.11E-03	2.70E-03	8.33E-04	6.40E-04	2.13E-04	4.99E-04	1.03E-04
7350	624930.13	4265994.49	3.26E-03	1.12E-03	2.73E-03	8.40E-04	6.46E-04	2.15E-04	5.03E-04	1.04E-04
7351	624930.29	4265984.56	3.29E-03	1.13E-03	2.75E-03	8.46E-04	6.50E-04	2.17E-04	5.07E-04	1.04E-04
7352	624930.45	4265974.63	3.31E-03	1.14E-03	2.76E-03	8.52E-04	6.55E-04	2.18E-04	5.10E-04	1.05E-04
7353	624930.62	4265964.69	3.33E-03	1.14E-03	2.78E-03	8.56E-04	6.58E-04	2.19E-04	5.13E-04	1.06E-04
7354	624930.78	4265954.76	3.34E-03	1.15E-03	2.79E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04	1.06E-04
7355	624930.94	4265944.83	3.36E-03	1.15E-03	2.80E-03	8.64E-04	6.64E-04	2.21E-04	5.18E-04	1.06E-04
7356	624931.11	4265934.89	3.36E-03	1.16E-03	2.81E-03	8.66E-04	6.66E-04	2.22E-04	5.19E-04	1.07E-04
7357	624931.27	4265924.96	3.37E-03	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04	1.07E-04
7358	624931.43	4265915.03	3.38E-03	1.16E-03	2.82E-03	8.70E-04	6.69E-04	2.23E-04	5.21E-04	1.07E-04
7359	624931.6	4265905.09	3.38E-03	1.16E-03	2.83E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04	1.07E-04
7360	624931.76	4265895.16	3.38E-03	1.16E-03	2.83E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04	1.07E-04
7361	624931.92	4265885.23	3.37E-03	1.16E-03	2.82E-03	8.69E-04	6.68E-04	2.22E-04	5.21E-04	1.07E-04
7362	624932.09	4265875.29	3.37E-03	1.16E-03	2.81E-03	8.67E-04	6.66E-04	2.22E-04	5.19E-04	1.07E-04
7363	624932.25	4265865.36	3.36E-03	1.15E-03	2.80E-03	8.64E-04	6.64E-04	2.21E-04	5.18E-04	1.06E-04

7364	624932.42	4265855.43	3.34E-03	1.15E-03	2.79E-03	8.60E-04	6.61E-04	2.20E-04	5.16E-04	1.06E-04
7365	624932.58	4265845.49	3.32E-03	1.14E-03	2.78E-03	8.56E-04	6.58E-04	2.19E-04	5.13E-04	1.06E-04
7366	624932.74	4265835.56	3.31E-03	1.14E-03	2.76E-03	8.51E-04	6.55E-04	2.18E-04	5.10E-04	1.05E-04
7367	624932.91	4265825.63	3.29E-03	1.13E-03	2.75E-03	8.46E-04	6.50E-04	2.17E-04	5.07E-04	1.04E-04
7368	624933.07	4265815.69	3.26E-03	1.12E-03	2.73E-03	8.40E-04	6.46E-04	2.15E-04	5.04E-04	1.04E-04
7369	624933.23	4265805.76	3.24E-03	1.11E-03	2.71E-03	8.34E-04	6.41E-04	2.14E-04	5.00E-04	1.03E-04
7370	624933.4	4265795.83	3.22E-03	1.11E-03	2.69E-03	8.28E-04	6.36E-04	2.12E-04	4.96E-04	1.02E-04
7371	624933.56	4265785.89	3.19E-03	1.10E-03	2.67E-03	8.21E-04	6.31E-04	2.10E-04	4.92E-04	1.01E-04
7372	624933.72	4265775.96	3.16E-03	1.09E-03	2.64E-03	8.14E-04	6.26E-04	2.08E-04	4.88E-04	1.00E-04
7373	624933.89	4265766.03	3.14E-03	1.08E-03	2.62E-03	8.07E-04	6.21E-04	2.07E-04	4.84E-04	9.95E-05
7374	624934.05	4265756.09	3.11E-03	1.07E-03	2.60E-03	8.00E-04	6.15E-04	2.05E-04	4.79E-04	9.86E-05
7375	624934.21	4265746.16	3.08E-03	1.06E-03	2.57E-03	7.92E-04	6.09E-04	2.03E-04	4.75E-04	9.77E-05
7376	624934.38	4265736.23	3.05E-03	1.05E-03	2.55E-03	7.85E-04	6.03E-04	2.01E-04	4.70E-04	9.67E-05
7377	624934.54	4265726.29	3.02E-03	1.04E-03	2.52E-03	7.77E-04	5.97E-04	1.99E-04	4.66E-04	9.58E-05
7378	624934.7	4265716.36	2.99E-03	1.03E-03	2.50E-03	7.69E-04	5.91E-04	1.97E-04	4.61E-04	9.48E-05
7379	624934.87	4265706.43	2.96E-03	1.02E-03	2.47E-03	7.61E-04	5.85E-04	1.95E-04	4.56E-04	9.38E-05
7380	624935.03	4265696.49	2.92E-03	1.01E-03	2.44E-03	7.53E-04	5.79E-04	1.93E-04	4.51E-04	9.28E-05
7381	624935.2	4265686.56	2.89E-03	9.95E-04	2.42E-03	7.45E-04	5.72E-04	1.91E-04	4.46E-04	9.18E-05
7382	624935.36	4265676.63	2.86E-03	9.82E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04	9.07E-05
7383	624925.74	4266180.69	2.61E-03	8.98E-04	2.18E-03	6.72E-04	5.17E-04	1.72E-04	4.03E-04	8.28E-05
7384	624921.82	4266189.73	2.64E-03	9.07E-04	2.21E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.37E-05
7385	624917.9	4266198.76	2.66E-03	9.16E-04	2.23E-03	6.86E-04	5.27E-04	1.76E-04	4.11E-04	8.46E-05
7386	624891.73	4266224.05	2.99E-03	1.03E-03	2.50E-03	7.70E-04	5.92E-04	1.97E-04	4.62E-04	9.49E-05
7387	624873.4	4266231.27	3.29E-03	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.08E-04	1.04E-04
7388	624864.24	4266234.88	3.43E-03	1.18E-03	2.87E-03	8.84E-04	6.79E-04	2.26E-04	5.30E-04	1.09E-04
7389	624855.08	4266238.49	3.56E-03	1.23E-03	2.98E-03	9.18E-04	7.05E-04	2.35E-04	5.50E-04	1.13E-04
7390	624937.67	4266143.66	2.54E-03	8.72E-04	2.12E-03	6.53E-04	5.02E-04	1.67E-04	3.91E-04	8.05E-05
7391	624937.83	4266133.72	2.56E-03	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.96E-04	8.14E-05
7392	624938	4266123.79	2.59E-03	8.91E-04	2.17E-03	6.67E-04	5.13E-04	1.71E-04	4.00E-04	8.23E-05
7393	624938.16	4266113.86	2.62E-03	9.02E-04	2.19E-03	6.75E-04	5.19E-04	1.73E-04	4.05E-04	8.32E-05
7394	624938.33	4266103.92	2.65E-03	9.12E-04	2.22E-03	6.83E-04	5.25E-04	1.75E-04	4.09E-04	8.42E-05
7395	624938.49	4266093.99	2.69E-03	9.24E-04	2.25E-03	6.92E-04	5.32E-04	1.77E-04	4.14E-04	8.52E-05
7396	624938.65	4266084.06	2.72E-03	9.35E-04	2.27E-03	7.00E-04	5.38E-04	1.79E-04	4.20E-04	8.63E-05
7397	624938.82	4266074.12	2.75E-03	9.47E-04	2.30E-03	7.09E-04	5.45E-04	1.81E-04	4.25E-04	8.74E-05
7398	624938.98	4266064.19	2.79E-03	9.58E-04	2.33E-03	7.17E-04	5.52E-04	1.84E-04	4.30E-04	8.84E-05
7399	624939.14	4266054.26	2.82E-03	9.69E-04	2.36E-03	7.26E-04	5.58E-04	1.86E-04	4.35E-04	8.95E-05
7400	624939.31	4266044.32	2.85E-03	9.80E-04	2.38E-03	7.34E-04	5.64E-04	1.88E-04	4.40E-04	9.05E-05
7401	624939.47	4266034.39	2.88E-03	9.92E-04	2.41E-03	7.43E-04	5.71E-04	1.90E-04	4.45E-04	9.15E-05
7402	624939.63	4266024.46	2.92E-03	1.00E-03	2.44E-03	7.51E-04	5.77E-04	1.92E-04	4.50E-04	9.25E-05
7403	624939.8	4266014.52	2.94E-03	1.01E-03	2.46E-03	7.58E-04	5.83E-04	1.94E-04	4.54E-04	9.35E-05
7404	624939.96	4266004.59	2.97E-03	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.58E-04	9.43E-05
7405	624940.12	4265994.66	2.99E-03	1.03E-03	2.50E-03	7.71E-04	5.93E-04	1.97E-04	4.62E-04	9.50E-05
7406	624940.29	4265984.72	3.01E-03	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04	9.57E-05
7407	624940.45	4265974.79	3.03E-03	1.04E-03	2.54E-03	7.81E-04	6.01E-04	2.00E-04	4.68E-04	9.63E-05
7408	624940.62	4265964.86	3.05E-03	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04	9.68E-05
7409	624940.78	4265954.92	3.06E-03	1.05E-03	2.56E-03	7.89E-04	6.07E-04	2.02E-04	4.73E-04	9.73E-05
7410	624940.94	4265944.99	3.08E-03	1.06E-03	2.57E-03	7.92E-04	6.09E-04	2.03E-04	4.75E-04	9.76E-05
7411	624941.11	4265935.06	3.09E-03	1.06E-03	2.58E-03	7.94E-04	6.11E-04	2.03E-04	4.76E-04	9.79E-05
7412	624941.27	4265925.12	3.09E-03	1.06E-03	2.58E-03	7.96E-04	6.12E-04	2.04E-04	4.77E-04	9.81E-05
7413	624941.43	4265915.19	3.10E-03	1.07E-03	2.59E-03	7.98E-04	6.13E-04	2.04E-04	4.78E-04	9.83E-05
7414	624941.6	4265905.26	3.10E-03	1.07E-03	2.59E-03	7.99E-04	6.14E-04	2.04E-04	4.79E-04	9.85E-05
7415	624941.76	4265895.32	3.10E-03	1.07E-03	2.59E-03	7.99E-04	6.14E-04	2.04E-04	4.79E-04	9.85E-05
7416	624941.92	4265885.39	3.10E-03	1.07E-03	2.59E-03	7.98E-04	6.14E-04	2.04E-04	4.78E-04	9.84E-05

7417	624942.09	4265875.46	3.09E-03	1.06E-03	2.59E-03	7.97E-04	6.13E-04	2.04E-04	4.77E-04	9.82E-05
7418	624942.25	4265865.52	3.09E-03	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.76E-04	9.80E-05
7419	624942.41	4265855.59	3.08E-03	1.06E-03	2.57E-03	7.92E-04	6.09E-04	2.03E-04	4.75E-04	9.76E-05
7420	624942.58	4265845.66	3.06E-03	1.05E-03	2.56E-03	7.89E-04	6.07E-04	2.02E-04	4.73E-04	9.73E-05
7421	624942.74	4265835.72	3.05E-03	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04	9.68E-05
7422	624942.9	4265825.79	3.04E-03	1.04E-03	2.54E-03	7.82E-04	6.01E-04	2.00E-04	4.68E-04	9.63E-05
7423	624943.07	4265815.86	3.02E-03	1.04E-03	2.52E-03	7.77E-04	5.97E-04	1.99E-04	4.66E-04	9.58E-05
7424	624943.23	4265805.92	3.00E-03	1.03E-03	2.51E-03	7.73E-04	5.94E-04	1.98E-04	4.63E-04	9.52E-05
7425	624943.4	4265795.99	2.98E-03	1.03E-03	2.49E-03	7.68E-04	5.90E-04	1.96E-04	4.60E-04	9.46E-05
7426	624943.56	4265786.06	2.96E-03	1.02E-03	2.47E-03	7.62E-04	5.86E-04	1.95E-04	4.57E-04	9.40E-05
7427	624943.72	4265776.12	2.94E-03	1.01E-03	2.46E-03	7.57E-04	5.82E-04	1.94E-04	4.54E-04	9.33E-05
7428	624943.89	4265766.19	2.92E-03	1.00E-03	2.44E-03	7.51E-04	5.77E-04	1.92E-04	4.50E-04	9.26E-05
7429	624944.05	4265756.26	2.89E-03	9.95E-04	2.42E-03	7.45E-04	5.73E-04	1.91E-04	4.47E-04	9.19E-05
7430	624944.21	4265746.32	2.87E-03	9.87E-04	2.40E-03	7.39E-04	5.68E-04	1.89E-04	4.43E-04	9.11E-05
7431	624944.38	4265736.39	2.85E-03	9.79E-04	2.38E-03	7.33E-04	5.63E-04	1.88E-04	4.39E-04	9.03E-05
7432	624944.54	4265726.46	2.82E-03	9.70E-04	2.36E-03	7.26E-04	5.58E-04	1.86E-04	4.35E-04	8.95E-05
7433	624944.7	4265716.52	2.80E-03	9.61E-04	2.34E-03	7.20E-04	5.53E-04	1.84E-04	4.31E-04	8.87E-05
7434	624944.87	4265706.59	2.77E-03	9.53E-04	2.32E-03	7.14E-04	5.49E-04	1.83E-04	4.28E-04	8.80E-05
7435	624945.03	4265696.66	2.75E-03	9.44E-04	2.30E-03	7.07E-04	5.44E-04	1.81E-04	4.24E-04	8.72E-05
7436	624945.19	4265686.72	2.72E-03	9.35E-04	2.27E-03	7.00E-04	5.38E-04	1.79E-04	4.20E-04	8.63E-05
7437	624945.36	4265676.79	2.69E-03	9.25E-04	2.25E-03	6.93E-04	5.33E-04	1.77E-04	4.15E-04	8.54E-05
7438	624936.07	4266180.11	2.44E-03	8.39E-04	2.04E-03	6.28E-04	4.83E-04	1.61E-04	3.77E-04	7.74E-05
7439	624932.26	4266188.89	2.47E-03	8.48E-04	2.06E-03	6.35E-04	4.88E-04	1.63E-04	3.81E-04	7.83E-05
7440	624928.44	4266197.67	2.49E-03	8.57E-04	2.08E-03	6.42E-04	4.93E-04	1.64E-04	3.85E-04	7.91E-05
7441	624908.1	4266227.53	2.67E-03	9.18E-04	2.23E-03	6.88E-04	5.29E-04	1.76E-04	4.12E-04	8.48E-05
7442	624899.19	4266231.04	2.80E-03	9.62E-04	2.34E-03	7.20E-04	5.54E-04	1.84E-04	4.32E-04	8.88E-05
7443	624890.28	4266234.55	2.93E-03	1.01E-03	2.45E-03	7.54E-04	5.80E-04	1.93E-04	4.52E-04	9.29E-05
7444	624881.37	4266238.06	3.06E-03	1.05E-03	2.56E-03	7.87E-04	6.05E-04	2.01E-04	4.72E-04	9.70E-05
7445	624872.46	4266241.57	3.18E-03	1.09E-03	2.66E-03	8.20E-04	6.30E-04	2.10E-04	4.91E-04	1.01E-04
7446	624863.55	4266245.08	3.30E-03	1.14E-03	2.76E-03	8.50E-04	6.54E-04	2.18E-04	5.10E-04	1.05E-04
7447	624854.64	4266248.59	3.41E-03	1.17E-03	2.85E-03	8.78E-04	6.75E-04	2.25E-04	5.26E-04	1.08E-04
7448	624947.67	4266143.82	2.37E-03	8.14E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.65E-04	7.52E-05
7449	624947.83	4266133.89	2.39E-03	8.23E-04	2.00E-03	6.16E-04	4.74E-04	1.58E-04	3.69E-04	7.59E-05
7450	624948	4266123.96	2.42E-03	8.31E-04	2.02E-03	6.22E-04	4.78E-04	1.59E-04	3.73E-04	7.67E-05
7451	624948.16	4266114.02	2.44E-03	8.40E-04	2.04E-03	6.29E-04	4.83E-04	1.61E-04	3.77E-04	7.75E-05
7452	624948.32	4266104.09	2.47E-03	8.49E-04	2.06E-03	6.35E-04	4.88E-04	1.63E-04	3.81E-04	7.83E-05
7453	624948.49	4266094.16	2.49E-03	8.58E-04	2.09E-03	6.42E-04	4.94E-04	1.64E-04	3.85E-04	7.92E-05
7454	624948.65	4266084.22	2.52E-03	8.68E-04	2.11E-03	6.50E-04	4.99E-04	1.66E-04	3.89E-04	8.01E-05
7455	624948.81	4266074.29	2.55E-03	8.77E-04	2.13E-03	6.57E-04	5.05E-04	1.68E-04	3.94E-04	8.10E-05
7456	624948.98	4266064.36	2.58E-03	8.87E-04	2.16E-03	6.64E-04	5.11E-04	1.70E-04	3.98E-04	8.19E-05
7457	624949.14	4266054.42	2.61E-03	8.97E-04	2.18E-03	6.71E-04	5.16E-04	1.72E-04	4.02E-04	8.28E-05
7458	624949.31	4266044.49	2.64E-03	9.06E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04	8.36E-05
7459	624949.47	4266034.56	2.66E-03	9.16E-04	2.23E-03	6.86E-04	5.27E-04	1.75E-04	4.11E-04	8.45E-05
7460	624949.63	4266024.62	2.69E-03	9.25E-04	2.25E-03	6.93E-04	5.33E-04	1.77E-04	4.15E-04	8.54E-05
7461	624949.8	4266014.69	2.72E-03	9.34E-04	2.27E-03	6.99E-04	5.38E-04	1.79E-04	4.19E-04	8.62E-05
7462	624949.96	4266004.76	2.74E-03	9.42E-04	2.29E-03	7.05E-04	5.42E-04	1.80E-04	4.23E-04	8.69E-05
7463	624950.12	4265994.82	2.76E-03	9.49E-04	2.31E-03	7.10E-04	5.46E-04	1.82E-04	4.26E-04	8.76E-05
7464	624950.29	4265984.89	2.78E-03	9.55E-04	2.32E-03	7.15E-04	5.50E-04	1.83E-04	4.29E-04	8.82E-05
7465	624950.45	4265974.96	2.79E-03	9.61E-04	2.34E-03	7.19E-04	5.53E-04	1.84E-04	4.31E-04	8.87E-05
7466	624950.61	4265965.02	2.81E-03	9.66E-04	2.35E-03	7.23E-04	5.56E-04	1.85E-04	4.34E-04	8.92E-05
7467	624950.78	4265955.09	2.82E-03	9.70E-04	2.36E-03	7.27E-04	5.59E-04	1.86E-04	4.35E-04	8.96E-05
7468	624950.94	4265945.16	2.83E-03	9.74E-04	2.37E-03	7.29E-04	5.61E-04	1.87E-04	4.37E-04	8.99E-05
7469	624951.1	4265935.22	2.84E-03	9.77E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04	9.02E-05

7470	624951.27	4265925.29	2.85E-03	9.79E-04	2.38E-03	7.33E-04	5.64E-04	1.88E-04	4.40E-04	9.04E-05
7471	624951.43	4265915.36	2.85E-03	9.82E-04	2.39E-03	7.35E-04	5.65E-04	1.88E-04	4.40E-04	9.06E-05
7472	624951.59	4265905.42	2.86E-03	9.83E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04	9.07E-05
7473	624951.76	4265895.49	2.86E-03	9.84E-04	2.39E-03	7.37E-04	5.66E-04	1.89E-04	4.42E-04	9.08E-05
7474	624951.92	4265885.56	2.86E-03	9.83E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04	9.08E-05
7475	624952.09	4265875.62	2.86E-03	9.82E-04	2.39E-03	7.35E-04	5.65E-04	1.88E-04	4.41E-04	9.06E-05
7476	624952.25	4265865.69	2.85E-03	9.80E-04	2.38E-03	7.34E-04	5.64E-04	1.88E-04	4.40E-04	9.05E-05
7477	624952.41	4265855.76	2.84E-03	9.78E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04	9.03E-05
7478	624952.58	4265845.82	2.84E-03	9.75E-04	2.37E-03	7.30E-04	5.61E-04	1.87E-04	4.38E-04	9.00E-05
7479	624952.74	4265835.89	2.83E-03	9.72E-04	2.36E-03	7.28E-04	5.59E-04	1.86E-04	4.36E-04	8.97E-05
7480	624952.9	4265825.96	2.81E-03	9.68E-04	2.35E-03	7.25E-04	5.57E-04	1.85E-04	4.34E-04	8.93E-05
7481	624953.07	4265816.02	2.80E-03	9.63E-04	2.34E-03	7.21E-04	5.55E-04	1.85E-04	4.32E-04	8.89E-05
7482	624953.23	4265806.09	2.79E-03	9.59E-04	2.33E-03	7.18E-04	5.52E-04	1.84E-04	4.30E-04	8.85E-05
7483	624953.39	4265796.16	2.77E-03	9.54E-04	2.32E-03	7.14E-04	5.49E-04	1.83E-04	4.28E-04	8.80E-05
7484	624953.56	4265786.22	2.76E-03	9.48E-04	2.30E-03	7.10E-04	5.46E-04	1.82E-04	4.25E-04	8.75E-05
7485	624953.72	4265776.29	2.74E-03	9.42E-04	2.29E-03	7.06E-04	5.42E-04	1.81E-04	4.23E-04	8.70E-05
7486	624953.88	4265766.36	2.72E-03	9.36E-04	2.28E-03	7.01E-04	5.39E-04	1.79E-04	4.20E-04	8.64E-05
7487	624954.05	4265756.42	2.70E-03	9.30E-04	2.26E-03	6.96E-04	5.35E-04	1.78E-04	4.17E-04	8.58E-05
7488	624954.21	4265746.49	2.68E-03	9.23E-04	2.24E-03	6.91E-04	5.31E-04	1.77E-04	4.14E-04	8.52E-05
7489	624954.38	4265736.56	2.66E-03	9.16E-04	2.23E-03	6.86E-04	5.27E-04	1.76E-04	4.11E-04	8.46E-05
7490	624954.54	4265726.62	2.64E-03	9.09E-04	2.21E-03	6.81E-04	5.23E-04	1.74E-04	4.08E-04	8.39E-05
7491	624954.7	4265716.69	2.62E-03	9.02E-04	2.19E-03	6.76E-04	5.19E-04	1.73E-04	4.05E-04	8.33E-05
7492	624954.87	4265706.76	2.60E-03	8.96E-04	2.18E-03	6.70E-04	5.15E-04	1.72E-04	4.02E-04	8.26E-05
7493	624955.03	4265696.82	2.58E-03	8.89E-04	2.16E-03	6.65E-04	5.12E-04	1.70E-04	3.99E-04	8.20E-05
7494	624955.19	4265686.89	2.56E-03	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.95E-04	8.13E-05
7495	624955.36	4265676.96	2.54E-03	8.73E-04	2.12E-03	6.54E-04	5.03E-04	1.67E-04	3.92E-04	8.06E-05
7496	624961.07	4266180.52	2.09E-03	7.18E-04	1.75E-03	5.38E-04	4.13E-04	1.38E-04	3.22E-04	6.63E-05
7497	624957.25	4266189.3	2.11E-03	7.27E-04	1.77E-03	5.44E-04	4.18E-04	1.39E-04	3.26E-04	6.71E-05
7498	624953.44	4266198.08	2.14E-03	7.34E-04	1.78E-03	5.50E-04	4.23E-04	1.41E-04	3.30E-04	6.78E-05
7499	624942	4266224.44	2.19E-03	7.54E-04	1.83E-03	5.64E-04	4.34E-04	1.44E-04	3.38E-04	6.96E-05
7500	624938.19	4266233.22	2.21E-03	7.59E-04	1.84E-03	5.68E-04	4.37E-04	1.45E-04	3.40E-04	7.00E-05
7501	624925.47	4266245.51	2.31E-03	7.96E-04	1.93E-03	5.96E-04	4.58E-04	1.53E-04	3.57E-04	7.35E-05
7502	624916.56	4266249.02	2.41E-03	8.30E-04	2.02E-03	6.22E-04	4.78E-04	1.59E-04	3.73E-04	7.66E-05
7503	624907.65	4266252.53	2.52E-03	8.65E-04	2.10E-03	6.48E-04	4.98E-04	1.66E-04	3.88E-04	7.98E-05
7504	624898.74	4266256.04	2.62E-03	9.00E-04	2.19E-03	6.74E-04	5.18E-04	1.72E-04	4.04E-04	8.31E-05
7505	624889.83	4266259.55	2.72E-03	9.34E-04	2.27E-03	6.99E-04	5.38E-04	1.79E-04	4.19E-04	8.62E-05
7506	624880.92	4266263.05	2.81E-03	9.67E-04	2.35E-03	7.24E-04	5.57E-04	1.85E-04	4.34E-04	8.92E-05
7507	624872.02	4266266.56	2.90E-03	9.97E-04	2.42E-03	7.47E-04	5.74E-04	1.91E-04	4.48E-04	9.21E-05
7508	624863.11	4266270.07	2.98E-03	1.03E-03	2.49E-03	7.68E-04	5.90E-04	1.96E-04	4.60E-04	9.46E-05
7509	624854.2	4266273.58	3.05E-03	1.05E-03	2.55E-03	7.86E-04	6.05E-04	2.01E-04	4.71E-04	9.69E-05
7510	624972.67	4266144.23	2.02E-03	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
7511	624972.83	4266134.3	2.04E-03	7.00E-04	1.70E-03	5.24E-04	4.03E-04	1.34E-04	3.14E-04	6.46E-05
7512	624972.99	4266124.37	2.05E-03	7.06E-04	1.71E-03	5.28E-04	4.06E-04	1.35E-04	3.17E-04	6.51E-05
7513	624973.16	4266114.43	2.07E-03	7.11E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04	6.56E-05
7514	624973.32	4266104.5	2.08E-03	7.17E-04	1.74E-03	5.37E-04	4.13E-04	1.37E-04	3.22E-04	6.62E-05
7515	624973.48	4266094.57	2.10E-03	7.23E-04	1.76E-03	5.41E-04	4.16E-04	1.39E-04	3.24E-04	6.67E-05
7516	624973.65	4266084.63	2.12E-03	7.29E-04	1.77E-03	5.46E-04	4.20E-04	1.40E-04	3.27E-04	6.73E-05
7517	624973.81	4266074.7	2.14E-03	7.36E-04	1.79E-03	5.51E-04	4.24E-04	1.41E-04	3.30E-04	6.79E-05
7518	624973.97	4266064.77	2.16E-03	7.43E-04	1.80E-03	5.56E-04	4.27E-04	1.42E-04	3.33E-04	6.85E-05
7519	624974.14	4266054.83	2.18E-03	7.49E-04	1.82E-03	5.61E-04	4.31E-04	1.44E-04	3.36E-04	6.91E-05
7520	624974.3	4266044.9	2.20E-03	7.56E-04	1.84E-03	5.66E-04	4.35E-04	1.45E-04	3.39E-04	6.97E-05
7521	624974.47	4266034.97	2.22E-03	7.63E-04	1.85E-03	5.71E-04	4.39E-04	1.46E-04	3.42E-04	7.04E-05
7522	624974.63	4266025.03	2.24E-03	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04	7.10E-05

7523	624974.79	4266015.1	2.26E-03	7.76E-04	1.89E-03	5.81E-04	4.47E-04	1.49E-04	3.48E-04	7.16E-05
7524	624974.96	4266005.17	2.27E-03	7.81E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04	7.21E-05
7525	624975.12	4265995.23	2.29E-03	7.86E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04	7.26E-05
7526	624975.28	4265985.3	2.30E-03	7.91E-04	1.92E-03	5.92E-04	4.55E-04	1.52E-04	3.55E-04	7.30E-05
7527	624975.45	4265975.37	2.31E-03	7.95E-04	1.93E-03	5.96E-04	4.58E-04	1.52E-04	3.57E-04	7.34E-05
7528	624975.61	4265965.43	2.32E-03	7.99E-04	1.94E-03	5.99E-04	4.60E-04	1.53E-04	3.59E-04	7.38E-05
7529	624975.77	4265955.5	2.34E-03	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.41E-05
7530	624975.94	4265945.57	2.34E-03	8.06E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.62E-04	7.44E-05
7531	624976.1	4265935.63	2.35E-03	8.09E-04	1.97E-03	6.05E-04	4.65E-04	1.55E-04	3.63E-04	7.46E-05
7532	624976.26	4265925.7	2.36E-03	8.11E-04	1.97E-03	6.07E-04	4.67E-04	1.55E-04	3.64E-04	7.48E-05
7533	624976.43	4265915.77	2.36E-03	8.13E-04	1.98E-03	6.09E-04	4.68E-04	1.56E-04	3.65E-04	7.50E-05
7534	624976.59	4265905.83	2.37E-03	8.15E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.66E-04	7.52E-05
7535	624976.76	4265895.9	2.37E-03	8.16E-04	1.98E-03	6.11E-04	4.70E-04	1.56E-04	3.66E-04	7.53E-05
7536	624976.92	4265885.97	2.38E-03	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.57E-04	3.67E-04	7.54E-05
7537	624977.08	4265876.03	2.38E-03	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.57E-04	3.67E-04	7.54E-05
7538	624977.25	4265866.1	2.38E-03	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.57E-04	3.67E-04	7.54E-05
7539	624977.41	4265856.17	2.37E-03	8.16E-04	1.98E-03	6.11E-04	4.70E-04	1.56E-04	3.66E-04	7.53E-05
7540	624977.57	4265846.23	2.37E-03	8.15E-04	1.98E-03	6.11E-04	4.69E-04	1.56E-04	3.66E-04	7.53E-05
7541	624977.74	4265836.3	2.37E-03	8.14E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.65E-04	7.51E-05
7542	624977.9	4265826.37	2.36E-03	8.13E-04	1.98E-03	6.08E-04	4.68E-04	1.56E-04	3.65E-04	7.50E-05
7543	624978.06	4265816.43	2.36E-03	8.11E-04	1.97E-03	6.07E-04	4.67E-04	1.55E-04	3.64E-04	7.48E-05
7544	624978.23	4265806.5	2.35E-03	8.09E-04	1.97E-03	6.05E-04	4.65E-04	1.55E-04	3.63E-04	7.46E-05
7545	624978.39	4265796.57	2.34E-03	8.06E-04	1.96E-03	6.04E-04	4.64E-04	1.54E-04	3.62E-04	7.44E-05
7546	624978.55	4265786.63	2.34E-03	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04	7.41E-05
7547	624978.72	4265776.7	2.33E-03	8.00E-04	1.94E-03	5.99E-04	4.61E-04	1.53E-04	3.59E-04	7.38E-05
7548	624978.88	4265766.77	2.32E-03	7.97E-04	1.94E-03	5.96E-04	4.59E-04	1.53E-04	3.57E-04	7.35E-05
7549	624979.04	4265756.83	2.31E-03	7.93E-04	1.93E-03	5.94E-04	4.56E-04	1.52E-04	3.56E-04	7.32E-05
7550	624979.21	4265746.9	2.29E-03	7.89E-04	1.92E-03	5.91E-04	4.54E-04	1.51E-04	3.54E-04	7.28E-05
7551	624979.37	4265736.97	2.28E-03	7.85E-04	1.91E-03	5.88E-04	4.52E-04	1.50E-04	3.52E-04	7.24E-05
7552	624979.54	4265727.03	2.27E-03	7.81E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04	7.21E-05
7553	624979.7	4265717.1	2.26E-03	7.77E-04	1.89E-03	5.82E-04	4.47E-04	1.49E-04	3.49E-04	7.17E-05
7554	624979.86	4265707.17	2.25E-03	7.73E-04	1.88E-03	5.79E-04	4.45E-04	1.48E-04	3.47E-04	7.14E-05
7555	624980.03	4265697.23	2.24E-03	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04	7.10E-05
7556	624980.19	4265687.3	2.22E-03	7.64E-04	1.86E-03	5.72E-04	4.40E-04	1.46E-04	3.43E-04	7.05E-05
7557	624980.35	4265677.37	2.21E-03	7.59E-04	1.85E-03	5.68E-04	4.37E-04	1.45E-04	3.41E-04	7.01E-05
7558	624986.06	4266180.93	1.81E-03	6.22E-04	1.51E-03	4.66E-04	3.58E-04	1.19E-04	2.79E-04	5.74E-05
7559	624982.25	4266189.71	1.83E-03	6.30E-04	1.53E-03	4.72E-04	3.63E-04	1.21E-04	2.83E-04	5.81E-05
7560	624978.44	4266198.5	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
7561	624967	4266224.85	1.90E-03	6.55E-04	1.59E-03	4.90E-04	3.77E-04	1.26E-04	2.94E-04	6.05E-05
7562	624963.19	4266233.63	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.27E-04	2.96E-04	6.09E-05
7563	624959.38	4266242.41	1.93E-03	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.98E-04	6.14E-05
7564	624955.56	4266251.2	1.95E-03	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.17E-05
7565	624942.84	4266263.49	2.03E-03	6.99E-04	1.70E-03	5.24E-04	4.02E-04	1.34E-04	3.14E-04	6.45E-05
7566	624933.93	4266267	2.11E-03	7.27E-04	1.77E-03	5.44E-04	4.18E-04	1.39E-04	3.26E-04	6.71E-05
7567	624925.02	4266270.51	2.20E-03	7.55E-04	1.83E-03	5.65E-04	4.35E-04	1.45E-04	3.39E-04	6.97E-05
7568	624916.11	4266274.02	2.28E-03	7.83E-04	1.90E-03	5.86E-04	4.51E-04	1.50E-04	3.51E-04	7.23E-05
7569	624907.21	4266277.52	2.36E-03	8.11E-04	1.97E-03	6.07E-04	4.67E-04	1.55E-04	3.64E-04	7.48E-05
7570	624898.3	4266281.03	2.44E-03	8.37E-04	2.04E-03	6.27E-04	4.82E-04	1.60E-04	3.76E-04	7.73E-05
7571	624889.39	4266284.54	2.51E-03	8.63E-04	2.10E-03	6.46E-04	4.97E-04	1.65E-04	3.87E-04	7.97E-05
7572	624880.48	4266288.05	2.58E-03	8.87E-04	2.16E-03	6.64E-04	5.11E-04	1.70E-04	3.98E-04	8.19E-05
7573	624997.66	4266144.65	1.75E-03	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
7574	624997.83	4266134.71	1.76E-03	6.04E-04	1.47E-03	4.52E-04	3.48E-04	1.16E-04	2.71E-04	5.58E-05
7575	624997.99	4266124.78	1.77E-03	6.08E-04	1.48E-03	4.55E-04	3.50E-04	1.16E-04	2.73E-04	5.61E-05

7576	624998.15	4266114.85	1.78E-03	6.11E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.74E-04	5.64E-05
7577	624998.32	4266104.91	1.79E-03	6.15E-04	1.50E-03	4.61E-04	3.54E-04	1.18E-04	2.76E-04	5.68E-05
7578	624998.48	4266094.98	1.80E-03	6.19E-04	1.51E-03	4.64E-04	3.56E-04	1.19E-04	2.78E-04	5.72E-05
7579	624998.64	4266085.05	1.81E-03	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.19E-04	2.80E-04	5.75E-05
7580	624998.81	4266075.11	1.83E-03	6.28E-04	1.53E-03	4.70E-04	3.61E-04	1.20E-04	2.82E-04	5.80E-05
7581	624998.97	4266065.18	1.84E-03	6.33E-04	1.54E-03	4.74E-04	3.64E-04	1.21E-04	2.84E-04	5.84E-05
7582	624999.14	4266055.25	1.85E-03	6.38E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04	5.88E-05
7583	624999.3	4266045.31	1.87E-03	6.43E-04	1.56E-03	4.81E-04	3.70E-04	1.23E-04	2.88E-04	5.93E-05
7584	624999.46	4266035.38	1.88E-03	6.47E-04	1.57E-03	4.85E-04	3.73E-04	1.24E-04	2.90E-04	5.97E-05
7585	624999.63	4266025.45	1.90E-03	6.52E-04	1.58E-03	4.88E-04	3.75E-04	1.25E-04	2.93E-04	6.02E-05
7586	624999.79	4266015.51	1.91E-03	6.57E-04	1.60E-03	4.92E-04	3.78E-04	1.26E-04	2.95E-04	6.06E-05
7587	624999.95	4266005.58	1.92E-03	6.61E-04	1.61E-03	4.95E-04	3.80E-04	1.27E-04	2.97E-04	6.10E-05
7588	625000.12	4265995.65	1.93E-03	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.98E-04	6.13E-05
7589	625000.28	4265985.71	1.94E-03	6.68E-04	1.62E-03	5.00E-04	3.85E-04	1.28E-04	3.00E-04	6.17E-05
7590	625000.44	4265975.78	1.95E-03	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.01E-04	6.20E-05
7591	625000.61	4265965.85	1.96E-03	6.75E-04	1.64E-03	5.05E-04	3.89E-04	1.29E-04	3.03E-04	6.23E-05
7592	625000.77	4265955.91	1.97E-03	6.78E-04	1.65E-03	5.08E-04	3.90E-04	1.30E-04	3.04E-04	6.26E-05
7593	625000.93	4265945.98	1.98E-03	6.81E-04	1.65E-03	5.10E-04	3.92E-04	1.30E-04	3.06E-04	6.28E-05
7594	625001.1	4265936.05	1.99E-03	6.83E-04	1.66E-03	5.12E-04	3.93E-04	1.31E-04	3.07E-04	6.31E-05
7595	625001.26	4265926.11	1.99E-03	6.86E-04	1.67E-03	5.14E-04	3.95E-04	1.31E-04	3.08E-04	6.33E-05
7596	625001.42	4265916.18	2.00E-03	6.88E-04	1.67E-03	5.15E-04	3.96E-04	1.32E-04	3.09E-04	6.35E-05
7597	625001.59	4265906.25	2.01E-03	6.90E-04	1.68E-03	5.16E-04	3.97E-04	1.32E-04	3.10E-04	6.37E-05
7598	625001.75	4265896.31	2.01E-03	6.91E-04	1.68E-03	5.18E-04	3.98E-04	1.32E-04	3.10E-04	6.38E-05
7599	625001.92	4265886.38	2.01E-03	6.92E-04	1.68E-03	5.18E-04	3.99E-04	1.33E-04	3.11E-04	6.39E-05
7600	625002.08	4265876.45	2.02E-03	6.93E-04	1.69E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04	6.40E-05
7601	625002.24	4265866.51	2.02E-03	6.94E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.11E-04	6.41E-05
7602	625002.41	4265856.58	2.02E-03	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
7603	625002.57	4265846.65	2.02E-03	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
7604	625002.73	4265836.71	2.02E-03	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
7605	625002.9	4265826.78	2.02E-03	6.94E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04	6.41E-05
7606	625003.06	4265816.85	2.02E-03	6.94E-04	1.69E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04	6.40E-05
7607	625003.22	4265806.91	2.02E-03	6.93E-04	1.68E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04	6.39E-05
7608	625003.39	4265796.98	2.01E-03	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.10E-04	6.38E-05
7609	625003.55	4265787.05	2.01E-03	6.90E-04	1.68E-03	5.17E-04	3.97E-04	1.32E-04	3.10E-04	6.37E-05
7610	625003.71	4265777.11	2.00E-03	6.89E-04	1.67E-03	5.16E-04	3.96E-04	1.32E-04	3.09E-04	6.36E-05
7611	625003.88	4265767.18	2.00E-03	6.87E-04	1.67E-03	5.14E-04	3.95E-04	1.32E-04	3.08E-04	6.34E-05
7612	625004.04	4265757.25	1.99E-03	6.85E-04	1.66E-03	5.13E-04	3.94E-04	1.31E-04	3.07E-04	6.32E-05
7613	625004.2	4265747.31	1.99E-03	6.83E-04	1.66E-03	5.11E-04	3.93E-04	1.31E-04	3.06E-04	6.30E-05
7614	625004.37	4265737.38	1.98E-03	6.81E-04	1.65E-03	5.10E-04	3.92E-04	1.30E-04	3.05E-04	6.28E-05
7615	625004.53	4265727.45	1.97E-03	6.78E-04	1.65E-03	5.08E-04	3.90E-04	1.30E-04	3.04E-04	6.26E-05
7616	625004.7	4265717.51	1.97E-03	6.76E-04	1.64E-03	5.06E-04	3.89E-04	1.30E-04	3.03E-04	6.24E-05
7617	625004.86	4265707.58	1.96E-03	6.74E-04	1.64E-03	5.05E-04	3.88E-04	1.29E-04	3.02E-04	6.22E-05
7618	625005.02	4265697.65	1.95E-03	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.01E-04	6.20E-05
7619	625005.19	4265687.71	1.95E-03	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04	6.17E-05
7620	625005.35	4265677.78	1.94E-03	6.66E-04	1.62E-03	4.99E-04	3.83E-04	1.28E-04	2.99E-04	6.15E-05
7621	625011.06	4266181.34	1.59E-03	5.45E-04	1.32E-03	4.08E-04	3.14E-04	1.04E-04	2.45E-04	5.03E-05
7622	625007.25	4266190.12	1.60E-03	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04	5.09E-05
7623	625003.43	4266198.91	1.62E-03	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04	5.15E-05
7624	624988.18	4266234.04	1.68E-03	5.79E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04	5.35E-05
7625	624984.37	4266242.83	1.70E-03	5.84E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.39E-05
7626	624980.56	4266251.61	1.71E-03	5.88E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04	5.43E-05
7627	624976.75	4266260.39	1.72E-03	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04	5.47E-05
7628	624972.93	4266269.18	1.73E-03	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04	5.50E-05

7629	624960.21	4266281.47	1.81E-03	6.21E-04	1.51E-03	4.65E-04	3.57E-04	1.19E-04	2.79E-04	5.73E-05
7630	624951.3	4266284.98	1.87E-03	6.44E-04	1.56E-03	4.82E-04	3.70E-04	1.23E-04	2.89E-04	5.94E-05
7631	624888.94	4266309.54	2.32E-03	7.97E-04	1.94E-03	5.97E-04	4.59E-04	1.53E-04	3.58E-04	7.36E-05
7632	624880.03	4266313.05	2.37E-03	8.15E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.66E-04	7.52E-05
7633	624871.12	4266316.56	2.42E-03	8.31E-04	2.02E-03	6.22E-04	4.78E-04	1.59E-04	3.73E-04	7.67E-05
7634	624862.21	4266320.06	2.46E-03	8.45E-04	2.05E-03	6.33E-04	4.86E-04	1.62E-04	3.79E-04	7.80E-05
7635	624853.3	4266323.57	2.49E-03	8.57E-04	2.08E-03	6.42E-04	4.93E-04	1.64E-04	3.85E-04	7.91E-05
7636	625022.66	4266145.06	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
7637	625022.82	4266135.12	1.53E-03	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04	4.87E-05
7638	625022.99	4266125.19	1.54E-03	5.30E-04	1.29E-03	3.97E-04	3.05E-04	1.02E-04	2.38E-04	4.89E-05
7639	625023.15	4266115.26	1.55E-03	5.32E-04	1.29E-03	3.99E-04	3.06E-04	1.02E-04	2.39E-04	4.91E-05
7640	625023.31	4266105.32	1.56E-03	5.35E-04	1.30E-03	4.00E-04	3.08E-04	1.02E-04	2.40E-04	4.94E-05
7641	625023.48	4266095.39	1.56E-03	5.38E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04	4.96E-05
7642	625023.64	4266085.46	1.57E-03	5.40E-04	1.31E-03	4.05E-04	3.11E-04	1.04E-04	2.43E-04	4.99E-05
7643	625023.8	4266075.52	1.58E-03	5.44E-04	1.32E-03	4.07E-04	3.13E-04	1.04E-04	2.44E-04	5.02E-05
7644	625023.97	4266065.59	1.59E-03	5.47E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.45E-04	5.05E-05
7645	625024.13	4266055.66	1.60E-03	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.06E-04	2.47E-04	5.08E-05
7646	625024.3	4266045.72	1.61E-03	5.55E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04	5.12E-05
7647	625024.46	4266035.79	1.62E-03	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04	5.15E-05
7648	625024.62	4266025.86	1.63E-03	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.08E-04	2.52E-04	5.18E-05
7649	625024.79	4266015.92	1.64E-03	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.53E-04	5.21E-05
7650	625024.95	4266005.99	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
7651	625025.11	4265996.06	1.66E-03	5.71E-04	1.39E-03	4.28E-04	3.29E-04	1.09E-04	2.56E-04	5.27E-05
7652	625025.28	4265986.12	1.67E-03	5.74E-04	1.40E-03	4.30E-04	3.30E-04	1.10E-04	2.58E-04	5.30E-05
7653	625025.44	4265976.19	1.68E-03	5.77E-04	1.40E-03	4.32E-04	3.32E-04	1.11E-04	2.59E-04	5.33E-05
7654	625025.6	4265966.26	1.69E-03	5.80E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04	5.35E-05
7655	625025.77	4265956.32	1.69E-03	5.82E-04	1.42E-03	4.36E-04	3.35E-04	1.12E-04	2.61E-04	5.37E-05
7656	625025.93	4265946.39	1.70E-03	5.85E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04	5.40E-05
7657	625026.09	4265936.46	1.71E-03	5.88E-04	1.43E-03	4.40E-04	3.38E-04	1.13E-04	2.64E-04	5.42E-05
7658	625026.26	4265926.52	1.72E-03	5.90E-04	1.43E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04	5.45E-05
7659	625026.42	4265916.59	1.72E-03	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04	5.47E-05
7660	625026.58	4265906.66	1.73E-03	5.94E-04	1.44E-03	4.45E-04	3.42E-04	1.14E-04	2.67E-04	5.48E-05
7661	625026.75	4265896.72	1.73E-03	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04	5.50E-05
7662	625026.91	4265886.79	1.74E-03	5.97E-04	1.45E-03	4.47E-04	3.44E-04	1.14E-04	2.68E-04	5.51E-05
7663	625027.08	4265876.86	1.74E-03	5.98E-04	1.45E-03	4.48E-04	3.44E-04	1.15E-04	2.69E-04	5.52E-05
7664	625027.24	4265866.92	1.74E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.53E-05
7665	625027.4	4265856.99	1.75E-03	6.00E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.69E-04	5.54E-05
7666	625027.57	4265847.06	1.75E-03	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
7667	625027.73	4265837.12	1.75E-03	6.02E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
7668	625027.89	4265827.19	1.75E-03	6.02E-04	1.46E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04	5.56E-05
7669	625028.06	4265817.26	1.75E-03	6.02E-04	1.46E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04	5.56E-05
7670	625028.22	4265807.32	1.75E-03	6.02E-04	1.46E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04	5.56E-05
7671	625028.38	4265797.39	1.75E-03	6.02E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
7672	625028.55	4265787.46	1.75E-03	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
7673	625028.71	4265777.52	1.74E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.54E-05
7674	625028.87	4265767.59	1.74E-03	5.99E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.53E-05
7675	625029.04	4265757.66	1.74E-03	5.98E-04	1.45E-03	4.48E-04	3.44E-04	1.15E-04	2.68E-04	5.52E-05
7676	625029.2	4265747.72	1.74E-03	5.97E-04	1.45E-03	4.47E-04	3.44E-04	1.14E-04	2.68E-04	5.51E-05
7677	625029.37	4265737.79	1.73E-03	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04	5.50E-05
7678	625029.53	4265727.86	1.73E-03	5.95E-04	1.45E-03	4.45E-04	3.42E-04	1.14E-04	2.67E-04	5.49E-05
7679	625029.69	4265717.92	1.73E-03	5.93E-04	1.44E-03	4.44E-04	3.42E-04	1.14E-04	2.66E-04	5.48E-05
7680	625029.86	4265707.99	1.72E-03	5.92E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
7681	625030.02	4265698.06	1.72E-03	5.91E-04	1.44E-03	4.43E-04	3.40E-04	1.13E-04	2.65E-04	5.46E-05

7682	625030.18	4265688.12	1.72E-03	5.90E-04	1.43E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04	5.45E-05
7683	625030.35	4265678.19	1.71E-03	5.88E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04	5.43E-05
7684	625036.06	4266181.75	1.40E-03	4.82E-04	1.17E-03	3.61E-04	2.77E-04	9.23E-05	2.16E-04	4.45E-05
7685	625032.24	4266190.54	1.42E-03	4.88E-04	1.18E-03	3.65E-04	2.81E-04	9.34E-05	2.19E-04	4.50E-05
7686	625028.43	4266199.32	1.43E-03	4.93E-04	1.20E-03	3.69E-04	2.84E-04	9.45E-05	2.21E-04	4.55E-05
7687	625024.62	4266208.1	1.45E-03	4.98E-04	1.21E-03	3.73E-04	2.87E-04	9.55E-05	2.24E-04	4.60E-05
7688	625020.81	4266216.89	1.46E-03	5.03E-04	1.22E-03	3.77E-04	2.90E-04	9.64E-05	2.26E-04	4.64E-05
7689	625016.99	4266225.67	1.48E-03	5.08E-04	1.23E-03	3.80E-04	2.92E-04	9.73E-05	2.28E-04	4.69E-05
7690	625013.18	4266234.45	1.49E-03	5.12E-04	1.25E-03	3.84E-04	2.95E-04	9.82E-05	2.30E-04	4.73E-05
7691	624994.12	4266278.37	1.55E-03	5.32E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.39E-04	4.91E-05
7692	624990.31	4266287.15	1.56E-03	5.35E-04	1.30E-03	4.00E-04	3.08E-04	1.02E-04	2.40E-04	4.94E-05
7693	624950.86	4266309.97	1.79E-03	6.14E-04	1.49E-03	4.60E-04	3.53E-04	1.18E-04	2.76E-04	5.67E-05
7694	624941.95	4266313.48	1.84E-03	6.33E-04	1.54E-03	4.74E-04	3.65E-04	1.21E-04	2.84E-04	5.85E-05
7695	624933.04	4266316.99	1.90E-03	6.52E-04	1.59E-03	4.88E-04	3.76E-04	1.25E-04	2.93E-04	6.02E-05
7696	624924.13	4266320.5	1.95E-03	6.71E-04	1.63E-03	5.02E-04	3.86E-04	1.29E-04	3.01E-04	6.19E-05
7697	624897.4	4266331.03	2.10E-03	7.22E-04	1.75E-03	5.40E-04	4.15E-04	1.38E-04	3.24E-04	6.66E-05
7698	624888.49	4266334.53	2.14E-03	7.37E-04	1.79E-03	5.51E-04	4.24E-04	1.41E-04	3.31E-04	6.80E-05
7699	624879.59	4266338.04	2.18E-03	7.50E-04	1.82E-03	5.61E-04	4.32E-04	1.44E-04	3.36E-04	6.92E-05
7700	624870.68	4266341.55	2.22E-03	7.62E-04	1.85E-03	5.70E-04	4.38E-04	1.46E-04	3.42E-04	7.03E-05
7701	624861.77	4266345.06	2.25E-03	7.72E-04	1.88E-03	5.78E-04	4.44E-04	1.48E-04	3.46E-04	7.12E-05
7702	624852.86	4266348.57	2.27E-03	7.81E-04	1.90E-03	5.85E-04	4.49E-04	1.50E-04	3.50E-04	7.21E-05
7703	625047.66	4266145.47	1.35E-03	4.64E-04	1.13E-03	3.47E-04	2.67E-04	8.89E-05	2.08E-04	4.28E-05
7704	625047.82	4266135.54	1.35E-03	4.65E-04	1.13E-03	3.49E-04	2.68E-04	8.92E-05	2.09E-04	4.30E-05
7705	625047.98	4266125.6	1.36E-03	4.67E-04	1.13E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04	4.31E-05
7706	625048.15	4266115.67	1.36E-03	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.32E-05
7707	625048.31	4266105.74	1.37E-03	4.70E-04	1.14E-03	3.52E-04	2.71E-04	9.01E-05	2.11E-04	4.34E-05
7708	625048.47	4266095.8	1.37E-03	4.72E-04	1.15E-03	3.53E-04	2.72E-04	9.04E-05	2.12E-04	4.36E-05
7709	625048.64	4266085.87	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.08E-05	2.13E-04	4.38E-05
7710	625048.8	4266075.94	1.39E-03	4.76E-04	1.16E-03	3.57E-04	2.74E-04	9.13E-05	2.14E-04	4.40E-05
7711	625048.96	4266066	1.39E-03	4.79E-04	1.16E-03	3.59E-04	2.76E-04	9.18E-05	2.15E-04	4.42E-05
7712	625049.13	4266056.07	1.40E-03	4.82E-04	1.17E-03	3.61E-04	2.77E-04	9.23E-05	2.16E-04	4.44E-05
7713	625049.29	4266046.14	1.41E-03	4.84E-04	1.18E-03	3.63E-04	2.79E-04	9.28E-05	2.17E-04	4.47E-05
7714	625049.46	4266036.2	1.42E-03	4.87E-04	1.18E-03	3.65E-04	2.80E-04	9.33E-05	2.19E-04	4.49E-05
7715	625049.62	4266026.27	1.42E-03	4.90E-04	1.19E-03	3.67E-04	2.82E-04	9.38E-05	2.20E-04	4.52E-05
7716	625049.78	4266016.34	1.43E-03	4.92E-04	1.20E-03	3.69E-04	2.83E-04	9.43E-05	2.21E-04	4.54E-05
7717	625049.95	4266006.4	1.44E-03	4.95E-04	1.20E-03	3.71E-04	2.85E-04	9.48E-05	2.22E-04	4.57E-05
7718	625050.11	4265996.47	1.45E-03	4.98E-04	1.21E-03	3.73E-04	2.86E-04	9.53E-05	2.23E-04	4.59E-05
7719	625050.27	4265986.54	1.45E-03	5.00E-04	1.22E-03	3.74E-04	2.88E-04	9.58E-05	2.24E-04	4.62E-05
7720	625050.44	4265976.6	1.46E-03	5.03E-04	1.22E-03	3.76E-04	2.89E-04	9.63E-05	2.26E-04	4.64E-05
7721	625050.6	4265966.67	1.47E-03	5.05E-04	1.23E-03	3.78E-04	2.91E-04	9.68E-05	2.27E-04	4.66E-05
7722	625050.76	4265956.74	1.48E-03	5.08E-04	1.23E-03	3.80E-04	2.92E-04	9.73E-05	2.28E-04	4.69E-05
7723	625050.93	4265946.8	1.48E-03	5.10E-04	1.24E-03	3.82E-04	2.94E-04	9.77E-05	2.29E-04	4.71E-05
7724	625051.09	4265936.87	1.49E-03	5.13E-04	1.25E-03	3.84E-04	2.95E-04	9.82E-05	2.30E-04	4.73E-05
7725	625051.25	4265926.94	1.50E-03	5.15E-04	1.25E-03	3.86E-04	2.96E-04	9.87E-05	2.31E-04	4.75E-05
7726	625051.42	4265917	1.50E-03	5.17E-04	1.26E-03	3.87E-04	2.98E-04	9.91E-05	2.32E-04	4.77E-05
7727	625051.58	4265907.07	1.51E-03	5.19E-04	1.26E-03	3.88E-04	2.99E-04	9.94E-05	2.33E-04	4.79E-05
7728	625051.74	4265897.14	1.51E-03	5.21E-04	1.27E-03	3.90E-04	3.00E-04	9.97E-05	2.34E-04	4.80E-05
7729	625051.91	4265887.2	1.52E-03	5.22E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.34E-04	4.82E-05
7730	625052.07	4265877.27	1.52E-03	5.24E-04	1.27E-03	3.92E-04	3.01E-04	1.00E-04	2.35E-04	4.83E-05
7731	625052.24	4265867.34	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.84E-05
7732	625052.4	4265857.4	1.53E-03	5.26E-04	1.28E-03	3.94E-04	3.03E-04	1.01E-04	2.36E-04	4.86E-05
7733	625052.56	4265847.47	1.53E-03	5.27E-04	1.28E-03	3.95E-04	3.03E-04	1.01E-04	2.37E-04	4.86E-05
7734	625052.73	4265837.54	1.54E-03	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04	4.87E-05

7735	625052.89	4265827.6	1.54E-03	5.29E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
7736	625053.05	4265817.67	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.37E-04	4.88E-05
7737	625053.22	4265807.74	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.37E-04	4.88E-05
7738	625053.38	4265797.8	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.37E-04	4.88E-05
7739	625053.54	4265787.87	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
7740	625053.71	4265777.94	1.54E-03	5.28E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04	4.88E-05
7741	625053.87	4265768	1.53E-03	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04	4.87E-05
7742	625054.03	4265758.07	1.53E-03	5.27E-04	1.28E-03	3.95E-04	3.03E-04	1.01E-04	2.37E-04	4.86E-05
7743	625054.2	4265748.14	1.53E-03	5.26E-04	1.28E-03	3.94E-04	3.03E-04	1.01E-04	2.36E-04	4.86E-05
7744	625054.36	4265738.2	1.53E-03	5.26E-04	1.28E-03	3.94E-04	3.03E-04	1.01E-04	2.36E-04	4.85E-05
7745	625054.53	4265728.27	1.53E-03	5.26E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
7746	625054.69	4265718.34	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
7747	625054.85	4265708.4	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.84E-05
7748	625055.02	4265698.47	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.35E-04	4.84E-05
7749	625055.18	4265688.54	1.52E-03	5.24E-04	1.27E-03	3.92E-04	3.02E-04	1.00E-04	2.35E-04	4.84E-05
7750	625055.34	4265678.6	1.52E-03	5.24E-04	1.27E-03	3.92E-04	3.01E-04	1.00E-04	2.35E-04	4.83E-05
7751	625049.61	4266208.51	1.29E-03	4.44E-04	1.08E-03	3.32E-04	2.55E-04	8.50E-05	1.99E-04	4.10E-05
7752	625045.8	4266217.3	1.30E-03	4.48E-04	1.09E-03	3.36E-04	2.58E-04	8.59E-05	2.01E-04	4.14E-05
7753	625041.99	4266226.08	1.32E-03	4.52E-04	1.10E-03	3.39E-04	2.60E-04	8.67E-05	2.03E-04	4.17E-05
7754	625038.18	4266234.86	1.33E-03	4.56E-04	1.11E-03	3.42E-04	2.63E-04	8.74E-05	2.05E-04	4.21E-05
7755	625034.37	4266243.65	1.34E-03	4.60E-04	1.12E-03	3.45E-04	2.65E-04	8.82E-05	2.07E-04	4.25E-05
7756	625030.55	4266252.43	1.35E-03	4.64E-04	1.13E-03	3.48E-04	2.67E-04	8.89E-05	2.08E-04	4.28E-05
7757	625026.74	4266261.21	1.36E-03	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04	4.32E-05
7758	625022.93	4266270	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.12E-04	4.35E-05
7759	625019.12	4266278.78	1.38E-03	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04	4.38E-05
7760	625015.3	4266287.57	1.39E-03	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.15E-04	4.41E-05
7761	625011.49	4266296.35	1.40E-03	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.22E-05	2.16E-04	4.44E-05
7762	624986.05	4266320.93	1.51E-03	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.93E-05	2.33E-04	4.78E-05
7763	624977.14	4266324.44	1.56E-03	5.35E-04	1.30E-03	4.00E-04	3.08E-04	1.02E-04	2.40E-04	4.94E-05
7764	624968.23	4266327.95	1.60E-03	5.51E-04	1.34E-03	4.13E-04	3.17E-04	1.06E-04	2.47E-04	5.09E-05
7765	624959.32	4266331.46	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
7766	624950.41	4266334.97	1.70E-03	5.84E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04	5.39E-05
7767	624941.5	4266338.48	1.75E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04	5.54E-05
7768	624932.59	4266341.99	1.79E-03	6.16E-04	1.50E-03	4.61E-04	3.54E-04	1.18E-04	2.76E-04	5.68E-05
7769	624923.68	4266345.49	1.83E-03	6.31E-04	1.53E-03	4.72E-04	3.63E-04	1.21E-04	2.83E-04	5.82E-05
7770	624896.96	4266356.02	1.95E-03	6.70E-04	1.63E-03	5.02E-04	3.86E-04	1.28E-04	3.01E-04	6.19E-05
7771	624888.05	4266359.53	1.98E-03	6.82E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04	6.29E-05
7772	624879.14	4266363.04	2.01E-03	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.10E-04	6.38E-05
7773	624870.23	4266366.55	2.04E-03	7.01E-04	1.70E-03	5.25E-04	4.03E-04	1.34E-04	3.14E-04	6.47E-05
7774	624861.32	4266370.06	2.06E-03	7.08E-04	1.72E-03	5.30E-04	4.08E-04	1.36E-04	3.18E-04	6.53E-05
7775	625072.65	4266145.88	1.20E-03	4.13E-04	1.00E-03	3.10E-04	2.38E-04	7.92E-05	1.86E-04	3.82E-05
7776	625072.82	4266135.95	1.20E-03	4.14E-04	1.01E-03	3.10E-04	2.38E-04	7.94E-05	1.86E-04	3.82E-05
7777	625072.98	4266126.01	1.21E-03	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04	3.83E-05
7778	625073.14	4266116.08	1.21E-03	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.97E-05	1.87E-04	3.84E-05
7779	625073.31	4266106.15	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05
7780	625073.47	4266096.21	1.22E-03	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.02E-05	1.88E-04	3.86E-05
7781	625073.63	4266086.28	1.22E-03	4.20E-04	1.02E-03	3.15E-04	2.42E-04	8.06E-05	1.89E-04	3.88E-05
7782	625073.8	4266076.35	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.09E-05	1.89E-04	3.90E-05
7783	625073.96	4266066.41	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04	3.91E-05
7784	625074.12	4266056.48	1.24E-03	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04	3.93E-05
7785	625074.29	4266046.55	1.24E-03	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.20E-05	1.92E-04	3.95E-05
7786	625074.45	4266036.61	1.25E-03	4.30E-04	1.05E-03	3.22E-04	2.48E-04	8.24E-05	1.93E-04	3.97E-05
7787	625074.62	4266026.68	1.26E-03	4.32E-04	1.05E-03	3.24E-04	2.49E-04	8.28E-05	1.94E-04	3.99E-05

7788	625074.78	4266016.75	1.26E-03	4.34E-04	1.06E-03	3.25E-04	2.50E-04	8.32E-05	1.95E-04	4.01E-05
7789	625074.94	4266006.81	1.27E-03	4.37E-04	1.06E-03	3.27E-04	2.51E-04	8.36E-05	1.96E-04	4.03E-05
7790	625075.11	4265996.88	1.28E-03	4.39E-04	1.07E-03	3.29E-04	2.53E-04	8.41E-05	1.97E-04	4.05E-05
7791	625075.27	4265986.95	1.28E-03	4.41E-04	1.07E-03	3.30E-04	2.54E-04	8.45E-05	1.98E-04	4.07E-05
7792	625075.43	4265977.01	1.29E-03	4.44E-04	1.08E-03	3.32E-04	2.55E-04	8.50E-05	1.99E-04	4.09E-05
7793	625075.6	4265967.08	1.30E-03	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.55E-05	2.00E-04	4.12E-05
7794	625075.76	4265957.15	1.30E-03	4.49E-04	1.09E-03	3.36E-04	2.58E-04	8.59E-05	2.01E-04	4.14E-05
7795	625075.92	4265947.21	1.31E-03	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.64E-05	2.02E-04	4.16E-05
7796	625076.09	4265937.28	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04	4.18E-05
7797	625076.25	4265927.35	1.32E-03	4.55E-04	1.11E-03	3.41E-04	2.62E-04	8.71E-05	2.04E-04	4.20E-05
7798	625076.41	4265917.41	1.33E-03	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04	4.22E-05
7799	625076.58	4265907.48	1.33E-03	4.59E-04	1.11E-03	3.43E-04	2.64E-04	8.79E-05	2.06E-04	4.23E-05
7800	625076.74	4265897.55	1.34E-03	4.60E-04	1.12E-03	3.45E-04	2.65E-04	8.82E-05	2.07E-04	4.25E-05
7801	625076.91	4265887.61	1.34E-03	4.62E-04	1.12E-03	3.46E-04	2.66E-04	8.85E-05	2.07E-04	4.26E-05
7802	625077.07	4265877.68	1.35E-03	4.63E-04	1.13E-03	3.47E-04	2.67E-04	8.88E-05	2.08E-04	4.28E-05
7803	625077.23	4265867.75	1.35E-03	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.91E-05	2.09E-04	4.29E-05
7804	625077.4	4265857.81	1.36E-03	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.93E-05	2.09E-04	4.30E-05
7805	625077.56	4265847.88	1.36E-03	4.67E-04	1.14E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04	4.31E-05
7806	625077.72	4265837.95	1.36E-03	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04	4.32E-05
7807	625077.89	4265828.01	1.36E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.10E-04	4.33E-05
7808	625078.05	4265818.08	1.36E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.11E-04	4.33E-05
7809	625078.21	4265808.15	1.37E-03	4.70E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04	4.33E-05
7810	625078.38	4265798.21	1.37E-03	4.69E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04	4.33E-05
7811	625078.54	4265788.28	1.36E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.11E-04	4.33E-05
7812	625078.7	4265778.35	1.36E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.10E-04	4.33E-05
7813	625078.87	4265768.41	1.36E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.33E-05
7814	625079.03	4265758.48	1.36E-03	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.32E-05
7815	625079.19	4265748.55	1.36E-03	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04	4.32E-05
7816	625079.36	4265738.61	1.36E-03	4.68E-04	1.14E-03	3.51E-04	2.69E-04	8.97E-05	2.10E-04	4.32E-05
7817	625079.52	4265728.68	1.36E-03	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04	4.32E-05
7818	625079.69	4265718.75	1.36E-03	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04	4.32E-05
7819	625079.85	4265708.81	1.36E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.32E-05
7820	625080.01	4265698.88	1.36E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.33E-05
7821	625080.18	4265688.95	1.36E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.33E-05
7822	625080.34	4265679.01	1.36E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.33E-05
7823	625047.92	4266270.41	1.23E-03	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05
7824	625044.11	4266279.19	1.24E-03	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04	3.93E-05
7825	625040.3	4266287.98	1.25E-03	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.93E-04	3.96E-05
7826	625036.49	4266296.76	1.26E-03	4.32E-04	1.05E-03	3.24E-04	2.49E-04	8.28E-05	1.94E-04	3.99E-05
7827	625032.67	4266305.54	1.27E-03	4.35E-04	1.06E-03	3.26E-04	2.50E-04	8.34E-05	1.95E-04	4.02E-05
7828	625028.86	4266314.33	1.27E-03	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.39E-05	1.96E-04	4.04E-05
7829	625025.05	4266323.11	1.28E-03	4.40E-04	1.07E-03	3.30E-04	2.53E-04	8.43E-05	1.98E-04	4.06E-05
7830	625012.33	4266335.4	1.33E-03	4.56E-04	1.11E-03	3.42E-04	2.63E-04	8.74E-05	2.05E-04	4.21E-05
7831	624976.69	4266349.44	1.49E-03	5.13E-04	1.25E-03	3.84E-04	2.95E-04	9.83E-05	2.30E-04	4.73E-05
7832	624967.78	4266352.95	1.53E-03	5.27E-04	1.28E-03	3.95E-04	3.03E-04	1.01E-04	2.37E-04	4.86E-05
7833	624958.87	4266356.46	1.57E-03	5.41E-04	1.31E-03	4.05E-04	3.11E-04	1.04E-04	2.43E-04	4.99E-05
7834	624949.96	4266359.96	1.61E-03	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04	5.12E-05
7835	624941.06	4266363.47	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04	5.24E-05
7836	624932.15	4266366.98	1.69E-03	5.80E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04	5.35E-05
7837	624923.24	4266370.49	1.72E-03	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04	5.46E-05
7838	624860.87	4266395.05	1.90E-03	6.52E-04	1.58E-03	4.88E-04	3.75E-04	1.25E-04	2.92E-04	6.01E-05
7839	624851.97	4266398.56	1.91E-03	6.56E-04	1.59E-03	4.91E-04	3.78E-04	1.26E-04	2.94E-04	6.06E-05
7840	625097.65	4266146.29	1.08E-03	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04	3.42E-05

7841	625097.81	4266136.36	1.08E-03	3.72E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
7842	625097.98	4266126.43	1.08E-03	3.72E-04	9.05E-04	2.79E-04	2.14E-04	7.13E-05	1.67E-04	3.44E-05
7843	625098.14	4266116.49	1.09E-03	3.73E-04	9.07E-04	2.79E-04	2.15E-04	7.15E-05	1.67E-04	3.44E-05
7844	625098.3	4266106.56	1.09E-03	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.17E-05	1.68E-04	3.45E-05
7845	625098.47	4266096.63	1.09E-03	3.75E-04	9.11E-04	2.81E-04	2.16E-04	7.18E-05	1.68E-04	3.46E-05
7846	625098.63	4266086.69	1.09E-03	3.76E-04	9.14E-04	2.82E-04	2.16E-04	7.21E-05	1.69E-04	3.47E-05
7847	625098.79	4266076.76	1.10E-03	3.77E-04	9.17E-04	2.82E-04	2.17E-04	7.23E-05	1.69E-04	3.48E-05
7848	625098.96	4266066.83	1.10E-03	3.79E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
7849	625099.12	4266056.89	1.11E-03	3.80E-04	9.24E-04	2.85E-04	2.19E-04	7.28E-05	1.71E-04	3.51E-05
7850	625099.29	4266046.96	1.11E-03	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.31E-05	1.71E-04	3.52E-05
7851	625099.45	4266037.03	1.12E-03	3.83E-04	9.32E-04	2.87E-04	2.21E-04	7.35E-05	1.72E-04	3.54E-05
7852	625099.61	4266027.09	1.12E-03	3.85E-04	9.36E-04	2.88E-04	2.22E-04	7.38E-05	1.73E-04	3.56E-05
7853	625099.78	4266017.16	1.13E-03	3.87E-04	9.41E-04	2.90E-04	2.23E-04	7.42E-05	1.74E-04	3.57E-05
7854	625099.94	4266007.23	1.13E-03	3.89E-04	9.46E-04	2.91E-04	2.24E-04	7.46E-05	1.75E-04	3.59E-05
7855	625100.1	4265997.29	1.14E-03	3.92E-04	9.52E-04	2.93E-04	2.25E-04	7.50E-05	1.76E-04	3.61E-05
7856	625100.27	4265987.36	1.15E-03	3.94E-04	9.57E-04	2.95E-04	2.27E-04	7.54E-05	1.77E-04	3.63E-05
7857	625100.43	4265977.43	1.15E-03	3.96E-04	9.62E-04	2.96E-04	2.28E-04	7.59E-05	1.78E-04	3.65E-05
7858	625100.59	4265967.49	1.16E-03	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.79E-04	3.67E-05
7859	625100.76	4265957.56	1.16E-03	4.00E-04	9.72E-04	2.99E-04	2.30E-04	7.66E-05	1.79E-04	3.69E-05
7860	625100.92	4265947.63	1.17E-03	4.02E-04	9.77E-04	3.01E-04	2.31E-04	7.70E-05	1.80E-04	3.71E-05
7861	625101.08	4265937.69	1.17E-03	4.04E-04	9.82E-04	3.02E-04	2.33E-04	7.74E-05	1.81E-04	3.73E-05
7862	625101.25	4265927.76	1.18E-03	4.06E-04	9.86E-04	3.04E-04	2.34E-04	7.78E-05	1.82E-04	3.75E-05
7863	625101.41	4265917.83	1.19E-03	4.08E-04	9.91E-04	3.05E-04	2.35E-04	7.81E-05	1.83E-04	3.76E-05
7864	625101.57	4265907.89	1.19E-03	4.09E-04	9.95E-04	3.07E-04	2.36E-04	7.84E-05	1.84E-04	3.78E-05
7865	625101.74	4265897.96	1.20E-03	4.11E-04	9.99E-04	3.08E-04	2.37E-04	7.88E-05	1.84E-04	3.79E-05
7866	625101.9	4265888.03	1.20E-03	4.13E-04	1.00E-03	3.09E-04	2.38E-04	7.91E-05	1.85E-04	3.81E-05
7867	625102.07	4265878.09	1.21E-03	4.14E-04	1.01E-03	3.10E-04	2.39E-04	7.94E-05	1.86E-04	3.82E-05
7868	625102.23	4265868.16	1.21E-03	4.16E-04	1.01E-03	3.11E-04	2.39E-04	7.97E-05	1.87E-04	3.84E-05
7869	625102.39	4265858.23	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05
7870	625102.56	4265848.29	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04	3.86E-05
7871	625102.72	4265838.36	1.22E-03	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.02E-05	1.88E-04	3.87E-05
7872	625102.88	4265828.43	1.22E-03	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.04E-05	1.88E-04	3.87E-05
7873	625103.05	4265818.49	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
7874	625103.21	4265808.56	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04	3.88E-05
7875	625103.37	4265798.63	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04	3.88E-05
7876	625103.54	4265788.69	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04	3.88E-05
7877	625103.7	4265778.76	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
7878	625103.86	4265768.83	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
7879	625104.03	4265758.89	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
7880	625104.19	4265748.96	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04	3.87E-05
7881	625104.35	4265739.03	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04	3.88E-05
7882	625104.52	4265729.09	1.22E-03	4.20E-04	1.02E-03	3.15E-04	2.42E-04	8.05E-05	1.89E-04	3.88E-05
7883	625104.68	4265719.16	1.22E-03	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.06E-05	1.89E-04	3.88E-05
7884	625104.85	4265709.23	1.23E-03	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.07E-05	1.89E-04	3.89E-05
7885	625105.01	4265699.29	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
7886	625105.17	4265689.36	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.09E-05	1.89E-04	3.90E-05
7887	625105.34	4265679.43	1.23E-03	4.23E-04	1.03E-03	3.16E-04	2.43E-04	8.10E-05	1.90E-04	3.90E-05
7888	625046.23	4266332.31	1.17E-03	4.01E-04	9.74E-04	3.00E-04	2.31E-04	7.68E-05	1.80E-04	3.70E-05
7889	625042.42	4266341.09	1.17E-03	4.03E-04	9.79E-04	3.02E-04	2.32E-04	7.72E-05	1.81E-04	3.72E-05
7890	625029.7	4266353.38	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04	3.85E-05
7891	625020.79	4266356.89	1.25E-03	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.93E-04	3.96E-05
7892	625011.88	4266360.4	1.28E-03	4.41E-04	1.07E-03	3.31E-04	2.54E-04	8.46E-05	1.98E-04	4.07E-05
7893	625002.97	4266363.91	1.32E-03	4.54E-04	1.10E-03	3.40E-04	2.61E-04	8.70E-05	2.04E-04	4.19E-05

7894	624994.06	4266367.42	1.36E-03	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.93E-05	2.09E-04	4.30E-05
7895	624985.15	4266370.93	1.39E-03	4.79E-04	1.16E-03	3.58E-04	2.75E-04	9.17E-05	2.15E-04	4.42E-05
7896	624976.25	4266374.43	1.43E-03	4.91E-04	1.19E-03	3.67E-04	2.82E-04	9.40E-05	2.20E-04	4.53E-05
7897	624967.34	4266377.94	1.46E-03	5.03E-04	1.22E-03	3.76E-04	2.89E-04	9.63E-05	2.26E-04	4.64E-05
7898	624958.43	4266381.45	1.50E-03	5.14E-04	1.25E-03	3.85E-04	2.96E-04	9.85E-05	2.31E-04	4.75E-05
7899	624949.52	4266384.96	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04	4.85E-05
7900	624940.61	4266388.47	1.56E-03	5.36E-04	1.30E-03	4.01E-04	3.09E-04	1.03E-04	2.41E-04	4.95E-05
7901	624931.7	4266391.98	1.59E-03	5.46E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04	5.04E-05
7902	624922.79	4266395.49	1.62E-03	5.56E-04	1.35E-03	4.16E-04	3.20E-04	1.07E-04	2.50E-04	5.13E-05
7903	624913.88	4266399	1.64E-03	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.54E-04	5.21E-05
7904	624904.97	4266402.5	1.67E-03	5.73E-04	1.39E-03	4.29E-04	3.30E-04	1.10E-04	2.57E-04	5.29E-05
7905	624896.06	4266406.01	1.69E-03	5.81E-04	1.41E-03	4.35E-04	3.34E-04	1.11E-04	2.61E-04	5.36E-05
7906	624887.16	4266409.52	1.71E-03	5.87E-04	1.43E-03	4.40E-04	3.38E-04	1.12E-04	2.63E-04	5.42E-05
7907	624878.25	4266413.03	1.72E-03	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04	5.47E-05
7908	624869.34	4266416.54	1.74E-03	5.98E-04	1.45E-03	4.47E-04	3.44E-04	1.15E-04	2.68E-04	5.52E-05
7909	624860.43	4266420.05	1.75E-03	6.02E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04	5.55E-05
7910	624851.52	4266423.56	1.76E-03	6.05E-04	1.47E-03	4.53E-04	3.48E-04	1.16E-04	2.71E-04	5.58E-05
7911	625122.65	4266146.7	9.76E-04	3.36E-04	8.16E-04	2.51E-04	1.93E-04	6.43E-05	1.51E-04	3.10E-05
7912	625122.81	4266136.77	9.77E-04	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04	3.10E-05
7913	625122.97	4266126.84	9.78E-04	3.36E-04	8.18E-04	2.52E-04	1.94E-04	6.45E-05	1.51E-04	3.11E-05
7914	625123.14	4266116.9	9.80E-04	3.37E-04	8.19E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
7915	625123.3	4266106.97	9.81E-04	3.37E-04	8.20E-04	2.53E-04	1.94E-04	6.47E-05	1.51E-04	3.11E-05
7916	625123.46	4266097.04	9.83E-04	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04	3.12E-05
7917	625123.63	4266087.1	9.86E-04	3.39E-04	8.24E-04	2.54E-04	1.95E-04	6.49E-05	1.52E-04	3.13E-05
7918	625123.79	4266077.17	9.88E-04	3.40E-04	8.26E-04	2.54E-04	1.96E-04	6.51E-05	1.53E-04	3.14E-05
7919	625123.95	4266067.24	9.92E-04	3.41E-04	8.29E-04	2.55E-04	1.96E-04	6.53E-05	1.53E-04	3.15E-05
7920	625124.12	4266057.3	9.95E-04	3.42E-04	8.32E-04	2.56E-04	1.97E-04	6.56E-05	1.54E-04	3.16E-05
7921	625124.28	4266047.37	9.99E-04	3.44E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
7922	625124.45	4266037.44	1.00E-03	3.45E-04	8.39E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04	3.18E-05
7923	625124.61	4266027.5	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04	3.20E-05
7924	625124.77	4266017.57	1.01E-03	3.48E-04	8.47E-04	2.61E-04	2.00E-04	6.67E-05	1.56E-04	3.21E-05
7925	625124.94	4266007.64	1.02E-03	3.50E-04	8.51E-04	2.62E-04	2.02E-04	6.71E-05	1.57E-04	3.23E-05
7926	625125.1	4265997.7	1.02E-03	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04	3.25E-05
7927	625125.26	4265987.77	1.03E-03	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04	3.27E-05
7928	625125.43	4265977.84	1.04E-03	3.56E-04	8.66E-04	2.67E-04	2.05E-04	6.82E-05	1.60E-04	3.29E-05
7929	625125.59	4265967.9	1.04E-03	3.58E-04	8.70E-04	2.68E-04	2.06E-04	6.86E-05	1.61E-04	3.30E-05
7930	625125.75	4265957.97	1.05E-03	3.60E-04	8.75E-04	2.69E-04	2.07E-04	6.90E-05	1.61E-04	3.32E-05
7931	625125.92	4265948.04	1.05E-03	3.62E-04	8.79E-04	2.71E-04	2.08E-04	6.93E-05	1.62E-04	3.34E-05
7932	625126.08	4265938.1	1.06E-03	3.64E-04	8.84E-04	2.72E-04	2.09E-04	6.97E-05	1.63E-04	3.35E-05
7933	625126.24	4265928.17	1.06E-03	3.65E-04	8.88E-04	2.73E-04	2.10E-04	7.00E-05	1.64E-04	3.37E-05
7934	625126.41	4265918.24	1.07E-03	3.67E-04	8.92E-04	2.75E-04	2.11E-04	7.03E-05	1.65E-04	3.39E-05
7935	625126.57	4265908.3	1.07E-03	3.69E-04	8.96E-04	2.76E-04	2.12E-04	7.06E-05	1.65E-04	3.40E-05
7936	625126.73	4265898.37	1.08E-03	3.70E-04	9.00E-04	2.77E-04	2.13E-04	7.09E-05	1.66E-04	3.42E-05
7937	625126.9	4265888.44	1.08E-03	3.72E-04	9.04E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
7938	625127.06	4265878.5	1.09E-03	3.73E-04	9.07E-04	2.79E-04	2.15E-04	7.15E-05	1.67E-04	3.44E-05
7939	625127.23	4265868.57	1.09E-03	3.75E-04	9.11E-04	2.80E-04	2.16E-04	7.18E-05	1.68E-04	3.46E-05
7940	625127.39	4265858.64	1.09E-03	3.76E-04	9.13E-04	2.81E-04	2.16E-04	7.20E-05	1.69E-04	3.47E-05
7941	625127.55	4265848.7	1.10E-03	3.77E-04	9.15E-04	2.82E-04	2.17E-04	7.21E-05	1.69E-04	3.48E-05
7942	625127.72	4265838.77	1.10E-03	3.77E-04	9.17E-04	2.82E-04	2.17E-04	7.23E-05	1.69E-04	3.48E-05
7943	625127.88	4265828.84	1.10E-03	3.78E-04	9.18E-04	2.83E-04	2.17E-04	7.24E-05	1.70E-04	3.49E-05
7944	625128.04	4265818.9	1.10E-03	3.78E-04	9.19E-04	2.83E-04	2.18E-04	7.24E-05	1.70E-04	3.49E-05
7945	625128.21	4265808.97	1.10E-03	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
7946	625128.37	4265799.04	1.10E-03	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05

7947	625128.53	4265789.1	1.10E-03	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
7948	625128.7	4265779.17	1.10E-03	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
7949	625128.86	4265769.24	1.10E-03	3.79E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04	3.49E-05
7950	625129.02	4265759.3	1.10E-03	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.49E-05
7951	625129.19	4265749.37	1.10E-03	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04	3.50E-05
7952	625129.35	4265739.44	1.10E-03	3.79E-04	9.22E-04	2.84E-04	2.18E-04	7.27E-05	1.70E-04	3.50E-05
7953	625129.52	4265729.5	1.10E-03	3.80E-04	9.23E-04	2.84E-04	2.19E-04	7.28E-05	1.70E-04	3.51E-05
7954	625129.68	4265719.57	1.11E-03	3.80E-04	9.25E-04	2.85E-04	2.19E-04	7.29E-05	1.71E-04	3.51E-05
7955	625129.84	4265709.64	1.11E-03	3.81E-04	9.26E-04	2.85E-04	2.19E-04	7.30E-05	1.71E-04	3.52E-05
7956	625130.01	4265699.7	1.11E-03	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.32E-05	1.71E-04	3.52E-05
7957	625130.17	4265689.77	1.11E-03	3.82E-04	9.30E-04	2.86E-04	2.20E-04	7.33E-05	1.72E-04	3.53E-05
7958	625130.33	4265679.84	1.11E-03	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04	3.54E-05
7959	625047.07	4266371.36	1.11E-03	3.83E-04	9.30E-04	2.87E-04	2.20E-04	7.33E-05	1.72E-04	3.53E-05
7960	625038.16	4266374.87	1.14E-03	3.94E-04	9.57E-04	2.95E-04	2.27E-04	7.54E-05	1.77E-04	3.63E-05
7961	625029.25	4266378.38	1.18E-03	4.04E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.81E-04	3.73E-05
7962	625020.34	4266381.89	1.21E-03	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.96E-05	1.86E-04	3.83E-05
7963	625011.44	4266385.39	1.24E-03	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.17E-05	1.91E-04	3.93E-05
7964	625002.53	4266388.9	1.27E-03	4.37E-04	1.06E-03	3.27E-04	2.52E-04	8.37E-05	1.96E-04	4.03E-05
7965	624993.62	4266392.41	1.30E-03	4.48E-04	1.09E-03	3.35E-04	2.58E-04	8.58E-05	2.01E-04	4.13E-05
7966	624984.71	4266395.92	1.33E-03	4.58E-04	1.11E-03	3.43E-04	2.64E-04	8.78E-05	2.06E-04	4.23E-05
7967	624975.8	4266399.43	1.36E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.32E-05
7968	624966.89	4266402.94	1.39E-03	4.79E-04	1.16E-03	3.58E-04	2.75E-04	9.17E-05	2.15E-04	4.42E-05
7969	624957.98	4266406.45	1.42E-03	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.35E-05	2.19E-04	4.51E-05
7970	624949.07	4266409.96	1.45E-03	4.97E-04	1.21E-03	3.72E-04	2.86E-04	9.53E-05	2.23E-04	4.59E-05
7971	624940.16	4266413.47	1.47E-03	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.70E-05	2.27E-04	4.67E-05
7972	624931.25	4266416.97	1.50E-03	5.15E-04	1.25E-03	3.85E-04	2.96E-04	9.86E-05	2.31E-04	4.75E-05
7973	624922.35	4266420.48	1.52E-03	5.22E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.34E-04	4.82E-05
7974	624913.44	4266423.99	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.38E-04	4.89E-05
7975	624904.53	4266427.5	1.56E-03	5.36E-04	1.30E-03	4.01E-04	3.08E-04	1.03E-04	2.40E-04	4.94E-05
7976	624895.62	4266431.01	1.57E-03	5.41E-04	1.32E-03	4.05E-04	3.12E-04	1.04E-04	2.43E-04	5.00E-05
7977	624886.71	4266434.52	1.59E-03	5.46E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04	5.04E-05
7978	624877.8	4266438.03	1.60E-03	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04	5.08E-05
7979	624868.89	4266441.54	1.61E-03	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04	5.11E-05
7980	624859.98	4266445.04	1.62E-03	5.57E-04	1.35E-03	4.17E-04	3.21E-04	1.07E-04	2.50E-04	5.14E-05
7981	624851.07	4266448.55	1.63E-03	5.59E-04	1.36E-03	4.18E-04	3.22E-04	1.07E-04	2.51E-04	5.16E-05
7982	625147.64	4266147.12	8.88E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
7983	625147.81	4266137.18	8.89E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
7984	625147.97	4266127.25	8.90E-04	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
7985	625148.13	4266117.32	8.90E-04	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04	2.83E-05
7986	625148.3	4266107.38	8.92E-04	3.07E-04	7.45E-04	2.30E-04	1.76E-04	5.87E-05	1.38E-04	2.83E-05
7987	625148.46	4266097.45	8.93E-04	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
7988	625148.62	4266087.52	8.95E-04	3.08E-04	7.48E-04	2.30E-04	1.77E-04	5.90E-05	1.38E-04	2.84E-05
7989	625148.79	4266077.58	8.97E-04	3.08E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.38E-04	2.85E-05
7990	625148.95	4266067.65	9.00E-04	3.10E-04	7.52E-04	2.32E-04	1.78E-04	5.93E-05	1.39E-04	2.86E-05
7991	625149.11	4266057.72	9.03E-04	3.11E-04	7.55E-04	2.33E-04	1.79E-04	5.95E-05	1.39E-04	2.87E-05
7992	625149.28	4266047.78	9.07E-04	3.12E-04	7.58E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04	2.88E-05
7993	625149.44	4266037.85	9.11E-04	3.13E-04	7.61E-04	2.35E-04	1.80E-04	6.00E-05	1.41E-04	2.89E-05
7994	625149.61	4266027.92	9.15E-04	3.15E-04	7.65E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.90E-05
7995	625149.77	4266017.98	9.19E-04	3.16E-04	7.68E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04	2.92E-05
7996	625149.93	4266008.05	9.24E-04	3.18E-04	7.72E-04	2.38E-04	1.83E-04	6.09E-05	1.43E-04	2.93E-05
7997	625150.1	4265998.12	9.29E-04	3.19E-04	7.77E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
7998	625150.26	4265988.18	9.34E-04	3.21E-04	7.81E-04	2.41E-04	1.85E-04	6.15E-05	1.44E-04	2.96E-05
7999	625150.42	4265978.25	9.39E-04	3.23E-04	7.85E-04	2.42E-04	1.86E-04	6.19E-05	1.45E-04	2.98E-05

8000	625150.59	4265968.32	9.44E-04	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	3.00E-05
8001	625150.75	4265958.38	9.49E-04	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
8002	625150.91	4265948.45	9.54E-04	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.28E-05	1.47E-04	3.03E-05
8003	625151.08	4265938.52	9.59E-04	3.30E-04	8.01E-04	2.47E-04	1.90E-04	6.32E-05	1.48E-04	3.04E-05
8004	625151.24	4265928.58	9.63E-04	3.31E-04	8.05E-04	2.48E-04	1.91E-04	6.35E-05	1.49E-04	3.06E-05
8005	625151.4	4265918.65	9.68E-04	3.33E-04	8.09E-04	2.49E-04	1.92E-04	6.38E-05	1.49E-04	3.07E-05
8006	625151.57	4265908.72	9.73E-04	3.34E-04	8.13E-04	2.50E-04	1.93E-04	6.41E-05	1.50E-04	3.09E-05
8007	625151.73	4265898.78	9.77E-04	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04	3.10E-05
8008	625151.89	4265888.85	9.81E-04	3.37E-04	8.20E-04	2.53E-04	1.94E-04	6.46E-05	1.51E-04	3.11E-05
8009	625152.06	4265878.92	9.85E-04	3.39E-04	8.23E-04	2.53E-04	1.95E-04	6.49E-05	1.52E-04	3.12E-05
8010	625152.22	4265868.98	9.88E-04	3.40E-04	8.26E-04	2.54E-04	1.96E-04	6.51E-05	1.52E-04	3.13E-05
8011	625152.39	4265859.05	9.90E-04	3.41E-04	8.28E-04	2.55E-04	1.96E-04	6.53E-05	1.53E-04	3.14E-05
8012	625152.55	4265849.12	9.93E-04	3.41E-04	8.30E-04	2.56E-04	1.96E-04	6.54E-05	1.53E-04	3.15E-05
8013	625152.71	4265839.18	9.94E-04	3.42E-04	8.31E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04	3.16E-05
8014	625152.88	4265829.25	9.96E-04	3.42E-04	8.32E-04	2.56E-04	1.97E-04	6.56E-05	1.54E-04	3.16E-05
8015	625153.04	4265819.32	9.97E-04	3.43E-04	8.33E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.16E-05
8016	625153.2	4265809.38	9.97E-04	3.43E-04	8.34E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.16E-05
8017	625153.37	4265799.45	9.98E-04	3.43E-04	8.34E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04	3.17E-05
8018	625153.53	4265789.52	9.98E-04	3.43E-04	8.34E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
8019	625153.69	4265779.58	9.98E-04	3.43E-04	8.34E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
8020	625153.86	4265769.65	9.99E-04	3.43E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
8021	625154.02	4265759.72	1.00E-03	3.44E-04	8.36E-04	2.57E-04	1.98E-04	6.59E-05	1.54E-04	3.17E-05
8022	625154.18	4265749.78	1.00E-03	3.44E-04	8.37E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04	3.18E-05
8023	625154.35	4265739.85	1.00E-03	3.45E-04	8.38E-04	2.58E-04	1.98E-04	6.60E-05	1.55E-04	3.18E-05
8024	625154.51	4265729.92	1.00E-03	3.45E-04	8.39E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04	3.19E-05
8025	625154.68	4265719.98	1.01E-03	3.46E-04	8.41E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04	3.19E-05
8026	625154.84	4265710.05	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.20E-05
8027	625155	4265700.12	1.01E-03	3.48E-04	8.46E-04	2.60E-04	2.00E-04	6.67E-05	1.56E-04	3.21E-05
8028	625155.17	4265690.18	1.01E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.68E-05	1.56E-04	3.22E-05
8029	625155.33	4265680.25	1.02E-03	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04	3.23E-05
8030	625185.61	4266185.2	7.75E-04	2.66E-04	6.48E-04	2.00E-04	1.53E-04	5.11E-05	1.20E-04	2.46E-05
8031	625181.66	4266194.31	7.83E-04	2.69E-04	6.55E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.49E-05
8032	625177.7	4266203.42	7.92E-04	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
8033	625173.75	4266212.52	7.99E-04	2.75E-04	6.68E-04	2.06E-04	1.58E-04	5.27E-05	1.23E-04	2.54E-05
8034	625169.8	4266221.63	8.06E-04	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.31E-05	1.24E-04	2.56E-05
8035	625165.84	4266230.74	8.13E-04	2.80E-04	6.80E-04	2.09E-04	1.61E-04	5.36E-05	1.25E-04	2.58E-05
8036	625161.89	4266239.85	8.19E-04	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.26E-04	2.60E-05
8037	625157.94	4266248.96	8.25E-04	2.84E-04	6.90E-04	2.12E-04	1.63E-04	5.44E-05	1.27E-04	2.62E-05
8038	625153.98	4266258.07	8.31E-04	2.86E-04	6.95E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04	2.64E-05
8039	625150.03	4266267.18	8.36E-04	2.88E-04	6.99E-04	2.15E-04	1.66E-04	5.51E-05	1.29E-04	2.65E-05
8040	625146.08	4266276.29	8.42E-04	2.89E-04	7.04E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04	2.67E-05
8041	625142.12	4266285.39	8.48E-04	2.91E-04	7.09E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04	2.69E-05
8042	625106.54	4266367.37	9.06E-04	3.11E-04	7.57E-04	2.33E-04	1.79E-04	5.97E-05	1.40E-04	2.87E-05
8043	625102.59	4266376.48	9.12E-04	3.13E-04	7.62E-04	2.35E-04	1.80E-04	6.01E-05	1.41E-04	2.89E-05
8044	625098.63	4266385.59	9.17E-04	3.15E-04	7.67E-04	2.36E-04	1.82E-04	6.04E-05	1.42E-04	2.91E-05
8045	625094.68	4266394.7	9.22E-04	3.17E-04	7.71E-04	2.37E-04	1.83E-04	6.08E-05	1.42E-04	2.93E-05
8046	625081.49	4266407.45	9.52E-04	3.27E-04	7.96E-04	2.45E-04	1.88E-04	6.27E-05	1.47E-04	3.02E-05
8047	625072.25	4266411.08	9.78E-04	3.36E-04	8.17E-04	2.52E-04	1.94E-04	6.44E-05	1.51E-04	3.10E-05
8048	625063.01	4266414.72	1.00E-03	3.45E-04	8.39E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04	3.18E-05
8049	625053.77	4266418.36	1.03E-03	3.54E-04	8.60E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04	3.27E-05
8050	625044.53	4266422	1.06E-03	3.63E-04	8.82E-04	2.72E-04	2.09E-04	6.95E-05	1.63E-04	3.35E-05
8051	625035.29	4266425.64	1.08E-03	3.72E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
8052	625026.05	4266429.28	1.11E-03	3.80E-04	9.25E-04	2.85E-04	2.19E-04	7.29E-05	1.71E-04	3.51E-05

8053	625016.81	4266432.92	1.13E-03	3.89E-04	9.46E-04	2.91E-04	2.24E-04	7.45E-05	1.75E-04	3.59E-05
8054	625007.57	4266436.56	1.16E-03	3.97E-04	9.66E-04	2.98E-04	2.29E-04	7.62E-05	1.78E-04	3.67E-05
8055	624998.33	4266440.2	1.18E-03	4.06E-04	9.86E-04	3.04E-04	2.34E-04	7.77E-05	1.82E-04	3.74E-05
8056	624989.1	4266443.83	1.20E-03	4.14E-04	1.01E-03	3.10E-04	2.38E-04	7.93E-05	1.86E-04	3.82E-05
8057	624979.86	4266447.47	1.23E-03	4.21E-04	1.02E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04	3.89E-05
8058	624970.62	4266451.11	1.25E-03	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.92E-04	3.96E-05
8059	624961.38	4266454.75	1.27E-03	4.36E-04	1.06E-03	3.26E-04	2.51E-04	8.35E-05	1.96E-04	4.02E-05
8060	624952.14	4266458.39	1.29E-03	4.43E-04	1.08E-03	3.31E-04	2.55E-04	8.48E-05	1.99E-04	4.09E-05
8061	624942.9	4266462.03	1.31E-03	4.49E-04	1.09E-03	3.36E-04	2.58E-04	8.60E-05	2.01E-04	4.14E-05
8062	624933.66	4266465.67	1.32E-03	4.55E-04	1.11E-03	3.40E-04	2.62E-04	8.71E-05	2.04E-04	4.20E-05
8063	624924.42	4266469.31	1.34E-03	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04	4.24E-05
8064	624915.18	4266472.94	1.35E-03	4.65E-04	1.13E-03	3.48E-04	2.67E-04	8.90E-05	2.08E-04	4.29E-05
8065	624905.94	4266476.58	1.36E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04	4.33E-05
8066	624896.7	4266480.22	1.37E-03	4.72E-04	1.15E-03	3.54E-04	2.72E-04	9.05E-05	2.12E-04	4.36E-05
8067	624887.47	4266483.86	1.38E-03	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04	4.38E-05
8068	624878.23	4266487.5	1.39E-03	4.77E-04	1.16E-03	3.57E-04	2.75E-04	9.15E-05	2.14E-04	4.41E-05
8069	624868.99	4266491.14	1.39E-03	4.79E-04	1.16E-03	3.59E-04	2.76E-04	9.18E-05	2.15E-04	4.42E-05
8070	624859.75	4266494.78	1.40E-03	4.80E-04	1.17E-03	3.60E-04	2.77E-04	9.20E-05	2.16E-04	4.43E-05
8071	624850.51	4266498.42	1.40E-03	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.22E-05	2.16E-04	4.44E-05
8072	625197.64	4266147.94	7.48E-04	2.57E-04	6.25E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04	2.37E-05
8073	625197.8	4266138	7.48E-04	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04	2.38E-05
8074	625197.96	4266128.07	7.49E-04	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.16E-04	2.38E-05
8075	625198.13	4266118.14	7.49E-04	2.58E-04	6.26E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04	2.38E-05
8076	625198.29	4266108.2	7.50E-04	2.58E-04	6.27E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04	2.38E-05
8077	625198.45	4266098.27	7.51E-04	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
8078	625198.62	4266088.34	7.53E-04	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04	2.39E-05
8079	625198.78	4266078.4	7.55E-04	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.97E-05	1.17E-04	2.40E-05
8080	625198.94	4266068.47	7.57E-04	2.60E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.40E-05
8081	625199.11	4266058.54	7.60E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05
8082	625199.27	4266048.6	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
8083	625199.44	4266038.67	7.65E-04	2.63E-04	6.40E-04	1.97E-04	1.51E-04	5.04E-05	1.18E-04	2.43E-05
8084	625199.6	4266028.74	7.69E-04	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.19E-04	2.44E-05
8085	625199.76	4266018.8	7.72E-04	2.66E-04	6.45E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04	2.45E-05
8086	625199.93	4266008.87	7.76E-04	2.67E-04	6.48E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04	2.46E-05
8087	625200.09	4265998.94	7.80E-04	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04	2.47E-05
8088	625200.25	4265989	7.84E-04	2.69E-04	6.55E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04	2.49E-05
8089	625200.42	4265979.07	7.88E-04	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04	2.50E-05
8090	625200.58	4265969.14	7.92E-04	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
8091	625200.74	4265959.2	7.96E-04	2.74E-04	6.65E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.53E-05
8092	625200.91	4265949.27	8.00E-04	2.75E-04	6.69E-04	2.06E-04	1.58E-04	5.27E-05	1.23E-04	2.54E-05
8093	625201.07	4265939.34	8.04E-04	2.76E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
8094	625201.23	4265929.4	8.08E-04	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04	2.56E-05
8095	625201.4	4265919.47	8.12E-04	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04	2.58E-05
8096	625201.56	4265909.54	8.15E-04	2.80E-04	6.81E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04	2.59E-05
8097	625201.72	4265899.6	8.18E-04	2.81E-04	6.84E-04	2.11E-04	1.62E-04	5.39E-05	1.26E-04	2.60E-05
8098	625201.89	4265889.67	8.21E-04	2.82E-04	6.86E-04	2.11E-04	1.62E-04	5.41E-05	1.27E-04	2.61E-05
8099	625202.05	4265879.74	8.23E-04	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04	2.61E-05
8100	625202.22	4265869.8	8.25E-04	2.84E-04	6.90E-04	2.13E-04	1.63E-04	5.44E-05	1.27E-04	2.62E-05
8101	625202.38	4265859.87	8.27E-04	2.84E-04	6.91E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04	2.63E-05
8102	625202.54	4265849.94	8.29E-04	2.85E-04	6.93E-04	2.13E-04	1.64E-04	5.46E-05	1.28E-04	2.63E-05
8103	625202.71	4265840	8.30E-04	2.85E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04	2.63E-05
8104	625202.87	4265830.07	8.31E-04	2.86E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04	2.64E-05
8105	625203.03	4265820.14	8.32E-04	2.86E-04	6.95E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04	2.64E-05

8106	625203.2	4265810.2	8.32E-04	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04	2.64E-05
8107	625203.36	4265800.27	8.33E-04	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.49E-05	1.28E-04	2.64E-05
8108	625203.52	4265790.34	8.33E-04	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.49E-05	1.29E-04	2.64E-05
8109	625203.69	4265780.4	8.34E-04	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
8110	625203.85	4265770.47	8.35E-04	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
8111	625204.01	4265760.54	8.37E-04	2.88E-04	6.99E-04	2.15E-04	1.66E-04	5.51E-05	1.29E-04	2.66E-05
8112	625204.18	4265750.6	8.39E-04	2.88E-04	7.01E-04	2.16E-04	1.66E-04	5.53E-05	1.29E-04	2.66E-05
8113	625204.34	4265740.67	8.41E-04	2.89E-04	7.03E-04	2.16E-04	1.66E-04	5.54E-05	1.30E-04	2.67E-05
8114	625204.5	4265730.74	8.44E-04	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04	2.68E-05
8115	625204.67	4265720.8	8.46E-04	2.91E-04	7.08E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04	2.69E-05
8116	625204.83	4265710.87	8.49E-04	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.60E-05	1.31E-04	2.70E-05
8117	625205	4265700.94	8.52E-04	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04	2.70E-05
8118	625205.16	4265691	8.55E-04	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04	2.71E-05
8119	625205.32	4265681.07	8.57E-04	2.95E-04	7.17E-04	2.21E-04	1.70E-04	5.65E-05	1.32E-04	2.72E-05
8120	625235.66	4266185.89	6.64E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.11E-05
8121	625231.72	4266194.96	6.70E-04	2.30E-04	5.60E-04	1.73E-04	1.33E-04	4.41E-05	1.03E-04	2.13E-05
8122	625227.79	4266204.03	6.76E-04	2.33E-04	5.65E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
8123	625223.85	4266213.1	6.82E-04	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.49E-05	1.05E-04	2.16E-05
8124	625219.92	4266222.16	6.88E-04	2.37E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05
8125	625215.98	4266231.23	6.93E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
8126	625212.05	4266240.3	6.98E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05
8127	625208.11	4266249.36	7.03E-04	2.42E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
8128	625204.18	4266258.43	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
8129	625200.24	4266267.5	7.11E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.26E-05
8130	625196.31	4266276.56	7.15E-04	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04	2.27E-05
8131	625192.37	4266285.63	7.19E-04	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
8132	625156.95	4266367.23	7.66E-04	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.04E-05	1.18E-04	2.43E-05
8133	625153.02	4266376.3	7.71E-04	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04	2.45E-05
8134	625149.08	4266385.36	7.77E-04	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04	2.46E-05
8135	625145.15	4266394.43	7.82E-04	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04	2.48E-05
8136	625141.21	4266403.5	7.87E-04	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.21E-04	2.50E-05
8137	625137.27	4266412.56	7.92E-04	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
8138	625133.34	4266421.63	7.97E-04	2.74E-04	6.66E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04	2.53E-05
8139	625129.4	4266430.7	8.01E-04	2.75E-04	6.70E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04	2.54E-05
8140	625116.27	4266443.39	8.25E-04	2.84E-04	6.90E-04	2.12E-04	1.63E-04	5.44E-05	1.27E-04	2.62E-05
8141	625107.08	4266447.01	8.46E-04	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.31E-04	2.68E-05
8142	625097.88	4266450.63	8.66E-04	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04	2.75E-05
8143	625088.68	4266454.25	8.87E-04	3.05E-04	7.42E-04	2.28E-04	1.76E-04	5.85E-05	1.37E-04	2.82E-05
8144	625079.49	4266457.87	9.08E-04	3.12E-04	7.59E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04	2.88E-05
8145	625070.29	4266461.5	9.28E-04	3.19E-04	7.76E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04	2.95E-05
8146	625061.09	4266465.12	9.49E-04	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
8147	625051.9	4266468.74	9.69E-04	3.33E-04	8.10E-04	2.49E-04	1.92E-04	6.38E-05	1.50E-04	3.08E-05
8148	625042.7	4266472.36	9.89E-04	3.40E-04	8.27E-04	2.55E-04	1.96E-04	6.52E-05	1.53E-04	3.14E-05
8149	625033.5	4266475.98	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04	3.20E-05
8150	625024.31	4266479.61	1.03E-03	3.53E-04	8.59E-04	2.64E-04	2.03E-04	6.77E-05	1.59E-04	3.26E-05
8151	625015.11	4266483.23	1.05E-03	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04	3.32E-05
8152	625005.91	4266486.85	1.06E-03	3.66E-04	8.89E-04	2.74E-04	2.11E-04	7.01E-05	1.64E-04	3.38E-05
8153	624996.72	4266490.47	1.08E-03	3.72E-04	9.04E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04	3.43E-05
8154	624987.52	4266494.09	1.10E-03	3.78E-04	9.18E-04	2.83E-04	2.17E-04	7.23E-05	1.69E-04	3.48E-05
8155	624978.32	4266497.72	1.11E-03	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04	3.53E-05
8156	624969.13	4266501.34	1.13E-03	3.88E-04	9.43E-04	2.91E-04	2.23E-04	7.44E-05	1.74E-04	3.58E-05
8157	624959.93	4266504.96	1.14E-03	3.93E-04	9.55E-04	2.94E-04	2.26E-04	7.53E-05	1.76E-04	3.63E-05
8158	624950.74	4266508.58	1.16E-03	3.97E-04	9.66E-04	2.97E-04	2.29E-04	7.61E-05	1.78E-04	3.67E-05

8159	624941.54	4266512.2	1.17E-03	4.01E-04	9.75E-04	3.00E-04	2.31E-04	7.69E-05	1.80E-04	3.70E-05
8160	624932.34	4266515.83	1.18E-03	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04	3.74E-05
8161	624923.15	4266519.45	1.19E-03	4.08E-04	9.92E-04	3.06E-04	2.35E-04	7.82E-05	1.83E-04	3.77E-05
8162	624913.95	4266523.07	1.19E-03	4.11E-04	9.99E-04	3.08E-04	2.36E-04	7.87E-05	1.84E-04	3.79E-05
8163	624904.75	4266526.69	1.20E-03	4.13E-04	1.00E-03	3.09E-04	2.38E-04	7.91E-05	1.85E-04	3.81E-05
8164	624895.56	4266530.31	1.21E-03	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04	3.83E-05
8165	624886.36	4266533.94	1.21E-03	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04	3.84E-05
8166	624877.16	4266537.56	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	8.00E-05	1.87E-04	3.85E-05
8167	624867.97	4266541.18	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04	3.86E-05
8168	624858.77	4266544.8	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04	3.86E-05
8169	624849.57	4266548.42	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04	3.86E-05
8170	625247.63	4266148.76	6.44E-04	2.21E-04	5.38E-04	1.66E-04	1.27E-04	4.24E-05	9.93E-05	2.04E-05
8171	625247.79	4266138.83	6.44E-04	2.21E-04	5.38E-04	1.66E-04	1.27E-04	4.24E-05	9.94E-05	2.04E-05
8172	625247.96	4266128.89	6.44E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.94E-05	2.04E-05
8173	625248.12	4266118.96	6.45E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05	2.05E-05
8174	625248.28	4266109.03	6.45E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.96E-05	2.05E-05
8175	625248.45	4266099.09	6.46E-04	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.26E-05	9.97E-05	2.05E-05
8176	625248.61	4266089.16	6.47E-04	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05	2.05E-05
8177	625248.77	4266079.23	6.48E-04	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04	2.06E-05
8178	625248.94	4266069.29	6.50E-04	2.24E-04	5.43E-04	1.67E-04	1.29E-04	4.28E-05	1.00E-04	2.06E-05
8179	625249.1	4266059.36	6.52E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04	2.07E-05
8180	625249.26	4266049.43	6.54E-04	2.25E-04	5.47E-04	1.68E-04	1.29E-04	4.31E-05	1.01E-04	2.08E-05
8181	625249.43	4266039.49	6.57E-04	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04	2.08E-05
8182	625249.59	4266029.56	6.60E-04	2.27E-04	5.51E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
8183	625249.76	4266019.63	6.63E-04	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04	2.10E-05
8184	625249.92	4266009.69	6.66E-04	2.29E-04	5.57E-04	1.71E-04	1.32E-04	4.39E-05	1.03E-04	2.11E-05
8185	625250.08	4265999.76	6.69E-04	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.41E-05	1.03E-04	2.12E-05
8186	625250.25	4265989.83	6.72E-04	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.13E-05
8187	625250.41	4265979.89	6.75E-04	2.32E-04	5.64E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04	2.14E-05
8188	625250.57	4265969.96	6.79E-04	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
8189	625250.74	4265960.03	6.82E-04	2.34E-04	5.70E-04	1.75E-04	1.35E-04	4.49E-05	1.05E-04	2.16E-05
8190	625250.9	4265950.09	6.85E-04	2.35E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
8191	625251.06	4265940.16	6.88E-04	2.36E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05
8192	625251.23	4265930.23	6.90E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
8193	625251.39	4265920.29	6.93E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.57E-05	1.07E-04	2.20E-05
8194	625251.55	4265910.36	6.95E-04	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04	2.21E-05
8195	625251.72	4265900.43	6.97E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.59E-05	1.08E-04	2.21E-05
8196	625251.88	4265890.49	6.99E-04	2.40E-04	5.85E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04	2.22E-05
8197	625252.04	4265880.56	7.01E-04	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
8198	625252.21	4265870.63	7.02E-04	2.42E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04	2.23E-05
8199	625252.37	4265860.69	7.03E-04	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.09E-04	2.23E-05
8200	625252.54	4265850.76	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
8201	625252.7	4265840.83	7.05E-04	2.42E-04	5.89E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
8202	625252.86	4265830.89	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04	2.24E-05
8203	625253.03	4265820.96	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
8204	625253.19	4265811.03	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.25E-05
8205	625253.35	4265801.09	7.08E-04	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
8206	625253.52	4265791.16	7.09E-04	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04	2.25E-05
8207	625253.68	4265781.23	7.10E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04	2.25E-05
8208	625253.84	4265771.29	7.11E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
8209	625254.01	4265761.36	7.13E-04	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04	2.26E-05
8210	625254.17	4265751.43	7.15E-04	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04	2.27E-05
8211	625254.33	4265741.49	7.17E-04	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04	2.28E-05

8212	625254.5	4265731.56	7.20E-04	2.48E-04	6.02E-04	1.85E-04	1.43E-04	4.74E-05	1.11E-04	2.29E-05
8213	625254.66	4265721.63	7.23E-04	2.49E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.12E-04	2.29E-05
8214	625254.83	4265711.69	7.26E-04	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
8215	625254.99	4265701.76	7.29E-04	2.51E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04	2.31E-05
8216	625255.15	4265691.83	7.32E-04	2.52E-04	6.12E-04	1.88E-04	1.45E-04	4.82E-05	1.13E-04	2.32E-05
8217	625255.32	4265681.89	7.34E-04	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04	2.33E-05
8218	625285.69	4266186.62	5.79E-04	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05	1.84E-05
8219	625281.77	4266195.66	5.83E-04	2.01E-04	4.88E-04	1.50E-04	1.15E-04	3.84E-05	9.00E-05	1.85E-05
8220	625277.85	4266204.69	5.88E-04	2.02E-04	4.92E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.87E-05
8221	625273.93	4266213.72	5.93E-04	2.04E-04	4.95E-04	1.53E-04	1.17E-04	3.90E-05	9.14E-05	1.88E-05
8222	625270.01	4266222.76	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05	1.89E-05
8223	625266.09	4266231.79	6.01E-04	2.07E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.27E-05	1.91E-05
8224	625262.17	4266240.83	6.04E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.33E-05	1.92E-05
8225	625258.25	4266249.86	6.08E-04	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05	1.93E-05
8226	625254.32	4266258.9	6.11E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05	1.94E-05
8227	625250.4	4266267.93	6.14E-04	2.11E-04	5.13E-04	1.58E-04	1.22E-04	4.04E-05	9.47E-05	1.95E-05
8228	625246.48	4266276.96	6.17E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.52E-05	1.96E-05
8229	625242.56	4266286	6.19E-04	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
8230	625207.27	4266367.31	6.55E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
8231	625203.35	4266376.34	6.60E-04	2.27E-04	5.51E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.09E-05
8232	625199.43	4266385.38	6.65E-04	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.38E-05	1.03E-04	2.11E-05
8233	625195.5	4266394.41	6.69E-04	2.30E-04	5.60E-04	1.72E-04	1.33E-04	4.41E-05	1.03E-04	2.12E-05
8234	625191.58	4266403.45	6.74E-04	2.32E-04	5.64E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
8235	625187.66	4266412.48	6.79E-04	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.16E-05
8236	625183.74	4266421.51	6.84E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.50E-05	1.06E-04	2.17E-05
8237	625179.82	4266430.55	6.88E-04	2.37E-04	5.75E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.18E-05
8238	625175.9	4266439.58	6.93E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
8239	625171.98	4266448.62	6.97E-04	2.40E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.08E-04	2.21E-05
8240	625168.05	4266457.65	7.01E-04	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
8241	625164.13	4266466.69	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04	2.24E-05
8242	625151.05	4266479.33	7.24E-04	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04	2.30E-05
8243	625141.88	4266482.94	7.41E-04	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04	2.35E-05
8244	625132.72	4266486.55	7.58E-04	2.61E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.40E-05
8245	625123.56	4266490.16	7.75E-04	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.20E-04	2.46E-05
8246	625114.39	4266493.77	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04	2.51E-05
8247	625105.23	4266497.38	8.08E-04	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
8248	625096.07	4266500.98	8.25E-04	2.84E-04	6.90E-04	2.12E-04	1.63E-04	5.44E-05	1.27E-04	2.62E-05
8249	625086.9	4266504.59	8.42E-04	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04	2.67E-05
8250	625077.74	4266508.2	8.58E-04	2.95E-04	7.17E-04	2.21E-04	1.70E-04	5.65E-05	1.32E-04	2.72E-05
8251	625068.58	4266511.81	8.74E-04	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04	2.77E-05
8252	625059.41	4266515.42	8.90E-04	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04	2.82E-05
8253	625050.25	4266519.03	9.05E-04	3.11E-04	7.56E-04	2.33E-04	1.79E-04	5.96E-05	1.40E-04	2.87E-05
8254	625041.08	4266522.64	9.20E-04	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04	2.92E-05
8255	625031.92	4266526.25	9.35E-04	3.21E-04	7.81E-04	2.41E-04	1.85E-04	6.16E-05	1.44E-04	2.97E-05
8256	625022.76	4266529.86	9.49E-04	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04	3.01E-05
8257	625013.59	4266533.47	9.62E-04	3.31E-04	8.04E-04	2.48E-04	1.90E-04	6.34E-05	1.48E-04	3.05E-05
8258	625004.43	4266537.08	9.75E-04	3.35E-04	8.15E-04	2.51E-04	1.93E-04	6.43E-05	1.50E-04	3.09E-05
8259	624995.27	4266540.68	9.88E-04	3.40E-04	8.25E-04	2.54E-04	1.95E-04	6.51E-05	1.52E-04	3.13E-05
8260	624986.1	4266544.29	9.99E-04	3.44E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04	3.17E-05
8261	624976.94	4266547.9	1.01E-03	3.47E-04	8.44E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04	3.21E-05
8262	624967.78	4266551.51	1.02E-03	3.51E-04	8.52E-04	2.63E-04	2.02E-04	6.72E-05	1.57E-04	3.24E-05
8263	624958.61	4266555.12	1.03E-03	3.54E-04	8.60E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04	3.27E-05
8264	624949.45	4266558.73	1.04E-03	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04	3.29E-05

8265	624940.28	4266562.34	1.04E-03	3.59E-04	8.73E-04	2.69E-04	2.07E-04	6.88E-05	1.61E-04	3.31E-05
8266	624931.12	4266565.95	1.05E-03	3.61E-04	8.78E-04	2.71E-04	2.08E-04	6.92E-05	1.62E-04	3.33E-05
8267	624921.96	4266569.56	1.06E-03	3.63E-04	8.83E-04	2.72E-04	2.09E-04	6.96E-05	1.63E-04	3.35E-05
8268	624912.79	4266573.17	1.06E-03	3.65E-04	8.86E-04	2.73E-04	2.10E-04	6.99E-05	1.64E-04	3.36E-05
8269	624903.63	4266576.77	1.06E-03	3.66E-04	8.89E-04	2.74E-04	2.11E-04	7.01E-05	1.64E-04	3.38E-05
8270	624894.47	4266580.38	1.07E-03	3.67E-04	8.91E-04	2.74E-04	2.11E-04	7.02E-05	1.64E-04	3.38E-05
8271	624885.3	4266583.99	1.07E-03	3.67E-04	8.92E-04	2.75E-04	2.11E-04	7.03E-05	1.65E-04	3.39E-05
8272	624876.14	4266587.6	1.07E-03	3.67E-04	8.93E-04	2.75E-04	2.11E-04	7.04E-05	1.65E-04	3.39E-05
8273	624866.98	4266591.21	1.07E-03	3.67E-04	8.93E-04	2.75E-04	2.11E-04	7.04E-05	1.65E-04	3.39E-05
8274	624857.81	4266594.82	1.07E-03	3.67E-04	8.92E-04	2.75E-04	2.11E-04	7.03E-05	1.65E-04	3.39E-05
8275	624848.65	4266598.43	1.07E-03	3.66E-04	8.91E-04	2.74E-04	2.11E-04	7.02E-05	1.64E-04	3.38E-05
8276	625297.62	4266149.58	5.63E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05	1.79E-05
8277	625297.79	4266139.65	5.63E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05	1.79E-05
8278	625297.95	4266129.72	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
8279	625298.11	4266119.78	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05	1.79E-05
8280	625298.28	4266109.85	5.64E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05	1.79E-05
8281	625298.44	4266099.92	5.65E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.72E-05	1.79E-05
8282	625298.6	4266089.98	5.66E-04	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05	1.80E-05
8283	625298.77	4266080.05	5.67E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05	1.80E-05
8284	625298.93	4266070.12	5.68E-04	1.95E-04	4.75E-04	1.46E-04	1.13E-04	3.74E-05	8.77E-05	1.80E-05
8285	625299.09	4266060.18	5.70E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05	1.81E-05
8286	625299.26	4266050.25	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05	1.82E-05
8287	625299.42	4266040.32	5.74E-04	1.97E-04	4.80E-04	1.48E-04	1.14E-04	3.78E-05	8.86E-05	1.82E-05
8288	625299.59	4266030.38	5.76E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.80E-05	8.89E-05	1.83E-05
8289	625299.75	4266020.45	5.78E-04	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.81E-05	8.92E-05	1.84E-05
8290	625299.91	4266010.52	5.81E-04	2.00E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.96E-05	1.84E-05
8291	625300.08	4266000.58	5.83E-04	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05	1.85E-05
8292	625300.24	4265990.65	5.85E-04	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.86E-05	9.03E-05	1.86E-05
8293	625300.4	4265980.72	5.88E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05	1.87E-05
8294	625300.57	4265970.78	5.90E-04	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.89E-05	9.10E-05	1.87E-05
8295	625300.73	4265960.85	5.92E-04	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.14E-05	1.88E-05
8296	625300.89	4265950.92	5.95E-04	2.04E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.17E-05	1.89E-05
8297	625301.06	4265940.98	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05	1.89E-05
8298	625301.22	4265931.05	5.99E-04	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.24E-05	1.90E-05
8299	625301.38	4265921.12	6.01E-04	2.07E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.27E-05	1.91E-05
8300	625301.55	4265911.18	6.02E-04	2.07E-04	5.04E-04	1.55E-04	1.19E-04	3.97E-05	9.30E-05	1.91E-05
8301	625301.71	4265901.25	6.04E-04	2.08E-04	5.05E-04	1.55E-04	1.20E-04	3.98E-05	9.32E-05	1.92E-05
8302	625301.87	4265891.32	6.05E-04	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.34E-05	1.92E-05
8303	625302.04	4265881.38	6.06E-04	2.08E-04	5.07E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05	1.92E-05
8304	625302.2	4265871.45	6.07E-04	2.09E-04	5.07E-04	1.56E-04	1.20E-04	4.00E-05	9.37E-05	1.93E-05
8305	625302.37	4265861.52	6.08E-04	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05	1.93E-05
8306	625302.53	4265851.58	6.08E-04	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05	1.93E-05
8307	625302.69	4265841.65	6.09E-04	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05	1.93E-05
8308	625302.86	4265831.72	6.09E-04	2.09E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.39E-05	1.93E-05
8309	625303.02	4265821.78	6.09E-04	2.09E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.40E-05	1.93E-05
8310	625303.18	4265811.85	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.41E-05	1.93E-05
8311	625303.35	4265801.92	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
8312	625303.51	4265791.98	6.11E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05	1.94E-05
8313	625303.67	4265782.05	6.12E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.03E-05	9.45E-05	1.94E-05
8314	625303.84	4265772.12	6.14E-04	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
8315	625304	4265762.18	6.15E-04	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.06E-05	9.50E-05	1.95E-05
8316	625304.16	4265752.25	6.18E-04	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.07E-05	9.53E-05	1.96E-05
8317	625304.33	4265742.32	6.20E-04	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05

8318	625304.49	4265732.38	6.23E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05	1.98E-05
8319	625304.65	4265722.45	6.26E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.99E-05
8320	625304.82	4265712.52	6.29E-04	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05	1.99E-05
8321	625304.98	4265702.58	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05	2.00E-05
8322	625305.15	4265692.65	6.35E-04	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05	2.01E-05
8323	625305.31	4265682.72	6.37E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05	2.02E-05
8324	625335.72	4266187.37	5.12E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05	1.62E-05
8325	625331.81	4266196.38	5.15E-04	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.95E-05	1.64E-05
8326	625327.9	4266205.38	5.19E-04	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
8327	625323.99	4266214.39	5.23E-04	1.80E-04	4.37E-04	1.35E-04	1.03E-04	3.44E-05	8.06E-05	1.66E-05
8328	625320.08	4266223.4	5.26E-04	1.81E-04	4.40E-04	1.35E-04	1.04E-04	3.46E-05	8.11E-05	1.67E-05
8329	625316.17	4266232.41	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05	1.68E-05
8330	625312.26	4266241.42	5.32E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
8331	625308.35	4266250.43	5.34E-04	1.84E-04	4.46E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05	1.70E-05
8332	625304.44	4266259.44	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.28E-05	1.70E-05
8333	625300.53	4266268.44	5.38E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.30E-05	1.71E-05
8334	625296.62	4266277.45	5.40E-04	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05	1.71E-05
8335	625292.71	4266286.46	5.42E-04	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.36E-05	1.72E-05
8336	625257.52	4266367.54	5.67E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05	1.80E-05
8337	625253.61	4266376.55	5.71E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.81E-05	1.81E-05
8338	625249.7	4266385.56	5.75E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.82E-05
8339	625245.79	4266394.57	5.79E-04	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05	1.84E-05
8340	625241.88	4266403.57	5.83E-04	2.01E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	9.00E-05	1.85E-05
8341	625237.97	4266412.58	5.87E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.06E-05	1.86E-05
8342	625234.06	4266421.59	5.92E-04	2.03E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05	1.88E-05
8343	625230.15	4266430.6	5.96E-04	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.93E-05	9.19E-05	1.89E-05
8344	625226.24	4266439.61	6.00E-04	2.06E-04	5.02E-04	1.54E-04	1.19E-04	3.95E-05	9.26E-05	1.90E-05
8345	625222.33	4266448.62	6.04E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.32E-05	1.92E-05
8346	625218.42	4266457.63	6.08E-04	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05	1.93E-05
8347	625214.51	4266466.63	6.12E-04	2.10E-04	5.12E-04	1.58E-04	1.21E-04	4.03E-05	9.44E-05	1.94E-05
8348	625210.6	4266475.64	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.50E-05	1.95E-05
8349	625206.69	4266484.65	6.19E-04	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05	1.97E-05
8350	625202.78	4266493.66	6.23E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05	1.98E-05
8351	625198.87	4266502.67	6.26E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.99E-05
8352	625185.82	4266515.28	6.42E-04	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.91E-05	2.04E-05
8353	625176.68	4266518.88	6.56E-04	2.26E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
8354	625167.54	4266522.47	6.70E-04	2.30E-04	5.60E-04	1.72E-04	1.33E-04	4.41E-05	1.03E-04	2.13E-05
8355	625158.4	4266526.07	6.84E-04	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.06E-04	2.17E-05
8356	625149.27	4266529.67	6.98E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04	2.21E-05
8357	625140.13	4266533.27	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
8358	625130.99	4266536.87	7.25E-04	2.49E-04	6.06E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
8359	625121.85	4266540.47	7.39E-04	2.54E-04	6.18E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04	2.35E-05
8360	625112.72	4266544.07	7.53E-04	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04	2.39E-05
8361	625103.58	4266547.67	7.66E-04	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04	2.43E-05
8362	625094.44	4266551.26	7.79E-04	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
8363	625085.3	4266554.86	7.92E-04	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04	2.51E-05
8364	625076.17	4266558.46	8.05E-04	2.77E-04	6.73E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04	2.55E-05
8365	625067.03	4266562.06	8.17E-04	2.81E-04	6.83E-04	2.10E-04	1.62E-04	5.38E-05	1.26E-04	2.59E-05
8366	625057.89	4266565.66	8.29E-04	2.85E-04	6.93E-04	2.13E-04	1.64E-04	5.46E-05	1.28E-04	2.63E-05
8367	625048.75	4266569.26	8.41E-04	2.89E-04	7.03E-04	2.16E-04	1.66E-04	5.54E-05	1.30E-04	2.67E-05
8368	625039.62	4266572.86	8.52E-04	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04	2.70E-05
8369	625030.48	4266576.46	8.63E-04	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04	2.74E-05
8370	625021.34	4266580.05	8.73E-04	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04	2.77E-05

8371	625012.2	4266583.65	8.83E-04	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04	2.80E-05
8372	625003.07	4266587.25	8.92E-04	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04	2.83E-05
8373	624993.93	4266590.85	9.00E-04	3.10E-04	7.53E-04	2.32E-04	1.78E-04	5.93E-05	1.39E-04	2.86E-05
8374	624984.79	4266594.45	9.08E-04	3.12E-04	7.59E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04	2.88E-05
8375	624975.65	4266598.05	9.15E-04	3.15E-04	7.65E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04	2.91E-05
8376	624966.52	4266601.65	9.22E-04	3.17E-04	7.71E-04	2.37E-04	1.82E-04	6.07E-05	1.42E-04	2.93E-05
8377	624957.38	4266605.25	9.28E-04	3.19E-04	7.75E-04	2.39E-04	1.84E-04	6.11E-05	1.43E-04	2.94E-05
8378	624948.24	4266608.84	9.33E-04	3.21E-04	7.80E-04	2.40E-04	1.85E-04	6.15E-05	1.44E-04	2.96E-05
8379	624939.1	4266612.44	9.37E-04	3.22E-04	7.83E-04	2.41E-04	1.85E-04	6.17E-05	1.45E-04	2.97E-05
8380	624929.97	4266616.04	9.40E-04	3.23E-04	7.86E-04	2.42E-04	1.86E-04	6.20E-05	1.45E-04	2.98E-05
8381	624920.83	4266619.64	9.43E-04	3.24E-04	7.88E-04	2.43E-04	1.87E-04	6.21E-05	1.46E-04	2.99E-05
8382	624911.69	4266623.24	9.45E-04	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.23E-05	1.46E-04	3.00E-05
8383	624902.55	4266626.84	9.46E-04	3.25E-04	7.91E-04	2.44E-04	1.87E-04	6.24E-05	1.46E-04	3.00E-05
8384	624893.42	4266630.44	9.47E-04	3.26E-04	7.92E-04	2.44E-04	1.87E-04	6.24E-05	1.46E-04	3.01E-05
8385	624884.28	4266634.04	9.47E-04	3.26E-04	7.91E-04	2.44E-04	1.87E-04	6.24E-05	1.46E-04	3.01E-05
8386	624875.14	4266637.64	9.46E-04	3.25E-04	7.91E-04	2.44E-04	1.87E-04	6.23E-05	1.46E-04	3.00E-05
8387	624866	4266641.23	9.45E-04	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04	3.00E-05
8388	624856.87	4266644.83	9.43E-04	3.24E-04	7.88E-04	2.43E-04	1.87E-04	6.21E-05	1.45E-04	2.99E-05
8389	624847.73	4266648.43	9.41E-04	3.23E-04	7.86E-04	2.42E-04	1.86E-04	6.20E-05	1.45E-04	2.98E-05
8390	625347.62	4266150.41	5.00E-04	1.72E-04	4.18E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05	1.59E-05
8391	625347.78	4266140.47	5.00E-04	1.72E-04	4.18E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05	1.59E-05
8392	625347.94	4266130.54	5.00E-04	1.72E-04	4.18E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05	1.59E-05
8393	625348.11	4266120.61	5.00E-04	1.72E-04	4.18E-04	1.29E-04	9.90E-05	3.30E-05	7.72E-05	1.59E-05
8394	625348.27	4266110.67	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05	1.59E-05
8395	625348.43	4266100.74	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.74E-05	1.59E-05
8396	625348.6	4266090.81	5.02E-04	1.73E-04	4.20E-04	1.29E-04	9.94E-05	3.31E-05	7.75E-05	1.59E-05
8397	625348.76	4266080.87	5.03E-04	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.76E-05	1.60E-05
8398	625348.92	4266070.94	5.04E-04	1.73E-04	4.21E-04	1.30E-04	9.97E-05	3.32E-05	7.77E-05	1.60E-05
8399	625349.09	4266061.01	5.05E-04	1.74E-04	4.22E-04	1.30E-04	9.99E-05	3.33E-05	7.79E-05	1.60E-05
8400	625349.25	4266051.07	5.06E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.81E-05	1.61E-05
8401	625349.41	4266041.14	5.08E-04	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05	1.61E-05
8402	625349.58	4266031.21	5.09E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.35E-05	7.86E-05	1.62E-05
8403	625349.74	4266021.27	5.11E-04	1.76E-04	4.27E-04	1.32E-04	1.01E-04	3.37E-05	7.88E-05	1.62E-05
8404	625349.91	4266011.34	5.13E-04	1.76E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.91E-05	1.63E-05
8405	625350.07	4266001.41	5.15E-04	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05	1.63E-05
8406	625350.23	4265991.47	5.17E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
8407	625350.4	4265981.54	5.19E-04	1.78E-04	4.33E-04	1.34E-04	1.03E-04	3.42E-05	8.00E-05	1.65E-05
8408	625350.56	4265971.61	5.20E-04	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
8409	625350.72	4265961.67	5.22E-04	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.44E-05	8.05E-05	1.66E-05
8410	625350.89	4265951.74	5.23E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
8411	625351.05	4265941.81	5.25E-04	1.80E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05
8412	625351.21	4265931.87	5.26E-04	1.81E-04	4.40E-04	1.35E-04	1.04E-04	3.47E-05	8.12E-05	1.67E-05
8413	625351.38	4265921.94	5.27E-04	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.14E-05	1.67E-05
8414	625351.54	4265912.01	5.28E-04	1.82E-04	4.41E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05	1.68E-05
8415	625351.7	4265902.07	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.16E-05	1.68E-05
8416	625351.87	4265892.14	5.30E-04	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
8417	625352.03	4265882.21	5.30E-04	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
8418	625352.19	4265872.27	5.30E-04	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
8419	625352.36	4265862.34	5.31E-04	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
8420	625352.52	4265852.41	5.31E-04	1.82E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
8421	625352.69	4265842.47	5.31E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
8422	625352.85	4265832.54	5.31E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
8423	625353.01	4265822.61	5.31E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05

8424	625353.18	4265812.67	5.32E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
8425	625353.34	4265802.74	5.32E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.21E-05	1.69E-05
8426	625353.5	4265792.81	5.33E-04	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05	1.69E-05
8427	625353.67	4265782.87	5.34E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05	1.70E-05
8428	625353.83	4265772.94	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05	1.70E-05
8429	625353.99	4265763.01	5.38E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.71E-05
8430	625354.16	4265753.07	5.40E-04	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05	1.71E-05
8431	625354.32	4265743.14	5.42E-04	1.86E-04	4.53E-04	1.40E-04	1.07E-04	3.57E-05	8.36E-05	1.72E-05
8432	625354.48	4265733.21	5.45E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.40E-05	1.73E-05
8433	625354.65	4265723.27	5.47E-04	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.45E-05	1.74E-05
8434	625354.81	4265713.34	5.50E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.63E-05	8.49E-05	1.75E-05
8435	625354.98	4265703.41	5.53E-04	1.90E-04	4.63E-04	1.42E-04	1.10E-04	3.65E-05	8.54E-05	1.76E-05
8436	625355.14	4265693.47	5.56E-04	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.59E-05	1.77E-05
8437	625355.3	4265683.54	5.59E-04	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05	1.78E-05
8438	625385.74	4266188.13	4.59E-04	1.58E-04	3.83E-04	1.18E-04	9.08E-05	3.02E-05	7.08E-05	1.46E-05
8439	625381.84	4266197.11	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05	1.47E-05
8440	625377.94	4266206.1	4.65E-04	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.47E-05
8441	625374.04	4266215.09	4.67E-04	1.61E-04	3.90E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05	1.48E-05
8442	625370.14	4266224.08	4.70E-04	1.61E-04	3.92E-04	1.21E-04	9.29E-05	3.09E-05	7.24E-05	1.49E-05
8443	625366.24	4266233.07	4.72E-04	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05	1.50E-05
8444	625362.34	4266242.05	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05	1.50E-05
8445	625358.43	4266251.04	4.76E-04	1.64E-04	3.98E-04	1.22E-04	9.42E-05	3.13E-05	7.34E-05	1.51E-05
8446	625354.53	4266260.03	4.77E-04	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.14E-05	7.36E-05	1.51E-05
8447	625350.63	4266269.02	4.78E-04	1.65E-04	4.00E-04	1.23E-04	9.47E-05	3.15E-05	7.38E-05	1.52E-05
8448	625346.73	4266278	4.80E-04	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.40E-05	1.52E-05
8449	625342.83	4266286.99	4.81E-04	1.65E-04	4.02E-04	1.24E-04	9.51E-05	3.17E-05	7.41E-05	1.52E-05
8450	625307.72	4266367.88	4.97E-04	1.71E-04	4.15E-04	1.28E-04	9.83E-05	3.27E-05	7.66E-05	1.58E-05
8451	625303.82	4266376.87	5.00E-04	1.72E-04	4.18E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05	1.59E-05
8452	625299.92	4266385.86	5.03E-04	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.76E-05	1.60E-05
8453	625296.02	4266394.84	5.06E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.81E-05	1.61E-05
8454	625292.12	4266403.83	5.09E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.86E-05	1.62E-05
8455	625288.21	4266412.82	5.13E-04	1.76E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.91E-05	1.63E-05
8456	625284.31	4266421.81	5.16E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
8457	625280.41	4266430.79	5.20E-04	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
8458	625276.51	4266439.78	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05	1.66E-05
8459	625272.61	4266448.77	5.28E-04	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.14E-05	1.67E-05
8460	625268.71	4266457.76	5.31E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
8461	625264.81	4266466.75	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05	1.70E-05
8462	625260.91	4266475.73	5.39E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05	1.71E-05
8463	625257.01	4266484.72	5.42E-04	1.86E-04	4.53E-04	1.40E-04	1.07E-04	3.57E-05	8.37E-05	1.72E-05
8464	625253.11	4266493.71	5.46E-04	1.88E-04	4.56E-04	1.40E-04	1.08E-04	3.60E-05	8.42E-05	1.73E-05
8465	625249.2	4266502.7	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05	1.74E-05
8466	625245.3	4266511.68	5.52E-04	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.52E-05	1.75E-05
8467	625241.4	4266520.67	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05	1.76E-05
8468	625237.5	4266529.66	5.58E-04	1.92E-04	4.66E-04	1.44E-04	1.10E-04	3.68E-05	8.61E-05	1.77E-05
8469	625233.6	4266538.65	5.61E-04	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05	1.78E-05
8470	625220.58	4266551.22	5.75E-04	1.98E-04	4.80E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05	1.82E-05
8471	625211.47	4266554.82	5.86E-04	2.02E-04	4.90E-04	1.51E-04	1.16E-04	3.86E-05	9.04E-05	1.86E-05
8472	625202.35	4266558.41	5.98E-04	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05	1.90E-05
8473	625193.23	4266562	6.09E-04	2.10E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.40E-05	1.93E-05
8474	625184.12	4266565.59	6.21E-04	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05	1.97E-05
8475	625175	4266569.18	6.33E-04	2.18E-04	5.29E-04	1.63E-04	1.25E-04	4.17E-05	9.76E-05	2.01E-05
8476	625165.88	4266572.77	6.44E-04	2.22E-04	5.38E-04	1.66E-04	1.28E-04	4.24E-05	9.94E-05	2.04E-05

8477	625156.77	4266576.36	6.56E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
8478	625147.65	4266579.95	6.67E-04	2.29E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04	2.12E-05
8479	625138.54	4266583.54	6.78E-04	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04	2.15E-05
8480	625129.42	4266587.13	6.90E-04	2.37E-04	5.76E-04	1.78E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
8481	625120.3	4266590.72	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04	2.22E-05
8482	625111.19	4266594.31	7.11E-04	2.45E-04	5.94E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04	2.26E-05
8483	625102.07	4266597.9	7.22E-04	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04	2.29E-05
8484	625092.95	4266601.49	7.32E-04	2.52E-04	6.12E-04	1.88E-04	1.45E-04	4.82E-05	1.13E-04	2.32E-05
8485	625083.84	4266605.08	7.42E-04	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.89E-05	1.14E-04	2.35E-05
8486	625074.72	4266608.67	7.52E-04	2.58E-04	6.28E-04	1.94E-04	1.49E-04	4.95E-05	1.16E-04	2.39E-05
8487	625065.61	4266612.26	7.61E-04	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04	2.41E-05
8488	625056.49	4266615.85	7.70E-04	2.65E-04	6.44E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04	2.44E-05
8489	625047.37	4266619.44	7.79E-04	2.68E-04	6.51E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04	2.47E-05
8490	625038.26	4266623.03	7.87E-04	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.18E-05	1.21E-04	2.50E-05
8491	625029.14	4266626.62	7.95E-04	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04	2.52E-05
8492	625020.02	4266630.21	8.02E-04	2.76E-04	6.70E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04	2.55E-05
8493	625010.91	4266633.8	8.09E-04	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04	2.57E-05
8494	625001.79	4266637.39	8.15E-04	2.80E-04	6.81E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04	2.59E-05
8495	624992.68	4266640.99	8.21E-04	2.82E-04	6.86E-04	2.11E-04	1.62E-04	5.41E-05	1.27E-04	2.60E-05
8496	624983.56	4266644.58	8.26E-04	2.84E-04	6.90E-04	2.13E-04	1.63E-04	5.44E-05	1.27E-04	2.62E-05
8497	624974.44	4266648.17	8.31E-04	2.86E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04	2.64E-05
8498	624965.33	4266651.76	8.35E-04	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04	2.65E-05
8499	624956.21	4266655.35	8.38E-04	2.88E-04	7.01E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04	2.66E-05
8500	624947.09	4266658.94	8.41E-04	2.89E-04	7.03E-04	2.17E-04	1.66E-04	5.54E-05	1.30E-04	2.67E-05
8501	624937.98	4266662.53	8.43E-04	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04	2.68E-05
8502	624928.86	4266666.12	8.45E-04	2.91E-04	7.06E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04	2.68E-05
8503	624919.75	4266669.71	8.46E-04	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.58E-05	1.31E-04	2.69E-05
8504	624910.63	4266673.3	8.47E-04	2.91E-04	7.08E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04	2.69E-05
8505	624901.51	4266676.89	8.47E-04	2.91E-04	7.08E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04	2.69E-05
8506	624892.4	4266680.48	8.46E-04	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.31E-04	2.68E-05
8507	624883.28	4266684.07	8.45E-04	2.91E-04	7.06E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04	2.68E-05
8508	624874.16	4266687.66	8.43E-04	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04	2.68E-05
8509	624865.05	4266691.25	8.41E-04	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04	2.67E-05
8510	624855.93	4266694.84	8.39E-04	2.88E-04	7.01E-04	2.16E-04	1.66E-04	5.53E-05	1.29E-04	2.66E-05
8511	624846.82	4266698.43	8.36E-04	2.88E-04	6.99E-04	2.15E-04	1.65E-04	5.51E-05	1.29E-04	2.65E-05
8512	625397.61	4266151.23	4.49E-04	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.92E-05	1.42E-05
8513	625397.77	4266141.3	4.49E-04	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.93E-05	1.42E-05
8514	625397.94	4266131.36	4.49E-04	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.42E-05
8515	625398.1	4266121.43	4.49E-04	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.42E-05
8516	625398.26	4266111.5	4.49E-04	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.43E-05
8517	625398.43	4266101.56	4.49E-04	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.93E-05	1.43E-05
8518	625398.59	4266091.63	4.50E-04	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05	1.43E-05
8519	625398.75	4266081.7	4.50E-04	1.55E-04	3.76E-04	1.16E-04	8.91E-05	2.97E-05	6.95E-05	1.43E-05
8520	625398.92	4266071.76	4.51E-04	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05	1.43E-05
8521	625399.08	4266061.83	4.52E-04	1.55E-04	3.78E-04	1.16E-04	8.95E-05	2.98E-05	6.97E-05	1.43E-05
8522	625399.24	4266051.9	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.99E-05	6.99E-05	1.44E-05
8523	625399.41	4266041.96	4.54E-04	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05	1.44E-05
8524	625399.57	4266032.03	4.55E-04	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
8525	625399.74	4266022.1	4.57E-04	1.57E-04	3.82E-04	1.18E-04	9.04E-05	3.01E-05	7.05E-05	1.45E-05
8526	625399.9	4266012.16	4.58E-04	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.07E-05	1.45E-05
8527	625400.06	4266002.23	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05	1.46E-05
8528	625400.23	4265992.3	4.60E-04	1.58E-04	3.85E-04	1.19E-04	9.11E-05	3.03E-05	7.10E-05	1.46E-05
8529	625400.39	4265982.36	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05	1.47E-05

8530	625400.55	4265972.43	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.16E-05	3.05E-05	7.14E-05	1.47E-05
8531	625400.72	4265962.5	4.64E-04	1.60E-04	3.88E-04	1.19E-04	9.18E-05	3.06E-05	7.16E-05	1.47E-05
8532	625400.88	4265952.56	4.65E-04	1.60E-04	3.89E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05	1.48E-05
8533	625401.04	4265942.63	4.66E-04	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05	1.48E-05
8534	625401.21	4265932.7	4.66E-04	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.20E-05	1.48E-05
8535	625401.37	4265922.76	4.67E-04	1.61E-04	3.90E-04	1.20E-04	9.24E-05	3.08E-05	7.20E-05	1.48E-05
8536	625401.53	4265912.83	4.67E-04	1.61E-04	3.91E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05	1.48E-05
8537	625401.7	4265902.9	4.68E-04	1.61E-04	3.91E-04	1.20E-04	9.26E-05	3.08E-05	7.22E-05	1.48E-05
8538	625401.86	4265892.96	4.68E-04	1.61E-04	3.91E-04	1.20E-04	9.26E-05	3.08E-05	7.22E-05	1.48E-05
8539	625402.02	4265883.03	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
8540	625402.19	4265873.1	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
8541	625402.35	4265863.16	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
8542	625402.52	4265853.23	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
8543	625402.68	4265843.3	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
8544	625402.84	4265833.36	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05	1.49E-05
8545	625403.01	4265823.43	4.68E-04	1.61E-04	3.92E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05	1.49E-05
8546	625403.17	4265813.5	4.69E-04	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.23E-05	1.49E-05
8547	625403.33	4265803.56	4.69E-04	1.61E-04	3.92E-04	1.21E-04	9.29E-05	3.09E-05	7.24E-05	1.49E-05
8548	625403.5	4265793.63	4.70E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
8549	625403.66	4265783.7	4.72E-04	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.28E-05	1.50E-05
8550	625403.82	4265773.76	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05	1.50E-05
8551	625403.99	4265763.83	4.75E-04	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.33E-05	1.51E-05
8552	625404.15	4265753.9	4.77E-04	1.64E-04	3.99E-04	1.23E-04	9.44E-05	3.14E-05	7.36E-05	1.51E-05
8553	625404.31	4265743.96	4.79E-04	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.39E-05	1.52E-05
8554	625404.48	4265734.03	4.82E-04	1.66E-04	4.03E-04	1.24E-04	9.53E-05	3.17E-05	7.43E-05	1.53E-05
8555	625404.64	4265724.1	4.84E-04	1.67E-04	4.05E-04	1.25E-04	9.59E-05	3.19E-05	7.47E-05	1.54E-05
8556	625404.8	4265714.16	4.87E-04	1.67E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05	1.55E-05
8557	625404.97	4265704.23	4.90E-04	1.68E-04	4.09E-04	1.26E-04	9.70E-05	3.23E-05	7.56E-05	1.55E-05
8558	625405.13	4265694.3	4.93E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.25E-05	7.60E-05	1.56E-05
8559	625405.3	4265684.36	4.95E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.64E-05	1.57E-05
8560	625435.76	4266188.9	4.15E-04	1.43E-04	3.47E-04	1.07E-04	8.21E-05	2.73E-05	6.40E-05	1.32E-05
8561	625431.86	4266197.87	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.26E-05	2.75E-05	6.44E-05	1.33E-05
8562	625427.97	4266206.84	4.20E-04	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05	1.33E-05
8563	625424.08	4266215.81	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.51E-05	1.34E-05
8564	625420.18	4266224.78	4.24E-04	1.46E-04	3.54E-04	1.09E-04	8.39E-05	2.79E-05	6.54E-05	1.35E-05
8565	625416.29	4266233.75	4.26E-04	1.46E-04	3.56E-04	1.10E-04	8.43E-05	2.81E-05	6.57E-05	1.35E-05
8566	625412.4	4266242.72	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.46E-05	2.82E-05	6.59E-05	1.36E-05
8567	625408.5	4266251.69	4.29E-04	1.47E-04	3.58E-04	1.10E-04	8.48E-05	2.82E-05	6.61E-05	1.36E-05
8568	625404.61	4266260.66	4.30E-04	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.63E-05	1.36E-05
8569	625400.72	4266269.63	4.31E-04	1.48E-04	3.60E-04	1.11E-04	8.53E-05	2.84E-05	6.65E-05	1.37E-05
8570	625396.82	4266278.6	4.32E-04	1.48E-04	3.61E-04	1.11E-04	8.54E-05	2.84E-05	6.66E-05	1.37E-05
8571	625392.93	4266287.57	4.32E-04	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.67E-05	1.37E-05
8572	625357.89	4266368.3	4.40E-04	1.51E-04	3.68E-04	1.13E-04	8.71E-05	2.90E-05	6.79E-05	1.40E-05
8573	625353.99	4266377.27	4.42E-04	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
8574	625350.1	4266386.24	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.93E-05	6.86E-05	1.41E-05
8575	625346.21	4266395.21	4.47E-04	1.54E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05	1.42E-05
8576	625342.31	4266404.19	4.49E-04	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.43E-05
8577	625338.42	4266413.16	4.52E-04	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05	1.43E-05
8578	625334.53	4266422.13	4.55E-04	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05	1.44E-05
8579	625330.63	4266431.1	4.58E-04	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05	1.45E-05
8580	625326.74	4266440.07	4.61E-04	1.59E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05	1.46E-05
8581	625322.85	4266449.04	4.64E-04	1.60E-04	3.88E-04	1.20E-04	9.19E-05	3.06E-05	7.16E-05	1.47E-05
8582	625318.95	4266458.01	4.67E-04	1.61E-04	3.91E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05	1.48E-05

8583	625315.06	4266466.98	4.71E-04	1.62E-04	3.93E-04	1.21E-04	9.32E-05	3.10E-05	7.26E-05	1.49E-05
8584	625311.16	4266475.95	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.12E-05	7.32E-05	1.50E-05
8585	625307.27	4266484.92	4.77E-04	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.15E-05	7.37E-05	1.52E-05
8586	625303.38	4266493.89	4.81E-04	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05	1.53E-05
8587	625299.48	4266502.86	4.84E-04	1.66E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05	1.54E-05
8588	625295.59	4266511.83	4.87E-04	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05	1.55E-05
8589	625291.7	4266520.8	4.90E-04	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05	1.56E-05
8590	625287.8	4266529.77	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05	1.57E-05
8591	625283.91	4266538.74	4.96E-04	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.66E-05	1.57E-05
8592	625280.02	4266547.71	4.99E-04	1.72E-04	4.17E-04	1.28E-04	9.88E-05	3.29E-05	7.70E-05	1.58E-05
8593	625276.12	4266556.68	5.02E-04	1.72E-04	4.19E-04	1.29E-04	9.93E-05	3.30E-05	7.74E-05	1.59E-05
8594	625272.23	4266565.65	5.04E-04	1.73E-04	4.21E-04	1.30E-04	9.98E-05	3.32E-05	7.78E-05	1.60E-05
8595	625268.34	4266574.62	5.06E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.81E-05	1.61E-05
8596	625255.34	4266587.17	5.18E-04	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.41E-05	8.00E-05	1.64E-05
8597	625246.24	4266590.76	5.28E-04	1.82E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.15E-05	1.68E-05
8598	625237.15	4266594.34	5.38E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.30E-05	1.71E-05
8599	625228.05	4266597.93	5.47E-04	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.45E-05	1.74E-05
8600	625218.95	4266601.51	5.57E-04	1.92E-04	4.66E-04	1.43E-04	1.10E-04	3.67E-05	8.60E-05	1.77E-05
8601	625209.85	4266605.09	5.67E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05	1.80E-05
8602	625200.75	4266608.68	5.77E-04	1.98E-04	4.82E-04	1.49E-04	1.14E-04	3.80E-05	8.90E-05	1.83E-05
8603	625191.65	4266612.26	5.87E-04	2.02E-04	4.90E-04	1.51E-04	1.16E-04	3.87E-05	9.05E-05	1.86E-05
8604	625182.55	4266615.84	5.96E-04	2.05E-04	4.98E-04	1.54E-04	1.18E-04	3.93E-05	9.20E-05	1.89E-05
8605	625173.46	4266619.43	6.06E-04	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05	1.92E-05
8606	625164.36	4266623.01	6.15E-04	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.50E-05	1.95E-05
8607	625155.26	4266626.59	6.25E-04	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05	1.98E-05
8608	625146.16	4266630.18	6.34E-04	2.18E-04	5.30E-04	1.63E-04	1.25E-04	4.18E-05	9.78E-05	2.01E-05
8609	625137.06	4266633.76	6.43E-04	2.21E-04	5.37E-04	1.66E-04	1.27E-04	4.24E-05	9.92E-05	2.04E-05
8610	625127.96	4266637.34	6.52E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.29E-05	1.01E-04	2.07E-05
8611	625118.86	4266640.93	6.60E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.10E-05
8612	625109.77	4266644.51	6.69E-04	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.41E-05	1.03E-04	2.12E-05
8613	625100.67	4266648.09	6.77E-04	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
8614	625091.57	4266651.68	6.85E-04	2.35E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
8615	625082.47	4266655.26	6.93E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04	2.20E-05
8616	625073.37	4266658.84	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04	2.22E-05
8617	625064.27	4266662.43	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04	2.24E-05
8618	625055.17	4266666.01	7.14E-04	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04	2.26E-05
8619	625046.08	4266669.59	7.20E-04	2.48E-04	6.02E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04	2.28E-05
8620	625036.98	4266673.18	7.26E-04	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04	2.30E-05
8621	625027.88	4266676.76	7.31E-04	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.82E-05	1.13E-04	2.32E-05
8622	625018.78	4266680.34	7.36E-04	2.53E-04	6.15E-04	1.90E-04	1.46E-04	4.85E-05	1.14E-04	2.34E-05
8623	625009.68	4266683.93	7.41E-04	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04	2.35E-05
8624	625000.58	4266687.51	7.45E-04	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04	2.36E-05
8625	624991.48	4266691.1	7.49E-04	2.58E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.16E-04	2.38E-05
8626	624982.38	4266694.68	7.52E-04	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04	2.39E-05
8627	624973.29	4266698.26	7.55E-04	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.98E-05	1.17E-04	2.40E-05
8628	624964.19	4266701.85	7.58E-04	2.61E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.40E-05
8629	624955.09	4266705.43	7.60E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.00E-05	1.17E-04	2.41E-05
8630	624945.99	4266709.01	7.61E-04	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04	2.42E-05
8631	624936.89	4266712.6	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
8632	624927.79	4266716.18	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
8633	624918.69	4266719.76	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
8634	624909.6	4266723.35	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04	2.42E-05
8635	624900.5	4266726.93	7.61E-04	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04	2.42E-05

8636	624891.4	4266730.51	7.60E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04	2.41E-05
8637	624882.3	4266734.1	7.58E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04	2.41E-05
8638	624873.2	4266737.68	7.56E-04	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04	2.40E-05
8639	624864.1	4266741.26	7.54E-04	2.59E-04	6.30E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04	2.39E-05
8640	624855	4266744.85	7.51E-04	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04	2.38E-05
8641	624845.91	4266748.43	7.48E-04	2.57E-04	6.25E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04	2.37E-05
8642	625447.44	4266161.99	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05	1.29E-05
8643	625447.6	4266152.05	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05	1.29E-05
8644	625447.77	4266142.12	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05	1.29E-05
8645	625447.93	4266132.19	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05	1.29E-05
8646	625448.09	4266122.25	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05	1.29E-05
8647	625448.26	4266112.32	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05	1.29E-05
8648	625448.42	4266102.39	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05	1.29E-05
8649	625448.58	4266092.45	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05	1.29E-05
8650	625448.75	4266082.52	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05	1.29E-05
8651	625448.91	4266072.59	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.69E-05	6.29E-05	1.29E-05
8652	625449.07	4266062.65	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05	1.30E-05
8653	625449.24	4266052.72	4.09E-04	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05	1.30E-05
8654	625449.4	4266042.79	4.10E-04	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05	1.30E-05
8655	625449.56	4266032.85	4.10E-04	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05	1.30E-05
8656	625449.73	4266022.92	4.11E-04	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.34E-05	1.30E-05
8657	625449.89	4266012.99	4.12E-04	1.42E-04	3.44E-04	1.06E-04	8.15E-05	2.71E-05	6.36E-05	1.31E-05
8658	625450.06	4266003.05	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05	1.31E-05
8659	625450.22	4265993.12	4.14E-04	1.42E-04	3.46E-04	1.06E-04	8.19E-05	2.72E-05	6.38E-05	1.31E-05
8660	625450.38	4265983.19	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
8661	625450.55	4265973.25	4.15E-04	1.43E-04	3.47E-04	1.07E-04	8.22E-05	2.74E-05	6.41E-05	1.32E-05
8662	625450.71	4265963.32	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.23E-05	2.74E-05	6.42E-05	1.32E-05
8663	625450.87	4265953.39	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
8664	625451.04	4265943.45	4.17E-04	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.75E-05	6.43E-05	1.32E-05
8665	625451.2	4265933.52	4.17E-04	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8666	625451.36	4265923.59	4.17E-04	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8667	625451.53	4265913.65	4.17E-04	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8668	625451.69	4265903.72	4.17E-04	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8669	625451.85	4265893.79	4.17E-04	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8670	625452.02	4265883.85	4.17E-04	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.75E-05	6.43E-05	1.32E-05
8671	625452.18	4265873.92	4.17E-04	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.75E-05	6.43E-05	1.32E-05
8672	625452.34	4265863.99	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.43E-05	1.32E-05
8673	625452.51	4265854.05	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
8674	625452.67	4265844.12	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
8675	625452.84	4265834.19	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
8676	625453	4265824.25	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.43E-05	1.32E-05
8677	625453.16	4265814.32	4.17E-04	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.75E-05	6.43E-05	1.32E-05
8678	625453.33	4265804.39	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.26E-05	2.75E-05	6.44E-05	1.33E-05
8679	625453.49	4265794.45	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.46E-05	1.33E-05
8680	625453.65	4265784.52	4.20E-04	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05	1.33E-05
8681	625453.82	4265774.59	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.34E-05	2.78E-05	6.50E-05	1.34E-05
8682	625453.98	4265764.65	4.23E-04	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05	1.34E-05
8683	625454.14	4265754.72	4.25E-04	1.46E-04	3.55E-04	1.09E-04	8.41E-05	2.80E-05	6.56E-05	1.35E-05
8684	625454.31	4265744.79	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05	1.36E-05
8685	625454.47	4265734.85	4.29E-04	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.63E-05	1.36E-05
8686	625454.63	4265724.92	4.32E-04	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.66E-05	1.37E-05
8687	625454.8	4265714.99	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05	1.38E-05
8688	625454.96	4265705.05	4.37E-04	1.50E-04	3.65E-04	1.13E-04	8.65E-05	2.88E-05	6.74E-05	1.39E-05

8689	625455.13	4265695.12	4.40E-04	1.51E-04	3.68E-04	1.13E-04	8.70E-05	2.90E-05	6.78E-05	1.40E-05
8690	625455.29	4265685.19	4.42E-04	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05	1.40E-05
8691	625485.77	4266189.68	3.79E-04	1.30E-04	3.16E-04	9.75E-05	7.49E-05	2.49E-05	5.84E-05	1.20E-05
8692	625481.88	4266198.63	3.81E-04	1.31E-04	3.18E-04	9.80E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
8693	625478	4266207.59	3.83E-04	1.32E-04	3.20E-04	9.86E-05	7.58E-05	2.52E-05	5.91E-05	1.22E-05
8694	625474.11	4266216.54	3.85E-04	1.32E-04	3.22E-04	9.91E-05	7.62E-05	2.54E-05	5.94E-05	1.22E-05
8695	625470.22	4266225.5	3.87E-04	1.33E-04	3.23E-04	9.95E-05	7.65E-05	2.55E-05	5.96E-05	1.23E-05
8696	625466.33	4266234.46	3.88E-04	1.33E-04	3.24E-04	9.99E-05	7.68E-05	2.56E-05	5.99E-05	1.23E-05
8697	625462.45	4266243.41	3.89E-04	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.00E-05	1.23E-05
8698	625458.56	4266252.37	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
8699	625454.67	4266261.32	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.57E-05	6.03E-05	1.24E-05
8700	625450.79	4266270.28	3.91E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
8701	625446.9	4266279.23	3.92E-04	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05	1.24E-05
8702	625443.01	4266288.19	3.92E-04	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05	1.24E-05
8703	625408.03	4266368.79	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.09E-05	1.25E-05
8704	625404.14	4266377.75	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05	1.26E-05
8705	625400.25	4266386.7	3.97E-04	1.37E-04	3.32E-04	1.02E-04	7.86E-05	2.62E-05	6.13E-05	1.26E-05
8706	625396.37	4266395.66	3.99E-04	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.27E-05
8707	625392.48	4266404.61	4.00E-04	1.38E-04	3.35E-04	1.03E-04	7.92E-05	2.64E-05	6.18E-05	1.27E-05
8708	625388.59	4266413.57	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05	1.28E-05
8709	625384.7	4266422.52	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05	1.28E-05
8710	625380.82	4266431.48	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05	1.29E-05
8711	625376.93	4266440.44	4.09E-04	1.41E-04	3.42E-04	1.05E-04	8.10E-05	2.70E-05	6.31E-05	1.30E-05
8712	625373.04	4266449.39	4.12E-04	1.42E-04	3.44E-04	1.06E-04	8.15E-05	2.71E-05	6.35E-05	1.31E-05
8713	625369.15	4266458.35	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05	1.31E-05
8714	625365.27	4266467.3	4.17E-04	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8715	625361.38	4266476.26	4.20E-04	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05	1.33E-05
8716	625357.49	4266485.21	4.23E-04	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05	1.34E-05
8717	625353.61	4266494.17	4.26E-04	1.46E-04	3.56E-04	1.10E-04	8.43E-05	2.81E-05	6.57E-05	1.35E-05
8718	625349.72	4266503.12	4.29E-04	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05	1.36E-05
8719	625345.83	4266512.08	4.32E-04	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.67E-05	1.37E-05
8720	625341.94	4266521.04	4.35E-04	1.50E-04	3.64E-04	1.12E-04	8.61E-05	2.87E-05	6.71E-05	1.38E-05
8721	625338.06	4266529.99	4.38E-04	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05	1.39E-05
8722	625334.17	4266538.95	4.41E-04	1.52E-04	3.68E-04	1.13E-04	8.73E-05	2.90E-05	6.80E-05	1.40E-05
8723	625330.28	4266547.9	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05	1.41E-05
8724	625326.4	4266556.86	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05	1.42E-05
8725	625322.51	4266565.81	4.49E-04	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05	1.42E-05
8726	625318.62	4266574.77	4.52E-04	1.55E-04	3.77E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05	1.43E-05
8727	625314.73	4266583.73	4.54E-04	1.56E-04	3.79E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05	1.44E-05
8728	625310.85	4266592.68	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.01E-05	7.04E-05	1.45E-05
8729	625306.96	4266601.64	4.58E-04	1.58E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05	1.45E-05
8730	625303.07	4266610.59	4.60E-04	1.58E-04	3.85E-04	1.19E-04	9.11E-05	3.03E-05	7.11E-05	1.46E-05
8731	625290.1	4266623.13	4.71E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05	1.49E-05
8732	625281.02	4266626.7	4.79E-04	1.65E-04	4.00E-04	1.23E-04	9.48E-05	3.15E-05	7.39E-05	1.52E-05
8733	625271.93	4266630.28	4.87E-04	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05	1.55E-05
8734	625262.85	4266633.86	4.95E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.65E-05	1.57E-05
8735	625253.77	4266637.44	5.04E-04	1.73E-04	4.21E-04	1.30E-04	9.97E-05	3.32E-05	7.77E-05	1.60E-05
8736	625244.68	4266641.01	5.12E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.90E-05	1.63E-05
8737	625235.6	4266644.59	5.21E-04	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
8738	625226.52	4266648.17	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05	1.68E-05
8739	625217.43	4266651.75	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05	1.70E-05
8740	625208.35	4266655.32	5.45E-04	1.88E-04	4.56E-04	1.40E-04	1.08E-04	3.59E-05	8.42E-05	1.73E-05
8741	625199.26	4266658.9	5.53E-04	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05	1.76E-05

8742	625190.18	4266662.48	5.61E-04	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.66E-05	1.78E-05
8743	625181.1	4266666.06	5.69E-04	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.79E-05	1.81E-05
8744	625172.01	4266669.63	5.77E-04	1.98E-04	4.82E-04	1.49E-04	1.14E-04	3.80E-05	8.91E-05	1.83E-05
8745	625162.93	4266673.21	5.85E-04	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.85E-05	9.02E-05	1.86E-05
8746	625153.85	4266676.79	5.92E-04	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.14E-05	1.88E-05
8747	625144.76	4266680.37	5.99E-04	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.25E-05	1.90E-05
8748	625135.68	4266683.95	6.07E-04	2.09E-04	5.07E-04	1.56E-04	1.20E-04	4.00E-05	9.36E-05	1.93E-05
8749	625126.59	4266687.52	6.14E-04	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
8750	625117.51	4266691.1	6.20E-04	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05	1.97E-05
8751	625108.43	4266694.68	6.27E-04	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
8752	625099.34	4266698.26	6.33E-04	2.18E-04	5.29E-04	1.63E-04	1.25E-04	4.17E-05	9.77E-05	2.01E-05
8753	625090.26	4266701.83	6.39E-04	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.86E-05	2.03E-05
8754	625081.18	4266705.41	6.45E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05	2.05E-05
8755	625072.09	4266708.99	6.51E-04	2.24E-04	5.44E-04	1.67E-04	1.29E-04	4.29E-05	1.00E-04	2.06E-05
8756	625063.01	4266712.57	6.56E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04	2.08E-05
8757	625053.92	4266716.14	6.61E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04	2.10E-05
8758	625044.84	4266719.72	6.65E-04	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.38E-05	1.03E-04	2.11E-05
8759	625035.76	4266723.3	6.69E-04	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.41E-05	1.03E-04	2.12E-05
8760	625026.67	4266726.88	6.73E-04	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04	2.14E-05
8761	625017.59	4266730.45	6.76E-04	2.33E-04	5.65E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
8762	625008.51	4266734.03	6.79E-04	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.48E-05	1.05E-04	2.16E-05
8763	624999.42	4266737.61	6.82E-04	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04	2.17E-05
8764	624990.34	4266741.19	6.85E-04	2.35E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04	2.17E-05
8765	624981.25	4266744.76	6.87E-04	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04	2.18E-05
8766	624972.17	4266748.34	6.88E-04	2.37E-04	5.75E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.18E-05
8767	624963.09	4266751.92	6.90E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.54E-05	1.06E-04	2.19E-05
8768	624954	4266755.5	6.91E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
8769	624944.92	4266759.08	6.91E-04	2.38E-04	5.78E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
8770	624935.84	4266762.65	6.91E-04	2.38E-04	5.78E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
8771	624926.75	4266766.23	6.91E-04	2.38E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
8772	624917.67	4266769.81	6.90E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04	2.19E-05
8773	624908.58	4266773.39	6.89E-04	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04	2.19E-05
8774	624899.5	4266776.96	6.88E-04	2.37E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04	2.18E-05
8775	624890.42	4266780.54	6.86E-04	2.36E-04	5.73E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04	2.18E-05
8776	624881.33	4266784.12	6.84E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04	2.17E-05
8777	624872.25	4266787.7	6.82E-04	2.34E-04	5.70E-04	1.76E-04	1.35E-04	4.49E-05	1.05E-04	2.16E-05
8778	624863.17	4266791.27	6.79E-04	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.48E-05	1.05E-04	2.16E-05
8779	624854.08	4266794.85	6.77E-04	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04	2.15E-05
8780	624845	4266798.43	6.74E-04	2.32E-04	5.63E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04	2.14E-05
8781	625497.43	4266162.81	3.72E-04	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
8782	625497.6	4266152.88	3.72E-04	1.28E-04	3.11E-04	9.57E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
8783	625497.76	4266142.94	3.71E-04	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
8784	625497.92	4266133.01	3.71E-04	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
8785	625498.09	4266123.08	3.71E-04	1.28E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.73E-05	1.18E-05
8786	625498.25	4266113.14	3.71E-04	1.28E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.73E-05	1.18E-05
8787	625498.41	4266103.21	3.71E-04	1.28E-04	3.10E-04	9.55E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
8788	625498.58	4266093.28	3.71E-04	1.28E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.73E-05	1.18E-05
8789	625498.74	4266083.34	3.71E-04	1.28E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.73E-05	1.18E-05
8790	625498.9	4266073.41	3.71E-04	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
8791	625499.07	4266063.48	3.71E-04	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
8792	625499.23	4266053.54	3.72E-04	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.73E-05	1.18E-05
8793	625499.39	4266043.61	3.72E-04	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
8794	625499.56	4266033.68	3.72E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05

8795	625499.72	4266023.74	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
8796	625499.89	4266013.81	3.73E-04	1.28E-04	3.12E-04	9.61E-05	7.39E-05	2.46E-05	5.76E-05	1.18E-05
8797	625500.05	4266003.88	3.74E-04	1.29E-04	3.12E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05	1.19E-05
8798	625500.21	4265993.94	3.74E-04	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
8799	625500.38	4265984.01	3.75E-04	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.78E-05	1.19E-05
8800	625500.54	4265974.08	3.75E-04	1.29E-04	3.13E-04	9.66E-05	7.42E-05	2.47E-05	5.79E-05	1.19E-05
8801	625500.7	4265964.14	3.75E-04	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
8802	625500.87	4265954.21	3.75E-04	1.29E-04	3.14E-04	9.67E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
8803	625501.03	4265944.28	3.75E-04	1.29E-04	3.14E-04	9.67E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
8804	625501.19	4265934.34	3.75E-04	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
8805	625501.36	4265924.41	3.75E-04	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
8806	625501.52	4265914.48	3.75E-04	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.79E-05	1.19E-05
8807	625501.68	4265904.54	3.75E-04	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.78E-05	1.19E-05
8808	625501.85	4265894.61	3.74E-04	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
8809	625502.01	4265884.68	3.74E-04	1.29E-04	3.13E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05	1.19E-05
8810	625502.17	4265874.74	3.74E-04	1.28E-04	3.12E-04	9.62E-05	7.39E-05	2.46E-05	5.76E-05	1.19E-05
8811	625502.34	4265864.81	3.73E-04	1.28E-04	3.12E-04	9.61E-05	7.39E-05	2.46E-05	5.76E-05	1.18E-05
8812	625502.5	4265854.88	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.76E-05	1.18E-05
8813	625502.67	4265844.94	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
8814	625502.83	4265835.01	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
8815	625502.99	4265825.08	3.73E-04	1.28E-04	3.12E-04	9.61E-05	7.39E-05	2.46E-05	5.76E-05	1.18E-05
8816	625503.16	4265815.14	3.74E-04	1.28E-04	3.12E-04	9.62E-05	7.39E-05	2.46E-05	5.76E-05	1.19E-05
8817	625503.32	4265805.21	3.74E-04	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
8818	625503.48	4265795.28	3.75E-04	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05	1.19E-05
8819	625503.65	4265785.34	3.76E-04	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
8820	625503.81	4265775.41	3.78E-04	1.30E-04	3.16E-04	9.73E-05	7.48E-05	2.49E-05	5.83E-05	1.20E-05
8821	625503.97	4265765.48	3.79E-04	1.30E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05	1.20E-05
8822	625504.14	4265755.54	3.81E-04	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.88E-05	1.21E-05
8823	625504.3	4265745.61	3.83E-04	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.53E-05	5.91E-05	1.22E-05
8824	625504.46	4265735.68	3.85E-04	1.33E-04	3.22E-04	9.92E-05	7.63E-05	2.54E-05	5.95E-05	1.22E-05
8825	625504.63	4265725.74	3.88E-04	1.33E-04	3.24E-04	9.98E-05	7.68E-05	2.55E-05	5.98E-05	1.23E-05
8826	625504.79	4265715.81	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
8827	625504.95	4265705.88	3.93E-04	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05	1.25E-05
8828	625505.12	4265695.94	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.10E-05	1.25E-05
8829	625505.28	4265686.01	3.97E-04	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.13E-05	1.26E-05
8830	625535.56	4266190.96	3.48E-04	1.20E-04	2.91E-04	8.97E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
8831	625531.61	4266200.07	3.50E-04	1.20E-04	2.93E-04	9.02E-05	6.93E-05	2.31E-05	5.41E-05	1.11E-05
8832	625527.66	4266209.18	3.52E-04	1.21E-04	2.94E-04	9.06E-05	6.97E-05	2.32E-05	5.43E-05	1.12E-05
8833	625523.7	4266218.29	3.54E-04	1.22E-04	2.96E-04	9.10E-05	7.00E-05	2.33E-05	5.46E-05	1.12E-05
8834	625519.75	4266227.39	3.55E-04	1.22E-04	2.97E-04	9.14E-05	7.03E-05	2.34E-05	5.48E-05	1.13E-05
8835	625515.8	4266236.5	3.56E-04	1.22E-04	2.98E-04	9.17E-05	7.05E-05	2.35E-05	5.50E-05	1.13E-05
8836	625511.84	4266245.61	3.57E-04	1.23E-04	2.99E-04	9.20E-05	7.07E-05	2.35E-05	5.51E-05	1.13E-05
8837	625507.89	4266254.72	3.58E-04	1.23E-04	2.99E-04	9.22E-05	7.09E-05	2.36E-05	5.52E-05	1.14E-05
8838	625503.94	4266263.83	3.59E-04	1.23E-04	3.00E-04	9.23E-05	7.10E-05	2.36E-05	5.53E-05	1.14E-05
8839	625499.98	4266272.94	3.59E-04	1.23E-04	3.00E-04	9.24E-05	7.10E-05	2.36E-05	5.54E-05	1.14E-05
8840	625496.03	4266282.05	3.59E-04	1.23E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05	1.14E-05
8841	625492.07	4266291.16	3.59E-04	1.23E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05	1.14E-05
8842	625456.49	4266373.13	3.58E-04	1.23E-04	2.99E-04	9.22E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
8843	625452.54	4266382.24	3.59E-04	1.23E-04	3.00E-04	9.23E-05	7.10E-05	2.36E-05	5.53E-05	1.14E-05
8844	625448.58	4266391.35	3.59E-04	1.24E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05	1.14E-05
8845	625444.63	4266400.46	3.60E-04	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.56E-05	1.14E-05
8846	625440.68	4266409.57	3.61E-04	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.57E-05	1.15E-05
8847	625436.72	4266418.68	3.63E-04	1.25E-04	3.03E-04	9.33E-05	7.18E-05	2.39E-05	5.59E-05	1.15E-05

8848	625432.77	4266427.79	3.64E-04	1.25E-04	3.04E-04	9.37E-05	7.21E-05	2.40E-05	5.62E-05	1.16E-05
8849	625428.82	4266436.9	3.66E-04	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.64E-05	1.16E-05
8850	625424.86	4266446	3.68E-04	1.26E-04	3.07E-04	9.46E-05	7.28E-05	2.42E-05	5.67E-05	1.17E-05
8851	625420.91	4266455.11	3.70E-04	1.27E-04	3.09E-04	9.52E-05	7.32E-05	2.44E-05	5.70E-05	1.17E-05
8852	625416.96	4266464.22	3.72E-04	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.74E-05	1.18E-05
8853	625413	4266473.33	3.74E-04	1.29E-04	3.13E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05	1.19E-05
8854	625409.05	4266482.44	3.76E-04	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
8855	625405.09	4266491.55	3.79E-04	1.30E-04	3.17E-04	9.76E-05	7.50E-05	2.50E-05	5.85E-05	1.20E-05
8856	625401.14	4266500.66	3.82E-04	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.89E-05	1.21E-05
8857	625397.19	4266509.77	3.84E-04	1.32E-04	3.21E-04	9.89E-05	7.61E-05	2.53E-05	5.93E-05	1.22E-05
8858	625393.23	4266518.87	3.87E-04	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
8859	625389.28	4266527.98	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.71E-05	2.57E-05	6.01E-05	1.24E-05
8860	625385.33	4266537.09	3.92E-04	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05	1.25E-05
8861	625381.37	4266546.2	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.10E-05	1.25E-05
8862	625377.42	4266555.31	3.98E-04	1.37E-04	3.33E-04	1.02E-04	7.88E-05	2.62E-05	6.14E-05	1.26E-05
8863	625373.47	4266564.42	4.01E-04	1.38E-04	3.35E-04	1.03E-04	7.93E-05	2.64E-05	6.18E-05	1.27E-05
8864	625369.51	4266573.53	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
8865	625365.56	4266582.63	4.06E-04	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05	1.29E-05
8866	625361.6	4266591.74	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05	1.30E-05
8867	625357.65	4266600.85	4.11E-04	1.41E-04	3.43E-04	1.06E-04	8.13E-05	2.71E-05	6.34E-05	1.30E-05
8868	625353.7	4266609.96	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.18E-05	2.72E-05	6.37E-05	1.31E-05
8869	625349.74	4266619.07	4.15E-04	1.43E-04	3.47E-04	1.07E-04	8.22E-05	2.74E-05	6.41E-05	1.32E-05
8870	625345.79	4266628.18	4.17E-04	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05	1.32E-05
8871	625341.84	4266637.29	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
8872	625337.88	4266646.4	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.34E-05	2.77E-05	6.50E-05	1.34E-05
8873	625324.69	4266659.14	4.30E-04	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.64E-05	1.36E-05
8874	625315.45	4266662.78	4.37E-04	1.50E-04	3.66E-04	1.13E-04	8.66E-05	2.88E-05	6.75E-05	1.39E-05
8875	625306.21	4266666.42	4.45E-04	1.53E-04	3.72E-04	1.14E-04	8.80E-05	2.93E-05	6.86E-05	1.41E-05
8876	625296.97	4266670.06	4.52E-04	1.55E-04	3.78E-04	1.16E-04	8.95E-05	2.98E-05	6.97E-05	1.43E-05
8877	625287.73	4266673.7	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05	1.46E-05
8878	625278.49	4266677.34	4.67E-04	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.20E-05	1.48E-05
8879	625269.26	4266680.98	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05	1.50E-05
8880	625260.02	4266684.61	4.81E-04	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05	1.53E-05
8881	625250.78	4266688.25	4.88E-04	1.68E-04	4.08E-04	1.26E-04	9.67E-05	3.22E-05	7.53E-05	1.55E-05
8882	625241.54	4266691.89	4.95E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.65E-05	1.57E-05
8883	625232.3	4266695.53	5.03E-04	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.75E-05	1.59E-05
8884	625223.06	4266699.17	5.10E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.86E-05	1.62E-05
8885	625213.82	4266702.81	5.16E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05
8886	625204.58	4266706.45	5.23E-04	1.80E-04	4.37E-04	1.35E-04	1.04E-04	3.45E-05	8.07E-05	1.66E-05
8887	625195.34	4266710.09	5.30E-04	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
8888	625186.1	4266713.73	5.37E-04	1.85E-04	4.48E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05	1.70E-05
8889	625176.87	4266717.36	5.43E-04	1.87E-04	4.54E-04	1.40E-04	1.07E-04	3.58E-05	8.38E-05	1.72E-05
8890	625167.63	4266721	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05	1.74E-05
8891	625158.39	4266724.64	5.56E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05	1.76E-05
8892	625149.15	4266728.28	5.62E-04	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05	1.78E-05
8893	625139.91	4266731.92	5.67E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.76E-05	1.80E-05
8894	625130.67	4266735.56	5.73E-04	1.97E-04	4.79E-04	1.48E-04	1.13E-04	3.78E-05	8.84E-05	1.82E-05
8895	625121.43	4266739.2	5.79E-04	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05	1.84E-05
8896	625112.19	4266742.84	5.84E-04	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05	1.85E-05
8897	625102.95	4266746.47	5.89E-04	2.03E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05	1.87E-05
8898	625093.71	4266750.11	5.94E-04	2.04E-04	4.96E-04	1.53E-04	1.18E-04	3.91E-05	9.16E-05	1.88E-05
8899	625084.48	4266753.75	5.98E-04	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.23E-05	1.90E-05
8900	625075.24	4266757.39	6.02E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.97E-05	9.29E-05	1.91E-05

8901	625066	4266761.03	6.06E-04	2.08E-04	5.07E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05	1.92E-05
8902	625056.76	4266764.67	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.41E-05	1.94E-05
8903	625047.52	4266768.31	6.13E-04	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05	1.95E-05
8904	625038.28	4266771.95	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05	1.96E-05
8905	625029.04	4266775.58	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05	1.96E-05
8906	625019.8	4266779.22	6.21E-04	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.59E-05	1.97E-05
8907	625010.56	4266782.86	6.24E-04	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05	1.98E-05
8908	625001.32	4266786.5	6.26E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05	1.99E-05
8909	624992.08	4266790.14	6.27E-04	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.68E-05	1.99E-05
8910	624982.85	4266793.78	6.28E-04	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05	1.99E-05
8911	624973.61	4266797.42	6.29E-04	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.71E-05	2.00E-05
8912	624964.37	4266801.06	6.30E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.72E-05	2.00E-05
8913	624955.13	4266804.69	6.30E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.73E-05	2.00E-05
8914	624945.89	4266808.33	6.30E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.72E-05	2.00E-05
8915	624936.65	4266811.97	6.30E-04	2.17E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.72E-05	2.00E-05
8916	624927.41	4266815.61	6.29E-04	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.14E-05	9.71E-05	2.00E-05
8917	624918.17	4266819.25	6.28E-04	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.69E-05	1.99E-05
8918	624908.93	4266822.89	6.27E-04	2.15E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05	1.99E-05
8919	624899.69	4266826.53	6.25E-04	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05	1.98E-05
8920	624890.46	4266830.17	6.23E-04	2.14E-04	5.21E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05	1.98E-05
8921	624881.22	4266833.8	6.21E-04	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05	1.97E-05
8922	624871.98	4266837.44	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05	1.96E-05
8923	624862.74	4266841.08	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05	1.96E-05
8924	624853.5	4266844.72	6.13E-04	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05	1.95E-05
8925	624844.26	4266848.36	6.11E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05	1.94E-05
8926	625547.43	4266163.63	3.42E-04	1.18E-04	2.86E-04	8.80E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
8927	625547.59	4266153.7	3.42E-04	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
8928	625547.75	4266143.77	3.41E-04	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
8929	625547.92	4266133.83	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
8930	625548.08	4266123.9	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05	1.08E-05
8931	625548.24	4266113.97	3.41E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
8932	625548.41	4266104.03	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
8933	625548.57	4266094.1	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
8934	625548.73	4266084.17	3.40E-04	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
8935	625548.9	4266074.23	3.40E-04	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05	1.08E-05
8936	625549.06	4266064.3	3.40E-04	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05	1.08E-05
8937	625549.22	4266054.37	3.40E-04	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
8938	625549.39	4266044.43	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
8939	625549.55	4266034.5	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
8940	625549.71	4266024.57	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
8941	625549.88	4266014.63	3.40E-04	1.17E-04	2.85E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
8942	625550.04	4266004.7	3.41E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
8943	625550.21	4265994.77	3.41E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
8944	625550.37	4265984.83	3.41E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
8945	625550.53	4265974.9	3.41E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
8946	625550.7	4265964.97	3.41E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
8947	625550.86	4265955.03	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
8948	625551.02	4265945.1	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
8949	625551.19	4265935.17	3.40E-04	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05	1.08E-05
8950	625551.35	4265925.23	3.39E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
8951	625551.51	4265915.3	3.39E-04	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
8952	625551.68	4265905.37	3.38E-04	1.16E-04	2.83E-04	8.71E-05	6.70E-05	2.23E-05	5.22E-05	1.07E-05
8953	625551.84	4265895.43	3.38E-04	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05	1.07E-05

8954	625552	4265885.5	3.37E-04	1.16E-04	2.82E-04	8.69E-05	6.68E-05	2.22E-05	5.21E-05	1.07E-05
8955	625552.17	4265875.57	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
8956	625552.33	4265865.63	3.37E-04	1.16E-04	2.81E-04	8.67E-05	6.66E-05	2.22E-05	5.20E-05	1.07E-05
8957	625552.49	4265855.7	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
8958	625552.66	4265845.77	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
8959	625552.82	4265835.83	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
8960	625552.99	4265825.9	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05
8961	625553.15	4265815.97	3.37E-04	1.16E-04	2.81E-04	8.67E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
8962	625553.31	4265806.03	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.68E-05	2.22E-05	5.20E-05	1.07E-05
8963	625553.48	4265796.1	3.38E-04	1.16E-04	2.83E-04	8.71E-05	6.69E-05	2.23E-05	5.22E-05	1.07E-05
8964	625553.64	4265786.17	3.39E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05	1.08E-05
8965	625553.8	4265776.23	3.41E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05	1.08E-05
8966	625553.97	4265766.3	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.78E-05	2.26E-05	5.28E-05	1.09E-05
8967	625554.13	4265756.37	3.44E-04	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05	1.09E-05
8968	625554.29	4265746.43	3.46E-04	1.19E-04	2.89E-04	8.91E-05	6.85E-05	2.28E-05	5.34E-05	1.10E-05
8969	625554.46	4265736.5	3.48E-04	1.20E-04	2.91E-04	8.96E-05	6.89E-05	2.29E-05	5.37E-05	1.10E-05
8970	625554.62	4265726.57	3.50E-04	1.20E-04	2.93E-04	9.02E-05	6.93E-05	2.31E-05	5.41E-05	1.11E-05
8971	625554.78	4265716.63	3.53E-04	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05	1.12E-05
8972	625554.95	4265706.7	3.55E-04	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05	1.13E-05
8973	625555.11	4265696.77	3.56E-04	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05	1.13E-05
8974	625555.28	4265686.83	3.58E-04	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
8975	625635.61	4266192.48	2.99E-04	1.03E-04	2.50E-04	7.71E-05	5.92E-05	1.97E-05	4.62E-05	9.50E-06
8976	625631.67	4266201.55	3.01E-04	1.03E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.64E-05	9.55E-06
8977	625627.73	4266210.61	3.02E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
8978	625623.8	4266219.68	3.04E-04	1.04E-04	2.54E-04	7.82E-05	6.01E-05	2.00E-05	4.69E-05	9.64E-06
8979	625619.86	4266228.75	3.05E-04	1.05E-04	2.55E-04	7.85E-05	6.04E-05	2.01E-05	4.70E-05	9.68E-06
8980	625615.93	4266237.81	3.06E-04	1.05E-04	2.56E-04	7.88E-05	6.06E-05	2.02E-05	4.72E-05	9.71E-06
8981	625611.99	4266246.88	3.07E-04	1.06E-04	2.56E-04	7.90E-05	6.07E-05	2.02E-05	4.73E-05	9.74E-06
8982	625608.06	4266255.95	3.08E-04	1.06E-04	2.57E-04	7.92E-05	6.09E-05	2.03E-05	4.74E-05	9.76E-06
8983	625604.12	4266265.01	3.08E-04	1.06E-04	2.57E-04	7.93E-05	6.09E-05	2.03E-05	4.75E-05	9.77E-06
8984	625600.19	4266274.08	3.08E-04	1.06E-04	2.58E-04	7.93E-05	6.10E-05	2.03E-05	4.75E-05	9.78E-06
8985	625596.25	4266283.15	3.08E-04	1.06E-04	2.58E-04	7.93E-05	6.10E-05	2.03E-05	4.76E-05	9.78E-06
8986	625592.32	4266292.21	3.08E-04	1.06E-04	2.57E-04	7.93E-05	6.10E-05	2.03E-05	4.75E-05	9.78E-06
8987	625556.9	4266373.81	3.03E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
8988	625552.96	4266382.88	3.02E-04	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
8989	625549.03	4266391.95	3.02E-04	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.66E-05	9.58E-06
8990	625545.09	4266401.02	3.02E-04	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.65E-05	9.57E-06
8991	625541.16	4266410.08	3.02E-04	1.04E-04	2.52E-04	7.76E-05	5.97E-05	1.99E-05	4.65E-05	9.57E-06
8992	625537.22	4266419.15	3.02E-04	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.66E-05	9.58E-06
8993	625533.28	4266428.22	3.02E-04	1.04E-04	2.52E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.58E-06
8994	625529.35	4266437.28	3.03E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
8995	625525.41	4266446.35	3.03E-04	1.04E-04	2.53E-04	7.80E-05	6.00E-05	2.00E-05	4.68E-05	9.62E-06
8996	625521.48	4266455.42	3.04E-04	1.05E-04	2.54E-04	7.82E-05	6.02E-05	2.00E-05	4.69E-05	9.65E-06
8997	625517.54	4266464.48	3.05E-04	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05	9.68E-06
8998	625513.61	4266473.55	3.06E-04	1.05E-04	2.56E-04	7.88E-05	6.06E-05	2.02E-05	4.72E-05	9.71E-06
8999	625509.67	4266482.62	3.07E-04	1.06E-04	2.57E-04	7.91E-05	6.08E-05	2.02E-05	4.74E-05	9.75E-06
9000	625505.74	4266491.68	3.09E-04	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.03E-05	4.76E-05	9.79E-06
9001	625501.8	4266500.75	3.10E-04	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.04E-05	4.79E-05	9.84E-06
9002	625497.87	4266509.82	3.12E-04	1.07E-04	2.61E-04	8.03E-05	6.17E-05	2.05E-05	4.81E-05	9.89E-06
9003	625493.93	4266518.88	3.13E-04	1.08E-04	2.62E-04	8.07E-05	6.21E-05	2.07E-05	4.84E-05	9.95E-06
9004	625490	4266527.95	3.15E-04	1.08E-04	2.64E-04	8.12E-05	6.24E-05	2.08E-05	4.87E-05	1.00E-05
9005	625486.06	4266537.02	3.17E-04	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05	1.01E-05
9006	625482.12	4266546.08	3.19E-04	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05	1.01E-05

9007	625478.19	4266555.15	3.21E-04	1.11E-04	2.69E-04	8.27E-05	6.36E-05	2.12E-05	4.96E-05	1.02E-05
9008	625474.25	4266564.22	3.23E-04	1.11E-04	2.70E-04	8.33E-05	6.40E-05	2.13E-05	4.99E-05	1.03E-05
9009	625470.32	4266573.28	3.26E-04	1.12E-04	2.72E-04	8.38E-05	6.45E-05	2.15E-05	5.03E-05	1.03E-05
9010	625466.38	4266582.35	3.28E-04	1.13E-04	2.74E-04	8.44E-05	6.49E-05	2.16E-05	5.06E-05	1.04E-05
9011	625462.45	4266591.42	3.30E-04	1.14E-04	2.76E-04	8.50E-05	6.53E-05	2.18E-05	5.09E-05	1.05E-05
9012	625458.51	4266600.48	3.32E-04	1.14E-04	2.78E-04	8.56E-05	6.58E-05	2.19E-05	5.13E-05	1.05E-05
9013	625454.58	4266609.55	3.35E-04	1.15E-04	2.80E-04	8.62E-05	6.62E-05	2.20E-05	5.16E-05	1.06E-05
9014	625450.64	4266618.62	3.37E-04	1.16E-04	2.82E-04	8.67E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
9015	625446.71	4266627.68	3.39E-04	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
9016	625442.77	4266636.75	3.41E-04	1.17E-04	2.85E-04	8.79E-05	6.75E-05	2.25E-05	5.27E-05	1.08E-05
9017	625438.83	4266645.82	3.43E-04	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
9018	625434.9	4266654.88	3.45E-04	1.19E-04	2.89E-04	8.89E-05	6.84E-05	2.28E-05	5.33E-05	1.10E-05
9019	625430.96	4266663.95	3.47E-04	1.19E-04	2.90E-04	8.95E-05	6.88E-05	2.29E-05	5.36E-05	1.10E-05
9020	625427.03	4266673.02	3.49E-04	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.39E-05	1.11E-05
9021	625423.09	4266682.08	3.51E-04	1.21E-04	2.94E-04	9.04E-05	6.95E-05	2.31E-05	5.42E-05	1.11E-05
9022	625419.16	4266691.15	3.53E-04	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
9023	625415.22	4266700.22	3.55E-04	1.22E-04	2.97E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05	1.13E-05
9024	625411.29	4266709.28	3.56E-04	1.23E-04	2.98E-04	9.17E-05	7.05E-05	2.35E-05	5.50E-05	1.13E-05
9025	625407.35	4266718.35	3.58E-04	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05	1.14E-05
9026	625394.22	4266731.04	3.65E-04	1.25E-04	3.05E-04	9.39E-05	7.22E-05	2.40E-05	5.63E-05	1.16E-05
9027	625385.02	4266734.66	3.70E-04	1.27E-04	3.09E-04	9.53E-05	7.33E-05	2.44E-05	5.71E-05	1.17E-05
9028	625375.83	4266738.28	3.76E-04	1.29E-04	3.14E-04	9.67E-05	7.44E-05	2.48E-05	5.80E-05	1.19E-05
9029	625366.63	4266741.91	3.81E-04	1.31E-04	3.19E-04	9.81E-05	7.55E-05	2.51E-05	5.88E-05	1.21E-05
9030	625357.43	4266745.53	3.87E-04	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
9031	625348.24	4266749.15	3.92E-04	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05	1.24E-05
9032	625339.04	4266752.77	3.98E-04	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.14E-05	1.26E-05
9033	625329.84	4266756.39	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05	1.28E-05
9034	625320.65	4266760.02	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.09E-05	2.69E-05	6.30E-05	1.30E-05
9035	625311.45	4266763.64	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.39E-05	1.31E-05
9036	625302.25	4266767.26	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
9037	625293.06	4266770.88	4.24E-04	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05	1.35E-05
9038	625283.86	4266774.5	4.30E-04	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.63E-05	1.36E-05
9039	625274.67	4266778.13	4.35E-04	1.50E-04	3.63E-04	1.12E-04	8.61E-05	2.86E-05	6.71E-05	1.38E-05
9040	625265.47	4266781.75	4.40E-04	1.51E-04	3.68E-04	1.13E-04	8.71E-05	2.90E-05	6.79E-05	1.40E-05
9041	625256.27	4266785.37	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05	1.41E-05
9042	625247.08	4266788.99	4.50E-04	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05	1.43E-05
9043	625237.88	4266792.61	4.55E-04	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05	1.44E-05
9044	625228.68	4266796.24	4.60E-04	1.58E-04	3.84E-04	1.18E-04	9.10E-05	3.03E-05	7.09E-05	1.46E-05
9045	625219.49	4266799.86	4.64E-04	1.60E-04	3.88E-04	1.20E-04	9.19E-05	3.06E-05	7.17E-05	1.47E-05
9046	625210.29	4266803.48	4.69E-04	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.24E-05	1.49E-05
9047	625201.09	4266807.1	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.31E-05	1.50E-05
9048	625191.9	4266810.72	4.78E-04	1.64E-04	4.00E-04	1.23E-04	9.46E-05	3.15E-05	7.38E-05	1.52E-05
9049	625182.7	4266814.35	4.82E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05	1.53E-05
9050	625173.5	4266817.97	4.87E-04	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.21E-05	7.51E-05	1.54E-05
9051	625164.31	4266821.59	4.91E-04	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05	1.56E-05
9052	625155.11	4266825.21	4.95E-04	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05	1.57E-05
9053	625145.92	4266828.83	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05	1.58E-05
9054	625136.72	4266832.46	5.02E-04	1.73E-04	4.19E-04	1.29E-04	9.93E-05	3.31E-05	7.74E-05	1.59E-05
9055	625127.52	4266836.08	5.05E-04	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05	1.60E-05
9056	625118.33	4266839.7	5.08E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05	1.61E-05
9057	625109.13	4266843.32	5.11E-04	1.76E-04	4.27E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05	1.62E-05
9058	625099.93	4266846.94	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05	1.63E-05
9059	625090.74	4266850.57	5.17E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05	1.64E-05

9060	625081.54	4266854.19	5.19E-04	1.78E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05	1.65E-05
9061	625072.34	4266857.81	5.21E-04	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05	1.65E-05
9062	625063.15	4266861.43	5.23E-04	1.80E-04	4.37E-04	1.35E-04	1.04E-04	3.45E-05	8.07E-05	1.66E-05
9063	625053.95	4266865.05	5.25E-04	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05
9064	625044.75	4266868.68	5.27E-04	1.81E-04	4.40E-04	1.36E-04	1.04E-04	3.47E-05	8.13E-05	1.67E-05
9065	625035.56	4266872.3	5.28E-04	1.82E-04	4.41E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05	1.68E-05
9066	625026.36	4266875.92	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
9067	625017.16	4266879.54	5.30E-04	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.49E-05	8.18E-05	1.68E-05
9068	625007.97	4266883.16	5.31E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
9069	624998.77	4266886.79	5.32E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.50E-05	8.21E-05	1.69E-05
9070	624989.58	4266890.41	5.32E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.21E-05	1.69E-05
9071	624980.38	4266894.03	5.32E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05	1.69E-05
9072	624971.18	4266897.65	5.32E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.21E-05	1.69E-05
9073	624961.99	4266901.27	5.32E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.21E-05	1.69E-05
9074	624952.79	4266904.9	5.31E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05	1.69E-05
9075	624943.59	4266908.52	5.31E-04	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05	1.68E-05
9076	624934.4	4266912.14	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05	1.68E-05
9077	624925.2	4266915.76	5.28E-04	1.82E-04	4.41E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05	1.68E-05
9078	624916	4266919.38	5.26E-04	1.81E-04	4.40E-04	1.36E-04	1.04E-04	3.47E-05	8.12E-05	1.67E-05
9079	624906.81	4266923.01	5.25E-04	1.80E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05	1.67E-05
9080	624897.61	4266926.63	5.23E-04	1.80E-04	4.37E-04	1.35E-04	1.03E-04	3.44E-05	8.07E-05	1.66E-05
9081	624888.41	4266930.25	5.21E-04	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05	1.65E-05
9082	624879.22	4266933.87	5.18E-04	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.42E-05	8.00E-05	1.65E-05
9083	624870.02	4266937.49	5.16E-04	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05	1.64E-05
9084	624860.83	4266941.12	5.13E-04	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.92E-05	1.63E-05
9085	624851.63	4266944.74	5.11E-04	1.76E-04	4.27E-04	1.32E-04	1.01E-04	3.37E-05	7.88E-05	1.62E-05
9086	624842.43	4266948.36	5.08E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05	1.61E-05
9087	625647.41	4266165.28	2.94E-04	1.01E-04	2.45E-04	7.56E-05	5.81E-05	1.93E-05	4.53E-05	9.32E-06
9088	625647.58	4266155.35	2.93E-04	1.01E-04	2.45E-04	7.55E-05	5.81E-05	1.93E-05	4.53E-05	9.31E-06
9089	625647.74	4266145.41	2.93E-04	1.01E-04	2.45E-04	7.54E-05	5.80E-05	1.93E-05	4.52E-05	9.29E-06
9090	625647.9	4266135.48	2.92E-04	1.01E-04	2.44E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05	9.28E-06
9091	625648.07	4266125.55	2.92E-04	1.00E-04	2.44E-04	7.51E-05	5.78E-05	1.92E-05	4.50E-05	9.26E-06
9092	625648.23	4266115.61	2.91E-04	1.00E-04	2.43E-04	7.50E-05	5.77E-05	1.92E-05	4.49E-05	9.24E-06
9093	625648.39	4266105.68	2.91E-04	1.00E-04	2.43E-04	7.49E-05	5.75E-05	1.92E-05	4.49E-05	9.23E-06
9094	625648.56	4266095.75	2.90E-04	9.98E-05	2.43E-04	7.47E-05	5.74E-05	1.91E-05	4.48E-05	9.21E-06
9095	625648.72	4266085.81	2.90E-04	9.96E-05	2.42E-04	7.46E-05	5.74E-05	1.91E-05	4.47E-05	9.20E-06
9096	625648.88	4266075.88	2.89E-04	9.95E-05	2.42E-04	7.45E-05	5.73E-05	1.91E-05	4.46E-05	9.18E-06
9097	625649.05	4266065.95	2.89E-04	9.93E-05	2.41E-04	7.44E-05	5.72E-05	1.90E-05	4.46E-05	9.17E-06
9098	625649.21	4266056.01	2.88E-04	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05	9.15E-06
9099	625649.37	4266046.08	2.88E-04	9.90E-05	2.41E-04	7.42E-05	5.70E-05	1.90E-05	4.44E-05	9.14E-06
9100	625649.54	4266036.15	2.88E-04	9.89E-05	2.40E-04	7.40E-05	5.69E-05	1.89E-05	4.44E-05	9.13E-06
9101	625649.7	4266026.21	2.87E-04	9.87E-05	2.40E-04	7.39E-05	5.68E-05	1.89E-05	4.43E-05	9.11E-06
9102	625649.86	4266016.28	2.87E-04	9.86E-05	2.40E-04	7.38E-05	5.67E-05	1.89E-05	4.42E-05	9.10E-06
9103	625650.03	4266006.35	2.86E-04	9.84E-05	2.39E-04	7.37E-05	5.67E-05	1.89E-05	4.42E-05	9.08E-06
9104	625650.19	4265996.41	2.86E-04	9.83E-05	2.39E-04	7.36E-05	5.66E-05	1.88E-05	4.41E-05	9.07E-06
9105	625650.36	4265986.48	2.85E-04	9.81E-05	2.39E-04	7.35E-05	5.65E-05	1.88E-05	4.40E-05	9.06E-06
9106	625650.52	4265976.55	2.85E-04	9.79E-05	2.38E-04	7.33E-05	5.64E-05	1.88E-05	4.39E-05	9.04E-06
9107	625650.68	4265966.61	2.84E-04	9.77E-05	2.37E-04	7.31E-05	5.62E-05	1.87E-05	4.38E-05	9.01E-06
9108	625650.85	4265956.68	2.83E-04	9.74E-05	2.37E-04	7.29E-05	5.61E-05	1.87E-05	4.37E-05	8.99E-06
9109	625651.01	4265946.75	2.82E-04	9.71E-05	2.36E-04	7.27E-05	5.59E-05	1.86E-05	4.36E-05	8.96E-06
9110	625651.17	4265936.81	2.82E-04	9.69E-05	2.35E-04	7.25E-05	5.58E-05	1.86E-05	4.35E-05	8.94E-06
9111	625651.34	4265926.88	2.81E-04	9.66E-05	2.35E-04	7.23E-05	5.56E-05	1.85E-05	4.34E-05	8.92E-06
9112	625651.5	4265916.95	2.80E-04	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05	8.90E-06

9113	625651.66	4265907.01	2.80E-04	9.62E-05	2.34E-04	7.20E-05	5.53E-05	1.84E-05	4.31E-05	8.87E-06
9114	625651.83	4265897.08	2.79E-04	9.60E-05	2.33E-04	7.19E-05	5.52E-05	1.84E-05	4.31E-05	8.86E-06
9115	625651.99	4265887.15	2.78E-04	9.57E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.29E-05	8.83E-06
9116	625652.15	4265877.21	2.78E-04	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.28E-05	8.81E-06
9117	625652.32	4265867.28	2.77E-04	9.53E-05	2.32E-04	7.13E-05	5.48E-05	1.83E-05	4.28E-05	8.79E-06
9118	625652.48	4265857.35	2.77E-04	9.52E-05	2.31E-04	7.13E-05	5.48E-05	1.82E-05	4.27E-05	8.79E-06
9119	625652.64	4265847.41	2.77E-04	9.52E-05	2.31E-04	7.13E-05	5.48E-05	1.82E-05	4.27E-05	8.79E-06
9120	625652.81	4265837.48	2.77E-04	9.53E-05	2.32E-04	7.13E-05	5.48E-05	1.83E-05	4.28E-05	8.79E-06
9121	625652.97	4265827.55	2.77E-04	9.54E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05	8.80E-06
9122	625653.14	4265817.61	2.78E-04	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.29E-05	8.82E-06
9123	625653.3	4265807.68	2.78E-04	9.58E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.30E-05	8.84E-06
9124	625653.46	4265797.75	2.79E-04	9.60E-05	2.33E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05	8.86E-06
9125	625653.63	4265787.81	2.80E-04	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.85E-05	4.32E-05	8.89E-06
9126	625653.79	4265777.88	2.81E-04	9.67E-05	2.35E-04	7.24E-05	5.57E-05	1.85E-05	4.34E-05	8.92E-06
9127	625653.95	4265767.95	2.83E-04	9.72E-05	2.36E-04	7.28E-05	5.59E-05	1.86E-05	4.36E-05	8.97E-06
9128	625654.12	4265758.01	2.84E-04	9.77E-05	2.38E-04	7.32E-05	5.63E-05	1.87E-05	4.39E-05	9.02E-06
9129	625654.28	4265748.08	2.86E-04	9.83E-05	2.39E-04	7.36E-05	5.66E-05	1.88E-05	4.41E-05	9.08E-06
9130	625654.44	4265738.15	2.88E-04	9.90E-05	2.41E-04	7.41E-05	5.70E-05	1.90E-05	4.44E-05	9.13E-06
9131	625654.61	4265728.21	2.90E-04	9.96E-05	2.42E-04	7.46E-05	5.73E-05	1.91E-05	4.47E-05	9.19E-06
9132	625654.77	4265718.28	2.91E-04	1.00E-04	2.44E-04	7.50E-05	5.77E-05	1.92E-05	4.50E-05	9.25E-06
9133	625654.93	4265708.35	2.93E-04	1.01E-04	2.45E-04	7.56E-05	5.81E-05	1.93E-05	4.53E-05	9.31E-06
9134	625655.1	4265698.41	2.95E-04	1.02E-04	2.47E-04	7.61E-05	5.85E-05	1.95E-05	4.56E-05	9.38E-06
9135	625655.26	4265688.48	2.98E-04	1.02E-04	2.49E-04	7.66E-05	5.89E-05	1.96E-05	4.59E-05	9.44E-06
9136	625735.63	4266194.03	2.61E-04	8.98E-05	2.18E-04	6.73E-05	5.17E-05	1.72E-05	4.03E-05	8.29E-06
9137	625731.71	4266203.06	2.63E-04	9.03E-05	2.20E-04	6.76E-05	5.20E-05	1.73E-05	4.05E-05	8.34E-06
9138	625727.79	4266212.1	2.64E-04	9.08E-05	2.21E-04	6.80E-05	5.23E-05	1.74E-05	4.08E-05	8.38E-06
9139	625723.87	4266221.13	2.65E-04	9.12E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.09E-05	8.42E-06
9140	625719.95	4266230.17	2.66E-04	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.76E-05	4.11E-05	8.46E-06
9141	625716.03	4266239.2	2.68E-04	9.20E-05	2.24E-04	6.89E-05	5.30E-05	1.76E-05	4.13E-05	8.49E-06
9142	625712.11	4266248.23	2.68E-04	9.23E-05	2.24E-04	6.91E-05	5.31E-05	1.77E-05	4.14E-05	8.52E-06
9143	625708.18	4266257.27	2.69E-04	9.25E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
9144	625704.26	4266266.3	2.70E-04	9.27E-05	2.25E-04	6.94E-05	5.34E-05	1.78E-05	4.16E-05	8.55E-06
9145	625700.34	4266275.34	2.70E-04	9.28E-05	2.25E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05	8.56E-06
9146	625696.42	4266284.37	2.70E-04	9.28E-05	2.26E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05	8.57E-06
9147	625692.5	4266293.41	2.70E-04	9.28E-05	2.26E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05	8.56E-06
9148	625688.58	4266302.44	2.70E-04	9.27E-05	2.25E-04	6.94E-05	5.34E-05	1.78E-05	4.16E-05	8.56E-06
9149	625684.66	4266311.48	2.69E-04	9.26E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
9150	625680.73	4266320.51	2.69E-04	9.24E-05	2.25E-04	6.92E-05	5.32E-05	1.77E-05	4.15E-05	8.53E-06
9151	625676.81	4266329.54	2.68E-04	9.22E-05	2.24E-04	6.90E-05	5.31E-05	1.77E-05	4.14E-05	8.51E-06
9152	625672.89	4266338.58	2.67E-04	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.12E-05	8.48E-06
9153	625668.97	4266347.61	2.66E-04	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.76E-05	4.11E-05	8.46E-06
9154	625665.05	4266356.65	2.65E-04	9.13E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.10E-05	8.42E-06
9155	625661.13	4266365.68	2.64E-04	9.09E-05	2.21E-04	6.81E-05	5.23E-05	1.74E-05	4.08E-05	8.39E-06
9156	625657.21	4266374.72	2.63E-04	9.06E-05	2.20E-04	6.78E-05	5.21E-05	1.74E-05	4.06E-05	8.36E-06
9157	625653.29	4266383.75	2.62E-04	9.03E-05	2.19E-04	6.76E-05	5.20E-05	1.73E-05	4.05E-05	8.33E-06
9158	625649.36	4266392.78	2.62E-04	9.00E-05	2.19E-04	6.74E-05	5.18E-05	1.72E-05	4.04E-05	8.30E-06
9159	625645.44	4266401.82	2.61E-04	8.97E-05	2.18E-04	6.72E-05	5.16E-05	1.72E-05	4.02E-05	8.28E-06
9160	625641.52	4266410.85	2.60E-04	8.95E-05	2.17E-04	6.70E-05	5.15E-05	1.71E-05	4.01E-05	8.26E-06
9161	625637.6	4266419.89	2.60E-04	8.93E-05	2.17E-04	6.68E-05	5.14E-05	1.71E-05	4.01E-05	8.24E-06
9162	625633.68	4266428.92	2.59E-04	8.91E-05	2.17E-04	6.67E-05	5.13E-05	1.71E-05	4.00E-05	8.23E-06
9163	625570.94	4266573.47	2.69E-04	9.26E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
9164	625567.02	4266582.51	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.59E-06
9165	625563.09	4266591.54	2.72E-04	9.36E-05	2.28E-04	7.01E-05	5.39E-05	1.79E-05	4.20E-05	8.64E-06

9166	625559.17	4266600.58	2.74E-04	9.42E-05	2.29E-04	7.05E-05	5.42E-05	1.80E-05	4.22E-05	8.69E-06
9167	625555.25	4266609.61	2.75E-04	9.47E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05	8.74E-06
9168	625551.33	4266618.64	2.77E-04	9.53E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05	8.80E-06
9169	625547.41	4266627.68	2.79E-04	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.30E-05	8.85E-06
9170	625543.49	4266636.71	2.81E-04	9.65E-05	2.35E-04	7.23E-05	5.56E-05	1.85E-05	4.33E-05	8.91E-06
9171	625539.57	4266645.75	2.83E-04	9.72E-05	2.36E-04	7.27E-05	5.59E-05	1.86E-05	4.36E-05	8.97E-06
9172	625535.64	4266654.78	2.84E-04	9.78E-05	2.38E-04	7.32E-05	5.63E-05	1.87E-05	4.39E-05	9.03E-06
9173	625531.72	4266663.82	2.86E-04	9.84E-05	2.39E-04	7.37E-05	5.67E-05	1.89E-05	4.42E-05	9.08E-06
9174	625527.8	4266672.85	2.88E-04	9.91E-05	2.41E-04	7.42E-05	5.70E-05	1.90E-05	4.45E-05	9.14E-06
9175	625523.88	4266681.89	2.90E-04	9.97E-05	2.42E-04	7.47E-05	5.74E-05	1.91E-05	4.47E-05	9.20E-06
9176	625519.96	4266690.92	2.92E-04	1.00E-04	2.44E-04	7.51E-05	5.78E-05	1.92E-05	4.50E-05	9.26E-06
9177	625516.04	4266699.95	2.94E-04	1.01E-04	2.45E-04	7.56E-05	5.81E-05	1.93E-05	4.53E-05	9.32E-06
9178	625512.12	4266708.99	2.95E-04	1.02E-04	2.47E-04	7.61E-05	5.85E-05	1.95E-05	4.56E-05	9.38E-06
9179	625508.2	4266718.02	2.97E-04	1.02E-04	2.48E-04	7.65E-05	5.88E-05	1.96E-05	4.59E-05	9.43E-06
9180	625504.27	4266727.06	2.99E-04	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.61E-05	9.49E-06
9181	625500.35	4266736.09	3.01E-04	1.03E-04	2.51E-04	7.74E-05	5.95E-05	1.98E-05	4.64E-05	9.54E-06
9182	625496.43	4266745.13	3.02E-04	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
9183	625492.51	4266754.16	3.04E-04	1.04E-04	2.54E-04	7.82E-05	6.01E-05	2.00E-05	4.69E-05	9.64E-06
9184	625488.59	4266763.19	3.05E-04	1.05E-04	2.55E-04	7.86E-05	6.04E-05	2.01E-05	4.71E-05	9.69E-06
9185	625484.67	4266772.23	3.07E-04	1.05E-04	2.56E-04	7.89E-05	6.07E-05	2.02E-05	4.73E-05	9.73E-06
9186	625480.75	4266781.26	3.08E-04	1.06E-04	2.57E-04	7.93E-05	6.10E-05	2.03E-05	4.75E-05	9.77E-06
9187	625476.82	4266790.3	3.09E-04	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05	9.81E-06
9188	625463.74	4266802.94	3.15E-04	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.86E-05	9.99E-06
9189	625454.58	4266806.55	3.19E-04	1.10E-04	2.67E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05	1.01E-05
9190	625445.41	4266810.16	3.23E-04	1.11E-04	2.70E-04	8.32E-05	6.40E-05	2.13E-05	4.99E-05	1.03E-05
9191	625436.25	4266813.77	3.28E-04	1.13E-04	2.74E-04	8.44E-05	6.48E-05	2.16E-05	5.06E-05	1.04E-05
9192	625427.08	4266817.38	3.32E-04	1.14E-04	2.77E-04	8.55E-05	6.57E-05	2.19E-05	5.12E-05	1.05E-05
9193	625417.92	4266820.99	3.36E-04	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.19E-05	1.07E-05
9194	625408.76	4266824.6	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
9195	625399.59	4266828.2	3.45E-04	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05	1.09E-05
9196	625390.43	4266831.81	3.49E-04	1.20E-04	2.91E-04	8.98E-05	6.90E-05	2.30E-05	5.38E-05	1.11E-05
9197	625381.27	4266835.42	3.53E-04	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05	1.12E-05
9198	625372.1	4266839.03	3.57E-04	1.23E-04	2.98E-04	9.19E-05	7.06E-05	2.35E-05	5.51E-05	1.13E-05
9199	625362.94	4266842.64	3.61E-04	1.24E-04	3.02E-04	9.29E-05	7.14E-05	2.38E-05	5.57E-05	1.15E-05
9200	625353.78	4266846.25	3.65E-04	1.25E-04	3.05E-04	9.39E-05	7.22E-05	2.40E-05	5.63E-05	1.16E-05
9201	625344.61	4266849.86	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
9202	625335.45	4266853.47	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05	1.18E-05
9203	625326.29	4266857.08	3.77E-04	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05	1.19E-05
9204	625317.12	4266860.69	3.80E-04	1.31E-04	3.18E-04	9.79E-05	7.53E-05	2.51E-05	5.87E-05	1.21E-05
9205	625307.96	4266864.3	3.84E-04	1.32E-04	3.21E-04	9.89E-05	7.60E-05	2.53E-05	5.93E-05	1.22E-05
9206	625298.79	4266867.9	3.88E-04	1.33E-04	3.24E-04	9.99E-05	7.68E-05	2.56E-05	5.99E-05	1.23E-05
9207	625289.63	4266871.51	3.92E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05	1.24E-05
9208	625280.47	4266875.12	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.10E-05	1.25E-05
9209	625271.3	4266878.73	3.99E-04	1.37E-04	3.33E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05	1.27E-05
9210	625262.14	4266882.34	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05	1.28E-05
9211	625252.98	4266885.95	4.06E-04	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05	1.29E-05
9212	625243.81	4266889.56	4.10E-04	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05	1.30E-05
9213	625234.65	4266893.17	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05	1.31E-05
9214	625225.49	4266896.78	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05	1.32E-05
9215	625216.32	4266900.39	4.19E-04	1.44E-04	3.51E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05	1.33E-05
9216	625207.16	4266903.99	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05	1.34E-05
9217	625197.99	4266907.6	4.26E-04	1.46E-04	3.56E-04	1.10E-04	8.42E-05	2.80E-05	6.57E-05	1.35E-05
9218	625188.83	4266911.21	4.29E-04	1.47E-04	3.58E-04	1.10E-04	8.48E-05	2.82E-05	6.61E-05	1.36E-05

9219	625179.67	4266914.82	4.31E-04	1.48E-04	3.60E-04	1.11E-04	8.54E-05	2.84E-05	6.65E-05	1.37E-05
9220	625170.5	4266918.43	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.59E-05	2.86E-05	6.70E-05	1.38E-05
9221	625161.34	4266922.04	4.36E-04	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.87E-05	6.73E-05	1.38E-05
9222	625152.18	4266925.65	4.39E-04	1.51E-04	3.67E-04	1.13E-04	8.68E-05	2.89E-05	6.77E-05	1.39E-05
9223	625143.01	4266929.26	4.41E-04	1.52E-04	3.69E-04	1.14E-04	8.73E-05	2.90E-05	6.80E-05	1.40E-05
9224	625133.85	4266932.87	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.83E-05	1.41E-05
9225	625124.69	4266936.48	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.80E-05	2.93E-05	6.86E-05	1.41E-05
9226	625115.52	4266940.09	4.47E-04	1.54E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05	1.42E-05
9227	625106.36	4266943.69	4.48E-04	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05	1.42E-05
9228	625097.2	4266947.3	4.50E-04	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05	1.43E-05
9229	625088.03	4266950.91	4.51E-04	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05	1.43E-05
9230	625078.87	4266954.52	4.52E-04	1.56E-04	3.78E-04	1.16E-04	8.96E-05	2.98E-05	6.98E-05	1.44E-05
9231	625069.7	4266958.13	4.54E-04	1.56E-04	3.79E-04	1.17E-04	8.98E-05	2.99E-05	7.00E-05	1.44E-05
9232	625060.54	4266961.74	4.55E-04	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05	1.44E-05
9233	625051.38	4266965.35	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05	1.45E-05
9234	625042.21	4266968.96	4.56E-04	1.57E-04	3.81E-04	1.18E-04	9.03E-05	3.01E-05	7.04E-05	1.45E-05
9235	625033.05	4266972.57	4.57E-04	1.57E-04	3.82E-04	1.18E-04	9.05E-05	3.01E-05	7.05E-05	1.45E-05
9236	625023.89	4266976.18	4.58E-04	1.57E-04	3.82E-04	1.18E-04	9.06E-05	3.01E-05	7.06E-05	1.45E-05
9237	625014.72	4266979.79	4.58E-04	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.07E-05	1.45E-05
9238	625005.56	4266983.39	4.58E-04	1.57E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05	1.45E-05
9239	624996.4	4266987	4.58E-04	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.07E-05	1.45E-05
9240	624987.23	4266990.61	4.58E-04	1.57E-04	3.82E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05	1.45E-05
9241	624978.07	4266994.22	4.57E-04	1.57E-04	3.82E-04	1.18E-04	9.05E-05	3.01E-05	7.05E-05	1.45E-05
9242	624968.9	4266997.83	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.01E-05	7.04E-05	1.45E-05
9243	624959.74	4267001.44	4.55E-04	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05	1.45E-05
9244	624950.58	4267005.05	4.54E-04	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05	1.44E-05
9245	624941.41	4267008.66	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.98E-05	6.99E-05	1.44E-05
9246	624932.25	4267012.27	4.51E-04	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05	1.43E-05
9247	624923.09	4267015.88	4.50E-04	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05	1.43E-05
9248	624913.92	4267019.48	4.48E-04	1.54E-04	3.74E-04	1.15E-04	8.86E-05	2.95E-05	6.91E-05	1.42E-05
9249	624904.76	4267023.09	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05	1.41E-05
9250	624895.6	4267026.7	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05	1.41E-05
9251	624886.43	4267030.31	4.42E-04	1.52E-04	3.69E-04	1.14E-04	8.74E-05	2.91E-05	6.81E-05	1.40E-05
9252	624877.27	4267033.92	4.39E-04	1.51E-04	3.67E-04	1.13E-04	8.69E-05	2.89E-05	6.78E-05	1.39E-05
9253	624868.1	4267037.53	4.37E-04	1.50E-04	3.65E-04	1.12E-04	8.65E-05	2.88E-05	6.74E-05	1.39E-05
9254	624858.94	4267041.14	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05	1.38E-05
9255	624849.78	4267044.75	4.32E-04	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.66E-05	1.37E-05
9256	624840.61	4267048.36	4.29E-04	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.63E-05	1.36E-05
9257	625747.56	4266156.99	2.56E-04	8.79E-05	2.14E-04	6.58E-05	5.06E-05	1.68E-05	3.94E-05	8.11E-06
9258	625747.73	4266147.06	2.55E-04	8.77E-05	2.13E-04	6.57E-05	5.05E-05	1.68E-05	3.93E-05	8.09E-06
9259	625747.89	4266137.13	2.54E-04	8.75E-05	2.13E-04	6.55E-05	5.03E-05	1.68E-05	3.92E-05	8.07E-06
9260	625748.05	4266127.19	2.54E-04	8.72E-05	2.12E-04	6.53E-05	5.02E-05	1.67E-05	3.91E-05	8.05E-06
9261	625748.22	4266117.26	2.53E-04	8.70E-05	2.11E-04	6.51E-05	5.01E-05	1.67E-05	3.90E-05	8.03E-06
9262	625748.38	4266107.33	2.52E-04	8.67E-05	2.11E-04	6.49E-05	4.99E-05	1.66E-05	3.89E-05	8.00E-06
9263	625748.54	4266097.39	2.51E-04	8.64E-05	2.10E-04	6.47E-05	4.97E-05	1.66E-05	3.88E-05	7.97E-06
9264	625748.71	4266087.46	2.50E-04	8.61E-05	2.09E-04	6.45E-05	4.96E-05	1.65E-05	3.86E-05	7.95E-06
9265	625748.87	4266077.53	2.50E-04	8.58E-05	2.09E-04	6.43E-05	4.94E-05	1.64E-05	3.85E-05	7.92E-06
9266	625749.03	4266067.59	2.49E-04	8.55E-05	2.08E-04	6.41E-05	4.92E-05	1.64E-05	3.84E-05	7.90E-06
9267	625749.2	4266057.66	2.48E-04	8.53E-05	2.07E-04	6.38E-05	4.91E-05	1.63E-05	3.83E-05	7.87E-06
9268	625749.36	4266047.73	2.47E-04	8.50E-05	2.07E-04	6.36E-05	4.89E-05	1.63E-05	3.81E-05	7.84E-06
9269	625749.52	4266037.79	2.46E-04	8.47E-05	2.06E-04	6.34E-05	4.87E-05	1.62E-05	3.80E-05	7.82E-06
9270	625749.69	4266027.86	2.46E-04	8.44E-05	2.05E-04	6.32E-05	4.86E-05	1.62E-05	3.79E-05	7.79E-06
9271	625749.85	4266017.93	2.45E-04	8.42E-05	2.05E-04	6.30E-05	4.85E-05	1.61E-05	3.78E-05	7.77E-06

9272	625750.01	4266007.99	2.44E-04	8.38E-05	2.04E-04	6.28E-05	4.82E-05	1.61E-05	3.76E-05	7.73E-06
9273	625750.18	4265998.06	2.43E-04	8.34E-05	2.03E-04	6.24E-05	4.80E-05	1.60E-05	3.74E-05	7.70E-06
9274	625750.34	4265988.13	2.41E-04	8.30E-05	2.02E-04	6.21E-05	4.78E-05	1.59E-05	3.72E-05	7.66E-06
9275	625750.51	4265978.19	2.40E-04	8.27E-05	2.01E-04	6.19E-05	4.76E-05	1.58E-05	3.71E-05	7.63E-06
9276	625750.67	4265968.26	2.40E-04	8.24E-05	2.00E-04	6.17E-05	4.74E-05	1.58E-05	3.70E-05	7.61E-06
9277	625750.83	4265958.33	2.39E-04	8.21E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05	7.58E-06
9278	625751	4265948.39	2.38E-04	8.18E-05	1.99E-04	6.13E-05	4.71E-05	1.57E-05	3.67E-05	7.55E-06
9279	625751.16	4265938.46	2.37E-04	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05	7.52E-06
9280	625751.32	4265928.53	2.36E-04	8.12E-05	1.97E-04	6.08E-05	4.67E-05	1.56E-05	3.64E-05	7.49E-06
9281	625751.49	4265918.59	2.35E-04	8.09E-05	1.97E-04	6.06E-05	4.66E-05	1.55E-05	3.63E-05	7.46E-06
9282	625751.65	4265908.66	2.34E-04	8.06E-05	1.96E-04	6.04E-05	4.64E-05	1.54E-05	3.62E-05	7.44E-06
9283	625751.81	4265898.73	2.34E-04	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06
9284	625751.98	4265888.79	2.33E-04	8.03E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05	7.41E-06
9285	625752.14	4265878.86	2.33E-04	8.02E-05	1.95E-04	6.00E-05	4.61E-05	1.54E-05	3.60E-05	7.40E-06
9286	625752.3	4265868.93	2.33E-04	8.01E-05	1.95E-04	6.00E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
9287	625752.47	4265858.99	2.33E-04	8.01E-05	1.95E-04	5.99E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
9288	625752.63	4265849.06	2.33E-04	8.00E-05	1.95E-04	5.99E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
9289	625752.79	4265839.13	2.33E-04	8.01E-05	1.95E-04	6.00E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
9290	625752.96	4265829.19	2.33E-04	8.02E-05	1.95E-04	6.00E-05	4.62E-05	1.54E-05	3.60E-05	7.40E-06
9291	625753.12	4265819.26	2.34E-04	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06
9292	625753.29	4265809.33	2.34E-04	8.06E-05	1.96E-04	6.03E-05	4.64E-05	1.54E-05	3.62E-05	7.44E-06
9293	625753.45	4265799.39	2.35E-04	8.09E-05	1.97E-04	6.06E-05	4.66E-05	1.55E-05	3.63E-05	7.47E-06
9294	625753.61	4265789.46	2.36E-04	8.13E-05	1.98E-04	6.09E-05	4.68E-05	1.56E-05	3.65E-05	7.50E-06
9295	625753.78	4265779.53	2.38E-04	8.17E-05	1.99E-04	6.12E-05	4.70E-05	1.57E-05	3.67E-05	7.54E-06
9296	625753.94	4265769.59	2.39E-04	8.22E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05	7.58E-06
9297	625754.1	4265759.66	2.40E-04	8.27E-05	2.01E-04	6.19E-05	4.76E-05	1.58E-05	3.71E-05	7.63E-06
9298	625754.27	4265749.73	2.42E-04	8.32E-05	2.02E-04	6.23E-05	4.79E-05	1.59E-05	3.73E-05	7.68E-06
9299	625754.43	4265739.79	2.44E-04	8.38E-05	2.04E-04	6.27E-05	4.82E-05	1.60E-05	3.76E-05	7.73E-06
9300	625754.59	4265729.86	2.45E-04	8.43E-05	2.05E-04	6.31E-05	4.85E-05	1.62E-05	3.78E-05	7.78E-06
9301	625754.76	4265719.93	2.47E-04	8.49E-05	2.06E-04	6.36E-05	4.89E-05	1.63E-05	3.81E-05	7.84E-06
9302	625754.92	4265709.99	2.49E-04	8.56E-05	2.08E-04	6.41E-05	4.92E-05	1.64E-05	3.84E-05	7.90E-06
9303	625755.08	4265700.06	2.51E-04	8.62E-05	2.09E-04	6.45E-05	4.96E-05	1.65E-05	3.87E-05	7.95E-06
9304	625755.25	4265690.13	2.52E-04	8.68E-05	2.11E-04	6.50E-05	5.00E-05	1.66E-05	3.89E-05	8.01E-06
9305	625835.65	4266195.6	2.31E-04	7.94E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05	7.32E-06
9306	625831.74	4266204.61	2.32E-04	7.99E-05	1.94E-04	5.98E-05	4.60E-05	1.53E-05	3.58E-05	7.37E-06
9307	625827.83	4266213.61	2.33E-04	8.03E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05	7.41E-06
9308	625823.92	4266222.62	2.35E-04	8.07E-05	1.96E-04	6.04E-05	4.64E-05	1.55E-05	3.62E-05	7.45E-06
9309	625820.01	4266231.63	2.36E-04	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05	7.48E-06
9310	625816.1	4266240.64	2.37E-04	8.14E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.65E-05	7.51E-06
9311	625812.19	4266249.65	2.38E-04	8.17E-05	1.99E-04	6.12E-05	4.70E-05	1.57E-05	3.67E-05	7.54E-06
9312	625808.28	4266258.66	2.38E-04	8.20E-05	1.99E-04	6.14E-05	4.72E-05	1.57E-05	3.68E-05	7.57E-06
9313	625804.37	4266267.67	2.39E-04	8.22E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05	7.58E-06
9314	625800.46	4266276.68	2.39E-04	8.23E-05	2.00E-04	6.16E-05	4.74E-05	1.58E-05	3.69E-05	7.60E-06
9315	625796.55	4266285.68	2.40E-04	8.24E-05	2.00E-04	6.17E-05	4.75E-05	1.58E-05	3.70E-05	7.61E-06
9316	625792.64	4266294.69	2.40E-04	8.25E-05	2.01E-04	6.18E-05	4.75E-05	1.58E-05	3.70E-05	7.61E-06
9317	625788.73	4266303.7	2.40E-04	8.25E-05	2.00E-04	6.18E-05	4.75E-05	1.58E-05	3.70E-05	7.61E-06
9318	625784.82	4266312.71	2.40E-04	8.24E-05	2.00E-04	6.17E-05	4.74E-05	1.58E-05	3.70E-05	7.61E-06
9319	625780.91	4266321.72	2.39E-04	8.23E-05	2.00E-04	6.16E-05	4.74E-05	1.58E-05	3.69E-05	7.59E-06
9320	625777	4266330.73	2.39E-04	8.21E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05	7.58E-06
9321	625773.09	4266339.74	2.38E-04	8.19E-05	1.99E-04	6.13E-05	4.71E-05	1.57E-05	3.68E-05	7.56E-06
9322	625769.18	4266348.74	2.37E-04	8.17E-05	1.98E-04	6.11E-05	4.70E-05	1.56E-05	3.66E-05	7.54E-06
9323	625765.27	4266357.75	2.37E-04	8.14E-05	1.98E-04	6.09E-05	4.68E-05	1.56E-05	3.65E-05	7.51E-06
9324	625761.36	4266366.76	2.36E-04	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05	7.48E-06

9325	625757.45	4266375.77	2.35E-04	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.62E-05	7.45E-06
9326	625753.54	4266384.78	2.34E-04	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06
9327	625749.63	4266393.79	2.33E-04	8.00E-05	1.95E-04	5.99E-05	4.61E-05	1.53E-05	3.59E-05	7.39E-06
9328	625745.72	4266402.8	2.32E-04	7.97E-05	1.94E-04	5.97E-05	4.59E-05	1.53E-05	3.58E-05	7.35E-06
9329	625741.81	4266411.8	2.31E-04	7.93E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05	7.32E-06
9330	625737.9	4266420.81	2.30E-04	7.90E-05	1.92E-04	5.92E-05	4.55E-05	1.51E-05	3.55E-05	7.29E-06
9331	625733.99	4266429.82	2.29E-04	7.87E-05	1.91E-04	5.90E-05	4.53E-05	1.51E-05	3.53E-05	7.27E-06
9332	625730.08	4266438.83	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.24E-06
9333	625726.17	4266447.84	2.28E-04	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
9334	625722.26	4266456.85	2.27E-04	7.81E-05	1.90E-04	5.84E-05	4.49E-05	1.50E-05	3.50E-05	7.20E-06
9335	625718.35	4266465.86	2.27E-04	7.79E-05	1.89E-04	5.83E-05	4.48E-05	1.49E-05	3.50E-05	7.19E-06
9336	625714.44	4266474.87	2.26E-04	7.78E-05	1.89E-04	5.82E-05	4.48E-05	1.49E-05	3.49E-05	7.18E-06
9337	625710.53	4266483.87	2.26E-04	7.77E-05	1.89E-04	5.82E-05	4.47E-05	1.49E-05	3.49E-05	7.17E-06
9338	625706.62	4266492.88	2.26E-04	7.77E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05	7.17E-06
9339	625702.71	4266501.89	2.26E-04	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05	7.16E-06
9340	625698.8	4266510.9	2.26E-04	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05	7.16E-06
9341	625694.89	4266519.91	2.26E-04	7.77E-05	1.89E-04	5.82E-05	4.47E-05	1.49E-05	3.49E-05	7.17E-06
9342	625690.98	4266528.92	2.26E-04	7.78E-05	1.89E-04	5.82E-05	4.48E-05	1.49E-05	3.49E-05	7.18E-06
9343	625687.07	4266537.93	2.27E-04	7.79E-05	1.89E-04	5.83E-05	4.48E-05	1.49E-05	3.50E-05	7.19E-06
9344	625683.16	4266546.93	2.27E-04	7.81E-05	1.90E-04	5.85E-05	4.49E-05	1.50E-05	3.50E-05	7.21E-06
9345	625679.25	4266555.94	2.28E-04	7.83E-05	1.90E-04	5.86E-05	4.51E-05	1.50E-05	3.51E-05	7.22E-06
9346	625675.34	4266564.95	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05	7.24E-06
9347	625671.43	4266573.96	2.29E-04	7.87E-05	1.91E-04	5.90E-05	4.53E-05	1.51E-05	3.53E-05	7.27E-06
9348	625667.52	4266582.97	2.30E-04	7.90E-05	1.92E-04	5.92E-05	4.55E-05	1.51E-05	3.55E-05	7.29E-06
9349	625663.61	4266591.98	2.31E-04	7.93E-05	1.93E-04	5.94E-05	4.56E-05	1.52E-05	3.56E-05	7.32E-06
9350	625659.7	4266600.99	2.32E-04	7.96E-05	1.93E-04	5.96E-05	4.58E-05	1.53E-05	3.57E-05	7.35E-06
9351	625655.79	4266609.99	2.32E-04	7.99E-05	1.94E-04	5.99E-05	4.60E-05	1.53E-05	3.59E-05	7.38E-06
9352	625651.88	4266619	2.34E-04	8.03E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05	7.41E-06
9353	625647.96	4266628.01	2.35E-04	8.07E-05	1.96E-04	6.04E-05	4.64E-05	1.55E-05	3.62E-05	7.45E-06
9354	625644.05	4266637.02	2.36E-04	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05	7.48E-06
9355	625640.14	4266646.03	2.37E-04	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05	7.52E-06
9356	625636.23	4266655.04	2.38E-04	8.19E-05	1.99E-04	6.13E-05	4.72E-05	1.57E-05	3.68E-05	7.56E-06
9357	625632.32	4266664.05	2.40E-04	8.24E-05	2.00E-04	6.17E-05	4.74E-05	1.58E-05	3.70E-05	7.60E-06
9358	625628.41	4266673.06	2.41E-04	8.29E-05	2.01E-04	6.20E-05	4.77E-05	1.59E-05	3.72E-05	7.65E-06
9359	625624.5	4266682.06	2.42E-04	8.34E-05	2.03E-04	6.24E-05	4.80E-05	1.60E-05	3.74E-05	7.69E-06
9360	625569.76	4266808.19	2.64E-04	9.06E-05	2.20E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05	8.37E-06
9361	625565.85	4266817.19	2.65E-04	9.11E-05	2.21E-04	6.82E-05	5.24E-05	1.75E-05	4.09E-05	8.41E-06
9362	625561.94	4266826.2	2.66E-04	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.75E-05	4.11E-05	8.45E-06
9363	625558.03	4266835.21	2.68E-04	9.20E-05	2.24E-04	6.89E-05	5.30E-05	1.76E-05	4.13E-05	8.49E-06
9364	625554.12	4266844.22	2.69E-04	9.24E-05	2.25E-04	6.92E-05	5.32E-05	1.77E-05	4.15E-05	8.53E-06
9365	625550.21	4266853.23	2.70E-04	9.28E-05	2.26E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05	8.56E-06
9366	625546.3	4266862.24	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05	8.60E-06
9367	625533.25	4266874.84	2.75E-04	9.47E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05	8.74E-06
9368	625524.11	4266878.44	2.79E-04	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.30E-05	8.85E-06
9369	625514.98	4266882.04	2.82E-04	9.71E-05	2.36E-04	7.27E-05	5.59E-05	1.86E-05	4.36E-05	8.96E-06
9370	625505.84	4266885.64	2.86E-04	9.83E-05	2.39E-04	7.36E-05	5.66E-05	1.88E-05	4.41E-05	9.07E-06
9371	625496.7	4266889.24	2.89E-04	9.95E-05	2.42E-04	7.45E-05	5.73E-05	1.91E-05	4.46E-05	9.18E-06
9372	625487.56	4266892.84	2.93E-04	1.01E-04	2.45E-04	7.53E-05	5.79E-05	1.93E-05	4.52E-05	9.29E-06
9373	625478.43	4266896.44	2.96E-04	1.02E-04	2.47E-04	7.62E-05	5.86E-05	1.95E-05	4.57E-05	9.39E-06
9374	625469.29	4266900.04	2.99E-04	1.03E-04	2.50E-04	7.71E-05	5.92E-05	1.97E-05	4.62E-05	9.50E-06
9375	625460.15	4266903.63	3.03E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05	9.60E-06
9376	625451.01	4266907.23	3.06E-04	1.05E-04	2.56E-04	7.87E-05	6.05E-05	2.01E-05	4.72E-05	9.71E-06
9377	625441.88	4266910.83	3.09E-04	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05	9.81E-06

9378	625432.74	4266914.43	3.12E-04	1.07E-04	2.61E-04	8.04E-05	6.18E-05	2.06E-05	4.82E-05	9.91E-06
9379	625423.6	4266918.03	3.15E-04	1.08E-04	2.63E-04	8.12E-05	6.24E-05	2.08E-05	4.86E-05	1.00E-05
9380	625414.46	4266921.63	3.18E-04	1.09E-04	2.66E-04	8.19E-05	6.30E-05	2.10E-05	4.91E-05	1.01E-05
9381	625405.33	4266925.23	3.21E-04	1.10E-04	2.69E-04	8.27E-05	6.36E-05	2.12E-05	4.96E-05	1.02E-05
9382	625396.19	4266928.83	3.24E-04	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.00E-05	1.03E-05
9383	625387.05	4266932.42	3.27E-04	1.13E-04	2.74E-04	8.43E-05	6.48E-05	2.16E-05	5.05E-05	1.04E-05
9384	625377.91	4266936.02	3.30E-04	1.14E-04	2.76E-04	8.50E-05	6.54E-05	2.18E-05	5.09E-05	1.05E-05
9385	625368.78	4266939.62	3.33E-04	1.15E-04	2.78E-04	8.58E-05	6.59E-05	2.19E-05	5.14E-05	1.06E-05
9386	625359.64	4266943.22	3.36E-04	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.18E-05	1.07E-05
9387	625350.5	4266946.82	3.39E-04	1.17E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
9388	625341.36	4266950.42	3.42E-04	1.17E-04	2.86E-04	8.80E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
9389	625332.23	4266954.02	3.45E-04	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05	1.09E-05
9390	625323.09	4266957.62	3.47E-04	1.19E-04	2.90E-04	8.94E-05	6.88E-05	2.29E-05	5.36E-05	1.10E-05
9391	625313.95	4266961.22	3.50E-04	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05	1.11E-05
9392	625304.81	4266964.81	3.53E-04	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
9393	625295.68	4266968.41	3.56E-04	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05	1.13E-05
9394	625286.54	4266972.01	3.58E-04	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05	1.14E-05
9395	625277.4	4266975.61	3.61E-04	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.57E-05	1.15E-05
9396	625268.26	4266979.21	3.64E-04	1.25E-04	3.04E-04	9.36E-05	7.20E-05	2.40E-05	5.61E-05	1.15E-05
9397	625259.13	4266982.81	3.66E-04	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05	1.16E-05
9398	625249.99	4266986.41	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05	1.17E-05
9399	625240.85	4266990.01	3.71E-04	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05	1.18E-05
9400	625231.71	4266993.6	3.74E-04	1.28E-04	3.12E-04	9.62E-05	7.39E-05	2.46E-05	5.76E-05	1.19E-05
9401	625222.58	4266997.2	3.76E-04	1.29E-04	3.14E-04	9.68E-05	7.44E-05	2.48E-05	5.80E-05	1.19E-05
9402	625213.44	4267000.8	3.78E-04	1.30E-04	3.16E-04	9.73E-05	7.48E-05	2.49E-05	5.83E-05	1.20E-05
9403	625204.3	4267004.4	3.80E-04	1.31E-04	3.18E-04	9.78E-05	7.52E-05	2.50E-05	5.86E-05	1.21E-05
9404	625195.16	4267008	3.82E-04	1.31E-04	3.19E-04	9.83E-05	7.56E-05	2.52E-05	5.89E-05	1.21E-05
9405	625186.03	4267011.6	3.84E-04	1.32E-04	3.21E-04	9.88E-05	7.59E-05	2.53E-05	5.92E-05	1.22E-05
9406	625176.89	4267015.2	3.85E-04	1.33E-04	3.22E-04	9.92E-05	7.63E-05	2.54E-05	5.95E-05	1.22E-05
9407	625167.75	4267018.8	3.87E-04	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
9408	625158.61	4267022.39	3.88E-04	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	5.99E-05	1.23E-05
9409	625149.48	4267025.99	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05	1.24E-05
9410	625140.34	4267029.59	3.91E-04	1.35E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.04E-05	1.24E-05
9411	625131.2	4267033.19	3.92E-04	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.05E-05	1.25E-05
9412	625122.06	4267036.79	3.94E-04	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.07E-05	1.25E-05
9413	625112.93	4267040.39	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05	1.25E-05
9414	625103.79	4267043.99	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.83E-05	2.61E-05	6.10E-05	1.26E-05
9415	625094.65	4267047.59	3.97E-04	1.36E-04	3.31E-04	1.02E-04	7.85E-05	2.61E-05	6.12E-05	1.26E-05
9416	625085.51	4267051.18	3.97E-04	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.13E-05	1.26E-05
9417	625076.38	4267054.78	3.98E-04	1.37E-04	3.33E-04	1.03E-04	7.88E-05	2.62E-05	6.14E-05	1.26E-05
9418	625067.24	4267058.38	3.99E-04	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.27E-05
9419	625058.1	4267061.98	3.99E-04	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05	1.27E-05
9420	625048.96	4267065.58	4.00E-04	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.17E-05	1.27E-05
9421	625039.83	4267069.18	4.00E-04	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.63E-05	6.17E-05	1.27E-05
9422	625030.69	4267072.78	4.00E-04	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.64E-05	6.17E-05	1.27E-05
9423	625021.55	4267076.38	4.00E-04	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.63E-05	6.17E-05	1.27E-05
9424	625012.41	4267079.97	4.00E-04	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.17E-05	1.27E-05
9425	625003.28	4267083.57	3.99E-04	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05	1.27E-05
9426	624994.14	4267087.17	3.98E-04	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05	1.26E-05
9427	624985	4267090.77	3.98E-04	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.14E-05	1.26E-05
9428	624975.86	4267094.37	3.97E-04	1.36E-04	3.32E-04	1.02E-04	7.85E-05	2.61E-05	6.12E-05	1.26E-05
9429	624966.73	4267097.97	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.83E-05	2.61E-05	6.10E-05	1.25E-05
9430	624957.59	4267101.57	3.94E-04	1.35E-04	3.29E-04	1.01E-04	7.80E-05	2.60E-05	6.08E-05	1.25E-05

9431	624948.45	4267105.17	3.92E-04	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05	1.25E-05
9432	624939.31	4267108.77	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.57E-05	6.03E-05	1.24E-05
9433	624930.18	4267112.36	3.89E-04	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.00E-05	1.23E-05
9434	624921.04	4267115.96	3.87E-04	1.33E-04	3.24E-04	9.97E-05	7.66E-05	2.55E-05	5.97E-05	1.23E-05
9435	624911.9	4267119.56	3.85E-04	1.32E-04	3.22E-04	9.92E-05	7.62E-05	2.54E-05	5.94E-05	1.22E-05
9436	624902.76	4267123.16	3.83E-04	1.32E-04	3.20E-04	9.86E-05	7.58E-05	2.52E-05	5.91E-05	1.22E-05
9437	624893.63	4267126.76	3.81E-04	1.31E-04	3.18E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05	1.21E-05
9438	624884.49	4267130.36	3.79E-04	1.30E-04	3.17E-04	9.75E-05	7.50E-05	2.50E-05	5.85E-05	1.20E-05
9439	624875.35	4267133.96	3.77E-04	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.81E-05	1.20E-05
9440	624866.21	4267137.56	3.75E-04	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05	1.19E-05
9441	624857.08	4267141.15	3.72E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05	1.18E-05
9442	624847.94	4267144.75	3.70E-04	1.27E-04	3.09E-04	9.53E-05	7.33E-05	2.44E-05	5.71E-05	1.18E-05
9443	624838.8	4267148.35	3.68E-04	1.27E-04	3.08E-04	9.48E-05	7.29E-05	2.43E-05	5.68E-05	1.17E-05
9444	625847.55	4266158.64	2.25E-04	7.75E-05	1.88E-04	5.80E-05	4.46E-05	1.49E-05	3.48E-05	7.15E-06
9445	625847.71	4266148.71	2.25E-04	7.73E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05	7.13E-06
9446	625847.88	4266138.77	2.24E-04	7.70E-05	1.87E-04	5.76E-05	4.43E-05	1.48E-05	3.45E-05	7.11E-06
9447	625848.04	4266128.84	2.23E-04	7.67E-05	1.86E-04	5.74E-05	4.41E-05	1.47E-05	3.44E-05	7.08E-06
9448	625848.2	4266118.91	2.22E-04	7.64E-05	1.86E-04	5.72E-05	4.40E-05	1.46E-05	3.43E-05	7.05E-06
9449	625848.37	4266108.97	2.21E-04	7.61E-05	1.85E-04	5.70E-05	4.38E-05	1.46E-05	3.41E-05	7.02E-06
9450	625848.53	4266099.04	2.20E-04	7.57E-05	1.84E-04	5.67E-05	4.36E-05	1.45E-05	3.40E-05	6.99E-06
9451	625848.69	4266089.11	2.19E-04	7.54E-05	1.83E-04	5.64E-05	4.34E-05	1.44E-05	3.38E-05	6.95E-06
9452	625848.86	4266079.17	2.18E-04	7.50E-05	1.82E-04	5.61E-05	4.31E-05	1.44E-05	3.36E-05	6.92E-06
9453	625849.02	4266069.24	2.17E-04	7.45E-05	1.81E-04	5.58E-05	4.29E-05	1.43E-05	3.34E-05	6.88E-06
9454	625849.18	4266059.31	2.15E-04	7.41E-05	1.80E-04	5.55E-05	4.26E-05	1.42E-05	3.32E-05	6.84E-06
9455	625849.35	4266049.37	2.14E-04	7.36E-05	1.79E-04	5.51E-05	4.24E-05	1.41E-05	3.30E-05	6.79E-06
9456	625849.51	4266039.44	2.13E-04	7.32E-05	1.78E-04	5.48E-05	4.21E-05	1.40E-05	3.28E-05	6.75E-06
9457	625849.67	4266029.51	2.12E-04	7.27E-05	1.77E-04	5.45E-05	4.19E-05	1.39E-05	3.26E-05	6.71E-06
9458	625849.84	4266019.57	2.10E-04	7.23E-05	1.76E-04	5.41E-05	4.16E-05	1.39E-05	3.24E-05	6.67E-06
9459	625850	4266009.64	2.09E-04	7.19E-05	1.75E-04	5.38E-05	4.14E-05	1.38E-05	3.23E-05	6.64E-06
9460	625850.16	4265999.71	2.08E-04	7.16E-05	1.74E-04	5.36E-05	4.12E-05	1.37E-05	3.21E-05	6.60E-06
9461	625850.33	4265989.77	2.07E-04	7.12E-05	1.73E-04	5.33E-05	4.10E-05	1.36E-05	3.20E-05	6.57E-06
9462	625850.49	4265979.84	2.06E-04	7.08E-05	1.72E-04	5.30E-05	4.08E-05	1.36E-05	3.18E-05	6.54E-06
9463	625850.66	4265969.91	2.05E-04	7.04E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05	6.50E-06
9464	625850.82	4265959.97	2.04E-04	7.00E-05	1.70E-04	5.24E-05	4.03E-05	1.34E-05	3.14E-05	6.46E-06
9465	625850.98	4265950.04	2.03E-04	6.97E-05	1.69E-04	5.22E-05	4.01E-05	1.34E-05	3.13E-05	6.43E-06
9466	625851.15	4265940.11	2.02E-04	6.94E-05	1.69E-04	5.20E-05	4.00E-05	1.33E-05	3.12E-05	6.41E-06
9467	625851.31	4265930.17	2.01E-04	6.92E-05	1.68E-04	5.18E-05	3.98E-05	1.33E-05	3.10E-05	6.38E-06
9468	625851.47	4265920.24	2.01E-04	6.90E-05	1.68E-04	5.16E-05	3.97E-05	1.32E-05	3.09E-05	6.36E-06
9469	625851.64	4265910.31	2.00E-04	6.88E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.09E-05	6.35E-06
9470	625851.8	4265900.37	2.00E-04	6.86E-05	1.67E-04	5.14E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9471	625851.96	4265890.44	1.99E-04	6.85E-05	1.67E-04	5.13E-05	3.94E-05	1.31E-05	3.08E-05	6.32E-06
9472	625852.13	4265880.51	1.99E-04	6.85E-05	1.66E-04	5.13E-05	3.94E-05	1.31E-05	3.07E-05	6.32E-06
9473	625852.29	4265870.57	1.99E-04	6.85E-05	1.66E-04	5.13E-05	3.94E-05	1.31E-05	3.07E-05	6.32E-06
9474	625852.45	4265860.64	1.99E-04	6.85E-05	1.67E-04	5.13E-05	3.94E-05	1.31E-05	3.07E-05	6.32E-06
9475	625852.62	4265850.71	1.99E-04	6.86E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9476	625852.78	4265840.77	2.00E-04	6.87E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.08E-05	6.34E-06
9477	625852.94	4265830.84	2.00E-04	6.89E-05	1.67E-04	5.16E-05	3.97E-05	1.32E-05	3.09E-05	6.36E-06
9478	625853.11	4265820.91	2.01E-04	6.91E-05	1.68E-04	5.17E-05	3.98E-05	1.32E-05	3.10E-05	6.38E-06
9479	625853.27	4265810.97	2.02E-04	6.94E-05	1.69E-04	5.20E-05	3.99E-05	1.33E-05	3.11E-05	6.40E-06
9480	625853.44	4265801.04	2.03E-04	6.97E-05	1.69E-04	5.22E-05	4.01E-05	1.34E-05	3.13E-05	6.43E-06
9481	625853.6	4265791.11	2.04E-04	7.00E-05	1.70E-04	5.24E-05	4.03E-05	1.34E-05	3.14E-05	6.46E-06
9482	625853.76	4265781.17	2.05E-04	7.04E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05	6.50E-06
9483	625853.93	4265771.24	2.06E-04	7.09E-05	1.72E-04	5.30E-05	4.08E-05	1.36E-05	3.18E-05	6.54E-06

9484	625854.09	4265761.31	2.07E-04	7.13E-05	1.73E-04	5.34E-05	4.10E-05	1.37E-05	3.20E-05	6.58E-06
9485	625854.25	4265751.37	2.09E-04	7.18E-05	1.74E-04	5.37E-05	4.13E-05	1.38E-05	3.22E-05	6.62E-06
9486	625854.42	4265741.44	2.10E-04	7.23E-05	1.76E-04	5.41E-05	4.16E-05	1.38E-05	3.24E-05	6.67E-06
9487	625854.58	4265731.51	2.12E-04	7.28E-05	1.77E-04	5.45E-05	4.19E-05	1.39E-05	3.27E-05	6.72E-06
9488	625854.74	4265721.57	2.13E-04	7.33E-05	1.78E-04	5.49E-05	4.22E-05	1.40E-05	3.29E-05	6.77E-06
9489	625854.91	4265711.64	2.15E-04	7.39E-05	1.80E-04	5.53E-05	4.25E-05	1.42E-05	3.31E-05	6.82E-06
9490	625855.07	4265701.71	2.16E-04	7.44E-05	1.81E-04	5.57E-05	4.28E-05	1.43E-05	3.34E-05	6.86E-06
9491	625855.23	4265691.77	2.18E-04	7.49E-05	1.82E-04	5.61E-05	4.31E-05	1.44E-05	3.36E-05	6.92E-06
9492	625939.48	4266188.4	2.05E-04	7.03E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05	6.49E-06
9493	625935.53	4266197.5	2.06E-04	7.08E-05	1.72E-04	5.30E-05	4.08E-05	1.36E-05	3.18E-05	6.54E-06
9494	625931.58	4266206.59	2.07E-04	7.13E-05	1.73E-04	5.34E-05	4.10E-05	1.37E-05	3.20E-05	6.58E-06
9495	625927.64	4266215.68	2.09E-04	7.17E-05	1.74E-04	5.37E-05	4.13E-05	1.37E-05	3.22E-05	6.62E-06
9496	625923.69	4266224.78	2.10E-04	7.22E-05	1.75E-04	5.40E-05	4.15E-05	1.38E-05	3.24E-05	6.66E-06
9497	625919.74	4266233.87	2.11E-04	7.25E-05	1.76E-04	5.43E-05	4.17E-05	1.39E-05	3.25E-05	6.69E-06
9498	625915.8	4266242.97	2.12E-04	7.29E-05	1.77E-04	5.46E-05	4.19E-05	1.40E-05	3.27E-05	6.73E-06
9499	625911.85	4266252.06	2.13E-04	7.32E-05	1.78E-04	5.48E-05	4.21E-05	1.40E-05	3.28E-05	6.75E-06
9500	625907.9	4266261.15	2.14E-04	7.35E-05	1.79E-04	5.50E-05	4.23E-05	1.41E-05	3.30E-05	6.78E-06
9501	625903.95	4266270.25	2.14E-04	7.37E-05	1.79E-04	5.52E-05	4.24E-05	1.41E-05	3.31E-05	6.80E-06
9502	625900.01	4266279.34	2.15E-04	7.39E-05	1.80E-04	5.53E-05	4.25E-05	1.42E-05	3.31E-05	6.82E-06
9503	625896.06	4266288.43	2.15E-04	7.40E-05	1.80E-04	5.54E-05	4.26E-05	1.42E-05	3.32E-05	6.83E-06
9504	625892.11	4266297.53	2.15E-04	7.41E-05	1.80E-04	5.55E-05	4.26E-05	1.42E-05	3.32E-05	6.84E-06
9505	625888.17	4266306.62	2.15E-04	7.41E-05	1.80E-04	5.55E-05	4.27E-05	1.42E-05	3.32E-05	6.84E-06
9506	625884.22	4266315.71	2.15E-04	7.41E-05	1.80E-04	5.55E-05	4.26E-05	1.42E-05	3.32E-05	6.84E-06
9507	625880.27	4266324.81	2.15E-04	7.40E-05	1.80E-04	5.54E-05	4.26E-05	1.42E-05	3.32E-05	6.83E-06
9508	625876.33	4266333.9	2.15E-04	7.39E-05	1.80E-04	5.53E-05	4.25E-05	1.42E-05	3.32E-05	6.82E-06
9509	625872.38	4266342.99	2.15E-04	7.38E-05	1.79E-04	5.52E-05	4.25E-05	1.41E-05	3.31E-05	6.81E-06
9510	625868.43	4266352.09	2.14E-04	7.36E-05	1.79E-04	5.51E-05	4.24E-05	1.41E-05	3.30E-05	6.79E-06
9511	625864.48	4266361.18	2.13E-04	7.33E-05	1.78E-04	5.49E-05	4.22E-05	1.41E-05	3.29E-05	6.77E-06
9512	625860.54	4266370.27	2.13E-04	7.31E-05	1.78E-04	5.47E-05	4.21E-05	1.40E-05	3.28E-05	6.74E-06
9513	625856.59	4266379.37	2.12E-04	7.28E-05	1.77E-04	5.45E-05	4.19E-05	1.39E-05	3.27E-05	6.72E-06
9514	625852.64	4266388.46	2.11E-04	7.25E-05	1.76E-04	5.43E-05	4.17E-05	1.39E-05	3.25E-05	6.69E-06
9515	625848.7	4266397.55	2.10E-04	7.22E-05	1.75E-04	5.40E-05	4.15E-05	1.38E-05	3.24E-05	6.66E-06
9516	625844.75	4266406.65	2.09E-04	7.18E-05	1.75E-04	5.38E-05	4.13E-05	1.38E-05	3.22E-05	6.63E-06
9517	625840.8	4266415.74	2.08E-04	7.15E-05	1.74E-04	5.35E-05	4.11E-05	1.37E-05	3.21E-05	6.60E-06
9518	625836.86	4266424.83	2.07E-04	7.11E-05	1.73E-04	5.32E-05	4.09E-05	1.36E-05	3.19E-05	6.56E-06
9519	625832.91	4266433.93	2.06E-04	7.08E-05	1.72E-04	5.30E-05	4.07E-05	1.36E-05	3.18E-05	6.53E-06
9520	625828.96	4266443.02	2.05E-04	7.04E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05	6.50E-06
9521	625825.01	4266452.11	2.04E-04	7.01E-05	1.70E-04	5.25E-05	4.04E-05	1.34E-05	3.15E-05	6.47E-06
9522	625821.07	4266461.21	2.03E-04	6.98E-05	1.70E-04	5.23E-05	4.02E-05	1.34E-05	3.13E-05	6.44E-06
9523	625817.12	4266470.3	2.02E-04	6.95E-05	1.69E-04	5.21E-05	4.00E-05	1.33E-05	3.12E-05	6.42E-06
9524	625813.17	4266479.39	2.02E-04	6.93E-05	1.68E-04	5.19E-05	3.99E-05	1.33E-05	3.11E-05	6.39E-06
9525	625809.23	4266488.49	2.01E-04	6.91E-05	1.68E-04	5.17E-05	3.98E-05	1.32E-05	3.10E-05	6.38E-06
9526	625805.28	4266497.58	2.00E-04	6.89E-05	1.68E-04	5.16E-05	3.97E-05	1.32E-05	3.09E-05	6.36E-06
9527	625801.33	4266506.67	2.00E-04	6.88E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.09E-05	6.35E-06
9528	625797.39	4266515.77	2.00E-04	6.87E-05	1.67E-04	5.14E-05	3.95E-05	1.32E-05	3.08E-05	6.34E-06
9529	625793.44	4266524.86	1.99E-04	6.86E-05	1.67E-04	5.14E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9530	625789.49	4266533.95	1.99E-04	6.86E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9531	625785.54	4266543.05	1.99E-04	6.85E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9532	625781.6	4266552.14	1.99E-04	6.86E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9533	625777.65	4266561.24	2.00E-04	6.86E-05	1.67E-04	5.14E-05	3.95E-05	1.31E-05	3.08E-05	6.33E-06
9534	625773.7	4266570.33	2.00E-04	6.87E-05	1.67E-04	5.14E-05	3.95E-05	1.32E-05	3.08E-05	6.34E-06
9535	625769.76	4266579.42	2.00E-04	6.87E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.08E-05	6.34E-06
9536	625765.81	4266588.52	2.00E-04	6.88E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.09E-05	6.35E-06

9537	625761.86	4266597.61	2.01E-04	6.90E-05	1.68E-04	5.17E-05	3.97E-05	1.32E-05	3.10E-05	6.37E-06
9538	625757.92	4266606.7	2.01E-04	6.92E-05	1.68E-04	5.18E-05	3.98E-05	1.33E-05	3.10E-05	6.38E-06
9539	625753.97	4266615.8	2.02E-04	6.94E-05	1.69E-04	5.19E-05	3.99E-05	1.33E-05	3.11E-05	6.40E-06
9540	625750.02	4266624.89	2.02E-04	6.96E-05	1.69E-04	5.21E-05	4.00E-05	1.33E-05	3.12E-05	6.42E-06
9541	625746.07	4266633.98	2.03E-04	6.98E-05	1.70E-04	5.23E-05	4.02E-05	1.34E-05	3.13E-05	6.44E-06
9542	625742.13	4266643.08	2.04E-04	7.00E-05	1.70E-04	5.24E-05	4.03E-05	1.34E-05	3.14E-05	6.46E-06
9543	625738.18	4266652.17	2.04E-04	7.03E-05	1.71E-04	5.26E-05	4.05E-05	1.35E-05	3.15E-05	6.49E-06
9544	625734.23	4266661.26	2.05E-04	7.06E-05	1.72E-04	5.29E-05	4.06E-05	1.35E-05	3.17E-05	6.52E-06
9545	625730.29	4266670.36	2.06E-04	7.09E-05	1.72E-04	5.31E-05	4.08E-05	1.36E-05	3.18E-05	6.54E-06
9546	625726.34	4266679.45	2.07E-04	7.12E-05	1.73E-04	5.33E-05	4.10E-05	1.36E-05	3.19E-05	6.57E-06
9547	625722.39	4266688.54	2.08E-04	7.15E-05	1.74E-04	5.35E-05	4.12E-05	1.37E-05	3.21E-05	6.60E-06
9548	625718.45	4266697.64	2.09E-04	7.19E-05	1.75E-04	5.38E-05	4.14E-05	1.38E-05	3.22E-05	6.63E-06
9549	625714.5	4266706.73	2.10E-04	7.22E-05	1.76E-04	5.41E-05	4.16E-05	1.38E-05	3.24E-05	6.66E-06
9550	625710.55	4266715.82	2.11E-04	7.26E-05	1.76E-04	5.43E-05	4.18E-05	1.39E-05	3.26E-05	6.70E-06
9551	625706.6	4266724.92	2.12E-04	7.30E-05	1.77E-04	5.46E-05	4.20E-05	1.40E-05	3.27E-05	6.73E-06
9552	625702.66	4266734.01	2.13E-04	7.34E-05	1.78E-04	5.49E-05	4.22E-05	1.41E-05	3.29E-05	6.77E-06
9553	625698.71	4266743.1	2.15E-04	7.38E-05	1.79E-04	5.52E-05	4.25E-05	1.41E-05	3.31E-05	6.81E-06
9554	625694.76	4266752.2	2.16E-04	7.42E-05	1.80E-04	5.56E-05	4.27E-05	1.42E-05	3.33E-05	6.85E-06
9555	625682.92	4266779.48	2.20E-04	7.55E-05	1.84E-04	5.66E-05	4.35E-05	1.45E-05	3.39E-05	6.97E-06
9556	625678.98	4266788.57	2.21E-04	7.60E-05	1.85E-04	5.69E-05	4.37E-05	1.46E-05	3.41E-05	7.01E-06
9557	625675.03	4266797.66	2.22E-04	7.64E-05	1.86E-04	5.72E-05	4.40E-05	1.46E-05	3.43E-05	7.06E-06
9558	625671.08	4266806.76	2.24E-04	7.69E-05	1.87E-04	5.76E-05	4.43E-05	1.47E-05	3.45E-05	7.10E-06
9559	625667.13	4266815.85	2.25E-04	7.74E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05	7.14E-06
9560	625663.19	4266824.94	2.26E-04	7.78E-05	1.89E-04	5.82E-05	4.48E-05	1.49E-05	3.49E-05	7.18E-06
9561	625659.24	4266834.04	2.28E-04	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05	7.22E-06
9562	625655.29	4266843.13	2.29E-04	7.87E-05	1.91E-04	5.89E-05	4.53E-05	1.51E-05	3.53E-05	7.26E-06
9563	625651.35	4266852.22	2.30E-04	7.91E-05	1.92E-04	5.92E-05	4.55E-05	1.52E-05	3.55E-05	7.30E-06
9564	625647.4	4266861.32	2.31E-04	7.95E-05	1.93E-04	5.96E-05	4.58E-05	1.52E-05	3.57E-05	7.34E-06
9565	625643.45	4266870.41	2.33E-04	8.00E-05	1.94E-04	5.99E-05	4.60E-05	1.53E-05	3.59E-05	7.38E-06
9566	625639.51	4266879.51	2.34E-04	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05	7.42E-06
9567	625635.56	4266888.6	2.35E-04	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.62E-05	7.45E-06
9568	625631.61	4266897.69	2.36E-04	8.12E-05	1.97E-04	6.08E-05	4.67E-05	1.56E-05	3.64E-05	7.49E-06
9569	625627.66	4266906.79	2.37E-04	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05	7.52E-06
9570	625623.72	4266915.88	2.38E-04	8.19E-05	1.99E-04	6.13E-05	4.71E-05	1.57E-05	3.67E-05	7.56E-06
9571	625619.77	4266924.97	2.39E-04	8.22E-05	2.00E-04	6.16E-05	4.73E-05	1.58E-05	3.69E-05	7.59E-06
9572	625565.76	4266961.32	2.55E-04	8.78E-05	2.13E-04	6.58E-05	5.06E-05	1.68E-05	3.94E-05	8.11E-06
9573	625556.54	4266964.95	2.58E-04	8.88E-05	2.16E-04	6.65E-05	5.11E-05	1.70E-05	3.98E-05	8.19E-06
9574	625547.31	4266968.59	2.61E-04	8.98E-05	2.18E-04	6.72E-05	5.17E-05	1.72E-05	4.03E-05	8.28E-06
9575	625538.09	4266972.22	2.64E-04	9.07E-05	2.20E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05	8.37E-06
9576	625528.87	4266975.85	2.66E-04	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.76E-05	4.11E-05	8.46E-06
9577	625519.64	4266979.49	2.69E-04	9.25E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05	8.54E-06
9578	625510.42	4266983.12	2.72E-04	9.34E-05	2.27E-04	6.99E-05	5.38E-05	1.79E-05	4.19E-05	8.62E-06
9579	625501.19	4266986.75	2.74E-04	9.43E-05	2.29E-04	7.06E-05	5.43E-05	1.81E-05	4.23E-05	8.70E-06
9580	625491.97	4266990.38	2.77E-04	9.51E-05	2.31E-04	7.12E-05	5.48E-05	1.82E-05	4.27E-05	8.78E-06
9581	625482.75	4266994.02	2.79E-04	9.60E-05	2.33E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05	8.86E-06
9582	625473.52	4266997.65	2.82E-04	9.68E-05	2.35E-04	7.25E-05	5.57E-05	1.86E-05	4.34E-05	8.94E-06
9583	625464.3	4267001.28	2.84E-04	9.76E-05	2.37E-04	7.31E-05	5.62E-05	1.87E-05	4.38E-05	9.01E-06
9584	625455.08	4267004.91	2.86E-04	9.84E-05	2.39E-04	7.37E-05	5.67E-05	1.89E-05	4.42E-05	9.09E-06
9585	625445.85	4267008.55	2.89E-04	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05	9.16E-06
9586	625436.63	4267012.18	2.91E-04	1.00E-04	2.43E-04	7.49E-05	5.76E-05	1.92E-05	4.49E-05	9.23E-06
9587	625427.41	4267015.81	2.93E-04	1.01E-04	2.45E-04	7.55E-05	5.80E-05	1.93E-05	4.52E-05	9.30E-06
9588	625418.18	4267019.44	2.95E-04	1.02E-04	2.47E-04	7.61E-05	5.85E-05	1.95E-05	4.56E-05	9.37E-06
9589	625408.96	4267023.08	2.98E-04	1.02E-04	2.49E-04	7.66E-05	5.89E-05	1.96E-05	4.59E-05	9.45E-06

9590	625399.74	4267026.71	3.00E-04	1.03E-04	2.51E-04	7.72E-05	5.94E-05	1.98E-05	4.63E-05	9.52E-06
9591	625390.51	4267030.34	3.02E-04	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05	9.59E-06
9592	625381.29	4267033.98	3.04E-04	1.05E-04	2.54E-04	7.84E-05	6.03E-05	2.01E-05	4.70E-05	9.66E-06
9593	625372.07	4267037.61	3.07E-04	1.05E-04	2.56E-04	7.89E-05	6.07E-05	2.02E-05	4.73E-05	9.73E-06
9594	625362.84	4267041.24	3.09E-04	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.04E-05	4.77E-05	9.80E-06
9595	625353.62	4267044.87	3.11E-04	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05	9.87E-06
9596	625344.4	4267048.51	3.13E-04	1.08E-04	2.62E-04	8.07E-05	6.20E-05	2.06E-05	4.84E-05	9.94E-06
9597	625335.17	4267052.14	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05	1.00E-05
9598	625325.95	4267055.77	3.18E-04	1.09E-04	2.66E-04	8.18E-05	6.29E-05	2.09E-05	4.90E-05	1.01E-05
9599	625316.72	4267059.4	3.20E-04	1.10E-04	2.67E-04	8.24E-05	6.33E-05	2.11E-05	4.94E-05	1.02E-05
9600	625307.5	4267063.04	3.22E-04	1.11E-04	2.69E-04	8.29E-05	6.38E-05	2.12E-05	4.97E-05	1.02E-05
9601	625298.28	4267066.67	3.24E-04	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.00E-05	1.03E-05
9602	625289.05	4267070.3	3.26E-04	1.12E-04	2.73E-04	8.40E-05	6.46E-05	2.15E-05	5.04E-05	1.04E-05
9603	625279.83	4267073.93	3.28E-04	1.13E-04	2.74E-04	8.45E-05	6.50E-05	2.16E-05	5.07E-05	1.04E-05
9604	625270.61	4267077.57	3.30E-04	1.14E-04	2.76E-04	8.50E-05	6.54E-05	2.18E-05	5.10E-05	1.05E-05
9605	625261.38	4267081.2	3.32E-04	1.14E-04	2.78E-04	8.55E-05	6.57E-05	2.19E-05	5.12E-05	1.05E-05
9606	625252.16	4267084.83	3.34E-04	1.15E-04	2.79E-04	8.60E-05	6.61E-05	2.20E-05	5.15E-05	1.06E-05
9607	625242.94	4267088.47	3.36E-04	1.15E-04	2.81E-04	8.64E-05	6.64E-05	2.21E-05	5.18E-05	1.07E-05
9608	625233.71	4267092.1	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05	1.07E-05
9609	625224.49	4267095.73	3.39E-04	1.16E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05	1.08E-05
9610	625215.27	4267099.36	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05	1.08E-05
9611	625206.04	4267103	3.42E-04	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05	1.08E-05
9612	625196.82	4267106.63	3.43E-04	1.18E-04	2.87E-04	8.83E-05	6.79E-05	2.26E-05	5.29E-05	1.09E-05
9613	625187.6	4267110.26	3.44E-04	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05	1.09E-05
9614	625178.37	4267113.89	3.45E-04	1.19E-04	2.89E-04	8.89E-05	6.83E-05	2.27E-05	5.33E-05	1.10E-05
9615	625169.15	4267117.53	3.46E-04	1.19E-04	2.89E-04	8.92E-05	6.85E-05	2.28E-05	5.34E-05	1.10E-05
9616	625159.93	4267121.16	3.47E-04	1.19E-04	2.90E-04	8.94E-05	6.88E-05	2.29E-05	5.36E-05	1.10E-05
9617	625150.7	4267124.79	3.48E-04	1.20E-04	2.91E-04	8.97E-05	6.89E-05	2.29E-05	5.37E-05	1.11E-05
9618	625141.48	4267128.42	3.49E-04	1.20E-04	2.92E-04	8.99E-05	6.91E-05	2.30E-05	5.39E-05	1.11E-05
9619	625132.25	4267132.06	3.50E-04	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05	1.11E-05
9620	625123.03	4267135.69	3.51E-04	1.21E-04	2.93E-04	9.03E-05	6.95E-05	2.31E-05	5.41E-05	1.11E-05
9621	625113.81	4267139.32	3.52E-04	1.21E-04	2.94E-04	9.05E-05	6.96E-05	2.32E-05	5.43E-05	1.12E-05
9622	625104.58	4267142.96	3.52E-04	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.44E-05	1.12E-05
9623	625095.36	4267146.59	3.53E-04	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05	1.12E-05
9624	625086.14	4267150.22	3.53E-04	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
9625	625076.91	4267153.85	3.54E-04	1.22E-04	2.96E-04	9.10E-05	7.00E-05	2.33E-05	5.46E-05	1.12E-05
9626	625067.69	4267157.49	3.54E-04	1.22E-04	2.96E-04	9.11E-05	7.00E-05	2.33E-05	5.46E-05	1.12E-05
9627	625058.47	4267161.12	3.54E-04	1.22E-04	2.96E-04	9.11E-05	7.00E-05	2.33E-05	5.46E-05	1.12E-05
9628	625049.24	4267164.75	3.54E-04	1.22E-04	2.96E-04	9.11E-05	7.00E-05	2.33E-05	5.46E-05	1.12E-05
9629	625040.02	4267168.38	3.53E-04	1.22E-04	2.95E-04	9.10E-05	7.00E-05	2.33E-05	5.45E-05	1.12E-05
9630	625030.8	4267172.02	3.53E-04	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05	1.12E-05
9631	625021.57	4267175.65	3.52E-04	1.21E-04	2.95E-04	9.07E-05	6.97E-05	2.32E-05	5.44E-05	1.12E-05
9632	625012.35	4267179.28	3.52E-04	1.21E-04	2.94E-04	9.05E-05	6.96E-05	2.32E-05	5.43E-05	1.12E-05
9633	625003.13	4267182.91	3.51E-04	1.21E-04	2.93E-04	9.03E-05	6.94E-05	2.31E-05	5.41E-05	1.11E-05
9634	624993.9	4267186.55	3.50E-04	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.39E-05	1.11E-05
9635	624984.68	4267190.18	3.48E-04	1.20E-04	2.91E-04	8.97E-05	6.89E-05	2.29E-05	5.37E-05	1.11E-05
9636	624975.46	4267193.81	3.47E-04	1.19E-04	2.90E-04	8.93E-05	6.87E-05	2.29E-05	5.35E-05	1.10E-05
9637	624966.23	4267197.44	3.45E-04	1.19E-04	2.89E-04	8.89E-05	6.84E-05	2.28E-05	5.33E-05	1.10E-05
9638	624957.01	4267201.08	3.44E-04	1.18E-04	2.87E-04	8.85E-05	6.80E-05	2.26E-05	5.30E-05	1.09E-05
9639	624947.78	4267204.71	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05	1.09E-05
9640	624938.56	4267208.34	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05	1.08E-05
9641	624929.34	4267211.98	3.38E-04	1.16E-04	2.83E-04	8.71E-05	6.70E-05	2.23E-05	5.22E-05	1.07E-05
9642	624920.11	4267215.61	3.37E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05	1.07E-05

9643	624910.89	4267219.24	3.35E-04	1.15E-04	2.80E-04	8.62E-05	6.62E-05	2.20E-05	5.16E-05	1.06E-05
9644	624901.67	4267222.87	3.33E-04	1.14E-04	2.78E-04	8.57E-05	6.59E-05	2.19E-05	5.13E-05	1.06E-05
9645	624892.44	4267226.51	3.31E-04	1.14E-04	2.77E-04	8.52E-05	6.55E-05	2.18E-05	5.11E-05	1.05E-05
9646	624883.22	4267230.14	3.29E-04	1.13E-04	2.75E-04	8.47E-05	6.51E-05	2.17E-05	5.08E-05	1.04E-05
9647	624874	4267233.77	3.27E-04	1.13E-04	2.73E-04	8.42E-05	6.48E-05	2.16E-05	5.05E-05	1.04E-05
9648	624864.77	4267237.4	3.25E-04	1.12E-04	2.72E-04	8.38E-05	6.44E-05	2.14E-05	5.02E-05	1.03E-05
9649	624855.55	4267241.04	3.24E-04	1.11E-04	2.70E-04	8.33E-05	6.40E-05	2.13E-05	4.99E-05	1.03E-05
9650	624846.33	4267244.67	3.22E-04	1.11E-04	2.69E-04	8.29E-05	6.37E-05	2.12E-05	4.97E-05	1.02E-05
9651	624837.1	4267248.3	3.20E-04	1.10E-04	2.68E-04	8.24E-05	6.34E-05	2.11E-05	4.94E-05	1.02E-05
9652	625947.53	4266160.28	2.01E-04	6.90E-05	1.68E-04	5.17E-05	3.97E-05	1.32E-05	3.10E-05	6.37E-06
9653	625947.7	4266150.35	2.00E-04	6.87E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.08E-05	6.34E-06
9654	625947.86	4266140.42	1.99E-04	6.84E-05	1.66E-04	5.12E-05	3.94E-05	1.31E-05	3.07E-05	6.31E-06
9655	625948.03	4266130.48	1.98E-04	6.81E-05	1.65E-04	5.10E-05	3.92E-05	1.30E-05	3.05E-05	6.28E-06
9656	625948.19	4266120.55	1.97E-04	6.77E-05	1.65E-04	5.07E-05	3.90E-05	1.30E-05	3.04E-05	6.25E-06
9657	625948.35	4266110.62	1.96E-04	6.74E-05	1.64E-04	5.04E-05	3.88E-05	1.29E-05	3.02E-05	6.22E-06
9658	625948.52	4266100.68	1.95E-04	6.70E-05	1.63E-04	5.02E-05	3.86E-05	1.28E-05	3.01E-05	6.18E-06
9659	625948.68	4266090.75	1.94E-04	6.66E-05	1.62E-04	4.98E-05	3.83E-05	1.28E-05	2.99E-05	6.14E-06
9660	625948.84	4266080.82	1.92E-04	6.61E-05	1.61E-04	4.95E-05	3.81E-05	1.27E-05	2.97E-05	6.10E-06
9661	625949.01	4266070.88	1.91E-04	6.57E-05	1.60E-04	4.92E-05	3.78E-05	1.26E-05	2.95E-05	6.06E-06
9662	625949.17	4266060.95	1.90E-04	6.52E-05	1.58E-04	4.88E-05	3.75E-05	1.25E-05	2.93E-05	6.02E-06
9663	625949.33	4266051.02	1.88E-04	6.47E-05	1.57E-04	4.84E-05	3.72E-05	1.24E-05	2.90E-05	5.97E-06
9664	625949.5	4266041.08	1.87E-04	6.42E-05	1.56E-04	4.81E-05	3.70E-05	1.23E-05	2.88E-05	5.93E-06
9665	625949.66	4266031.15	1.85E-04	6.37E-05	1.55E-04	4.77E-05	3.67E-05	1.22E-05	2.86E-05	5.88E-06
9666	625949.82	4266021.22	1.84E-04	6.33E-05	1.54E-04	4.74E-05	3.64E-05	1.21E-05	2.84E-05	5.84E-06
9667	625949.99	4266011.28	1.83E-04	6.28E-05	1.53E-04	4.70E-05	3.62E-05	1.20E-05	2.82E-05	5.80E-06
9668	625950.15	4266001.35	1.81E-04	6.24E-05	1.52E-04	4.67E-05	3.59E-05	1.19E-05	2.80E-05	5.75E-06
9669	625950.31	4265991.42	1.80E-04	6.19E-05	1.50E-04	4.63E-05	3.56E-05	1.19E-05	2.78E-05	5.71E-06
9670	625950.48	4265981.48	1.79E-04	6.15E-05	1.49E-04	4.60E-05	3.54E-05	1.18E-05	2.76E-05	5.68E-06
9671	625950.64	4265971.55	1.78E-04	6.12E-05	1.49E-04	4.58E-05	3.52E-05	1.17E-05	2.74E-05	5.65E-06
9672	625950.81	4265961.62	1.77E-04	6.09E-05	1.48E-04	4.56E-05	3.50E-05	1.17E-05	2.73E-05	5.62E-06
9673	625950.97	4265951.68	1.76E-04	6.06E-05	1.47E-04	4.54E-05	3.49E-05	1.16E-05	2.72E-05	5.59E-06
9674	625951.13	4265941.75	1.75E-04	6.03E-05	1.47E-04	4.52E-05	3.47E-05	1.16E-05	2.71E-05	5.57E-06
9675	625951.3	4265931.82	1.75E-04	6.01E-05	1.46E-04	4.50E-05	3.46E-05	1.15E-05	2.70E-05	5.55E-06
9676	625951.46	4265921.88	1.74E-04	5.99E-05	1.46E-04	4.49E-05	3.45E-05	1.15E-05	2.69E-05	5.53E-06
9677	625951.62	4265911.95	1.74E-04	5.98E-05	1.45E-04	4.47E-05	3.44E-05	1.15E-05	2.68E-05	5.52E-06
9678	625951.79	4265902.02	1.73E-04	5.97E-05	1.45E-04	4.47E-05	3.43E-05	1.14E-05	2.68E-05	5.51E-06
9679	625951.95	4265892.08	1.73E-04	5.96E-05	1.45E-04	4.46E-05	3.43E-05	1.14E-05	2.67E-05	5.50E-06
9680	625952.11	4265882.15	1.73E-04	5.96E-05	1.45E-04	4.47E-05	3.43E-05	1.14E-05	2.68E-05	5.50E-06
9681	625952.28	4265872.22	1.74E-04	5.97E-05	1.45E-04	4.47E-05	3.44E-05	1.14E-05	2.68E-05	5.51E-06
9682	625952.44	4265862.28	1.74E-04	5.98E-05	1.45E-04	4.48E-05	3.44E-05	1.15E-05	2.68E-05	5.52E-06
9683	625952.6	4265852.35	1.74E-04	5.99E-05	1.46E-04	4.48E-05	3.45E-05	1.15E-05	2.69E-05	5.53E-06
9684	625952.77	4265842.42	1.75E-04	6.00E-05	1.46E-04	4.50E-05	3.46E-05	1.15E-05	2.69E-05	5.54E-06
9685	625952.93	4265832.48	1.75E-04	6.02E-05	1.46E-04	4.51E-05	3.47E-05	1.15E-05	2.70E-05	5.56E-06
9686	625953.09	4265822.55	1.76E-04	6.05E-05	1.47E-04	4.53E-05	3.48E-05	1.16E-05	2.71E-05	5.58E-06
9687	625953.26	4265812.62	1.77E-04	6.07E-05	1.48E-04	4.55E-05	3.50E-05	1.16E-05	2.72E-05	5.60E-06
9688	625953.42	4265802.68	1.77E-04	6.10E-05	1.48E-04	4.57E-05	3.51E-05	1.17E-05	2.74E-05	5.63E-06
9689	625953.59	4265792.75	1.78E-04	6.14E-05	1.49E-04	4.59E-05	3.53E-05	1.18E-05	2.75E-05	5.66E-06
9690	625953.75	4265782.82	1.79E-04	6.17E-05	1.50E-04	4.62E-05	3.55E-05	1.18E-05	2.77E-05	5.70E-06
9691	625953.91	4265772.88	1.81E-04	6.21E-05	1.51E-04	4.65E-05	3.57E-05	1.19E-05	2.79E-05	5.73E-06
9692	625954.08	4265762.95	1.82E-04	6.25E-05	1.52E-04	4.68E-05	3.60E-05	1.20E-05	2.81E-05	5.77E-06
9693	625954.24	4265753.02	1.83E-04	6.29E-05	1.53E-04	4.71E-05	3.62E-05	1.21E-05	2.82E-05	5.81E-06
9694	625954.4	4265743.08	1.84E-04	6.34E-05	1.54E-04	4.74E-05	3.65E-05	1.21E-05	2.84E-05	5.85E-06
9695	625954.57	4265733.15	1.85E-04	6.38E-05	1.55E-04	4.77E-05	3.67E-05	1.22E-05	2.86E-05	5.88E-06

9696	625954.73	4265723.22	1.87E-04	6.42E-05	1.56E-04	4.80E-05	3.69E-05	1.23E-05	2.88E-05	5.92E-06
9697	625954.89	4265713.28	1.88E-04	6.46E-05	1.57E-04	4.84E-05	3.72E-05	1.24E-05	2.90E-05	5.96E-06
9698	625955.06	4265703.35	1.89E-04	6.51E-05	1.58E-04	4.87E-05	3.75E-05	1.25E-05	2.92E-05	6.01E-06
9699	625955.22	4265693.42	1.91E-04	6.56E-05	1.59E-04	4.91E-05	3.77E-05	1.26E-05	2.94E-05	6.05E-06

			T2			T3			T4i			T4f		
			7.05E+03	6.25E+05										
					1.09E-07			8.91E-08			2.15E-08			1.52E-08
			Yr 1	Yr 2	Total	Yr 1	Yr 2	Total	Yr 1	Yr 2	Total	Yr 1	Yr 2	Total
1	624845.6	4265665.17	6.89E-08	2.37E-08	9.26E-08	5.76E-08	1.77E-08	7.54E-08	1.36E-08	4.54E-09	1.82E-08	1.06E-08	2.19E-09	1.28E-08
2	624835.69	4265665.04	7.52E-08	2.58E-08	1.01E-07	6.28E-08	1.94E-08	8.22E-08	1.49E-08	4.95E-09	1.98E-08	1.16E-08	2.39E-09	1.40E-08
3	624825.78	4265664.9	8.19E-08	2.82E-08	1.10E-07	6.85E-08	2.11E-08	8.96E-08	1.62E-08	5.40E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
4	624815.87	4265664.76	8.84E-08	3.04E-08	1.19E-07	7.39E-08	2.28E-08	9.67E-08	1.75E-08	5.82E-09	2.33E-08	1.36E-08	2.81E-09	1.64E-08
5	624805.96	4265664.62	9.26E-08	3.18E-08	1.24E-07	7.74E-08	2.38E-08	1.01E-07	1.83E-08	6.10E-09	2.44E-08	1.43E-08	2.94E-09	1.72E-08
6	624796.06	4265664.49	9.20E-08	3.16E-08	1.24E-07	7.69E-08	2.37E-08	1.01E-07	1.82E-08	6.06E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
7	624786.15	4265664.35	8.98E-08	3.09E-08	1.21E-07	7.50E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
8	624776.24	4265664.21	9.05E-08	3.11E-08	1.22E-07	7.57E-08	2.33E-08	9.90E-08	1.79E-08	5.96E-09	2.39E-08	1.40E-08	2.87E-09	1.68E-08
9	624766.33	4265664.07	9.37E-08	3.22E-08	1.26E-07	7.83E-08	2.41E-08	1.02E-07	1.85E-08	6.17E-09	2.47E-08	1.45E-08	2.97E-09	1.74E-08
10	624756.42	4265663.94	9.77E-08	3.36E-08	1.31E-07	8.17E-08	2.52E-08	1.07E-07	1.93E-08	6.44E-09	2.58E-08	1.51E-08	3.10E-09	1.82E-08
11	624746.51	4265663.8	1.01E-07	3.47E-08	1.36E-07	8.43E-08	2.60E-08	1.10E-07	2.00E-08	6.64E-09	2.66E-08	1.56E-08	3.20E-09	1.88E-08
12	624736.6	4265663.66	9.99E-08	3.43E-08	1.34E-07	8.35E-08	2.57E-08	1.09E-07	1.98E-08	6.58E-09	2.64E-08	1.54E-08	3.17E-09	1.86E-08
13	624726.69	4265663.52	9.53E-08	3.28E-08	1.28E-07	7.97E-08	2.45E-08	1.04E-07	1.89E-08	6.28E-09	2.52E-08	1.47E-08	3.03E-09	1.77E-08
14	624716.79	4265663.39	9.30E-08	3.20E-08	1.25E-07	7.78E-08	2.40E-08	1.02E-07	1.84E-08	6.13E-09	2.45E-08	1.44E-08	2.95E-09	1.73E-08
15	624706.88	4265663.25	9.39E-08	3.23E-08	1.26E-07	7.85E-08	2.42E-08	1.03E-07	1.86E-08	6.18E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
16	624696.97	4265663.11	9.64E-08	3.32E-08	1.30E-07	8.06E-08	2.48E-08	1.05E-07	1.91E-08	6.35E-09	2.54E-08	1.49E-08	3.06E-09	1.79E-08
17	624687.06	4265662.98	9.99E-08	3.44E-08	1.34E-07	8.35E-08	2.57E-08	1.09E-07	1.98E-08	6.58E-09	2.64E-08	1.54E-08	3.17E-09	1.86E-08
18	624677.15	4265662.84	1.03E-07	3.54E-08	1.38E-07	8.61E-08	2.65E-08	1.13E-07	2.04E-08	6.78E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
19	624667.24	4265662.7	1.03E-07	3.55E-08	1.39E-07	8.64E-08	2.66E-08	1.13E-07	2.05E-08	6.81E-09	2.73E-08	1.59E-08	3.28E-09	1.92E-08
20	624657.33	4265662.56	1.00E-07	3.45E-08	1.35E-07	8.40E-08	2.59E-08	1.10E-07	1.99E-08	6.62E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
21	624647.42	4265662.43	9.85E-08	3.39E-08	1.32E-07	8.24E-08	2.54E-08	1.08E-07	1.95E-08	6.49E-09	2.60E-08	1.52E-08	3.13E-09	1.83E-08
22	624637.52	4265662.29	9.98E-08	3.43E-08	1.34E-07	8.34E-08	2.57E-08	1.09E-07	1.97E-08	6.57E-09	2.63E-08	1.54E-08	3.17E-09	1.86E-08
23	624627.61	4265662.15	1.03E-07	3.54E-08	1.39E-07	8.62E-08	2.65E-08	1.13E-07	2.04E-08	6.79E-09	2.72E-08	1.59E-08	3.27E-09	1.92E-08
24	624617.7	4265662.01	1.07E-07	3.69E-08	1.44E-07	8.97E-08	2.76E-08	1.17E-07	2.12E-08	7.07E-09	2.83E-08	1.66E-08	3.41E-09	2.00E-08
25	624607.79	4265661.88	1.10E-07	3.79E-08	1.48E-07	9.21E-08	2.84E-08	1.20E-07	2.18E-08	7.26E-09	2.91E-08	1.70E-08	3.50E-09	2.05E-08
26	624597.88	4265661.74	1.08E-07	3.71E-08	1.45E-07	9.01E-08	2.78E-08	1.18E-07	2.13E-08	7.11E-09	2.85E-08	1.66E-08	3.42E-09	2.01E-08
27	624587.97	4265661.6	1.02E-07	3.52E-08	1.37E-07	8.55E-08	2.63E-08	1.12E-07	2.02E-08	6.74E-09	2.70E-08	1.58E-08	3.25E-09	1.90E-08
28	624578.06	4265661.46	1.00E-07	3.45E-08	1.35E-07	8.39E-08	2.59E-08	1.10E-07	1.99E-08	6.62E-09	2.65E-08	1.55E-08	3.19E-09	1.87E-08
29	624568.15	4265661.33	1.02E-07	3.50E-08	1.37E-07	8.51E-08	2.62E-08	1.11E-07	2.02E-08	6.71E-09	2.69E-08	1.57E-08	3.23E-09	1.89E-08
30	624558.24	4265661.19	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
31	624548.34	4265661.05	1.07E-07	3.66E-08	1.43E-07	8.90E-08	2.74E-08	1.16E-07	2.11E-08	7.02E-09	2.81E-08	1.64E-08	3.38E-09	1.98E-08
32	624538.43	4265660.91	1.04E-07	3.57E-08	1.40E-07	8.68E-08	2.67E-08	1.14E-07	2.06E-08	6.84E-09	2.74E-08	1.60E-08	3.30E-09	1.93E-08
33	624528.52	4265660.78	9.69E-08	3.33E-08	1.30E-07	8.10E-08	2.50E-08	1.06E-07	1.92E-08	6.39E-09	2.56E-08	1.50E-08	3.08E-09	1.80E-08
34	624518.61	4265660.64	9.31E-08	3.20E-08	1.25E-07	7.78E-08	2.40E-08	1.02E-07	1.84E-08	6.13E-09	2.46E-08	1.44E-08	2.95E-09	1.73E-08
35	624508.7	4265660.5	9.27E-08	3.19E-08	1.25E-07	7.75E-08	2.39E-08	1.01E-07	1.83E-08	6.11E-09	2.45E-08	1.43E-08	2.94E-09	1.72E-08
36	624498.79	4265660.36	9.35E-08	3.22E-08	1.26E-07	7.82E-08	2.41E-08	1.02E-07	1.85E-08	6.16E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08
37	624488.88	4265660.23	9.37E-08	3.22E-08	1.26E-07	7.83E-08	2.41E-08	1.02E-07	1.85E-08	6.17E-09	2.47E-08	1.45E-08	2.97E-09	1.74E-08
38	624478.97	4265660.09	9.01E-08	3.10E-08	1.21E-07	7.54E-08	2.32E-08	9.86E-08	1.78E-08	5.94E-09	2.38E-08	1.39E-08	2.86E-09	1.68E-08
39	624469.07	4265659.95	8.32E-08	2.86E-08	1.12E-07	6.95E-08	2.14E-08	9.10E-08	1.65E-08	5.48E-09	2.20E-08	1.28E-08	2.64E-09	1.55E-08
40	624459.16	4265659.81	7.83E-08	2.69E-08	1.05E-07	6.55E-08	2.02E-08	8.56E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
41	624449.25	4265659.68	7.66E-08	2.63E-08	1.03E-07	6.40E-08	1.97E-08	8.38E-08	1.52E-08	5.05E-09	2.02E-08	1.18E-08	2.43E-09	1.43E-08
42	624439.34	4265659.54	7.65E-08	2.63E-08	1.03E-07	6.39E-08	1.97E-08	8.36E-08	1.51E-08	5.04E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
43	624429.43	4265659.4	7.65E-08	2.63E-08	1.03E-07	6.39E-08	1.97E-08	8.36E-08	1.51E-08	5.04E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
44	624419.52	4265659.27	7.36E-08	2.53E-08	9.89E-08	6.15E-08	1.90E-08	8.05E-08	1.46E-08	4.85E-09	1.94E-08	1.14E-08	2.34E-09	1.37E-08
45	624409.61	4265659.13	6.47E-08	2.23E-08	8.70E-08	5.41E-08	1.67E-08	7.08E-08	1.28E-08	4.27E-09	1.71E-08	9.99E-09	2.05E-09	1.20E-08
46	624399.7	4265658.99	5.44E-08	1.87E-08	7.30E-08	4.54E-08	1.40E-08	5.94E-08	1.08E-08	3.58E-09	1.43E-08	8.39E-09	1.73E-09	1.01E-08
47	624389.8	4265658.85	4.74E-08	1.63E-08	6.36E-08	3.96E-08	1.22E-08	5.18E-08	9.37E-09	3.12E-09	1.25E-08	7.31E-09	1.50E-09	8.81E-09
48	624379.89	4265658.72	4.23E-08	1.45E-08	5.69E-08	3.54E-08	1.09E-08	4.63E-08	8.37E-09	2.79E-09	1.12E-08	6.53E-09	1.34E-09	7.87E-09
49	624369.98	4265658.58	3.82E-08	1.31E-08	5.14E-08	3.20E-08	9.84E-09	4.18E-08	7.57E-09	2.52E-09	1.01E-08	5.90E-09	1.21E-09	7.11E-09
50	624360.07	4265658.44	3.49E-08	1.20E-08	4.69E-08	2.91E-08	8.98E-09	3.81E-08	6.90E-09	2.30E-09	9.20E-09	5.38E-09	1.11E-09	6.49E-09
51	624872.55	4265668.51	5.59E-08	1.92E-08	7.51E-08	4.67E-08	1.44E-08	6.11E-08	1.11E-08	3.68E-09	1.47E-08	8.63E-09	1.77E-09	1.04E-08
52	624845.74	4265655.17	6.54E-08	2.25E-08	8.79E-08	5.47E-08	1.68E-08	7.15E-08	1.29E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
53	624835.83	4265655.04	7.05E-08	2.42E-08	9.47E-08	5.89E-08	1.81E-08	7.71E-08	1.40E-08	4.64E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
54	624825.92	4265654.9	7.56E-08	2.60E-08	1.02E-07	6.32E-08	1.95E-08	8.27E-08	1.50E-08	4.98E-09	1.99E-08	1.17E-08	2.40E-09	1.41E-08
55	624816.01	4265654.76	7.99E-08	2.75E-08	1.07E-07	6.68E-08	2.06E-08	8.74E-08	1.58E-08	5.27E-09	2.11E-08	1.23E-08	2.54E-09	1.49E-08
56	624806.1	4265654.62	8.23E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	8.99E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
57	624796.19	4265654.49	8.22E-08	2.83E-08	1.10E-07	6.87E-08	2.12E-08	8.98E-08	1.63E-08	5.41E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
58	624786.29	4265654.35	8.17E-08	2.81E-08	1.10E-07	6.83E-08	2.10E-08	8.93E-08	1.62E-08	5.38E-09	2.16E-08	1.26E-08	2.59E-09	1.52E-08
59	624776.38	4265654.21	8.29E-08	2.85E-08	1.11E-07	6.93E-08	2.14E-08	9.07E-08	1.64E-08	5.46E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
60	624766.47	4265654.08	8.55E-08	2.94E-08	1.15E-07	7.15E-08	2.20E-08	9.35E-08	1.69E-08	5.63E-09	2.26E-08	1.32E-08	2.71E-09	1.59E-08
61	624756.56	4265653.94	8.82E-08	3.03E-08	1.19E-07	7.37E-08	2.27E-08	9.65E-08	1.75E-08	5.81E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
62	624746.65	4265653.8	8.96E-08	3.08E-08	1.20E-07	7.49E-08	2.31E-08	9.80E-08	1.77E-08	5.90E-09	2.36E-08	1.38E-08	2.84E-09	1.67E-08
63	624736.74	4265653.66	8.85E-08	3.04E-08	1.19E-07	7.40E-08	2.28E-08	9.67E-08	1.75E-08	5.83E-09	2.33E-08	1.37E-08	2.81E-09	1.65E-08
64	624726.83	4265653.53	8.62E-08	2.96E-08	1.16E-07	7.21E-08	2.22E-08	9.42E-08	1.71E-08	5.68E-09	2.27E-08	1.33E-08	2.74E-09	1.60E-08
65	624716.92	4265653.39	8.54E-08	2.94E-08	1.15E-07	7.14E-08	2.20E-08	9.34E-08	1.69E-08	5.63E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08

66	624707.02	4265653.25	8.65E-08	2.97E-08	1.16E-07	7.23E-08	2.23E-08	9.45E-08	1.71E-08	5.70E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
67	624697.11	4265653.11	8.86E-08	3.05E-08	1.19E-07	7.40E-08	2.28E-08	9.68E-08	1.75E-08	5.84E-09	2.34E-08	1.37E-08	2.81E-09	1.65E-08
68	624687.2	4265652.98	9.09E-08	3.13E-08	1.22E-07	7.60E-08	2.34E-08	9.94E-08	1.80E-08	5.99E-09	2.40E-08	1.40E-08	2.89E-09	1.69E-08
69	624677.29	4265652.84	9.24E-08	3.18E-08	1.24E-07	7.73E-08	2.38E-08	1.01E-07	1.83E-08	6.09E-09	2.44E-08	1.43E-08	2.93E-09	1.72E-08
70	624667.38	4265652.7	9.22E-08	3.17E-08	1.24E-07	7.70E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.93E-09	1.71E-08
71	624657.47	4265652.56	9.07E-08	3.12E-08	1.22E-07	7.58E-08	2.34E-08	9.92E-08	1.80E-08	5.98E-09	2.39E-08	1.40E-08	2.88E-09	1.69E-08
72	624647.56	4265652.43	9.02E-08	3.10E-08	1.21E-07	7.54E-08	2.32E-08	9.86E-08	1.79E-08	5.94E-09	2.38E-08	1.39E-08	2.86E-09	1.68E-08
73	624637.65	4265652.29	9.15E-08	3.15E-08	1.23E-07	7.65E-08	2.36E-08	1.00E-07	1.81E-08	6.03E-09	2.41E-08	1.41E-08	2.90E-09	1.70E-08
74	624627.74	4265652.15	9.39E-08	3.23E-08	1.26E-07	7.85E-08	2.42E-08	1.03E-07	1.86E-08	6.19E-09	2.48E-08	1.45E-08	2.98E-09	1.75E-08
75	624617.84	4265652.01	9.64E-08	3.32E-08	1.30E-07	8.06E-08	2.48E-08	1.05E-07	1.91E-08	6.35E-09	2.54E-08	1.49E-08	3.06E-09	1.79E-08
76	624607.93	4265651.88	9.72E-08	3.34E-08	1.31E-07	8.12E-08	2.50E-08	1.06E-07	1.92E-08	6.40E-09	2.56E-08	1.50E-08	3.08E-09	1.81E-08
77	624598.02	4265651.74	9.50E-08	3.27E-08	1.28E-07	7.94E-08	2.45E-08	1.04E-07	1.88E-08	6.26E-09	2.51E-08	1.47E-08	3.02E-09	1.77E-08
78	624588.11	4265651.6	9.20E-08	3.16E-08	1.24E-07	7.69E-08	2.37E-08	1.01E-07	1.82E-08	6.06E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
79	624578.2	4265651.46	9.12E-08	3.14E-08	1.23E-07	7.62E-08	2.35E-08	9.97E-08	1.80E-08	6.01E-09	2.41E-08	1.41E-08	2.89E-09	1.70E-08
80	624568.29	4265651.33	9.21E-08	3.17E-08	1.24E-07	7.70E-08	2.37E-08	1.01E-07	1.82E-08	6.07E-09	2.43E-08	1.42E-08	2.92E-09	1.71E-08
81	624558.38	4265651.19	9.35E-08	3.22E-08	1.26E-07	7.82E-08	2.41E-08	1.02E-07	1.85E-08	6.16E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08
82	624548.47	4265651.05	9.35E-08	3.22E-08	1.26E-07	7.82E-08	2.41E-08	1.02E-07	1.85E-08	6.16E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08
83	624538.57	4265650.92	9.06E-08	3.12E-08	1.22E-07	7.57E-08	2.33E-08	9.91E-08	1.79E-08	5.97E-09	2.39E-08	1.40E-08	2.88E-09	1.69E-08
84	624528.66	4265650.78	8.63E-08	2.97E-08	1.16E-07	7.22E-08	2.22E-08	9.44E-08	1.71E-08	5.69E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
85	624518.75	4265650.64	8.39E-08	2.88E-08	1.13E-07	7.01E-08	2.16E-08	9.17E-08	1.66E-08	5.53E-09	2.21E-08	1.29E-08	2.66E-09	1.56E-08
86	624508.84	4265650.5	8.33E-08	2.87E-08	1.12E-07	6.96E-08	2.15E-08	9.11E-08	1.65E-08	5.49E-09	2.20E-08	1.29E-08	2.64E-09	1.55E-08
87	624498.93	4265650.37	8.32E-08	2.86E-08	1.12E-07	6.95E-08	2.14E-08	9.09E-08	1.65E-08	5.48E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
88	624489.02	4265650.23	8.19E-08	2.82E-08	1.10E-07	6.84E-08	2.11E-08	8.95E-08	1.62E-08	5.39E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
89	624479.11	4265650.09	7.83E-08	2.69E-08	1.05E-07	6.54E-08	2.02E-08	8.56E-08	1.55E-08	5.16E-09	2.07E-08	1.21E-08	2.48E-09	1.46E-08
90	624469.2	4265649.95	7.36E-08	2.53E-08	9.89E-08	6.15E-08	1.89E-08	8.04E-08	1.46E-08	4.85E-09	1.94E-08	1.14E-08	2.33E-09	1.37E-08
91	624459.3	4265649.82	7.02E-08	2.42E-08	9.44E-08	5.87E-08	1.81E-08	7.68E-08	1.39E-08	4.63E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
92	624449.39	4265649.68	6.87E-08	2.36E-08	9.23E-08	5.74E-08	1.77E-08	7.51E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
93	624439.48	4265649.54	6.78E-08	2.33E-08	9.11E-08	5.67E-08	1.75E-08	7.41E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
94	624429.57	4265649.4	6.63E-08	2.28E-08	8.90E-08	5.54E-08	1.71E-08	7.24E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
95	624419.66	4265649.27	6.22E-08	2.14E-08	8.36E-08	5.20E-08	1.60E-08	6.80E-08	1.23E-08	4.10E-09	1.64E-08	9.60E-09	1.97E-09	1.16E-08
96	624409.75	4265649.13	5.51E-08	1.90E-08	7.41E-08	4.61E-08	1.42E-08	6.03E-08	1.09E-08	3.63E-09	1.45E-08	8.51E-09	1.75E-09	1.03E-08
97	624399.84	4265648.99	4.79E-08	1.65E-08	6.44E-08	4.01E-08	1.23E-08	5.24E-08	9.49E-09	3.16E-09	1.26E-08	7.40E-09	1.52E-09	8.92E-09
98	624389.93	4265648.85	4.26E-08	1.47E-08	5.73E-08	3.56E-08	1.10E-08	4.66E-08	8.43E-09	2.81E-09	1.12E-08	6.58E-09	1.35E-09	7.93E-09
99	624380.02	4265648.72	3.86E-08	1.33E-08	5.19E-08	3.23E-08	9.95E-09	4.22E-08	7.65E-09	2.55E-09	1.02E-08	5.96E-09	1.23E-09	7.19E-09
100	624370.12	4265648.58	3.54E-08	1.22E-08	4.75E-08	2.96E-08	9.11E-09	3.87E-08	7.00E-09	2.33E-09	9.33E-09	5.46E-09	1.12E-09	6.58E-09
101	624360.21	4265648.44	3.26E-08	1.12E-08	4.38E-08	2.73E-08	8.40E-09	3.57E-08	6.45E-09	2.15E-09	8.60E-09	5.03E-09	1.03E-09	6.07E-09
102	624879.72	4265661.55	5.19E-08	1.78E-08	6.97E-08	4.34E-08	1.34E-08	5.67E-08	1.03E-08	3.42E-09	1.37E-08	8.01E-09	1.65E-09	9.66E-09
103	624845.88	4265645.18	6.19E-08	2.13E-08	8.32E-08	5.18E-08	1.59E-08	6.77E-08	1.23E-08	4.08E-09	1.63E-08	9.56E-09	1.97E-09	1.15E-08
104	624835.97	4265645.04	6.60E-08	2.27E-08	8.87E-08	5.52E-08	1.70E-08	7.21E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
105	624826.06	4265644.9	6.98E-08	2.40E-08	9.38E-08	5.83E-08	1.80E-08	7.63E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.21E-09	1.30E-08
106	624816.15	4265644.76	7.27E-08	2.50E-08	9.77E-08	6.07E-08	1.87E-08	7.95E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
107	624806.24	4265644.63	7.42E-08	2.55E-08	9.97E-08	6.20E-08	1.91E-08	8.11E-08	1.47E-08	4.89E-09	1.96E-08	1.14E-08	2.35E-09	1.38E-08
108	624796.33	4265644.49	7.46E-08	2.56E-08	1.00E-07	6.23E-08	1.92E-08	8.15E-08	1.48E-08	4.91E-09	1.97E-08	1.15E-08	2.37E-09	1.39E-08
109	624786.42	4265644.35	7.50E-08	2.58E-08	1.01E-07	6.27E-08	1.93E-08	8.20E-08	1.48E-08	4.94E-09	1.98E-08	1.16E-08	2.38E-09	1.40E-08
110	624776.52	4265644.21	7.63E-08	2.62E-08	1.03E-07	6.38E-08	1.96E-08	8.34E-08	1.51E-08	5.03E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
111	624766.61	4265644.08	7.82E-08	2.69E-08	1.05E-07	6.54E-08	2.01E-08	8.55E-08	1.55E-08	5.15E-09	2.06E-08	1.21E-08	2.48E-09	1.46E-08
112	624756.7	4265643.94	7.99E-08	2.75E-08	1.07E-07	6.68E-08	2.06E-08	8.74E-08	1.58E-08	5.27E-09	2.11E-08	1.23E-08	2.54E-09	1.49E-08
113	624746.79	4265643.8	8.05E-08	2.77E-08	1.08E-07	6.73E-08	2.07E-08	8.80E-08	1.59E-08	5.30E-09	2.12E-08	1.24E-08	2.55E-09	1.50E-08
114	624736.88	4265643.66	7.98E-08	2.74E-08	1.07E-07	6.67E-08	2.05E-08	8.72E-08	1.58E-08	5.26E-09	2.10E-08	1.23E-08	2.53E-09	1.48E-08
115	624726.97	4265643.53	7.88E-08	2.71E-08	1.06E-07	6.59E-08	2.03E-08	8.62E-08	1.56E-08	5.19E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
116	624717.06	4265643.39	7.88E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.61E-08	1.56E-08	5.19E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
117	624707.15	4265643.25	7.98E-08	2.75E-08	1.07E-07	6.67E-08	2.06E-08	8.73E-08	1.58E-08	5.26E-09	2.11E-08	1.23E-08	2.53E-09	1.49E-08
118	624697.25	4265643.11	8.14E-08	2.80E-08	1.09E-07	6.81E-08	2.10E-08	8.90E-08	1.61E-08	5.37E-09	2.15E-08	1.26E-08	2.58E-09	1.52E-08
119	624687.34	4265642.98	8.30E-08	2.85E-08	1.11E-07	6.93E-08	2.14E-08	9.07E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
120	624677.43	4265642.84	8.37E-08	2.88E-08	1.12E-07	7.00E-08	2.15E-08	9.15E-08	1.66E-08	5.51E-09	2.21E-08	1.29E-08	2.66E-09	1.56E-08
121	624667.52	4265642.7	8.34E-08	2.87E-08	1.12E-07	6.97E-08	2.15E-08	9.12E-08	1.65E-08	5.50E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
122	624657.61	4265642.56	8.28E-08	2.85E-08	1.11E-07	6.92E-08	2.13E-08	9.06E-08	1.64E-08	5.46E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
123	624647.7	4265642.43	8.29E-08	2.85E-08	1.11E-07	6.93E-08	2.13E-08	9.07E-08	1.64E-08	5.46E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
124	624637.79	4265642.29	8.40E-08	2.89E-08	1.13E-07	7.02E-08	2.16E-08	9.18E-08	1.66E-08	5.53E-09	2.22E-08	1.30E-08	2.67E-09	1.56E-08
125	624627.88	4265642.15	8.56E-08	2.94E-08	1.15E-07	7.16E-08	2.20E-08	9.36E-08	1.69E-08	5.64E-09	2.26E-08	1.32E-08	2.72E-09	1.59E-08
126	624617.97	4265642.02	8.68E-08	2.99E-08	1.17E-07	7.26E-08	2.24E-08	9.49E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
127	624608.07	4265641.88	8.67E-08	2.98E-08	1.16E-07	7.25E-08	2.23E-08	9.48E-08	1.72E-08	5.71E-09	2.29E-08	1.34E-08	2.75E-09	1.61E-08
128	624598.16	4265641.74	8.51E-08	2.93E-08	1.14E-07	7.11E-08	2.19E-08	9.30E-08	1.68E-08	5.61E-09	2.24E-08	1.31E-08	2.70E-09	1.58E-08
129	624588.25	4265641.6	8.35E-08	2.87E-08	1.12E-07	6.98E-08	2.15E-08	9.12E-08	1.65E-08	5.50E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
130	624578.34	4265641.47	8.30E-08	2.85E-08	1.12E-07	6.94E-08	2.14E-08	9.07E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
131	624568.43	4265641.33	8.34E-08	2.87E-08	1.12E-07	6.97E-08	2.15E-08	9.12E-08	1.65E-08	5.50E-09	2.20E-08	1.29E-08	2.65E-09	1.55E-08
132	624558.52	4265641.19	8.37E-08	2.88E-08	1.13E-07	7.00E-08	2.16E-08	9.16E-08	1.66E-08	5.52E-09	2.21E-08	1.29E-08	2.66E-09	1.56E-08
133	624548.61	4265641.05	8.28E-08	2.85E-08	1.11E-07	6.92E-08	2.13E-08	9.06E-08	1.64E-08	5.46E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
134	624538.7	4265640.92	8.04E-08	2.76E-08	1.08E-07	6.72E-08	2.07E-08	8.79E-08	1.59E-08	5.30E-09	2.12E-08	1.24E-08	2.55E-09	1.50E-08

135	624528.8	4265640.78	7.76E-08	2.67E-08	1.04E-07	6.49E-08	2.00E-08	8.49E-08	1.54E-08	5.11E-09	2.05E-08	1.20E-08	2.46E-09	1.44E-08
136	624518.89	4265640.64	7.59E-08	2.61E-08	1.02E-07	6.34E-08	1.95E-08	8.29E-08	1.50E-08	5.00E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
137	624508.98	4265640.5	7.50E-08	2.58E-08	1.01E-07	6.27E-08	1.93E-08	8.20E-08	1.48E-08	4.94E-09	1.98E-08	1.16E-08	2.38E-09	1.40E-08
138	624499.07	4265640.37	7.41E-08	2.55E-08	9.96E-08	6.20E-08	1.91E-08	8.11E-08	1.47E-08	4.88E-09	1.96E-08	1.14E-08	2.35E-09	1.38E-08
139	624489.16	4265640.23	7.23E-08	2.49E-08	9.71E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.12E-08	2.29E-09	1.34E-08
140	624479.25	4265640.09	6.92E-08	2.38E-08	9.30E-08	5.78E-08	1.78E-08	7.56E-08	1.37E-08	4.56E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
141	624469.34	4265639.95	6.58E-08	2.26E-08	8.84E-08	5.50E-08	1.69E-08	7.19E-08	1.30E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.22E-08
142	624459.43	4265639.82	6.33E-08	2.18E-08	8.50E-08	5.29E-08	1.63E-08	6.92E-08	1.25E-08	4.17E-09	1.67E-08	9.76E-09	2.01E-09	1.18E-08
143	624449.53	4265639.68	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.51E-09	1.96E-09	1.15E-08
144	624439.62	4265639.54	6.01E-08	2.07E-08	8.08E-08	5.03E-08	1.55E-08	6.57E-08	1.19E-08	3.96E-09	1.59E-08	9.28E-09	1.91E-09	1.12E-08
145	624429.71	4265639.4	5.77E-08	1.99E-08	7.76E-08	4.82E-08	1.49E-08	6.31E-08	1.14E-08	3.80E-09	1.52E-08	8.91E-09	1.83E-09	1.07E-08
146	624419.8	4265639.27	5.36E-08	1.84E-08	7.20E-08	4.48E-08	1.38E-08	5.86E-08	1.06E-08	3.53E-09	1.41E-08	8.27E-09	1.70E-09	9.97E-09
147	624409.89	4265639.13	4.81E-08	1.66E-08	6.47E-08	4.02E-08	1.24E-08	5.26E-08	9.53E-09	3.17E-09	1.27E-08	7.43E-09	1.53E-09	8.96E-09
148	624399.98	4265638.99	4.29E-08	1.48E-08	5.77E-08	3.59E-08	1.10E-08	4.69E-08	8.49E-09	2.83E-09	1.13E-08	6.62E-09	1.36E-09	7.98E-09
149	624390.07	4265638.86	3.88E-08	1.33E-08	5.21E-08	3.24E-08	9.98E-09	4.24E-08	7.68E-09	2.56E-09	1.02E-08	5.98E-09	1.23E-09	7.21E-09
150	624380.16	4265638.72	3.56E-08	1.22E-08	4.78E-08	2.97E-08	9.16E-09	3.89E-08	7.04E-09	2.34E-09	9.38E-09	5.49E-09	1.13E-09	6.62E-09
151	624370.25	4265638.58	3.29E-08	1.13E-08	4.42E-08	2.75E-08	8.47E-09	3.60E-08	6.52E-09	2.17E-09	8.68E-09	5.08E-09	1.04E-09	6.12E-09
152	624877.04	4265644.42	5.01E-08	1.72E-08	6.73E-08	4.19E-08	1.29E-08	5.48E-08	9.92E-09	3.30E-09	1.32E-08	7.73E-09	1.59E-09	9.32E-09
153	624886.9	4265654.59	4.84E-08	1.66E-08	6.51E-08	4.05E-08	1.25E-08	5.29E-08	9.58E-09	3.19E-09	1.28E-08	7.47E-09	1.54E-09	9.01E-09
154	624892.54	4265668.84	4.82E-08	1.66E-08	6.48E-08	4.03E-08	1.24E-08	5.27E-08	9.55E-09	3.18E-09	1.27E-08	7.44E-09	1.53E-09	8.98E-09
155	624846.02	4265635.18	5.86E-08	2.01E-08	7.87E-08	4.90E-08	1.51E-08	6.40E-08	1.16E-08	3.86E-09	1.55E-08	9.04E-09	1.86E-09	1.09E-08
156	624836.11	4265635.04	6.18E-08	2.12E-08	8.30E-08	5.16E-08	1.59E-08	6.75E-08	1.22E-08	4.07E-09	1.63E-08	9.53E-09	1.96E-09	1.15E-08
157	624826.2	4265634.9	6.46E-08	2.22E-08	8.68E-08	5.40E-08	1.66E-08	7.06E-08	1.28E-08	4.25E-09	1.70E-08	9.96E-09	2.05E-09	1.20E-08
158	624816.29	4265634.76	6.66E-08	2.29E-08	8.95E-08	5.57E-08	1.72E-08	7.29E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
159	624806.38	4265634.63	6.78E-08	2.33E-08	9.12E-08	5.67E-08	1.75E-08	7.42E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
160	624796.47	4265634.49	6.85E-08	2.36E-08	9.21E-08	5.73E-08	1.76E-08	7.49E-08	1.36E-08	4.51E-09	1.81E-08	1.06E-08	2.17E-09	1.27E-08
161	624786.56	4265634.35	6.93E-08	2.38E-08	9.31E-08	5.79E-08	1.78E-08	7.57E-08	1.37E-08	4.56E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
162	624776.65	4265634.21	7.05E-08	2.42E-08	9.47E-08	5.89E-08	1.81E-08	7.70E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
163	624766.75	4265634.08	7.19E-08	2.47E-08	9.66E-08	6.01E-08	1.85E-08	7.86E-08	1.42E-08	4.73E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
164	624756.84	4265633.94	7.29E-08	2.51E-08	9.80E-08	6.09E-08	1.88E-08	7.97E-08	1.44E-08	4.80E-09	1.92E-08	1.13E-08	2.31E-09	1.36E-08
165	624746.93	4265633.8	7.32E-08	2.52E-08	9.84E-08	6.12E-08	1.89E-08	8.01E-08	1.45E-08	4.83E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
166	624737.02	4265633.67	7.30E-08	2.51E-08	9.81E-08	6.10E-08	1.88E-08	7.98E-08	1.44E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
167	624727.11	4265633.53	7.27E-08	2.50E-08	9.77E-08	6.08E-08	1.87E-08	7.95E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
168	624717.2	4265633.39	7.30E-08	2.51E-08	9.81E-08	6.10E-08	1.88E-08	7.98E-08	1.45E-08	4.81E-09	1.93E-08	1.13E-08	2.32E-09	1.36E-08
169	624707.29	4265633.25	7.39E-08	2.54E-08	9.94E-08	6.18E-08	1.90E-08	8.08E-08	1.46E-08	4.87E-09	1.95E-08	1.14E-08	2.35E-09	1.38E-08
170	624697.38	4265633.12	7.51E-08	2.58E-08	1.01E-07	6.28E-08	1.93E-08	8.21E-08	1.49E-08	4.95E-09	1.98E-08	1.16E-08	2.38E-09	1.40E-08
171	624687.48	4265632.98	7.61E-08	2.62E-08	1.02E-07	6.36E-08	1.96E-08	8.32E-08	1.51E-08	5.01E-09	2.01E-08	1.17E-08	2.41E-09	1.42E-08
172	624677.57	4265632.84	7.65E-08	2.63E-08	1.03E-07	6.39E-08	1.97E-08	8.36E-08	1.51E-08	5.04E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
173	624667.66	4265632.7	7.64E-08	2.63E-08	1.03E-07	6.38E-08	1.97E-08	8.35E-08	1.51E-08	5.03E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
174	624657.75	4265632.57	7.62E-08	2.62E-08	1.02E-07	6.37E-08	1.96E-08	8.34E-08	1.51E-08	5.02E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
175	624647.84	4265632.43	7.65E-08	2.63E-08	1.03E-07	6.40E-08	1.97E-08	8.37E-08	1.51E-08	5.04E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
176	624637.93	4265632.29	7.73E-08	2.66E-08	1.04E-07	6.46E-08	1.99E-08	8.45E-08	1.53E-08	5.09E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
177	624628.02	4265632.15	7.82E-08	2.69E-08	1.05E-07	6.54E-08	2.01E-08	8.55E-08	1.55E-08	5.15E-09	2.06E-08	1.21E-08	2.48E-09	1.46E-08
178	624618.11	4265632.02	7.87E-08	2.71E-08	1.06E-07	6.58E-08	2.03E-08	8.60E-08	1.56E-08	5.18E-09	2.08E-08	1.21E-08	2.50E-09	1.46E-08
179	624608.2	4265631.88	7.83E-08	2.69E-08	1.05E-07	6.54E-08	2.01E-08	8.56E-08	1.55E-08	5.16E-09	2.06E-08	1.21E-08	2.48E-09	1.46E-08
180	624598.3	4265631.74	7.72E-08	2.65E-08	1.04E-07	6.45E-08	1.99E-08	8.44E-08	1.53E-08	5.08E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
181	624588.39	4265631.6	7.62E-08	2.62E-08	1.02E-07	6.37E-08	1.96E-08	8.33E-08	1.51E-08	5.02E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
182	624578.48	4265631.47	7.58E-08	2.61E-08	1.02E-07	6.34E-08	1.95E-08	8.29E-08	1.50E-08	5.00E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
183	624568.57	4265631.33	7.58E-08	2.61E-08	1.02E-07	6.33E-08	1.95E-08	8.29E-08	1.50E-08	4.99E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
184	624558.66	4265631.19	7.54E-08	2.59E-08	1.01E-07	6.31E-08	1.94E-08	8.25E-08	1.49E-08	4.97E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
185	624548.75	4265631.05	7.43E-08	2.55E-08	9.98E-08	6.21E-08	1.91E-08	8.12E-08	1.47E-08	4.89E-09	1.96E-08	1.15E-08	2.36E-09	1.38E-08
186	624538.84	4265630.92	7.23E-08	2.49E-08	9.72E-08	6.05E-08	1.86E-08	7.91E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
187	624528.93	4265630.78	7.04E-08	2.42E-08	9.46E-08	5.88E-08	1.81E-08	7.69E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.23E-09	1.31E-08
188	624519.03	4265630.64	6.89E-08	2.37E-08	9.26E-08	5.76E-08	1.77E-08	7.53E-08	1.36E-08	4.54E-09	1.82E-08	1.06E-08	2.19E-09	1.28E-08
189	624509.12	4265630.5	6.78E-08	2.33E-08	9.11E-08	5.67E-08	1.75E-08	7.41E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
190	624499.21	4265630.37	6.65E-08	2.29E-08	8.94E-08	5.56E-08	1.71E-08	7.27E-08	1.32E-08	4.38E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
191	624489.3	4265630.23	6.46E-08	2.22E-08	8.68E-08	5.40E-08	1.66E-08	7.06E-08	1.28E-08	4.26E-09	1.70E-08	9.97E-09	2.05E-09	1.20E-08
192	624479.39	4265630.09	6.20E-08	2.13E-08	8.34E-08	5.18E-08	1.60E-08	6.78E-08	1.23E-08	4.09E-09	1.64E-08	9.57E-09	1.97E-09	1.15E-08
193	624469.48	4265629.96	5.94E-08	2.04E-08	7.99E-08	4.97E-08	1.53E-08	6.50E-08	1.18E-08	3.92E-09	1.57E-08	9.17E-09	1.89E-09	1.11E-08
194	624459.57	4265629.82	5.73E-08	1.97E-08	7.70E-08	4.79E-08	1.48E-08	6.26E-08	1.13E-08	3.78E-09	1.51E-08	8.84E-09	1.82E-09	1.07E-08
195	624449.66	4265629.68	5.55E-08	1.91E-08	7.46E-08	4.64E-08	1.43E-08	6.07E-08	1.10E-08	3.66E-09	1.46E-08	8.57E-09	1.76E-09	1.03E-08
196	624439.76	4265629.54	5.36E-08	1.84E-08	7.20E-08	4.48E-08	1.38E-08	5.86E-08	1.06E-08	3.53E-09	1.41E-08	8.27E-09	1.70E-09	9.97E-09
197	624429.85	4265629.41	5.09E-08	1.75E-08	6.84E-08	4.25E-08	1.31E-08	5.57E-08	1.01E-08	3.35E-09	1.34E-08	7.85E-09	1.62E-09	9.47E-09
198	624419.94	4265629.27	4.72E-08	1.62E-08	6.34E-08	3.95E-08	1.22E-08	5.16E-08	9.34E-09	3.11E-09	1.25E-08	7.28E-09	1.50E-09	8.78E-09
199	624410.03	4265629.13	4.29E-08	1.48E-08	5.77E-08	3.59E-08	1.11E-08	4.70E-08	8.50E-09	2.83E-09	1.13E-08	6.63E-09	1.36E-09	7.99E-09
200	624400.12	4265628.99	3.90E-08	1.34E-08	5.23E-08	3.26E-08	1.00E-08	4.26E-08	7.71E-09	2.57E-09	1.03E-08	6.01E-09	1.24E-09	7.25E-09
201	624390.21	4265628.86	3.57E-08	1.23E-08	4.79E-08	2.98E-08	9.18E-09	3.90E-08	7.06E-09	2.35E-09	9.41E-09	5.50E-09	1.13E-09	6.64E-09
202	624873.66	4265632.9	4.92E-08	1.69E-08	6.61E-08	4.11E-08	1.27E-08	5.37E-08	9.73E-09	3.24E-09	1.30E-08	7.59E-09	1.56E-09	9.15E-09
203	624882.46	4265636.7	4.72E-08	1.62E-08	6.35E-08	3.95E-08	1.22E-08	5.16E-08	9.35E-09	3.11E-09	1.25E-08	7.29E-09	1.50E-09	8.78E-09

204	624894.78	4265649.4	4.53E-08	1.56E-08	6.09E-08	3.79E-08	1.17E-08	4.96E-08	8.98E-09	2.99E-09	1.20E-08	7.00E-09	1.44E-09	8.44E-09
205	624898.31	4265658.31	4.53E-08	1.56E-08	6.09E-08	3.79E-08	1.17E-08	4.95E-08	8.96E-09	2.98E-09	1.19E-08	6.99E-09	1.44E-09	8.43E-09
206	624901.84	4265667.22	4.51E-08	1.55E-08	6.06E-08	3.77E-08	1.16E-08	4.93E-08	8.93E-09	2.97E-09	1.19E-08	6.96E-09	1.43E-09	8.39E-09
207	624846.15	4265625.18	5.54E-08	1.90E-08	7.44E-08	4.63E-08	1.43E-08	6.06E-08	1.10E-08	3.65E-09	1.46E-08	8.55E-09	1.76E-09	1.03E-08
208	624836.25	4265625.04	5.79E-08	1.99E-08	7.78E-08	4.84E-08	1.49E-08	6.33E-08	1.15E-08	3.82E-09	1.53E-08	8.94E-09	1.84E-09	1.08E-08
209	624826.34	4265624.9	6.00E-08	2.06E-08	8.07E-08	5.02E-08	1.55E-08	6.56E-08	1.19E-08	3.96E-09	1.58E-08	9.27E-09	1.91E-09	1.12E-08
210	624816.43	4265624.77	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.51E-09	1.96E-09	1.15E-08
211	624806.52	4265624.63	6.27E-08	2.16E-08	8.43E-08	5.24E-08	1.61E-08	6.86E-08	1.24E-08	4.13E-09	1.65E-08	9.68E-09	1.99E-09	1.17E-08
212	624796.61	4265624.49	6.35E-08	2.18E-08	8.54E-08	5.31E-08	1.64E-08	6.94E-08	1.26E-08	4.18E-09	1.68E-08	9.80E-09	2.02E-09	1.18E-08
213	624786.7	4265624.35	6.44E-08	2.21E-08	8.65E-08	5.38E-08	1.66E-08	7.04E-08	1.27E-08	4.24E-09	1.70E-08	9.93E-09	2.04E-09	1.20E-08
214	624776.79	4265624.22	6.54E-08	2.25E-08	8.78E-08	5.46E-08	1.68E-08	7.15E-08	1.29E-08	4.31E-09	1.72E-08	1.01E-08	2.07E-09	1.22E-08
215	624766.88	4265624.08	6.64E-08	2.28E-08	8.92E-08	5.55E-08	1.71E-08	7.25E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.11E-09	1.23E-08
216	624756.98	4265623.94	6.71E-08	2.31E-08	9.01E-08	5.61E-08	1.73E-08	7.33E-08	1.33E-08	4.42E-09	1.77E-08	1.03E-08	2.13E-09	1.25E-08
217	624747.07	4265623.8	6.74E-08	2.32E-08	9.05E-08	5.63E-08	1.73E-08	7.36E-08	1.33E-08	4.44E-09	1.78E-08	1.04E-08	2.14E-09	1.25E-08
218	624737.16	4265623.67	6.74E-08	2.32E-08	9.06E-08	5.63E-08	1.74E-08	7.37E-08	1.33E-08	4.44E-09	1.78E-08	1.04E-08	2.14E-09	1.25E-08
219	624727.25	4265623.53	6.75E-08	2.32E-08	9.07E-08	5.64E-08	1.74E-08	7.38E-08	1.34E-08	4.45E-09	1.78E-08	1.04E-08	2.14E-09	1.26E-08
220	624717.34	4265623.39	6.80E-08	2.34E-08	9.13E-08	5.68E-08	1.75E-08	7.43E-08	1.35E-08	4.48E-09	1.79E-08	1.05E-08	2.16E-09	1.26E-08
221	624707.43	4265623.25	6.87E-08	2.36E-08	9.23E-08	5.74E-08	1.77E-08	7.51E-08	1.36E-08	4.53E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
222	624697.52	4265623.12	6.95E-08	2.39E-08	9.34E-08	5.81E-08	1.79E-08	7.60E-08	1.38E-08	4.58E-09	1.83E-08	1.07E-08	2.21E-09	1.29E-08
223	624687.61	4265622.98	7.01E-08	2.41E-08	9.43E-08	5.86E-08	1.81E-08	7.67E-08	1.39E-08	4.62E-09	1.85E-08	1.08E-08	2.23E-09	1.30E-08
224	624677.7	4265622.84	7.04E-08	2.42E-08	9.47E-08	5.89E-08	1.81E-08	7.70E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
225	624667.8	4265622.7	7.05E-08	2.42E-08	9.47E-08	5.89E-08	1.81E-08	7.71E-08	1.40E-08	4.64E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
226	624657.89	4265622.57	7.06E-08	2.43E-08	9.48E-08	5.90E-08	1.82E-08	7.72E-08	1.40E-08	4.65E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
227	624647.98	4265622.43	7.09E-08	2.44E-08	9.53E-08	5.92E-08	1.83E-08	7.75E-08	1.40E-08	4.67E-09	1.87E-08	1.09E-08	2.25E-09	1.32E-08
228	624638.07	4265622.29	7.14E-08	2.45E-08	9.59E-08	5.97E-08	1.84E-08	7.80E-08	1.41E-08	4.70E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
229	624628.16	4265622.15	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
230	624618.25	4265622.02	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
231	624608.34	4265621.88	7.14E-08	2.45E-08	9.59E-08	5.97E-08	1.84E-08	7.80E-08	1.41E-08	4.70E-09	1.88E-08	1.10E-08	2.27E-09	1.33E-08
232	624598.43	4265621.74	7.06E-08	2.43E-08	9.49E-08	5.90E-08	1.82E-08	7.72E-08	1.40E-08	4.65E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
233	624588.53	4265621.61	7.00E-08	2.41E-08	9.40E-08	5.85E-08	1.80E-08	7.65E-08	1.39E-08	4.61E-09	1.85E-08	1.08E-08	2.22E-09	1.30E-08
234	624578.62	4265621.47	6.95E-08	2.39E-08	9.35E-08	5.81E-08	1.79E-08	7.60E-08	1.38E-08	4.58E-09	1.83E-08	1.07E-08	2.21E-09	1.29E-08
235	624568.71	4265621.33	6.92E-08	2.38E-08	9.29E-08	5.78E-08	1.78E-08	7.56E-08	1.37E-08	4.56E-09	1.82E-08	1.07E-08	2.19E-09	1.29E-08
236	624558.8	4265621.19	6.85E-08	2.35E-08	9.20E-08	5.72E-08	1.76E-08	7.49E-08	1.36E-08	4.51E-09	1.81E-08	1.06E-08	2.17E-09	1.27E-08
237	624548.89	4265621.06	6.73E-08	2.31E-08	9.04E-08	5.63E-08	1.73E-08	7.36E-08	1.33E-08	4.43E-09	1.78E-08	1.04E-08	2.14E-09	1.25E-08
238	624538.98	4265620.92	6.58E-08	2.26E-08	8.84E-08	5.50E-08	1.69E-08	7.19E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.09E-09	1.22E-08
239	624529.07	4265620.78	6.42E-08	2.21E-08	8.63E-08	5.37E-08	1.65E-08	7.02E-08	1.27E-08	4.23E-09	1.69E-08	9.91E-09	2.04E-09	1.19E-08
240	624519.16	4265620.64	6.29E-08	2.16E-08	8.45E-08	5.26E-08	1.62E-08	6.87E-08	1.24E-08	4.14E-09	1.66E-08	9.70E-09	2.00E-09	1.17E-08
241	624509.26	4265620.51	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.51E-09	1.96E-09	1.15E-08
242	624499.35	4265620.37	6.02E-08	2.07E-08	8.09E-08	5.03E-08	1.55E-08	6.58E-08	1.19E-08	3.97E-09	1.59E-08	9.29E-09	1.91E-09	1.12E-08
243	624489.44	4265620.23	5.83E-08	2.01E-08	7.84E-08	4.88E-08	1.50E-08	6.38E-08	1.15E-08	3.84E-09	1.54E-08	9.00E-09	1.85E-09	1.09E-08
244	624479.53	4265620.09	5.62E-08	1.93E-08	7.55E-08	4.70E-08	1.45E-08	6.14E-08	1.11E-08	3.70E-09	1.48E-08	8.67E-09	1.78E-09	1.05E-08
245	624469.62	4265619.96	5.41E-08	1.86E-08	7.27E-08	4.52E-08	1.39E-08	5.91E-08	1.07E-08	3.56E-09	1.43E-08	8.34E-09	1.72E-09	1.01E-08
246	624459.71	4265619.82	5.21E-08	1.79E-08	7.01E-08	4.36E-08	1.34E-08	5.70E-08	1.03E-08	3.43E-09	1.38E-08	8.04E-09	1.65E-09	9.70E-09
247	624449.8	4265619.68	5.02E-08	1.73E-08	6.75E-08	4.20E-08	1.29E-08	5.49E-08	9.95E-09	3.31E-09	1.33E-08	7.75E-09	1.59E-09	9.35E-09
248	624439.89	4265619.54	4.81E-08	1.65E-08	6.47E-08	4.02E-08	1.24E-08	5.26E-08	9.53E-09	3.17E-09	1.27E-08	7.43E-09	1.53E-09	8.95E-09
249	624429.98	4265619.41	4.55E-08	1.56E-08	6.11E-08	3.80E-08	1.17E-08	4.97E-08	9.00E-09	3.00E-09	1.20E-08	7.02E-09	1.44E-09	8.46E-09
250	624420.08	4265619.27	4.23E-08	1.45E-08	5.69E-08	3.54E-08	1.09E-08	4.63E-08	8.37E-09	2.79E-09	1.12E-08	6.53E-09	1.34E-09	7.87E-09
251	624410.17	4265619.13	3.89E-08	1.34E-08	5.23E-08	3.25E-08	1.00E-08	4.26E-08	7.71E-09	2.56E-09	1.03E-08	6.01E-09	1.24E-09	7.24E-09
252	624400.26	4265618.99	3.58E-08	1.23E-08	4.81E-08	2.99E-08	9.21E-09	3.91E-08	7.08E-09	2.36E-09	9.44E-09	5.52E-09	1.14E-09	6.66E-09
253	624390.35	4265618.86	3.31E-08	1.14E-08	4.45E-08	2.77E-08	8.52E-09	3.62E-08	6.55E-09	2.18E-09	8.73E-09	5.11E-09	1.05E-09	6.16E-09
254	624873.1	4265622.6	4.75E-08	1.63E-08	6.38E-08	3.97E-08	1.22E-08	5.19E-08	9.39E-09	3.13E-09	1.25E-08	7.32E-09	1.51E-09	8.83E-09
255	624881.54	4265626.25	4.59E-08	1.58E-08	6.16E-08	3.83E-08	1.18E-08	5.01E-08	9.08E-09	3.02E-09	1.21E-08	7.08E-09	1.46E-09	8.53E-09
256	624889.99	4265629.89	4.42E-08	1.52E-08	5.94E-08	3.69E-08	1.14E-08	4.83E-08	8.75E-09	2.91E-09	1.17E-08	6.82E-09	1.40E-09	8.22E-09
257	624901.82	4265642.08	4.26E-08	1.47E-08	5.73E-08	3.56E-08	1.10E-08	4.66E-08	8.44E-09	2.81E-09	1.12E-08	6.58E-09	1.35E-09	7.93E-09
258	624905.21	4265650.64	4.26E-08	1.46E-08	5.72E-08	3.56E-08	1.10E-08	4.66E-08	8.43E-09	2.81E-09	1.12E-08	6.57E-09	1.35E-09	7.92E-09
259	624908.59	4265659.19	4.24E-08	1.46E-08	5.70E-08	3.55E-08	1.09E-08	4.64E-08	8.40E-09	2.80E-09	1.12E-08	6.55E-09	1.35E-09	7.90E-09
260	624911.98	4265667.74	4.22E-08	1.45E-08	5.67E-08	3.53E-08	1.09E-08	4.61E-08	8.35E-09	2.78E-09	1.11E-08	6.51E-09	1.34E-09	7.85E-09
261	624846.29	4265615.18	5.24E-08	1.80E-08	7.04E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.45E-09	1.38E-08	8.09E-09	1.66E-09	9.75E-09
262	624836.38	4265615.04	5.44E-08	1.87E-08	7.32E-08	4.55E-08	1.40E-08	5.95E-08	1.08E-08	3.59E-09	1.44E-08	8.40E-09	1.73E-09	1.01E-08
263	624826.48	4265614.9	5.61E-08	1.93E-08	7.54E-08	4.69E-08	1.44E-08	6.14E-08	1.11E-08	3.70E-09	1.48E-08	8.66E-09	1.78E-09	1.04E-08
264	624816.57	4265614.77	5.74E-08	1.97E-08	7.72E-08	4.80E-08	1.48E-08	6.28E-08	1.14E-08	3.78E-09	1.52E-08	8.86E-09	1.82E-09	1.07E-08
265	624806.66	4265614.63	5.84E-08	2.01E-08	7.85E-08	4.88E-08	1.50E-08	6.39E-08	1.16E-08	3.85E-09	1.54E-08	9.01E-09	1.85E-09	1.09E-08
266	624796.75	4265614.49	5.93E-08	2.04E-08	7.96E-08	4.95E-08	1.53E-08	6.48E-08	1.17E-08	3.90E-09	1.56E-08	9.14E-09	1.88E-09	1.10E-08
267	624786.84	4265614.35	6.01E-08	2.07E-08	8.07E-08	5.02E-08	1.55E-08	6.57E-08	1.19E-08	3.96E-09	1.59E-08	9.27E-09	1.91E-09	1.12E-08
268	624776.93	4265614.22	6.09E-08	2.09E-08	8.18E-08	5.09E-08	1.57E-08	6.66E-08	1.21E-08	4.01E-09	1.61E-08	9.40E-09	1.93E-09	1.13E-08
269	624767.02	4265614.08	6.16E-08	2.12E-08	8.28E-08	5.15E-08	1.59E-08	6.74E-08	1.22E-08	4.06E-09	1.63E-08	9.51E-09	1.96E-09	1.15E-08
270	624757.11	4265613.94	6.22E-08	2.14E-08	8.35E-08	5.20E-08	1.60E-08	6.80E-08	1.23E-08	4.10E-09	1.64E-08	9.59E-09	1.97E-09	1.16E-08
271	624747.21	4265613.8	6.25E-08	2.15E-08	8.40E-08	5.22E-08	1.61E-08	6.83E-08	1.24E-08	4.12E-09	1.65E-08	9.64E-09	1.98E-09	1.16E-08
272	624737.3	4265613.67	6.27E-08	2.16E-08	8.43E-08	5.24E-08	1.61E-08	6.86E-08	1.24E-08	4.13E-09	1.65E-08	9.68E-09	1.99E-09	1.17E-08

273	624727.39	4265613.53	6.30E-08	2.17E-08	8.47E-08	5.27E-08	1.62E-08	6.89E-08	1.25E-08	4.15E-09	1.66E-08	9.72E-09	2.00E-09	1.17E-08
274	624717.48	4265613.39	6.35E-08	2.18E-08	8.53E-08	5.30E-08	1.63E-08	6.94E-08	1.26E-08	4.18E-09	1.67E-08	9.79E-09	2.01E-09	1.18E-08
275	624707.57	4265613.25	6.40E-08	2.20E-08	8.60E-08	5.35E-08	1.65E-08	7.00E-08	1.27E-08	4.22E-09	1.69E-08	9.88E-09	2.03E-09	1.19E-08
276	624697.66	4265613.12	6.46E-08	2.22E-08	8.68E-08	5.40E-08	1.66E-08	7.06E-08	1.28E-08	4.26E-09	1.70E-08	9.97E-09	2.05E-09	1.20E-08
277	624687.75	4265612.98	6.50E-08	2.24E-08	8.74E-08	5.44E-08	1.67E-08	7.11E-08	1.29E-08	4.29E-09	1.72E-08	1.00E-08	2.06E-09	1.21E-08
278	624677.84	4265612.84	6.53E-08	2.25E-08	8.77E-08	5.46E-08	1.68E-08	7.14E-08	1.29E-08	4.30E-09	1.72E-08	1.01E-08	2.07E-09	1.21E-08
279	624667.93	4265612.71	6.54E-08	2.25E-08	8.80E-08	5.47E-08	1.68E-08	7.16E-08	1.30E-08	4.31E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
280	624658.03	4265612.57	6.56E-08	2.26E-08	8.82E-08	5.48E-08	1.69E-08	7.17E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
281	624648.12	4265612.43	6.58E-08	2.26E-08	8.85E-08	5.50E-08	1.70E-08	7.20E-08	1.30E-08	4.34E-09	1.74E-08	1.02E-08	2.09E-09	1.23E-08
282	624638.21	4265612.29	6.61E-08	2.27E-08	8.88E-08	5.52E-08	1.70E-08	7.23E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
283	624628.3	4265612.16	6.62E-08	2.28E-08	8.90E-08	5.53E-08	1.70E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
284	624618.39	4265612.02	6.61E-08	2.27E-08	8.88E-08	5.52E-08	1.70E-08	7.22E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
285	624608.48	4265611.88	6.56E-08	2.26E-08	8.82E-08	5.49E-08	1.69E-08	7.18E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
286	624598.57	4265611.74	6.51E-08	2.24E-08	8.75E-08	5.44E-08	1.68E-08	7.12E-08	1.29E-08	4.29E-09	1.72E-08	1.00E-08	2.07E-09	1.21E-08
287	624588.66	4265611.61	6.45E-08	2.22E-08	8.67E-08	5.39E-08	1.66E-08	7.06E-08	1.28E-08	4.25E-09	1.70E-08	9.96E-09	2.05E-09	1.20E-08
288	624578.76	4265611.47	6.40E-08	2.20E-08	8.61E-08	5.35E-08	1.65E-08	7.00E-08	1.27E-08	4.22E-09	1.69E-08	9.88E-09	2.03E-09	1.19E-08
289	624568.85	4265611.33	6.34E-08	2.18E-08	8.53E-08	5.30E-08	1.63E-08	6.94E-08	1.26E-08	4.18E-09	1.67E-08	9.79E-09	2.01E-09	1.18E-08
290	624558.94	4265611.19	6.26E-08	2.15E-08	8.42E-08	5.23E-08	1.61E-08	6.85E-08	1.24E-08	4.13E-09	1.65E-08	9.66E-09	1.99E-09	1.17E-08
291	624549.03	4265611.06	6.15E-08	2.12E-08	8.27E-08	5.14E-08	1.58E-08	6.73E-08	1.22E-08	4.05E-09	1.62E-08	9.49E-09	1.95E-09	1.14E-08
292	624539.12	4265610.92	6.02E-08	2.07E-08	8.09E-08	5.03E-08	1.55E-08	6.59E-08	1.19E-08	3.97E-09	1.59E-08	9.29E-09	1.91E-09	1.12E-08
293	624529.21	4265610.78	5.89E-08	2.03E-08	7.92E-08	4.93E-08	1.52E-08	6.44E-08	1.17E-08	3.88E-09	1.55E-08	9.09E-09	1.87E-09	1.10E-08
294	624519.3	4265610.64	5.77E-08	1.98E-08	7.75E-08	4.82E-08	1.48E-08	6.30E-08	1.14E-08	3.80E-09	1.52E-08	8.90E-09	1.83E-09	1.07E-08
295	624509.39	4265610.51	5.63E-08	1.94E-08	7.57E-08	4.71E-08	1.45E-08	6.16E-08	1.12E-08	3.71E-09	1.49E-08	8.69E-09	1.79E-09	1.05E-08
296	624499.49	4265610.37	5.49E-08	1.89E-08	7.37E-08	4.59E-08	1.41E-08	6.00E-08	1.09E-08	3.61E-09	1.45E-08	8.46E-09	1.74E-09	1.02E-08
297	624489.58	4265610.23	5.32E-08	1.83E-08	7.14E-08	4.44E-08	1.37E-08	5.81E-08	1.05E-08	3.50E-09	1.40E-08	8.20E-09	1.69E-09	9.89E-09
298	624479.67	4265610.09	5.13E-08	1.76E-08	6.90E-08	4.29E-08	1.32E-08	5.61E-08	1.02E-08	3.38E-09	1.35E-08	7.92E-09	1.63E-09	9.55E-09
299	624469.76	4265609.96	4.95E-08	1.70E-08	6.65E-08	4.14E-08	1.27E-08	5.41E-08	9.79E-09	3.26E-09	1.31E-08	7.64E-09	1.57E-09	9.21E-09
300	624459.85	4265609.82	4.77E-08	1.64E-08	6.40E-08	3.98E-08	1.23E-08	5.21E-08	9.43E-09	3.14E-09	1.26E-08	7.35E-09	1.51E-09	8.86E-09
301	624449.94	4265609.68	4.57E-08	1.57E-08	6.15E-08	3.82E-08	1.18E-08	5.00E-08	9.05E-09	3.01E-09	1.21E-08	7.06E-09	1.45E-09	8.51E-09
302	624440.03	4265609.54	4.36E-08	1.50E-08	5.86E-08	3.64E-08	1.12E-08	4.77E-08	8.63E-09	2.87E-09	1.15E-08	6.73E-09	1.38E-09	8.11E-09
303	624430.12	4265609.41	4.12E-08	1.42E-08	5.53E-08	3.44E-08	1.06E-08	4.50E-08	8.15E-09	2.71E-09	1.09E-08	6.35E-09	1.31E-09	7.66E-09
304	624420.21	4265609.27	3.85E-08	1.32E-08	5.17E-08	3.21E-08	9.90E-09	4.20E-08	7.61E-09	2.53E-09	1.01E-08	5.93E-09	1.22E-09	7.15E-09
305	624410.31	4265609.13	3.57E-08	1.23E-08	4.80E-08	2.99E-08	9.20E-09	3.91E-08	7.07E-09	2.35E-09	9.43E-09	5.51E-09	1.13E-09	6.65E-09
306	624400.4	4265609	3.32E-08	1.14E-08	4.46E-08	2.77E-08	8.54E-09	3.63E-08	6.57E-09	2.19E-09	8.75E-09	5.12E-09	1.05E-09	6.17E-09
307	624390.49	4265608.86	3.09E-08	1.06E-08	4.16E-08	2.59E-08	7.96E-09	3.38E-08	6.12E-09	2.04E-09	8.16E-09	4.77E-09	9.82E-10	5.75E-09
308	624880.98	4265615.94	4.44E-08	1.53E-08	5.97E-08	3.71E-08	1.14E-08	4.85E-08	8.79E-09	2.93E-09	1.17E-08	6.85E-09	1.41E-09	8.26E-09
309	624897.4	4265623.03	4.16E-08	1.43E-08	5.59E-08	3.47E-08	1.07E-08	4.54E-08	8.23E-09	2.74E-09	1.10E-08	6.41E-09	1.32E-09	7.73E-09
310	624908.9	4265634.88	4.02E-08	1.38E-08	5.40E-08	3.36E-08	1.03E-08	4.39E-08	7.95E-09	2.65E-09	1.06E-08	6.20E-09	1.28E-09	7.48E-09
311	624915.49	4265651.52	4.01E-08	1.38E-08	5.38E-08	3.35E-08	1.03E-08	4.38E-08	7.93E-09	2.64E-09	1.06E-08	6.18E-09	1.27E-09	7.45E-09
312	624918.78	4265659.83	3.99E-08	1.37E-08	5.36E-08	3.33E-08	1.03E-08	4.36E-08	7.89E-09	2.63E-09	1.05E-08	6.15E-09	1.27E-09	7.42E-09
313	624846.43	4265605.18	4.97E-08	1.71E-08	6.68E-08	4.15E-08	1.28E-08	5.43E-08	9.83E-09	3.27E-09	1.31E-08	7.67E-09	1.58E-09	9.24E-09
314	624836.52	4265605.04	5.13E-08	1.77E-08	6.90E-08	4.29E-08	1.32E-08	5.61E-08	1.02E-08	3.38E-09	1.35E-08	7.92E-09	1.63E-09	9.55E-09
315	624826.61	4265604.9	5.27E-08	1.81E-08	7.08E-08	4.41E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.13E-09	1.67E-09	9.81E-09
316	624816.71	4265604.77	5.38E-08	1.85E-08	7.23E-08	4.50E-08	1.39E-08	5.89E-08	1.07E-08	3.55E-09	1.42E-08	8.31E-09	1.71E-09	1.00E-08
317	624806.8	4265604.63	5.47E-08	1.88E-08	7.36E-08	4.58E-08	1.41E-08	5.99E-08	1.08E-08	3.61E-09	1.44E-08	8.45E-09	1.74E-09	1.02E-08
318	624796.89	4265604.49	5.56E-08	1.91E-08	7.47E-08	4.64E-08	1.43E-08	6.07E-08	1.10E-08	3.66E-09	1.47E-08	8.57E-09	1.76E-09	1.03E-08
319	624786.98	4265604.35	5.63E-08	1.94E-08	7.57E-08	4.71E-08	1.45E-08	6.16E-08	1.11E-08	3.71E-09	1.49E-08	8.69E-09	1.79E-09	1.05E-08
320	624777.07	4265604.22	5.70E-08	1.96E-08	7.66E-08	4.76E-08	1.47E-08	6.23E-08	1.13E-08	3.75E-09	1.50E-08	8.79E-09	1.81E-09	1.06E-08
321	624767.16	4265604.08	5.75E-08	1.98E-08	7.73E-08	4.81E-08	1.48E-08	6.29E-08	1.14E-08	3.79E-09	1.52E-08	8.88E-09	1.83E-09	1.07E-08
322	624757.25	4265603.94	5.80E-08	1.99E-08	7.79E-08	4.85E-08	1.49E-08	6.34E-08	1.15E-08	3.82E-09	1.53E-08	8.95E-09	1.84E-09	1.08E-08
323	624747.34	4265603.81	5.83E-08	2.01E-08	7.84E-08	4.87E-08	1.50E-08	6.38E-08	1.15E-08	3.84E-09	1.54E-08	9.00E-09	1.85E-09	1.08E-08
324	624737.43	4265603.67	5.86E-08	2.02E-08	7.88E-08	4.90E-08	1.51E-08	6.41E-08	1.16E-08	3.86E-09	1.55E-08	9.05E-09	1.86E-09	1.09E-08
325	624727.53	4265603.53	5.90E-08	2.03E-08	7.93E-08	4.93E-08	1.52E-08	6.45E-08	1.17E-08	3.89E-09	1.56E-08	9.11E-09	1.87E-09	1.10E-08
326	624717.62	4265603.39	5.94E-08	2.04E-08	7.99E-08	4.97E-08	1.53E-08	6.50E-08	1.18E-08	3.92E-09	1.57E-08	9.17E-09	1.89E-09	1.11E-08
327	624707.71	4265603.26	5.99E-08	2.06E-08	8.05E-08	5.01E-08	1.54E-08	6.55E-08	1.19E-08	3.95E-09	1.58E-08	9.24E-09	1.90E-09	1.11E-08
328	624697.8	4265603.12	6.03E-08	2.07E-08	8.10E-08	5.04E-08	1.55E-08	6.59E-08	1.19E-08	3.97E-09	1.59E-08	9.30E-09	1.91E-09	1.12E-08
329	624687.89	4265602.98	6.06E-08	2.08E-08	8.15E-08	5.07E-08	1.56E-08	6.63E-08	1.20E-08	3.99E-09	1.60E-08	9.35E-09	1.92E-09	1.13E-08
330	624677.98	4265602.84	6.08E-08	2.09E-08	8.18E-08	5.09E-08	1.57E-08	6.65E-08	1.20E-08	4.01E-09	1.61E-08	9.39E-09	1.93E-09	1.13E-08
331	624668.07	4265602.71	6.10E-08	2.10E-08	8.20E-08	5.10E-08	1.57E-08	6.67E-08	1.21E-08	4.02E-09	1.61E-08	9.42E-09	1.94E-09	1.14E-08
332	624658.16	4265602.57	6.12E-08	2.10E-08	8.22E-08	5.12E-08	1.58E-08	6.69E-08	1.21E-08	4.03E-09	1.61E-08	9.44E-09	1.94E-09	1.14E-08
333	624648.26	4265602.43	6.13E-08	2.11E-08	8.24E-08	5.13E-08	1.58E-08	6.71E-08	1.21E-08	4.04E-09	1.62E-08	9.47E-09	1.95E-09	1.14E-08
334	624638.35	4265602.29	6.14E-08	2.11E-08	8.25E-08	5.13E-08	1.58E-08	6.71E-08	1.22E-08	4.05E-09	1.62E-08	9.48E-09	1.95E-09	1.14E-08
335	624628.44	4265602.16	6.14E-08	2.11E-08	8.25E-08	5.13E-08	1.58E-08	6.71E-08	1.21E-08	4.04E-09	1.62E-08	9.47E-09	1.95E-09	1.14E-08
336	624618.53	4265602.02	6.11E-08	2.10E-08	8.21E-08	5.11E-08	1.57E-08	6.68E-08	1.21E-08	4.03E-09	1.61E-08	9.43E-09	1.94E-09	1.14E-08
337	624608.62	4265601.88	6.07E-08	2.09E-08	8.16E-08	5.08E-08	1.56E-08	6.64E-08	1.20E-08	4.00E-09	1.60E-08	9.37E-09	1.93E-09	1.13E-08
338	624598.71	4265601.74	6.03E-08	2.07E-08	8.10E-08	5.04E-08	1.55E-08	6.59E-08	1.19E-08	3.97E-09	1.59E-08	9.30E-09	1.91E-09	1.12E-08
339	624588.8	4265601.61	5.98E-08	2.06E-08	8.03E-08	5.00E-08	1.54E-08	6.53E-08	1.18E-08	3.94E-09	1.58E-08	9.22E-09	1.90E-09	1.11E-08
340	624578.89	4265601.47	5.92E-08	2.04E-08	7.95E-08	4.95E-08	1.52E-08	6.47E-08	1.17E-08	3.90E-09	1.56E-08	9.13E-09	1.88E-09	1.10E-08
341	624568.99	4265601.33	5.85E-08	2.01E-08	7.86E-08	4.89E-08	1.51E-08	6.40E-08	1.16E-08	3.85E-09	1.54E-08	9.03E-09	1.86E-09	1.09E-08

342	624559.08	4265601.19	5.76E-08	1.98E-08	7.75E-08	4.82E-08	1.48E-08	6.30E-08	1.14E-08	3.80E-09	1.52E-08	8.89E-09	1.83E-09	1.07E-08
343	624549.17	4265601.06	5.66E-08	1.95E-08	7.61E-08	4.73E-08	1.46E-08	6.19E-08	1.12E-08	3.73E-09	1.49E-08	8.74E-09	1.80E-09	1.05E-08
344	624539.26	4265600.92	5.55E-08	1.91E-08	7.46E-08	4.64E-08	1.43E-08	6.07E-08	1.10E-08	3.66E-09	1.46E-08	8.56E-09	1.76E-09	1.03E-08
345	624529.35	4265600.78	5.43E-08	1.87E-08	7.30E-08	4.54E-08	1.40E-08	5.94E-08	1.08E-08	3.58E-09	1.43E-08	8.38E-09	1.72E-09	1.01E-08
346	624519.44	4265600.65	5.31E-08	1.83E-08	7.14E-08	4.44E-08	1.37E-08	5.81E-08	1.05E-08	3.50E-09	1.40E-08	8.19E-09	1.69E-09	9.88E-09
347	624509.53	4265600.51	5.18E-08	1.78E-08	6.96E-08	4.33E-08	1.33E-08	5.66E-08	1.02E-08	3.41E-09	1.37E-08	7.99E-09	1.64E-09	9.63E-09
348	624499.62	4265600.37	5.03E-08	1.73E-08	6.77E-08	4.21E-08	1.30E-08	5.50E-08	9.96E-09	3.32E-09	1.33E-08	7.77E-09	1.60E-09	9.37E-09
349	624489.71	4265600.23	4.88E-08	1.68E-08	6.56E-08	4.08E-08	1.26E-08	5.33E-08	9.66E-09	3.21E-09	1.29E-08	7.53E-09	1.55E-09	9.08E-09
350	624479.81	4265600.1	4.72E-08	1.62E-08	6.34E-08	3.94E-08	1.21E-08	5.16E-08	9.33E-09	3.11E-09	1.24E-08	7.28E-09	1.50E-09	8.77E-09
351	624469.9	4265599.96	4.55E-08	1.56E-08	6.11E-08	3.80E-08	1.17E-08	4.97E-08	9.00E-09	3.00E-09	1.20E-08	7.02E-09	1.44E-09	8.46E-09
352	624459.99	4265599.82	4.38E-08	1.50E-08	5.88E-08	3.66E-08	1.13E-08	4.78E-08	8.66E-09	2.88E-09	1.15E-08	6.75E-09	1.39E-09	8.14E-09
353	624450.08	4265599.68	4.19E-08	1.44E-08	5.63E-08	3.50E-08	1.08E-08	4.58E-08	8.29E-09	2.76E-09	1.11E-08	6.46E-09	1.33E-09	7.79E-09
354	624440.17	4265599.55	3.99E-08	1.37E-08	5.36E-08	3.33E-08	1.03E-08	4.36E-08	7.89E-09	2.63E-09	1.05E-08	6.15E-09	1.27E-09	7.42E-09
355	624430.26	4265599.41	3.76E-08	1.29E-08	5.06E-08	3.15E-08	9.69E-09	4.12E-08	7.45E-09	2.48E-09	9.93E-09	5.81E-09	1.19E-09	7.00E-09
356	624420.35	4265599.27	3.53E-08	1.22E-08	4.75E-08	2.95E-08	9.10E-09	3.86E-08	7.00E-09	2.33E-09	9.32E-09	5.45E-09	1.12E-09	6.58E-09
357	624410.44	4265599.13	3.31E-08	1.14E-08	4.45E-08	2.77E-08	8.52E-09	3.62E-08	6.55E-09	2.18E-09	8.73E-09	5.11E-09	1.05E-09	6.16E-09
358	624400.54	4265599	3.10E-08	1.07E-08	4.16E-08	2.59E-08	7.98E-09	3.39E-08	6.13E-09	2.04E-09	8.17E-09	4.78E-09	9.83E-10	5.76E-09
359	624390.63	4265598.86	2.91E-08	1.00E-08	3.91E-08	2.43E-08	7.49E-09	3.18E-08	5.75E-09	1.92E-09	7.67E-09	4.49E-09	9.23E-10	5.41E-09
360	624880.61	4265605.73	4.29E-08	1.48E-08	5.77E-08	3.59E-08	1.10E-08	4.69E-08	8.49E-09	2.83E-09	1.13E-08	6.62E-09	1.36E-09	7.98E-09
361	624896.7	4265612.67	4.05E-08	1.39E-08	5.44E-08	3.38E-08	1.04E-08	4.43E-08	8.01E-09	2.67E-09	1.07E-08	6.25E-09	1.28E-09	7.53E-09
362	624916.01	4265627.75	3.80E-08	1.31E-08	5.11E-08	3.18E-08	9.78E-09	4.15E-08	7.52E-09	2.50E-09	1.00E-08	5.86E-09	1.21E-09	7.07E-09
363	624922.46	4265644.04	3.79E-08	1.30E-08	5.09E-08	3.17E-08	9.76E-09	4.14E-08	7.50E-09	2.50E-09	1.00E-08	5.85E-09	1.20E-09	7.05E-09
364	624928.91	4265660.34	3.75E-08	1.29E-08	5.04E-08	3.14E-08	9.66E-09	4.10E-08	7.43E-09	2.47E-09	9.90E-09	5.79E-09	1.19E-09	6.98E-09
365	624846.57	4265595.18	4.72E-08	1.62E-08	6.34E-08	3.94E-08	1.21E-08	5.16E-08	9.34E-09	3.11E-09	1.24E-08	7.28E-09	1.50E-09	8.77E-09
366	624836.66	4265595.04	4.85E-08	1.67E-08	6.52E-08	4.06E-08	1.25E-08	5.31E-08	9.61E-09	3.20E-09	1.28E-08	7.49E-09	1.54E-09	9.03E-09
367	624826.75	4265594.91	4.97E-08	1.71E-08	6.68E-08	4.16E-08	1.28E-08	5.43E-08	9.84E-09	3.28E-09	1.31E-08	7.67E-09	1.58E-09	9.25E-09
368	624816.84	4265594.77	5.07E-08	1.74E-08	6.81E-08	4.24E-08	1.31E-08	5.54E-08	1.00E-08	3.34E-09	1.34E-08	7.82E-09	1.61E-09	9.43E-09
369	624806.94	4265594.63	5.15E-08	1.77E-08	6.93E-08	4.31E-08	1.33E-08	5.63E-08	1.02E-08	3.40E-09	1.36E-08	7.95E-09	1.64E-09	9.59E-09
370	624797.03	4265594.49	5.23E-08	1.80E-08	7.03E-08	4.37E-08	1.35E-08	5.72E-08	1.04E-08	3.45E-09	1.38E-08	8.07E-09	1.66E-09	9.73E-09
371	624787.12	4265594.36	5.30E-08	1.82E-08	7.12E-08	4.43E-08	1.36E-08	5.79E-08	1.05E-08	3.49E-09	1.40E-08	8.17E-09	1.68E-09	9.85E-09
372	624777.21	4265594.22	5.35E-08	1.84E-08	7.19E-08	4.47E-08	1.38E-08	5.85E-08	1.06E-08	3.53E-09	1.41E-08	8.26E-09	1.70E-09	9.96E-09
373	624767.3	4265594.08	5.40E-08	1.86E-08	7.26E-08	4.51E-08	1.39E-08	5.90E-08	1.07E-08	3.56E-09	1.42E-08	8.33E-09	1.71E-09	1.00E-08
374	624757.39	4265593.94	5.44E-08	1.87E-08	7.31E-08	4.54E-08	1.40E-08	5.94E-08	1.08E-08	3.58E-09	1.43E-08	8.39E-09	1.73E-09	1.01E-08
375	624747.48	4265593.81	5.47E-08	1.88E-08	7.35E-08	4.57E-08	1.41E-08	5.98E-08	1.08E-08	3.60E-09	1.44E-08	8.44E-09	1.74E-09	1.02E-08
376	624737.57	4265593.67	5.51E-08	1.89E-08	7.40E-08	4.60E-08	1.42E-08	6.02E-08	1.09E-08	3.63E-09	1.45E-08	8.50E-09	1.75E-09	1.02E-08
377	624727.66	4265593.53	5.55E-08	1.91E-08	7.45E-08	4.64E-08	1.43E-08	6.06E-08	1.10E-08	3.65E-09	1.46E-08	8.56E-09	1.76E-09	1.03E-08
378	624717.76	4265593.39	5.58E-08	1.92E-08	7.50E-08	4.67E-08	1.44E-08	6.10E-08	1.11E-08	3.68E-09	1.47E-08	8.61E-09	1.77E-09	1.04E-08
379	624707.85	4265593.26	5.62E-08	1.93E-08	7.55E-08	4.70E-08	1.45E-08	6.14E-08	1.11E-08	3.70E-09	1.48E-08	8.67E-09	1.78E-09	1.05E-08
380	624697.94	4265593.12	5.65E-08	1.94E-08	7.59E-08	4.72E-08	1.45E-08	6.17E-08	1.12E-08	3.72E-09	1.49E-08	8.71E-09	1.79E-09	1.05E-08
381	624688.03	4265592.98	5.67E-08	1.95E-08	7.62E-08	4.74E-08	1.46E-08	6.20E-08	1.12E-08	3.74E-09	1.50E-08	8.75E-09	1.80E-09	1.06E-08
382	624678.12	4265592.84	5.69E-08	1.96E-08	7.65E-08	4.76E-08	1.47E-08	6.22E-08	1.13E-08	3.75E-09	1.50E-08	8.78E-09	1.81E-09	1.06E-08
383	624668.21	4265592.71	5.71E-08	1.96E-08	7.67E-08	4.77E-08	1.47E-08	6.24E-08	1.13E-08	3.76E-09	1.51E-08	8.81E-09	1.81E-09	1.06E-08
384	624658.3	4265592.57	5.72E-08	1.97E-08	7.69E-08	4.78E-08	1.47E-08	6.26E-08	1.13E-08	3.77E-09	1.51E-08	8.83E-09	1.82E-09	1.06E-08
385	624648.39	4265592.43	5.73E-08	1.97E-08	7.70E-08	4.79E-08	1.48E-08	6.27E-08	1.13E-08	3.78E-09	1.51E-08	8.84E-09	1.82E-09	1.07E-08
386	624638.49	4265592.29	5.73E-08	1.97E-08	7.70E-08	4.79E-08	1.47E-08	6.26E-08	1.13E-08	3.77E-09	1.51E-08	8.84E-09	1.82E-09	1.07E-08
387	624628.58	4265592.16	5.71E-08	1.96E-08	7.67E-08	4.77E-08	1.47E-08	6.24E-08	1.13E-08	3.76E-09	1.51E-08	8.81E-09	1.81E-09	1.06E-08
388	624618.67	4265592.02	5.68E-08	1.95E-08	7.64E-08	4.75E-08	1.46E-08	6.21E-08	1.12E-08	3.74E-09	1.50E-08	8.77E-09	1.80E-09	1.06E-08
389	624608.76	4265591.88	5.64E-08	1.94E-08	7.59E-08	4.72E-08	1.45E-08	6.17E-08	1.12E-08	3.72E-09	1.49E-08	8.71E-09	1.79E-09	1.05E-08
390	624598.85	4265591.75	5.60E-08	1.93E-08	7.53E-08	4.68E-08	1.44E-08	6.12E-08	1.11E-08	3.69E-09	1.48E-08	8.64E-09	1.78E-09	1.04E-08
391	624588.94	4265591.61	5.55E-08	1.91E-08	7.46E-08	4.64E-08	1.43E-08	6.07E-08	1.10E-08	3.66E-09	1.46E-08	8.57E-09	1.76E-09	1.03E-08
392	624579.03	4265591.47	5.49E-08	1.89E-08	7.38E-08	4.59E-08	1.41E-08	6.00E-08	1.09E-08	3.62E-09	1.45E-08	8.47E-09	1.74E-09	1.02E-08
393	624569.12	4265591.33	5.42E-08	1.86E-08	7.28E-08	4.53E-08	1.40E-08	5.92E-08	1.07E-08	3.57E-09	1.43E-08	8.36E-09	1.72E-09	1.01E-08
394	624559.22	4265591.2	5.33E-08	1.83E-08	7.17E-08	4.46E-08	1.37E-08	5.83E-08	1.06E-08	3.51E-09	1.41E-08	8.23E-09	1.69E-09	9.92E-09
395	624549.31	4265591.06	5.24E-08	1.80E-08	7.04E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.45E-09	1.38E-08	8.08E-09	1.66E-09	9.75E-09
396	624539.4	4265590.92	5.14E-08	1.77E-08	6.90E-08	4.29E-08	1.32E-08	5.62E-08	1.02E-08	3.38E-09	1.36E-08	7.93E-09	1.63E-09	9.56E-09
397	624529.49	4265590.78	5.03E-08	1.73E-08	6.76E-08	4.20E-08	1.29E-08	5.50E-08	9.95E-09	3.31E-09	1.33E-08	7.76E-09	1.60E-09	9.35E-09
398	624519.58	4265590.65	4.91E-08	1.69E-08	6.60E-08	4.11E-08	1.26E-08	5.37E-08	9.72E-09	3.24E-09	1.30E-08	7.58E-09	1.56E-09	9.14E-09
399	624509.67	4265590.51	4.78E-08	1.64E-08	6.43E-08	4.00E-08	1.23E-08	5.23E-08	9.47E-09	3.15E-09	1.26E-08	7.38E-09	1.52E-09	8.90E-09
400	624499.76	4265590.37	4.65E-08	1.60E-08	6.24E-08	3.88E-08	1.20E-08	5.08E-08	9.20E-09	3.06E-09	1.23E-08	7.17E-09	1.47E-09	8.64E-09
401	624489.85	4265590.23	4.50E-08	1.55E-08	6.05E-08	3.76E-08	1.16E-08	4.92E-08	8.91E-09	2.97E-09	1.19E-08	6.95E-09	1.43E-09	8.38E-09
402	624479.94	4265590.1	4.35E-08	1.50E-08	5.85E-08	3.64E-08	1.12E-08	4.76E-08	8.62E-09	2.87E-09	1.15E-08	6.72E-09	1.38E-09	8.10E-09
403	624470.04	4265589.96	4.20E-08	1.44E-08	5.65E-08	3.51E-08	1.08E-08	4.59E-08	8.31E-09	2.77E-09	1.11E-08	6.48E-09	1.33E-09	7.82E-09
404	624460.13	4265589.82	4.04E-08	1.39E-08	5.43E-08	3.37E-08	1.04E-08	4.41E-08	7.99E-09	2.66E-09	1.07E-08	6.23E-09	1.28E-09	7.51E-09
405	624450.22	4265589.68	3.86E-08	1.33E-08	5.19E-08	3.23E-08	9.94E-09	4.22E-08	7.64E-09	2.54E-09	1.02E-08	5.96E-09	1.23E-09	7.18E-09
406	624440.31	4265589.55	3.67E-08	1.26E-08	4.93E-08	3.07E-08	9.45E-09	4.01E-08	7.27E-09	2.42E-09	9.69E-09	5.67E-09	1.17E-09	6.83E-09
407	624430.4	4265589.41	3.47E-08	1.19E-08	4.67E-08	2.90E-08	8.94E-09	3.80E-08	6.88E-09	2.29E-09	9.17E-09	5.36E-09	1.10E-09	6.46E-09
408	624420.49	4265589.27	3.28E-08	1.13E-08	4.40E-08	2.74E-08	8.44E-09	3.58E-08	6.49E-09	2.16E-09	8.64E-09	5.06E-09	1.04E-09	6.10E-09
409	624410.58	4265589.13	3.09E-08	1.06E-08	4.15E-08	2.58E-08	7.95E-09	3.37E-08	6.11E-09	2.03E-09	8.14E-09	4.76E-09	9.80E-10	5.74E-09
410	624400.67	4265589	2.91E-08	1.00E-08	3.91E-08	2.43E-08	7.49E-09	3.18E-08	5.76E-09	1.92E-09	7.67E-09	4.49E-09	9.23E-10	5.41E-09

411	624390.77	4265588.86	2.75E-08	9.44E-09	3.69E-08	2.29E-08	7.07E-09	3.00E-08	5.43E-09	1.81E-09	7.24E-09	4.24E-09	8.71E-10	5.11E-09
412	624874.72	4265593.13	4.20E-08	1.45E-08	5.65E-08	3.51E-08	1.08E-08	4.60E-08	8.32E-09	2.77E-09	1.11E-08	6.49E-09	1.33E-09	7.82E-09
413	624883.77	4265597.03	4.10E-08	1.41E-08	5.51E-08	3.43E-08	1.06E-08	4.48E-08	8.11E-09	2.70E-09	1.08E-08	6.33E-09	1.30E-09	7.63E-09
414	624892.82	4265600.93	3.98E-08	1.37E-08	5.35E-08	3.33E-08	1.03E-08	4.35E-08	7.88E-09	2.62E-09	1.05E-08	6.14E-09	1.26E-09	7.41E-09
415	624901.87	4265604.84	3.86E-08	1.33E-08	5.18E-08	3.22E-08	9.93E-09	4.22E-08	7.63E-09	2.54E-09	1.02E-08	5.95E-09	1.22E-09	7.17E-09
416	624910.92	4265608.74	3.73E-08	1.28E-08	5.01E-08	3.12E-08	9.60E-09	4.08E-08	7.38E-09	2.46E-09	9.83E-09	5.75E-09	1.18E-09	6.93E-09
417	624923.59	4265621.81	3.60E-08	1.24E-08	4.84E-08	3.01E-08	9.28E-09	3.94E-08	7.13E-09	2.37E-09	9.51E-09	5.56E-09	1.14E-09	6.70E-09
418	624927.22	4265630.97	3.60E-08	1.24E-08	4.84E-08	3.01E-08	9.27E-09	3.94E-08	7.13E-09	2.37E-09	9.50E-09	5.56E-09	1.14E-09	6.70E-09
419	624930.85	4265640.14	3.59E-08	1.23E-08	4.82E-08	3.00E-08	9.24E-09	3.92E-08	7.11E-09	2.37E-09	9.47E-09	5.54E-09	1.14E-09	6.68E-09
420	624934.48	4265649.3	3.57E-08	1.23E-08	4.80E-08	2.99E-08	9.20E-09	3.90E-08	7.07E-09	2.35E-09	9.42E-09	5.51E-09	1.13E-09	6.64E-09
421	624938.1	4265658.46	3.55E-08	1.22E-08	4.77E-08	2.96E-08	9.13E-09	3.88E-08	7.02E-09	2.34E-09	9.36E-09	5.47E-09	1.13E-09	6.60E-09
422	624941.73	4265667.63	3.51E-08	1.21E-08	4.72E-08	2.94E-08	9.05E-09	3.84E-08	6.96E-09	2.32E-09	9.27E-09	5.42E-09	1.12E-09	6.54E-09
423	624846.71	4265585.18	4.49E-08	1.54E-08	6.03E-08	3.75E-08	1.16E-08	4.90E-08	8.88E-09	2.96E-09	1.18E-08	6.92E-09	1.42E-09	8.35E-09
424	624836.8	4265585.04	4.60E-08	1.58E-08	6.19E-08	3.85E-08	1.19E-08	5.03E-08	9.11E-09	3.03E-09	1.21E-08	7.10E-09	1.46E-09	8.56E-09
425	624826.89	4265584.91	4.70E-08	1.62E-08	6.32E-08	3.93E-08	1.21E-08	5.14E-08	9.31E-09	3.10E-09	1.24E-08	7.26E-09	1.49E-09	8.75E-09
426	624816.98	4265584.77	4.79E-08	1.65E-08	6.44E-08	4.01E-08	1.23E-08	5.24E-08	9.48E-09	3.16E-09	1.26E-08	7.39E-09	1.52E-09	8.91E-09
427	624807.07	4265584.63	4.87E-08	1.67E-08	6.54E-08	4.07E-08	1.25E-08	5.32E-08	9.64E-09	3.21E-09	1.28E-08	7.51E-09	1.55E-09	9.06E-09
428	624797.17	4265584.49	4.94E-08	1.70E-08	6.64E-08	4.13E-08	1.27E-08	5.40E-08	9.77E-09	3.25E-09	1.30E-08	7.62E-09	1.57E-09	9.19E-09
429	624787.26	4265584.36	5.00E-08	1.72E-08	6.72E-08	4.18E-08	1.29E-08	5.46E-08	9.89E-09	3.29E-09	1.32E-08	7.71E-09	1.59E-09	9.30E-09
430	624777.35	4265584.22	5.05E-08	1.74E-08	6.78E-08	4.22E-08	1.30E-08	5.52E-08	9.99E-09	3.32E-09	1.33E-08	7.79E-09	1.60E-09	9.39E-09
431	624767.44	4265584.08	5.09E-08	1.75E-08	6.83E-08	4.25E-08	1.31E-08	5.56E-08	1.01E-08	3.35E-09	1.34E-08	7.85E-09	1.61E-09	9.46E-09
432	624757.53	4265583.94	5.12E-08	1.76E-08	6.88E-08	4.28E-08	1.32E-08	5.60E-08	1.01E-08	3.37E-09	1.35E-08	7.90E-09	1.62E-09	9.52E-09
433	624747.62	4265583.81	5.15E-08	1.77E-08	6.92E-08	4.31E-08	1.33E-08	5.63E-08	1.02E-08	3.39E-09	1.36E-08	7.95E-09	1.64E-09	9.59E-09
434	624737.71	4265583.67	5.19E-08	1.78E-08	6.97E-08	4.34E-08	1.34E-08	5.67E-08	1.03E-08	3.42E-09	1.37E-08	8.01E-09	1.65E-09	9.65E-09
435	624727.8	4265583.53	5.22E-08	1.80E-08	7.02E-08	4.37E-08	1.35E-08	5.71E-08	1.03E-08	3.44E-09	1.38E-08	8.06E-09	1.66E-09	9.72E-09
436	624717.89	4265583.4	5.26E-08	1.81E-08	7.07E-08	4.39E-08	1.35E-08	5.75E-08	1.04E-08	3.46E-09	1.39E-08	8.11E-09	1.67E-09	9.78E-09
437	624707.99	4265583.26	5.28E-08	1.82E-08	7.10E-08	4.42E-08	1.36E-08	5.78E-08	1.05E-08	3.48E-09	1.39E-08	8.15E-09	1.68E-09	9.83E-09
438	624698.08	4265583.12	5.31E-08	1.83E-08	7.13E-08	4.44E-08	1.37E-08	5.80E-08	1.05E-08	3.50E-09	1.40E-08	8.19E-09	1.68E-09	9.87E-09
439	624688.17	4265582.98	5.33E-08	1.83E-08	7.16E-08	4.45E-08	1.37E-08	5.82E-08	1.05E-08	3.51E-09	1.41E-08	8.22E-09	1.69E-09	9.91E-09
440	624678.26	4265582.85	5.34E-08	1.84E-08	7.18E-08	4.47E-08	1.38E-08	5.84E-08	1.06E-08	3.52E-09	1.41E-08	8.25E-09	1.70E-09	9.94E-09
441	624668.35	4265582.71	5.36E-08	1.84E-08	7.20E-08	4.48E-08	1.38E-08	5.86E-08	1.06E-08	3.53E-09	1.41E-08	8.27E-09	1.70E-09	9.97E-09
442	624658.44	4265582.57	5.37E-08	1.85E-08	7.21E-08	4.49E-08	1.38E-08	5.87E-08	1.06E-08	3.54E-09	1.42E-08	8.28E-09	1.70E-09	9.99E-09
443	624648.53	4265582.43	5.37E-08	1.85E-08	7.22E-08	4.49E-08	1.38E-08	5.87E-08	1.06E-08	3.54E-09	1.42E-08	8.29E-09	1.70E-09	9.99E-09
444	624638.62	4265582.3	5.36E-08	1.84E-08	7.20E-08	4.48E-08	1.38E-08	5.86E-08	1.06E-08	3.53E-09	1.41E-08	8.27E-09	1.70E-09	9.97E-09
445	624628.72	4265582.16	5.34E-08	1.83E-08	7.17E-08	4.46E-08	1.37E-08	5.83E-08	1.06E-08	3.52E-09	1.41E-08	8.23E-09	1.69E-09	9.93E-09
446	624618.81	4265582.02	5.30E-08	1.82E-08	7.13E-08	4.43E-08	1.37E-08	5.80E-08	1.05E-08	3.49E-09	1.40E-08	8.18E-09	1.68E-09	9.87E-09
447	624608.9	4265581.88	5.27E-08	1.81E-08	7.08E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.13E-09	1.67E-09	9.80E-09
448	624598.99	4265581.75	5.23E-08	1.80E-08	7.02E-08	4.37E-08	1.35E-08	5.71E-08	1.03E-08	3.44E-09	1.38E-08	8.06E-09	1.66E-09	9.72E-09
449	624589.08	4265581.61	5.18E-08	1.78E-08	6.96E-08	4.33E-08	1.33E-08	5.66E-08	1.02E-08	3.41E-09	1.37E-08	7.99E-09	1.64E-09	9.63E-09
450	624579.17	4265581.47	5.11E-08	1.76E-08	6.87E-08	4.27E-08	1.32E-08	5.59E-08	1.01E-08	3.37E-09	1.35E-08	7.89E-09	1.62E-09	9.51E-09
451	624569.26	4265581.33	5.04E-08	1.73E-08	6.77E-08	4.21E-08	1.30E-08	5.51E-08	9.98E-09	3.32E-09	1.33E-08	7.78E-09	1.60E-09	9.38E-09
452	624559.35	4265581.2	4.96E-08	1.70E-08	6.66E-08	4.14E-08	1.28E-08	5.42E-08	9.81E-09	3.27E-09	1.31E-08	7.65E-09	1.57E-09	9.22E-09
453	624549.45	4265581.06	4.87E-08	1.67E-08	6.54E-08	4.07E-08	1.25E-08	5.32E-08	9.64E-09	3.21E-09	1.28E-08	7.51E-09	1.54E-09	9.06E-09
454	624539.54	4265580.92	4.77E-08	1.64E-08	6.41E-08	3.99E-08	1.23E-08	5.22E-08	9.45E-09	3.14E-09	1.26E-08	7.37E-09	1.51E-09	8.88E-09
455	624529.63	4265580.78	4.67E-08	1.61E-08	6.28E-08	3.90E-08	1.20E-08	5.11E-08	9.25E-09	3.08E-09	1.23E-08	7.21E-09	1.48E-09	8.69E-09
456	624519.72	4265580.65	4.56E-08	1.57E-08	6.13E-08	3.81E-08	1.17E-08	4.98E-08	9.02E-09	3.00E-09	1.20E-08	7.04E-09	1.45E-09	8.48E-09
457	624509.81	4265580.51	4.44E-08	1.53E-08	5.96E-08	3.71E-08	1.14E-08	4.85E-08	8.78E-09	2.92E-09	1.17E-08	6.85E-09	1.41E-09	8.25E-09
458	624499.9	4265580.37	4.31E-08	1.48E-08	5.79E-08	3.60E-08	1.11E-08	4.71E-08	8.53E-09	2.84E-09	1.14E-08	6.65E-09	1.37E-09	8.01E-09
459	624489.99	4265580.23	4.17E-08	1.44E-08	5.61E-08	3.49E-08	1.07E-08	4.56E-08	8.26E-09	2.75E-09	1.10E-08	6.44E-09	1.32E-09	7.77E-09
460	624480.08	4265580.1	4.04E-08	1.39E-08	5.43E-08	3.37E-08	1.04E-08	4.41E-08	7.99E-09	2.66E-09	1.07E-08	6.23E-09	1.28E-09	7.51E-09
461	624470.17	4265579.96	3.89E-08	1.34E-08	5.23E-08	3.26E-08	1.00E-08	4.26E-08	7.71E-09	2.57E-09	1.03E-08	6.01E-09	1.24E-09	7.25E-09
462	624460.27	4265579.82	3.74E-08	1.29E-08	5.03E-08	3.13E-08	9.63E-09	4.09E-08	7.41E-09	2.47E-09	9.87E-09	5.77E-09	1.19E-09	6.96E-09
463	624450.36	4265579.69	3.58E-08	1.23E-08	4.81E-08	2.99E-08	9.21E-09	3.91E-08	7.08E-09	2.36E-09	9.44E-09	5.52E-09	1.14E-09	6.66E-09
464	624440.45	4265579.55	3.40E-08	1.17E-08	4.58E-08	2.85E-08	8.77E-09	3.72E-08	6.74E-09	2.24E-09	8.98E-09	5.25E-09	1.08E-09	6.33E-09
465	624430.54	4265579.41	3.23E-08	1.11E-08	4.34E-08	2.70E-08	8.32E-09	3.53E-08	6.39E-09	2.13E-09	8.52E-09	4.98E-09	1.02E-09	6.01E-09
466	624420.63	4265579.27	3.06E-08	1.05E-08	4.11E-08	2.56E-08	7.88E-09	3.34E-08	6.05E-09	2.02E-09	8.07E-09	4.72E-09	9.71E-10	5.69E-09
467	624410.72	4265579.14	2.90E-08	9.96E-09	3.89E-08	2.42E-08	7.46E-09	3.17E-08	5.73E-09	1.91E-09	7.64E-09	4.47E-09	9.19E-10	5.39E-09
468	624400.81	4265579	2.74E-08	9.43E-09	3.69E-08	2.29E-08	7.06E-09	3.00E-08	5.43E-09	1.81E-09	7.24E-09	4.23E-09	8.71E-10	5.10E-09
469	624390.9	4265578.86	2.60E-08	8.95E-09	3.50E-08	2.17E-08	6.70E-09	2.84E-08	5.15E-09	1.71E-09	6.86E-09	4.01E-09	8.26E-10	4.84E-09
470	624381	4265578.72	2.47E-08	8.50E-09	3.32E-08	2.07E-08	6.36E-09	2.70E-08	4.89E-09	1.63E-09	6.52E-09	3.81E-09	7.84E-10	4.60E-09
471	624371.09	4265578.59	2.36E-08	8.10E-09	3.17E-08	1.97E-08	6.06E-09	2.58E-08	4.66E-09	1.55E-09	6.21E-09	3.63E-09	7.48E-10	4.38E-09
472	624361.18	4265578.45	2.25E-08	7.74E-09	3.03E-08	1.88E-08	5.80E-09	2.46E-08	4.46E-09	1.48E-09	5.94E-09	3.47E-09	7.15E-10	4.19E-09
473	624874.35	4265582.91	4.05E-08	1.39E-08	5.44E-08	3.38E-08	1.04E-08	4.42E-08	8.01E-09	2.67E-09	1.07E-08	6.24E-09	1.28E-09	7.53E-09
474	624883.15	4265586.7	3.96E-08	1.36E-08	5.33E-08	3.31E-08	1.02E-08	4.33E-08	7.85E-09	2.61E-09	1.05E-08	6.12E-09	1.26E-09	7.37E-09
475	624891.95	4265590.5	3.87E-08	1.33E-08	5.20E-08	3.23E-08	9.96E-09	4.23E-08	7.65E-09	2.55E-09	1.02E-08	5.97E-09	1.23E-09	7.19E-09
476	624900.75	4265594.29	3.76E-08	1.29E-08	5.05E-08	3.14E-08	9.68E-09	4.11E-08	7.44E-09	2.48E-09	9.92E-09	5.80E-09	1.19E-09	7.00E-09
477	624909.55	4265598.09	3.65E-08	1.25E-08	4.90E-08	3.05E-08	9.39E-09	3.99E-08	7.22E-09	2.40E-09	9.63E-09	5.63E-09	1.16E-09	6.79E-09
478	624918.35	4265601.88	3.53E-08	1.21E-08	4.75E-08	2.95E-08	9.10E-09	3.86E-08	6.99E-09	2.33E-09	9.32E-09	5.45E-09	1.12E-09	6.57E-09
479	624930.67	4265614.59	3.42E-08	1.18E-08	4.60E-08	2.86E-08	8.81E-09	3.74E-08	6.77E-09	2.25E-09	9.03E-09	5.28E-09	1.09E-09	6.36E-09

480	624934.2	4265623.5	3.42E-08	1.18E-08	4.60E-08	2.86E-08	8.80E-09	3.74E-08	6.77E-09	2.25E-09	9.02E-09	5.28E-09	1.09E-09	6.36E-09
481	624937.72	4265632.41	3.41E-08	1.17E-08	4.59E-08	2.85E-08	8.78E-09	3.73E-08	6.75E-09	2.25E-09	9.00E-09	5.26E-09	1.08E-09	6.35E-09
482	624941.25	4265641.32	3.40E-08	1.17E-08	4.57E-08	2.84E-08	8.75E-09	3.71E-08	6.72E-09	2.24E-09	8.96E-09	5.24E-09	1.08E-09	6.32E-09
483	624944.78	4265650.23	3.38E-08	1.16E-08	4.54E-08	2.82E-08	8.69E-09	3.69E-08	6.68E-09	2.22E-09	8.91E-09	5.21E-09	1.07E-09	6.28E-09
484	624948.3	4265659.14	3.35E-08	1.15E-08	4.50E-08	2.80E-08	8.62E-09	3.66E-08	6.63E-09	2.21E-09	8.84E-09	5.17E-09	1.06E-09	6.23E-09
485	624951.83	4265668.05	3.32E-08	1.14E-08	4.46E-08	2.77E-08	8.54E-09	3.63E-08	6.57E-09	2.19E-09	8.75E-09	5.12E-09	1.05E-09	6.17E-09
486	624846.85	4265575.18	4.28E-08	1.47E-08	5.75E-08	3.57E-08	1.10E-08	4.67E-08	8.46E-09	2.82E-09	1.13E-08	6.60E-09	1.36E-09	7.95E-09
487	624836.94	4265575.04	4.38E-08	1.50E-08	5.88E-08	3.66E-08	1.13E-08	4.78E-08	8.66E-09	2.88E-09	1.15E-08	6.75E-09	1.39E-09	8.14E-09
488	624827.03	4265574.91	4.47E-08	1.54E-08	6.00E-08	3.73E-08	1.15E-08	4.88E-08	8.84E-09	2.94E-09	1.18E-08	6.89E-09	1.42E-09	8.31E-09
489	624817.12	4265574.77	4.54E-08	1.56E-08	6.11E-08	3.80E-08	1.17E-08	4.97E-08	8.99E-09	2.99E-09	1.20E-08	7.01E-09	1.44E-09	8.45E-09
490	624807.21	4265574.63	4.61E-08	1.59E-08	6.20E-08	3.86E-08	1.19E-08	5.04E-08	9.13E-09	3.04E-09	1.22E-08	7.12E-09	1.46E-09	8.58E-09
491	624797.3	4265574.5	4.68E-08	1.61E-08	6.28E-08	3.91E-08	1.20E-08	5.11E-08	9.25E-09	3.08E-09	1.23E-08	7.21E-09	1.48E-09	8.70E-09
492	624787.39	4265574.36	4.73E-08	1.63E-08	6.35E-08	3.95E-08	1.22E-08	5.17E-08	9.36E-09	3.12E-09	1.25E-08	7.30E-09	1.50E-09	8.80E-09
493	624777.49	4265574.22	4.77E-08	1.64E-08	6.41E-08	3.99E-08	1.23E-08	5.22E-08	9.44E-09	3.14E-09	1.26E-08	7.36E-09	1.51E-09	8.88E-09
494	624767.58	4265574.08	4.81E-08	1.65E-08	6.46E-08	4.02E-08	1.24E-08	5.25E-08	9.51E-09	3.17E-09	1.27E-08	7.42E-09	1.53E-09	8.94E-09
495	624757.67	4265573.95	4.84E-08	1.66E-08	6.50E-08	4.04E-08	1.25E-08	5.29E-08	9.58E-09	3.19E-09	1.28E-08	7.46E-09	1.54E-09	9.00E-09
496	624747.76	4265573.81	4.87E-08	1.67E-08	6.54E-08	4.07E-08	1.25E-08	5.32E-08	9.64E-09	3.21E-09	1.28E-08	7.51E-09	1.55E-09	9.06E-09
497	624737.85	4265573.67	4.90E-08	1.69E-08	6.59E-08	4.10E-08	1.26E-08	5.36E-08	9.70E-09	3.23E-09	1.29E-08	7.56E-09	1.56E-09	9.12E-09
498	624727.94	4265573.53	4.93E-08	1.70E-08	6.63E-08	4.12E-08	1.27E-08	5.40E-08	9.77E-09	3.25E-09	1.30E-08	7.61E-09	1.57E-09	9.18E-09
499	624718.03	4265573.4	4.96E-08	1.71E-08	6.67E-08	4.15E-08	1.28E-08	5.43E-08	9.82E-09	3.27E-09	1.31E-08	7.66E-09	1.58E-09	9.23E-09
500	624708.12	4265573.26	4.98E-08	1.71E-08	6.70E-08	4.17E-08	1.28E-08	5.45E-08	9.87E-09	3.28E-09	1.32E-08	7.69E-09	1.58E-09	9.27E-09
501	624698.22	4265573.12	5.00E-08	1.72E-08	6.72E-08	4.18E-08	1.29E-08	5.47E-08	9.90E-09	3.30E-09	1.32E-08	7.72E-09	1.59E-09	9.31E-09
502	624688.31	4265572.98	5.02E-08	1.73E-08	6.74E-08	4.19E-08	1.29E-08	5.49E-08	9.93E-09	3.31E-09	1.32E-08	7.74E-09	1.59E-09	9.33E-09
503	624678.4	4265572.85	5.03E-08	1.73E-08	6.76E-08	4.20E-08	1.30E-08	5.50E-08	9.96E-09	3.31E-09	1.33E-08	7.76E-09	1.60E-09	9.36E-09
504	624668.49	4265572.71	5.04E-08	1.73E-08	6.78E-08	4.21E-08	1.30E-08	5.51E-08	9.98E-09	3.32E-09	1.33E-08	7.78E-09	1.60E-09	9.38E-09
505	624658.58	4265572.57	5.05E-08	1.74E-08	6.78E-08	4.22E-08	1.30E-08	5.52E-08	9.99E-09	3.33E-09	1.33E-08	7.79E-09	1.60E-09	9.39E-09
506	624648.67	4265572.43	5.04E-08	1.73E-08	6.78E-08	4.21E-08	1.30E-08	5.51E-08	9.98E-09	3.32E-09	1.33E-08	7.78E-09	1.60E-09	9.38E-09
507	624638.76	4265572.3	5.03E-08	1.73E-08	6.76E-08	4.20E-08	1.29E-08	5.50E-08	9.95E-09	3.31E-09	1.33E-08	7.76E-09	1.60E-09	9.35E-09
508	624628.85	4265572.16	5.00E-08	1.72E-08	6.72E-08	4.18E-08	1.29E-08	5.47E-08	9.90E-09	3.30E-09	1.32E-08	7.72E-09	1.59E-09	9.31E-09
509	624618.95	4265572.02	4.97E-08	1.71E-08	6.68E-08	4.15E-08	1.28E-08	5.43E-08	9.84E-09	3.27E-09	1.31E-08	7.67E-09	1.58E-09	9.24E-09
510	624609.04	4265571.88	4.93E-08	1.70E-08	6.63E-08	4.12E-08	1.27E-08	5.39E-08	9.76E-09	3.25E-09	1.30E-08	7.61E-09	1.57E-09	9.17E-09
511	624599.13	4265571.75	4.89E-08	1.68E-08	6.57E-08	4.09E-08	1.26E-08	5.35E-08	9.68E-09	3.22E-09	1.29E-08	7.54E-09	1.55E-09	9.10E-09
512	624589.22	4265571.61	4.84E-08	1.66E-08	6.50E-08	4.04E-08	1.25E-08	5.29E-08	9.58E-09	3.19E-09	1.28E-08	7.47E-09	1.54E-09	9.00E-09
513	624579.31	4265571.47	4.78E-08	1.64E-08	6.42E-08	3.99E-08	1.23E-08	5.22E-08	9.46E-09	3.15E-09	1.26E-08	7.37E-09	1.52E-09	8.89E-09
514	624569.4	4265571.34	4.71E-08	1.62E-08	6.32E-08	3.93E-08	1.21E-08	5.14E-08	9.31E-09	3.10E-09	1.24E-08	7.26E-09	1.49E-09	8.75E-09
515	624559.49	4265571.2	4.63E-08	1.59E-08	6.22E-08	3.87E-08	1.19E-08	5.06E-08	9.16E-09	3.05E-09	1.22E-08	7.14E-09	1.47E-09	8.60E-09
516	624549.58	4265571.06	4.54E-08	1.56E-08	6.10E-08	3.80E-08	1.17E-08	4.96E-08	8.99E-09	2.99E-09	1.20E-08	7.01E-09	1.44E-09	8.45E-09
517	624539.67	4265570.92	4.45E-08	1.53E-08	5.98E-08	3.72E-08	1.15E-08	4.87E-08	8.81E-09	2.93E-09	1.17E-08	6.87E-09	1.41E-09	8.28E-09
518	624529.77	4265570.79	4.35E-08	1.50E-08	5.85E-08	3.64E-08	1.12E-08	4.76E-08	8.62E-09	2.87E-09	1.15E-08	6.72E-09	1.38E-09	8.10E-09
519	624519.86	4265570.65	4.25E-08	1.46E-08	5.71E-08	3.55E-08	1.09E-08	4.64E-08	8.41E-09	2.80E-09	1.12E-08	6.55E-09	1.35E-09	7.90E-09
520	624509.95	4265570.51	4.13E-08	1.42E-08	5.55E-08	3.45E-08	1.06E-08	4.52E-08	8.18E-09	2.72E-09	1.09E-08	6.38E-09	1.31E-09	7.69E-09
521	624500.04	4265570.37	4.01E-08	1.38E-08	5.39E-08	3.35E-08	1.03E-08	4.38E-08	7.94E-09	2.64E-09	1.06E-08	6.19E-09	1.27E-09	7.46E-09
522	624490.13	4265570.24	3.89E-08	1.34E-08	5.22E-08	3.25E-08	1.00E-08	4.25E-08	7.69E-09	2.56E-09	1.03E-08	6.00E-09	1.23E-09	7.23E-09
523	624480.22	4265570.1	3.76E-08	1.29E-08	5.05E-08	3.14E-08	9.68E-09	4.11E-08	7.44E-09	2.48E-09	9.92E-09	5.80E-09	1.19E-09	6.99E-09
524	624470.31	4265569.96	3.63E-08	1.25E-08	4.87E-08	3.03E-08	9.33E-09	3.96E-08	7.18E-09	2.39E-09	9.56E-09	5.59E-09	1.15E-09	6.74E-09
525	624460.4	4265569.82	3.48E-08	1.20E-08	4.68E-08	2.91E-08	8.97E-09	3.81E-08	6.89E-09	2.29E-09	9.19E-09	5.37E-09	1.11E-09	6.48E-09
526	624450.5	4265569.69	3.33E-08	1.15E-08	4.48E-08	2.79E-08	8.58E-09	3.64E-08	6.60E-09	2.20E-09	8.79E-09	5.14E-09	1.06E-09	6.20E-09
527	624440.59	4265569.55	3.18E-08	1.09E-08	4.27E-08	2.65E-08	8.18E-09	3.47E-08	6.29E-09	2.09E-09	8.38E-09	4.90E-09	1.01E-09	5.91E-09
528	624430.68	4265569.41	3.02E-08	1.04E-08	4.06E-08	2.52E-08	7.78E-09	3.30E-08	5.98E-09	1.99E-09	7.97E-09	4.66E-09	9.59E-10	5.62E-09
529	624420.77	4265569.27	2.87E-08	9.87E-09	3.86E-08	2.40E-08	7.39E-09	3.14E-08	5.68E-09	1.89E-09	7.58E-09	4.43E-09	9.11E-10	5.34E-09
530	624410.86	4265569.14	2.73E-08	9.39E-09	3.67E-08	2.28E-08	7.03E-09	2.99E-08	5.40E-09	1.80E-09	7.20E-09	4.21E-09	8.67E-10	5.08E-09
531	624400.95	4265569	2.60E-08	8.93E-09	3.49E-08	2.17E-08	6.69E-09	2.84E-08	5.14E-09	1.71E-09	6.85E-09	4.01E-09	8.24E-10	4.83E-09
532	624391.04	4265568.86	2.47E-08	8.50E-09	3.32E-08	2.07E-08	6.37E-09	2.70E-08	4.89E-09	1.63E-09	6.52E-09	3.82E-09	7.85E-10	4.60E-09
533	624381.13	4265568.72	2.36E-08	8.11E-09	3.17E-08	1.97E-08	6.07E-09	2.58E-08	4.67E-09	1.55E-09	6.22E-09	3.64E-09	7.48E-10	4.39E-09
534	624371.23	4265568.59	2.25E-08	7.75E-09	3.03E-08	1.88E-08	5.80E-09	2.46E-08	4.46E-09	1.48E-09	5.94E-09	3.48E-09	7.15E-10	4.19E-09
535	624361.32	4265568.45	2.16E-08	7.42E-09	2.90E-08	1.80E-08	5.56E-09	2.36E-08	4.27E-09	1.42E-09	5.69E-09	3.33E-09	6.85E-10	4.02E-09
536	624874.7	4265557.91	3.67E-08	1.26E-08	4.94E-08	3.07E-08	9.46E-09	4.02E-08	7.27E-09	2.42E-09	9.69E-09	5.67E-09	1.17E-09	6.84E-09
537	624883.5	4265561.71	3.62E-08	1.25E-08	4.87E-08	3.03E-08	9.33E-09	3.96E-08	7.17E-09	2.39E-09	9.56E-09	5.59E-09	1.15E-09	6.74E-09
538	624892.3	4265565.5	3.56E-08	1.22E-08	4.78E-08	2.98E-08	9.17E-09	3.89E-08	7.05E-09	2.35E-09	9.39E-09	5.49E-09	1.13E-09	6.62E-09
539	624901.1	4265569.3	3.49E-08	1.20E-08	4.68E-08	2.91E-08	8.97E-09	3.81E-08	6.90E-09	2.30E-09	9.20E-09	5.38E-09	1.11E-09	6.48E-09
540	624909.89	4265573.09	3.40E-08	1.17E-08	4.57E-08	2.84E-08	8.76E-09	3.72E-08	6.73E-09	2.24E-09	8.98E-09	5.25E-09	1.08E-09	6.33E-09
541	624918.69	4265576.89	3.31E-08	1.14E-08	4.45E-08	2.77E-08	8.53E-09	3.62E-08	6.56E-09	2.18E-09	8.74E-09	5.11E-09	1.05E-09	6.16E-09
542	624927.49	4265580.68	3.22E-08	1.11E-08	4.33E-08	2.69E-08	8.29E-09	3.52E-08	6.37E-09	2.12E-09	8.50E-09	4.97E-09	1.02E-09	5.99E-09
543	624936.29	4265584.48	3.12E-08	1.07E-08	4.20E-08	2.61E-08	8.04E-09	3.42E-08	6.18E-09	2.06E-09	8.24E-09	4.82E-09	9.92E-10	5.81E-09
544	624948.61	4265597.18	3.03E-08	1.04E-08	4.07E-08	2.53E-08	7.80E-09	3.31E-08	6.00E-09	2.00E-09	8.00E-09	4.68E-09	9.62E-10	5.64E-09
545	624952.14	4265606.09	3.03E-08	1.04E-08	4.07E-08	2.53E-08	7.80E-09	3.31E-08	6.00E-09	2.00E-09	7.99E-09	4.67E-09	9.61E-10	5.64E-09
546	624955.67	4265615	3.02E-08	1.04E-08	4.06E-08	2.53E-08	7.78E-09	3.31E-08	5.98E-09	1.99E-09	7.98E-09	4.67E-09	9.60E-10	5.63E-09
547	624959.19	4265623.91	3.01E-08	1.04E-08	4.05E-08	2.52E-08	7.76E-09	3.29E-08	5.96E-09	1.99E-09	7.95E-09	4.65E-09	9.56E-10	5.61E-09
548	624962.72	4265632.82	3.00E-08	1.03E-08	4.03E-08	2.51E-08	7.72E-09	3.28E-08	5.93E-09	1.97E-09	7.91E-09	4.62E-09	9.51E-10	5.58E-09

549	624966.25	4265641.73	2.98E-08	1.02E-08	4.00E-08	2.49E-08	7.66E-09	3.25E-08	5.89E-09	1.96E-09	7.85E-09	4.59E-09	9.45E-10	5.54E-09
550	624969.77	4265650.64	2.95E-08	1.02E-08	3.97E-08	2.47E-08	7.60E-09	3.23E-08	5.84E-09	1.94E-09	7.79E-09	4.55E-09	9.37E-10	5.49E-09
551	624973.3	4265659.55	2.92E-08	1.00E-08	3.93E-08	2.44E-08	7.52E-09	3.19E-08	5.78E-09	1.93E-09	7.71E-09	4.51E-09	9.27E-10	5.44E-09
552	624976.83	4265668.46	2.89E-08	9.93E-09	3.88E-08	2.41E-08	7.44E-09	3.16E-08	5.72E-09	1.90E-09	7.62E-09	4.46E-09	9.17E-10	5.37E-09
553	624847.19	4265550.18	3.82E-08	1.31E-08	5.13E-08	3.19E-08	9.83E-09	4.18E-08	7.56E-09	2.52E-09	1.01E-08	5.89E-09	1.21E-09	7.10E-09
554	624837.29	4265550.05	3.89E-08	1.34E-08	5.23E-08	3.25E-08	1.00E-08	4.26E-08	7.71E-09	2.56E-09	1.03E-08	6.01E-09	1.24E-09	7.24E-09
555	624827.38	4265549.91	3.96E-08	1.36E-08	5.32E-08	3.31E-08	1.02E-08	4.33E-08	7.84E-09	2.61E-09	1.04E-08	6.11E-09	1.26E-09	7.37E-09
556	624817.47	4265549.77	4.02E-08	1.38E-08	5.40E-08	3.36E-08	1.04E-08	4.40E-08	7.96E-09	2.65E-09	1.06E-08	6.20E-09	1.28E-09	7.48E-09
557	624807.56	4265549.64	4.07E-08	1.40E-08	5.48E-08	3.41E-08	1.05E-08	4.46E-08	8.07E-09	2.68E-09	1.08E-08	6.29E-09	1.29E-09	7.58E-09
558	624797.65	4265549.5	4.12E-08	1.42E-08	5.54E-08	3.45E-08	1.06E-08	4.51E-08	8.16E-09	2.72E-09	1.09E-08	6.36E-09	1.31E-09	7.67E-09
559	624787.74	4265549.36	4.16E-08	1.43E-08	5.59E-08	3.48E-08	1.07E-08	4.55E-08	8.24E-09	2.74E-09	1.10E-08	6.42E-09	1.32E-09	7.75E-09
560	624777.83	4265549.22	4.20E-08	1.44E-08	5.64E-08	3.51E-08	1.08E-08	4.59E-08	8.31E-09	2.77E-09	1.11E-08	6.48E-09	1.33E-09	7.81E-09
561	624767.92	4265549.09	4.22E-08	1.45E-08	5.68E-08	3.53E-08	1.09E-08	4.62E-08	8.36E-09	2.78E-09	1.11E-08	6.52E-09	1.34E-09	7.86E-09
562	624758.02	4265548.95	4.25E-08	1.46E-08	5.71E-08	3.55E-08	1.09E-08	4.64E-08	8.41E-09	2.80E-09	1.12E-08	6.56E-09	1.35E-09	7.90E-09
563	624748.11	4265548.81	4.27E-08	1.47E-08	5.74E-08	3.57E-08	1.10E-08	4.67E-08	8.46E-09	2.81E-09	1.13E-08	6.59E-09	1.36E-09	7.95E-09
564	624738.2	4265548.67	4.30E-08	1.48E-08	5.77E-08	3.59E-08	1.11E-08	4.70E-08	8.50E-09	2.83E-09	1.13E-08	6.63E-09	1.36E-09	7.99E-09
565	624728.29	4265548.54	4.32E-08	1.49E-08	5.80E-08	3.61E-08	1.11E-08	4.72E-08	8.55E-09	2.85E-09	1.14E-08	6.66E-09	1.37E-09	8.03E-09
566	624718.38	4265548.4	4.34E-08	1.49E-08	5.83E-08	3.62E-08	1.12E-08	4.74E-08	8.58E-09	2.86E-09	1.14E-08	6.69E-09	1.38E-09	8.07E-09
567	624708.47	4265548.26	4.35E-08	1.50E-08	5.84E-08	3.63E-08	1.12E-08	4.75E-08	8.61E-09	2.87E-09	1.15E-08	6.71E-09	1.38E-09	8.09E-09
568	624698.56	4265548.12	4.36E-08	1.50E-08	5.86E-08	3.64E-08	1.12E-08	4.76E-08	8.62E-09	2.87E-09	1.15E-08	6.72E-09	1.38E-09	8.11E-09
569	624688.65	4265547.99	4.36E-08	1.50E-08	5.86E-08	3.65E-08	1.12E-08	4.77E-08	8.64E-09	2.87E-09	1.15E-08	6.73E-09	1.38E-09	8.12E-09
570	624678.74	4265547.85	4.37E-08	1.50E-08	5.87E-08	3.65E-08	1.12E-08	4.78E-08	8.65E-09	2.88E-09	1.15E-08	6.74E-09	1.39E-09	8.13E-09
571	624668.84	4265547.71	4.37E-08	1.50E-08	5.87E-08	3.65E-08	1.12E-08	4.78E-08	8.65E-09	2.88E-09	1.15E-08	6.74E-09	1.39E-09	8.13E-09
572	624658.93	4265547.57	4.37E-08	1.50E-08	5.87E-08	3.65E-08	1.12E-08	4.77E-08	8.64E-09	2.88E-09	1.15E-08	6.74E-09	1.39E-09	8.12E-09
573	624649.02	4265547.44	4.35E-08	1.50E-08	5.85E-08	3.64E-08	1.12E-08	4.76E-08	8.62E-09	2.87E-09	1.15E-08	6.72E-09	1.38E-09	8.10E-09
574	624639.11	4265547.3	4.33E-08	1.49E-08	5.82E-08	3.62E-08	1.12E-08	4.74E-08	8.58E-09	2.85E-09	1.14E-08	6.69E-09	1.38E-09	8.06E-09
575	624629.2	4265547.16	4.30E-08	1.48E-08	5.78E-08	3.60E-08	1.11E-08	4.71E-08	8.52E-09	2.84E-09	1.14E-08	6.64E-09	1.37E-09	8.01E-09
576	624619.29	4265547.02	4.27E-08	1.47E-08	5.74E-08	3.57E-08	1.10E-08	4.67E-08	8.45E-09	2.81E-09	1.13E-08	6.59E-09	1.36E-09	7.94E-09
577	624609.38	4265546.89	4.23E-08	1.46E-08	5.69E-08	3.54E-08	1.09E-08	4.63E-08	8.38E-09	2.79E-09	1.12E-08	6.53E-09	1.34E-09	7.87E-09
578	624599.47	4265546.75	4.19E-08	1.44E-08	5.63E-08	3.50E-08	1.08E-08	4.58E-08	8.29E-09	2.76E-09	1.10E-08	6.46E-09	1.33E-09	7.79E-09
579	624589.57	4265546.61	4.14E-08	1.42E-08	5.56E-08	3.46E-08	1.07E-08	4.52E-08	8.19E-09	2.73E-09	1.09E-08	6.38E-09	1.31E-09	7.70E-09
580	624579.66	4265546.47	4.08E-08	1.40E-08	5.48E-08	3.41E-08	1.05E-08	4.46E-08	8.07E-09	2.69E-09	1.08E-08	6.29E-09	1.29E-09	7.59E-09
581	624569.75	4265546.34	4.01E-08	1.38E-08	5.39E-08	3.35E-08	1.03E-08	4.39E-08	7.94E-09	2.64E-09	1.06E-08	6.19E-09	1.27E-09	7.46E-09
582	624559.84	4265546.2	3.94E-08	1.35E-08	5.30E-08	3.29E-08	1.01E-08	4.31E-08	7.80E-09	2.60E-09	1.04E-08	6.08E-09	1.25E-09	7.33E-09
583	624549.93	4265546.06	3.86E-08	1.33E-08	5.19E-08	3.23E-08	9.95E-09	4.22E-08	7.65E-09	2.55E-09	1.02E-08	5.96E-09	1.23E-09	7.19E-09
584	624540.02	4265545.93	3.78E-08	1.30E-08	5.09E-08	3.16E-08	9.74E-09	4.14E-08	7.49E-09	2.49E-09	9.98E-09	5.84E-09	1.20E-09	7.04E-09
585	624530.11	4265545.79	3.70E-08	1.27E-08	4.97E-08	3.09E-08	9.52E-09	4.04E-08	7.32E-09	2.44E-09	9.76E-09	5.71E-09	1.17E-09	6.88E-09
586	624520.2	4265545.65	3.61E-08	1.24E-08	4.85E-08	3.01E-08	9.29E-09	3.94E-08	7.14E-09	2.38E-09	9.51E-09	5.57E-09	1.14E-09	6.71E-09
587	624510.3	4265545.51	3.51E-08	1.21E-08	4.71E-08	2.93E-08	9.03E-09	3.83E-08	6.94E-09	2.31E-09	9.25E-09	5.41E-09	1.11E-09	6.52E-09
588	624500.39	4265545.38	3.40E-08	1.17E-08	4.57E-08	2.84E-08	8.76E-09	3.72E-08	6.74E-09	2.24E-09	8.98E-09	5.25E-09	1.08E-09	6.33E-09
589	624490.48	4265545.24	3.30E-08	1.13E-08	4.43E-08	2.76E-08	8.49E-09	3.61E-08	6.53E-09	2.17E-09	8.70E-09	5.09E-09	1.05E-09	6.14E-09
590	624480.57	4265545.1	3.19E-08	1.10E-08	4.29E-08	2.67E-08	8.21E-09	3.49E-08	6.31E-09	2.10E-09	8.41E-09	4.92E-09	1.01E-09	5.93E-09
591	624470.66	4265544.96	3.08E-08	1.06E-08	4.14E-08	2.57E-08	7.92E-09	3.37E-08	6.09E-09	2.03E-09	8.12E-09	4.75E-09	9.77E-10	5.73E-09
592	624460.75	4265544.83	2.96E-08	1.02E-08	3.98E-08	2.48E-08	7.63E-09	3.24E-08	5.86E-09	1.95E-09	7.82E-09	4.57E-09	9.40E-10	5.51E-09
593	624450.84	4265544.69	2.84E-08	9.78E-09	3.82E-08	2.38E-08	7.32E-09	3.11E-08	5.63E-09	1.87E-09	7.50E-09	4.39E-09	9.02E-10	5.29E-09
594	624440.93	4265544.55	2.72E-08	9.36E-09	3.66E-08	2.28E-08	7.01E-09	2.98E-08	5.39E-09	1.79E-09	7.18E-09	4.20E-09	8.64E-10	5.07E-09
595	624431.02	4265544.41	2.61E-08	8.96E-09	3.50E-08	2.18E-08	6.71E-09	2.85E-08	5.16E-09	1.72E-09	6.88E-09	4.02E-09	8.27E-10	4.85E-09
596	624421.12	4265544.28	2.50E-08	8.59E-09	3.36E-08	2.09E-08	6.43E-09	2.73E-08	4.94E-09	1.65E-09	6.59E-09	3.85E-09	7.92E-10	4.65E-09
597	624411.21	4265544.14	2.39E-08	8.23E-09	3.22E-08	2.00E-08	6.16E-09	2.62E-08	4.74E-09	1.58E-09	6.32E-09	3.69E-09	7.60E-10	4.45E-09
598	624401.3	4265544	2.30E-08	7.90E-09	3.09E-08	1.92E-08	5.91E-09	2.51E-08	4.54E-09	1.51E-09	6.06E-09	3.54E-09	7.29E-10	4.27E-09
599	624391.39	4265543.86	2.20E-08	7.57E-09	2.96E-08	1.84E-08	5.67E-09	2.41E-08	4.36E-09	1.45E-09	5.81E-09	3.40E-09	6.99E-10	4.10E-09
600	624381.48	4265543.73	2.11E-08	7.27E-09	2.84E-08	1.77E-08	5.44E-09	2.31E-08	4.18E-09	1.39E-09	5.58E-09	3.26E-09	6.71E-10	3.93E-09
601	624371.57	4265543.59	2.03E-08	6.98E-09	2.73E-08	1.70E-08	5.23E-09	2.22E-08	4.02E-09	1.34E-09	5.36E-09	3.13E-09	6.44E-10	3.78E-09
602	624361.66	4265543.45	1.95E-08	6.72E-09	2.63E-08	1.63E-08	5.03E-09	2.14E-08	3.87E-09	1.29E-09	5.16E-09	3.02E-09	6.20E-10	3.64E-09
603	624866.25	4265529.12	3.37E-08	1.16E-08	4.53E-08	2.82E-08	8.67E-09	3.68E-08	6.67E-09	2.22E-09	8.89E-09	5.20E-09	1.07E-09	6.27E-09
604	624875.05	4265532.91	3.35E-08	1.15E-08	4.50E-08	2.80E-08	8.62E-09	3.66E-08	6.62E-09	2.20E-09	8.83E-09	5.16E-09	1.06E-09	6.23E-09
605	624883.85	4265536.71	3.32E-08	1.14E-08	4.46E-08	2.77E-08	8.54E-09	3.63E-08	6.56E-09	2.18E-09	8.75E-09	5.12E-09	1.05E-09	6.17E-09
606	624892.64	4265540.5	3.28E-08	1.13E-08	4.40E-08	2.74E-08	8.43E-09	3.58E-08	6.48E-09	2.16E-09	8.64E-09	5.05E-09	1.04E-09	6.09E-09
607	624901.44	4265544.3	3.22E-08	1.11E-08	4.33E-08	2.70E-08	8.30E-09	3.53E-08	6.38E-09	2.12E-09	8.51E-09	4.98E-09	1.02E-09	6.00E-09
608	624910.24	4265548.09	3.17E-08	1.09E-08	4.25E-08	2.65E-08	8.15E-09	3.46E-08	6.27E-09	2.09E-09	8.35E-09	4.88E-09	1.00E-09	5.89E-09
609	624919.04	4265551.89	3.10E-08	1.07E-08	4.16E-08	2.59E-08	7.98E-09	3.39E-08	6.13E-09	2.04E-09	8.18E-09	4.78E-09	9.83E-10	5.77E-09
610	624927.84	4265555.68	3.03E-08	1.04E-08	4.07E-08	2.53E-08	7.79E-09	3.31E-08	5.99E-09	1.99E-09	7.99E-09	4.67E-09	9.61E-10	5.63E-09
611	624936.64	4265559.48	2.95E-08	1.01E-08	3.97E-08	2.47E-08	7.60E-09	3.23E-08	5.84E-09	1.94E-09	7.79E-09	4.55E-09	9.36E-10	5.49E-09
612	624945.44	4265563.27	2.87E-08	9.88E-09	3.86E-08	2.40E-08	7.39E-09	3.14E-08	5.68E-09	1.89E-09	7.58E-09	4.43E-09	9.11E-10	5.34E-09
613	624954.23	4265567.07	2.79E-08	9.60E-09	3.75E-08	2.33E-08	7.19E-09	3.05E-08	5.53E-09	1.84E-09	7.36E-09	4.31E-09	8.86E-10	5.19E-09
614	624966.56	4265579.77	2.71E-08	9.33E-09	3.64E-08	2.27E-08	6.98E-09	2.96E-08	5.37E-09	1.79E-09	7.15E-09	4.18E-09	8.61E-10	5.05E-09
615	624970.09	4265588.68	2.71E-08	9.32E-09	3.64E-08	2.27E-08	6.98E-09	2.96E-08	5.36E-09	1.79E-09	7.15E-09	4.18E-09	8.60E-10	5.04E-09
616	624973.61	4265597.59	2.70E-08	9.30E-09	3.63E-08	2.26E-08	6.96E-09	2.96E-08	5.35E-09	1.78E-09	7.14E-09	4.17E-09	8.58E-10	5.03E-09
617	624977.14	4265606.5	2.70E-08	9.27E-09	3.62E-08	2.25E-08	6.94E-09	2.95E-08	5.34E-09	1.78E-09	7.11E-09	4.16E-09	8.56E-10	5.02E-09

618	624980.66	4265615.41	2.68E-08	9.23E-09	3.61E-08	2.24E-08	6.91E-09	2.93E-08	5.31E-09	1.77E-09	7.08E-09	4.14E-09	8.52E-10	4.99E-09
619	624984.19	4265624.32	2.67E-08	9.17E-09	3.58E-08	2.23E-08	6.87E-09	2.92E-08	5.28E-09	1.76E-09	7.04E-09	4.12E-09	8.47E-10	4.96E-09
620	624987.72	4265633.23	2.65E-08	9.11E-09	3.56E-08	2.21E-08	6.82E-09	2.89E-08	5.24E-09	1.74E-09	6.99E-09	4.09E-09	8.40E-10	4.93E-09
621	624991.24	4265642.14	2.62E-08	9.03E-09	3.53E-08	2.19E-08	6.76E-09	2.87E-08	5.20E-09	1.73E-09	6.92E-09	4.05E-09	8.33E-10	4.88E-09
622	624994.77	4265651.05	2.60E-08	8.93E-09	3.49E-08	2.17E-08	6.69E-09	2.84E-08	5.14E-09	1.71E-09	6.85E-09	4.01E-09	8.25E-10	4.83E-09
623	624998.3	4265659.96	2.57E-08	8.83E-09	3.45E-08	2.15E-08	6.61E-09	2.81E-08	5.08E-09	1.69E-09	6.78E-09	3.96E-09	8.15E-10	4.78E-09
624	625001.82	4265668.87	2.54E-08	8.72E-09	3.41E-08	2.12E-08	6.53E-09	2.77E-08	5.02E-09	1.67E-09	6.69E-09	3.91E-09	8.05E-10	4.72E-09
625	624857.45	4265525.32	3.38E-08	1.16E-08	4.54E-08	2.83E-08	8.70E-09	3.70E-08	6.69E-09	2.23E-09	8.92E-09	5.22E-09	1.07E-09	6.29E-09
626	624847.54	4265525.19	3.44E-08	1.18E-08	4.63E-08	2.88E-08	8.86E-09	3.76E-08	6.81E-09	2.27E-09	9.08E-09	5.31E-09	1.09E-09	6.40E-09
627	624837.63	4265525.05	3.50E-08	1.20E-08	4.70E-08	2.92E-08	9.01E-09	3.83E-08	6.93E-09	2.31E-09	9.23E-09	5.40E-09	1.11E-09	6.51E-09
628	624827.72	4265524.91	3.55E-08	1.22E-08	4.77E-08	2.97E-08	9.14E-09	3.88E-08	7.03E-09	2.34E-09	9.37E-09	5.48E-09	1.13E-09	6.61E-09
629	624817.81	4265524.77	3.60E-08	1.24E-08	4.84E-08	3.01E-08	9.26E-09	3.93E-08	7.12E-09	2.37E-09	9.49E-09	5.55E-09	1.14E-09	6.69E-09
630	624807.91	4265524.64	3.64E-08	1.25E-08	4.89E-08	3.04E-08	9.38E-09	3.98E-08	7.21E-09	2.40E-09	9.61E-09	5.62E-09	1.16E-09	6.77E-09
631	624798	4265524.5	3.68E-08	1.27E-08	4.94E-08	3.08E-08	9.47E-09	4.02E-08	7.28E-09	2.42E-09	9.71E-09	5.68E-09	1.17E-09	6.85E-09
632	624788.09	4265524.36	3.71E-08	1.28E-08	4.99E-08	3.10E-08	9.56E-09	4.06E-08	7.35E-09	2.45E-09	9.79E-09	5.73E-09	1.18E-09	6.90E-09
633	624778.18	4265524.23	3.74E-08	1.29E-08	5.02E-08	3.12E-08	9.62E-09	4.09E-08	7.40E-09	2.46E-09	9.86E-09	5.77E-09	1.19E-09	6.95E-09
634	624768.27	4265524.09	3.76E-08	1.29E-08	5.05E-08	3.14E-08	9.68E-09	4.11E-08	7.44E-09	2.48E-09	9.92E-09	5.80E-09	1.19E-09	6.99E-09
635	624758.36	4265523.95	3.78E-08	1.30E-08	5.08E-08	3.16E-08	9.73E-09	4.13E-08	7.48E-09	2.49E-09	9.97E-09	5.83E-09	1.20E-09	7.03E-09
636	624748.45	4265523.81	3.79E-08	1.30E-08	5.10E-08	3.17E-08	9.77E-09	4.15E-08	7.51E-09	2.50E-09	1.00E-08	5.85E-09	1.20E-09	7.06E-09
637	624738.54	4265523.68	3.81E-08	1.31E-08	5.12E-08	3.18E-08	9.81E-09	4.16E-08	7.54E-09	2.51E-09	1.00E-08	5.88E-09	1.21E-09	7.09E-09
638	624728.64	4265523.54	3.82E-08	1.31E-08	5.14E-08	3.19E-08	9.84E-09	4.18E-08	7.56E-09	2.52E-09	1.01E-08	5.90E-09	1.21E-09	7.11E-09
639	624718.73	4265523.4	3.83E-08	1.32E-08	5.15E-08	3.20E-08	9.86E-09	4.19E-08	7.58E-09	2.52E-09	1.01E-08	5.91E-09	1.22E-09	7.13E-09
640	624708.82	4265523.26	3.84E-08	1.32E-08	5.16E-08	3.21E-08	9.88E-09	4.19E-08	7.59E-09	2.53E-09	1.01E-08	5.92E-09	1.22E-09	7.14E-09
641	624698.91	4265523.13	3.84E-08	1.32E-08	5.16E-08	3.21E-08	9.88E-09	4.20E-08	7.60E-09	2.53E-09	1.01E-08	5.92E-09	1.22E-09	7.14E-09
642	624689	4265522.99	3.84E-08	1.32E-08	5.16E-08	3.21E-08	9.88E-09	4.20E-08	7.60E-09	2.53E-09	1.01E-08	5.92E-09	1.22E-09	7.14E-09
643	624679.09	4265522.85	3.83E-08	1.32E-08	5.15E-08	3.21E-08	9.87E-09	4.19E-08	7.59E-09	2.53E-09	1.01E-08	5.92E-09	1.22E-09	7.13E-09
644	624669.18	4265522.71	3.83E-08	1.32E-08	5.15E-08	3.20E-08	9.86E-09	4.19E-08	7.58E-09	2.52E-09	1.01E-08	5.91E-09	1.22E-09	7.12E-09
645	624659.27	4265522.58	3.82E-08	1.31E-08	5.13E-08	3.19E-08	9.83E-09	4.18E-08	7.56E-09	2.52E-09	1.01E-08	5.89E-09	1.21E-09	7.11E-09
646	624649.36	4265522.44	3.80E-08	1.31E-08	5.11E-08	3.18E-08	9.79E-09	4.16E-08	7.53E-09	2.51E-09	1.00E-08	5.87E-09	1.21E-09	7.08E-09
647	624639.46	4265522.3	3.78E-08	1.30E-08	5.08E-08	3.16E-08	9.73E-09	4.13E-08	7.48E-09	2.49E-09	9.97E-09	5.83E-09	1.20E-09	7.03E-09
648	624629.55	4265522.16	3.75E-08	1.29E-08	5.04E-08	3.14E-08	9.66E-09	4.10E-08	7.43E-09	2.47E-09	9.90E-09	5.79E-09	1.19E-09	6.98E-09
649	624619.64	4265522.03	3.72E-08	1.28E-08	5.00E-08	3.11E-08	9.57E-09	4.06E-08	7.36E-09	2.45E-09	9.81E-09	5.74E-09	1.18E-09	6.92E-09
650	624609.73	4265521.89	3.68E-08	1.26E-08	4.94E-08	3.07E-08	9.47E-09	4.02E-08	7.28E-09	2.42E-09	9.70E-09	5.68E-09	1.17E-09	6.84E-09
651	624599.82	4265521.75	3.64E-08	1.25E-08	4.89E-08	3.04E-08	9.36E-09	3.97E-08	7.20E-09	2.40E-09	9.59E-09	5.61E-09	1.15E-09	6.76E-09
652	624589.91	4265521.61	3.59E-08	1.23E-08	4.82E-08	3.00E-08	9.23E-09	3.92E-08	7.10E-09	2.36E-09	9.46E-09	5.53E-09	1.14E-09	6.67E-09
653	624580	4265521.48	3.53E-08	1.21E-08	4.75E-08	2.95E-08	9.09E-09	3.86E-08	6.99E-09	2.33E-09	9.32E-09	5.45E-09	1.12E-09	6.57E-09
654	624570.09	4265521.34	3.47E-08	1.19E-08	4.67E-08	2.90E-08	8.94E-09	3.80E-08	6.87E-09	2.29E-09	9.16E-09	5.36E-09	1.10E-09	6.46E-09
655	624560.19	4265521.2	3.41E-08	1.17E-08	4.58E-08	2.85E-08	8.77E-09	3.72E-08	6.74E-09	2.24E-09	8.99E-09	5.26E-09	1.08E-09	6.34E-09
656	624550.28	4265521.07	3.34E-08	1.15E-08	4.49E-08	2.79E-08	8.59E-09	3.65E-08	6.61E-09	2.20E-09	8.81E-09	5.15E-09	1.06E-09	6.21E-09
657	624540.37	4265520.93	3.27E-08	1.12E-08	4.39E-08	2.73E-08	8.41E-09	3.57E-08	6.46E-09	2.15E-09	8.62E-09	5.04E-09	1.04E-09	6.08E-09
658	624530.46	4265520.79	3.19E-08	1.10E-08	4.29E-08	2.67E-08	8.21E-09	3.49E-08	6.31E-09	2.10E-09	8.42E-09	4.92E-09	1.01E-09	5.94E-09
659	624520.55	4265520.65	3.11E-08	1.07E-08	4.18E-08	2.60E-08	8.01E-09	3.40E-08	6.16E-09	2.05E-09	8.20E-09	4.80E-09	9.87E-10	5.79E-09
660	624510.64	4265520.52	3.03E-08	1.04E-08	4.07E-08	2.53E-08	7.79E-09	3.31E-08	5.99E-09	1.99E-09	7.98E-09	4.67E-09	9.60E-10	5.63E-09
661	624500.73	4265520.38	2.94E-08	1.01E-08	3.95E-08	2.46E-08	7.56E-09	3.21E-08	5.81E-09	1.94E-09	7.75E-09	4.53E-09	9.32E-10	5.46E-09
662	624490.82	4265520.24	2.85E-08	9.79E-09	3.83E-08	2.38E-08	7.33E-09	3.11E-08	5.64E-09	1.88E-09	7.51E-09	4.39E-09	9.04E-10	5.30E-09
663	624480.92	4265520.1	2.76E-08	9.48E-09	3.70E-08	2.30E-08	7.10E-09	3.01E-08	5.46E-09	1.82E-09	7.27E-09	4.25E-09	8.75E-10	5.13E-09
664	624471.01	4265519.97	2.66E-08	9.16E-09	3.58E-08	2.23E-08	6.86E-09	2.91E-08	5.27E-09	1.76E-09	7.03E-09	4.11E-09	8.46E-10	4.96E-09
665	624461.1	4265519.83	2.57E-08	8.84E-09	3.46E-08	2.15E-08	6.62E-09	2.81E-08	5.09E-09	1.69E-09	6.78E-09	3.97E-09	8.16E-10	4.78E-09
666	624451.19	4265519.69	2.48E-08	8.52E-09	3.33E-08	2.07E-08	6.38E-09	2.71E-08	4.91E-09	1.63E-09	6.54E-09	3.82E-09	7.86E-10	4.61E-09
667	624441.28	4265519.55	2.39E-08	8.20E-09	3.21E-08	1.99E-08	6.14E-09	2.61E-08	4.72E-09	1.57E-09	6.29E-09	3.68E-09	7.57E-10	4.44E-09
668	624431.37	4265519.42	2.30E-08	7.90E-09	3.09E-08	1.92E-08	5.91E-09	2.51E-08	4.55E-09	1.51E-09	6.06E-09	3.54E-09	7.29E-10	4.27E-09
669	624421.46	4265519.28	2.21E-08	7.61E-09	2.97E-08	1.85E-08	5.70E-09	2.42E-08	4.38E-09	1.46E-09	5.84E-09	3.41E-09	7.02E-10	4.12E-09
670	624411.55	4265519.14	2.13E-08	7.34E-09	2.87E-08	1.78E-08	5.49E-09	2.33E-08	4.22E-09	1.41E-09	5.63E-09	3.29E-09	6.77E-10	3.97E-09
671	624401.64	4265519	2.06E-08	7.08E-09	2.77E-08	1.72E-08	5.30E-09	2.25E-08	4.07E-09	1.36E-09	5.43E-09	3.18E-09	6.53E-10	3.83E-09
672	624391.74	4265518.87	1.99E-08	6.83E-09	2.67E-08	1.66E-08	5.11E-09	2.17E-08	3.93E-09	1.31E-09	5.24E-09	3.06E-09	6.30E-10	3.69E-09
673	624381.83	4265518.73	1.91E-08	6.58E-09	2.57E-08	1.60E-08	4.93E-09	2.09E-08	3.79E-09	1.26E-09	5.05E-09	2.95E-09	6.08E-10	3.56E-09
674	624371.92	4265518.59	1.85E-08	6.35E-09	2.48E-08	1.54E-08	4.76E-09	2.02E-08	3.66E-09	1.22E-09	4.87E-09	2.85E-09	5.86E-10	3.44E-09
675	624362.01	4265518.45	1.78E-08	6.14E-09	2.40E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.18E-09	4.71E-09	2.75E-09	5.66E-10	3.32E-09
676	624866.59	4265504.12	3.07E-08	1.06E-08	4.13E-08	2.57E-08	7.91E-09	3.36E-08	6.08E-09	2.02E-09	8.11E-09	4.74E-09	9.75E-10	5.72E-09
677	624875.39	4265507.92	3.06E-08	1.05E-08	4.11E-08	2.56E-08	7.88E-09	3.35E-08	6.06E-09	2.02E-09	8.08E-09	4.72E-09	9.72E-10	5.70E-09
678	624884.19	4265511.71	3.04E-08	1.05E-08	4.09E-08	2.54E-08	7.83E-09	3.33E-08	6.02E-09	2.00E-09	8.03E-09	4.70E-09	9.66E-10	5.66E-09
679	624892.99	4265515.51	3.02E-08	1.04E-08	4.05E-08	2.52E-08	7.77E-09	3.30E-08	5.97E-09	1.99E-09	7.96E-09	4.66E-09	9.58E-10	5.61E-09
680	624901.79	4265519.3	2.98E-08	1.03E-08	4.01E-08	2.49E-08	7.68E-09	3.26E-08	5.90E-09	1.97E-09	7.87E-09	4.60E-09	9.47E-10	5.55E-09
681	624910.59	4265523.1	2.94E-08	1.01E-08	3.95E-08	2.46E-08	7.57E-09	3.22E-08	5.82E-09	1.94E-09	7.76E-09	4.54E-09	9.34E-10	5.47E-09
682	624919.39	4265526.89	2.89E-08	9.95E-09	3.89E-08	2.42E-08	7.45E-09	3.16E-08	5.73E-09	1.91E-09	7.63E-09	4.47E-09	9.18E-10	5.38E-09
683	624928.18	4265530.69	2.84E-08	9.77E-09	3.82E-08	2.37E-08	7.31E-09	3.10E-08	5.62E-09	1.87E-09	7.49E-09	4.38E-09	9.01E-10	5.28E-09
684	624936.98	4265534.48	2.78E-08	9.56E-09	3.74E-08	2.32E-08	7.16E-09	3.04E-08	5.50E-09	1.83E-09	7.34E-09	4.29E-09	8.82E-10	5.17E-09
685	624945.78	4265538.28	2.72E-08	9.35E-09	3.65E-08	2.27E-08	7.00E-09	2.97E-08	5.38E-09	1.79E-09	7.17E-09	4.19E-09	8.62E-10	5.06E-09
686	624954.58	4265542.07	2.65E-08	9.12E-09	3.56E-08	2.22E-08	6.83E-09	2.90E-08	5.25E-09	1.75E-09	7.00E-09	4.09E-09	8.42E-10	4.93E-09

687	624963.38	4265545.87	2.58E-08	8.89E-09	3.47E-08	2.16E-08	6.65E-09	2.83E-08	5.11E-09	1.70E-09	6.82E-09	3.99E-09	8.20E-10	4.81E-09
688	624972.18	4265549.66	2.51E-08	8.65E-09	3.38E-08	2.10E-08	6.47E-09	2.75E-08	4.98E-09	1.66E-09	6.63E-09	3.88E-09	7.98E-10	4.68E-09
689	624984.5	4265562.37	2.45E-08	8.41E-09	3.29E-08	2.04E-08	6.30E-09	2.67E-08	4.84E-09	1.61E-09	6.45E-09	3.77E-09	7.76E-10	4.55E-09
690	624988.03	4265571.28	2.44E-08	8.40E-09	3.28E-08	2.04E-08	6.29E-09	2.67E-08	4.84E-09	1.61E-09	6.45E-09	3.77E-09	7.75E-10	4.55E-09
691	624991.56	4265580.19	2.44E-08	8.39E-09	3.28E-08	2.04E-08	6.28E-09	2.67E-08	4.83E-09	1.61E-09	6.43E-09	3.76E-09	7.74E-10	4.54E-09
692	624995.08	4265589.1	2.43E-08	8.36E-09	3.27E-08	2.03E-08	6.26E-09	2.66E-08	4.81E-09	1.60E-09	6.41E-09	3.75E-09	7.72E-10	4.52E-09
693	624998.61	4265598	2.42E-08	8.32E-09	3.25E-08	2.02E-08	6.23E-09	2.65E-08	4.79E-09	1.59E-09	6.39E-09	3.74E-09	7.68E-10	4.50E-09
694	625002.13	4265606.91	2.41E-08	8.28E-09	3.24E-08	2.01E-08	6.20E-09	2.63E-08	4.77E-09	1.59E-09	6.35E-09	3.72E-09	7.64E-10	4.48E-09
695	625005.66	4265615.82	2.39E-08	8.22E-09	3.21E-08	2.00E-08	6.16E-09	2.61E-08	4.73E-09	1.58E-09	6.31E-09	3.69E-09	7.59E-10	4.45E-09
696	625009.19	4265624.73	2.37E-08	8.16E-09	3.19E-08	1.98E-08	6.11E-09	2.59E-08	4.70E-09	1.56E-09	6.26E-09	3.66E-09	7.53E-10	4.42E-09
697	625012.71	4265633.64	2.35E-08	8.09E-09	3.16E-08	1.97E-08	6.06E-09	2.57E-08	4.66E-09	1.55E-09	6.21E-09	3.63E-09	7.46E-10	4.38E-09
698	625016.24	4265642.55	2.33E-08	8.01E-09	3.13E-08	1.95E-08	5.99E-09	2.55E-08	4.61E-09	1.53E-09	6.14E-09	3.59E-09	7.39E-10	4.33E-09
699	625019.77	4265651.46	2.30E-08	7.91E-09	3.09E-08	1.92E-08	5.93E-09	2.52E-08	4.56E-09	1.52E-09	6.07E-09	3.55E-09	7.30E-10	4.28E-09
700	625023.29	4265660.37	2.27E-08	7.82E-09	3.05E-08	1.90E-08	5.85E-09	2.49E-08	4.50E-09	1.50E-09	6.00E-09	3.51E-09	7.21E-10	4.23E-09
701	625026.82	4265669.28	2.24E-08	7.71E-09	3.01E-08	1.87E-08	5.77E-09	2.45E-08	4.44E-09	1.48E-09	5.92E-09	3.46E-09	7.12E-10	4.17E-09
702	624857.8	4265500.33	3.08E-08	1.06E-08	4.14E-08	2.57E-08	7.93E-09	3.37E-08	6.09E-09	2.03E-09	8.12E-09	4.75E-09	9.77E-10	5.73E-09
703	624847.89	4265500.19	3.13E-08	1.08E-08	4.20E-08	2.61E-08	8.05E-09	3.42E-08	6.19E-09	2.06E-09	8.25E-09	4.82E-09	9.92E-10	5.82E-09
704	624837.98	4265500.05	3.17E-08	1.09E-08	4.26E-08	2.65E-08	8.16E-09	3.47E-08	6.28E-09	2.09E-09	8.37E-09	4.89E-09	1.01E-09	5.90E-09
705	624828.07	4265499.91	3.21E-08	1.10E-08	4.32E-08	2.68E-08	8.27E-09	3.51E-08	6.36E-09	2.12E-09	8.47E-09	4.96E-09	1.02E-09	5.98E-09
706	624818.16	4265499.78	3.25E-08	1.12E-08	4.37E-08	2.72E-08	8.37E-09	3.55E-08	6.43E-09	2.14E-09	8.57E-09	5.01E-09	1.03E-09	6.05E-09
707	624808.25	4265499.64	3.28E-08	1.13E-08	4.41E-08	2.74E-08	8.46E-09	3.59E-08	6.50E-09	2.16E-09	8.66E-09	5.07E-09	1.04E-09	6.11E-09
708	624798.34	4265499.5	3.31E-08	1.14E-08	4.45E-08	2.77E-08	8.53E-09	3.62E-08	6.56E-09	2.18E-09	8.74E-09	5.11E-09	1.05E-09	6.17E-09
709	624788.43	4265499.37	3.34E-08	1.15E-08	4.49E-08	2.79E-08	8.60E-09	3.65E-08	6.61E-09	2.20E-09	8.81E-09	5.15E-09	1.06E-09	6.21E-09
710	624778.53	4265499.23	3.36E-08	1.16E-08	4.52E-08	2.81E-08	8.65E-09	3.67E-08	6.65E-09	2.21E-09	8.87E-09	5.19E-09	1.07E-09	6.25E-09
711	624768.62	4265499.09	3.38E-08	1.16E-08	4.54E-08	2.82E-08	8.69E-09	3.69E-08	6.68E-09	2.22E-09	8.91E-09	5.21E-09	1.07E-09	6.28E-09
712	624758.71	4265498.95	3.39E-08	1.17E-08	4.56E-08	2.83E-08	8.73E-09	3.71E-08	6.71E-09	2.23E-09	8.94E-09	5.23E-09	1.08E-09	6.31E-09
713	624748.8	4265498.82	3.40E-08	1.17E-08	4.57E-08	2.84E-08	8.75E-09	3.72E-08	6.73E-09	2.24E-09	8.97E-09	5.25E-09	1.08E-09	6.32E-09
714	624738.89	4265498.68	3.41E-08	1.17E-08	4.58E-08	2.85E-08	8.77E-09	3.73E-08	6.74E-09	2.24E-09	8.99E-09	5.26E-09	1.08E-09	6.34E-09
715	624728.98	4265498.54	3.41E-08	1.17E-08	4.59E-08	2.85E-08	8.79E-09	3.73E-08	6.76E-09	2.25E-09	9.00E-09	5.27E-09	1.08E-09	6.35E-09
716	624719.07	4265498.4	3.42E-08	1.17E-08	4.59E-08	2.85E-08	8.79E-09	3.73E-08	6.76E-09	2.25E-09	9.01E-09	5.27E-09	1.08E-09	6.35E-09
717	624709.16	4265498.27	3.42E-08	1.17E-08	4.59E-08	2.85E-08	8.79E-09	3.73E-08	6.76E-09	2.25E-09	9.01E-09	5.27E-09	1.08E-09	6.35E-09
718	624699.26	4265498.13	3.41E-08	1.17E-08	4.59E-08	2.85E-08	8.78E-09	3.73E-08	6.75E-09	2.25E-09	9.00E-09	5.26E-09	1.08E-09	6.35E-09
719	624689.35	4265497.99	3.41E-08	1.17E-08	4.58E-08	2.85E-08	8.77E-09	3.72E-08	6.74E-09	2.24E-09	8.99E-09	5.26E-09	1.08E-09	6.34E-09
720	624679.44	4265497.85	3.40E-08	1.17E-08	4.57E-08	2.84E-08	8.75E-09	3.71E-08	6.72E-09	2.24E-09	8.96E-09	5.24E-09	1.08E-09	6.32E-09
721	624669.53	4265497.72	3.39E-08	1.16E-08	4.55E-08	2.83E-08	8.72E-09	3.70E-08	6.70E-09	2.23E-09	8.93E-09	5.23E-09	1.07E-09	6.30E-09
722	624659.62	4265497.58	3.37E-08	1.16E-08	4.53E-08	2.82E-08	8.68E-09	3.69E-08	6.67E-09	2.22E-09	8.90E-09	5.20E-09	1.07E-09	6.27E-09
723	624649.71	4265497.44	3.35E-08	1.15E-08	4.51E-08	2.80E-08	8.63E-09	3.67E-08	6.64E-09	2.21E-09	8.85E-09	5.17E-09	1.06E-09	6.24E-09
724	624639.8	4265497.3	3.33E-08	1.15E-08	4.48E-08	2.78E-08	8.57E-09	3.64E-08	6.59E-09	2.19E-09	8.79E-09	5.14E-09	1.06E-09	6.20E-09
725	624629.89	4265497.17	3.30E-08	1.14E-08	4.44E-08	2.76E-08	8.50E-09	3.61E-08	6.54E-09	2.18E-09	8.71E-09	5.09E-09	1.05E-09	6.14E-09
726	624619.99	4265497.03	3.27E-08	1.12E-08	4.39E-08	2.73E-08	8.41E-09	3.57E-08	6.47E-09	2.15E-09	8.62E-09	5.04E-09	1.04E-09	6.08E-09
727	624610.08	4265496.89	3.23E-08	1.11E-08	4.34E-08	2.70E-08	8.32E-09	3.53E-08	6.39E-09	2.13E-09	8.52E-09	4.99E-09	1.03E-09	6.01E-09
728	624600.17	4265496.75	3.19E-08	1.10E-08	4.29E-08	2.67E-08	8.21E-09	3.49E-08	6.31E-09	2.10E-09	8.41E-09	4.92E-09	1.01E-09	5.93E-09
729	624590.26	4265496.62	3.14E-08	1.08E-08	4.22E-08	2.63E-08	8.09E-09	3.44E-08	6.22E-09	2.07E-09	8.29E-09	4.85E-09	9.98E-10	5.85E-09
730	624580.35	4265496.48	3.09E-08	1.06E-08	4.16E-08	2.59E-08	7.97E-09	3.38E-08	6.12E-09	2.04E-09	8.16E-09	4.77E-09	9.82E-10	5.76E-09
731	624570.44	4265496.34	3.04E-08	1.05E-08	4.08E-08	2.54E-08	7.83E-09	3.32E-08	6.02E-09	2.00E-09	8.02E-09	4.69E-09	9.65E-10	5.65E-09
732	624560.53	4265496.2	2.98E-08	1.03E-08	4.01E-08	2.49E-08	7.68E-09	3.26E-08	5.90E-09	1.96E-09	7.86E-09	4.60E-09	9.46E-10	5.55E-09
733	624550.62	4265496.07	2.92E-08	1.00E-08	3.92E-08	2.44E-08	7.51E-09	3.19E-08	5.78E-09	1.92E-09	7.70E-09	4.50E-09	9.26E-10	5.43E-09
734	624540.71	4265495.93	2.85E-08	9.81E-09	3.83E-08	2.39E-08	7.35E-09	3.12E-08	5.65E-09	1.88E-09	7.53E-09	4.40E-09	9.06E-10	5.31E-09
735	624530.81	4265495.79	2.79E-08	9.58E-09	3.74E-08	2.33E-08	7.17E-09	3.05E-08	5.51E-09	1.84E-09	7.35E-09	4.30E-09	8.84E-10	5.18E-09
736	624520.9	4265495.66	2.72E-08	9.34E-09	3.65E-08	2.27E-08	6.99E-09	2.97E-08	5.38E-09	1.79E-09	7.17E-09	4.19E-09	8.62E-10	5.05E-09
737	624510.99	4265495.52	2.64E-08	9.09E-09	3.55E-08	2.21E-08	6.81E-09	2.89E-08	5.23E-09	1.74E-09	6.98E-09	4.08E-09	8.39E-10	4.92E-09
738	624501.08	4265495.38	2.57E-08	8.84E-09	3.45E-08	2.15E-08	6.62E-09	2.81E-08	5.09E-09	1.69E-09	6.78E-09	3.97E-09	8.16E-10	4.78E-09
739	624491.17	4265495.24	2.49E-08	8.58E-09	3.35E-08	2.09E-08	6.42E-09	2.73E-08	4.94E-09	1.64E-09	6.58E-09	3.85E-09	7.92E-10	4.64E-09
740	624481.26	4265495.11	2.42E-08	8.32E-09	3.25E-08	2.02E-08	6.23E-09	2.64E-08	4.79E-09	1.59E-09	6.38E-09	3.73E-09	7.68E-10	4.50E-09
741	624471.35	4265494.97	2.34E-08	8.06E-09	3.15E-08	1.96E-08	6.03E-09	2.56E-08	4.64E-09	1.54E-09	6.18E-09	3.62E-09	7.44E-10	4.36E-09
742	624461.44	4265494.83	2.27E-08	7.80E-09	3.05E-08	1.90E-08	5.84E-09	2.48E-08	4.49E-09	1.49E-09	5.99E-09	3.50E-09	7.20E-10	4.22E-09
743	624451.54	4265494.69	2.20E-08	7.55E-09	2.95E-08	1.84E-08	5.65E-09	2.40E-08	4.35E-09	1.45E-09	5.79E-09	3.39E-09	6.97E-10	4.08E-09
744	624441.63	4265494.56	2.12E-08	7.30E-09	2.85E-08	1.78E-08	5.47E-09	2.32E-08	4.20E-09	1.40E-09	5.60E-09	3.28E-09	6.74E-10	3.95E-09
745	624431.72	4265494.42	2.05E-08	7.06E-09	2.76E-08	1.72E-08	5.29E-09	2.25E-08	4.07E-09	1.35E-09	5.42E-09	3.17E-09	6.52E-10	3.82E-09
746	624421.81	4265494.28	1.99E-08	6.84E-09	2.67E-08	1.66E-08	5.12E-09	2.17E-08	3.93E-09	1.31E-09	5.24E-09	3.07E-09	6.31E-10	3.70E-09
747	624411.9	4265494.14	1.92E-08	6.62E-09	2.59E-08	1.61E-08	4.95E-09	2.10E-08	3.81E-09	1.27E-09	5.08E-09	2.97E-09	6.11E-10	3.58E-09
748	624401.99	4265494.01	1.86E-08	6.41E-09	2.50E-08	1.56E-08	4.80E-09	2.04E-08	3.69E-09	1.23E-09	4.92E-09	2.88E-09	5.91E-10	3.47E-09
749	624392.08	4265493.87	1.81E-08	6.21E-09	2.43E-08	1.51E-08	4.65E-09	1.97E-08	3.57E-09	1.19E-09	4.76E-09	2.79E-09	5.73E-10	3.36E-09
750	624382.17	4265493.73	1.75E-08	6.01E-09	2.35E-08	1.46E-08	4.50E-09	1.91E-08	3.46E-09	1.15E-09	4.61E-09	2.70E-09	5.55E-10	3.25E-09
751	624372.27	4265493.59	1.69E-08	5.82E-09	2.27E-08	1.41E-08	4.36E-09	1.85E-08	3.35E-09	1.12E-09	4.47E-09	2.61E-09	5.37E-10	3.15E-09
752	624362.36	4265493.46	1.64E-08	5.64E-09	2.20E-08	1.37E-08	4.22E-09	1.79E-08	3.25E-09	1.08E-09	4.33E-09	2.53E-09	5.21E-10	3.05E-09
753	624866.94	4265479.12	2.82E-08	9.69E-09	3.79E-08	2.35E-08	7.25E-09	3.08E-08	5.58E-09	1.86E-09	7.43E-09	4.35E-09	8.94E-10	5.24E-09
754	624875.74	4265482.92	2.81E-08	9.67E-09	3.78E-08	2.35E-08	7.24E-09	3.07E-08	5.57E-09	1.85E-09	7.42E-09	4.34E-09	8.92E-10	5.23E-09
755	624884.54	4265486.71	2.80E-08	9.63E-09	3.76E-08	2.34E-08	7.21E-09	3.06E-08	5.55E-09	1.85E-09	7.39E-09	4.32E-09	8.89E-10	5.21E-09

756	624893.34	4265490.51	2.79E-08	9.58E-09	3.74E-08	2.33E-08	7.17E-09	3.05E-08	5.51E-09	1.84E-09	7.35E-09	4.30E-09	8.84E-10	5.18E-09
757	624902.14	4265494.3	2.76E-08	9.50E-09	3.71E-08	2.31E-08	7.11E-09	3.02E-08	5.47E-09	1.82E-09	7.29E-09	4.26E-09	8.77E-10	5.14E-09
758	624910.93	4265498.1	2.74E-08	9.41E-09	3.68E-08	2.29E-08	7.04E-09	2.99E-08	5.41E-09	1.80E-09	7.22E-09	4.22E-09	8.68E-10	5.09E-09
759	624919.73	4265501.89	2.70E-08	9.29E-09	3.63E-08	2.26E-08	6.95E-09	2.95E-08	5.35E-09	1.78E-09	7.13E-09	4.17E-09	8.57E-10	5.02E-09
760	624928.53	4265505.69	2.66E-08	9.15E-09	3.58E-08	2.22E-08	6.85E-09	2.91E-08	5.27E-09	1.75E-09	7.02E-09	4.11E-09	8.45E-10	4.95E-09
761	624937.33	4265509.48	2.62E-08	9.00E-09	3.52E-08	2.19E-08	6.74E-09	2.86E-08	5.18E-09	1.72E-09	6.90E-09	4.04E-09	8.30E-10	4.87E-09
762	624946.13	4265513.28	2.57E-08	8.83E-09	3.45E-08	2.15E-08	6.61E-09	2.81E-08	5.08E-09	1.69E-09	6.77E-09	3.96E-09	8.15E-10	4.78E-09
763	624954.93	4265517.07	2.51E-08	8.64E-09	3.38E-08	2.10E-08	6.47E-09	2.75E-08	4.98E-09	1.66E-09	6.63E-09	3.88E-09	7.98E-10	4.68E-09
764	624963.73	4265520.87	2.46E-08	8.45E-09	3.30E-08	2.05E-08	6.33E-09	2.69E-08	4.87E-09	1.62E-09	6.49E-09	3.79E-09	7.80E-10	4.57E-09
765	624972.52	4265524.66	2.40E-08	8.25E-09	3.23E-08	2.01E-08	6.18E-09	2.62E-08	4.75E-09	1.58E-09	6.33E-09	3.70E-09	7.62E-10	4.47E-09
766	624981.32	4265528.46	2.34E-08	8.05E-09	3.15E-08	1.96E-08	6.03E-09	2.56E-08	4.63E-09	1.54E-09	6.18E-09	3.61E-09	7.43E-10	4.36E-09
767	624990.12	4265532.25	2.28E-08	7.85E-09	3.07E-08	1.91E-08	5.87E-09	2.49E-08	4.52E-09	1.50E-09	6.02E-09	3.52E-09	7.24E-10	4.24E-09
768	625002.45	4265544.96	2.22E-08	7.64E-09	2.98E-08	1.86E-08	5.72E-09	2.43E-08	4.40E-09	1.46E-09	5.86E-09	3.43E-09	7.05E-10	4.13E-09
769	625005.97	4265553.87	2.22E-08	7.63E-09	2.98E-08	1.85E-08	5.71E-09	2.42E-08	4.39E-09	1.46E-09	5.85E-09	3.42E-09	7.04E-10	4.13E-09
770	625009.5	4265562.78	2.21E-08	7.61E-09	2.97E-08	1.85E-08	5.70E-09	2.42E-08	4.38E-09	1.46E-09	5.84E-09	3.42E-09	7.02E-10	4.12E-09
771	625013.03	4265571.69	2.21E-08	7.59E-09	2.97E-08	1.84E-08	5.68E-09	2.41E-08	4.37E-09	1.45E-09	5.82E-09	3.40E-09	7.00E-10	4.11E-09
772	625016.55	4265580.6	2.20E-08	7.56E-09	2.95E-08	1.84E-08	5.66E-09	2.40E-08	4.35E-09	1.45E-09	5.80E-09	3.39E-09	6.97E-10	4.09E-09
773	625020.08	4265589.51	2.19E-08	7.52E-09	2.94E-08	1.83E-08	5.63E-09	2.39E-08	4.33E-09	1.44E-09	5.77E-09	3.37E-09	6.94E-10	4.07E-09
774	625023.6	4265598.42	2.17E-08	7.47E-09	2.92E-08	1.82E-08	5.60E-09	2.38E-08	4.30E-09	1.43E-09	5.73E-09	3.35E-09	6.90E-10	4.04E-09
775	625027.13	4265607.33	2.16E-08	7.42E-09	2.90E-08	1.80E-08	5.56E-09	2.36E-08	4.27E-09	1.42E-09	5.69E-09	3.33E-09	6.85E-10	4.02E-09
776	625030.66	4265616.24	2.14E-08	7.36E-09	2.88E-08	1.79E-08	5.51E-09	2.34E-08	4.24E-09	1.41E-09	5.65E-09	3.30E-09	6.79E-10	3.98E-09
777	625034.18	4265625.14	2.12E-08	7.30E-09	2.85E-08	1.77E-08	5.46E-09	2.32E-08	4.20E-09	1.40E-09	5.60E-09	3.27E-09	6.73E-10	3.95E-09
778	625037.71	4265634.05	2.10E-08	7.22E-09	2.82E-08	1.76E-08	5.41E-09	2.30E-08	4.16E-09	1.38E-09	5.54E-09	3.24E-09	6.66E-10	3.91E-09
779	625041.24	4265642.96	2.08E-08	7.14E-09	2.79E-08	1.74E-08	5.35E-09	2.27E-08	4.11E-09	1.37E-09	5.48E-09	3.20E-09	6.59E-10	3.86E-09
780	625044.76	4265651.87	2.05E-08	7.05E-09	2.76E-08	1.71E-08	5.28E-09	2.24E-08	4.06E-09	1.35E-09	5.41E-09	3.17E-09	6.51E-10	3.82E-09
781	625048.29	4265660.78	2.02E-08	6.96E-09	2.72E-08	1.69E-08	5.21E-09	2.21E-08	4.01E-09	1.33E-09	5.34E-09	3.12E-09	6.42E-10	3.77E-09
782	625051.82	4265669.69	2.00E-08	6.86E-09	2.68E-08	1.67E-08	5.14E-09	2.18E-08	3.95E-09	1.32E-09	5.27E-09	3.08E-09	6.33E-10	3.71E-09
783	624858.14	4265475.33	2.82E-08	9.69E-09	3.79E-08	2.36E-08	7.26E-09	3.08E-08	5.58E-09	1.86E-09	7.44E-09	4.35E-09	8.94E-10	5.24E-09
784	624848.23	4265475.19	2.86E-08	9.82E-09	3.84E-08	2.39E-08	7.35E-09	3.12E-08	5.65E-09	1.88E-09	7.54E-09	4.41E-09	9.06E-10	5.31E-09
785	624838.33	4265475.05	2.89E-08	9.94E-09	3.89E-08	2.42E-08	7.45E-09	3.16E-08	5.72E-09	1.91E-09	7.63E-09	4.46E-09	9.18E-10	5.38E-09
786	624828.42	4265474.92	2.92E-08	1.01E-08	3.93E-08	2.44E-08	7.53E-09	3.20E-08	5.79E-09	1.93E-09	7.72E-09	4.51E-09	9.28E-10	5.44E-09
787	624818.51	4265474.78	2.96E-08	1.02E-08	3.97E-08	2.47E-08	7.61E-09	3.23E-08	5.85E-09	1.95E-09	7.80E-09	4.56E-09	9.38E-10	5.50E-09
788	624808.6	4265474.64	2.98E-08	1.03E-08	4.01E-08	2.49E-08	7.68E-09	3.26E-08	5.90E-09	1.97E-09	7.87E-09	4.60E-09	9.47E-10	5.55E-09
789	624798.69	4265474.5	3.01E-08	1.03E-08	4.04E-08	2.51E-08	7.74E-09	3.29E-08	5.95E-09	1.98E-09	7.93E-09	4.64E-09	9.54E-10	5.59E-09
790	624788.78	4265474.37	3.03E-08	1.04E-08	4.07E-08	2.53E-08	7.79E-09	3.31E-08	5.99E-09	1.99E-09	7.98E-09	4.67E-09	9.60E-10	5.63E-09
791	624778.87	4265474.23	3.04E-08	1.05E-08	4.09E-08	2.54E-08	7.83E-09	3.33E-08	6.02E-09	2.00E-09	8.03E-09	4.69E-09	9.66E-10	5.66E-09
792	624768.96	4265474.09	3.06E-08	1.05E-08	4.11E-08	2.55E-08	7.87E-09	3.34E-08	6.05E-09	2.01E-09	8.06E-09	4.71E-09	9.70E-10	5.68E-09
793	624759.06	4265473.96	3.06E-08	1.05E-08	4.12E-08	2.56E-08	7.89E-09	3.35E-08	6.06E-09	2.02E-09	8.08E-09	4.73E-09	9.72E-10	5.70E-09
794	624749.15	4265473.82	3.07E-08	1.06E-08	4.13E-08	2.57E-08	7.90E-09	3.36E-08	6.08E-09	2.02E-09	8.10E-09	4.74E-09	9.74E-10	5.71E-09
795	624739.24	4265473.68	3.07E-08	1.06E-08	4.13E-08	2.57E-08	7.91E-09	3.36E-08	6.08E-09	2.02E-09	8.10E-09	4.74E-09	9.75E-10	5.71E-09
796	624729.33	4265473.54	3.07E-08	1.06E-08	4.13E-08	2.57E-08	7.91E-09	3.36E-08	6.08E-09	2.02E-09	8.10E-09	4.74E-09	9.75E-10	5.71E-09
797	624719.42	4265473.41	3.07E-08	1.06E-08	4.12E-08	2.56E-08	7.90E-09	3.35E-08	6.07E-09	2.02E-09	8.09E-09	4.73E-09	9.74E-10	5.71E-09
798	624709.51	4265473.27	3.06E-08	1.05E-08	4.12E-08	2.56E-08	7.88E-09	3.35E-08	6.06E-09	2.02E-09	8.08E-09	4.73E-09	9.72E-10	5.70E-09
799	624699.6	4265473.13	3.06E-08	1.05E-08	4.11E-08	2.55E-08	7.87E-09	3.34E-08	6.05E-09	2.01E-09	8.06E-09	4.71E-09	9.70E-10	5.68E-09
800	624689.69	4265472.99	3.04E-08	1.05E-08	4.09E-08	2.55E-08	7.84E-09	3.33E-08	6.03E-09	2.01E-09	8.03E-09	4.70E-09	9.66E-10	5.66E-09
801	624679.78	4265472.86	3.03E-08	1.04E-08	4.08E-08	2.53E-08	7.81E-09	3.32E-08	6.00E-09	2.00E-09	8.00E-09	4.68E-09	9.62E-10	5.64E-09
802	624669.88	4265472.72	3.02E-08	1.04E-08	4.06E-08	2.52E-08	7.77E-09	3.30E-08	5.97E-09	1.99E-09	7.96E-09	4.66E-09	9.58E-10	5.61E-09
803	624659.97	4265472.58	3.00E-08	1.03E-08	4.03E-08	2.51E-08	7.72E-09	3.28E-08	5.94E-09	1.98E-09	7.92E-09	4.63E-09	9.52E-10	5.58E-09
804	624650.06	4265472.44	2.98E-08	1.02E-08	4.00E-08	2.49E-08	7.67E-09	3.26E-08	5.90E-09	1.96E-09	7.86E-09	4.60E-09	9.46E-10	5.54E-09
805	624640.15	4265472.31	2.96E-08	1.02E-08	3.97E-08	2.47E-08	7.61E-09	3.23E-08	5.85E-09	1.95E-09	7.80E-09	4.56E-09	9.38E-10	5.50E-09
806	624630.24	4265472.17	2.93E-08	1.01E-08	3.94E-08	2.45E-08	7.54E-09	3.20E-08	5.80E-09	1.93E-09	7.73E-09	4.52E-09	9.29E-10	5.45E-09
807	624620.33	4265472.03	2.90E-08	9.96E-09	3.89E-08	2.42E-08	7.46E-09	3.17E-08	5.73E-09	1.91E-09	7.64E-09	4.47E-09	9.19E-10	5.39E-09
808	624610.42	4265471.89	2.86E-08	9.84E-09	3.85E-08	2.39E-08	7.37E-09	3.13E-08	5.66E-09	1.89E-09	7.55E-09	4.42E-09	9.08E-10	5.32E-09
809	624600.51	4265471.76	2.82E-08	9.71E-09	3.79E-08	2.36E-08	7.27E-09	3.09E-08	5.59E-09	1.86E-09	7.45E-09	4.36E-09	8.96E-10	5.25E-09
810	624590.61	4265471.62	2.78E-08	9.56E-09	3.74E-08	2.32E-08	7.16E-09	3.04E-08	5.50E-09	1.83E-09	7.33E-09	4.29E-09	8.82E-10	5.17E-09
811	624580.7	4265471.48	2.73E-08	9.40E-09	3.67E-08	2.29E-08	7.04E-09	2.99E-08	5.41E-09	1.80E-09	7.21E-09	4.22E-09	8.68E-10	5.09E-09
812	624570.79	4265471.34	2.69E-08	9.24E-09	3.61E-08	2.25E-08	6.92E-09	2.94E-08	5.32E-09	1.77E-09	7.09E-09	4.14E-09	8.52E-10	5.00E-09
813	624560.88	4265471.21	2.63E-08	9.06E-09	3.54E-08	2.20E-08	6.78E-09	2.88E-08	5.21E-09	1.74E-09	6.95E-09	4.06E-09	8.36E-10	4.90E-09
814	624550.97	4265471.07	2.58E-08	8.87E-09	3.47E-08	2.16E-08	6.64E-09	2.82E-08	5.10E-09	1.70E-09	6.80E-09	3.98E-09	8.18E-10	4.80E-09
815	624541.06	4265470.93	2.52E-08	8.67E-09	3.39E-08	2.11E-08	6.49E-09	2.76E-08	4.99E-09	1.66E-09	6.65E-09	3.89E-09	8.00E-10	4.69E-09
816	624531.15	4265470.8	2.46E-08	8.46E-09	3.31E-08	2.06E-08	6.34E-09	2.69E-08	4.87E-09	1.62E-09	6.49E-09	3.80E-09	7.81E-10	4.58E-09
817	624521.24	4265470.66	2.40E-08	8.26E-09	3.23E-08	2.01E-08	6.18E-09	2.62E-08	4.75E-09	1.58E-09	6.33E-09	3.70E-09	7.62E-10	4.47E-09
818	624511.34	4265470.52	2.34E-08	8.04E-09	3.14E-08	1.96E-08	6.02E-09	2.56E-08	4.63E-09	1.54E-09	6.17E-09	3.61E-09	7.42E-10	4.35E-09
819	624501.43	4265470.38	2.28E-08	7.83E-09	3.06E-08	1.90E-08	5.86E-09	2.49E-08	4.51E-09	1.50E-09	6.01E-09	3.51E-09	7.23E-10	4.24E-09
820	624491.52	4265470.25	2.21E-08	7.61E-09	2.98E-08	1.85E-08	5.70E-09	2.42E-08	4.38E-09	1.46E-09	5.84E-09	3.42E-09	7.03E-10	4.12E-09
821	624481.61	4265470.11	2.15E-08	7.40E-09	2.89E-08	1.80E-08	5.54E-09	2.35E-08	4.26E-09	1.42E-09	5.67E-09	3.32E-09	6.83E-10	4.00E-09
822	624471.7	4265469.97	2.09E-08	7.18E-09	2.81E-08	1.75E-08	5.38E-09	2.28E-08	4.13E-09	1.38E-09	5.51E-09	3.22E-09	6.63E-10	3.89E-09
823	624461.79	4265469.83	2.03E-08	6.98E-09	2.73E-08	1.70E-08	5.22E-09	2.22E-08	4.01E-09	1.34E-09	5.35E-09	3.13E-09	6.44E-10	3.77E-09
824	624451.88	4265469.7	1.97E-08	6.77E-09	2.65E-08	1.65E-08	5.07E-09	2.15E-08	3.90E-09	1.30E-09	5.20E-09	3.04E-09	6.25E-10	3.66E-09

825	624441.97	4265469.56	1.91E-08	6.58E-09	2.57E-08	1.60E-08	4.92E-09	2.09E-08	3.79E-09	1.26E-09	5.05E-09	2.95E-09	6.07E-10	3.56E-09
826	624432.06	4265469.42	1.86E-08	6.39E-09	2.50E-08	1.55E-08	4.78E-09	2.03E-08	3.68E-09	1.22E-09	4.90E-09	2.87E-09	5.89E-10	3.45E-09
827	624422.16	4265469.28	1.80E-08	6.20E-09	2.42E-08	1.51E-08	4.64E-09	1.97E-08	3.57E-09	1.19E-09	4.76E-09	2.78E-09	5.72E-10	3.35E-09
828	624412.25	4265469.15	1.75E-08	6.02E-09	2.35E-08	1.46E-08	4.51E-09	1.91E-08	3.47E-09	1.15E-09	4.62E-09	2.70E-09	5.56E-10	3.26E-09
829	624402.34	4265469.01	1.70E-08	5.85E-09	2.29E-08	1.42E-08	4.38E-09	1.86E-08	3.37E-09	1.12E-09	4.49E-09	2.63E-09	5.40E-10	3.17E-09
830	624392.43	4265468.87	1.65E-08	5.68E-09	2.22E-08	1.38E-08	4.26E-09	1.81E-08	3.27E-09	1.09E-09	4.36E-09	2.55E-09	5.25E-10	3.08E-09
831	624382.52	4265468.73	1.61E-08	5.52E-09	2.16E-08	1.34E-08	4.13E-09	1.76E-08	3.18E-09	1.06E-09	4.24E-09	2.48E-09	5.10E-10	2.99E-09
832	624372.61	4265468.6	1.56E-08	5.36E-09	2.10E-08	1.30E-08	4.02E-09	1.71E-08	3.09E-09	1.03E-09	4.12E-09	2.41E-09	4.95E-10	2.90E-09
833	624362.7	4265468.46	1.52E-08	5.21E-09	2.04E-08	1.27E-08	3.90E-09	1.66E-08	3.00E-09	9.99E-10	4.00E-09	2.34E-09	4.81E-10	2.82E-09
834	624867.29	4265454.13	2.59E-08	8.92E-09	3.49E-08	2.17E-08	6.68E-09	2.84E-08	5.13E-09	1.71E-09	6.84E-09	4.00E-09	8.23E-10	4.83E-09
835	624876.09	4265457.92	2.59E-08	8.92E-09	3.48E-08	2.17E-08	6.68E-09	2.83E-08	5.13E-09	1.71E-09	6.84E-09	4.00E-09	8.23E-10	4.82E-09
836	624884.89	4265461.72	2.59E-08	8.90E-09	3.48E-08	2.16E-08	6.66E-09	2.83E-08	5.12E-09	1.70E-09	6.83E-09	3.99E-09	8.21E-10	4.81E-09
837	624893.68	4265465.51	2.58E-08	8.87E-09	3.47E-08	2.16E-08	6.64E-09	2.82E-08	5.10E-09	1.70E-09	6.80E-09	3.98E-09	8.18E-10	4.80E-09
838	624902.48	4265469.31	2.56E-08	8.82E-09	3.45E-08	2.14E-08	6.60E-09	2.80E-08	5.08E-09	1.69E-09	6.77E-09	3.96E-09	8.14E-10	4.77E-09
839	624911.28	4265473.1	2.55E-08	8.75E-09	3.42E-08	2.13E-08	6.55E-09	2.78E-08	5.04E-09	1.68E-09	6.72E-09	3.93E-09	8.08E-10	4.74E-09
840	624920.08	4265476.9	2.52E-08	8.67E-09	3.39E-08	2.11E-08	6.49E-09	2.76E-08	4.99E-09	1.66E-09	6.65E-09	3.89E-09	8.00E-10	4.69E-09
841	624928.88	4265480.69	2.49E-08	8.57E-09	3.35E-08	2.08E-08	6.42E-09	2.73E-08	4.93E-09	1.64E-09	6.58E-09	3.85E-09	7.91E-10	4.64E-09
842	624937.68	4265484.49	2.46E-08	8.46E-09	3.30E-08	2.06E-08	6.33E-09	2.69E-08	4.87E-09	1.62E-09	6.49E-09	3.79E-09	7.80E-10	4.58E-09
843	624946.47	4265488.28	2.42E-08	8.33E-09	3.25E-08	2.02E-08	6.23E-09	2.65E-08	4.79E-09	1.60E-09	6.39E-09	3.74E-09	7.68E-10	4.50E-09
844	624955.27	4265492.08	2.38E-08	8.18E-09	3.20E-08	1.99E-08	6.13E-09	2.60E-08	4.71E-09	1.57E-09	6.28E-09	3.67E-09	7.55E-10	4.43E-09
845	624964.07	4265495.87	2.33E-08	8.03E-09	3.14E-08	1.95E-08	6.01E-09	2.55E-08	4.62E-09	1.54E-09	6.16E-09	3.60E-09	7.41E-10	4.34E-09
846	624972.87	4265499.67	2.29E-08	7.87E-09	3.07E-08	1.91E-08	5.89E-09	2.50E-08	4.53E-09	1.51E-09	6.03E-09	3.53E-09	7.26E-10	4.26E-09
847	624981.67	4265503.46	2.24E-08	7.69E-09	3.01E-08	1.87E-08	5.76E-09	2.45E-08	4.43E-09	1.47E-09	5.90E-09	3.45E-09	7.10E-10	4.16E-09
848	624990.47	4265507.26	2.19E-08	7.52E-09	2.94E-08	1.83E-08	5.63E-09	2.39E-08	4.33E-09	1.44E-09	5.77E-09	3.37E-09	6.94E-10	4.07E-09
849	624999.27	4265511.05	2.13E-08	7.34E-09	2.87E-08	1.78E-08	5.50E-09	2.33E-08	4.22E-09	1.41E-09	5.63E-09	3.29E-09	6.77E-10	3.97E-09
850	625008.06	4265514.85	2.08E-08	7.16E-09	2.80E-08	1.74E-08	5.36E-09	2.28E-08	4.12E-09	1.37E-09	5.49E-09	3.21E-09	6.61E-10	3.87E-09
851	625020.39	4265527.55	2.03E-08	6.97E-09	2.73E-08	1.70E-08	5.22E-09	2.22E-08	4.01E-09	1.34E-09	5.35E-09	3.13E-09	6.44E-10	3.77E-09
852	625023.92	4265536.46	2.03E-08	6.96E-09	2.72E-08	1.69E-08	5.21E-09	2.21E-08	4.01E-09	1.33E-09	5.34E-09	3.12E-09	6.43E-10	3.77E-09
853	625027.44	4265545.37	2.02E-08	6.95E-09	2.72E-08	1.69E-08	5.20E-09	2.21E-08	4.00E-09	1.33E-09	5.33E-09	3.12E-09	6.41E-10	3.76E-09
854	625030.97	4265554.28	2.01E-08	6.93E-09	2.71E-08	1.68E-08	5.19E-09	2.20E-08	3.99E-09	1.33E-09	5.31E-09	3.11E-09	6.39E-10	3.75E-09
855	625034.5	4265563.19	2.01E-08	6.90E-09	2.70E-08	1.68E-08	5.17E-09	2.19E-08	3.97E-09	1.32E-09	5.29E-09	3.10E-09	6.37E-10	3.73E-09
856	625038.02	4265572.1	2.00E-08	6.87E-09	2.68E-08	1.67E-08	5.14E-09	2.18E-08	3.95E-09	1.32E-09	5.27E-09	3.08E-09	6.34E-10	3.72E-09
857	625041.55	4265581.01	1.99E-08	6.83E-09	2.67E-08	1.66E-08	5.11E-09	2.17E-08	3.93E-09	1.31E-09	5.24E-09	3.06E-09	6.30E-10	3.69E-09
858	625045.07	4265589.92	1.97E-08	6.79E-09	2.65E-08	1.65E-08	5.08E-09	2.16E-08	3.91E-09	1.30E-09	5.21E-09	3.05E-09	6.26E-10	3.67E-09
859	625048.6	4265598.83	1.96E-08	6.74E-09	2.63E-08	1.64E-08	5.04E-09	2.14E-08	3.88E-09	1.29E-09	5.17E-09	3.02E-09	6.22E-10	3.64E-09
860	625052.13	4265607.74	1.94E-08	6.68E-09	2.61E-08	1.62E-08	5.00E-09	2.12E-08	3.85E-09	1.28E-09	5.13E-09	3.00E-09	6.17E-10	3.61E-09
861	625055.65	4265616.65	1.93E-08	6.62E-09	2.59E-08	1.61E-08	4.96E-09	2.10E-08	3.81E-09	1.27E-09	5.08E-09	2.97E-09	6.11E-10	3.58E-09
862	625059.18	4265625.56	1.91E-08	6.55E-09	2.56E-08	1.59E-08	4.91E-09	2.08E-08	3.77E-09	1.26E-09	5.03E-09	2.94E-09	6.05E-10	3.55E-09
863	625062.71	4265634.47	1.88E-08	6.48E-09	2.53E-08	1.58E-08	4.85E-09	2.06E-08	3.73E-09	1.24E-09	4.97E-09	2.91E-09	5.98E-10	3.51E-09
864	625066.23	4265643.38	1.86E-08	6.40E-09	2.50E-08	1.56E-08	4.79E-09	2.04E-08	3.69E-09	1.23E-09	4.91E-09	2.87E-09	5.91E-10	3.46E-09
865	625069.76	4265652.29	1.84E-08	6.32E-09	2.47E-08	1.54E-08	4.73E-09	2.01E-08	3.64E-09	1.21E-09	4.85E-09	2.84E-09	5.83E-10	3.42E-09
866	625073.29	4265661.19	1.81E-08	6.24E-09	2.44E-08	1.52E-08	4.67E-09	1.98E-08	3.59E-09	1.19E-09	4.78E-09	2.80E-09	5.76E-10	3.37E-09
867	625076.81	4265670.1	1.79E-08	6.15E-09	2.40E-08	1.49E-08	4.60E-09	1.95E-08	3.54E-09	1.18E-09	4.72E-09	2.76E-09	5.67E-10	3.33E-09
868	624858.49	4265450.33	2.59E-08	8.91E-09	3.48E-08	2.17E-08	6.67E-09	2.83E-08	5.13E-09	1.71E-09	6.84E-09	4.00E-09	8.23E-10	4.82E-09
869	624848.58	4265450.19	2.62E-08	9.02E-09	3.52E-08	2.19E-08	6.75E-09	2.87E-08	5.19E-09	1.73E-09	6.92E-09	4.05E-09	8.32E-10	4.88E-09
870	624838.67	4265450.06	2.65E-08	9.12E-09	3.56E-08	2.22E-08	6.83E-09	2.90E-08	5.25E-09	1.75E-09	7.00E-09	4.09E-09	8.41E-10	4.93E-09
871	624828.76	4265449.92	2.68E-08	9.21E-09	3.60E-08	2.24E-08	6.89E-09	2.93E-08	5.30E-09	1.76E-09	7.07E-09	4.13E-09	8.50E-10	4.98E-09
872	624818.85	4265449.78	2.70E-08	9.29E-09	3.63E-08	2.26E-08	6.96E-09	2.95E-08	5.35E-09	1.78E-09	7.13E-09	4.17E-09	8.58E-10	5.03E-09
873	624808.95	4265449.64	2.72E-08	9.37E-09	3.66E-08	2.28E-08	7.01E-09	2.98E-08	5.39E-09	1.79E-09	7.19E-09	4.20E-09	8.64E-10	5.07E-09
874	624799.04	4265449.51	2.74E-08	9.43E-09	3.69E-08	2.29E-08	7.06E-09	3.00E-08	5.43E-09	1.81E-09	7.24E-09	4.23E-09	8.70E-10	5.10E-09
875	624789.13	4265449.37	2.76E-08	9.48E-09	3.71E-08	2.31E-08	7.10E-09	3.02E-08	5.46E-09	1.82E-09	7.28E-09	4.26E-09	8.75E-10	5.13E-09
876	624779.22	4265449.23	2.77E-08	9.53E-09	3.72E-08	2.32E-08	7.13E-09	3.03E-08	5.48E-09	1.83E-09	7.31E-09	4.27E-09	8.79E-10	5.15E-09
877	624769.31	4265449.1	2.78E-08	9.56E-09	3.73E-08	2.32E-08	7.16E-09	3.04E-08	5.50E-09	1.83E-09	7.33E-09	4.29E-09	8.82E-10	5.17E-09
878	624759.4	4265448.96	2.78E-08	9.57E-09	3.74E-08	2.33E-08	7.17E-09	3.04E-08	5.51E-09	1.83E-09	7.35E-09	4.30E-09	8.84E-10	5.18E-09
879	624749.49	4265448.82	2.79E-08	9.58E-09	3.74E-08	2.33E-08	7.17E-09	3.05E-08	5.51E-09	1.84E-09	7.35E-09	4.30E-09	8.84E-10	5.18E-09
880	624739.58	4265448.68	2.78E-08	9.57E-09	3.74E-08	2.33E-08	7.17E-09	3.04E-08	5.51E-09	1.83E-09	7.35E-09	4.30E-09	8.84E-10	5.18E-09
881	624729.68	4265448.55	2.78E-08	9.56E-09	3.74E-08	2.32E-08	7.16E-09	3.04E-08	5.50E-09	1.83E-09	7.33E-09	4.29E-09	8.82E-10	5.17E-09
882	624719.77	4265448.41	2.77E-08	9.53E-09	3.73E-08	2.32E-08	7.14E-09	3.03E-08	5.49E-09	1.83E-09	7.31E-09	4.28E-09	8.80E-10	5.16E-09
883	624709.86	4265448.27	2.76E-08	9.50E-09	3.71E-08	2.31E-08	7.11E-09	3.02E-08	5.47E-09	1.82E-09	7.29E-09	4.26E-09	8.77E-10	5.14E-09
884	624699.95	4265448.13	2.75E-08	9.46E-09	3.70E-08	2.30E-08	7.09E-09	3.01E-08	5.45E-09	1.81E-09	7.26E-09	4.25E-09	8.74E-10	5.12E-09
885	624690.04	4265448	2.74E-08	9.42E-09	3.68E-08	2.29E-08	7.05E-09	3.00E-08	5.42E-09	1.81E-09	7.23E-09	4.23E-09	8.69E-10	5.10E-09
886	624680.13	4265447.86	2.72E-08	9.37E-09	3.66E-08	2.28E-08	7.01E-09	2.98E-08	5.39E-09	1.80E-09	7.19E-09	4.20E-09	8.65E-10	5.07E-09
887	624670.22	4265447.72	2.71E-08	9.31E-09	3.64E-08	2.26E-08	6.97E-09	2.96E-08	5.36E-09	1.78E-09	7.14E-09	4.18E-09	8.59E-10	5.04E-09
888	624660.31	4265447.58	2.69E-08	9.24E-09	3.61E-08	2.25E-08	6.92E-09	2.94E-08	5.32E-09	1.77E-09	7.09E-09	4.15E-09	8.53E-10	5.00E-09
889	624650.4	4265447.45	2.67E-08	9.17E-09	3.58E-08	2.23E-08	6.86E-09	2.91E-08	5.28E-09	1.76E-09	7.03E-09	4.11E-09	8.46E-10	4.96E-09
890	624640.5	4265447.31	2.64E-08	9.09E-09	3.55E-08	2.21E-08	6.80E-09	2.89E-08	5.23E-09	1.74E-09	6.97E-09	4.08E-09	8.39E-10	4.92E-09
891	624630.59	4265447.17	2.62E-08	8.99E-09	3.51E-08	2.19E-08	6.73E-09	2.86E-08	5.18E-09	1.72E-09	6.90E-09	4.04E-09	8.30E-10	4.87E-09
892	624620.68	4265447.03	2.59E-08	8.89E-09	3.47E-08	2.16E-08	6.66E-09	2.83E-08	5.12E-09	1.70E-09	6.82E-09	3.99E-09	8.20E-10	4.81E-09
893	624610.77	4265446.9	2.55E-08	8.78E-09	3.43E-08	2.13E-08	6.57E-09	2.79E-08	5.05E-09	1.68E-09	6.73E-09	3.94E-09	8.10E-10	4.75E-09

894	624600.86	4265446.76	2.52E-08	8.65E-09	3.38E-08	2.10E-08	6.48E-09	2.75E-08	4.98E-09	1.66E-09	6.64E-09	3.88E-09	7.98E-10	4.68E-09
895	624590.95	4265446.62	2.48E-08	8.52E-09	3.33E-08	2.07E-08	6.38E-09	2.71E-08	4.90E-09	1.63E-09	6.54E-09	3.82E-09	7.86E-10	4.61E-09
896	624581.04	4265446.48	2.44E-08	8.38E-09	3.27E-08	2.04E-08	6.27E-09	2.66E-08	4.82E-09	1.60E-09	6.43E-09	3.76E-09	7.73E-10	4.53E-09
897	624571.13	4265446.35	2.39E-08	8.23E-09	3.21E-08	2.00E-08	6.16E-09	2.62E-08	4.74E-09	1.58E-09	6.31E-09	3.69E-09	7.59E-10	4.45E-09
898	624561.23	4265446.21	2.35E-08	8.07E-09	3.15E-08	1.96E-08	6.04E-09	2.57E-08	4.64E-09	1.55E-09	6.19E-09	3.62E-09	7.45E-10	4.36E-09
899	624551.32	4265446.07	2.30E-08	7.90E-09	3.09E-08	1.92E-08	5.91E-09	2.51E-08	4.55E-09	1.51E-09	6.06E-09	3.54E-09	7.29E-10	4.27E-09
900	624541.41	4265445.93	2.25E-08	7.72E-09	3.02E-08	1.88E-08	5.78E-09	2.46E-08	4.45E-09	1.48E-09	5.93E-09	3.47E-09	7.13E-10	4.18E-09
901	624531.5	4265445.8	2.19E-08	7.55E-09	2.95E-08	1.83E-08	5.65E-09	2.40E-08	4.34E-09	1.45E-09	5.79E-09	3.39E-09	6.96E-10	4.08E-09
902	624521.59	4265445.66	2.14E-08	7.37E-09	2.88E-08	1.79E-08	5.52E-09	2.34E-08	4.24E-09	1.41E-09	5.65E-09	3.31E-09	6.80E-10	3.99E-09
903	624511.68	4265445.52	2.09E-08	7.19E-09	2.81E-08	1.75E-08	5.38E-09	2.29E-08	4.14E-09	1.38E-09	5.51E-09	3.23E-09	6.63E-10	3.89E-09
904	624501.77	4265445.39	2.04E-08	7.01E-09	2.74E-08	1.70E-08	5.25E-09	2.23E-08	4.03E-09	1.34E-09	5.38E-09	3.14E-09	6.47E-10	3.79E-09
905	624491.86	4265445.25	1.99E-08	6.83E-09	2.67E-08	1.66E-08	5.11E-09	2.17E-08	3.93E-09	1.31E-09	5.24E-09	3.06E-09	6.30E-10	3.69E-09
906	624481.96	4265445.11	1.93E-08	6.65E-09	2.60E-08	1.62E-08	4.98E-09	2.11E-08	3.83E-09	1.27E-09	5.10E-09	2.98E-09	6.14E-10	3.60E-09
907	624472.05	4265444.97	1.88E-08	6.47E-09	2.53E-08	1.57E-08	4.85E-09	2.06E-08	3.73E-09	1.24E-09	4.97E-09	2.90E-09	5.97E-10	3.50E-09
908	624462.14	4265444.84	1.83E-08	6.30E-09	2.46E-08	1.53E-08	4.72E-09	2.00E-08	3.63E-09	1.21E-09	4.84E-09	2.83E-09	5.82E-10	3.41E-09
909	624452.23	4265444.7	1.78E-08	6.14E-09	2.40E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.18E-09	4.71E-09	2.75E-09	5.66E-10	3.32E-09
910	624442.32	4265444.56	1.74E-08	5.98E-09	2.34E-08	1.45E-08	4.47E-09	1.90E-08	3.44E-09	1.15E-09	4.59E-09	2.68E-09	5.52E-10	3.23E-09
911	624432.41	4265444.42	1.69E-08	5.82E-09	2.27E-08	1.41E-08	4.36E-09	1.85E-08	3.35E-09	1.12E-09	4.47E-09	2.61E-09	5.37E-10	3.15E-09
912	624422.5	4265444.29	1.65E-08	5.67E-09	2.22E-08	1.38E-08	4.24E-09	1.80E-08	3.26E-09	1.09E-09	4.35E-09	2.54E-09	5.23E-10	3.07E-09
913	624412.59	4265444.15	1.61E-08	5.52E-09	2.16E-08	1.34E-08	4.13E-09	1.76E-08	3.18E-09	1.06E-09	4.24E-09	2.48E-09	5.10E-10	2.99E-09
914	624402.68	4265444.01	1.56E-08	5.38E-09	2.10E-08	1.31E-08	4.03E-09	1.71E-08	3.10E-09	1.03E-09	4.13E-09	2.41E-09	4.96E-10	2.91E-09
915	624392.78	4265443.87	1.52E-08	5.24E-09	2.05E-08	1.27E-08	3.92E-09	1.67E-08	3.01E-09	1.00E-09	4.02E-09	2.35E-09	4.83E-10	2.83E-09
916	624382.87	4265443.74	1.48E-08	5.10E-09	1.99E-08	1.24E-08	3.82E-09	1.62E-08	2.94E-09	9.77E-10	3.91E-09	2.29E-09	4.71E-10	2.76E-09
917	624372.96	4265443.6	1.44E-08	4.97E-09	1.94E-08	1.21E-08	3.72E-09	1.58E-08	2.86E-09	9.52E-10	3.81E-09	2.23E-09	4.58E-10	2.69E-09
918	624363.05	4265443.46	1.41E-08	4.84E-09	1.89E-08	1.18E-08	3.62E-09	1.54E-08	2.78E-09	9.27E-10	3.71E-09	2.17E-09	4.46E-10	2.62E-09
919	624867.63	4265429.13	2.40E-08	8.24E-09	3.22E-08	2.00E-08	6.17E-09	2.62E-08	4.75E-09	1.58E-09	6.32E-09	3.70E-09	7.61E-10	4.46E-09
920	624876.43	4265432.92	2.40E-08	8.25E-09	3.22E-08	2.01E-08	6.18E-09	2.62E-08	4.75E-09	1.58E-09	6.33E-09	3.70E-09	7.61E-10	4.46E-09
921	624885.23	4265436.72	2.40E-08	8.25E-09	3.22E-08	2.00E-08	6.17E-09	2.62E-08	4.75E-09	1.58E-09	6.33E-09	3.70E-09	7.61E-10	4.46E-09
922	624894.03	4265440.51	2.39E-08	8.23E-09	3.22E-08	2.00E-08	6.16E-09	2.62E-08	4.74E-09	1.58E-09	6.31E-09	3.69E-09	7.60E-10	4.45E-09
923	624902.83	4265444.31	2.38E-08	8.20E-09	3.20E-08	1.99E-08	6.14E-09	2.61E-08	4.72E-09	1.57E-09	6.29E-09	3.68E-09	7.57E-10	4.44E-09
924	624911.63	4265448.1	2.37E-08	8.16E-09	3.19E-08	1.98E-08	6.11E-09	2.59E-08	4.70E-09	1.56E-09	6.26E-09	3.66E-09	7.53E-10	4.41E-09
925	624920.43	4265451.9	2.36E-08	8.10E-09	3.17E-08	1.97E-08	6.07E-09	2.58E-08	4.66E-09	1.55E-09	6.22E-09	3.64E-09	7.48E-10	4.38E-09
926	624929.22	4265455.69	2.34E-08	8.03E-09	3.14E-08	1.95E-08	6.01E-09	2.55E-08	4.62E-09	1.54E-09	6.16E-09	3.60E-09	7.41E-10	4.35E-09
927	624938.02	4265459.49	2.31E-08	7.95E-09	3.11E-08	1.93E-08	5.95E-09	2.53E-08	4.57E-09	1.52E-09	6.10E-09	3.57E-09	7.33E-10	4.30E-09
928	624946.82	4265463.28	2.28E-08	7.85E-09	3.07E-08	1.91E-08	5.88E-09	2.50E-08	4.52E-09	1.50E-09	6.02E-09	3.52E-09	7.24E-10	4.25E-09
929	624955.62	4265467.08	2.25E-08	7.74E-09	3.02E-08	1.88E-08	5.79E-09	2.46E-08	4.45E-09	1.48E-09	5.94E-09	3.47E-09	7.14E-10	4.19E-09
930	624964.42	4265470.87	2.21E-08	7.62E-09	2.98E-08	1.85E-08	5.70E-09	2.42E-08	4.38E-09	1.46E-09	5.84E-09	3.42E-09	7.03E-10	4.12E-09
931	624973.22	4265474.67	2.18E-08	7.48E-09	2.92E-08	1.82E-08	5.60E-09	2.38E-08	4.31E-09	1.43E-09	5.74E-09	3.36E-09	6.91E-10	4.05E-09
932	624982.02	4265478.46	2.14E-08	7.34E-09	2.87E-08	1.78E-08	5.50E-09	2.33E-08	4.23E-09	1.41E-09	5.63E-09	3.29E-09	6.78E-10	3.97E-09
933	624990.81	4265482.26	2.09E-08	7.19E-09	2.81E-08	1.75E-08	5.39E-09	2.29E-08	4.14E-09	1.38E-09	5.52E-09	3.23E-09	6.64E-10	3.89E-09
934	624999.61	4265486.05	2.05E-08	7.04E-09	2.75E-08	1.71E-08	5.27E-09	2.24E-08	4.05E-09	1.35E-09	5.40E-09	3.16E-09	6.50E-10	3.81E-09
935	625008.41	4265489.85	2.00E-08	6.89E-09	2.69E-08	1.67E-08	5.15E-09	2.19E-08	3.96E-09	1.32E-09	5.28E-09	3.09E-09	6.35E-10	3.72E-09
936	625017.21	4265493.64	1.96E-08	6.73E-09	2.63E-08	1.63E-08	5.04E-09	2.14E-08	3.87E-09	1.29E-09	5.16E-09	3.02E-09	6.21E-10	3.64E-09
937	625026.01	4265497.44	1.91E-08	6.57E-09	2.57E-08	1.60E-08	4.92E-09	2.09E-08	3.78E-09	1.26E-09	5.04E-09	2.95E-09	6.06E-10	3.55E-09
938	625038.33	4265510.14	1.86E-08	6.40E-09	2.50E-08	1.56E-08	4.79E-09	2.03E-08	3.68E-09	1.23E-09	4.91E-09	2.87E-09	5.91E-10	3.46E-09
939	625041.86	4265519.05	1.86E-08	6.39E-09	2.50E-08	1.55E-08	4.78E-09	2.03E-08	3.68E-09	1.22E-09	4.90E-09	2.87E-09	5.90E-10	3.46E-09
940	625045.39	4265527.96	1.85E-08	6.37E-09	2.49E-08	1.55E-08	4.77E-09	2.03E-08	3.67E-09	1.22E-09	4.89E-09	2.86E-09	5.88E-10	3.45E-09
941	625048.91	4265536.87	1.85E-08	6.36E-09	2.48E-08	1.54E-08	4.76E-09	2.02E-08	3.66E-09	1.22E-09	4.88E-09	2.85E-09	5.87E-10	3.44E-09
942	625052.44	4265545.78	1.84E-08	6.33E-09	2.47E-08	1.54E-08	4.74E-09	2.01E-08	3.64E-09	1.21E-09	4.86E-09	2.84E-09	5.84E-10	3.43E-09
943	625055.97	4265554.69	1.83E-08	6.30E-09	2.46E-08	1.53E-08	4.72E-09	2.00E-08	3.63E-09	1.21E-09	4.84E-09	2.83E-09	5.82E-10	3.41E-09
944	625059.49	4265563.6	1.82E-08	6.27E-09	2.45E-08	1.52E-08	4.69E-09	1.99E-08	3.61E-09	1.20E-09	4.81E-09	2.81E-09	5.79E-10	3.39E-09
945	625063.02	4265572.51	1.81E-08	6.23E-09	2.44E-08	1.51E-08	4.67E-09	1.98E-08	3.59E-09	1.19E-09	4.78E-09	2.80E-09	5.75E-10	3.37E-09
946	625066.55	4265581.42	1.80E-08	6.19E-09	2.42E-08	1.50E-08	4.64E-09	1.97E-08	3.56E-09	1.19E-09	4.75E-09	2.78E-09	5.71E-10	3.35E-09
947	625070.07	4265590.33	1.79E-08	6.14E-09	2.40E-08	1.49E-08	4.60E-09	1.95E-08	3.54E-09	1.18E-09	4.71E-09	2.76E-09	5.67E-10	3.32E-09
948	625073.6	4265599.24	1.77E-08	6.09E-09	2.38E-08	1.48E-08	4.56E-09	1.94E-08	3.51E-09	1.17E-09	4.67E-09	2.73E-09	5.62E-10	3.30E-09
949	625077.12	4265608.15	1.76E-08	6.04E-09	2.36E-08	1.47E-08	4.52E-09	1.92E-08	3.48E-09	1.16E-09	4.63E-09	2.71E-09	5.57E-10	3.27E-09
950	625080.65	4265617.06	1.74E-08	5.98E-09	2.34E-08	1.45E-08	4.48E-09	1.90E-08	3.44E-09	1.15E-09	4.59E-09	2.68E-09	5.52E-10	3.23E-09
951	625084.18	4265625.97	1.72E-08	5.91E-09	2.31E-08	1.44E-08	4.43E-09	1.88E-08	3.40E-09	1.13E-09	4.54E-09	2.65E-09	5.46E-10	3.20E-09
952	625087.7	4265634.88	1.70E-08	5.85E-09	2.28E-08	1.42E-08	4.38E-09	1.86E-08	3.36E-09	1.12E-09	4.48E-09	2.62E-09	5.39E-10	3.16E-09
953	625091.23	4265643.79	1.68E-08	5.77E-09	2.26E-08	1.40E-08	4.32E-09	1.84E-08	3.32E-09	1.11E-09	4.43E-09	2.59E-09	5.33E-10	3.12E-09
954	625094.76	4265652.7	1.66E-08	5.70E-09	2.23E-08	1.39E-08	4.27E-09	1.81E-08	3.28E-09	1.09E-09	4.37E-09	2.56E-09	5.26E-10	3.08E-09
955	625098.28	4265661.61	1.63E-08	5.62E-09	2.20E-08	1.37E-08	4.21E-09	1.79E-08	3.24E-09	1.08E-09	4.31E-09	2.52E-09	5.19E-10	3.04E-09
956	625101.81	4265670.52	1.61E-08	5.54E-09	2.16E-08	1.35E-08	4.15E-09	1.76E-08	3.19E-09	1.06E-09	4.25E-09	2.49E-09	5.11E-10	3.00E-09
957	624858.84	4265425.33	2.39E-08	8.23E-09	3.22E-08	2.00E-08	6.16E-09	2.62E-08	4.74E-09	1.58E-09	6.32E-09	3.69E-09	7.60E-10	4.45E-09
958	624848.93	4265425.2	2.42E-08	8.32E-09	3.25E-08	2.02E-08	6.23E-09	2.64E-08	4.79E-09	1.59E-09	6.38E-09	3.73E-09	7.68E-10	4.50E-09
959	624839.02	4265425.06	2.44E-08	8.40E-09	3.28E-08	2.04E-08	6.29E-09	2.67E-08	4.83E-09	1.61E-09	6.44E-09	3.77E-09	7.75E-10	4.54E-09
960	624829.11	4265424.92	2.46E-08	8.47E-09	3.31E-08	2.06E-08	6.34E-09	2.69E-08	4.88E-09	1.62E-09	6.50E-09	3.80E-09	7.82E-10	4.58E-09
961	624819.2	4265424.78	2.48E-08	8.54E-09	3.34E-08	2.07E-08	6.39E-09	2.71E-08	4.91E-09	1.64E-09	6.55E-09	3.83E-09	7.88E-10	4.62E-09
962	624809.29	4265424.65	2.50E-08	8.59E-09	3.36E-08	2.09E-08	6.44E-09	2.73E-08	4.95E-09	1.65E-09	6.59E-09	3.86E-09	7.93E-10	4.65E-09

963	624799.38	4265424.51	2.51E-08	8.64E-09	3.38E-08	2.10E-08	6.47E-09	2.75E-08	4.98E-09	1.66E-09	6.63E-09	3.88E-09	7.98E-10	4.68E-09
964	624789.47	4265424.37	2.53E-08	8.68E-09	3.39E-08	2.11E-08	6.50E-09	2.76E-08	5.00E-09	1.66E-09	6.66E-09	3.90E-09	8.02E-10	4.70E-09
965	624779.57	4265424.23	2.53E-08	8.71E-09	3.41E-08	2.12E-08	6.52E-09	2.77E-08	5.02E-09	1.67E-09	6.69E-09	3.91E-09	8.04E-10	4.71E-09
966	624769.66	4265424.1	2.54E-08	8.73E-09	3.41E-08	2.12E-08	6.54E-09	2.78E-08	5.03E-09	1.67E-09	6.70E-09	3.92E-09	8.06E-10	4.73E-09
967	624759.75	4265423.96	2.54E-08	8.74E-09	3.42E-08	2.12E-08	6.54E-09	2.78E-08	5.03E-09	1.67E-09	6.71E-09	3.92E-09	8.07E-10	4.73E-09
968	624749.84	4265423.82	2.54E-08	8.74E-09	3.41E-08	2.12E-08	6.54E-09	2.78E-08	5.03E-09	1.67E-09	6.70E-09	3.92E-09	8.06E-10	4.73E-09
969	624739.93	4265423.69	2.54E-08	8.72E-09	3.41E-08	2.12E-08	6.53E-09	2.77E-08	5.02E-09	1.67E-09	6.69E-09	3.91E-09	8.05E-10	4.72E-09
970	624730.02	4265423.55	2.53E-08	8.69E-09	3.40E-08	2.11E-08	6.51E-09	2.76E-08	5.00E-09	1.67E-09	6.67E-09	3.90E-09	8.02E-10	4.70E-09
971	624720.11	4265423.41	2.52E-08	8.66E-09	3.38E-08	2.10E-08	6.48E-09	2.75E-08	4.98E-09	1.66E-09	6.64E-09	3.89E-09	7.99E-10	4.68E-09
972	624710.2	4265423.27	2.51E-08	8.62E-09	3.37E-08	2.09E-08	6.45E-09	2.74E-08	4.96E-09	1.65E-09	6.61E-09	3.87E-09	7.95E-10	4.66E-09
973	624700.3	4265423.14	2.49E-08	8.57E-09	3.35E-08	2.08E-08	6.42E-09	2.73E-08	4.94E-09	1.64E-09	6.58E-09	3.85E-09	7.91E-10	4.64E-09
974	624690.39	4265423	2.48E-08	8.52E-09	3.33E-08	2.07E-08	6.38E-09	2.71E-08	4.91E-09	1.63E-09	6.54E-09	3.82E-09	7.86E-10	4.61E-09
975	624680.48	4265422.86	2.46E-08	8.46E-09	3.31E-08	2.06E-08	6.34E-09	2.69E-08	4.87E-09	1.62E-09	6.49E-09	3.80E-09	7.81E-10	4.58E-09
976	624670.57	4265422.72	2.44E-08	8.40E-09	3.28E-08	2.04E-08	6.29E-09	2.67E-08	4.83E-09	1.61E-09	6.44E-09	3.77E-09	7.75E-10	4.54E-09
977	624660.66	4265422.59	2.42E-08	8.33E-09	3.25E-08	2.02E-08	6.24E-09	2.65E-08	4.79E-09	1.60E-09	6.39E-09	3.74E-09	7.69E-10	4.51E-09
978	624650.75	4265422.45	2.40E-08	8.25E-09	3.22E-08	2.01E-08	6.18E-09	2.62E-08	4.75E-09	1.58E-09	6.33E-09	3.70E-09	7.62E-10	4.46E-09
979	624640.84	4265422.31	2.38E-08	8.17E-09	3.19E-08	1.99E-08	6.12E-09	2.60E-08	4.70E-09	1.57E-09	6.27E-09	3.67E-09	7.54E-10	4.42E-09
980	624630.93	4265422.17	2.35E-08	8.08E-09	3.16E-08	1.96E-08	6.05E-09	2.57E-08	4.65E-09	1.55E-09	6.20E-09	3.63E-09	7.46E-10	4.37E-09
981	624621.03	4265422.04	2.32E-08	7.98E-09	3.12E-08	1.94E-08	5.98E-09	2.54E-08	4.59E-09	1.53E-09	6.12E-09	3.58E-09	7.37E-10	4.32E-09
982	624611.12	4265421.9	2.29E-08	7.88E-09	3.08E-08	1.91E-08	5.90E-09	2.50E-08	4.53E-09	1.51E-09	6.04E-09	3.53E-09	7.27E-10	4.26E-09
983	624601.21	4265421.76	2.26E-08	7.76E-09	3.03E-08	1.89E-08	5.81E-09	2.47E-08	4.47E-09	1.49E-09	5.95E-09	3.48E-09	7.16E-10	4.20E-09
984	624591.3	4265421.62	2.22E-08	7.64E-09	2.99E-08	1.86E-08	5.72E-09	2.43E-08	4.40E-09	1.46E-09	5.86E-09	3.43E-09	7.05E-10	4.13E-09
985	624581.39	4265421.49	2.18E-08	7.51E-09	2.94E-08	1.83E-08	5.62E-09	2.39E-08	4.32E-09	1.44E-09	5.76E-09	3.37E-09	6.93E-10	4.06E-09
986	624571.48	4265421.35	2.15E-08	7.38E-09	2.88E-08	1.79E-08	5.52E-09	2.35E-08	4.25E-09	1.41E-09	5.66E-09	3.31E-09	6.81E-10	3.99E-09
987	624561.57	4265421.21	2.10E-08	7.24E-09	2.83E-08	1.76E-08	5.42E-09	2.30E-08	4.17E-09	1.39E-09	5.55E-09	3.25E-09	6.68E-10	3.92E-09
988	624551.66	4265421.07	2.06E-08	7.09E-09	2.77E-08	1.72E-08	5.31E-09	2.25E-08	4.08E-09	1.36E-09	5.44E-09	3.18E-09	6.54E-10	3.84E-09
989	624541.75	4265420.94	2.02E-08	6.94E-09	2.71E-08	1.69E-08	5.19E-09	2.21E-08	3.99E-09	1.33E-09	5.32E-09	3.11E-09	6.40E-10	3.75E-09
990	624531.85	4265420.8	1.97E-08	6.78E-09	2.65E-08	1.65E-08	5.08E-09	2.16E-08	3.91E-09	1.30E-09	5.21E-09	3.04E-09	6.26E-10	3.67E-09
991	624521.94	4265420.66	1.93E-08	6.63E-09	2.59E-08	1.61E-08	4.97E-09	2.11E-08	3.82E-09	1.27E-09	5.09E-09	2.98E-09	6.12E-10	3.59E-09
992	624512.03	4265420.53	1.88E-08	6.48E-09	2.53E-08	1.58E-08	4.85E-09	2.06E-08	3.73E-09	1.24E-09	4.97E-09	2.91E-09	5.98E-10	3.51E-09
993	624502.12	4265420.39	1.84E-08	6.33E-09	2.47E-08	1.54E-08	4.74E-09	2.01E-08	3.64E-09	1.21E-09	4.86E-09	2.84E-09	5.84E-10	3.42E-09
994	624492.21	4265420.25	1.80E-08	6.18E-09	2.41E-08	1.50E-08	4.63E-09	1.96E-08	3.56E-09	1.18E-09	4.74E-09	2.77E-09	5.70E-10	3.34E-09
995	624482.3	4265420.11	1.75E-08	6.03E-09	2.36E-08	1.47E-08	4.51E-09	1.92E-08	3.47E-09	1.16E-09	4.63E-09	2.71E-09	5.56E-10	3.26E-09
996	624472.39	4265419.98	1.71E-08	5.88E-09	2.30E-08	1.43E-08	4.41E-09	1.87E-08	3.39E-09	1.13E-09	4.51E-09	2.64E-09	5.43E-10	3.18E-09
997	624462.48	4265419.84	1.67E-08	5.74E-09	2.24E-08	1.40E-08	4.30E-09	1.83E-08	3.31E-09	1.10E-09	4.41E-09	2.58E-09	5.30E-10	3.11E-09
998	624452.58	4265419.7	1.63E-08	5.61E-09	2.19E-08	1.36E-08	4.20E-09	1.78E-08	3.23E-09	1.07E-09	4.30E-09	2.52E-09	5.17E-10	3.03E-09
999	624442.67	4265419.56	1.59E-08	5.47E-09	2.14E-08	1.33E-08	4.10E-09	1.74E-08	3.15E-09	1.05E-09	4.20E-09	2.46E-09	5.05E-10	2.96E-09
1000	624432.76	4265419.43	1.55E-08	5.34E-09	2.09E-08	1.30E-08	4.00E-09	1.70E-08	3.08E-09	1.02E-09	4.10E-09	2.40E-09	4.93E-10	2.89E-09
1001	624422.85	4265419.29	1.52E-08	5.22E-09	2.04E-08	1.27E-08	3.91E-09	1.66E-08	3.00E-09	1.00E-09	4.00E-09	2.34E-09	4.82E-10	2.82E-09
1002	624412.94	4265419.15	1.48E-08	5.09E-09	1.99E-08	1.24E-08	3.81E-09	1.62E-08	2.93E-09	9.76E-10	3.91E-09	2.29E-09	4.70E-10	2.76E-09
1003	624403.03	4265419.01	1.45E-08	4.97E-09	1.94E-08	1.21E-08	3.72E-09	1.58E-08	2.86E-09	9.52E-10	3.81E-09	2.23E-09	4.59E-10	2.69E-09
1004	624393.12	4265418.88	1.41E-08	4.85E-09	1.90E-08	1.18E-08	3.63E-09	1.54E-08	2.79E-09	9.29E-10	3.72E-09	2.18E-09	4.48E-10	2.62E-09
1005	624383.21	4265418.74	1.38E-08	4.73E-09	1.85E-08	1.15E-08	3.54E-09	1.50E-08	2.72E-09	9.07E-10	3.63E-09	2.12E-09	4.37E-10	2.56E-09
1006	624373.31	4265418.6	1.34E-08	4.62E-09	1.80E-08	1.12E-08	3.46E-09	1.47E-08	2.66E-09	8.85E-10	3.54E-09	2.07E-09	4.26E-10	2.50E-09
1007	624363.4	4265418.46	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.37E-09	1.43E-08	2.59E-09	8.63E-10	3.46E-09	2.02E-09	4.16E-10	2.44E-09
1008	624867.98	4265404.13	2.22E-08	7.65E-09	2.99E-08	1.86E-08	5.72E-09	2.43E-08	4.40E-09	1.46E-09	5.87E-09	3.43E-09	7.06E-10	4.14E-09
1009	624876.78	4265407.93	2.23E-08	7.66E-09	2.99E-08	1.86E-08	5.73E-09	2.43E-08	4.41E-09	1.47E-09	5.87E-09	3.44E-09	7.07E-10	4.14E-09
1010	624885.58	4265411.72	2.23E-08	7.66E-09	2.99E-08	1.86E-08	5.74E-09	2.44E-08	4.41E-09	1.47E-09	5.88E-09	3.44E-09	7.07E-10	4.14E-09
1011	624894.38	4265415.52	2.23E-08	7.66E-09	2.99E-08	1.86E-08	5.73E-09	2.43E-08	4.41E-09	1.47E-09	5.87E-09	3.44E-09	7.07E-10	4.14E-09
1012	624903.18	4265419.31	2.22E-08	7.64E-09	2.99E-08	1.86E-08	5.72E-09	2.43E-08	4.40E-09	1.46E-09	5.86E-09	3.43E-09	7.05E-10	4.13E-09
1013	624911.97	4265423.11	2.21E-08	7.62E-09	2.98E-08	1.85E-08	5.70E-09	2.42E-08	4.38E-09	1.46E-09	5.84E-09	3.42E-09	7.03E-10	4.12E-09
1014	624920.77	4265426.9	2.20E-08	7.58E-09	2.96E-08	1.84E-08	5.67E-09	2.41E-08	4.36E-09	1.45E-09	5.81E-09	3.40E-09	6.99E-10	4.10E-09
1015	624929.57	4265430.7	2.19E-08	7.53E-09	2.94E-08	1.83E-08	5.64E-09	2.39E-08	4.33E-09	1.44E-09	5.78E-09	3.38E-09	6.95E-10	4.07E-09
1016	624938.37	4265434.49	2.17E-08	7.47E-09	2.92E-08	1.82E-08	5.59E-09	2.38E-08	4.30E-09	1.43E-09	5.73E-09	3.35E-09	6.89E-10	4.04E-09
1017	624947.17	4265438.29	2.15E-08	7.40E-09	2.89E-08	1.80E-08	5.54E-09	2.35E-08	4.26E-09	1.42E-09	5.68E-09	3.32E-09	6.83E-10	4.00E-09
1018	624955.97	4265442.08	2.13E-08	7.31E-09	2.86E-08	1.78E-08	5.48E-09	2.33E-08	4.21E-09	1.40E-09	5.61E-09	3.28E-09	6.75E-10	3.96E-09
1019	624964.77	4265445.88	2.10E-08	7.22E-09	2.82E-08	1.75E-08	5.40E-09	2.30E-08	4.16E-09	1.38E-09	5.54E-09	3.24E-09	6.66E-10	3.91E-09
1020	624973.56	4265449.67	2.07E-08	7.11E-09	2.78E-08	1.73E-08	5.33E-09	2.26E-08	4.09E-09	1.36E-09	5.46E-09	3.19E-09	6.56E-10	3.85E-09
1021	624982.36	4265453.47	2.04E-08	7.00E-09	2.73E-08	1.70E-08	5.24E-09	2.23E-08	4.03E-09	1.34E-09	5.37E-09	3.14E-09	6.46E-10	3.79E-09
1022	624991.16	4265457.26	2.00E-08	6.88E-09	2.69E-08	1.67E-08	5.15E-09	2.19E-08	3.96E-09	1.32E-09	5.27E-09	3.09E-09	6.35E-10	3.72E-09
1023	624999.96	4265461.06	1.96E-08	6.75E-09	2.64E-08	1.64E-08	5.05E-09	2.14E-08	3.88E-09	1.29E-09	5.18E-09	3.03E-09	6.23E-10	3.65E-09
1024	625008.76	4265464.85	1.92E-08	6.61E-09	2.58E-08	1.61E-08	4.95E-09	2.10E-08	3.81E-09	1.27E-09	5.07E-09	2.97E-09	6.10E-10	3.58E-09
1025	625017.56	4265468.65	1.88E-08	6.47E-09	2.53E-08	1.57E-08	4.85E-09	2.06E-08	3.73E-09	1.24E-09	4.97E-09	2.91E-09	5.98E-10	3.50E-09
1026	625026.36	4265472.44	1.84E-08	6.33E-09	2.48E-08	1.54E-08	4.74E-09	2.01E-08	3.65E-09	1.21E-09	4.86E-09	2.84E-09	5.85E-10	3.43E-09
1027	625035.15	4265476.24	1.80E-08	6.19E-09	2.42E-08	1.51E-08	4.64E-09	1.97E-08	3.56E-09	1.19E-09	4.75E-09	2.78E-09	5.71E-10	3.35E-09
1028	625043.95	4265480.03	1.76E-08	6.05E-09	2.36E-08	1.47E-08	4.53E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.71E-09	5.58E-10	3.27E-09
1029	625056.28	4265492.74	1.72E-08	5.90E-09	2.31E-08	1.43E-08	4.42E-09	1.88E-08	3.40E-09	1.13E-09	4.53E-09	2.65E-09	5.45E-10	3.19E-09
1030	625059.8	4265501.65	1.71E-08	5.89E-09	2.30E-08	1.43E-08	4.41E-09	1.87E-08	3.39E-09	1.13E-09	4.52E-09	2.64E-09	5.44E-10	3.19E-09
1031	625063.33	4265510.56	1.71E-08	5.88E-09	2.30E-08	1.43E-08	4.40E-09	1.87E-08	3.38E-09	1.13E-09	4.51E-09	2.64E-09	5.42E-10	3.18E-09

1032	625066.86	4265519.46	1.70E-08	5.86E-09	2.29E-08	1.42E-08	4.39E-09	1.86E-08	3.37E-09	1.12E-09	4.49E-09	2.63E-09	5.41E-10	3.17E-09
1033	625070.38	4265528.37	1.70E-08	5.84E-09	2.28E-08	1.42E-08	4.37E-09	1.86E-08	3.36E-09	1.12E-09	4.48E-09	2.62E-09	5.39E-10	3.16E-09
1034	625073.91	4265537.28	1.69E-08	5.81E-09	2.27E-08	1.41E-08	4.35E-09	1.85E-08	3.34E-09	1.11E-09	4.46E-09	2.61E-09	5.36E-10	3.14E-09
1035	625077.44	4265546.19	1.68E-08	5.78E-09	2.26E-08	1.41E-08	4.33E-09	1.84E-08	3.33E-09	1.11E-09	4.44E-09	2.59E-09	5.34E-10	3.13E-09
1036	625080.96	4265555.1	1.67E-08	5.75E-09	2.25E-08	1.40E-08	4.30E-09	1.83E-08	3.31E-09	1.10E-09	4.41E-09	2.58E-09	5.31E-10	3.11E-09
1037	625084.49	4265564.01	1.66E-08	5.71E-09	2.23E-08	1.39E-08	4.28E-09	1.82E-08	3.29E-09	1.09E-09	4.38E-09	2.56E-09	5.27E-10	3.09E-09
1038	625088.02	4265572.92	1.65E-08	5.67E-09	2.22E-08	1.38E-08	4.25E-09	1.80E-08	3.27E-09	1.09E-09	4.35E-09	2.55E-09	5.24E-10	3.07E-09
1039	625091.54	4265581.83	1.64E-08	5.63E-09	2.20E-08	1.37E-08	4.22E-09	1.79E-08	3.24E-09	1.08E-09	4.32E-09	2.53E-09	5.20E-10	3.05E-09
1040	625095.07	4265590.74	1.62E-08	5.58E-09	2.18E-08	1.36E-08	4.18E-09	1.78E-08	3.21E-09	1.07E-09	4.28E-09	2.51E-09	5.15E-10	3.02E-09
1041	625098.59	4265599.65	1.61E-08	5.53E-09	2.16E-08	1.34E-08	4.14E-09	1.76E-08	3.19E-09	1.06E-09	4.25E-09	2.48E-09	5.11E-10	2.99E-09
1042	625102.12	4265608.56	1.59E-08	5.48E-09	2.14E-08	1.33E-08	4.10E-09	1.74E-08	3.15E-09	1.05E-09	4.20E-09	2.46E-09	5.06E-10	2.96E-09
1043	625105.65	4265617.47	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.00E-10	2.93E-09
1044	625109.17	4265626.38	1.56E-08	5.36E-09	2.10E-08	1.30E-08	4.01E-09	1.70E-08	3.09E-09	1.03E-09	4.11E-09	2.41E-09	4.95E-10	2.90E-09
1045	625112.7	4265635.29	1.54E-08	5.30E-09	2.07E-08	1.29E-08	3.97E-09	1.68E-08	3.05E-09	1.02E-09	4.07E-09	2.38E-09	4.89E-10	2.87E-09
1046	625116.23	4265644.2	1.52E-08	5.23E-09	2.04E-08	1.27E-08	3.92E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.35E-09	4.83E-10	2.83E-09
1047	625119.75	4265653.11	1.50E-08	5.16E-09	2.02E-08	1.26E-08	3.87E-09	1.64E-08	2.97E-09	9.89E-10	3.96E-09	2.32E-09	4.77E-10	2.79E-09
1048	625123.28	4265662.02	1.48E-08	5.09E-09	1.99E-08	1.24E-08	3.81E-09	1.62E-08	2.93E-09	9.76E-10	3.91E-09	2.29E-09	4.70E-10	2.76E-09
1049	625126.81	4265670.93	1.46E-08	5.02E-09	1.96E-08	1.22E-08	3.76E-09	1.60E-08	2.89E-09	9.62E-10	3.85E-09	2.25E-09	4.63E-10	2.72E-09
1050	624859.18	4265400.34	2.22E-08	7.63E-09	2.98E-08	1.85E-08	5.71E-09	2.43E-08	4.39E-09	1.46E-09	5.85E-09	3.42E-09	7.04E-10	4.13E-09
1051	624849.27	4265400.2	2.24E-08	7.70E-09	3.01E-08	1.87E-08	5.76E-09	2.45E-08	4.43E-09	1.47E-09	5.90E-09	3.45E-09	7.10E-10	4.16E-09
1052	624839.37	4265400.06	2.26E-08	7.76E-09	3.03E-08	1.89E-08	5.81E-09	2.47E-08	4.47E-09	1.49E-09	5.95E-09	3.48E-09	7.16E-10	4.20E-09
1053	624829.46	4265399.92	2.27E-08	7.82E-09	3.06E-08	1.90E-08	5.85E-09	2.49E-08	4.50E-09	1.50E-09	6.00E-09	3.51E-09	7.22E-10	4.23E-09
1054	624819.55	4265399.79	2.29E-08	7.87E-09	3.08E-08	1.91E-08	5.89E-09	2.50E-08	4.53E-09	1.51E-09	6.04E-09	3.53E-09	7.26E-10	4.26E-09
1055	624809.64	4265399.65	2.30E-08	7.92E-09	3.09E-08	1.92E-08	5.93E-09	2.52E-08	4.56E-09	1.52E-09	6.07E-09	3.55E-09	7.31E-10	4.28E-09
1056	624799.73	4265399.51	2.31E-08	7.95E-09	3.11E-08	1.93E-08	5.96E-09	2.53E-08	4.58E-09	1.52E-09	6.10E-09	3.57E-09	7.34E-10	4.30E-09
1057	624789.82	4265399.37	2.32E-08	7.98E-09	3.12E-08	1.94E-08	5.98E-09	2.54E-08	4.60E-09	1.53E-09	6.13E-09	3.58E-09	7.37E-10	4.32E-09
1058	624779.91	4265399.24	2.33E-08	8.00E-09	3.13E-08	1.95E-08	5.99E-09	2.54E-08	4.61E-09	1.53E-09	6.14E-09	3.59E-09	7.39E-10	4.33E-09
1059	624770	4265399.1	2.33E-08	8.01E-09	3.13E-08	1.95E-08	6.00E-09	2.55E-08	4.61E-09	1.54E-09	6.15E-09	3.60E-09	7.40E-10	4.34E-09
1060	624760.09	4265398.96	2.33E-08	8.01E-09	3.13E-08	1.95E-08	6.00E-09	2.55E-08	4.61E-09	1.53E-09	6.15E-09	3.59E-09	7.39E-10	4.33E-09
1061	624750.19	4265398.83	2.33E-08	8.00E-09	3.13E-08	1.94E-08	5.99E-09	2.54E-08	4.60E-09	1.53E-09	6.14E-09	3.59E-09	7.38E-10	4.33E-09
1062	624740.28	4265398.69	2.32E-08	7.98E-09	3.12E-08	1.94E-08	5.97E-09	2.54E-08	4.59E-09	1.53E-09	6.12E-09	3.58E-09	7.36E-10	4.32E-09
1063	624730.37	4265398.55	2.31E-08	7.94E-09	3.10E-08	1.93E-08	5.95E-09	2.53E-08	4.57E-09	1.52E-09	6.09E-09	3.56E-09	7.33E-10	4.30E-09
1064	624720.46	4265398.41	2.30E-08	7.90E-09	3.09E-08	1.92E-08	5.92E-09	2.51E-08	4.55E-09	1.51E-09	6.06E-09	3.55E-09	7.29E-10	4.27E-09
1065	624710.55	4265398.28	2.28E-08	7.85E-09	3.07E-08	1.91E-08	5.88E-09	2.50E-08	4.52E-09	1.50E-09	6.03E-09	3.52E-09	7.25E-10	4.25E-09
1066	624700.64	4265398.14	2.27E-08	7.80E-09	3.05E-08	1.90E-08	5.84E-09	2.48E-08	4.49E-09	1.50E-09	5.99E-09	3.50E-09	7.20E-10	4.22E-09
1067	624690.73	4265398	2.25E-08	7.75E-09	3.03E-08	1.88E-08	5.80E-09	2.46E-08	4.46E-09	1.48E-09	5.94E-09	3.48E-09	7.15E-10	4.19E-09
1068	624680.82	4265397.86	2.23E-08	7.68E-09	3.00E-08	1.87E-08	5.75E-09	2.44E-08	4.42E-09	1.47E-09	5.90E-09	3.45E-09	7.09E-10	4.16E-09
1069	624670.92	4265397.73	2.21E-08	7.62E-09	2.98E-08	1.85E-08	5.70E-09	2.42E-08	4.38E-09	1.46E-09	5.84E-09	3.42E-09	7.03E-10	4.12E-09
1070	624661.01	4265397.59	2.19E-08	7.54E-09	2.95E-08	1.83E-08	5.65E-09	2.40E-08	4.34E-09	1.45E-09	5.79E-09	3.39E-09	6.96E-10	4.08E-09
1071	624651.1	4265397.45	2.17E-08	7.47E-09	2.92E-08	1.81E-08	5.59E-09	2.37E-08	4.30E-09	1.43E-09	5.73E-09	3.35E-09	6.89E-10	4.04E-09
1072	624641.19	4265397.31	2.15E-08	7.39E-09	2.89E-08	1.80E-08	5.53E-09	2.35E-08	4.25E-09	1.41E-09	5.67E-09	3.31E-09	6.82E-10	4.00E-09
1073	624631.28	4265397.18	2.12E-08	7.30E-09	2.85E-08	1.77E-08	5.46E-09	2.32E-08	4.20E-09	1.40E-09	5.60E-09	3.27E-09	6.74E-10	3.95E-09
1074	624621.37	4265397.04	2.10E-08	7.21E-09	2.82E-08	1.75E-08	5.40E-09	2.29E-08	4.15E-09	1.38E-09	5.53E-09	3.23E-09	6.65E-10	3.90E-09
1075	624611.46	4265396.9	2.07E-08	7.11E-09	2.78E-08	1.73E-08	5.32E-09	2.26E-08	4.09E-09	1.36E-09	5.45E-09	3.19E-09	6.56E-10	3.84E-09
1076	624601.55	4265396.76	2.04E-08	7.00E-09	2.74E-08	1.70E-08	5.24E-09	2.23E-08	4.03E-09	1.34E-09	5.37E-09	3.14E-09	6.46E-10	3.79E-09
1077	624591.65	4265396.63	2.00E-08	6.89E-09	2.69E-08	1.68E-08	5.16E-09	2.19E-08	3.97E-09	1.32E-09	5.29E-09	3.09E-09	6.36E-10	3.73E-09
1078	624581.74	4265396.49	1.97E-08	6.78E-09	2.65E-08	1.65E-08	5.07E-09	2.15E-08	3.90E-09	1.30E-09	5.20E-09	3.04E-09	6.25E-10	3.67E-09
1079	624571.83	4265396.35	1.94E-08	6.66E-09	2.60E-08	1.62E-08	4.98E-09	2.12E-08	3.83E-09	1.28E-09	5.11E-09	2.99E-09	6.14E-10	3.60E-09
1080	624561.92	4265396.21	1.90E-08	6.53E-09	2.55E-08	1.59E-08	4.89E-09	2.08E-08	3.76E-09	1.25E-09	5.01E-09	2.93E-09	6.03E-10	3.54E-09
1081	624552.01	4265396.08	1.86E-08	6.41E-09	2.50E-08	1.56E-08	4.80E-09	2.04E-08	3.69E-09	1.23E-09	4.92E-09	2.87E-09	5.91E-10	3.47E-09
1082	624542.1	4265395.94	1.83E-08	6.28E-09	2.45E-08	1.53E-08	4.70E-09	2.00E-08	3.61E-09	1.20E-09	4.81E-09	2.82E-09	5.79E-10	3.40E-09
1083	624532.19	4265395.8	1.79E-08	6.14E-09	2.40E-08	1.49E-08	4.60E-09	1.95E-08	3.54E-09	1.18E-09	4.71E-09	2.76E-09	5.67E-10	3.32E-09
1084	624522.28	4265395.66	1.75E-08	6.01E-09	2.35E-08	1.46E-08	4.50E-09	1.91E-08	3.46E-09	1.15E-09	4.61E-09	2.70E-09	5.55E-10	3.25E-09
1085	624512.37	4265395.53	1.71E-08	5.89E-09	2.30E-08	1.43E-08	4.41E-09	1.87E-08	3.39E-09	1.13E-09	4.52E-09	2.64E-09	5.43E-10	3.18E-09
1086	624502.47	4265395.39	1.67E-08	5.76E-09	2.25E-08	1.40E-08	4.31E-09	1.83E-08	3.31E-09	1.10E-09	4.42E-09	2.58E-09	5.31E-10	3.12E-09
1087	624492.56	4265395.25	1.64E-08	5.63E-09	2.20E-08	1.37E-08	4.22E-09	1.79E-08	3.24E-09	1.08E-09	4.32E-09	2.53E-09	5.20E-10	3.05E-09
1088	624482.65	4265395.12	1.60E-08	5.51E-09	2.15E-08	1.34E-08	4.12E-09	1.75E-08	3.17E-09	1.06E-09	4.23E-09	2.47E-09	5.08E-10	2.98E-09
1089	624472.74	4265394.98	1.57E-08	5.39E-09	2.11E-08	1.31E-08	4.03E-09	1.71E-08	3.10E-09	1.03E-09	4.13E-09	2.42E-09	4.97E-10	2.92E-09
1090	624462.83	4265394.84	1.53E-08	5.27E-09	2.06E-08	1.28E-08	3.95E-09	1.68E-08	3.03E-09	1.01E-09	4.04E-09	2.36E-09	4.86E-10	2.85E-09
1091	624452.92	4265394.7	1.50E-08	5.16E-09	2.01E-08	1.25E-08	3.86E-09	1.64E-08	2.97E-09	9.88E-10	3.96E-09	2.31E-09	4.76E-10	2.79E-09
1092	624443.01	4265394.57	1.47E-08	5.04E-09	1.97E-08	1.23E-08	3.78E-09	1.60E-08	2.90E-09	9.66E-10	3.87E-09	2.26E-09	4.66E-10	2.73E-09
1093	624433.1	4265394.43	1.44E-08	4.93E-09	1.93E-08	1.20E-08	3.69E-09	1.57E-08	2.84E-09	9.45E-10	3.79E-09	2.21E-09	4.55E-10	2.67E-09
1094	624423.2	4265394.29	1.40E-08	4.83E-09	1.89E-08	1.17E-08	3.61E-09	1.53E-08	2.78E-09	9.25E-10	3.70E-09	2.17E-09	4.46E-10	2.61E-09
1095	624413.29	4265394.15	1.37E-08	4.72E-09	1.85E-08	1.15E-08	3.53E-09	1.50E-08	2.72E-09	9.05E-10	3.62E-09	2.12E-09	4.36E-10	2.55E-09
1096	624403.38	4265394.02	1.34E-08	4.62E-09	1.80E-08	1.12E-08	3.46E-09	1.47E-08	2.66E-09	8.85E-10	3.54E-09	2.07E-09	4.26E-10	2.50E-09
1097	624393.47	4265393.88	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.38E-09	1.43E-08	2.60E-09	8.65E-10	3.46E-09	2.03E-09	4.17E-10	2.44E-09
1098	624383.56	4265393.74	1.28E-08	4.41E-09	1.72E-08	1.07E-08	3.30E-09	1.40E-08	2.54E-09	8.45E-10	3.38E-09	1.98E-09	4.07E-10	2.39E-09
1099	624373.65	4265393.6	1.25E-08	4.31E-09	1.68E-08	1.05E-08	3.23E-09	1.37E-08	2.48E-09	8.26E-10	3.31E-09	1.93E-09	3.98E-10	2.33E-09
1100	624363.74	4265393.47	1.23E-08	4.21E-09	1.65E-08	1.02E-08	3.16E-09	1.34E-08	2.43E-09	8.07E-10	3.23E-09	1.89E-09	3.89E-10	2.28E-09

1101	624868.33	4265379.13	2.07E-08	7.11E-09	2.78E-08	1.73E-08	5.32E-09	2.26E-08	4.09E-09	1.36E-09	5.46E-09	3.19E-09	6.56E-10	3.85E-09
1102	624877.13	4265382.93	2.07E-08	7.13E-09	2.79E-08	1.73E-08	5.34E-09	2.27E-08	4.10E-09	1.37E-09	5.47E-09	3.20E-09	6.58E-10	3.86E-09
1103	624885.93	4265386.72	2.08E-08	7.14E-09	2.79E-08	1.73E-08	5.34E-09	2.27E-08	4.11E-09	1.37E-09	5.48E-09	3.20E-09	6.59E-10	3.86E-09
1104	624894.72	4265390.52	2.08E-08	7.14E-09	2.79E-08	1.74E-08	5.35E-09	2.27E-08	4.11E-09	1.37E-09	5.48E-09	3.20E-09	6.59E-10	3.86E-09
1105	624903.52	4265394.31	2.08E-08	7.14E-09	2.79E-08	1.73E-08	5.34E-09	2.27E-08	4.11E-09	1.37E-09	5.48E-09	3.20E-09	6.59E-10	3.86E-09
1106	624912.32	4265398.11	2.07E-08	7.12E-09	2.78E-08	1.73E-08	5.33E-09	2.26E-08	4.10E-09	1.36E-09	5.46E-09	3.20E-09	6.57E-10	3.85E-09
1107	624921.12	4265401.9	2.06E-08	7.10E-09	2.77E-08	1.73E-08	5.32E-09	2.26E-08	4.09E-09	1.36E-09	5.45E-09	3.19E-09	6.55E-10	3.84E-09
1108	624929.92	4265405.7	2.06E-08	7.07E-09	2.76E-08	1.72E-08	5.29E-09	2.25E-08	4.07E-09	1.35E-09	5.42E-09	3.17E-09	6.52E-10	3.82E-09
1109	624938.72	4265409.49	2.04E-08	7.03E-09	2.75E-08	1.71E-08	5.26E-09	2.23E-08	4.04E-09	1.35E-09	5.39E-09	3.15E-09	6.48E-10	3.80E-09
1110	624947.51	4265413.29	2.03E-08	6.97E-09	2.73E-08	1.70E-08	5.22E-09	2.22E-08	4.01E-09	1.34E-09	5.35E-09	3.13E-09	6.44E-10	3.77E-09
1111	624956.31	4265417.08	2.01E-08	6.91E-09	2.70E-08	1.68E-08	5.17E-09	2.20E-08	3.98E-09	1.32E-09	5.30E-09	3.10E-09	6.38E-10	3.74E-09
1112	624965.11	4265420.88	1.99E-08	6.84E-09	2.67E-08	1.66E-08	5.12E-09	2.17E-08	3.94E-09	1.31E-09	5.25E-09	3.07E-09	6.31E-10	3.70E-09
1113	624973.91	4265424.67	1.96E-08	6.76E-09	2.64E-08	1.64E-08	5.06E-09	2.15E-08	3.89E-09	1.29E-09	5.18E-09	3.03E-09	6.23E-10	3.65E-09
1114	624982.71	4265428.47	1.94E-08	6.66E-09	2.60E-08	1.62E-08	4.99E-09	2.12E-08	3.84E-09	1.28E-09	5.11E-09	2.99E-09	6.15E-10	3.61E-09
1115	624991.51	4265432.26	1.91E-08	6.56E-09	2.56E-08	1.60E-08	4.91E-09	2.09E-08	3.78E-09	1.26E-09	5.04E-09	2.95E-09	6.06E-10	3.55E-09
1116	625000.31	4265436.06	1.88E-08	6.46E-09	2.52E-08	1.57E-08	4.83E-09	2.05E-08	3.72E-09	1.24E-09	4.95E-09	2.90E-09	5.96E-10	3.49E-09
1117	625009.1	4265439.85	1.84E-08	6.34E-09	2.48E-08	1.54E-08	4.75E-09	2.02E-08	3.65E-09	1.22E-09	4.87E-09	2.85E-09	5.85E-10	3.43E-09
1118	625017.9	4265443.65	1.81E-08	6.22E-09	2.43E-08	1.51E-08	4.66E-09	1.98E-08	3.58E-09	1.19E-09	4.78E-09	2.79E-09	5.74E-10	3.37E-09
1119	625026.7	4265447.44	1.77E-08	6.10E-09	2.38E-08	1.48E-08	4.57E-09	1.94E-08	3.51E-09	1.17E-09	4.68E-09	2.74E-09	5.63E-10	3.30E-09
1120	625035.5	4265451.24	1.74E-08	5.98E-09	2.34E-08	1.45E-08	4.48E-09	1.90E-08	3.44E-09	1.15E-09	4.59E-09	2.68E-09	5.52E-10	3.23E-09
1121	625044.3	4265455.03	1.70E-08	5.85E-09	2.29E-08	1.42E-08	4.38E-09	1.86E-08	3.37E-09	1.12E-09	4.49E-09	2.63E-09	5.40E-10	3.17E-09
1122	625053.1	4265458.83	1.66E-08	5.72E-09	2.24E-08	1.39E-08	4.29E-09	1.82E-08	3.29E-09	1.10E-09	4.39E-09	2.57E-09	5.28E-10	3.10E-09
1123	625061.9	4265462.62	1.63E-08	5.60E-09	2.19E-08	1.36E-08	4.19E-09	1.78E-08	3.22E-09	1.07E-09	4.29E-09	2.51E-09	5.16E-10	3.03E-09
1124	625074.22	4265475.33	1.59E-08	5.46E-09	2.13E-08	1.33E-08	4.09E-09	1.74E-08	3.14E-09	1.05E-09	4.19E-09	2.45E-09	5.04E-10	2.95E-09
1125	625077.75	4265484.24	1.58E-08	5.45E-09	2.13E-08	1.32E-08	4.08E-09	1.73E-08	3.14E-09	1.04E-09	4.18E-09	2.45E-09	5.03E-10	2.95E-09
1126	625081.27	4265493.15	1.58E-08	5.44E-09	2.12E-08	1.32E-08	4.07E-09	1.73E-08	3.13E-09	1.04E-09	4.17E-09	2.44E-09	5.02E-10	2.94E-09
1127	625084.8	4265502.06	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.00E-10	2.93E-09
1128	625088.33	4265510.97	1.57E-08	5.40E-09	2.11E-08	1.31E-08	4.04E-09	1.72E-08	3.11E-09	1.03E-09	4.14E-09	2.42E-09	4.98E-10	2.92E-09
1129	625091.85	4265519.88	1.56E-08	5.38E-09	2.10E-08	1.31E-08	4.03E-09	1.71E-08	3.10E-09	1.03E-09	4.13E-09	2.41E-09	4.96E-10	2.91E-09
1130	625095.38	4265528.79	1.56E-08	5.35E-09	2.09E-08	1.30E-08	4.01E-09	1.70E-08	3.08E-09	1.03E-09	4.11E-09	2.40E-09	4.94E-10	2.90E-09
1131	625098.91	4265537.7	1.55E-08	5.32E-09	2.08E-08	1.29E-08	3.99E-09	1.69E-08	3.06E-09	1.02E-09	4.08E-09	2.39E-09	4.91E-10	2.88E-09
1132	625102.43	4265546.61	1.54E-08	5.29E-09	2.07E-08	1.29E-08	3.96E-09	1.68E-08	3.05E-09	1.01E-09	4.06E-09	2.37E-09	4.88E-10	2.86E-09
1133	625105.96	4265555.51	1.53E-08	5.26E-09	2.06E-08	1.28E-08	3.94E-09	1.67E-08	3.03E-09	1.01E-09	4.03E-09	2.36E-09	4.85E-10	2.84E-09
1134	625109.49	4265564.42	1.52E-08	5.22E-09	2.04E-08	1.27E-08	3.91E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.34E-09	4.82E-10	2.83E-09
1135	625113.01	4265573.33	1.51E-08	5.18E-09	2.03E-08	1.26E-08	3.88E-09	1.65E-08	2.98E-09	9.93E-10	3.98E-09	2.33E-09	4.78E-10	2.80E-09
1136	625116.54	4265582.24	1.49E-08	5.14E-09	2.01E-08	1.25E-08	3.85E-09	1.63E-08	2.96E-09	9.85E-10	3.94E-09	2.31E-09	4.74E-10	2.78E-09
1137	625120.06	4265591.15	1.48E-08	5.09E-09	1.99E-08	1.24E-08	3.81E-09	1.62E-08	2.93E-09	9.76E-10	3.91E-09	2.29E-09	4.70E-10	2.76E-09
1138	625123.59	4265600.06	1.47E-08	5.05E-09	1.97E-08	1.23E-08	3.78E-09	1.60E-08	2.90E-09	9.67E-10	3.87E-09	2.26E-09	4.66E-10	2.73E-09
1139	625127.12	4265608.97	1.45E-08	4.99E-09	1.95E-08	1.21E-08	3.74E-09	1.59E-08	2.87E-09	9.57E-10	3.83E-09	2.24E-09	4.61E-10	2.70E-09
1140	625130.64	4265617.88	1.44E-08	4.94E-09	1.93E-08	1.20E-08	3.70E-09	1.57E-08	2.84E-09	9.47E-10	3.79E-09	2.22E-09	4.56E-10	2.67E-09
1141	625134.17	4265626.79	1.42E-08	4.89E-09	1.91E-08	1.19E-08	3.66E-09	1.55E-08	2.81E-09	9.36E-10	3.75E-09	2.19E-09	4.51E-10	2.64E-09
1142	625137.7	4265635.7	1.40E-08	4.83E-09	1.89E-08	1.17E-08	3.61E-09	1.53E-08	2.78E-09	9.25E-10	3.70E-09	2.17E-09	4.46E-10	2.61E-09
1143	625141.22	4265644.61	1.39E-08	4.77E-09	1.86E-08	1.16E-08	3.57E-09	1.52E-08	2.74E-09	9.14E-10	3.66E-09	2.14E-09	4.40E-10	2.58E-09
1144	625144.75	4265653.52	1.37E-08	4.71E-09	1.84E-08	1.14E-08	3.52E-09	1.50E-08	2.71E-09	9.02E-10	3.61E-09	2.11E-09	4.34E-10	2.55E-09
1145	625148.28	4265662.43	1.35E-08	4.64E-09	1.81E-08	1.13E-08	3.48E-09	1.48E-08	2.67E-09	8.90E-10	3.56E-09	2.08E-09	4.29E-10	2.51E-09
1146	625151.8	4265671.34	1.33E-08	4.58E-09	1.79E-08	1.11E-08	3.43E-09	1.46E-08	2.64E-09	8.77E-10	3.51E-09	2.05E-09	4.23E-10	2.48E-09
1147	624859.53	4265375.34	2.06E-08	7.09E-09	2.77E-08	1.72E-08	5.31E-09	2.25E-08	4.08E-09	1.36E-09	5.44E-09	3.18E-09	6.54E-10	3.84E-09
1148	624849.62	4265375.2	2.08E-08	7.14E-09	2.79E-08	1.74E-08	5.35E-09	2.27E-08	4.11E-09	1.37E-09	5.48E-09	3.21E-09	6.59E-10	3.87E-09
1149	624839.71	4265375.06	2.09E-08	7.20E-09	2.81E-08	1.75E-08	5.39E-09	2.29E-08	4.14E-09	1.38E-09	5.52E-09	3.23E-09	6.64E-10	3.89E-09
1150	624829.8	4265374.93	2.11E-08	7.24E-09	2.83E-08	1.76E-08	5.42E-09	2.30E-08	4.17E-09	1.39E-09	5.56E-09	3.25E-09	6.68E-10	3.92E-09
1151	624819.89	4265374.79	2.12E-08	7.28E-09	2.85E-08	1.77E-08	5.45E-09	2.32E-08	4.19E-09	1.40E-09	5.59E-09	3.27E-09	6.72E-10	3.94E-09
1152	624809.99	4265374.65	2.13E-08	7.32E-09	2.86E-08	1.78E-08	5.48E-09	2.33E-08	4.21E-09	1.40E-09	5.61E-09	3.28E-09	6.75E-10	3.96E-09
1153	624800.08	4265374.51	2.14E-08	7.34E-09	2.87E-08	1.79E-08	5.50E-09	2.33E-08	4.23E-09	1.41E-09	5.63E-09	3.30E-09	6.78E-10	3.97E-09
1154	624790.17	4265374.38	2.14E-08	7.36E-09	2.88E-08	1.79E-08	5.51E-09	2.34E-08	4.24E-09	1.41E-09	5.65E-09	3.30E-09	6.80E-10	3.98E-09
1155	624780.26	4265374.24	2.14E-08	7.38E-09	2.88E-08	1.79E-08	5.52E-09	2.34E-08	4.25E-09	1.41E-09	5.66E-09	3.31E-09	6.81E-10	3.99E-09
1156	624770.35	4265374.1	2.15E-08	7.38E-09	2.88E-08	1.79E-08	5.52E-09	2.35E-08	4.25E-09	1.41E-09	5.66E-09	3.31E-09	6.81E-10	3.99E-09
1157	624760.44	4265373.96	2.14E-08	7.37E-09	2.88E-08	1.79E-08	5.52E-09	2.34E-08	4.24E-09	1.41E-09	5.65E-09	3.31E-09	6.80E-10	3.99E-09
1158	624750.53	4265373.83	2.14E-08	7.35E-09	2.87E-08	1.79E-08	5.50E-09	2.34E-08	4.23E-09	1.41E-09	5.64E-09	3.30E-09	6.78E-10	3.98E-09
1159	624740.62	4265373.69	2.13E-08	7.32E-09	2.86E-08	1.78E-08	5.48E-09	2.33E-08	4.22E-09	1.40E-09	5.62E-09	3.29E-09	6.76E-10	3.96E-09
1160	624730.72	4265373.55	2.12E-08	7.28E-09	2.85E-08	1.77E-08	5.45E-09	2.32E-08	4.19E-09	1.40E-09	5.59E-09	3.27E-09	6.72E-10	3.94E-09
1161	624720.81	4265373.42	2.11E-08	7.24E-09	2.83E-08	1.76E-08	5.42E-09	2.30E-08	4.17E-09	1.39E-09	5.55E-09	3.25E-09	6.68E-10	3.92E-09
1162	624710.9	4265373.28	2.09E-08	7.19E-09	2.81E-08	1.75E-08	5.38E-09	2.29E-08	4.14E-09	1.38E-09	5.51E-09	3.23E-09	6.63E-10	3.89E-09
1163	624700.99	4265373.14	2.07E-08	7.13E-09	2.79E-08	1.73E-08	5.34E-09	2.27E-08	4.11E-09	1.37E-09	5.47E-09	3.20E-09	6.58E-10	3.86E-09
1164	624691.08	4265373	2.06E-08	7.07E-09	2.76E-08	1.72E-08	5.30E-09	2.25E-08	4.07E-09	1.36E-09	5.43E-09	3.17E-09	6.53E-10	3.83E-09
1165	624681.17	4265372.87	2.04E-08	7.01E-09	2.74E-08	1.70E-08	5.25E-09	2.23E-08	4.03E-09	1.34E-09	5.38E-09	3.14E-09	6.47E-10	3.79E-09
1166	624671.26	4265372.73	2.02E-08	6.94E-09	2.71E-08	1.69E-08	5.20E-09	2.21E-08	3.99E-09	1.33E-09	5.32E-09	3.11E-09	6.40E-10	3.75E-09
1167	624661.35	4265372.59	2.00E-08	6.87E-09	2.68E-08	1.67E-08	5.14E-09	2.18E-08	3.95E-09	1.32E-09	5.27E-09	3.08E-09	6.34E-10	3.71E-09
1168	624651.44	4265372.45	1.97E-08	6.79E-09	2.65E-08	1.65E-08	5.08E-09	2.16E-08	3.91E-09	1.30E-09	5.21E-09	3.05E-09	6.27E-10	3.67E-09
1169	624641.54	4265372.32	1.95E-08	6.71E-09	2.62E-08	1.63E-08	5.02E-09	2.13E-08	3.86E-09	1.29E-09	5.15E-09	3.01E-09	6.19E-10	3.63E-09

1170	624631.63	4265372.18	1.93E-08	6.63E-09	2.59E-08	1.61E-08	4.96E-09	2.11E-08	3.81E-09	1.27E-09	5.08E-09	2.97E-09	6.11E-10	3.58E-09
1171	624621.72	4265372.04	1.90E-08	6.54E-09	2.56E-08	1.59E-08	4.90E-09	2.08E-08	3.76E-09	1.25E-09	5.02E-09	2.93E-09	6.03E-10	3.54E-09
1172	624611.81	4265371.9	1.87E-08	6.45E-09	2.52E-08	1.57E-08	4.83E-09	2.05E-08	3.71E-09	1.24E-09	4.95E-09	2.89E-09	5.95E-10	3.49E-09
1173	624601.9	4265371.77	1.85E-08	6.35E-09	2.48E-08	1.54E-08	4.76E-09	2.02E-08	3.66E-09	1.22E-09	4.87E-09	2.85E-09	5.86E-10	3.44E-09
1174	624591.99	4265371.63	1.82E-08	6.25E-09	2.44E-08	1.52E-08	4.68E-09	1.99E-08	3.60E-09	1.20E-09	4.80E-09	2.81E-09	5.77E-10	3.38E-09
1175	624582.08	4265371.49	1.79E-08	6.15E-09	2.40E-08	1.49E-08	4.60E-09	1.96E-08	3.54E-09	1.18E-09	4.72E-09	2.76E-09	5.67E-10	3.33E-09
1176	624572.17	4265371.35	1.76E-08	6.04E-09	2.36E-08	1.47E-08	4.52E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.71E-09	5.58E-10	3.27E-09
1177	624562.27	4265371.22	1.73E-08	5.94E-09	2.32E-08	1.44E-08	4.44E-09	1.89E-08	3.42E-09	1.14E-09	4.55E-09	2.66E-09	5.48E-10	3.21E-09
1178	624552.36	4265371.08	1.69E-08	5.82E-09	2.28E-08	1.42E-08	4.36E-09	1.85E-08	3.35E-09	1.12E-09	4.47E-09	2.61E-09	5.38E-10	3.15E-09
1179	624542.45	4265370.94	1.66E-08	5.71E-09	2.23E-08	1.39E-08	4.28E-09	1.82E-08	3.29E-09	1.09E-09	4.38E-09	2.56E-09	5.27E-10	3.09E-09
1180	624532.54	4265370.8	1.63E-08	5.60E-09	2.19E-08	1.36E-08	4.19E-09	1.78E-08	3.22E-09	1.07E-09	4.30E-09	2.51E-09	5.17E-10	3.03E-09
1181	624522.63	4265370.67	1.60E-08	5.49E-09	2.15E-08	1.33E-08	4.11E-09	1.75E-08	3.16E-09	1.05E-09	4.21E-09	2.46E-09	5.07E-10	2.97E-09
1182	624512.72	4265370.53	1.57E-08	5.38E-09	2.10E-08	1.31E-08	4.03E-09	1.71E-08	3.10E-09	1.03E-09	4.13E-09	2.41E-09	4.97E-10	2.91E-09
1183	624502.81	4265370.39	1.53E-08	5.27E-09	2.06E-08	1.28E-08	3.95E-09	1.68E-08	3.04E-09	1.01E-09	4.05E-09	2.37E-09	4.87E-10	2.85E-09
1184	624492.9	4265370.26	1.50E-08	5.17E-09	2.02E-08	1.26E-08	3.87E-09	1.64E-08	2.98E-09	9.90E-10	3.97E-09	2.32E-09	4.77E-10	2.80E-09
1185	624483	4265370.12	1.47E-08	5.06E-09	1.98E-08	1.23E-08	3.79E-09	1.61E-08	2.92E-09	9.70E-10	3.89E-09	2.27E-09	4.67E-10	2.74E-09
1186	624473.09	4265369.98	1.44E-08	4.96E-09	1.94E-08	1.21E-08	3.72E-09	1.58E-08	2.86E-09	9.51E-10	3.81E-09	2.23E-09	4.58E-10	2.69E-09
1187	624463.18	4265369.84	1.41E-08	4.86E-09	1.90E-08	1.18E-08	3.64E-09	1.55E-08	2.80E-09	9.32E-10	3.73E-09	2.18E-09	4.49E-10	2.63E-09
1188	624453.27	4265369.71	1.39E-08	4.77E-09	1.86E-08	1.16E-08	3.57E-09	1.52E-08	2.74E-09	9.13E-10	3.66E-09	2.14E-09	4.40E-10	2.58E-09
1189	624443.36	4265369.57	1.36E-08	4.67E-09	1.83E-08	1.14E-08	3.50E-09	1.49E-08	2.69E-09	8.95E-10	3.58E-09	2.10E-09	4.31E-10	2.53E-09
1190	624433.45	4265369.43	1.33E-08	4.58E-09	1.79E-08	1.11E-08	3.43E-09	1.46E-08	2.64E-09	8.77E-10	3.51E-09	2.05E-09	4.23E-10	2.48E-09
1191	624423.54	4265369.29	1.30E-08	4.49E-09	1.75E-08	1.09E-08	3.36E-09	1.43E-08	2.58E-09	8.60E-10	3.44E-09	2.01E-09	4.14E-10	2.43E-09
1192	624413.63	4265369.16	1.28E-08	4.40E-09	1.72E-08	1.07E-08	3.29E-09	1.40E-08	2.53E-09	8.42E-10	3.37E-09	1.97E-09	4.06E-10	2.38E-09
1193	624403.72	4265369.02	1.25E-08	4.30E-09	1.68E-08	1.05E-08	3.22E-09	1.37E-08	2.48E-09	8.25E-10	3.30E-09	1.93E-09	3.97E-10	2.33E-09
1194	624393.82	4265368.88	1.23E-08	4.21E-09	1.65E-08	1.02E-08	3.16E-09	1.34E-08	2.43E-09	8.08E-10	3.23E-09	1.89E-09	3.89E-10	2.28E-09
1195	624383.91	4265368.74	1.20E-08	4.13E-09	1.61E-08	1.00E-08	3.09E-09	1.31E-08	2.38E-09	7.91E-10	3.17E-09	1.85E-09	3.81E-10	2.23E-09
1196	624374	4265368.61	1.17E-08	4.04E-09	1.58E-08	9.82E-09	3.02E-09	1.28E-08	2.32E-09	7.74E-10	3.10E-09	1.81E-09	3.73E-10	2.19E-09
1197	624364.09	4265368.47	1.15E-08	3.95E-09	1.54E-08	9.61E-09	2.96E-09	1.26E-08	2.28E-09	7.57E-10	3.03E-09	1.77E-09	3.65E-10	2.14E-09
1198	624869.02	4265329.14	1.80E-08	6.20E-09	2.42E-08	1.51E-08	4.64E-09	1.97E-08	3.57E-09	1.19E-09	4.75E-09	2.78E-09	5.72E-10	3.35E-09
1199	624877.82	4265332.93	1.81E-08	6.22E-09	2.43E-08	1.51E-08	4.66E-09	1.98E-08	3.58E-09	1.19E-09	4.77E-09	2.79E-09	5.74E-10	3.36E-09
1200	624886.62	4265336.73	1.81E-08	6.24E-09	2.44E-08	1.52E-08	4.67E-09	1.98E-08	3.59E-09	1.20E-09	4.79E-09	2.80E-09	5.76E-10	3.37E-09
1201	624895.42	4265340.52	1.82E-08	6.25E-09	2.44E-08	1.52E-08	4.68E-09	1.99E-08	3.60E-09	1.20E-09	4.80E-09	2.81E-09	5.77E-10	3.38E-09
1202	624904.22	4265344.32	1.82E-08	6.26E-09	2.45E-08	1.52E-08	4.69E-09	1.99E-08	3.60E-09	1.20E-09	4.80E-09	2.81E-09	5.78E-10	3.39E-09
1203	624913.01	4265348.11	1.82E-08	6.26E-09	2.45E-08	1.52E-08	4.69E-09	1.99E-08	3.60E-09	1.20E-09	4.80E-09	2.81E-09	5.78E-10	3.39E-09
1204	624921.81	4265351.91	1.82E-08	6.26E-09	2.45E-08	1.52E-08	4.69E-09	1.99E-08	3.60E-09	1.20E-09	4.80E-09	2.81E-09	5.78E-10	3.39E-09
1205	624930.61	4265355.7	1.82E-08	6.25E-09	2.44E-08	1.52E-08	4.68E-09	1.99E-08	3.60E-09	1.20E-09	4.79E-09	2.80E-09	5.77E-10	3.38E-09
1206	624939.41	4265359.5	1.81E-08	6.23E-09	2.44E-08	1.51E-08	4.67E-09	1.98E-08	3.59E-09	1.19E-09	4.78E-09	2.80E-09	5.75E-10	3.37E-09
1207	624948.21	4265363.29	1.81E-08	6.21E-09	2.43E-08	1.51E-08	4.65E-09	1.97E-08	3.57E-09	1.19E-09	4.76E-09	2.79E-09	5.73E-10	3.36E-09
1208	624957.01	4265367.09	1.80E-08	6.18E-09	2.41E-08	1.50E-08	4.62E-09	1.96E-08	3.55E-09	1.18E-09	4.74E-09	2.77E-09	5.70E-10	3.34E-09
1209	624965.81	4265370.88	1.78E-08	6.14E-09	2.40E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.18E-09	4.71E-09	2.75E-09	5.66E-10	3.32E-09
1210	624974.6	4265374.68	1.77E-08	6.09E-09	2.38E-08	1.48E-08	4.56E-09	1.94E-08	3.50E-09	1.17E-09	4.67E-09	2.73E-09	5.62E-10	3.29E-09
1211	624983.4	4265378.47	1.75E-08	6.03E-09	2.36E-08	1.47E-08	4.52E-09	1.92E-08	3.47E-09	1.16E-09	4.63E-09	2.71E-09	5.57E-10	3.26E-09
1212	624992.2	4265382.27	1.74E-08	5.97E-09	2.33E-08	1.45E-08	4.47E-09	1.90E-08	3.44E-09	1.14E-09	4.58E-09	2.68E-09	5.51E-10	3.23E-09
1213	625001	4265386.06	1.71E-08	5.90E-09	2.30E-08	1.43E-08	4.41E-09	1.87E-08	3.39E-09	1.13E-09	4.52E-09	2.65E-09	5.44E-10	3.19E-09
1214	625009.8	4265389.86	1.69E-08	5.82E-09	2.27E-08	1.41E-08	4.36E-09	1.85E-08	3.35E-09	1.11E-09	4.46E-09	2.61E-09	5.37E-10	3.15E-09
1215	625018.6	4265393.65	1.67E-08	5.74E-09	2.24E-08	1.39E-08	4.29E-09	1.82E-08	3.30E-09	1.10E-09	4.40E-09	2.57E-09	5.29E-10	3.10E-09
1216	625027.39	4265397.45	1.64E-08	5.65E-09	2.21E-08	1.37E-08	4.23E-09	1.80E-08	3.25E-09	1.08E-09	4.33E-09	2.53E-09	5.21E-10	3.05E-09
1217	625036.19	4265401.24	1.61E-08	5.55E-09	2.17E-08	1.35E-08	4.16E-09	1.77E-08	3.20E-09	1.06E-09	4.26E-09	2.49E-09	5.12E-10	3.00E-09
1218	625044.99	4265405.04	1.59E-08	5.46E-09	2.13E-08	1.33E-08	4.08E-09	1.73E-08	3.14E-09	1.05E-09	4.19E-09	2.45E-09	5.03E-10	2.95E-09
1219	625053.79	4265408.83	1.56E-08	5.36E-09	2.09E-08	1.30E-08	4.01E-09	1.70E-08	3.08E-09	1.03E-09	4.11E-09	2.40E-09	4.94E-10	2.90E-09
1220	625062.59	4265412.63	1.53E-08	5.25E-09	2.05E-08	1.28E-08	3.93E-09	1.67E-08	3.02E-09	1.01E-09	4.03E-09	2.36E-09	4.85E-10	2.84E-09
1221	625071.39	4265416.42	1.50E-08	5.15E-09	2.01E-08	1.25E-08	3.86E-09	1.64E-08	2.96E-09	9.87E-10	3.95E-09	2.31E-09	4.75E-10	2.79E-09
1222	625080.19	4265420.22	1.47E-08	5.05E-09	1.97E-08	1.23E-08	3.78E-09	1.60E-08	2.90E-09	9.67E-10	3.87E-09	2.26E-09	4.66E-10	2.73E-09
1223	625088.98	4265424.01	1.44E-08	4.94E-09	1.93E-08	1.20E-08	3.70E-09	1.57E-08	2.85E-09	9.47E-10	3.79E-09	2.22E-09	4.56E-10	2.67E-09
1224	625097.78	4265427.81	1.41E-08	4.84E-09	1.89E-08	1.18E-08	3.62E-09	1.54E-08	2.79E-09	9.27E-10	3.71E-09	2.17E-09	4.47E-10	2.62E-09
1225	625110.11	4265440.51	1.38E-08	4.73E-09	1.85E-08	1.15E-08	3.54E-09	1.50E-08	2.72E-09	9.06E-10	3.63E-09	2.12E-09	4.36E-10	2.56E-09
1226	625113.63	4265449.42	1.37E-08	4.72E-09	1.84E-08	1.15E-08	3.53E-09	1.50E-08	2.72E-09	9.04E-10	3.62E-09	2.12E-09	4.36E-10	2.55E-09
1227	625117.16	4265458.33	1.37E-08	4.71E-09	1.84E-08	1.14E-08	3.52E-09	1.50E-08	2.71E-09	9.02E-10	3.61E-09	2.11E-09	4.34E-10	2.55E-09
1228	625120.69	4265467.24	1.36E-08	4.69E-09	1.83E-08	1.14E-08	3.51E-09	1.49E-08	2.70E-09	8.99E-10	3.60E-09	2.11E-09	4.33E-10	2.54E-09
1229	625124.21	4265476.15	1.36E-08	4.68E-09	1.83E-08	1.14E-08	3.50E-09	1.49E-08	2.69E-09	8.96E-10	3.59E-09	2.10E-09	4.31E-10	2.53E-09
1230	625127.74	4265485.06	1.35E-08	4.66E-09	1.82E-08	1.13E-08	3.49E-09	1.48E-08	2.68E-09	8.92E-10	3.57E-09	2.09E-09	4.30E-10	2.52E-09
1231	625131.27	4265493.97	1.35E-08	4.64E-09	1.81E-08	1.13E-08	3.47E-09	1.47E-08	2.67E-09	8.89E-10	3.56E-09	2.08E-09	4.28E-10	2.51E-09
1232	625134.79	4265502.88	1.34E-08	4.62E-09	1.80E-08	1.12E-08	3.46E-09	1.47E-08	2.66E-09	8.84E-10	3.54E-09	2.07E-09	4.26E-10	2.50E-09
1233	625138.32	4265511.79	1.34E-08	4.59E-09	1.79E-08	1.12E-08	3.44E-09	1.46E-08	2.64E-09	8.80E-10	3.52E-09	2.06E-09	4.24E-10	2.48E-09
1234	625141.85	4265520.7	1.33E-08	4.57E-09	1.78E-08	1.11E-08	3.42E-09	1.45E-08	2.63E-09	8.75E-10	3.50E-09	2.05E-09	4.21E-10	2.47E-09
1235	625145.37	4265529.61	1.32E-08	4.54E-09	1.77E-08	1.10E-08	3.40E-09	1.44E-08	2.61E-09	8.69E-10	3.48E-09	2.04E-09	4.19E-10	2.46E-09
1236	625148.9	4265538.52	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.38E-09	1.43E-08	2.60E-09	8.64E-10	3.46E-09	2.02E-09	4.16E-10	2.44E-09
1237	625152.43	4265547.43	1.30E-08	4.48E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.58E-09	8.58E-10	3.43E-09	2.01E-09	4.13E-10	2.42E-09
1238	625155.95	4265556.34	1.29E-08	4.44E-09	1.74E-08	1.08E-08	3.33E-09	1.41E-08	2.56E-09	8.51E-10	3.41E-09	1.99E-09	4.10E-10	2.40E-09

1239	625159.48	4265565.25	1.28E-08	4.41E-09	1.72E-08	1.07E-08	3.30E-09	1.40E-08	2.54E-09	8.45E-10	3.38E-09	1.98E-09	4.07E-10	2.39E-09
1240	625163.01	4265574.16	1.27E-08	4.37E-09	1.71E-08	1.06E-08	3.27E-09	1.39E-08	2.52E-09	8.38E-10	3.35E-09	1.96E-09	4.03E-10	2.37E-09
1241	625166.53	4265583.07	1.26E-08	4.33E-09	1.69E-08	1.05E-08	3.24E-09	1.38E-08	2.49E-09	8.30E-10	3.32E-09	1.94E-09	4.00E-10	2.34E-09
1242	625170.06	4265591.98	1.25E-08	4.29E-09	1.68E-08	1.04E-08	3.21E-09	1.37E-08	2.47E-09	8.23E-10	3.29E-09	1.93E-09	3.96E-10	2.32E-09
1243	625173.58	4265600.89	1.24E-08	4.25E-09	1.66E-08	1.03E-08	3.18E-09	1.35E-08	2.45E-09	8.15E-10	3.26E-09	1.91E-09	3.92E-10	2.30E-09
1244	625177.11	4265609.8	1.22E-08	4.21E-09	1.64E-08	1.02E-08	3.15E-09	1.34E-08	2.42E-09	8.06E-10	3.23E-09	1.89E-09	3.88E-10	2.28E-09
1245	625180.64	4265618.7	1.21E-08	4.16E-09	1.63E-08	1.01E-08	3.12E-09	1.32E-08	2.40E-09	7.98E-10	3.19E-09	1.87E-09	3.84E-10	2.25E-09
1246	625184.16	4265627.61	1.20E-08	4.12E-09	1.61E-08	1.00E-08	3.08E-09	1.31E-08	2.37E-09	7.89E-10	3.16E-09	1.85E-09	3.80E-10	2.23E-09
1247	625187.69	4265636.52	1.18E-08	4.07E-09	1.59E-08	9.89E-09	3.05E-09	1.29E-08	2.34E-09	7.79E-10	3.12E-09	1.83E-09	3.75E-10	2.20E-09
1248	625191.22	4265645.43	1.17E-08	4.02E-09	1.57E-08	9.77E-09	3.01E-09	1.28E-08	2.31E-09	7.70E-10	3.08E-09	1.80E-09	3.71E-10	2.17E-09
1249	625194.74	4265654.34	1.15E-08	3.97E-09	1.55E-08	9.64E-09	2.97E-09	1.26E-08	2.28E-09	7.60E-10	3.04E-09	1.78E-09	3.66E-10	2.15E-09
1250	625198.27	4265663.25	1.14E-08	3.91E-09	1.53E-08	9.52E-09	2.93E-09	1.24E-08	2.25E-09	7.50E-10	3.00E-09	1.76E-09	3.61E-10	2.12E-09
1251	625201.8	4265672.16	1.12E-08	3.86E-09	1.51E-08	9.39E-09	2.89E-09	1.23E-08	2.22E-09	7.40E-10	2.96E-09	1.73E-09	3.56E-10	2.09E-09
1252	624860.22	4265325.34	1.79E-08	6.17E-09	2.41E-08	1.50E-08	4.62E-09	1.96E-08	3.55E-09	1.18E-09	4.73E-09	2.77E-09	5.69E-10	3.34E-09
1253	624850.31	4265325.21	1.80E-08	6.20E-09	2.42E-08	1.51E-08	4.64E-09	1.97E-08	3.57E-09	1.19E-09	4.76E-09	2.78E-09	5.72E-10	3.36E-09
1254	624840.41	4265325.07	1.81E-08	6.23E-09	2.44E-08	1.52E-08	4.67E-09	1.98E-08	3.59E-09	1.19E-09	4.78E-09	2.80E-09	5.75E-10	3.37E-09
1255	624830.5	4265324.93	1.82E-08	6.26E-09	2.45E-08	1.52E-08	4.69E-09	1.99E-08	3.60E-09	1.20E-09	4.80E-09	2.81E-09	5.78E-10	3.39E-09
1256	624820.59	4265324.79	1.83E-08	6.28E-09	2.46E-08	1.53E-08	4.70E-09	2.00E-08	3.62E-09	1.20E-09	4.82E-09	2.82E-09	5.80E-10	3.40E-09
1257	624810.68	4265324.66	1.83E-08	6.30E-09	2.46E-08	1.53E-08	4.72E-09	2.00E-08	3.63E-09	1.21E-09	4.83E-09	2.83E-09	5.82E-10	3.41E-09
1258	624800.77	4265324.52	1.84E-08	6.31E-09	2.47E-08	1.53E-08	4.73E-09	2.01E-08	3.63E-09	1.21E-09	4.84E-09	2.83E-09	5.83E-10	3.42E-09
1259	624790.86	4265324.38	1.84E-08	6.32E-09	2.47E-08	1.54E-08	4.73E-09	2.01E-08	3.64E-09	1.21E-09	4.85E-09	2.84E-09	5.83E-10	3.42E-09
1260	624780.95	4265324.24	1.84E-08	6.32E-09	2.47E-08	1.54E-08	4.73E-09	2.01E-08	3.64E-09	1.21E-09	4.85E-09	2.83E-09	5.83E-10	3.42E-09
1261	624771.04	4265324.11	1.83E-08	6.31E-09	2.46E-08	1.53E-08	4.72E-09	2.01E-08	3.63E-09	1.21E-09	4.84E-09	2.83E-09	5.82E-10	3.41E-09
1262	624761.13	4265323.97	1.83E-08	6.29E-09	2.46E-08	1.53E-08	4.71E-09	2.00E-08	3.62E-09	1.21E-09	4.83E-09	2.82E-09	5.80E-10	3.40E-09
1263	624751.23	4265323.83	1.82E-08	6.26E-09	2.45E-08	1.52E-08	4.69E-09	1.99E-08	3.61E-09	1.20E-09	4.81E-09	2.81E-09	5.78E-10	3.39E-09
1264	624741.32	4265323.69	1.81E-08	6.23E-09	2.44E-08	1.51E-08	4.67E-09	1.98E-08	3.59E-09	1.19E-09	4.78E-09	2.80E-09	5.75E-10	3.37E-09
1265	624731.41	4265323.56	1.80E-08	6.19E-09	2.42E-08	1.50E-08	4.63E-09	1.97E-08	3.56E-09	1.19E-09	4.75E-09	2.78E-09	5.71E-10	3.35E-09
1266	624721.5	4265323.42	1.79E-08	6.14E-09	2.40E-08	1.49E-08	4.60E-09	1.95E-08	3.53E-09	1.18E-09	4.71E-09	2.75E-09	5.67E-10	3.32E-09
1267	624711.59	4265323.28	1.77E-08	6.08E-09	2.38E-08	1.48E-08	4.56E-09	1.93E-08	3.50E-09	1.17E-09	4.67E-09	2.73E-09	5.62E-10	3.29E-09
1268	624701.68	4265323.15	1.75E-08	6.03E-09	2.36E-08	1.46E-08	4.51E-09	1.92E-08	3.47E-09	1.15E-09	4.62E-09	2.70E-09	5.56E-10	3.26E-09
1269	624691.77	4265323.01	1.73E-08	5.96E-09	2.33E-08	1.45E-08	4.47E-09	1.90E-08	3.43E-09	1.14E-09	4.58E-09	2.68E-09	5.50E-10	3.23E-09
1270	624681.86	4265322.87	1.72E-08	5.90E-09	2.31E-08	1.43E-08	4.42E-09	1.88E-08	3.40E-09	1.13E-09	4.53E-09	2.65E-09	5.44E-10	3.19E-09
1271	624671.96	4265322.73	1.70E-08	5.83E-09	2.28E-08	1.42E-08	4.36E-09	1.85E-08	3.36E-09	1.12E-09	4.47E-09	2.62E-09	5.38E-10	3.15E-09
1272	624662.05	4265322.6	1.67E-08	5.76E-09	2.25E-08	1.40E-08	4.31E-09	1.83E-08	3.32E-09	1.10E-09	4.42E-09	2.58E-09	5.32E-10	3.12E-09
1273	624652.14	4265322.46	1.65E-08	5.69E-09	2.22E-08	1.38E-08	4.26E-09	1.81E-08	3.27E-09	1.09E-09	4.36E-09	2.55E-09	5.25E-10	3.08E-09
1274	624642.23	4265322.32	1.63E-08	5.61E-09	2.19E-08	1.36E-08	4.20E-09	1.78E-08	3.23E-09	1.08E-09	4.31E-09	2.52E-09	5.18E-10	3.04E-09
1275	624632.32	4265322.18	1.61E-08	5.54E-09	2.16E-08	1.35E-08	4.15E-09	1.76E-08	3.19E-09	1.06E-09	4.25E-09	2.48E-09	5.11E-10	3.00E-09
1276	624622.41	4265322.05	1.59E-08	5.46E-09	2.13E-08	1.33E-08	4.09E-09	1.74E-08	3.14E-09	1.05E-09	4.19E-09	2.45E-09	5.04E-10	2.95E-09
1277	624612.5	4265321.91	1.56E-08	5.38E-09	2.10E-08	1.31E-08	4.03E-09	1.71E-08	3.10E-09	1.03E-09	4.13E-09	2.41E-09	4.97E-10	2.91E-09
1278	624602.59	4265321.77	1.54E-08	5.30E-09	2.07E-08	1.29E-08	3.97E-09	1.69E-08	3.05E-09	1.02E-09	4.07E-09	2.38E-09	4.89E-10	2.87E-09
1279	624592.69	4265321.63	1.52E-08	5.22E-09	2.04E-08	1.27E-08	3.91E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.34E-09	4.82E-10	2.83E-09
1280	624582.78	4265321.5	1.50E-08	5.14E-09	2.01E-08	1.25E-08	3.85E-09	1.63E-08	2.96E-09	9.85E-10	3.94E-09	2.31E-09	4.75E-10	2.78E-09
1281	624572.87	4265321.36	1.47E-08	5.06E-09	1.98E-08	1.23E-08	3.79E-09	1.61E-08	2.91E-09	9.69E-10	3.88E-09	2.27E-09	4.67E-10	2.74E-09
1282	624562.96	4265321.22	1.45E-08	4.98E-09	1.95E-08	1.21E-08	3.73E-09	1.58E-08	2.87E-09	9.54E-10	3.82E-09	2.23E-09	4.59E-10	2.69E-09
1283	624553.05	4265321.08	1.42E-08	4.90E-09	1.91E-08	1.19E-08	3.67E-09	1.56E-08	2.82E-09	9.38E-10	3.76E-09	2.20E-09	4.52E-10	2.65E-09
1284	624543.14	4265320.95	1.40E-08	4.82E-09	1.88E-08	1.17E-08	3.61E-09	1.53E-08	2.77E-09	9.23E-10	3.69E-09	2.16E-09	4.44E-10	2.61E-09
1285	624533.23	4265320.81	1.38E-08	4.74E-09	1.85E-08	1.15E-08	3.55E-09	1.51E-08	2.73E-09	9.07E-10	3.63E-09	2.12E-09	4.37E-10	2.56E-09
1286	624523.32	4265320.67	1.35E-08	4.65E-09	1.82E-08	1.13E-08	3.48E-09	1.48E-08	2.68E-09	8.92E-10	3.57E-09	2.09E-09	4.30E-10	2.52E-09
1287	624513.41	4265320.53	1.33E-08	4.57E-09	1.79E-08	1.11E-08	3.42E-09	1.45E-08	2.63E-09	8.76E-10	3.51E-09	2.05E-09	4.22E-10	2.47E-09
1288	624503.51	4265320.4	1.31E-08	4.50E-09	1.76E-08	1.09E-08	3.37E-09	1.43E-08	2.59E-09	8.61E-10	3.45E-09	2.02E-09	4.15E-10	2.43E-09
1289	624493.6	4265320.26	1.29E-08	4.42E-09	1.73E-08	1.07E-08	3.31E-09	1.41E-08	2.54E-09	8.47E-10	3.39E-09	1.98E-09	4.08E-10	2.39E-09
1290	624483.69	4265320.12	1.26E-08	4.34E-09	1.70E-08	1.06E-08	3.25E-09	1.38E-08	2.50E-09	8.32E-10	3.33E-09	1.95E-09	4.01E-10	2.35E-09
1291	624473.78	4265319.99	1.24E-08	4.27E-09	1.67E-08	1.04E-08	3.20E-09	1.36E-08	2.46E-09	8.18E-10	3.28E-09	1.92E-09	3.94E-10	2.31E-09
1292	624463.87	4265319.85	1.22E-08	4.20E-09	1.64E-08	1.02E-08	3.14E-09	1.34E-08	2.42E-09	8.05E-10	3.22E-09	1.88E-09	3.88E-10	2.27E-09
1293	624453.96	4265319.71	1.20E-08	4.13E-09	1.61E-08	1.00E-08	3.09E-09	1.31E-08	2.38E-09	7.91E-10	3.17E-09	1.85E-09	3.81E-10	2.23E-09
1294	624444.05	4265319.57	1.18E-08	4.06E-09	1.59E-08	9.86E-09	3.04E-09	1.29E-08	2.34E-09	7.78E-10	3.11E-09	1.82E-09	3.75E-10	2.20E-09
1295	624434.14	4265319.44	1.16E-08	3.99E-09	1.56E-08	9.70E-09	2.99E-09	1.27E-08	2.30E-09	7.64E-10	3.06E-09	1.79E-09	3.68E-10	2.16E-09
1296	624424.24	4265319.3	1.14E-08	3.92E-09	1.53E-08	9.53E-09	2.93E-09	1.25E-08	2.26E-09	7.51E-10	3.01E-09	1.76E-09	3.62E-10	2.12E-09
1297	624414.33	4265319.16	1.12E-08	3.85E-09	1.50E-08	9.36E-09	2.88E-09	1.22E-08	2.22E-09	7.37E-10	2.95E-09	1.73E-09	3.55E-10	2.08E-09
1298	624404.42	4265319.02	1.10E-08	3.78E-09	1.48E-08	9.19E-09	2.83E-09	1.20E-08	2.18E-09	7.24E-10	2.90E-09	1.70E-09	3.49E-10	2.04E-09
1299	624394.51	4265318.89	1.08E-08	3.71E-09	1.45E-08	9.02E-09	2.78E-09	1.18E-08	2.14E-09	7.11E-10	2.85E-09	1.66E-09	3.42E-10	2.01E-09
1300	624384.6	4265318.75	1.06E-08	3.64E-09	1.42E-08	8.85E-09	2.73E-09	1.16E-08	2.10E-09	6.98E-10	2.79E-09	1.63E-09	3.36E-10	1.97E-09
1301	624374.69	4265318.61	1.04E-08	3.57E-09	1.40E-08	8.69E-09	2.68E-09	1.14E-08	2.06E-09	6.85E-10	2.74E-09	1.60E-09	3.30E-10	1.93E-09
1302	624364.78	4265318.47	1.02E-08	3.51E-09	1.37E-08	8.52E-09	2.63E-09	1.11E-08	2.02E-09	6.72E-10	2.69E-09	1.57E-09	3.24E-10	1.90E-09
1303	624870	4265279.27	1.58E-08	5.45E-09	2.13E-08	1.32E-08	4.08E-09	1.73E-08	3.14E-09	1.04E-09	4.18E-09	2.44E-09	5.03E-10	2.95E-09
1304	624879.08	4265283.18	1.59E-08	5.47E-09	2.14E-08	1.33E-08	4.10E-09	1.74E-08	3.15E-09	1.05E-09	4.20E-09	2.46E-09	5.05E-10	2.96E-09
1305	624888.16	4265287.1	1.60E-08	5.50E-09	2.15E-08	1.34E-08	4.12E-09	1.75E-08	3.16E-09	1.05E-09	4.22E-09	2.47E-09	5.07E-10	2.97E-09
1306	624897.25	4265291.02	1.60E-08	5.52E-09	2.16E-08	1.34E-08	4.13E-09	1.75E-08	3.18E-09	1.06E-09	4.23E-09	2.48E-09	5.09E-10	2.98E-09
1307	624906.33	4265294.94	1.61E-08	5.53E-09	2.16E-08	1.34E-08	4.14E-09	1.76E-08	3.18E-09	1.06E-09	4.24E-09	2.48E-09	5.11E-10	2.99E-09

1308	624915.41	4265298.85	1.61E-08	5.54E-09	2.17E-08	1.35E-08	4.15E-09	1.76E-08	3.19E-09	1.06E-09	4.25E-09	2.49E-09	5.12E-10	3.00E-09
1309	624924.49	4265302.77	1.61E-08	5.55E-09	2.17E-08	1.35E-08	4.16E-09	1.76E-08	3.19E-09	1.06E-09	4.26E-09	2.49E-09	5.12E-10	3.00E-09
1310	624933.57	4265306.69	1.61E-08	5.55E-09	2.17E-08	1.35E-08	4.16E-09	1.77E-08	3.20E-09	1.06E-09	4.26E-09	2.49E-09	5.12E-10	3.00E-09
1311	624942.66	4265310.61	1.61E-08	5.55E-09	2.17E-08	1.35E-08	4.15E-09	1.76E-08	3.19E-09	1.06E-09	4.26E-09	2.49E-09	5.12E-10	3.00E-09
1312	624951.74	4265314.52	1.61E-08	5.54E-09	2.16E-08	1.35E-08	4.15E-09	1.76E-08	3.19E-09	1.06E-09	4.25E-09	2.49E-09	5.11E-10	3.00E-09
1313	624960.82	4265318.44	1.61E-08	5.52E-09	2.16E-08	1.34E-08	4.14E-09	1.76E-08	3.18E-09	1.06E-09	4.24E-09	2.48E-09	5.10E-10	2.99E-09
1314	624969.9	4265322.36	1.60E-08	5.50E-09	2.15E-08	1.34E-08	4.12E-09	1.75E-08	3.17E-09	1.05E-09	4.22E-09	2.47E-09	5.08E-10	2.98E-09
1315	624978.99	4265326.27	1.59E-08	5.47E-09	2.14E-08	1.33E-08	4.10E-09	1.74E-08	3.15E-09	1.05E-09	4.20E-09	2.46E-09	5.05E-10	2.96E-09
1316	624988.07	4265330.19	1.58E-08	5.44E-09	2.13E-08	1.32E-08	4.07E-09	1.73E-08	3.13E-09	1.04E-09	4.17E-09	2.44E-09	5.02E-10	2.94E-09
1317	624997.15	4265334.11	1.57E-08	5.40E-09	2.11E-08	1.31E-08	4.04E-09	1.72E-08	3.11E-09	1.03E-09	4.14E-09	2.42E-09	4.98E-10	2.92E-09
1318	625006.23	4265338.03	1.56E-08	5.35E-09	2.09E-08	1.30E-08	4.00E-09	1.70E-08	3.08E-09	1.02E-09	4.10E-09	2.40E-09	4.94E-10	2.89E-09
1319	625015.32	4265341.94	1.54E-08	5.29E-09	2.07E-08	1.29E-08	3.96E-09	1.68E-08	3.05E-09	1.01E-09	4.06E-09	2.38E-09	4.89E-10	2.86E-09
1320	625024.4	4265345.86	1.52E-08	5.23E-09	2.04E-08	1.27E-08	3.92E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.35E-09	4.83E-10	2.83E-09
1321	625033.48	4265349.78	1.50E-08	5.17E-09	2.02E-08	1.26E-08	3.87E-09	1.64E-08	2.97E-09	9.90E-10	3.96E-09	2.32E-09	4.77E-10	2.79E-09
1322	625042.56	4265353.7	1.48E-08	5.09E-09	1.99E-08	1.24E-08	3.81E-09	1.62E-08	2.93E-09	9.76E-10	3.91E-09	2.29E-09	4.70E-10	2.76E-09
1323	625051.65	4265357.61	1.46E-08	5.02E-09	1.96E-08	1.22E-08	3.76E-09	1.60E-08	2.89E-09	9.61E-10	3.85E-09	2.25E-09	4.63E-10	2.71E-09
1324	625060.73	4265361.53	1.44E-08	4.94E-09	1.93E-08	1.20E-08	3.70E-09	1.57E-08	2.84E-09	9.46E-10	3.79E-09	2.22E-09	4.56E-10	2.67E-09
1325	625069.81	4265365.45	1.41E-08	4.86E-09	1.90E-08	1.18E-08	3.64E-09	1.54E-08	2.80E-09	9.30E-10	3.73E-09	2.18E-09	4.48E-10	2.63E-09
1326	625078.89	4265369.37	1.39E-08	4.77E-09	1.86E-08	1.16E-08	3.57E-09	1.52E-08	2.75E-09	9.14E-10	3.66E-09	2.14E-09	4.40E-10	2.58E-09
1327	625087.97	4265373.28	1.36E-08	4.68E-09	1.83E-08	1.14E-08	3.51E-09	1.49E-08	2.70E-09	8.97E-10	3.59E-09	2.10E-09	4.32E-10	2.53E-09
1328	625097.06	4265377.2	1.34E-08	4.59E-09	1.80E-08	1.12E-08	3.44E-09	1.46E-08	2.64E-09	8.80E-10	3.52E-09	2.06E-09	4.24E-10	2.49E-09
1329	625106.14	4265381.12	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.37E-09	1.43E-08	2.59E-09	8.63E-10	3.46E-09	2.02E-09	4.16E-10	2.44E-09
1330	625115.22	4265385.04	1.28E-08	4.42E-09	1.73E-08	1.07E-08	3.31E-09	1.40E-08	2.54E-09	8.46E-10	3.39E-09	1.98E-09	4.08E-10	2.39E-09
1331	625124.3	4265388.95	1.26E-08	4.33E-09	1.69E-08	1.05E-08	3.24E-09	1.38E-08	2.49E-09	8.29E-10	3.32E-09	1.94E-09	3.99E-10	2.34E-09
1332	625133.39	4265392.87	1.23E-08	4.24E-09	1.66E-08	1.03E-08	3.17E-09	1.35E-08	2.44E-09	8.12E-10	3.25E-09	1.90E-09	3.91E-10	2.29E-09
1333	625146.11	4265405.99	1.20E-08	4.14E-09	1.62E-08	1.01E-08	3.10E-09	1.32E-08	2.38E-09	7.94E-10	3.18E-09	1.86E-09	3.82E-10	2.24E-09
1334	625149.75	4265415.18	1.20E-08	4.13E-09	1.61E-08	1.00E-08	3.09E-09	1.31E-08	2.38E-09	7.92E-10	3.17E-09	1.85E-09	3.81E-10	2.24E-09
1335	625153.39	4265424.38	1.20E-08	4.12E-09	1.61E-08	1.00E-08	3.09E-09	1.31E-08	2.37E-09	7.90E-10	3.16E-09	1.85E-09	3.80E-10	2.23E-09
1336	625157.03	4265433.58	1.19E-08	4.11E-09	1.61E-08	9.98E-09	3.08E-09	1.31E-08	2.36E-09	7.87E-10	3.15E-09	1.84E-09	3.79E-10	2.22E-09
1337	625160.67	4265442.77	1.19E-08	4.09E-09	1.60E-08	9.95E-09	3.06E-09	1.30E-08	2.36E-09	7.84E-10	3.14E-09	1.84E-09	3.78E-10	2.21E-09
1338	625164.31	4265451.97	1.19E-08	4.08E-09	1.59E-08	9.91E-09	3.05E-09	1.30E-08	2.35E-09	7.81E-10	3.13E-09	1.83E-09	3.76E-10	2.21E-09
1339	625167.95	4265461.17	1.18E-08	4.06E-09	1.59E-08	9.87E-09	3.04E-09	1.29E-08	2.34E-09	7.78E-10	3.12E-09	1.82E-09	3.75E-10	2.20E-09
1340	625171.59	4265470.36	1.18E-08	4.04E-09	1.58E-08	9.82E-09	3.03E-09	1.29E-08	2.33E-09	7.74E-10	3.10E-09	1.81E-09	3.73E-10	2.19E-09
1341	625175.23	4265479.56	1.17E-08	4.02E-09	1.57E-08	9.78E-09	3.01E-09	1.28E-08	2.32E-09	7.71E-10	3.09E-09	1.80E-09	3.71E-10	2.18E-09
1342	625178.87	4265488.76	1.16E-08	4.00E-09	1.56E-08	9.72E-09	3.00E-09	1.27E-08	2.30E-09	7.67E-10	3.07E-09	1.80E-09	3.69E-10	2.16E-09
1343	625182.51	4265497.96	1.16E-08	3.98E-09	1.55E-08	9.67E-09	2.98E-09	1.26E-08	2.29E-09	7.62E-10	3.05E-09	1.79E-09	3.67E-10	2.15E-09
1344	625186.15	4265507.15	1.15E-08	3.95E-09	1.55E-08	9.61E-09	2.96E-09	1.26E-08	2.28E-09	7.58E-10	3.03E-09	1.77E-09	3.65E-10	2.14E-09
1345	625189.79	4265516.35	1.14E-08	3.93E-09	1.54E-08	9.55E-09	2.94E-09	1.25E-08	2.26E-09	7.53E-10	3.01E-09	1.76E-09	3.63E-10	2.13E-09
1346	625193.43	4265525.55	1.14E-08	3.90E-09	1.53E-08	9.49E-09	2.92E-09	1.24E-08	2.25E-09	7.48E-10	2.99E-09	1.75E-09	3.60E-10	2.11E-09
1347	625197.07	4265534.74	1.13E-08	3.88E-09	1.51E-08	9.42E-09	2.90E-09	1.23E-08	2.23E-09	7.43E-10	2.97E-09	1.74E-09	3.58E-10	2.10E-09
1348	625200.71	4265543.94	1.12E-08	3.85E-09	1.50E-08	9.35E-09	2.88E-09	1.22E-08	2.21E-09	7.37E-10	2.95E-09	1.73E-09	3.55E-10	2.08E-09
1349	625204.35	4265553.14	1.11E-08	3.82E-09	1.49E-08	9.28E-09	2.86E-09	1.21E-08	2.20E-09	7.31E-10	2.93E-09	1.71E-09	3.52E-10	2.06E-09
1350	625207.99	4265562.33	1.10E-08	3.79E-09	1.48E-08	9.20E-09	2.83E-09	1.20E-08	2.18E-09	7.25E-10	2.90E-09	1.70E-09	3.49E-10	2.05E-09
1351	625211.63	4265571.53	1.09E-08	3.75E-09	1.47E-08	9.12E-09	2.81E-09	1.19E-08	2.16E-09	7.19E-10	2.88E-09	1.68E-09	3.46E-10	2.03E-09
1352	625215.27	4265580.73	1.08E-08	3.72E-09	1.45E-08	9.04E-09	2.78E-09	1.18E-08	2.14E-09	7.13E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
1353	625218.91	4265589.92	1.07E-08	3.68E-09	1.44E-08	8.95E-09	2.76E-09	1.17E-08	2.12E-09	7.06E-10	2.83E-09	1.65E-09	3.40E-10	1.99E-09
1354	625222.55	4265599.12	1.06E-08	3.65E-09	1.43E-08	8.87E-09	2.73E-09	1.16E-08	2.10E-09	6.99E-10	2.80E-09	1.64E-09	3.37E-10	1.97E-09
1355	625226.19	4265608.32	1.05E-08	3.61E-09	1.41E-08	8.77E-09	2.70E-09	1.15E-08	2.08E-09	6.92E-10	2.77E-09	1.62E-09	3.33E-10	1.95E-09
1356	625229.83	4265617.52	1.04E-08	3.57E-09	1.40E-08	8.68E-09	2.67E-09	1.14E-08	2.06E-09	6.84E-10	2.74E-09	1.60E-09	3.30E-10	1.93E-09
1357	625233.47	4265626.71	1.03E-08	3.53E-09	1.38E-08	8.58E-09	2.64E-09	1.12E-08	2.03E-09	6.76E-10	2.71E-09	1.58E-09	3.26E-10	1.91E-09
1358	625237.11	4265635.91	1.01E-08	3.49E-09	1.36E-08	8.48E-09	2.61E-09	1.11E-08	2.01E-09	6.68E-10	2.68E-09	1.57E-09	3.22E-10	1.89E-09
1359	625240.75	4265645.11	1.00E-08	3.45E-09	1.35E-08	8.37E-09	2.58E-09	1.10E-08	1.98E-09	6.60E-10	2.64E-09	1.55E-09	3.18E-10	1.86E-09
1360	625244.4	4265654.3	9.89E-09	3.40E-09	1.33E-08	8.27E-09	2.55E-09	1.08E-08	1.96E-09	6.52E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
1361	625248.04	4265663.5	9.76E-09	3.36E-09	1.31E-08	8.16E-09	2.51E-09	1.07E-08	1.93E-09	6.43E-10	2.57E-09	1.51E-09	3.10E-10	1.82E-09
1362	625251.68	4265672.7	9.62E-09	3.31E-09	1.29E-08	8.04E-09	2.48E-09	1.05E-08	1.90E-09	6.34E-10	2.54E-09	1.48E-09	3.05E-10	1.79E-09
1363	624860.92	4265275.35	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.00E-10	2.93E-09
1364	624851.01	4265275.21	1.58E-08	5.43E-09	2.12E-08	1.32E-08	4.07E-09	1.73E-08	3.13E-09	1.04E-09	4.17E-09	2.44E-09	5.02E-10	2.94E-09
1365	624841.1	4265275.07	1.58E-08	5.45E-09	2.13E-08	1.32E-08	4.08E-09	1.73E-08	3.14E-09	1.04E-09	4.18E-09	2.45E-09	5.03E-10	2.95E-09
1366	624831.19	4265274.94	1.59E-08	5.46E-09	2.13E-08	1.33E-08	4.09E-09	1.74E-08	3.14E-09	1.05E-09	4.19E-09	2.45E-09	5.04E-10	2.95E-09
1367	624821.28	4265274.8	1.59E-08	5.47E-09	2.14E-08	1.33E-08	4.10E-09	1.74E-08	3.15E-09	1.05E-09	4.20E-09	2.45E-09	5.05E-10	2.96E-09
1368	624811.37	4265274.66	1.59E-08	5.48E-09	2.14E-08	1.33E-08	4.10E-09	1.74E-08	3.15E-09	1.05E-09	4.20E-09	2.46E-09	5.05E-10	2.96E-09
1369	624801.46	4265274.52	1.59E-08	5.48E-09	2.14E-08	1.33E-08	4.10E-09	1.74E-08	3.15E-09	1.05E-09	4.20E-09	2.46E-09	5.05E-10	2.96E-09
1370	624791.55	4265274.39	1.59E-08	5.47E-09	2.14E-08	1.33E-08	4.10E-09	1.74E-08	3.15E-09	1.05E-09	4.20E-09	2.46E-09	5.05E-10	2.96E-09
1371	624781.65	4265274.25	1.59E-08	5.46E-09	2.13E-08	1.33E-08	4.09E-09	1.74E-08	3.14E-09	1.05E-09	4.19E-09	2.45E-09	5.04E-10	2.95E-09
1372	624771.74	4265274.11	1.58E-08	5.44E-09	2.13E-08	1.32E-08	4.08E-09	1.73E-08	3.13E-09	1.04E-09	4.18E-09	2.44E-09	5.02E-10	2.95E-09
1373	624761.83	4265273.97	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.00E-10	2.93E-09
1374	624751.92	4265273.84	1.57E-08	5.39E-09	2.11E-08	1.31E-08	4.04E-09	1.71E-08	3.10E-09	1.03E-09	4.14E-09	2.42E-09	4.98E-10	2.92E-09
1375	624742.01	4265273.7	1.56E-08	5.36E-09	2.09E-08	1.30E-08	4.01E-09	1.70E-08	3.08E-09	1.03E-09	4.11E-09	2.40E-09	4.94E-10	2.90E-09
1376	624732.1	4265273.56	1.55E-08	5.31E-09	2.08E-08	1.29E-08	3.98E-09	1.69E-08	3.06E-09	1.02E-09	4.08E-09	2.38E-09	4.90E-10	2.88E-09

1377	624722.19	4265273.42	1.53E-08	5.27E-09	2.06E-08	1.28E-08	3.94E-09	1.67E-08	3.03E-09	1.01E-09	4.04E-09	2.36E-09	4.86E-10	2.85E-09
1378	624712.28	4265273.29	1.52E-08	5.21E-09	2.04E-08	1.27E-08	3.90E-09	1.66E-08	3.00E-09	9.99E-10	4.00E-09	2.34E-09	4.81E-10	2.82E-09
1379	624702.38	4265273.15	1.50E-08	5.16E-09	2.02E-08	1.25E-08	3.86E-09	1.64E-08	2.97E-09	9.88E-10	3.96E-09	2.31E-09	4.76E-10	2.79E-09
1380	624692.47	4265273.01	1.48E-08	5.10E-09	1.99E-08	1.24E-08	3.82E-09	1.62E-08	2.93E-09	9.77E-10	3.91E-09	2.29E-09	4.70E-10	2.76E-09
1381	624682.56	4265272.88	1.46E-08	5.03E-09	1.97E-08	1.22E-08	3.77E-09	1.60E-08	2.90E-09	9.65E-10	3.86E-09	2.26E-09	4.65E-10	2.72E-09
1382	624672.65	4265272.74	1.45E-08	4.97E-09	1.94E-08	1.21E-08	3.72E-09	1.58E-08	2.86E-09	9.52E-10	3.81E-09	2.23E-09	4.59E-10	2.69E-09
1383	624662.74	4265272.6	1.43E-08	4.90E-09	1.92E-08	1.19E-08	3.67E-09	1.56E-08	2.82E-09	9.40E-10	3.76E-09	2.20E-09	4.53E-10	2.65E-09
1384	624652.83	4265272.46	1.41E-08	4.84E-09	1.89E-08	1.18E-08	3.62E-09	1.54E-08	2.79E-09	9.27E-10	3.71E-09	2.17E-09	4.47E-10	2.62E-09
1385	624642.92	4265272.33	1.39E-08	4.77E-09	1.86E-08	1.16E-08	3.57E-09	1.52E-08	2.75E-09	9.14E-10	3.66E-09	2.14E-09	4.40E-10	2.58E-09
1386	624633.01	4265272.19	1.37E-08	4.71E-09	1.84E-08	1.14E-08	3.52E-09	1.50E-08	2.71E-09	9.02E-10	3.61E-09	2.11E-09	4.34E-10	2.55E-09
1387	624623.1	4265272.05	1.35E-08	4.64E-09	1.81E-08	1.13E-08	3.47E-09	1.47E-08	2.67E-09	8.89E-10	3.56E-09	2.08E-09	4.28E-10	2.51E-09
1388	624613.2	4265271.91	1.33E-08	4.57E-09	1.79E-08	1.11E-08	3.42E-09	1.45E-08	2.63E-09	8.76E-10	3.51E-09	2.05E-09	4.22E-10	2.47E-09
1389	624603.29	4265271.78	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.38E-09	1.43E-08	2.60E-09	8.64E-10	3.46E-09	2.02E-09	4.16E-10	2.44E-09
1390	624593.38	4265271.64	1.29E-08	4.44E-09	1.74E-08	1.08E-08	3.33E-09	1.41E-08	2.56E-09	8.51E-10	3.41E-09	1.99E-09	4.10E-10	2.40E-09
1391	624583.47	4265271.5	1.27E-08	4.38E-09	1.71E-08	1.06E-08	3.28E-09	1.39E-08	2.52E-09	8.39E-10	3.36E-09	1.97E-09	4.04E-10	2.37E-09
1392	624573.56	4265271.36	1.26E-08	4.32E-09	1.69E-08	1.05E-08	3.23E-09	1.37E-08	2.48E-09	8.27E-10	3.31E-09	1.94E-09	3.98E-10	2.34E-09
1393	624563.65	4265271.23	1.24E-08	4.25E-09	1.66E-08	1.03E-08	3.19E-09	1.35E-08	2.45E-09	8.15E-10	3.26E-09	1.91E-09	3.93E-10	2.30E-09
1394	624553.74	4265271.09	1.22E-08	4.19E-09	1.64E-08	1.02E-08	3.14E-09	1.33E-08	2.41E-09	8.03E-10	3.22E-09	1.88E-09	3.87E-10	2.27E-09
1395	624543.83	4265270.95	1.20E-08	4.13E-09	1.61E-08	1.00E-08	3.09E-09	1.31E-08	2.38E-09	7.92E-10	3.17E-09	1.85E-09	3.81E-10	2.24E-09
1396	624533.93	4265270.81	1.18E-08	4.07E-09	1.59E-08	9.90E-09	3.05E-09	1.29E-08	2.34E-09	7.80E-10	3.12E-09	1.83E-09	3.76E-10	2.20E-09
1397	624524.02	4265270.68	1.17E-08	4.01E-09	1.57E-08	9.76E-09	3.01E-09	1.28E-08	2.31E-09	7.69E-10	3.08E-09	1.80E-09	3.70E-10	2.17E-09
1398	624514.11	4265270.54	1.15E-08	3.96E-09	1.55E-08	9.62E-09	2.96E-09	1.26E-08	2.28E-09	7.58E-10	3.04E-09	1.78E-09	3.65E-10	2.14E-09
1399	624504.2	4265270.4	1.13E-08	3.90E-09	1.52E-08	9.48E-09	2.92E-09	1.24E-08	2.25E-09	7.47E-10	2.99E-09	1.75E-09	3.60E-10	2.11E-09
1400	624494.29	4265270.26	1.12E-08	3.84E-09	1.50E-08	9.34E-09	2.88E-09	1.22E-08	2.21E-09	7.36E-10	2.95E-09	1.72E-09	3.55E-10	2.08E-09
1401	624484.38	4265270.13	1.10E-08	3.79E-09	1.48E-08	9.20E-09	2.83E-09	1.20E-08	2.18E-09	7.25E-10	2.90E-09	1.70E-09	3.49E-10	2.05E-09
1402	624474.47	4265269.99	1.08E-08	3.73E-09	1.46E-08	9.07E-09	2.79E-09	1.19E-08	2.15E-09	7.15E-10	2.86E-09	1.67E-09	3.44E-10	2.02E-09
1403	624464.56	4265269.85	1.07E-08	3.68E-09	1.44E-08	8.94E-09	2.75E-09	1.17E-08	2.12E-09	7.04E-10	2.82E-09	1.65E-09	3.39E-10	1.99E-09
1404	624454.66	4265269.72	1.05E-08	3.62E-09	1.42E-08	8.81E-09	2.71E-09	1.15E-08	2.09E-09	6.94E-10	2.78E-09	1.63E-09	3.34E-10	1.96E-09
1405	624444.75	4265269.58	1.04E-08	3.57E-09	1.39E-08	8.68E-09	2.67E-09	1.13E-08	2.05E-09	6.84E-10	2.74E-09	1.60E-09	3.29E-10	1.93E-09
1406	624434.84	4265269.44	1.02E-08	3.52E-09	1.37E-08	8.55E-09	2.63E-09	1.12E-08	2.02E-09	6.74E-10	2.70E-09	1.58E-09	3.24E-10	1.90E-09
1407	624424.93	4265269.3	1.01E-08	3.46E-09	1.35E-08	8.41E-09	2.59E-09	1.10E-08	1.99E-09	6.63E-10	2.66E-09	1.55E-09	3.19E-10	1.87E-09
1408	624415.02	4265269.17	9.91E-09	3.41E-09	1.33E-08	8.28E-09	2.55E-09	1.08E-08	1.96E-09	6.53E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
1409	624405.11	4265269.03	9.75E-09	3.35E-09	1.31E-08	8.15E-09	2.51E-09	1.07E-08	1.93E-09	6.42E-10	2.57E-09	1.50E-09	3.09E-10	1.81E-09
1410	624395.2	4265268.89	9.59E-09	3.30E-09	1.29E-08	8.02E-09	2.47E-09	1.05E-08	1.90E-09	6.32E-10	2.53E-09	1.48E-09	3.04E-10	1.78E-09
1411	624385.29	4265268.75	9.44E-09	3.24E-09	1.27E-08	7.89E-09	2.43E-09	1.03E-08	1.87E-09	6.22E-10	2.49E-09	1.46E-09	2.99E-10	1.76E-09
1412	624375.38	4265268.62	9.28E-09	3.19E-09	1.25E-08	7.75E-09	2.39E-09	1.01E-08	1.84E-09	6.11E-10	2.45E-09	1.43E-09	2.94E-10	1.73E-09
1413	624365.48	4265268.48	9.12E-09	3.13E-09	1.23E-08	7.62E-09	2.35E-09	9.97E-09	1.80E-09	6.01E-10	2.41E-09	1.41E-09	2.89E-10	1.70E-09
1414	624870.66	4265229.26	1.40E-08	4.82E-09	1.88E-08	1.17E-08	3.61E-09	1.53E-08	2.77E-09	9.23E-10	3.69E-09	2.16E-09	4.44E-10	2.61E-09
1415	624879.71	4265233.16	1.41E-08	4.85E-09	1.89E-08	1.18E-08	3.63E-09	1.54E-08	2.79E-09	9.28E-10	3.72E-09	2.17E-09	4.47E-10	2.62E-09
1416	624888.76	4265237.06	1.42E-08	4.87E-09	1.90E-08	1.18E-08	3.65E-09	1.55E-08	2.80E-09	9.33E-10	3.74E-09	2.19E-09	4.50E-10	2.64E-09
1417	624897.81	4265240.97	1.42E-08	4.90E-09	1.91E-08	1.19E-08	3.67E-09	1.56E-08	2.82E-09	9.38E-10	3.76E-09	2.20E-09	4.52E-10	2.65E-09
1418	624906.86	4265244.87	1.43E-08	4.92E-09	1.92E-08	1.19E-08	3.68E-09	1.56E-08	2.83E-09	9.42E-10	3.77E-09	2.21E-09	4.54E-10	2.66E-09
1419	624915.91	4265248.77	1.43E-08	4.93E-09	1.93E-08	1.20E-08	3.69E-09	1.57E-08	2.84E-09	9.45E-10	3.79E-09	2.21E-09	4.55E-10	2.67E-09
1420	624924.96	4265252.68	1.44E-08	4.95E-09	1.93E-08	1.20E-08	3.70E-09	1.57E-08	2.85E-09	9.48E-10	3.80E-09	2.22E-09	4.57E-10	2.68E-09
1421	624934.01	4265256.58	1.44E-08	4.96E-09	1.94E-08	1.21E-08	3.71E-09	1.58E-08	2.85E-09	9.50E-10	3.80E-09	2.22E-09	4.58E-10	2.68E-09
1422	624943.06	4265260.48	1.44E-08	4.96E-09	1.94E-08	1.21E-08	3.72E-09	1.58E-08	2.86E-09	9.51E-10	3.81E-09	2.23E-09	4.58E-10	2.69E-09
1423	624952.11	4265264.39	1.44E-08	4.97E-09	1.94E-08	1.21E-08	3.72E-09	1.58E-08	2.86E-09	9.52E-10	3.81E-09	2.23E-09	4.58E-10	2.69E-09
1424	624961.16	4265268.29	1.44E-08	4.97E-09	1.94E-08	1.21E-08	3.72E-09	1.58E-08	2.86E-09	9.51E-10	3.81E-09	2.23E-09	4.58E-10	2.69E-09
1425	624970.21	4265272.19	1.44E-08	4.96E-09	1.94E-08	1.21E-08	3.71E-09	1.58E-08	2.85E-09	9.50E-10	3.80E-09	2.23E-09	4.58E-10	2.68E-09
1426	624979.26	4265276.1	1.44E-08	4.95E-09	1.93E-08	1.20E-08	3.70E-09	1.57E-08	2.85E-09	9.48E-10	3.80E-09	2.22E-09	4.57E-10	2.68E-09
1427	624988.31	4265280	1.43E-08	4.93E-09	1.93E-08	1.20E-08	3.69E-09	1.57E-08	2.84E-09	9.45E-10	3.78E-09	2.21E-09	4.55E-10	2.67E-09
1428	624997.36	4265283.9	1.43E-08	4.91E-09	1.92E-08	1.19E-08	3.67E-09	1.56E-08	2.82E-09	9.40E-10	3.77E-09	2.20E-09	4.53E-10	2.66E-09
1429	625006.41	4265287.81	1.42E-08	4.88E-09	1.91E-08	1.19E-08	3.65E-09	1.55E-08	2.81E-09	9.35E-10	3.74E-09	2.19E-09	4.50E-10	2.64E-09
1430	625015.46	4265291.71	1.41E-08	4.85E-09	1.89E-08	1.18E-08	3.63E-09	1.54E-08	2.79E-09	9.29E-10	3.72E-09	2.17E-09	4.47E-10	2.62E-09
1431	625024.51	4265295.62	1.40E-08	4.81E-09	1.88E-08	1.17E-08	3.60E-09	1.53E-08	2.77E-09	9.21E-10	3.69E-09	2.16E-09	4.44E-10	2.60E-09
1432	625033.56	4265299.52	1.39E-08	4.76E-09	1.86E-08	1.16E-08	3.57E-09	1.51E-08	2.74E-09	9.13E-10	3.66E-09	2.14E-09	4.40E-10	2.58E-09
1433	625042.61	4265303.42	1.37E-08	4.72E-09	1.84E-08	1.15E-08	3.53E-09	1.50E-08	2.71E-09	9.03E-10	3.62E-09	2.12E-09	4.35E-10	2.55E-09
1434	625051.66	4265307.33	1.36E-08	4.66E-09	1.82E-08	1.13E-08	3.49E-09	1.48E-08	2.68E-09	8.93E-10	3.58E-09	2.09E-09	4.30E-10	2.52E-09
1435	625060.71	4265311.23	1.34E-08	4.61E-09	1.80E-08	1.12E-08	3.45E-09	1.46E-08	2.65E-09	8.82E-10	3.53E-09	2.07E-09	4.25E-10	2.49E-09
1436	625069.76	4265315.13	1.32E-08	4.54E-09	1.78E-08	1.10E-08	3.40E-09	1.44E-08	2.62E-09	8.71E-10	3.49E-09	2.04E-09	4.19E-10	2.46E-09
1437	625078.81	4265319.04	1.30E-08	4.48E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.58E-09	8.58E-10	3.44E-09	2.01E-09	4.13E-10	2.42E-09
1438	625087.86	4265322.94	1.28E-08	4.41E-09	1.72E-08	1.07E-08	3.30E-09	1.40E-08	2.54E-09	8.45E-10	3.38E-09	1.98E-09	4.07E-10	2.39E-09
1439	625096.91	4265326.84	1.26E-08	4.34E-09	1.70E-08	1.06E-08	3.25E-09	1.38E-08	2.50E-09	8.32E-10	3.33E-09	1.95E-09	4.01E-10	2.35E-09
1440	625105.96	4265330.75	1.24E-08	4.27E-09	1.67E-08	1.04E-08	3.20E-09	1.36E-08	2.46E-09	8.18E-10	3.27E-09	1.92E-09	3.94E-10	2.31E-09
1441	625115.01	4265334.65	1.22E-08	4.19E-09	1.64E-08	1.02E-08	3.14E-09	1.33E-08	2.41E-09	8.04E-10	3.22E-09	1.88E-09	3.87E-10	2.27E-09
1442	625124.06	4265338.55	1.20E-08	4.12E-09	1.61E-08	1.00E-08	3.08E-09	1.31E-08	2.37E-09	7.89E-10	3.16E-09	1.85E-09	3.80E-10	2.23E-09
1443	625133.11	4265342.46	1.18E-08	4.04E-09	1.58E-08	9.83E-09	3.03E-09	1.29E-08	2.33E-09	7.75E-10	3.10E-09	1.81E-09	3.73E-10	2.19E-09
1444	625142.16	4265346.36	1.15E-08	3.97E-09	1.55E-08	9.65E-09	2.97E-09	1.26E-08	2.28E-09	7.60E-10	3.04E-09	1.78E-09	3.66E-10	2.15E-09
1445	625151.21	4265350.26	1.13E-08	3.89E-09	1.52E-08	9.46E-09	2.91E-09	1.24E-08	2.24E-09	7.46E-10	2.99E-09	1.75E-09	3.59E-10	2.11E-09

1446	625160.26	4265354.17	1.11E-08	3.82E-09	1.49E-08	9.28E-09	2.86E-09	1.21E-08	2.20E-09	7.32E-10	2.93E-09	1.71E-09	3.52E-10	2.07E-09
1447	625169.31	4265358.07	1.09E-08	3.74E-09	1.46E-08	9.10E-09	2.80E-09	1.19E-08	2.16E-09	7.17E-10	2.87E-09	1.68E-09	3.46E-10	2.03E-09
1448	625181.98	4265371.14	1.07E-08	3.66E-09	1.43E-08	8.91E-09	2.74E-09	1.16E-08	2.11E-09	7.02E-10	2.81E-09	1.64E-09	3.38E-10	1.98E-09
1449	625185.61	4265380.3	1.06E-08	3.65E-09	1.43E-08	8.88E-09	2.74E-09	1.16E-08	2.10E-09	7.00E-10	2.80E-09	1.64E-09	3.37E-10	1.98E-09
1450	625189.24	4265389.47	1.06E-08	3.65E-09	1.42E-08	8.86E-09	2.73E-09	1.16E-08	2.10E-09	6.98E-10	2.80E-09	1.64E-09	3.36E-10	1.97E-09
1451	625192.87	4265398.63	1.06E-08	3.63E-09	1.42E-08	8.83E-09	2.72E-09	1.16E-08	2.09E-09	6.96E-10	2.79E-09	1.63E-09	3.35E-10	1.97E-09
1452	625196.49	4265407.79	1.05E-08	3.62E-09	1.42E-08	8.80E-09	2.71E-09	1.15E-08	2.09E-09	6.94E-10	2.78E-09	1.63E-09	3.34E-10	1.96E-09
1453	625200.12	4265416.96	1.05E-08	3.61E-09	1.41E-08	8.77E-09	2.70E-09	1.15E-08	2.08E-09	6.92E-10	2.77E-09	1.62E-09	3.33E-10	1.95E-09
1454	625203.75	4265426.12	1.05E-08	3.60E-09	1.41E-08	8.74E-09	2.69E-09	1.14E-08	2.07E-09	6.89E-10	2.76E-09	1.61E-09	3.32E-10	1.95E-09
1455	625207.37	4265435.29	1.04E-08	3.58E-09	1.40E-08	8.70E-09	2.68E-09	1.14E-08	2.06E-09	6.86E-10	2.75E-09	1.61E-09	3.30E-10	1.94E-09
1456	625211	4265444.45	1.04E-08	3.57E-09	1.39E-08	8.67E-09	2.67E-09	1.13E-08	2.05E-09	6.83E-10	2.74E-09	1.60E-09	3.29E-10	1.93E-09
1457	625214.63	4265453.61	1.03E-08	3.55E-09	1.39E-08	8.63E-09	2.66E-09	1.13E-08	2.04E-09	6.80E-10	2.72E-09	1.59E-09	3.27E-10	1.92E-09
1458	625218.26	4265462.78	1.03E-08	3.53E-09	1.38E-08	8.58E-09	2.64E-09	1.12E-08	2.03E-09	6.77E-10	2.71E-09	1.58E-09	3.26E-10	1.91E-09
1459	625221.88	4265471.94	1.02E-08	3.51E-09	1.37E-08	8.54E-09	2.63E-09	1.12E-08	2.02E-09	6.73E-10	2.69E-09	1.58E-09	3.24E-10	1.90E-09
1460	625225.51	4265481.11	1.02E-08	3.49E-09	1.37E-08	8.49E-09	2.62E-09	1.11E-08	2.01E-09	6.69E-10	2.68E-09	1.57E-09	3.22E-10	1.89E-09
1461	625229.14	4265490.27	1.01E-08	3.47E-09	1.36E-08	8.44E-09	2.60E-09	1.10E-08	2.00E-09	6.65E-10	2.66E-09	1.56E-09	3.21E-10	1.88E-09
1462	625232.76	4265499.44	1.00E-08	3.45E-09	1.35E-08	8.39E-09	2.58E-09	1.10E-08	1.99E-09	6.61E-10	2.65E-09	1.55E-09	3.19E-10	1.87E-09
1463	625236.39	4265508.6	9.98E-09	3.43E-09	1.34E-08	8.34E-09	2.57E-09	1.09E-08	1.97E-09	6.57E-10	2.63E-09	1.54E-09	3.17E-10	1.86E-09
1464	625240.02	4265517.76	9.91E-09	3.41E-09	1.33E-08	8.28E-09	2.55E-09	1.08E-08	1.96E-09	6.53E-10	2.61E-09	1.53E-09	3.15E-10	1.84E-09
1465	625243.65	4265526.93	9.84E-09	3.38E-09	1.32E-08	8.23E-09	2.53E-09	1.08E-08	1.95E-09	6.48E-10	2.60E-09	1.52E-09	3.12E-10	1.83E-09
1466	625247.27	4265536.09	9.77E-09	3.36E-09	1.31E-08	8.17E-09	2.52E-09	1.07E-08	1.93E-09	6.44E-10	2.58E-09	1.51E-09	3.10E-10	1.82E-09
1467	625250.9	4265545.26	9.70E-09	3.33E-09	1.30E-08	8.11E-09	2.50E-09	1.06E-08	1.92E-09	6.39E-10	2.56E-09	1.50E-09	3.08E-10	1.80E-09
1468	625254.53	4265554.42	9.62E-09	3.31E-09	1.29E-08	8.04E-09	2.48E-09	1.05E-08	1.90E-09	6.34E-10	2.54E-09	1.48E-09	3.05E-10	1.79E-09
1469	625258.16	4265563.58	9.54E-09	3.28E-09	1.28E-08	7.98E-09	2.46E-09	1.04E-08	1.89E-09	6.29E-10	2.52E-09	1.47E-09	3.03E-10	1.78E-09
1470	625261.78	4265572.75	9.46E-09	3.25E-09	1.27E-08	7.91E-09	2.44E-09	1.03E-08	1.87E-09	6.23E-10	2.50E-09	1.46E-09	3.00E-10	1.76E-09
1471	625265.41	4265581.91	9.37E-09	3.22E-09	1.26E-08	7.84E-09	2.41E-09	1.02E-08	1.86E-09	6.18E-10	2.47E-09	1.45E-09	2.98E-10	1.74E-09
1472	625269.04	4265591.08	9.29E-09	3.19E-09	1.25E-08	7.76E-09	2.39E-09	1.02E-08	1.84E-09	6.12E-10	2.45E-09	1.43E-09	2.95E-10	1.73E-09
1473	625272.66	4265600.24	9.20E-09	3.16E-09	1.24E-08	7.69E-09	2.37E-09	1.01E-08	1.82E-09	6.06E-10	2.43E-09	1.42E-09	2.92E-10	1.71E-09
1474	625276.29	4265609.4	9.10E-09	3.13E-09	1.22E-08	7.61E-09	2.34E-09	9.95E-09	1.80E-09	6.00E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
1475	625279.92	4265618.57	9.00E-09	3.10E-09	1.21E-08	7.53E-09	2.32E-09	9.84E-09	1.78E-09	5.93E-10	2.38E-09	1.39E-09	2.86E-10	1.67E-09
1476	625283.55	4265627.73	8.90E-09	3.06E-09	1.20E-08	7.44E-09	2.29E-09	9.73E-09	1.76E-09	5.87E-10	2.35E-09	1.37E-09	2.83E-10	1.66E-09
1477	625287.17	4265636.9	8.80E-09	3.03E-09	1.18E-08	7.35E-09	2.27E-09	9.62E-09	1.74E-09	5.80E-10	2.32E-09	1.36E-09	2.79E-10	1.64E-09
1478	625290.8	4265646.06	8.69E-09	2.99E-09	1.17E-08	7.26E-09	2.24E-09	9.50E-09	1.72E-09	5.73E-10	2.29E-09	1.34E-09	2.76E-10	1.62E-09
1479	625294.43	4265655.23	8.58E-09	2.95E-09	1.15E-08	7.17E-09	2.21E-09	9.38E-09	1.70E-09	5.65E-10	2.26E-09	1.32E-09	2.72E-10	1.60E-09
1480	625298.05	4265664.39	8.47E-09	2.91E-09	1.14E-08	7.08E-09	2.18E-09	9.26E-09	1.68E-09	5.58E-10	2.23E-09	1.31E-09	2.69E-10	1.57E-09
1481	625301.68	4265673.55	8.35E-09	2.87E-09	1.12E-08	6.98E-09	2.15E-09	9.13E-09	1.65E-09	5.50E-10	2.20E-09	1.29E-09	2.65E-10	1.55E-09
1482	624861.61	4265225.35	1.39E-08	4.78E-09	1.87E-08	1.16E-08	3.58E-09	1.52E-08	2.75E-09	9.16E-10	3.67E-09	2.15E-09	4.41E-10	2.59E-09
1483	624851.7	4265225.22	1.39E-08	4.79E-09	1.87E-08	1.16E-08	3.59E-09	1.52E-08	2.76E-09	9.18E-10	3.68E-09	2.15E-09	4.42E-10	2.59E-09
1484	624841.79	4265225.08	1.39E-08	4.80E-09	1.87E-08	1.17E-08	3.59E-09	1.52E-08	2.76E-09	9.19E-10	3.68E-09	2.15E-09	4.43E-10	2.59E-09
1485	624831.88	4265224.94	1.40E-08	4.80E-09	1.87E-08	1.17E-08	3.59E-09	1.53E-08	2.76E-09	9.19E-10	3.68E-09	2.15E-09	4.43E-10	2.60E-09
1486	624821.97	4265224.8	1.39E-08	4.80E-09	1.87E-08	1.17E-08	3.59E-09	1.53E-08	2.76E-09	9.19E-10	3.68E-09	2.15E-09	4.43E-10	2.60E-09
1487	624812.07	4265224.67	1.39E-08	4.79E-09	1.87E-08	1.17E-08	3.59E-09	1.52E-08	2.76E-09	9.18E-10	3.68E-09	2.15E-09	4.42E-10	2.59E-09
1488	624802.16	4265224.53	1.39E-08	4.79E-09	1.87E-08	1.16E-08	3.58E-09	1.52E-08	2.75E-09	9.17E-10	3.67E-09	2.15E-09	4.42E-10	2.59E-09
1489	624792.25	4265224.39	1.39E-08	4.77E-09	1.87E-08	1.16E-08	3.57E-09	1.52E-08	2.75E-09	9.15E-10	3.66E-09	2.14E-09	4.41E-10	2.58E-09
1490	624782.34	4265224.25	1.38E-08	4.76E-09	1.86E-08	1.16E-08	3.56E-09	1.51E-08	2.74E-09	9.12E-10	3.65E-09	2.14E-09	4.39E-10	2.57E-09
1491	624772.43	4265224.12	1.38E-08	4.74E-09	1.85E-08	1.15E-08	3.55E-09	1.51E-08	2.73E-09	9.08E-10	3.64E-09	2.13E-09	4.37E-10	2.56E-09
1492	624762.52	4265223.98	1.37E-08	4.71E-09	1.84E-08	1.15E-08	3.53E-09	1.50E-08	2.71E-09	9.03E-10	3.62E-09	2.12E-09	4.35E-10	2.55E-09
1493	624752.61	4265223.84	1.36E-08	4.68E-09	1.83E-08	1.14E-08	3.51E-09	1.49E-08	2.70E-09	8.97E-10	3.59E-09	2.10E-09	4.32E-10	2.53E-09
1494	624742.7	4265223.7	1.35E-08	4.65E-09	1.82E-08	1.13E-08	3.48E-09	1.48E-08	2.68E-09	8.91E-10	3.57E-09	2.09E-09	4.29E-10	2.52E-09
1495	624732.79	4265223.57	1.34E-08	4.61E-09	1.80E-08	1.12E-08	3.45E-09	1.47E-08	2.65E-09	8.83E-10	3.54E-09	2.07E-09	4.25E-10	2.49E-09
1496	624722.89	4265223.43	1.33E-08	4.56E-09	1.78E-08	1.11E-08	3.42E-09	1.45E-08	2.63E-09	8.74E-10	3.50E-09	2.05E-09	4.21E-10	2.47E-09
1497	624712.98	4265223.29	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.38E-09	1.43E-08	2.60E-09	8.65E-10	3.46E-09	2.03E-09	4.17E-10	2.44E-09
1498	624703.07	4265223.15	1.30E-08	4.46E-09	1.74E-08	1.08E-08	3.34E-09	1.42E-08	2.57E-09	8.55E-10	3.42E-09	2.00E-09	4.12E-10	2.41E-09
1499	624693.16	4265223.02	1.28E-08	4.41E-09	1.72E-08	1.07E-08	3.30E-09	1.40E-08	2.54E-09	8.45E-10	3.38E-09	1.98E-09	4.07E-10	2.39E-09
1500	624683.25	4265222.88	1.27E-08	4.35E-09	1.70E-08	1.06E-08	3.26E-09	1.38E-08	2.51E-09	8.34E-10	3.34E-09	1.95E-09	4.02E-10	2.35E-09
1501	624673.34	4265222.74	1.25E-08	4.29E-09	1.68E-08	1.04E-08	3.22E-09	1.37E-08	2.47E-09	8.23E-10	3.29E-09	1.93E-09	3.96E-10	2.32E-09
1502	624663.43	4265222.61	1.23E-08	4.24E-09	1.66E-08	1.03E-08	3.17E-09	1.35E-08	2.44E-09	8.12E-10	3.25E-09	1.90E-09	3.91E-10	2.29E-09
1503	624653.52	4265222.47	1.21E-08	4.18E-09	1.63E-08	1.02E-08	3.13E-09	1.33E-08	2.40E-09	8.00E-10	3.21E-09	1.87E-09	3.86E-10	2.26E-09
1504	624643.62	4265222.33	1.20E-08	4.12E-09	1.61E-08	1.00E-08	3.08E-09	1.31E-08	2.37E-09	7.89E-10	3.16E-09	1.85E-09	3.80E-10	2.23E-09
1505	624633.71	4265222.19	1.18E-08	4.06E-09	1.59E-08	9.87E-09	3.04E-09	1.29E-08	2.34E-09	7.78E-10	3.12E-09	1.82E-09	3.75E-10	2.20E-09
1506	624623.8	4265222.06	1.16E-08	4.01E-09	1.57E-08	9.74E-09	3.00E-09	1.27E-08	2.31E-09	7.67E-10	3.07E-09	1.80E-09	3.70E-10	2.17E-09
1507	624613.89	4265221.92	1.15E-08	3.95E-09	1.54E-08	9.60E-09	2.96E-09	1.26E-08	2.27E-09	7.57E-10	3.03E-09	1.77E-09	3.65E-10	2.14E-09
1508	624603.98	4265221.78	1.13E-08	3.90E-09	1.52E-08	9.47E-09	2.92E-09	1.24E-08	2.24E-09	7.47E-10	2.99E-09	1.75E-09	3.60E-10	2.11E-09
1509	624594.07	4265221.64	1.12E-08	3.84E-09	1.50E-08	9.34E-09	2.88E-09	1.22E-08	2.21E-09	7.37E-10	2.95E-09	1.73E-09	3.55E-10	2.08E-09
1510	624584.16	4265221.51	1.10E-08	3.79E-09	1.48E-08	9.22E-09	2.84E-09	1.21E-08	2.18E-09	7.27E-10	2.91E-09	1.70E-09	3.50E-10	2.05E-09
1511	624574.25	4265221.37	1.09E-08	3.74E-09	1.46E-08	9.10E-09	2.80E-09	1.19E-08	2.16E-09	7.17E-10	2.87E-09	1.68E-09	3.46E-10	2.03E-09
1512	624564.35	4265221.23	1.07E-08	3.70E-09	1.44E-08	8.98E-09	2.77E-09	1.17E-08	2.13E-09	7.08E-10	2.84E-09	1.66E-09	3.41E-10	2.00E-09
1513	624554.44	4265221.09	1.06E-08	3.65E-09	1.43E-08	8.87E-09	2.73E-09	1.16E-08	2.10E-09	6.99E-10	2.80E-09	1.64E-09	3.37E-10	1.97E-09
1514	624544.53	4265220.96	1.05E-08	3.60E-09	1.41E-08	8.76E-09	2.70E-09	1.15E-08	2.07E-09	6.90E-10	2.76E-09	1.62E-09	3.32E-10	1.95E-09

1515	624534.62	4265220.82	1.03E-08	3.56E-09	1.39E-08	8.65E-09	2.66E-09	1.13E-08	2.05E-09	6.81E-10	2.73E-09	1.60E-09	3.28E-10	1.92E-09
1516	624524.71	4265220.68	1.02E-08	3.51E-09	1.37E-08	8.54E-09	2.63E-09	1.12E-08	2.02E-09	6.73E-10	2.69E-09	1.58E-09	3.24E-10	1.90E-09
1517	624514.8	4265220.54	1.01E-08	3.47E-09	1.36E-08	8.43E-09	2.60E-09	1.10E-08	2.00E-09	6.65E-10	2.66E-09	1.56E-09	3.20E-10	1.88E-09
1518	624504.89	4265220.41	9.96E-09	3.43E-09	1.34E-08	8.33E-09	2.57E-09	1.09E-08	1.97E-09	6.56E-10	2.63E-09	1.54E-09	3.16E-10	1.85E-09
1519	624494.98	4265220.27	9.84E-09	3.38E-09	1.32E-08	8.22E-09	2.53E-09	1.08E-08	1.95E-09	6.48E-10	2.60E-09	1.52E-09	3.12E-10	1.83E-09
1520	624485.07	4265220.13	9.71E-09	3.34E-09	1.30E-08	8.12E-09	2.50E-09	1.06E-08	1.92E-09	6.40E-10	2.56E-09	1.50E-09	3.08E-10	1.81E-09
1521	624475.17	4265219.99	9.58E-09	3.30E-09	1.29E-08	8.01E-09	2.47E-09	1.05E-08	1.90E-09	6.31E-10	2.53E-09	1.48E-09	3.04E-10	1.78E-09
1522	624465.26	4265219.86	9.46E-09	3.25E-09	1.27E-08	7.91E-09	2.44E-09	1.03E-08	1.87E-09	6.23E-10	2.50E-09	1.46E-09	3.00E-10	1.76E-09
1523	624455.35	4265219.72	9.34E-09	3.21E-09	1.26E-08	7.81E-09	2.40E-09	1.02E-08	1.85E-09	6.15E-10	2.46E-09	1.44E-09	2.96E-10	1.74E-09
1524	624445.44	4265219.58	9.22E-09	3.17E-09	1.24E-08	7.71E-09	2.37E-09	1.01E-08	1.82E-09	6.07E-10	2.43E-09	1.42E-09	2.93E-10	1.71E-09
1525	624435.53	4265219.45	9.10E-09	3.13E-09	1.22E-08	7.60E-09	2.34E-09	9.94E-09	1.80E-09	5.99E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
1526	624425.62	4265219.31	8.97E-09	3.08E-09	1.21E-08	7.50E-09	2.31E-09	9.81E-09	1.78E-09	5.91E-10	2.37E-09	1.38E-09	2.85E-10	1.67E-09
1527	624415.71	4265219.17	8.85E-09	3.04E-09	1.19E-08	7.39E-09	2.28E-09	9.67E-09	1.75E-09	5.83E-10	2.33E-09	1.37E-09	2.81E-10	1.65E-09
1528	624405.8	4265219.03	8.72E-09	3.00E-09	1.17E-08	7.29E-09	2.25E-09	9.53E-09	1.73E-09	5.75E-10	2.30E-09	1.35E-09	2.77E-10	1.62E-09
1529	624395.9	4265218.9	8.59E-09	2.96E-09	1.15E-08	7.18E-09	2.21E-09	9.40E-09	1.70E-09	5.66E-10	2.27E-09	1.33E-09	2.73E-10	1.60E-09
1530	624385.99	4265218.76	8.47E-09	2.91E-09	1.14E-08	7.08E-09	2.18E-09	9.26E-09	1.68E-09	5.58E-10	2.23E-09	1.31E-09	2.69E-10	1.58E-09
1531	624376.08	4265218.62	8.34E-09	2.87E-09	1.12E-08	6.97E-09	2.15E-09	9.12E-09	1.65E-09	5.49E-10	2.20E-09	1.29E-09	2.65E-10	1.55E-09
1532	624366.17	4265218.48	8.21E-09	2.82E-09	1.10E-08	6.86E-09	2.11E-09	8.97E-09	1.62E-09	5.41E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
1533	624871.33	4265179.25	1.24E-08	4.28E-09	1.67E-08	1.04E-08	3.20E-09	1.36E-08	2.46E-09	8.20E-10	3.28E-09	1.92E-09	3.95E-10	2.32E-09
1534	624880.35	4265183.14	1.25E-08	4.31E-09	1.68E-08	1.05E-08	3.23E-09	1.37E-08	2.48E-09	8.26E-10	3.31E-09	1.93E-09	3.98E-10	2.33E-09
1535	624889.37	4265187.04	1.26E-08	4.34E-09	1.70E-08	1.05E-08	3.25E-09	1.38E-08	2.50E-09	8.32E-10	3.33E-09	1.95E-09	4.01E-10	2.35E-09
1536	624898.4	4265190.93	1.27E-08	4.37E-09	1.71E-08	1.06E-08	3.27E-09	1.39E-08	2.51E-09	8.37E-10	3.35E-09	1.96E-09	4.03E-10	2.36E-09
1537	624907.42	4265194.82	1.28E-08	4.39E-09	1.72E-08	1.07E-08	3.29E-09	1.40E-08	2.53E-09	8.41E-10	3.37E-09	1.97E-09	4.05E-10	2.38E-09
1538	624916.45	4265198.71	1.28E-08	4.41E-09	1.72E-08	1.07E-08	3.30E-09	1.40E-08	2.54E-09	8.45E-10	3.39E-09	1.98E-09	4.07E-10	2.39E-09
1539	624925.47	4265202.6	1.29E-08	4.43E-09	1.73E-08	1.08E-08	3.32E-09	1.41E-08	2.55E-09	8.49E-10	3.40E-09	1.99E-09	4.09E-10	2.40E-09
1540	624934.5	4265206.5	1.29E-08	4.45E-09	1.74E-08	1.08E-08	3.33E-09	1.41E-08	2.56E-09	8.52E-10	3.41E-09	2.00E-09	4.10E-10	2.41E-09
1541	624943.52	4265210.39	1.30E-08	4.46E-09	1.74E-08	1.08E-08	3.34E-09	1.42E-08	2.57E-09	8.55E-10	3.42E-09	2.00E-09	4.12E-10	2.41E-09
1542	624952.54	4265214.28	1.30E-08	4.47E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.57E-09	8.57E-10	3.43E-09	2.01E-09	4.13E-10	2.42E-09
1543	624961.57	4265218.17	1.30E-08	4.48E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.58E-09	8.58E-10	3.43E-09	2.01E-09	4.13E-10	2.42E-09
1544	624970.59	4265222.07	1.30E-08	4.48E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.58E-09	8.58E-10	3.44E-09	2.01E-09	4.13E-10	2.42E-09
1545	624979.62	4265225.96	1.30E-08	4.48E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.58E-09	8.58E-10	3.44E-09	2.01E-09	4.13E-10	2.42E-09
1546	624988.64	4265229.85	1.30E-08	4.47E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.58E-09	8.57E-10	3.43E-09	2.01E-09	4.13E-10	2.42E-09
1547	624997.66	4265233.74	1.30E-08	4.47E-09	1.75E-08	1.09E-08	3.34E-09	1.42E-08	2.57E-09	8.56E-10	3.43E-09	2.00E-09	4.12E-10	2.42E-09
1548	625006.69	4265237.64	1.29E-08	4.45E-09	1.74E-08	1.08E-08	3.33E-09	1.42E-08	2.56E-09	8.53E-10	3.42E-09	2.00E-09	4.11E-10	2.41E-09
1549	625015.71	4265241.53	1.29E-08	4.43E-09	1.73E-08	1.08E-08	3.32E-09	1.41E-08	2.55E-09	8.50E-10	3.40E-09	1.99E-09	4.09E-10	2.40E-09
1550	625024.74	4265245.42	1.28E-08	4.41E-09	1.72E-08	1.07E-08	3.30E-09	1.40E-08	2.54E-09	8.45E-10	3.39E-09	1.98E-09	4.07E-10	2.39E-09
1551	625033.76	4265249.31	1.28E-08	4.39E-09	1.71E-08	1.07E-08	3.28E-09	1.39E-08	2.52E-09	8.40E-10	3.37E-09	1.97E-09	4.05E-10	2.37E-09
1552	625042.79	4265253.2	1.27E-08	4.36E-09	1.70E-08	1.06E-08	3.26E-09	1.38E-08	2.51E-09	8.35E-10	3.34E-09	1.95E-09	4.02E-10	2.36E-09
1553	625051.81	4265257.1	1.26E-08	4.32E-09	1.69E-08	1.05E-08	3.23E-09	1.37E-08	2.49E-09	8.28E-10	3.31E-09	1.94E-09	3.99E-10	2.34E-09
1554	625060.83	4265260.99	1.24E-08	4.28E-09	1.67E-08	1.04E-08	3.21E-09	1.36E-08	2.46E-09	8.20E-10	3.28E-09	1.92E-09	3.95E-10	2.32E-09
1555	625069.86	4265264.88	1.23E-08	4.24E-09	1.66E-08	1.03E-08	3.17E-09	1.35E-08	2.44E-09	8.12E-10	3.25E-09	1.90E-09	3.91E-10	2.29E-09
1556	625078.88	4265268.77	1.22E-08	4.19E-09	1.64E-08	1.02E-08	3.14E-09	1.33E-08	2.41E-09	8.03E-10	3.21E-09	1.88E-09	3.87E-10	2.27E-09
1557	625087.91	4265272.67	1.20E-08	4.14E-09	1.62E-08	1.01E-08	3.10E-09	1.32E-08	2.38E-09	7.93E-10	3.18E-09	1.86E-09	3.82E-10	2.24E-09
1558	625096.93	4265276.56	1.19E-08	4.08E-09	1.60E-08	9.93E-09	3.06E-09	1.30E-08	2.35E-09	7.83E-10	3.13E-09	1.83E-09	3.77E-10	2.21E-09
1559	625105.95	4265280.45	1.17E-08	4.03E-09	1.57E-08	9.79E-09	3.02E-09	1.28E-08	2.32E-09	7.72E-10	3.09E-09	1.81E-09	3.72E-10	2.18E-09
1560	625114.98	4265284.34	1.15E-08	3.97E-09	1.55E-08	9.65E-09	2.97E-09	1.26E-08	2.28E-09	7.60E-10	3.05E-09	1.78E-09	3.66E-10	2.15E-09
1561	625124	4265288.24	1.14E-08	3.91E-09	1.53E-08	9.50E-09	2.93E-09	1.24E-08	2.25E-09	7.49E-10	3.00E-09	1.75E-09	3.61E-10	2.11E-09
1562	625133.03	4265292.13	1.12E-08	3.85E-09	1.50E-08	9.35E-09	2.88E-09	1.22E-08	2.21E-09	7.37E-10	2.95E-09	1.73E-09	3.55E-10	2.08E-09
1563	625142.05	4265296.02	1.10E-08	3.78E-09	1.48E-08	9.20E-09	2.83E-09	1.20E-08	2.18E-09	7.25E-10	2.90E-09	1.70E-09	3.49E-10	2.05E-09
1564	625151.07	4265299.91	1.08E-08	3.72E-09	1.45E-08	9.04E-09	2.78E-09	1.18E-08	2.14E-09	7.13E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
1565	625160.1	4265303.8	1.06E-08	3.65E-09	1.43E-08	8.88E-09	2.74E-09	1.16E-08	2.10E-09	7.00E-10	2.80E-09	1.64E-09	3.37E-10	1.98E-09
1566	625169.12	4265307.7	1.04E-08	3.59E-09	1.40E-08	8.73E-09	2.69E-09	1.14E-08	2.07E-09	6.88E-10	2.76E-09	1.61E-09	3.31E-10	1.94E-09
1567	625178.15	4265311.59	1.03E-08	3.53E-09	1.38E-08	8.57E-09	2.64E-09	1.12E-08	2.03E-09	6.76E-10	2.71E-09	1.58E-09	3.26E-10	1.91E-09
1568	625187.17	4265315.48	1.01E-08	3.46E-09	1.35E-08	8.42E-09	2.59E-09	1.10E-08	1.99E-09	6.64E-10	2.66E-09	1.55E-09	3.20E-10	1.87E-09
1569	625196.2	4265319.37	9.89E-09	3.40E-09	1.33E-08	8.27E-09	2.55E-09	1.08E-08	1.96E-09	6.52E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
1570	625205.22	4265323.27	9.71E-09	3.34E-09	1.30E-08	8.12E-09	2.50E-09	1.06E-08	1.92E-09	6.40E-10	2.56E-09	1.50E-09	3.08E-10	1.81E-09
1571	625217.86	4265336.3	9.51E-09	3.27E-09	1.28E-08	7.95E-09	2.45E-09	1.04E-08	1.88E-09	6.27E-10	2.51E-09	1.47E-09	3.02E-10	1.77E-09
1572	625221.48	4265345.43	9.49E-09	3.26E-09	1.27E-08	7.93E-09	2.44E-09	1.04E-08	1.88E-09	6.25E-10	2.50E-09	1.46E-09	3.01E-10	1.76E-09
1573	625225.09	4265354.57	9.46E-09	3.25E-09	1.27E-08	7.91E-09	2.44E-09	1.03E-08	1.87E-09	6.23E-10	2.50E-09	1.46E-09	3.00E-10	1.76E-09
1574	625228.71	4265363.71	9.44E-09	3.24E-09	1.27E-08	7.89E-09	2.43E-09	1.03E-08	1.87E-09	6.22E-10	2.49E-09	1.46E-09	2.99E-10	1.76E-09
1575	625232.33	4265372.85	9.41E-09	3.23E-09	1.26E-08	7.86E-09	2.42E-09	1.03E-08	1.86E-09	6.20E-10	2.48E-09	1.45E-09	2.99E-10	1.75E-09
1576	625235.95	4265381.99	9.38E-09	3.22E-09	1.26E-08	7.84E-09	2.41E-09	1.03E-08	1.86E-09	6.18E-10	2.47E-09	1.45E-09	2.98E-10	1.74E-09
1577	625239.56	4265391.12	9.34E-09	3.21E-09	1.26E-08	7.81E-09	2.41E-09	1.02E-08	1.85E-09	6.16E-10	2.47E-09	1.44E-09	2.97E-10	1.74E-09
1578	625243.18	4265400.26	9.31E-09	3.20E-09	1.25E-08	7.78E-09	2.40E-09	1.02E-08	1.84E-09	6.13E-10	2.46E-09	1.44E-09	2.95E-10	1.73E-09
1579	625246.8	4265409.4	9.27E-09	3.19E-09	1.25E-08	7.75E-09	2.39E-09	1.01E-08	1.84E-09	6.11E-10	2.45E-09	1.43E-09	2.94E-10	1.72E-09
1580	625250.41	4265418.54	9.23E-09	3.17E-09	1.24E-08	7.72E-09	2.38E-09	1.01E-08	1.83E-09	6.08E-10	2.44E-09	1.42E-09	2.93E-10	1.72E-09
1581	625254.03	4265427.68	9.19E-09	3.16E-09	1.24E-08	7.68E-09	2.37E-09	1.01E-08	1.82E-09	6.06E-10	2.43E-09	1.42E-09	2.92E-10	1.71E-09
1582	625257.65	4265436.81	9.15E-09	3.15E-09	1.23E-08	7.65E-09	2.36E-09	1.00E-08	1.81E-09	6.03E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
1583	625261.26	4265445.95	9.11E-09	3.13E-09	1.22E-08	7.61E-09	2.35E-09	9.96E-09	1.80E-09	6.00E-10	2.40E-09	1.41E-09	2.89E-10	1.69E-09

1584	625264.88	4265455.09	9.06E-09	3.12E-09	1.22E-08	7.58E-09	2.33E-09	9.91E-09	1.79E-09	5.97E-10	2.39E-09	1.40E-09	2.88E-10	1.69E-09
1585	625268.5	4265464.23	9.02E-09	3.10E-09	1.21E-08	7.54E-09	2.32E-09	9.86E-09	1.78E-09	5.94E-10	2.38E-09	1.39E-09	2.86E-10	1.68E-09
1586	625272.11	4265473.37	8.97E-09	3.08E-09	1.20E-08	7.49E-09	2.31E-09	9.80E-09	1.77E-09	5.91E-10	2.37E-09	1.38E-09	2.85E-10	1.67E-09
1587	625275.73	4265482.5	8.92E-09	3.07E-09	1.20E-08	7.45E-09	2.30E-09	9.75E-09	1.76E-09	5.87E-10	2.35E-09	1.38E-09	2.83E-10	1.66E-09
1588	625279.35	4265491.64	8.86E-09	3.05E-09	1.19E-08	7.41E-09	2.28E-09	9.69E-09	1.75E-09	5.84E-10	2.34E-09	1.37E-09	2.81E-10	1.65E-09
1589	625282.96	4265500.78	8.81E-09	3.03E-09	1.18E-08	7.36E-09	2.27E-09	9.63E-09	1.74E-09	5.80E-10	2.32E-09	1.36E-09	2.80E-10	1.64E-09
1590	625286.58	4265509.92	8.75E-09	3.01E-09	1.18E-08	7.32E-09	2.25E-09	9.57E-09	1.73E-09	5.77E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
1591	625290.2	4265519.06	8.69E-09	2.99E-09	1.17E-08	7.27E-09	2.24E-09	9.51E-09	1.72E-09	5.73E-10	2.29E-09	1.34E-09	2.76E-10	1.62E-09
1592	625293.82	4265528.19	8.63E-09	2.97E-09	1.16E-08	7.22E-09	2.22E-09	9.44E-09	1.71E-09	5.69E-10	2.28E-09	1.33E-09	2.74E-10	1.61E-09
1593	625297.43	4265537.33	8.57E-09	2.95E-09	1.15E-08	7.16E-09	2.21E-09	9.37E-09	1.70E-09	5.65E-10	2.26E-09	1.32E-09	2.72E-10	1.59E-09
1594	625301.05	4265546.47	8.51E-09	2.92E-09	1.14E-08	7.11E-09	2.19E-09	9.30E-09	1.68E-09	5.60E-10	2.24E-09	1.31E-09	2.70E-10	1.58E-09
1595	625304.67	4265555.61	8.44E-09	2.90E-09	1.13E-08	7.05E-09	2.17E-09	9.23E-09	1.67E-09	5.56E-10	2.23E-09	1.30E-09	2.68E-10	1.57E-09
1596	625308.28	4265564.75	8.37E-09	2.88E-09	1.12E-08	6.99E-09	2.15E-09	9.15E-09	1.66E-09	5.51E-10	2.21E-09	1.29E-09	2.66E-10	1.56E-09
1597	625311.9	4265573.88	8.30E-09	2.85E-09	1.11E-08	6.93E-09	2.14E-09	9.07E-09	1.64E-09	5.47E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
1598	625315.52	4265583.02	8.22E-09	2.83E-09	1.10E-08	6.87E-09	2.12E-09	8.99E-09	1.63E-09	5.42E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
1599	625319.13	4265592.16	8.15E-09	2.80E-09	1.09E-08	6.81E-09	2.10E-09	8.91E-09	1.61E-09	5.37E-10	2.15E-09	1.26E-09	2.59E-10	1.52E-09
1600	625322.75	4265601.3	8.07E-09	2.77E-09	1.08E-08	6.74E-09	2.08E-09	8.82E-09	1.60E-09	5.31E-10	2.13E-09	1.24E-09	2.56E-10	1.50E-09
1601	625326.37	4265610.44	7.98E-09	2.74E-09	1.07E-08	6.67E-09	2.06E-09	8.73E-09	1.58E-09	5.26E-10	2.11E-09	1.23E-09	2.53E-10	1.49E-09
1602	625329.98	4265619.57	7.90E-09	2.72E-09	1.06E-08	6.60E-09	2.03E-09	8.63E-09	1.56E-09	5.20E-10	2.08E-09	1.22E-09	2.51E-10	1.47E-09
1603	625333.6	4265628.71	7.81E-09	2.68E-09	1.05E-08	6.52E-09	2.01E-09	8.53E-09	1.54E-09	5.14E-10	2.06E-09	1.20E-09	2.48E-10	1.45E-09
1604	625337.22	4265637.85	7.71E-09	2.65E-09	1.04E-08	6.45E-09	1.99E-09	8.43E-09	1.53E-09	5.08E-10	2.03E-09	1.19E-09	2.45E-10	1.43E-09
1605	625340.83	4265646.99	7.62E-09	2.62E-09	1.02E-08	6.37E-09	1.96E-09	8.33E-09	1.51E-09	5.02E-10	2.01E-09	1.18E-09	2.42E-10	1.42E-09
1606	625344.45	4265656.13	7.52E-09	2.59E-09	1.01E-08	6.29E-09	1.94E-09	8.22E-09	1.49E-09	4.96E-10	1.98E-09	1.16E-09	2.39E-10	1.40E-09
1607	625348.07	4265665.26	7.42E-09	2.55E-09	9.98E-09	6.21E-09	1.91E-09	8.12E-09	1.47E-09	4.89E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
1608	625351.69	4265674.4	7.33E-09	2.52E-09	9.84E-09	6.12E-09	1.89E-09	8.01E-09	1.45E-09	4.83E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
1609	624862.3	4265175.36	1.23E-08	4.25E-09	1.66E-08	1.03E-08	3.18E-09	1.35E-08	2.44E-09	8.13E-10	3.26E-09	1.90E-09	3.92E-10	2.30E-09
1610	624852.39	4265175.22	1.23E-08	4.25E-09	1.66E-08	1.03E-08	3.18E-09	1.35E-08	2.44E-09	8.13E-10	3.26E-09	1.90E-09	3.92E-10	2.30E-09
1611	624842.48	4265175.08	1.23E-08	4.24E-09	1.66E-08	1.03E-08	3.18E-09	1.35E-08	2.44E-09	8.13E-10	3.25E-09	1.90E-09	3.92E-10	2.30E-09
1612	624832.58	4265174.95	1.23E-08	4.24E-09	1.66E-08	1.03E-08	3.17E-09	1.35E-08	2.44E-09	8.12E-10	3.25E-09	1.90E-09	3.91E-10	2.29E-09
1613	624822.67	4265174.81	1.23E-08	4.23E-09	1.65E-08	1.03E-08	3.17E-09	1.35E-08	2.44E-09	8.11E-10	3.25E-09	1.90E-09	3.90E-10	2.29E-09
1614	624812.76	4265174.67	1.23E-08	4.22E-09	1.65E-08	1.03E-08	3.16E-09	1.34E-08	2.43E-09	8.09E-10	3.24E-09	1.89E-09	3.90E-10	2.28E-09
1615	624802.85	4265174.53	1.22E-08	4.21E-09	1.65E-08	1.02E-08	3.15E-09	1.34E-08	2.42E-09	8.07E-10	3.23E-09	1.89E-09	3.88E-10	2.28E-09
1616	624792.94	4265174.4	1.22E-08	4.19E-09	1.64E-08	1.02E-08	3.14E-09	1.33E-08	2.41E-09	8.04E-10	3.22E-09	1.88E-09	3.87E-10	2.27E-09
1617	624783.03	4265174.26	1.21E-08	4.18E-09	1.63E-08	1.01E-08	3.13E-09	1.33E-08	2.40E-09	8.00E-10	3.20E-09	1.87E-09	3.85E-10	2.26E-09
1618	624773.12	4265174.12	1.21E-08	4.15E-09	1.62E-08	1.01E-08	3.11E-09	1.32E-08	2.39E-09	7.96E-10	3.19E-09	1.86E-09	3.83E-10	2.25E-09
1619	624763.21	4265173.98	1.20E-08	4.13E-09	1.61E-08	1.00E-08	3.09E-09	1.31E-08	2.38E-09	7.91E-10	3.17E-09	1.85E-09	3.81E-10	2.23E-09
1620	624753.31	4265173.85	1.19E-08	4.10E-09	1.60E-08	9.97E-09	3.07E-09	1.30E-08	2.36E-09	7.86E-10	3.15E-09	1.84E-09	3.78E-10	2.22E-09
1621	624743.4	4265173.71	1.18E-08	4.07E-09	1.59E-08	9.89E-09	3.05E-09	1.29E-08	2.34E-09	7.79E-10	3.12E-09	1.83E-09	3.75E-10	2.20E-09
1622	624733.49	4265173.57	1.17E-08	4.03E-09	1.58E-08	9.80E-09	3.02E-09	1.28E-08	2.32E-09	7.72E-10	3.09E-09	1.81E-09	3.72E-10	2.18E-09
1623	624723.58	4265173.43	1.16E-08	3.99E-09	1.56E-08	9.70E-09	2.99E-09	1.27E-08	2.30E-09	7.64E-10	3.06E-09	1.79E-09	3.68E-10	2.16E-09
1624	624713.67	4265173.3	1.15E-08	3.95E-09	1.54E-08	9.59E-09	2.95E-09	1.25E-08	2.27E-09	7.56E-10	3.03E-09	1.77E-09	3.64E-10	2.13E-09
1625	624703.76	4265173.16	1.13E-08	3.90E-09	1.52E-08	9.48E-09	2.92E-09	1.24E-08	2.25E-09	7.48E-10	2.99E-09	1.75E-09	3.60E-10	2.11E-09
1626	624693.85	4265173.02	1.12E-08	3.85E-09	1.51E-08	9.37E-09	2.89E-09	1.23E-08	2.22E-09	7.39E-10	2.96E-09	1.73E-09	3.56E-10	2.09E-09
1627	624683.94	4265172.88	1.11E-08	3.81E-09	1.49E-08	9.25E-09	2.85E-09	1.21E-08	2.19E-09	7.29E-10	2.92E-09	1.71E-09	3.51E-10	2.06E-09
1628	624674.04	4265172.75	1.09E-08	3.76E-09	1.47E-08	9.13E-09	2.81E-09	1.19E-08	2.16E-09	7.20E-10	2.88E-09	1.69E-09	3.47E-10	2.03E-09
1629	624664.13	4265172.61	1.08E-08	3.71E-09	1.45E-08	9.01E-09	2.77E-09	1.18E-08	2.13E-09	7.10E-10	2.84E-09	1.66E-09	3.42E-10	2.00E-09
1630	624654.22	4265172.47	1.06E-08	3.66E-09	1.43E-08	8.89E-09	2.74E-09	1.16E-08	2.10E-09	7.00E-10	2.80E-09	1.64E-09	3.37E-10	1.98E-09
1631	624644.31	4265172.34	1.05E-08	3.61E-09	1.41E-08	8.76E-09	2.70E-09	1.15E-08	2.08E-09	6.91E-10	2.77E-09	1.62E-09	3.33E-10	1.95E-09
1632	624634.4	4265172.2	1.03E-08	3.56E-09	1.39E-08	8.65E-09	2.66E-09	1.13E-08	2.05E-09	6.81E-10	2.73E-09	1.60E-09	3.28E-10	1.92E-09
1633	624624.49	4265172.06	1.02E-08	3.51E-09	1.37E-08	8.53E-09	2.63E-09	1.12E-08	2.02E-09	6.72E-10	2.69E-09	1.57E-09	3.24E-10	1.90E-09
1634	624614.58	4265171.92	1.01E-08	3.46E-09	1.35E-08	8.42E-09	2.59E-09	1.10E-08	1.99E-09	6.63E-10	2.66E-09	1.55E-09	3.20E-10	1.87E-09
1635	624604.67	4265171.79	9.94E-09	3.42E-09	1.34E-08	8.31E-09	2.56E-09	1.09E-08	1.97E-09	6.55E-10	2.62E-09	1.53E-09	3.15E-10	1.85E-09
1636	624594.76	4265171.65	9.81E-09	3.37E-09	1.32E-08	8.20E-09	2.53E-09	1.07E-08	1.94E-09	6.47E-10	2.59E-09	1.51E-09	3.11E-10	1.83E-09
1637	624584.86	4265171.51	9.69E-09	3.33E-09	1.30E-08	8.10E-09	2.50E-09	1.06E-08	1.92E-09	6.39E-10	2.56E-09	1.50E-09	3.08E-10	1.80E-09
1638	624574.95	4265171.37	9.58E-09	3.29E-09	1.29E-08	8.00E-09	2.47E-09	1.05E-08	1.90E-09	6.31E-10	2.53E-09	1.48E-09	3.04E-10	1.78E-09
1639	624565.04	4265171.24	9.46E-09	3.25E-09	1.27E-08	7.91E-09	2.44E-09	1.03E-08	1.87E-09	6.24E-10	2.50E-09	1.46E-09	3.00E-10	1.76E-09
1640	624555.13	4265171.1	9.36E-09	3.22E-09	1.26E-08	7.82E-09	2.41E-09	1.02E-08	1.85E-09	6.16E-10	2.47E-09	1.44E-09	2.97E-10	1.74E-09
1641	624545.22	4265170.96	9.25E-09	3.18E-09	1.24E-08	7.73E-09	2.38E-09	1.01E-08	1.83E-09	6.09E-10	2.44E-09	1.43E-09	2.94E-10	1.72E-09
1642	624535.31	4265170.82	9.15E-09	3.15E-09	1.23E-08	7.65E-09	2.36E-09	1.00E-08	1.81E-09	6.03E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
1643	624525.4	4265170.69	9.05E-09	3.11E-09	1.22E-08	7.56E-09	2.33E-09	9.89E-09	1.79E-09	5.96E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
1644	624515.49	4265170.55	8.95E-09	3.08E-09	1.20E-08	7.48E-09	2.30E-09	9.78E-09	1.77E-09	5.90E-10	2.36E-09	1.38E-09	2.84E-10	1.66E-09
1645	624505.59	4265170.41	8.85E-09	3.04E-09	1.19E-08	7.40E-09	2.28E-09	9.68E-09	1.75E-09	5.83E-10	2.33E-09	1.37E-09	2.81E-10	1.65E-09
1646	624495.68	4265170.27	8.75E-09	3.01E-09	1.18E-08	7.31E-09	2.25E-09	9.57E-09	1.73E-09	5.76E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
1647	624485.77	4265170.14	8.65E-09	2.97E-09	1.16E-08	7.23E-09	2.23E-09	9.46E-09	1.71E-09	5.70E-10	2.28E-09	1.33E-09	2.75E-10	1.61E-09
1648	624475.86	4265170	8.55E-09	2.94E-09	1.15E-08	7.15E-09	2.20E-09	9.35E-09	1.69E-09	5.63E-10	2.26E-09	1.32E-09	2.71E-10	1.59E-09
1649	624465.95	4265169.86	8.45E-09	2.91E-09	1.14E-08	7.06E-09	2.18E-09	9.24E-09	1.67E-09	5.57E-10	2.23E-09	1.30E-09	2.68E-10	1.57E-09
1650	624456.04	4265169.72	8.35E-09	2.87E-09	1.12E-08	6.98E-09	2.15E-09	9.13E-09	1.65E-09	5.50E-10	2.20E-09	1.29E-09	2.65E-10	1.55E-09
1651	624446.13	4265169.59	8.25E-09	2.84E-09	1.11E-08	6.90E-09	2.13E-09	9.03E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
1652	624436.22	4265169.45	8.16E-09	2.80E-09	1.10E-08	6.82E-09	2.10E-09	8.92E-09	1.61E-09	5.37E-10	2.15E-09	1.26E-09	2.59E-10	1.52E-09

1653	624426.32	4265169.31	8.05E-09	2.77E-09	1.08E-08	6.73E-09	2.07E-09	8.81E-09	1.59E-09	5.31E-10	2.13E-09	1.24E-09	2.56E-10	1.50E-09
1654	624416.41	4265169.18	7.95E-09	2.73E-09	1.07E-08	6.65E-09	2.05E-09	8.70E-09	1.57E-09	5.24E-10	2.10E-09	1.23E-09	2.52E-10	1.48E-09
1655	624406.5	4265169.04	7.85E-09	2.70E-09	1.06E-08	6.56E-09	2.02E-09	8.58E-09	1.55E-09	5.17E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
1656	624396.59	4265168.9	7.75E-09	2.66E-09	1.04E-08	6.48E-09	1.99E-09	8.47E-09	1.53E-09	5.11E-10	2.04E-09	1.20E-09	2.46E-10	1.44E-09
1657	624386.68	4265168.76	7.65E-09	2.63E-09	1.03E-08	6.39E-09	1.97E-09	8.36E-09	1.51E-09	5.04E-10	2.02E-09	1.18E-09	2.43E-10	1.42E-09
1658	624376.77	4265168.63	7.54E-09	2.59E-09	1.01E-08	6.30E-09	1.94E-09	8.24E-09	1.49E-09	4.97E-10	1.99E-09	1.16E-09	2.39E-10	1.40E-09
1659	624366.86	4265168.49	7.43E-09	2.56E-09	9.99E-09	6.21E-09	1.91E-09	8.13E-09	1.47E-09	4.90E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
1660	624872	4265129.25	1.11E-08	3.82E-09	1.49E-08	9.28E-09	2.86E-09	1.21E-08	2.20E-09	7.32E-10	2.93E-09	1.71E-09	3.52E-10	2.07E-09
1661	624881	4265133.13	1.12E-08	3.85E-09	1.51E-08	9.36E-09	2.88E-09	1.22E-08	2.22E-09	7.38E-10	2.96E-09	1.73E-09	3.55E-10	2.08E-09
1662	624890.01	4265137.01	1.13E-08	3.88E-09	1.52E-08	9.44E-09	2.91E-09	1.23E-08	2.23E-09	7.44E-10	2.98E-09	1.74E-09	3.58E-10	2.10E-09
1663	624899.01	4265140.9	1.14E-08	3.91E-09	1.53E-08	9.51E-09	2.93E-09	1.24E-08	2.25E-09	7.49E-10	3.00E-09	1.75E-09	3.61E-10	2.12E-09
1664	624908.01	4265144.78	1.14E-08	3.94E-09	1.54E-08	9.57E-09	2.95E-09	1.25E-08	2.27E-09	7.54E-10	3.02E-09	1.77E-09	3.63E-10	2.13E-09
1665	624917.01	4265148.66	1.15E-08	3.96E-09	1.55E-08	9.63E-09	2.97E-09	1.26E-08	2.28E-09	7.59E-10	3.04E-09	1.78E-09	3.66E-10	2.14E-09
1666	624926.02	4265152.55	1.16E-08	3.98E-09	1.56E-08	9.68E-09	2.98E-09	1.27E-08	2.29E-09	7.63E-10	3.06E-09	1.79E-09	3.68E-10	2.16E-09
1667	624935.02	4265156.43	1.16E-08	4.00E-09	1.56E-08	9.73E-09	3.00E-09	1.27E-08	2.30E-09	7.67E-10	3.07E-09	1.80E-09	3.70E-10	2.17E-09
1668	624944.02	4265160.31	1.17E-08	4.02E-09	1.57E-08	9.78E-09	3.01E-09	1.28E-08	2.31E-09	7.71E-10	3.09E-09	1.80E-09	3.71E-10	2.18E-09
1669	624953.03	4265164.2	1.17E-08	4.04E-09	1.58E-08	9.81E-09	3.02E-09	1.28E-08	2.32E-09	7.73E-10	3.10E-09	1.81E-09	3.73E-10	2.18E-09
1670	624962.03	4265168.08	1.18E-08	4.05E-09	1.58E-08	9.84E-09	3.03E-09	1.29E-08	2.33E-09	7.76E-10	3.11E-09	1.82E-09	3.74E-10	2.19E-09
1671	624971.03	4265171.96	1.18E-08	4.06E-09	1.59E-08	9.87E-09	3.04E-09	1.29E-08	2.34E-09	7.78E-10	3.12E-09	1.82E-09	3.75E-10	2.20E-09
1672	624980.04	4265175.85	1.18E-08	4.07E-09	1.59E-08	9.89E-09	3.05E-09	1.29E-08	2.34E-09	7.79E-10	3.12E-09	1.83E-09	3.75E-10	2.20E-09
1673	624989.04	4265179.73	1.18E-08	4.07E-09	1.59E-08	9.90E-09	3.05E-09	1.29E-08	2.34E-09	7.80E-10	3.12E-09	1.83E-09	3.76E-10	2.20E-09
1674	624998.04	4265183.61	1.18E-08	4.07E-09	1.59E-08	9.90E-09	3.05E-09	1.29E-08	2.34E-09	7.80E-10	3.12E-09	1.83E-09	3.76E-10	2.20E-09
1675	625007.05	4265187.5	1.18E-08	4.07E-09	1.59E-08	9.89E-09	3.05E-09	1.29E-08	2.34E-09	7.79E-10	3.12E-09	1.83E-09	3.75E-10	2.20E-09
1676	625016.05	4265191.38	1.18E-08	4.06E-09	1.59E-08	9.87E-09	3.04E-09	1.29E-08	2.34E-09	7.78E-10	3.12E-09	1.82E-09	3.75E-10	2.20E-09
1677	625025.05	4265195.26	1.18E-08	4.05E-09	1.58E-08	9.84E-09	3.03E-09	1.29E-08	2.33E-09	7.76E-10	3.11E-09	1.82E-09	3.74E-10	2.19E-09
1678	625034.06	4265199.14	1.17E-08	4.04E-09	1.58E-08	9.81E-09	3.02E-09	1.28E-08	2.32E-09	7.73E-10	3.10E-09	1.81E-09	3.72E-10	2.18E-09
1679	625043.06	4265203.03	1.17E-08	4.02E-09	1.57E-08	9.76E-09	3.01E-09	1.28E-08	2.31E-09	7.70E-10	3.08E-09	1.80E-09	3.71E-10	2.17E-09
1680	625052.06	4265206.91	1.16E-08	3.99E-09	1.56E-08	9.71E-09	2.99E-09	1.27E-08	2.30E-09	7.65E-10	3.06E-09	1.79E-09	3.69E-10	2.16E-09
1681	625061.07	4265210.79	1.15E-08	3.97E-09	1.55E-08	9.65E-09	2.97E-09	1.26E-08	2.28E-09	7.60E-10	3.05E-09	1.78E-09	3.66E-10	2.15E-09
1682	625070.07	4265214.68	1.15E-08	3.94E-09	1.54E-08	9.58E-09	2.95E-09	1.25E-08	2.27E-09	7.55E-10	3.02E-09	1.77E-09	3.64E-10	2.13E-09
1683	625079.07	4265218.56	1.14E-08	3.91E-09	1.53E-08	9.50E-09	2.93E-09	1.24E-08	2.25E-09	7.49E-10	3.00E-09	1.75E-09	3.61E-10	2.11E-09
1684	625088.07	4265222.44	1.13E-08	3.87E-09	1.51E-08	9.41E-09	2.90E-09	1.23E-08	2.23E-09	7.42E-10	2.97E-09	1.74E-09	3.57E-10	2.09E-09
1685	625097.08	4265226.33	1.11E-08	3.83E-09	1.50E-08	9.31E-09	2.87E-09	1.22E-08	2.21E-09	7.34E-10	2.94E-09	1.72E-09	3.54E-10	2.07E-09
1686	625106.08	4265230.21	1.10E-08	3.79E-09	1.48E-08	9.21E-09	2.84E-09	1.20E-08	2.18E-09	7.26E-10	2.91E-09	1.70E-09	3.50E-10	2.05E-09
1687	625115.08	4265234.09	1.09E-08	3.74E-09	1.46E-08	9.10E-09	2.80E-09	1.19E-08	2.15E-09	7.17E-10	2.87E-09	1.68E-09	3.46E-10	2.03E-09
1688	625124.09	4265237.98	1.07E-08	3.70E-09	1.44E-08	8.98E-09	2.77E-09	1.18E-08	2.13E-09	7.08E-10	2.84E-09	1.66E-09	3.41E-10	2.00E-09
1689	625133.09	4265241.86	1.06E-08	3.65E-09	1.43E-08	8.86E-09	2.73E-09	1.16E-08	2.10E-09	6.99E-10	2.80E-09	1.64E-09	3.37E-10	1.97E-09
1690	625142.09	4265245.74	1.05E-08	3.60E-09	1.41E-08	8.74E-09	2.69E-09	1.14E-08	2.07E-09	6.89E-10	2.76E-09	1.61E-09	3.32E-10	1.95E-09
1691	625151.1	4265249.63	1.03E-08	3.54E-09	1.38E-08	8.61E-09	2.65E-09	1.13E-08	2.04E-09	6.79E-10	2.72E-09	1.59E-09	3.27E-10	1.92E-09
1692	625160.1	4265253.51	1.02E-08	3.49E-09	1.36E-08	8.48E-09	2.61E-09	1.11E-08	2.01E-09	6.69E-10	2.68E-09	1.57E-09	3.22E-10	1.89E-09
1693	625169.1	4265257.39	9.99E-09	3.44E-09	1.34E-08	8.35E-09	2.57E-09	1.09E-08	1.98E-09	6.58E-10	2.64E-09	1.54E-09	3.17E-10	1.86E-09
1694	625178.11	4265261.28	9.83E-09	3.38E-09	1.32E-08	8.22E-09	2.53E-09	1.07E-08	1.95E-09	6.48E-10	2.59E-09	1.52E-09	3.12E-10	1.83E-09
1695	625187.11	4265265.16	9.67E-09	3.32E-09	1.30E-08	8.08E-09	2.49E-09	1.06E-08	1.91E-09	6.37E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
1696	625196.11	4265269.04	9.51E-09	3.27E-09	1.28E-08	7.95E-09	2.45E-09	1.04E-08	1.88E-09	6.26E-10	2.51E-09	1.47E-09	3.02E-10	1.77E-09
1697	625205.12	4265272.93	9.35E-09	3.21E-09	1.26E-08	7.81E-09	2.41E-09	1.02E-08	1.85E-09	6.16E-10	2.47E-09	1.44E-09	2.97E-10	1.74E-09
1698	625214.12	4265276.81	9.19E-09	3.16E-09	1.23E-08	7.68E-09	2.37E-09	1.00E-08	1.82E-09	6.05E-10	2.42E-09	1.42E-09	2.92E-10	1.71E-09
1699	625223.12	4265280.69	9.03E-09	3.10E-09	1.21E-08	7.55E-09	2.32E-09	9.87E-09	1.79E-09	5.95E-10	2.38E-09	1.39E-09	2.87E-10	1.68E-09
1700	625232.12	4265284.58	8.87E-09	3.05E-09	1.19E-08	7.42E-09	2.28E-09	9.70E-09	1.76E-09	5.85E-10	2.34E-09	1.37E-09	2.82E-10	1.65E-09
1701	625241.13	4265288.46	8.72E-09	3.00E-09	1.17E-08	7.29E-09	2.24E-09	9.53E-09	1.73E-09	5.74E-10	2.30E-09	1.35E-09	2.77E-10	1.62E-09
1702	625253.74	4265301.46	8.55E-09	2.94E-09	1.15E-08	7.15E-09	2.20E-09	9.35E-09	1.69E-09	5.63E-10	2.26E-09	1.32E-09	2.71E-10	1.59E-09
1703	625257.35	4265310.58	8.53E-09	2.93E-09	1.15E-08	7.13E-09	2.20E-09	9.33E-09	1.69E-09	5.62E-10	2.25E-09	1.32E-09	2.71E-10	1.59E-09
1704	625260.96	4265319.69	8.51E-09	2.93E-09	1.14E-08	7.11E-09	2.19E-09	9.30E-09	1.68E-09	5.61E-10	2.24E-09	1.31E-09	2.70E-10	1.58E-09
1705	625264.57	4265328.81	8.49E-09	2.92E-09	1.14E-08	7.09E-09	2.18E-09	9.28E-09	1.68E-09	5.59E-10	2.24E-09	1.31E-09	2.69E-10	1.58E-09
1706	625268.17	4265337.93	8.46E-09	2.91E-09	1.14E-08	7.07E-09	2.18E-09	9.25E-09	1.68E-09	5.58E-10	2.23E-09	1.31E-09	2.69E-10	1.57E-09
1707	625271.78	4265347.04	8.44E-09	2.90E-09	1.13E-08	7.05E-09	2.17E-09	9.23E-09	1.67E-09	5.56E-10	2.23E-09	1.30E-09	2.68E-10	1.57E-09
1708	625275.39	4265356.16	8.41E-09	2.89E-09	1.13E-08	7.03E-09	2.17E-09	9.20E-09	1.67E-09	5.54E-10	2.22E-09	1.30E-09	2.67E-10	1.57E-09
1709	625279	4265365.28	8.39E-09	2.88E-09	1.13E-08	7.01E-09	2.16E-09	9.17E-09	1.66E-09	5.53E-10	2.21E-09	1.29E-09	2.66E-10	1.56E-09
1710	625282.61	4265374.39	8.36E-09	2.87E-09	1.12E-08	6.99E-09	2.15E-09	9.14E-09	1.65E-09	5.51E-10	2.20E-09	1.29E-09	2.65E-10	1.55E-09
1711	625286.22	4265383.51	8.33E-09	2.86E-09	1.12E-08	6.96E-09	2.14E-09	9.10E-09	1.65E-09	5.49E-10	2.20E-09	1.28E-09	2.64E-10	1.55E-09
1712	625289.82	4265392.63	8.30E-09	2.85E-09	1.11E-08	6.93E-09	2.14E-09	9.07E-09	1.64E-09	5.47E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
1713	625293.43	4265401.74	8.26E-09	2.84E-09	1.11E-08	6.91E-09	2.13E-09	9.03E-09	1.64E-09	5.44E-10	2.18E-09	1.28E-09	2.62E-10	1.54E-09
1714	625297.04	4265410.86	8.23E-09	2.83E-09	1.11E-08	6.88E-09	2.12E-09	9.00E-09	1.63E-09	5.42E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
1715	625300.65	4265419.98	8.19E-09	2.82E-09	1.10E-08	6.85E-09	2.11E-09	8.96E-09	1.62E-09	5.40E-10	2.16E-09	1.26E-09	2.60E-10	1.52E-09
1716	625304.26	4265429.09	8.16E-09	2.81E-09	1.10E-08	6.82E-09	2.10E-09	8.92E-09	1.61E-09	5.37E-10	2.15E-09	1.26E-09	2.59E-10	1.52E-09
1717	625307.87	4265438.21	8.12E-09	2.79E-09	1.09E-08	6.79E-09	2.09E-09	8.88E-09	1.61E-09	5.35E-10	2.14E-09	1.25E-09	2.58E-10	1.51E-09
1718	625311.48	4265447.33	8.08E-09	2.78E-09	1.09E-08	6.75E-09	2.08E-09	8.83E-09	1.60E-09	5.32E-10	2.13E-09	1.25E-09	2.56E-10	1.50E-09
1719	625315.08	4265456.44	8.04E-09	2.76E-09	1.08E-08	6.72E-09	2.07E-09	8.79E-09	1.59E-09	5.30E-10	2.12E-09	1.24E-09	2.55E-10	1.50E-09
1720	625318.69	4265465.56	8.00E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
1721	625322.3	4265474.68	7.95E-09	2.73E-09	1.07E-08	6.65E-09	2.05E-09	8.69E-09	1.57E-09	5.24E-10	2.10E-09	1.23E-09	2.52E-10	1.48E-09

1722	625325.91	4265483.8	7.91E-09	2.72E-09	1.06E-08	6.61E-09	2.04E-09	8.65E-09	1.57E-09	5.21E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
1723	625329.52	4265492.91	7.86E-09	2.70E-09	1.06E-08	6.57E-09	2.02E-09	8.59E-09	1.56E-09	5.18E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
1724	625333.13	4265502.03	7.81E-09	2.69E-09	1.05E-08	6.53E-09	2.01E-09	8.54E-09	1.55E-09	5.15E-10	2.06E-09	1.21E-09	2.48E-10	1.45E-09
1725	625336.73	4265511.15	7.76E-09	2.67E-09	1.04E-08	6.49E-09	2.00E-09	8.48E-09	1.54E-09	5.11E-10	2.05E-09	1.20E-09	2.46E-10	1.44E-09
1726	625340.34	4265520.26	7.71E-09	2.65E-09	1.04E-08	6.44E-09	1.98E-09	8.43E-09	1.53E-09	5.08E-10	2.03E-09	1.19E-09	2.45E-10	1.43E-09
1727	625343.95	4265529.38	7.65E-09	2.63E-09	1.03E-08	6.40E-09	1.97E-09	8.37E-09	1.51E-09	5.04E-10	2.02E-09	1.18E-09	2.43E-10	1.42E-09
1728	625347.56	4265538.5	7.60E-09	2.61E-09	1.02E-08	6.35E-09	1.96E-09	8.31E-09	1.50E-09	5.01E-10	2.00E-09	1.17E-09	2.41E-10	1.41E-09
1729	625351.17	4265547.61	7.54E-09	2.59E-09	1.01E-08	6.30E-09	1.94E-09	8.24E-09	1.49E-09	4.97E-10	1.99E-09	1.16E-09	2.39E-10	1.40E-09
1730	625354.78	4265556.73	7.48E-09	2.57E-09	1.00E-08	6.25E-09	1.93E-09	8.18E-09	1.48E-09	4.93E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
1731	625358.39	4265565.85	7.42E-09	2.55E-09	9.97E-09	6.20E-09	1.91E-09	8.11E-09	1.47E-09	4.89E-10	1.96E-09	1.14E-09	2.35E-10	1.38E-09
1732	625361.99	4265574.96	7.35E-09	2.53E-09	9.88E-09	6.14E-09	1.89E-09	8.04E-09	1.46E-09	4.84E-10	1.94E-09	1.13E-09	2.33E-10	1.37E-09
1733	625365.6	4265584.08	7.28E-09	2.50E-09	9.79E-09	6.09E-09	1.88E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.36E-09
1734	625369.21	4265593.2	7.21E-09	2.48E-09	9.69E-09	6.03E-09	1.86E-09	7.89E-09	1.43E-09	4.75E-10	1.90E-09	1.11E-09	2.29E-10	1.34E-09
1735	625372.82	4265602.31	7.14E-09	2.46E-09	9.60E-09	5.97E-09	1.84E-09	7.81E-09	1.41E-09	4.71E-10	1.88E-09	1.10E-09	2.27E-10	1.33E-09
1736	625376.43	4265611.43	7.07E-09	2.43E-09	9.50E-09	5.91E-09	1.82E-09	7.73E-09	1.40E-09	4.66E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
1737	625380.04	4265620.55	6.99E-09	2.40E-09	9.39E-09	5.84E-09	1.80E-09	7.64E-09	1.38E-09	4.61E-10	1.84E-09	1.08E-09	2.22E-10	1.30E-09
1738	625383.64	4265629.66	6.91E-09	2.38E-09	9.29E-09	5.78E-09	1.78E-09	7.56E-09	1.37E-09	4.55E-10	1.82E-09	1.07E-09	2.19E-10	1.29E-09
1739	625387.25	4265638.78	6.83E-09	2.35E-09	9.18E-09	5.71E-09	1.76E-09	7.47E-09	1.35E-09	4.50E-10	1.80E-09	1.05E-09	2.17E-10	1.27E-09
1740	625390.86	4265647.9	6.75E-09	2.32E-09	9.07E-09	5.64E-09	1.74E-09	7.38E-09	1.34E-09	4.44E-10	1.78E-09	1.04E-09	2.14E-10	1.26E-09
1741	625394.47	4265657.01	6.66E-09	2.29E-09	8.95E-09	5.57E-09	1.71E-09	7.28E-09	1.32E-09	4.39E-10	1.76E-09	1.03E-09	2.11E-10	1.24E-09
1742	625398.08	4265666.13	6.57E-09	2.26E-09	8.83E-09	5.50E-09	1.69E-09	7.19E-09	1.30E-09	4.33E-10	1.73E-09	1.01E-09	2.09E-10	1.22E-09
1743	625401.69	4265675.25	6.49E-09	2.23E-09	8.72E-09	5.42E-09	1.67E-09	7.09E-09	1.28E-09	4.27E-10	1.71E-09	1.00E-09	2.06E-10	1.21E-09
1744	624863	4265125.36	1.10E-08	3.78E-09	1.48E-08	9.20E-09	2.83E-09	1.20E-08	2.18E-09	7.25E-10	2.90E-09	1.70E-09	3.49E-10	2.05E-09
1745	624853.09	4265125.23	1.10E-08	3.78E-09	1.48E-08	9.19E-09	2.83E-09	1.20E-08	2.18E-09	7.24E-10	2.90E-09	1.70E-09	3.49E-10	2.04E-09
1746	624843.18	4265125.09	1.10E-08	3.77E-09	1.47E-08	9.17E-09	2.82E-09	1.20E-08	2.17E-09	7.23E-10	2.89E-09	1.69E-09	3.48E-10	2.04E-09
1747	624833.27	4265124.95	1.09E-08	3.76E-09	1.47E-08	9.14E-09	2.82E-09	1.20E-08	2.17E-09	7.21E-10	2.89E-09	1.69E-09	3.47E-10	2.04E-09
1748	624823.36	4265124.81	1.09E-08	3.75E-09	1.47E-08	9.12E-09	2.81E-09	1.19E-08	2.16E-09	7.19E-10	2.88E-09	1.68E-09	3.46E-10	2.03E-09
1749	624813.45	4265124.68	1.09E-08	3.74E-09	1.46E-08	9.09E-09	2.80E-09	1.19E-08	2.15E-09	7.16E-10	2.87E-09	1.68E-09	3.45E-10	2.02E-09
1750	624803.54	4265124.54	1.08E-08	3.72E-09	1.46E-08	9.05E-09	2.79E-09	1.18E-08	2.14E-09	7.14E-10	2.86E-09	1.67E-09	3.44E-10	2.01E-09
1751	624793.63	4265124.4	1.08E-08	3.71E-09	1.45E-08	9.01E-09	2.78E-09	1.18E-08	2.13E-09	7.10E-10	2.84E-09	1.66E-09	3.42E-10	2.01E-09
1752	624783.73	4265124.26	1.07E-08	3.69E-09	1.44E-08	8.96E-09	2.76E-09	1.17E-08	2.12E-09	7.07E-10	2.83E-09	1.65E-09	3.40E-10	2.00E-09
1753	624773.82	4265124.13	1.07E-08	3.67E-09	1.43E-08	8.91E-09	2.75E-09	1.17E-08	2.11E-09	7.02E-10	2.81E-09	1.65E-09	3.38E-10	1.98E-09
1754	624763.91	4265123.99	1.06E-08	3.64E-09	1.42E-08	8.85E-09	2.73E-09	1.16E-08	2.10E-09	6.98E-10	2.79E-09	1.63E-09	3.36E-10	1.97E-09
1755	624754	4265123.85	1.05E-08	3.62E-09	1.41E-08	8.79E-09	2.71E-09	1.15E-08	2.08E-09	6.93E-10	2.77E-09	1.62E-09	3.34E-10	1.96E-09
1756	624744.09	4265123.71	1.04E-08	3.59E-09	1.40E-08	8.72E-09	2.69E-09	1.14E-08	2.06E-09	6.87E-10	2.75E-09	1.61E-09	3.31E-10	1.94E-09
1757	624734.18	4265123.58	1.03E-08	3.55E-09	1.39E-08	8.64E-09	2.66E-09	1.13E-08	2.05E-09	6.81E-10	2.73E-09	1.60E-09	3.28E-10	1.92E-09
1758	624724.27	4265123.44	1.02E-08	3.52E-09	1.38E-08	8.55E-09	2.64E-09	1.12E-08	2.03E-09	6.74E-10	2.70E-09	1.58E-09	3.25E-10	1.90E-09
1759	624714.36	4265123.3	1.01E-08	3.48E-09	1.36E-08	8.46E-09	2.61E-09	1.11E-08	2.00E-09	6.67E-10	2.67E-09	1.56E-09	3.21E-10	1.88E-09
1760	624704.46	4265123.16	1.00E-08	3.44E-09	1.35E-08	8.37E-09	2.58E-09	1.10E-08	1.98E-09	6.60E-10	2.64E-09	1.55E-09	3.18E-10	1.86E-09
1761	624694.55	4265123.03	9.90E-09	3.40E-09	1.33E-08	8.28E-09	2.55E-09	1.08E-08	1.96E-09	6.52E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
1762	624684.64	4265122.89	9.78E-09	3.36E-09	1.31E-08	8.18E-09	2.52E-09	1.07E-08	1.94E-09	6.45E-10	2.58E-09	1.51E-09	3.10E-10	1.82E-09
1763	624674.73	4265122.75	9.66E-09	3.32E-09	1.30E-08	8.08E-09	2.49E-09	1.06E-08	1.91E-09	6.37E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
1764	624664.82	4265122.61	9.54E-09	3.28E-09	1.28E-08	7.97E-09	2.46E-09	1.04E-08	1.89E-09	6.28E-10	2.52E-09	1.47E-09	3.03E-10	1.77E-09
1765	624654.91	4265122.48	9.41E-09	3.24E-09	1.27E-08	7.87E-09	2.42E-09	1.03E-08	1.86E-09	6.20E-10	2.48E-09	1.45E-09	2.99E-10	1.75E-09
1766	624645	4265122.34	9.29E-09	3.20E-09	1.25E-08	7.77E-09	2.39E-09	1.02E-08	1.84E-09	6.12E-10	2.45E-09	1.43E-09	2.95E-10	1.73E-09
1767	624635.09	4265122.2	9.17E-09	3.15E-09	1.23E-08	7.66E-09	2.36E-09	1.00E-08	1.82E-09	6.04E-10	2.42E-09	1.41E-09	2.91E-10	1.71E-09
1768	624625.18	4265122.07	9.05E-09	3.11E-09	1.22E-08	7.57E-09	2.33E-09	9.90E-09	1.79E-09	5.96E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
1769	624615.28	4265121.93	8.94E-09	3.07E-09	1.20E-08	7.47E-09	2.30E-09	9.77E-09	1.77E-09	5.89E-10	2.36E-09	1.38E-09	2.84E-10	1.66E-09
1770	624605.37	4265121.79	8.83E-09	3.04E-09	1.19E-08	7.38E-09	2.27E-09	9.65E-09	1.75E-09	5.82E-10	2.33E-09	1.36E-09	2.80E-10	1.64E-09
1771	624595.46	4265121.65	8.72E-09	3.00E-09	1.17E-08	7.29E-09	2.25E-09	9.54E-09	1.73E-09	5.75E-10	2.30E-09	1.35E-09	2.77E-10	1.62E-09
1772	624585.55	4265121.52	8.62E-09	2.97E-09	1.16E-08	7.21E-09	2.22E-09	9.43E-09	1.71E-09	5.68E-10	2.27E-09	1.33E-09	2.74E-10	1.60E-09
1773	624575.64	4265121.38	8.53E-09	2.93E-09	1.15E-08	7.13E-09	2.20E-09	9.32E-09	1.69E-09	5.62E-10	2.25E-09	1.32E-09	2.71E-10	1.59E-09
1774	624565.73	4265121.24	8.43E-09	2.90E-09	1.13E-08	7.05E-09	2.17E-09	9.22E-09	1.67E-09	5.56E-10	2.23E-09	1.30E-09	2.68E-10	1.57E-09
1775	624555.82	4265121.1	8.35E-09	2.87E-09	1.12E-08	6.98E-09	2.15E-09	9.12E-09	1.65E-09	5.50E-10	2.20E-09	1.29E-09	2.65E-10	1.55E-09
1776	624545.91	4265120.97	8.26E-09	2.84E-09	1.11E-08	6.90E-09	2.13E-09	9.03E-09	1.64E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
1777	624536.01	4265120.83	8.18E-09	2.81E-09	1.10E-08	6.84E-09	2.11E-09	8.94E-09	1.62E-09	5.39E-10	2.16E-09	1.26E-09	2.60E-10	1.52E-09
1778	624526.1	4265120.69	8.09E-09	2.78E-09	1.09E-08	6.77E-09	2.08E-09	8.85E-09	1.60E-09	5.33E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
1779	624516.19	4265120.55	8.01E-09	2.75E-09	1.08E-08	6.70E-09	2.06E-09	8.76E-09	1.59E-09	5.28E-10	2.11E-09	1.24E-09	2.54E-10	1.49E-09
1780	624506.28	4265120.42	7.93E-09	2.73E-09	1.07E-08	6.63E-09	2.04E-09	8.67E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.52E-10	1.47E-09
1781	624496.37	4265120.28	7.85E-09	2.70E-09	1.05E-08	6.56E-09	2.02E-09	8.58E-09	1.55E-09	5.17E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
1782	624486.46	4265120.14	7.77E-09	2.67E-09	1.04E-08	6.49E-09	2.00E-09	8.49E-09	1.54E-09	5.12E-10	2.05E-09	1.20E-09	2.47E-10	1.45E-09
1783	624476.55	4265120	7.69E-09	2.64E-09	1.03E-08	6.43E-09	1.98E-09	8.41E-09	1.52E-09	5.07E-10	2.03E-09	1.19E-09	2.44E-10	1.43E-09
1784	624466.64	4265119.87	7.61E-09	2.62E-09	1.02E-08	6.36E-09	1.96E-09	8.32E-09	1.51E-09	5.01E-10	2.01E-09	1.17E-09	2.41E-10	1.42E-09
1785	624456.74	4265119.73	7.53E-09	2.59E-09	1.01E-08	6.29E-09	1.94E-09	8.23E-09	1.49E-09	4.96E-10	1.99E-09	1.16E-09	2.39E-10	1.40E-09
1786	624446.83	4265119.59	7.45E-09	2.56E-09	1.00E-08	6.22E-09	1.92E-09	8.14E-09	1.47E-09	4.91E-10	1.96E-09	1.15E-09	2.36E-10	1.39E-09
1787	624436.92	4265119.45	7.36E-09	2.53E-09	9.90E-09	6.15E-09	1.90E-09	8.05E-09	1.46E-09	4.85E-10	1.94E-09	1.14E-09	2.34E-10	1.37E-09
1788	624427.01	4265119.32	7.28E-09	2.50E-09	9.78E-09	6.08E-09	1.87E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
1789	624417.1	4265119.18	7.20E-09	2.47E-09	9.67E-09	6.01E-09	1.85E-09	7.87E-09	1.42E-09	4.74E-10	1.90E-09	1.11E-09	2.28E-10	1.34E-09
1790	624407.19	4265119.04	7.11E-09	2.45E-09	9.56E-09	5.94E-09	1.83E-09	7.77E-09	1.41E-09	4.68E-10	1.88E-09	1.10E-09	2.26E-10	1.32E-09

1791	624397.28	4265118.91	7.03E-09	2.42E-09	9.44E-09	5.87E-09	1.81E-09	7.68E-09	1.39E-09	4.63E-10	1.85E-09	1.08E-09	2.23E-10	1.31E-09
1792	624387.37	4265118.77	6.94E-09	2.39E-09	9.33E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
1793	624377.46	4265118.63	6.85E-09	2.36E-09	9.21E-09	5.73E-09	1.76E-09	7.49E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
1794	624367.56	4265118.49	6.77E-09	2.33E-09	9.10E-09	5.66E-09	1.74E-09	7.40E-09	1.34E-09	4.46E-10	1.79E-09	1.04E-09	2.15E-10	1.26E-09
1795	624872.67	4265079.24	9.95E-09	3.42E-09	1.34E-08	8.32E-09	2.56E-09	1.09E-08	1.97E-09	6.56E-10	2.62E-09	1.54E-09	3.16E-10	1.85E-09
1796	624881.66	4265083.12	1.00E-08	3.45E-09	1.35E-08	8.39E-09	2.59E-09	1.10E-08	1.99E-09	6.62E-10	2.65E-09	1.55E-09	3.19E-10	1.87E-09
1797	624890.65	4265086.99	1.01E-08	3.48E-09	1.36E-08	8.47E-09	2.61E-09	1.11E-08	2.01E-09	6.68E-10	2.67E-09	1.56E-09	3.22E-10	1.89E-09
1798	624899.63	4265090.87	1.02E-08	3.51E-09	1.37E-08	8.54E-09	2.63E-09	1.12E-08	2.02E-09	6.73E-10	2.70E-09	1.58E-09	3.24E-10	1.90E-09
1799	624908.62	4265094.75	1.03E-08	3.54E-09	1.38E-08	8.61E-09	2.65E-09	1.13E-08	2.04E-09	6.79E-10	2.72E-09	1.59E-09	3.27E-10	1.92E-09
1800	624917.6	4265098.62	1.04E-08	3.57E-09	1.39E-08	8.67E-09	2.67E-09	1.13E-08	2.05E-09	6.84E-10	2.74E-09	1.60E-09	3.29E-10	1.93E-09
1801	624926.59	4265102.5	1.04E-08	3.59E-09	1.40E-08	8.73E-09	2.69E-09	1.14E-08	2.07E-09	6.88E-10	2.76E-09	1.61E-09	3.32E-10	1.94E-09
1802	624935.57	4265106.37	1.05E-08	3.61E-09	1.41E-08	8.79E-09	2.71E-09	1.15E-08	2.08E-09	6.93E-10	2.77E-09	1.62E-09	3.34E-10	1.96E-09
1803	624944.56	4265110.25	1.06E-08	3.64E-09	1.42E-08	8.84E-09	2.72E-09	1.16E-08	2.09E-09	6.97E-10	2.79E-09	1.63E-09	3.36E-10	1.97E-09
1804	624953.55	4265114.13	1.06E-08	3.65E-09	1.43E-08	8.88E-09	2.74E-09	1.16E-08	2.10E-09	7.00E-10	2.80E-09	1.64E-09	3.37E-10	1.98E-09
1805	624962.53	4265118	1.07E-08	3.67E-09	1.44E-08	8.93E-09	2.75E-09	1.17E-08	2.11E-09	7.04E-10	2.82E-09	1.65E-09	3.39E-10	1.99E-09
1806	624971.52	4265121.88	1.07E-08	3.69E-09	1.44E-08	8.96E-09	2.76E-09	1.17E-08	2.12E-09	7.07E-10	2.83E-09	1.65E-09	3.40E-10	1.99E-09
1807	624980.5	4265125.75	1.08E-08	3.70E-09	1.45E-08	8.99E-09	2.77E-09	1.18E-08	2.13E-09	7.09E-10	2.84E-09	1.66E-09	3.41E-10	2.00E-09
1808	624989.49	4265129.63	1.08E-08	3.71E-09	1.45E-08	9.02E-09	2.78E-09	1.18E-08	2.14E-09	7.11E-10	2.85E-09	1.66E-09	3.42E-10	2.01E-09
1809	624998.48	4265133.5	1.08E-08	3.72E-09	1.45E-08	9.03E-09	2.78E-09	1.18E-08	2.14E-09	7.12E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
1810	625007.46	4265137.38	1.08E-08	3.72E-09	1.45E-08	9.04E-09	2.79E-09	1.18E-08	2.14E-09	7.13E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
1811	625016.45	4265141.26	1.08E-08	3.72E-09	1.45E-08	9.04E-09	2.79E-09	1.18E-08	2.14E-09	7.13E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
1812	625025.43	4265145.13	1.08E-08	3.72E-09	1.45E-08	9.04E-09	2.78E-09	1.18E-08	2.14E-09	7.12E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
1813	625034.42	4265149.01	1.08E-08	3.71E-09	1.45E-08	9.02E-09	2.78E-09	1.18E-08	2.14E-09	7.11E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
1814	625043.4	4265152.88	1.08E-08	3.70E-09	1.45E-08	9.00E-09	2.77E-09	1.18E-08	2.13E-09	7.10E-10	2.84E-09	1.66E-09	3.42E-10	2.00E-09
1815	625052.39	4265156.76	1.07E-08	3.69E-09	1.44E-08	8.97E-09	2.76E-09	1.17E-08	2.13E-09	7.07E-10	2.83E-09	1.66E-09	3.41E-10	2.00E-09
1816	625061.38	4265160.63	1.07E-08	3.68E-09	1.44E-08	8.94E-09	2.75E-09	1.17E-08	2.12E-09	7.04E-10	2.82E-09	1.65E-09	3.39E-10	1.99E-09
1817	625070.36	4265164.51	1.06E-08	3.66E-09	1.43E-08	8.89E-09	2.74E-09	1.16E-08	2.11E-09	7.01E-10	2.81E-09	1.64E-09	3.38E-10	1.98E-09
1818	625079.35	4265168.39	1.06E-08	3.64E-09	1.42E-08	8.84E-09	2.72E-09	1.16E-08	2.09E-09	6.97E-10	2.79E-09	1.63E-09	3.36E-10	1.97E-09
1819	625088.33	4265172.26	1.05E-08	3.61E-09	1.41E-08	8.78E-09	2.71E-09	1.15E-08	2.08E-09	6.92E-10	2.77E-09	1.62E-09	3.33E-10	1.95E-09
1820	625097.32	4265176.14	1.04E-08	3.59E-09	1.40E-08	8.72E-09	2.68E-09	1.14E-08	2.06E-09	6.87E-10	2.75E-09	1.61E-09	3.31E-10	1.94E-09
1821	625106.3	4265180.01	1.03E-08	3.56E-09	1.39E-08	8.64E-09	2.66E-09	1.13E-08	2.05E-09	6.81E-10	2.73E-09	1.60E-09	3.28E-10	1.92E-09
1822	625115.29	4265183.89	1.02E-08	3.52E-09	1.38E-08	8.56E-09	2.64E-09	1.12E-08	2.03E-09	6.75E-10	2.70E-09	1.58E-09	3.25E-10	1.91E-09
1823	625124.28	4265187.76	1.01E-08	3.49E-09	1.36E-08	8.47E-09	2.61E-09	1.11E-08	2.01E-09	6.68E-10	2.67E-09	1.56E-09	3.22E-10	1.89E-09
1824	625133.26	4265191.64	1.00E-08	3.45E-09	1.35E-08	8.38E-09	2.58E-09	1.10E-08	1.98E-09	6.61E-10	2.65E-09	1.55E-09	3.18E-10	1.87E-09
1825	625142.25	4265195.52	9.91E-09	3.41E-09	1.33E-08	8.28E-09	2.55E-09	1.08E-08	1.96E-09	6.53E-10	2.61E-09	1.53E-09	3.15E-10	1.84E-09
1826	625151.23	4265199.39	9.79E-09	3.37E-09	1.32E-08	8.18E-09	2.52E-09	1.07E-08	1.94E-09	6.45E-10	2.58E-09	1.51E-09	3.11E-10	1.82E-09
1827	625160.22	4265203.27	9.66E-09	3.32E-09	1.30E-08	8.08E-09	2.49E-09	1.06E-08	1.91E-09	6.37E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
1828	625169.2	4265207.14	9.53E-09	3.28E-09	1.28E-08	7.97E-09	2.45E-09	1.04E-08	1.89E-09	6.28E-10	2.51E-09	1.47E-09	3.02E-10	1.77E-09
1829	625178.19	4265211.02	9.40E-09	3.23E-09	1.26E-08	7.85E-09	2.42E-09	1.03E-08	1.86E-09	6.19E-10	2.48E-09	1.45E-09	2.98E-10	1.75E-09
1830	625187.18	4265214.89	9.26E-09	3.18E-09	1.24E-08	7.74E-09	2.38E-09	1.01E-08	1.83E-09	6.10E-10	2.44E-09	1.43E-09	2.94E-10	1.72E-09
1831	625196.16	4265218.77	9.12E-09	3.14E-09	1.23E-08	7.62E-09	2.35E-09	9.97E-09	1.81E-09	6.01E-10	2.41E-09	1.41E-09	2.89E-10	1.70E-09
1832	625205.15	4265222.65	8.98E-09	3.09E-09	1.21E-08	7.51E-09	2.31E-09	9.82E-09	1.78E-09	5.92E-10	2.37E-09	1.39E-09	2.85E-10	1.67E-09
1833	625214.13	4265226.52	8.84E-09	3.04E-09	1.19E-08	7.39E-09	2.28E-09	9.66E-09	1.75E-09	5.82E-10	2.33E-09	1.36E-09	2.81E-10	1.64E-09
1834	625223.12	4265230.4	8.70E-09	2.99E-09	1.17E-08	7.27E-09	2.24E-09	9.51E-09	1.72E-09	5.73E-10	2.30E-09	1.34E-09	2.76E-10	1.62E-09
1835	625232.1	4265234.27	8.56E-09	2.94E-09	1.15E-08	7.15E-09	2.20E-09	9.36E-09	1.69E-09	5.64E-10	2.26E-09	1.32E-09	2.72E-10	1.59E-09
1836	625241.09	4265238.15	8.42E-09	2.90E-09	1.13E-08	7.04E-09	2.17E-09	9.21E-09	1.67E-09	5.55E-10	2.22E-09	1.30E-09	2.67E-10	1.57E-09
1837	625250.08	4265242.02	8.28E-09	2.85E-09	1.11E-08	6.92E-09	2.13E-09	9.06E-09	1.64E-09	5.46E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
1838	625259.06	4265245.9	8.15E-09	2.80E-09	1.09E-08	6.81E-09	2.10E-09	8.91E-09	1.61E-09	5.37E-10	2.15E-09	1.26E-09	2.59E-10	1.52E-09
1839	625268.05	4265249.78	8.01E-09	2.76E-09	1.08E-08	6.70E-09	2.06E-09	8.76E-09	1.59E-09	5.28E-10	2.11E-09	1.24E-09	2.54E-10	1.49E-09
1840	625277.03	4265253.65	7.88E-09	2.71E-09	1.06E-08	6.59E-09	2.03E-09	8.62E-09	1.56E-09	5.19E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
1841	625289.62	4265266.63	7.73E-09	2.66E-09	1.04E-08	6.47E-09	1.99E-09	8.46E-09	1.53E-09	5.10E-10	2.04E-09	1.19E-09	2.45E-10	1.44E-09
1842	625293.22	4265275.73	7.72E-09	2.65E-09	1.04E-08	6.45E-09	1.99E-09	8.44E-09	1.53E-09	5.09E-10	2.04E-09	1.19E-09	2.45E-10	1.44E-09
1843	625296.82	4265284.83	7.70E-09	2.65E-09	1.03E-08	6.44E-09	1.98E-09	8.42E-09	1.52E-09	5.07E-10	2.03E-09	1.19E-09	2.44E-10	1.43E-09
1844	625300.42	4265293.92	7.68E-09	2.64E-09	1.03E-08	6.42E-09	1.98E-09	8.40E-09	1.52E-09	5.06E-10	2.03E-09	1.19E-09	2.44E-10	1.43E-09
1845	625304.03	4265303.02	7.67E-09	2.64E-09	1.03E-08	6.41E-09	1.97E-09	8.38E-09	1.52E-09	5.05E-10	2.02E-09	1.18E-09	2.43E-10	1.43E-09
1846	625307.63	4265312.12	7.65E-09	2.63E-09	1.03E-08	6.39E-09	1.97E-09	8.36E-09	1.51E-09	5.04E-10	2.02E-09	1.18E-09	2.43E-10	1.42E-09
1847	625311.23	4265321.22	7.63E-09	2.62E-09	1.02E-08	6.37E-09	1.96E-09	8.34E-09	1.51E-09	5.02E-10	2.01E-09	1.18E-09	2.42E-10	1.42E-09
1848	625314.83	4265330.32	7.60E-09	2.61E-09	1.02E-08	6.36E-09	1.96E-09	8.31E-09	1.51E-09	5.01E-10	2.01E-09	1.17E-09	2.41E-10	1.41E-09
1849	625318.43	4265339.42	7.58E-09	2.61E-09	1.02E-08	6.34E-09	1.95E-09	8.29E-09	1.50E-09	5.00E-10	2.00E-09	1.17E-09	2.41E-10	1.41E-09
1850	625322.03	4265348.52	7.56E-09	2.60E-09	1.02E-08	6.32E-09	1.95E-09	8.26E-09	1.50E-09	4.98E-10	1.99E-09	1.17E-09	2.40E-10	1.41E-09
1851	625325.63	4265357.62	7.53E-09	2.59E-09	1.01E-08	6.30E-09	1.94E-09	8.24E-09	1.49E-09	4.96E-10	1.99E-09	1.16E-09	2.39E-10	1.40E-09
1852	625329.24	4265366.72	7.51E-09	2.58E-09	1.01E-08	6.28E-09	1.93E-09	8.21E-09	1.49E-09	4.95E-10	1.98E-09	1.16E-09	2.38E-10	1.40E-09
1853	625332.84	4265375.82	7.48E-09	2.57E-09	1.01E-08	6.25E-09	1.93E-09	8.18E-09	1.48E-09	4.93E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
1854	625336.44	4265384.92	7.45E-09	2.56E-09	1.00E-08	6.23E-09	1.92E-09	8.15E-09	1.48E-09	4.91E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
1855	625340.04	4265394.01	7.42E-09	2.55E-09	9.98E-09	6.21E-09	1.91E-09	8.12E-09	1.47E-09	4.89E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
1856	625343.64	4265403.11	7.40E-09	2.54E-09	9.94E-09	6.18E-09	1.90E-09	8.09E-09	1.46E-09	4.87E-10	1.95E-09	1.14E-09	2.35E-10	1.38E-09
1857	625347.24	4265412.21	7.36E-09	2.53E-09	9.90E-09	6.16E-09	1.90E-09	8.05E-09	1.46E-09	4.85E-10	1.94E-09	1.14E-09	2.34E-10	1.37E-09
1858	625350.85	4265421.31	7.33E-09	2.52E-09	9.85E-09	6.13E-09	1.89E-09	8.02E-09	1.45E-09	4.83E-10	1.93E-09	1.13E-09	2.33E-10	1.36E-09
1859	625354.45	4265430.41	7.30E-09	2.51E-09	9.81E-09	6.10E-09	1.88E-09	7.98E-09	1.44E-09	4.81E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09

1860	625358.05	4265439.51	7.26E-09	2.50E-09	9.76E-09	6.07E-09	1.87E-09	7.94E-09	1.44E-09	4.79E-10	1.92E-09	1.12E-09	2.30E-10	1.35E-09
1861	625361.65	4265448.61	7.23E-09	2.49E-09	9.71E-09	6.04E-09	1.86E-09	7.90E-09	1.43E-09	4.76E-10	1.91E-09	1.12E-09	2.29E-10	1.34E-09
1862	625365.25	4265457.71	7.19E-09	2.47E-09	9.66E-09	6.01E-09	1.85E-09	7.86E-09	1.42E-09	4.74E-10	1.90E-09	1.11E-09	2.28E-10	1.34E-09
1863	625368.85	4265466.81	7.15E-09	2.46E-09	9.61E-09	5.98E-09	1.84E-09	7.82E-09	1.42E-09	4.71E-10	1.89E-09	1.10E-09	2.27E-10	1.33E-09
1864	625372.45	4265475.91	7.11E-09	2.44E-09	9.55E-09	5.94E-09	1.83E-09	7.77E-09	1.41E-09	4.68E-10	1.88E-09	1.10E-09	2.26E-10	1.32E-09
1865	625376.06	4265485.01	7.07E-09	2.43E-09	9.50E-09	5.91E-09	1.82E-09	7.73E-09	1.40E-09	4.66E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
1866	625379.66	4265494.11	7.03E-09	2.42E-09	9.44E-09	5.87E-09	1.81E-09	7.68E-09	1.39E-09	4.63E-10	1.85E-09	1.08E-09	2.23E-10	1.31E-09
1867	625383.26	4265503.2	6.98E-09	2.40E-09	9.38E-09	5.83E-09	1.80E-09	7.63E-09	1.38E-09	4.60E-10	1.84E-09	1.08E-09	2.22E-10	1.30E-09
1868	625386.86	4265512.3	6.93E-09	2.38E-09	9.32E-09	5.80E-09	1.79E-09	7.58E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
1869	625390.46	4265521.4	6.89E-09	2.37E-09	9.25E-09	5.75E-09	1.77E-09	7.53E-09	1.36E-09	4.54E-10	1.82E-09	1.06E-09	2.19E-10	1.28E-09
1870	625394.06	4265530.5	6.83E-09	2.35E-09	9.19E-09	5.71E-09	1.76E-09	7.47E-09	1.35E-09	4.50E-10	1.80E-09	1.05E-09	2.17E-10	1.27E-09
1871	625397.66	4265539.6	6.78E-09	2.33E-09	9.12E-09	5.67E-09	1.75E-09	7.42E-09	1.34E-09	4.47E-10	1.79E-09	1.05E-09	2.15E-10	1.26E-09
1872	625401.27	4265548.7	6.73E-09	2.31E-09	9.04E-09	5.62E-09	1.73E-09	7.36E-09	1.33E-09	4.43E-10	1.78E-09	1.04E-09	2.14E-10	1.25E-09
1873	625404.87	4265557.8	6.67E-09	2.30E-09	8.97E-09	5.58E-09	1.72E-09	7.30E-09	1.32E-09	4.40E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
1874	625408.47	4265566.9	6.62E-09	2.28E-09	8.89E-09	5.53E-09	1.70E-09	7.24E-09	1.31E-09	4.36E-10	1.75E-09	1.02E-09	2.10E-10	1.23E-09
1875	625412.07	4265576	6.56E-09	2.26E-09	8.82E-09	5.48E-09	1.69E-09	7.17E-09	1.30E-09	4.32E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
1876	625415.67	4265585.1	6.50E-09	2.23E-09	8.73E-09	5.43E-09	1.67E-09	7.10E-09	1.29E-09	4.28E-10	1.71E-09	1.00E-09	2.06E-10	1.21E-09
1877	625419.27	4265594.2	6.44E-09	2.21E-09	8.65E-09	5.38E-09	1.66E-09	7.04E-09	1.27E-09	4.24E-10	1.70E-09	9.93E-10	2.04E-10	1.20E-09
1878	625422.88	4265603.29	6.37E-09	2.19E-09	8.56E-09	5.32E-09	1.64E-09	6.96E-09	1.26E-09	4.20E-10	1.68E-09	9.83E-10	2.02E-10	1.19E-09
1879	625426.48	4265612.39	6.30E-09	2.17E-09	8.47E-09	5.27E-09	1.62E-09	6.89E-09	1.25E-09	4.15E-10	1.66E-09	9.73E-10	2.00E-10	1.17E-09
1880	625430.08	4265621.49	6.23E-09	2.14E-09	8.38E-09	5.21E-09	1.61E-09	6.82E-09	1.23E-09	4.11E-10	1.64E-09	9.62E-10	1.98E-10	1.16E-09
1881	625433.68	4265630.59	6.16E-09	2.12E-09	8.28E-09	5.15E-09	1.59E-09	6.74E-09	1.22E-09	4.06E-10	1.63E-09	9.51E-10	1.96E-10	1.15E-09
1882	625437.28	4265639.69	6.09E-09	2.09E-09	8.18E-09	5.09E-09	1.57E-09	6.66E-09	1.21E-09	4.01E-10	1.61E-09	9.40E-10	1.93E-10	1.13E-09
1883	625440.88	4265648.79	6.02E-09	2.07E-09	8.09E-09	5.03E-09	1.55E-09	6.58E-09	1.19E-09	3.96E-10	1.59E-09	9.28E-10	1.91E-10	1.12E-09
1884	625444.48	4265657.89	5.94E-09	2.04E-09	7.99E-09	4.97E-09	1.53E-09	6.50E-09	1.18E-09	3.91E-10	1.57E-09	9.17E-10	1.89E-10	1.11E-09
1885	625448.09	4265666.99	5.87E-09	2.02E-09	7.88E-09	4.90E-09	1.51E-09	6.41E-09	1.16E-09	3.86E-10	1.55E-09	9.05E-10	1.86E-10	1.09E-09
1886	625451.69	4265676.09	5.79E-09	1.99E-09	7.78E-09	4.84E-09	1.49E-09	6.33E-09	1.15E-09	3.81E-10	1.53E-09	8.93E-10	1.84E-10	1.08E-09
1887	624863.69	4265075.37	9.85E-09	3.39E-09	1.32E-08	8.23E-09	2.54E-09	1.08E-08	1.95E-09	6.49E-10	2.60E-09	1.52E-09	3.13E-10	1.83E-09
1888	624853.78	4265075.23	9.82E-09	3.38E-09	1.32E-08	8.21E-09	2.53E-09	1.07E-08	1.94E-09	6.47E-10	2.59E-09	1.52E-09	3.12E-10	1.83E-09
1889	624843.87	4265075.09	9.79E-09	3.37E-09	1.32E-08	8.19E-09	2.52E-09	1.07E-08	1.94E-09	6.45E-10	2.58E-09	1.51E-09	3.11E-10	1.82E-09
1890	624833.96	4265074.96	9.76E-09	3.36E-09	1.31E-08	8.16E-09	2.51E-09	1.07E-08	1.93E-09	6.43E-10	2.57E-09	1.51E-09	3.10E-10	1.82E-09
1891	624824.05	4265074.82	9.72E-09	3.34E-09	1.31E-08	8.13E-09	2.50E-09	1.06E-08	1.92E-09	6.41E-10	2.56E-09	1.50E-09	3.09E-10	1.81E-09
1892	624814.15	4265074.68	9.68E-09	3.33E-09	1.30E-08	8.09E-09	2.49E-09	1.06E-08	1.92E-09	6.38E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
1893	624804.24	4265074.54	9.64E-09	3.31E-09	1.29E-08	8.05E-09	2.48E-09	1.05E-08	1.91E-09	6.35E-10	2.54E-09	1.49E-09	3.06E-10	1.79E-09
1894	624794.33	4265074.41	9.59E-09	3.30E-09	1.29E-08	8.01E-09	2.47E-09	1.05E-08	1.90E-09	6.32E-10	2.53E-09	1.48E-09	3.04E-10	1.78E-09
1895	624784.42	4265074.27	9.53E-09	3.28E-09	1.28E-08	7.97E-09	2.45E-09	1.04E-08	1.89E-09	6.28E-10	2.52E-09	1.47E-09	3.03E-10	1.77E-09
1896	624774.51	4265074.13	9.48E-09	3.26E-09	1.27E-08	7.92E-09	2.44E-09	1.04E-08	1.88E-09	6.24E-10	2.50E-09	1.46E-09	3.01E-10	1.76E-09
1897	624764.6	4265073.99	9.41E-09	3.24E-09	1.26E-08	7.87E-09	2.42E-09	1.03E-08	1.86E-09	6.20E-10	2.48E-09	1.45E-09	2.99E-10	1.75E-09
1898	624754.69	4265073.86	9.34E-09	3.21E-09	1.26E-08	7.81E-09	2.41E-09	1.02E-08	1.85E-09	6.16E-10	2.47E-09	1.44E-09	2.97E-10	1.74E-09
1899	624744.78	4265073.72	9.27E-09	3.19E-09	1.25E-08	7.75E-09	2.39E-09	1.01E-08	1.84E-09	6.11E-10	2.45E-09	1.43E-09	2.94E-10	1.72E-09
1900	624734.87	4265073.58	9.19E-09	3.16E-09	1.24E-08	7.68E-09	2.37E-09	1.00E-08	1.82E-09	6.06E-10	2.42E-09	1.42E-09	2.92E-10	1.71E-09
1901	624724.97	4265073.44	9.10E-09	3.13E-09	1.22E-08	7.61E-09	2.34E-09	9.95E-09	1.80E-09	6.00E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
1902	624715.06	4265073.31	9.01E-09	3.10E-09	1.21E-08	7.53E-09	2.32E-09	9.86E-09	1.78E-09	5.94E-10	2.38E-09	1.39E-09	2.86E-10	1.68E-09
1903	624705.15	4265073.17	8.92E-09	3.07E-09	1.20E-08	7.46E-09	2.30E-09	9.76E-09	1.77E-09	5.88E-10	2.35E-09	1.38E-09	2.83E-10	1.66E-09
1904	624695.24	4265073.03	8.83E-09	3.04E-09	1.19E-08	7.38E-09	2.27E-09	9.65E-09	1.75E-09	5.82E-10	2.33E-09	1.36E-09	2.80E-10	1.64E-09
1905	624685.33	4265072.89	8.73E-09	3.00E-09	1.17E-08	7.30E-09	2.25E-09	9.54E-09	1.73E-09	5.75E-10	2.30E-09	1.35E-09	2.77E-10	1.62E-09
1906	624675.42	4265072.76	8.63E-09	2.97E-09	1.16E-08	7.21E-09	2.22E-09	9.43E-09	1.71E-09	5.69E-10	2.28E-09	1.33E-09	2.74E-10	1.61E-09
1907	624665.51	4265072.62	8.53E-09	2.93E-09	1.15E-08	7.13E-09	2.20E-09	9.32E-09	1.69E-09	5.62E-10	2.25E-09	1.32E-09	2.71E-10	1.59E-09
1908	624655.6	4265072.48	8.42E-09	2.90E-09	1.13E-08	7.04E-09	2.17E-09	9.21E-09	1.67E-09	5.55E-10	2.22E-09	1.30E-09	2.67E-10	1.57E-09
1909	624645.7	4265072.34	8.32E-09	2.86E-09	1.12E-08	6.96E-09	2.14E-09	9.10E-09	1.65E-09	5.48E-10	2.20E-09	1.28E-09	2.64E-10	1.55E-09
1910	624635.79	4265072.21	8.22E-09	2.83E-09	1.10E-08	6.87E-09	2.12E-09	8.99E-09	1.63E-09	5.42E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
1911	624625.88	4265072.07	8.12E-09	2.79E-09	1.09E-08	6.79E-09	2.09E-09	8.88E-09	1.61E-09	5.35E-10	2.14E-09	1.25E-09	2.58E-10	1.51E-09
1912	624615.97	4265071.93	8.02E-09	2.76E-09	1.08E-08	6.71E-09	2.07E-09	8.77E-09	1.59E-09	5.29E-10	2.12E-09	1.24E-09	2.55E-10	1.49E-09
1913	624606.06	4265071.8	7.93E-09	2.73E-09	1.07E-08	6.63E-09	2.04E-09	8.67E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.52E-10	1.48E-09
1914	624596.15	4265071.66	7.84E-09	2.70E-09	1.05E-08	6.55E-09	2.02E-09	8.57E-09	1.55E-09	5.17E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
1915	624586.24	4265071.52	7.75E-09	2.67E-09	1.04E-08	6.48E-09	2.00E-09	8.48E-09	1.53E-09	5.11E-10	2.05E-09	1.20E-09	2.46E-10	1.44E-09
1916	624576.33	4265071.38	7.67E-09	2.64E-09	1.03E-08	6.41E-09	1.97E-09	8.39E-09	1.52E-09	5.05E-10	2.02E-09	1.18E-09	2.43E-10	1.43E-09
1917	624566.43	4265071.25	7.59E-09	2.61E-09	1.02E-08	6.34E-09	1.95E-09	8.30E-09	1.50E-09	5.00E-10	2.00E-09	1.17E-09	2.41E-10	1.41E-09
1918	624556.52	4265071.11	7.51E-09	2.58E-09	1.01E-08	6.28E-09	1.93E-09	8.21E-09	1.49E-09	4.95E-10	1.98E-09	1.16E-09	2.38E-10	1.40E-09
1919	624546.61	4265070.97	7.44E-09	2.56E-09	1.00E-08	6.22E-09	1.92E-09	8.13E-09	1.47E-09	4.90E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
1920	624536.7	4265070.83	7.37E-09	2.53E-09	9.90E-09	6.16E-09	1.90E-09	8.06E-09	1.46E-09	4.85E-10	1.94E-09	1.14E-09	2.34E-10	1.37E-09
1921	624526.79	4265070.7	7.30E-09	2.51E-09	9.81E-09	6.10E-09	1.88E-09	7.98E-09	1.44E-09	4.81E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
1922	624516.88	4265070.56	7.23E-09	2.49E-09	9.72E-09	6.05E-09	1.86E-09	7.91E-09	1.43E-09	4.77E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
1923	624506.97	4265070.42	7.17E-09	2.46E-09	9.63E-09	5.99E-09	1.85E-09	7.84E-09	1.42E-09	4.72E-10	1.89E-09	1.11E-09	2.27E-10	1.33E-09
1924	624497.06	4265070.28	7.10E-09	2.44E-09	9.54E-09	5.94E-09	1.83E-09	7.76E-09	1.41E-09	4.68E-10	1.87E-09	1.10E-09	2.25E-10	1.32E-09
1925	624487.15	4265070.15	7.03E-09	2.42E-09	9.45E-09	5.88E-09	1.81E-09	7.69E-09	1.39E-09	4.63E-10	1.86E-09	1.09E-09	2.23E-10	1.31E-09
1926	624477.25	4265070.01	6.97E-09	2.40E-09	9.36E-09	5.82E-09	1.79E-09	7.62E-09	1.38E-09	4.59E-10	1.84E-09	1.08E-09	2.21E-10	1.30E-09
1927	624467.34	4265069.87	6.90E-09	2.37E-09	9.27E-09	5.77E-09	1.78E-09	7.54E-09	1.37E-09	4.55E-10	1.82E-09	1.06E-09	2.19E-10	1.28E-09
1928	624457.43	4265069.73	6.83E-09	2.35E-09	9.18E-09	5.71E-09	1.76E-09	7.47E-09	1.35E-09	4.50E-10	1.80E-09	1.05E-09	2.17E-10	1.27E-09

1929	624447.52	4265069.6	6.76E-09	2.33E-09	9.09E-09	5.65E-09	1.74E-09	7.39E-09	1.34E-09	4.45E-10	1.78E-09	1.04E-09	2.15E-10	1.26E-09
1930	624437.61	4265069.46	6.69E-09	2.30E-09	8.99E-09	5.59E-09	1.72E-09	7.32E-09	1.32E-09	4.41E-10	1.77E-09	1.03E-09	2.12E-10	1.24E-09
1931	624427.7	4265069.32	6.62E-09	2.28E-09	8.90E-09	5.53E-09	1.70E-09	7.24E-09	1.31E-09	4.36E-10	1.75E-09	1.02E-09	2.10E-10	1.23E-09
1932	624417.79	4265069.18	6.55E-09	2.25E-09	8.80E-09	5.47E-09	1.69E-09	7.16E-09	1.30E-09	4.31E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
1933	624407.88	4265069.05	6.48E-09	2.23E-09	8.70E-09	5.41E-09	1.67E-09	7.08E-09	1.28E-09	4.27E-10	1.71E-09	9.99E-10	2.06E-10	1.20E-09
1934	624397.98	4265068.91	6.40E-09	2.20E-09	8.61E-09	5.35E-09	1.65E-09	7.00E-09	1.27E-09	4.22E-10	1.69E-09	9.88E-10	2.03E-10	1.19E-09
1935	624388.07	4265068.77	6.33E-09	2.18E-09	8.51E-09	5.29E-09	1.63E-09	6.92E-09	1.25E-09	4.17E-10	1.67E-09	9.77E-10	2.01E-10	1.18E-09
1936	624378.16	4265068.64	6.26E-09	2.15E-09	8.41E-09	5.23E-09	1.61E-09	6.84E-09	1.24E-09	4.12E-10	1.65E-09	9.66E-10	1.99E-10	1.16E-09
1937	624368.25	4265068.5	6.19E-09	2.13E-09	8.31E-09	5.17E-09	1.59E-09	6.76E-09	1.22E-09	4.08E-10	1.63E-09	9.55E-10	1.96E-10	1.15E-09
1938	624873.35	4265029.24	8.94E-09	3.08E-09	1.20E-08	7.48E-09	2.30E-09	9.78E-09	1.77E-09	5.89E-10	2.36E-09	1.38E-09	2.84E-10	1.66E-09
1939	624882.32	4265033.11	9.04E-09	3.11E-09	1.21E-08	7.55E-09	2.33E-09	9.88E-09	1.79E-09	5.95E-10	2.38E-09	1.39E-09	2.87E-10	1.68E-09
1940	624891.3	4265036.98	9.12E-09	3.14E-09	1.23E-08	7.63E-09	2.35E-09	9.98E-09	1.81E-09	6.01E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
1941	624900.27	4265040.85	9.21E-09	3.17E-09	1.24E-08	7.70E-09	2.37E-09	1.01E-08	1.82E-09	6.07E-10	2.43E-09	1.42E-09	2.92E-10	1.71E-09
1942	624909.24	4265044.72	9.29E-09	3.19E-09	1.25E-08	7.77E-09	2.39E-09	1.02E-08	1.84E-09	6.12E-10	2.45E-09	1.43E-09	2.95E-10	1.73E-09
1943	624918.21	4265048.59	9.37E-09	3.22E-09	1.26E-08	7.83E-09	2.41E-09	1.02E-08	1.85E-09	6.17E-10	2.47E-09	1.45E-09	2.97E-10	1.74E-09
1944	624927.18	4265052.46	9.44E-09	3.25E-09	1.27E-08	7.89E-09	2.43E-09	1.03E-08	1.87E-09	6.22E-10	2.49E-09	1.46E-09	3.00E-10	1.76E-09
1945	624936.15	4265056.33	9.52E-09	3.27E-09	1.28E-08	7.96E-09	2.45E-09	1.04E-08	1.88E-09	6.27E-10	2.51E-09	1.47E-09	3.02E-10	1.77E-09
1946	624945.12	4265060.2	9.59E-09	3.30E-09	1.29E-08	8.01E-09	2.47E-09	1.05E-08	1.90E-09	6.32E-10	2.53E-09	1.48E-09	3.04E-10	1.78E-09
1947	624954.09	4265064.07	9.65E-09	3.32E-09	1.30E-08	8.06E-09	2.48E-09	1.05E-08	1.91E-09	6.36E-10	2.55E-09	1.49E-09	3.06E-10	1.80E-09
1948	624963.06	4265067.94	9.71E-09	3.34E-09	1.30E-08	8.11E-09	2.50E-09	1.06E-08	1.92E-09	6.39E-10	2.56E-09	1.50E-09	3.08E-10	1.81E-09
1949	624972.03	4265071.81	9.76E-09	3.36E-09	1.31E-08	8.16E-09	2.51E-09	1.07E-08	1.93E-09	6.43E-10	2.57E-09	1.51E-09	3.10E-10	1.82E-09
1950	624981.01	4265075.67	9.81E-09	3.37E-09	1.32E-08	8.20E-09	2.52E-09	1.07E-08	1.94E-09	6.46E-10	2.59E-09	1.51E-09	3.11E-10	1.82E-09
1951	624989.98	4265079.54	9.85E-09	3.39E-09	1.32E-08	8.23E-09	2.53E-09	1.08E-08	1.95E-09	6.49E-10	2.60E-09	1.52E-09	3.12E-10	1.83E-09
1952	624998.95	4265083.41	9.88E-09	3.40E-09	1.33E-08	8.26E-09	2.54E-09	1.08E-08	1.96E-09	6.51E-10	2.61E-09	1.52E-09	3.14E-10	1.84E-09
1953	625007.92	4265087.28	9.91E-09	3.41E-09	1.33E-08	8.28E-09	2.55E-09	1.08E-08	1.96E-09	6.53E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
1954	625016.89	4265091.15	9.93E-09	3.41E-09	1.33E-08	8.30E-09	2.56E-09	1.09E-08	1.96E-09	6.54E-10	2.62E-09	1.53E-09	3.15E-10	1.85E-09
1955	625025.86	4265095.02	9.94E-09	3.42E-09	1.34E-08	8.31E-09	2.56E-09	1.09E-08	1.97E-09	6.55E-10	2.62E-09	1.53E-09	3.15E-10	1.85E-09
1956	625034.83	4265098.89	9.94E-09	3.42E-09	1.34E-08	8.31E-09	2.56E-09	1.09E-08	1.97E-09	6.55E-10	2.62E-09	1.53E-09	3.15E-10	1.85E-09
1957	625043.8	4265102.76	9.94E-09	3.42E-09	1.34E-08	8.30E-09	2.56E-09	1.09E-08	1.97E-09	6.55E-10	2.62E-09	1.53E-09	3.15E-10	1.85E-09
1958	625052.77	4265106.63	9.93E-09	3.41E-09	1.33E-08	8.30E-09	2.56E-09	1.09E-08	1.96E-09	6.54E-10	2.62E-09	1.53E-09	3.15E-10	1.85E-09
1959	625061.75	4265110.5	9.91E-09	3.41E-09	1.33E-08	8.28E-09	2.55E-09	1.08E-08	1.96E-09	6.53E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
1960	625070.72	4265114.37	9.88E-09	3.40E-09	1.33E-08	8.26E-09	2.54E-09	1.08E-08	1.96E-09	6.51E-10	2.61E-09	1.52E-09	3.13E-10	1.84E-09
1961	625079.69	4265118.24	9.84E-09	3.38E-09	1.32E-08	8.23E-09	2.53E-09	1.08E-08	1.95E-09	6.48E-10	2.60E-09	1.52E-09	3.12E-10	1.83E-09
1962	625088.66	4265122.11	9.80E-09	3.37E-09	1.32E-08	8.19E-09	2.52E-09	1.07E-08	1.94E-09	6.45E-10	2.58E-09	1.51E-09	3.11E-10	1.82E-09
1963	625097.63	4265125.98	9.74E-09	3.35E-09	1.31E-08	8.14E-09	2.51E-09	1.07E-08	1.93E-09	6.42E-10	2.57E-09	1.50E-09	3.09E-10	1.81E-09
1964	625106.6	4265129.85	9.68E-09	3.33E-09	1.30E-08	8.09E-09	2.49E-09	1.06E-08	1.92E-09	6.38E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
1965	625115.57	4265133.72	9.61E-09	3.31E-09	1.29E-08	8.04E-09	2.48E-09	1.05E-08	1.90E-09	6.33E-10	2.54E-09	1.48E-09	3.05E-10	1.79E-09
1966	625124.54	4265137.59	9.54E-09	3.28E-09	1.28E-08	7.97E-09	2.46E-09	1.04E-08	1.89E-09	6.28E-10	2.52E-09	1.47E-09	3.03E-10	1.77E-09
1967	625133.51	4265141.46	9.46E-09	3.25E-09	1.27E-08	7.90E-09	2.43E-09	1.03E-08	1.87E-09	6.23E-10	2.49E-09	1.46E-09	3.00E-10	1.76E-09
1968	625142.48	4265145.32	9.37E-09	3.22E-09	1.26E-08	7.83E-09	2.41E-09	1.02E-08	1.85E-09	6.17E-10	2.47E-09	1.45E-09	2.97E-10	1.74E-09
1969	625151.46	4265149.19	9.27E-09	3.19E-09	1.25E-08	7.75E-09	2.39E-09	1.01E-08	1.84E-09	6.11E-10	2.45E-09	1.43E-09	2.94E-10	1.73E-09
1970	625160.43	4265153.06	9.17E-09	3.15E-09	1.23E-08	7.67E-09	2.36E-09	1.00E-08	1.82E-09	6.04E-10	2.42E-09	1.42E-09	2.91E-10	1.71E-09
1971	625169.4	4265156.93	9.07E-09	3.12E-09	1.22E-08	7.58E-09	2.33E-09	9.91E-09	1.79E-09	5.97E-10	2.39E-09	1.40E-09	2.88E-10	1.69E-09
1972	625178.37	4265160.8	8.96E-09	3.08E-09	1.20E-08	7.49E-09	2.31E-09	9.79E-09	1.77E-09	5.90E-10	2.36E-09	1.38E-09	2.84E-10	1.67E-09
1973	625187.34	4265164.67	8.85E-09	3.04E-09	1.19E-08	7.39E-09	2.28E-09	9.67E-09	1.75E-09	5.83E-10	2.33E-09	1.36E-09	2.81E-10	1.65E-09
1974	625196.31	4265168.54	8.73E-09	3.00E-09	1.17E-08	7.30E-09	2.25E-09	9.54E-09	1.73E-09	5.75E-10	2.30E-09	1.35E-09	2.77E-10	1.62E-09
1975	625205.28	4265172.41	8.61E-09	2.96E-09	1.16E-08	7.20E-09	2.22E-09	9.41E-09	1.70E-09	5.67E-10	2.27E-09	1.33E-09	2.73E-10	1.60E-09
1976	625214.25	4265176.28	8.49E-09	2.92E-09	1.14E-08	7.10E-09	2.19E-09	9.28E-09	1.68E-09	5.59E-10	2.24E-09	1.31E-09	2.69E-10	1.58E-09
1977	625223.22	4265180.15	8.37E-09	2.88E-09	1.12E-08	6.99E-09	2.15E-09	9.15E-09	1.66E-09	5.51E-10	2.21E-09	1.29E-09	2.66E-10	1.56E-09
1978	625232.2	4265184.02	8.24E-09	2.83E-09	1.11E-08	6.89E-09	2.12E-09	9.01E-09	1.63E-09	5.43E-10	2.17E-09	1.27E-09	2.62E-10	1.53E-09
1979	625241.17	4265187.89	8.12E-09	2.79E-09	1.09E-08	6.79E-09	2.09E-09	8.88E-09	1.61E-09	5.35E-10	2.14E-09	1.25E-09	2.58E-10	1.51E-09
1980	625250.14	4265191.76	8.00E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
1981	625259.11	4265195.63	7.87E-09	2.71E-09	1.06E-08	6.58E-09	2.03E-09	8.61E-09	1.56E-09	5.19E-10	2.08E-09	1.21E-09	2.50E-10	1.46E-09
1982	625268.08	4265199.5	7.75E-09	2.67E-09	1.04E-08	6.48E-09	2.00E-09	8.47E-09	1.53E-09	5.11E-10	2.04E-09	1.20E-09	2.46E-10	1.44E-09
1983	625277.05	4265203.37	7.63E-09	2.62E-09	1.03E-08	6.38E-09	1.96E-09	8.34E-09	1.51E-09	5.03E-10	2.01E-09	1.18E-09	2.42E-10	1.42E-09
1984	625286.02	4265207.24	7.51E-09	2.58E-09	1.01E-08	6.28E-09	1.93E-09	8.21E-09	1.49E-09	4.95E-10	1.98E-09	1.16E-09	2.38E-10	1.40E-09
1985	625294.99	4265211.1	7.39E-09	2.54E-09	9.94E-09	6.18E-09	1.90E-09	8.08E-09	1.46E-09	4.87E-10	1.95E-09	1.14E-09	2.35E-10	1.38E-09
1986	625303.96	4265214.97	7.28E-09	2.50E-09	9.78E-09	6.08E-09	1.87E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
1987	625312.93	4265218.84	7.17E-09	2.46E-09	9.63E-09	5.99E-09	1.84E-09	7.83E-09	1.42E-09	4.72E-10	1.89E-09	1.11E-09	2.27E-10	1.33E-09
1988	625325.5	4265231.8	7.04E-09	2.42E-09	9.46E-09	5.89E-09	1.81E-09	7.70E-09	1.39E-09	4.64E-10	1.86E-09	1.09E-09	2.23E-10	1.31E-09
1989	625329.1	4265240.88	7.03E-09	2.42E-09	9.44E-09	5.87E-09	1.81E-09	7.68E-09	1.39E-09	4.63E-10	1.85E-09	1.08E-09	2.23E-10	1.31E-09
1990	625332.69	4265249.97	7.01E-09	2.41E-09	9.43E-09	5.86E-09	1.81E-09	7.67E-09	1.39E-09	4.62E-10	1.85E-09	1.08E-09	2.23E-10	1.30E-09
1991	625336.29	4265259.05	7.00E-09	2.41E-09	9.41E-09	5.85E-09	1.80E-09	7.65E-09	1.39E-09	4.61E-10	1.85E-09	1.08E-09	2.22E-10	1.30E-09
1992	625339.88	4265268.13	6.98E-09	2.40E-09	9.39E-09	5.84E-09	1.80E-09	7.64E-09	1.38E-09	4.60E-10	1.84E-09	1.08E-09	2.22E-10	1.30E-09
1993	625343.48	4265277.22	6.97E-09	2.40E-09	9.36E-09	5.82E-09	1.79E-09	7.62E-09	1.38E-09	4.59E-10	1.84E-09	1.08E-09	2.21E-10	1.30E-09
1994	625347.08	4265286.3	6.95E-09	2.39E-09	9.34E-09	5.81E-09	1.79E-09	7.60E-09	1.38E-09	4.58E-10	1.83E-09	1.07E-09	2.21E-10	1.29E-09
1995	625350.67	4265295.39	6.94E-09	2.39E-09	9.32E-09	5.80E-09	1.79E-09	7.58E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
1996	625354.27	4265304.47	6.92E-09	2.38E-09	9.30E-09	5.78E-09	1.78E-09	7.56E-09	1.37E-09	4.56E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
1997	625357.86	4265313.56	6.90E-09	2.37E-09	9.27E-09	5.77E-09	1.78E-09	7.54E-09	1.37E-09	4.55E-10	1.82E-09	1.06E-09	2.19E-10	1.28E-09

1998	625361.46	4265322.64	6.88E-09	2.37E-09	9.25E-09	5.75E-09	1.77E-09	7.52E-09	1.36E-09	4.53E-10	1.82E-09	1.06E-09	2.18E-10	1.28E-09
1999	625365.05	4265331.72	6.86E-09	2.36E-09	9.22E-09	5.73E-09	1.77E-09	7.50E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
2000	625368.65	4265340.81	6.84E-09	2.35E-09	9.19E-09	5.72E-09	1.76E-09	7.48E-09	1.35E-09	4.51E-10	1.80E-09	1.06E-09	2.17E-10	1.27E-09
2001	625372.24	4265349.89	6.82E-09	2.34E-09	9.16E-09	5.70E-09	1.76E-09	7.45E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
2002	625375.84	4265358.98	6.80E-09	2.34E-09	9.13E-09	5.68E-09	1.75E-09	7.43E-09	1.35E-09	4.48E-10	1.79E-09	1.05E-09	2.16E-10	1.26E-09
2003	625379.44	4265368.06	6.77E-09	2.33E-09	9.10E-09	5.66E-09	1.74E-09	7.40E-09	1.34E-09	4.46E-10	1.79E-09	1.04E-09	2.15E-10	1.26E-09
2004	625383.03	4265377.15	6.75E-09	2.32E-09	9.07E-09	5.64E-09	1.74E-09	7.38E-09	1.34E-09	4.45E-10	1.78E-09	1.04E-09	2.14E-10	1.26E-09
2005	625386.63	4265386.23	6.72E-09	2.31E-09	9.03E-09	5.62E-09	1.73E-09	7.35E-09	1.33E-09	4.43E-10	1.77E-09	1.04E-09	2.13E-10	1.25E-09
2006	625390.22	4265395.31	6.69E-09	2.30E-09	9.00E-09	5.60E-09	1.72E-09	7.32E-09	1.33E-09	4.41E-10	1.77E-09	1.03E-09	2.12E-10	1.25E-09
2007	625393.82	4265404.4	6.67E-09	2.29E-09	8.96E-09	5.57E-09	1.72E-09	7.29E-09	1.32E-09	4.39E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
2008	625397.41	4265413.48	6.64E-09	2.28E-09	8.92E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.37E-10	1.75E-09	1.02E-09	2.11E-10	1.23E-09
2009	625401.01	4265422.57	6.61E-09	2.27E-09	8.88E-09	5.52E-09	1.70E-09	7.22E-09	1.31E-09	4.35E-10	1.74E-09	1.02E-09	2.10E-10	1.23E-09
2010	625404.6	4265431.65	6.58E-09	2.26E-09	8.84E-09	5.50E-09	1.69E-09	7.19E-09	1.30E-09	4.33E-10	1.74E-09	1.01E-09	2.09E-10	1.22E-09
2011	625408.2	4265440.74	6.54E-09	2.25E-09	8.79E-09	5.47E-09	1.68E-09	7.15E-09	1.30E-09	4.31E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
2012	625411.8	4265449.82	6.51E-09	2.24E-09	8.75E-09	5.44E-09	1.68E-09	7.12E-09	1.29E-09	4.29E-10	1.72E-09	1.00E-09	2.07E-10	1.21E-09
2013	625415.39	4265458.9	6.47E-09	2.23E-09	8.70E-09	5.41E-09	1.67E-09	7.08E-09	1.28E-09	4.27E-10	1.71E-09	9.99E-10	2.05E-10	1.20E-09
2014	625418.99	4265467.99	6.44E-09	2.21E-09	8.65E-09	5.38E-09	1.66E-09	7.04E-09	1.27E-09	4.24E-10	1.70E-09	9.93E-10	2.04E-10	1.20E-09
2015	625422.58	4265477.07	6.40E-09	2.20E-09	8.60E-09	5.35E-09	1.65E-09	7.00E-09	1.27E-09	4.22E-10	1.69E-09	9.87E-10	2.03E-10	1.19E-09
2016	625426.18	4265486.16	6.36E-09	2.19E-09	8.55E-09	5.32E-09	1.64E-09	6.95E-09	1.26E-09	4.19E-10	1.68E-09	9.81E-10	2.02E-10	1.18E-09
2017	625429.77	4265495.24	6.32E-09	2.17E-09	8.49E-09	5.28E-09	1.63E-09	6.91E-09	1.25E-09	4.16E-10	1.67E-09	9.75E-10	2.01E-10	1.18E-09
2018	625433.37	4265504.32	6.28E-09	2.16E-09	8.44E-09	5.25E-09	1.62E-09	6.86E-09	1.24E-09	4.14E-10	1.66E-09	9.69E-10	1.99E-10	1.17E-09
2019	625436.97	4265513.41	6.23E-09	2.14E-09	8.38E-09	5.21E-09	1.61E-09	6.82E-09	1.23E-09	4.11E-10	1.64E-09	9.62E-10	1.98E-10	1.16E-09
2020	625440.56	4265522.49	6.19E-09	2.13E-09	8.32E-09	5.17E-09	1.59E-09	6.77E-09	1.23E-09	4.08E-10	1.63E-09	9.55E-10	1.96E-10	1.15E-09
2021	625444.16	4265531.58	6.14E-09	2.11E-09	8.26E-09	5.13E-09	1.58E-09	6.72E-09	1.22E-09	4.05E-10	1.62E-09	9.48E-10	1.95E-10	1.14E-09
2022	625447.75	4265540.66	6.10E-09	2.10E-09	8.19E-09	5.09E-09	1.57E-09	6.66E-09	1.21E-09	4.02E-10	1.61E-09	9.41E-10	1.93E-10	1.13E-09
2023	625451.35	4265549.75	6.05E-09	2.08E-09	8.13E-09	5.05E-09	1.56E-09	6.61E-09	1.20E-09	3.98E-10	1.60E-09	9.33E-10	1.92E-10	1.12E-09
2024	625454.94	4265558.83	6.00E-09	2.06E-09	8.06E-09	5.01E-09	1.54E-09	6.56E-09	1.19E-09	3.95E-10	1.58E-09	9.25E-10	1.90E-10	1.12E-09
2025	625458.54	4265567.91	5.94E-09	2.04E-09	7.99E-09	4.97E-09	1.53E-09	6.50E-09	1.18E-09	3.92E-10	1.57E-09	9.17E-10	1.89E-10	1.11E-09
2026	625462.13	4265577	5.89E-09	2.03E-09	7.92E-09	4.92E-09	1.52E-09	6.44E-09	1.17E-09	3.88E-10	1.55E-09	9.09E-10	1.87E-10	1.10E-09
2027	625465.73	4265586.08	5.83E-09	2.01E-09	7.84E-09	4.88E-09	1.50E-09	6.38E-09	1.15E-09	3.84E-10	1.54E-09	9.00E-10	1.85E-10	1.09E-09
2028	625469.33	4265595.17	5.78E-09	1.99E-09	7.76E-09	4.83E-09	1.49E-09	6.31E-09	1.14E-09	3.81E-10	1.52E-09	8.91E-10	1.83E-10	1.07E-09
2029	625472.92	4265604.25	5.72E-09	1.97E-09	7.68E-09	4.78E-09	1.47E-09	6.25E-09	1.13E-09	3.77E-10	1.51E-09	8.82E-10	1.81E-10	1.06E-09
2030	625476.52	4265613.34	5.65E-09	1.94E-09	7.60E-09	4.73E-09	1.46E-09	6.18E-09	1.12E-09	3.73E-10	1.49E-09	8.73E-10	1.79E-10	1.05E-09
2031	625480.11	4265622.42	5.59E-09	1.92E-09	7.52E-09	4.67E-09	1.44E-09	6.11E-09	1.11E-09	3.68E-10	1.48E-09	8.63E-10	1.77E-10	1.04E-09
2032	625483.71	4265631.5	5.53E-09	1.90E-09	7.43E-09	4.62E-09	1.42E-09	6.04E-09	1.09E-09	3.64E-10	1.46E-09	8.53E-10	1.75E-10	1.03E-09
2033	625487.3	4265640.59	5.46E-09	1.88E-09	7.34E-09	4.57E-09	1.41E-09	5.97E-09	1.08E-09	3.60E-10	1.44E-09	8.43E-10	1.73E-10	1.02E-09
2034	625490.9	4265649.67	5.40E-09	1.86E-09	7.25E-09	4.51E-09	1.39E-09	5.90E-09	1.07E-09	3.56E-10	1.42E-09	8.33E-10	1.71E-10	1.00E-09
2035	625494.5	4265658.76	5.33E-09	1.83E-09	7.16E-09	4.46E-09	1.37E-09	5.83E-09	1.06E-09	3.51E-10	1.41E-09	8.23E-10	1.69E-10	9.92E-10
2036	625498.09	4265667.84	5.27E-09	1.81E-09	7.08E-09	4.40E-09	1.36E-09	5.76E-09	1.04E-09	3.47E-10	1.39E-09	8.13E-10	1.67E-10	9.80E-10
2037	625501.69	4265676.93	5.20E-09	1.79E-09	6.99E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.02E-10	1.65E-10	9.67E-10
2038	624864.38	4265025.37	8.85E-09	3.04E-09	1.19E-08	7.40E-09	2.28E-09	9.68E-09	1.75E-09	5.83E-10	2.34E-09	1.37E-09	2.81E-10	1.65E-09
2039	624854.47	4265025.24	8.82E-09	3.03E-09	1.19E-08	7.37E-09	2.27E-09	9.64E-09	1.75E-09	5.81E-10	2.33E-09	1.36E-09	2.80E-10	1.64E-09
2040	624844.56	4265025.1	8.78E-09	3.02E-09	1.18E-08	7.34E-09	2.26E-09	9.60E-09	1.74E-09	5.79E-10	2.32E-09	1.36E-09	2.79E-10	1.63E-09
2041	624834.66	4265024.96	8.75E-09	3.01E-09	1.18E-08	7.31E-09	2.25E-09	9.56E-09	1.73E-09	5.76E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
2042	624824.75	4265024.82	8.71E-09	2.99E-09	1.17E-08	7.28E-09	2.24E-09	9.52E-09	1.72E-09	5.74E-10	2.30E-09	1.34E-09	2.76E-10	1.62E-09
2043	624814.84	4265024.69	8.67E-09	2.98E-09	1.16E-08	7.24E-09	2.23E-09	9.48E-09	1.72E-09	5.71E-10	2.29E-09	1.34E-09	2.75E-10	1.61E-09
2044	624804.93	4265024.55	8.62E-09	2.97E-09	1.16E-08	7.21E-09	2.22E-09	9.43E-09	1.71E-09	5.68E-10	2.28E-09	1.33E-09	2.74E-10	1.60E-09
2045	624795.02	4265024.41	8.58E-09	2.95E-09	1.15E-08	7.17E-09	2.21E-09	9.38E-09	1.70E-09	5.65E-10	2.26E-09	1.32E-09	2.72E-10	1.60E-09
2046	624785.11	4265024.27	8.53E-09	2.93E-09	1.15E-08	7.13E-09	2.20E-09	9.33E-09	1.69E-09	5.62E-10	2.25E-09	1.32E-09	2.71E-10	1.59E-09
2047	624775.2	4265024.14	8.48E-09	2.92E-09	1.14E-08	7.09E-09	2.18E-09	9.27E-09	1.68E-09	5.59E-10	2.24E-09	1.31E-09	2.69E-10	1.58E-09
2048	624765.29	4265024	8.42E-09	2.90E-09	1.13E-08	7.04E-09	2.17E-09	9.21E-09	1.67E-09	5.55E-10	2.22E-09	1.30E-09	2.67E-10	1.57E-09
2049	624755.39	4265023.86	8.36E-09	2.88E-09	1.12E-08	6.99E-09	2.15E-09	9.15E-09	1.66E-09	5.51E-10	2.21E-09	1.29E-09	2.65E-10	1.56E-09
2050	624745.48	4265023.72	8.30E-09	2.86E-09	1.12E-08	6.94E-09	2.14E-09	9.08E-09	1.64E-09	5.47E-10	2.19E-09	1.28E-09	2.64E-10	1.54E-09
2051	624735.57	4265023.59	8.24E-09	2.83E-09	1.11E-08	6.88E-09	2.12E-09	9.00E-09	1.63E-09	5.43E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
2052	624725.66	4265023.45	8.16E-09	2.81E-09	1.10E-08	6.82E-09	2.10E-09	8.93E-09	1.62E-09	5.38E-10	2.15E-09	1.26E-09	2.59E-10	1.52E-09
2053	624715.75	4265023.31	8.09E-09	2.78E-09	1.09E-08	6.76E-09	2.08E-09	8.84E-09	1.60E-09	5.33E-10	2.13E-09	1.25E-09	2.57E-10	1.51E-09
2054	624705.84	4265023.17	8.02E-09	2.76E-09	1.08E-08	6.70E-09	2.06E-09	8.76E-09	1.59E-09	5.28E-10	2.11E-09	1.24E-09	2.54E-10	1.49E-09
2055	624695.93	4265023.04	7.94E-09	2.73E-09	1.07E-08	6.63E-09	2.04E-09	8.68E-09	1.57E-09	5.23E-10	2.09E-09	1.22E-09	2.52E-10	1.48E-09
2056	624686.02	4265022.9	7.86E-09	2.70E-09	1.06E-08	6.57E-09	2.02E-09	8.59E-09	1.56E-09	5.18E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
2057	624676.12	4265022.76	7.78E-09	2.67E-09	1.04E-08	6.50E-09	2.00E-09	8.50E-09	1.54E-09	5.12E-10	2.05E-09	1.20E-09	2.47E-10	1.45E-09
2058	624666.21	4265022.62	7.69E-09	2.65E-09	1.03E-08	6.43E-09	1.98E-09	8.41E-09	1.52E-09	5.07E-10	2.03E-09	1.19E-09	2.44E-10	1.43E-09
2059	624656.3	4265022.49	7.61E-09	2.62E-09	1.02E-08	6.36E-09	1.96E-09	8.32E-09	1.51E-09	5.01E-10	2.01E-09	1.17E-09	2.41E-10	1.42E-09
2060	624646.39	4265022.35	7.52E-09	2.59E-09	1.01E-08	6.29E-09	1.94E-09	8.22E-09	1.49E-09	4.96E-10	1.98E-09	1.16E-09	2.39E-10	1.40E-09
2061	624636.48	4265022.21	7.44E-09	2.56E-09	1.00E-08	6.22E-09	1.91E-09	8.13E-09	1.47E-09	4.90E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
2062	624626.57	4265022.07	7.35E-09	2.53E-09	9.88E-09	6.15E-09	1.89E-09	8.04E-09	1.46E-09	4.85E-10	1.94E-09	1.13E-09	2.33E-10	1.37E-09
2063	624616.66	4265021.94	7.27E-09	2.50E-09	9.77E-09	6.08E-09	1.87E-09	7.95E-09	1.44E-09	4.79E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
2064	624606.75	4265021.8	7.19E-09	2.47E-09	9.66E-09	6.01E-09	1.85E-09	7.86E-09	1.42E-09	4.73E-10	1.90E-09	1.11E-09	2.28E-10	1.34E-09
2065	624596.84	4265021.66	7.10E-09	2.44E-09	9.55E-09	5.94E-09	1.83E-09	7.77E-09	1.41E-09	4.68E-10	1.87E-09	1.10E-09	2.25E-10	1.32E-09
2066	624586.94	4265021.53	7.03E-09	2.42E-09	9.45E-09	5.88E-09	1.81E-09	7.69E-09	1.39E-09	4.63E-10	1.85E-09	1.08E-09	2.23E-10	1.31E-09

2067	624577.03	4265021.39	6.96E-09	2.39E-09	9.35E-09	5.82E-09	1.79E-09	7.61E-09	1.38E-09	4.58E-10	1.84E-09	1.07E-09	2.21E-10	1.29E-09
2068	624567.12	4265021.25	6.89E-09	2.37E-09	9.26E-09	5.76E-09	1.77E-09	7.53E-09	1.36E-09	4.54E-10	1.82E-09	1.06E-09	2.19E-10	1.28E-09
2069	624557.21	4265021.11	6.83E-09	2.35E-09	9.17E-09	5.71E-09	1.76E-09	7.46E-09	1.35E-09	4.50E-10	1.80E-09	1.05E-09	2.17E-10	1.27E-09
2070	624547.3	4265020.98	6.76E-09	2.33E-09	9.09E-09	5.65E-09	1.74E-09	7.39E-09	1.34E-09	4.46E-10	1.78E-09	1.04E-09	2.15E-10	1.26E-09
2071	624537.39	4265020.84	6.70E-09	2.30E-09	9.01E-09	5.60E-09	1.73E-09	7.33E-09	1.33E-09	4.42E-10	1.77E-09	1.03E-09	2.13E-10	1.25E-09
2072	624527.48	4265020.7	6.64E-09	2.28E-09	8.93E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.38E-10	1.75E-09	1.03E-09	2.11E-10	1.24E-09
2073	624517.57	4265020.56	6.58E-09	2.26E-09	8.85E-09	5.50E-09	1.70E-09	7.20E-09	1.30E-09	4.34E-10	1.74E-09	1.02E-09	2.09E-10	1.23E-09
2074	624507.67	4265020.43	6.53E-09	2.24E-09	8.77E-09	5.46E-09	1.68E-09	7.14E-09	1.29E-09	4.30E-10	1.72E-09	1.01E-09	2.07E-10	1.21E-09
2075	624497.76	4265020.29	6.47E-09	2.23E-09	8.70E-09	5.41E-09	1.67E-09	7.07E-09	1.28E-09	4.26E-10	1.71E-09	9.98E-10	2.05E-10	1.20E-09
2076	624487.85	4265020.15	6.41E-09	2.21E-09	8.62E-09	5.36E-09	1.65E-09	7.01E-09	1.27E-09	4.23E-10	1.69E-09	9.89E-10	2.04E-10	1.19E-09
2077	624477.94	4265020.01	6.35E-09	2.19E-09	8.54E-09	5.31E-09	1.64E-09	6.95E-09	1.26E-09	4.19E-10	1.68E-09	9.81E-10	2.02E-10	1.18E-09
2078	624468.03	4265019.88	6.30E-09	2.16E-09	8.46E-09	5.26E-09	1.62E-09	6.88E-09	1.25E-09	4.15E-10	1.66E-09	9.71E-10	2.00E-10	1.17E-09
2079	624458.12	4265019.74	6.24E-09	2.14E-09	8.38E-09	5.21E-09	1.61E-09	6.82E-09	1.23E-09	4.11E-10	1.65E-09	9.62E-10	1.98E-10	1.16E-09
2080	624448.21	4265019.6	6.18E-09	2.12E-09	8.30E-09	5.16E-09	1.59E-09	6.75E-09	1.22E-09	4.07E-10	1.63E-09	9.53E-10	1.96E-10	1.15E-09
2081	624438.3	4265019.46	6.11E-09	2.10E-09	8.22E-09	5.11E-09	1.57E-09	6.69E-09	1.21E-09	4.03E-10	1.61E-09	9.44E-10	1.94E-10	1.14E-09
2082	624428.4	4265019.33	6.05E-09	2.08E-09	8.14E-09	5.06E-09	1.56E-09	6.62E-09	1.20E-09	3.99E-10	1.60E-09	9.34E-10	1.92E-10	1.13E-09
2083	624418.49	4265019.19	5.99E-09	2.06E-09	8.05E-09	5.01E-09	1.54E-09	6.55E-09	1.19E-09	3.95E-10	1.58E-09	9.25E-10	1.90E-10	1.11E-09
2084	624408.58	4265019.05	5.93E-09	2.04E-09	7.97E-09	4.96E-09	1.53E-09	6.48E-09	1.17E-09	3.91E-10	1.56E-09	9.15E-10	1.88E-10	1.10E-09
2085	624398.67	4265018.91	5.87E-09	2.02E-09	7.88E-09	4.90E-09	1.51E-09	6.41E-09	1.16E-09	3.86E-10	1.55E-09	9.05E-10	1.86E-10	1.09E-09
2086	624388.76	4265018.78	5.80E-09	2.00E-09	7.80E-09	4.85E-09	1.49E-09	6.35E-09	1.15E-09	3.82E-10	1.53E-09	8.96E-10	1.84E-10	1.08E-09
2087	624378.85	4265018.64	5.74E-09	1.97E-09	7.72E-09	4.80E-09	1.48E-09	6.28E-09	1.14E-09	3.78E-10	1.51E-09	8.86E-10	1.82E-10	1.07E-09
2088	624368.94	4265018.5	5.68E-09	1.95E-09	7.63E-09	4.75E-09	1.46E-09	6.21E-09	1.12E-09	3.74E-10	1.50E-09	8.76E-10	1.80E-10	1.06E-09
2089	624874.03	4264979.24	8.07E-09	2.78E-09	1.08E-08	6.75E-09	2.08E-09	8.83E-09	1.60E-09	5.32E-10	2.13E-09	1.25E-09	2.56E-10	1.50E-09
2090	624882.99	4264983.11	8.16E-09	2.81E-09	1.10E-08	6.82E-09	2.10E-09	8.92E-09	1.61E-09	5.37E-10	2.15E-09	1.26E-09	2.59E-10	1.52E-09
2091	624891.95	4264986.97	8.24E-09	2.83E-09	1.11E-08	6.89E-09	2.12E-09	9.01E-09	1.63E-09	5.43E-10	2.17E-09	1.27E-09	2.62E-10	1.53E-09
2092	624900.91	4264990.83	8.32E-09	2.86E-09	1.12E-08	6.96E-09	2.14E-09	9.10E-09	1.65E-09	5.48E-10	2.20E-09	1.28E-09	2.64E-10	1.55E-09
2093	624909.87	4264994.7	8.40E-09	2.89E-09	1.13E-08	7.03E-09	2.16E-09	9.19E-09	1.66E-09	5.54E-10	2.22E-09	1.30E-09	2.67E-10	1.56E-09
2094	624918.83	4264998.56	8.48E-09	2.92E-09	1.14E-08	7.09E-09	2.18E-09	9.27E-09	1.68E-09	5.59E-10	2.24E-09	1.31E-09	2.69E-10	1.58E-09
2095	624927.79	4265002.43	8.56E-09	2.94E-09	1.15E-08	7.15E-09	2.20E-09	9.36E-09	1.69E-09	5.64E-10	2.26E-09	1.32E-09	2.72E-10	1.59E-09
2096	624936.74	4265006.29	8.63E-09	2.97E-09	1.16E-08	7.22E-09	2.22E-09	9.44E-09	1.71E-09	5.69E-10	2.28E-09	1.33E-09	2.74E-10	1.61E-09
2097	624945.7	4265010.15	8.71E-09	2.99E-09	1.17E-08	7.28E-09	2.24E-09	9.52E-09	1.72E-09	5.74E-10	2.30E-09	1.34E-09	2.76E-10	1.62E-09
2098	624954.66	4265014.02	8.77E-09	3.02E-09	1.18E-08	7.33E-09	2.26E-09	9.59E-09	1.74E-09	5.78E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
2099	624963.62	4265017.88	8.84E-09	3.04E-09	1.19E-08	7.39E-09	2.27E-09	9.66E-09	1.75E-09	5.82E-10	2.33E-09	1.36E-09	2.80E-10	1.64E-09
2100	624972.58	4265021.75	8.89E-09	3.06E-09	1.20E-08	7.43E-09	2.29E-09	9.72E-09	1.76E-09	5.86E-10	2.35E-09	1.37E-09	2.82E-10	1.65E-09
2101	624981.54	4265025.61	8.95E-09	3.08E-09	1.20E-08	7.48E-09	2.30E-09	9.78E-09	1.77E-09	5.90E-10	2.36E-09	1.38E-09	2.84E-10	1.66E-09
2102	624990.49	4265029.47	9.00E-09	3.09E-09	1.21E-08	7.52E-09	2.32E-09	9.84E-09	1.78E-09	5.93E-10	2.37E-09	1.39E-09	2.86E-10	1.67E-09
2103	624999.45	4265033.34	9.04E-09	3.11E-09	1.22E-08	7.56E-09	2.33E-09	9.89E-09	1.79E-09	5.96E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
2104	625008.41	4265037.2	9.08E-09	3.12E-09	1.22E-08	7.59E-09	2.34E-09	9.93E-09	1.80E-09	5.98E-10	2.40E-09	1.40E-09	2.88E-10	1.69E-09
2105	625017.37	4265041.07	9.11E-09	3.13E-09	1.22E-08	7.62E-09	2.35E-09	9.96E-09	1.80E-09	6.00E-10	2.40E-09	1.41E-09	2.89E-10	1.70E-09
2106	625026.33	4265044.93	9.14E-09	3.14E-09	1.23E-08	7.64E-09	2.35E-09	9.99E-09	1.81E-09	6.02E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
2107	625035.29	4265048.79	9.16E-09	3.15E-09	1.23E-08	7.65E-09	2.36E-09	1.00E-08	1.81E-09	6.03E-10	2.42E-09	1.41E-09	2.91E-10	1.70E-09
2108	625044.25	4265052.66	9.17E-09	3.15E-09	1.23E-08	7.67E-09	2.36E-09	1.00E-08	1.82E-09	6.04E-10	2.42E-09	1.42E-09	2.91E-10	1.71E-09
2109	625053.2	4265056.52	9.18E-09	3.16E-09	1.23E-08	7.67E-09	2.36E-09	1.00E-08	1.82E-09	6.05E-10	2.42E-09	1.42E-09	2.91E-10	1.71E-09
2110	625062.16	4265060.39	9.18E-09	3.16E-09	1.23E-08	7.67E-09	2.36E-09	1.00E-08	1.82E-09	6.05E-10	2.42E-09	1.42E-09	2.91E-10	1.71E-09
2111	625071.12	4265064.25	9.17E-09	3.15E-09	1.23E-08	7.66E-09	2.36E-09	1.00E-08	1.81E-09	6.04E-10	2.42E-09	1.41E-09	2.91E-10	1.71E-09
2112	625080.08	4265068.11	9.15E-09	3.15E-09	1.23E-08	7.65E-09	2.36E-09	1.00E-08	1.81E-09	6.03E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
2113	625089.04	4265071.98	9.13E-09	3.14E-09	1.23E-08	7.63E-09	2.35E-09	9.98E-09	1.81E-09	6.01E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
2114	625098	4265075.84	9.10E-09	3.13E-09	1.22E-08	7.60E-09	2.34E-09	9.95E-09	1.80E-09	5.99E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
2115	625106.96	4265079.71	9.06E-09	3.11E-09	1.22E-08	7.57E-09	2.33E-09	9.90E-09	1.79E-09	5.97E-10	2.39E-09	1.40E-09	2.87E-10	1.69E-09
2116	625115.91	4265083.57	9.01E-09	3.10E-09	1.21E-08	7.53E-09	2.32E-09	9.85E-09	1.78E-09	5.94E-10	2.38E-09	1.39E-09	2.86E-10	1.68E-09
2117	625124.87	4265087.43	8.96E-09	3.08E-09	1.20E-08	7.49E-09	2.31E-09	9.80E-09	1.77E-09	5.90E-10	2.36E-09	1.38E-09	2.84E-10	1.67E-09
2118	625133.83	4265091.3	8.90E-09	3.06E-09	1.20E-08	7.44E-09	2.29E-09	9.73E-09	1.76E-09	5.87E-10	2.35E-09	1.37E-09	2.83E-10	1.66E-09
2119	625142.79	4265095.16	8.84E-09	3.04E-09	1.19E-08	7.39E-09	2.28E-09	9.66E-09	1.75E-09	5.82E-10	2.33E-09	1.36E-09	2.80E-10	1.64E-09
2120	625151.75	4265099.03	8.77E-09	3.01E-09	1.18E-08	7.33E-09	2.26E-09	9.59E-09	1.74E-09	5.78E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
2121	625160.71	4265102.89	8.69E-09	2.99E-09	1.17E-08	7.26E-09	2.24E-09	9.50E-09	1.72E-09	5.73E-10	2.29E-09	1.34E-09	2.76E-10	1.62E-09
2122	625169.66	4265106.75	8.61E-09	2.96E-09	1.16E-08	7.20E-09	2.22E-09	9.41E-09	1.70E-09	5.67E-10	2.27E-09	1.33E-09	2.73E-10	1.60E-09
2123	625178.62	4265110.62	8.52E-09	2.93E-09	1.15E-08	7.12E-09	2.19E-09	9.32E-09	1.69E-09	5.62E-10	2.25E-09	1.32E-09	2.70E-10	1.59E-09
2124	625187.58	4265114.48	8.43E-09	2.90E-09	1.13E-08	7.05E-09	2.17E-09	9.22E-09	1.67E-09	5.56E-10	2.22E-09	1.30E-09	2.68E-10	1.57E-09
2125	625196.54	4265118.35	8.34E-09	2.87E-09	1.12E-08	6.97E-09	2.15E-09	9.11E-09	1.65E-09	5.49E-10	2.20E-09	1.29E-09	2.65E-10	1.55E-09
2126	625205.5	4265122.21	8.24E-09	2.83E-09	1.11E-08	6.89E-09	2.12E-09	9.01E-09	1.63E-09	5.43E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
2127	625214.46	4265126.07	8.14E-09	2.80E-09	1.09E-08	6.80E-09	2.09E-09	8.90E-09	1.61E-09	5.36E-10	2.15E-09	1.26E-09	2.58E-10	1.51E-09
2128	625223.42	4265129.94	8.03E-09	2.76E-09	1.08E-08	6.71E-09	2.07E-09	8.78E-09	1.59E-09	5.29E-10	2.12E-09	1.24E-09	2.55E-10	1.49E-09
2129	625232.37	4265133.8	7.93E-09	2.73E-09	1.07E-08	6.63E-09	2.04E-09	8.67E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.52E-10	1.47E-09
2130	625241.33	4265137.67	7.82E-09	2.69E-09	1.05E-08	6.54E-09	2.01E-09	8.55E-09	1.55E-09	5.15E-10	2.06E-09	1.21E-09	2.48E-10	1.45E-09
2131	625250.29	4265141.53	7.71E-09	2.65E-09	1.04E-08	6.44E-09	1.99E-09	8.43E-09	1.53E-09	5.08E-10	2.03E-09	1.19E-09	2.45E-10	1.43E-09
2132	625259.25	4265145.39	7.60E-09	2.61E-09	1.02E-08	6.35E-09	1.96E-09	8.31E-09	1.50E-09	5.01E-10	2.00E-09	1.17E-09	2.41E-10	1.41E-09
2133	625268.21	4265149.26	7.49E-09	2.58E-09	1.01E-08	6.26E-09	1.93E-09	8.19E-09	1.48E-09	4.93E-10	1.98E-09	1.16E-09	2.38E-10	1.39E-09
2134	625277.17	4265153.12	7.38E-09	2.54E-09	9.92E-09	6.17E-09	1.90E-09	8.07E-09	1.46E-09	4.86E-10	1.95E-09	1.14E-09	2.34E-10	1.37E-09
2135	625286.13	4265156.99	7.27E-09	2.50E-09	9.77E-09	6.08E-09	1.87E-09	7.95E-09	1.44E-09	4.79E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09

2136	625295.08	4265160.85	7.16E-09	2.46E-09	9.63E-09	5.99E-09	1.84E-09	7.83E-09	1.42E-09	4.72E-10	1.89E-09	1.11E-09	2.27E-10	1.33E-09
2137	625304.04	4265164.71	7.06E-09	2.43E-09	9.48E-09	5.90E-09	1.82E-09	7.72E-09	1.40E-09	4.65E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
2138	625313	4265168.58	6.95E-09	2.39E-09	9.34E-09	5.81E-09	1.79E-09	7.60E-09	1.38E-09	4.58E-10	1.83E-09	1.07E-09	2.21E-10	1.29E-09
2139	625321.96	4265172.44	6.85E-09	2.35E-09	9.20E-09	5.72E-09	1.76E-09	7.49E-09	1.36E-09	4.51E-10	1.81E-09	1.06E-09	2.17E-10	1.27E-09
2140	625330.92	4265176.31	6.75E-09	2.32E-09	9.07E-09	5.64E-09	1.74E-09	7.38E-09	1.34E-09	4.44E-10	1.78E-09	1.04E-09	2.14E-10	1.26E-09
2141	625339.88	4265180.17	6.65E-09	2.29E-09	8.93E-09	5.56E-09	1.71E-09	7.27E-09	1.32E-09	4.38E-10	1.75E-09	1.03E-09	2.11E-10	1.24E-09
2142	625348.83	4265184.03	6.55E-09	2.25E-09	8.80E-09	5.47E-09	1.69E-09	7.16E-09	1.30E-09	4.32E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
2143	625361.38	4265196.97	6.44E-09	2.22E-09	8.66E-09	5.39E-09	1.66E-09	7.04E-09	1.28E-09	4.25E-10	1.70E-09	9.94E-10	2.04E-10	1.20E-09
2144	625364.97	4265206.04	6.43E-09	2.21E-09	8.65E-09	5.38E-09	1.66E-09	7.03E-09	1.27E-09	4.24E-10	1.70E-09	9.93E-10	2.04E-10	1.20E-09
2145	625368.57	4265215.11	6.42E-09	2.21E-09	8.63E-09	5.37E-09	1.65E-09	7.02E-09	1.27E-09	4.23E-10	1.69E-09	9.91E-10	2.04E-10	1.19E-09
2146	625372.16	4265224.18	6.41E-09	2.20E-09	8.61E-09	5.36E-09	1.65E-09	7.01E-09	1.27E-09	4.22E-10	1.69E-09	9.89E-10	2.03E-10	1.19E-09
2147	625375.75	4265233.26	6.40E-09	2.20E-09	8.60E-09	5.35E-09	1.65E-09	7.00E-09	1.27E-09	4.22E-10	1.69E-09	9.87E-10	2.03E-10	1.19E-09
2148	625379.34	4265242.33	6.39E-09	2.20E-09	8.58E-09	5.34E-09	1.64E-09	6.98E-09	1.26E-09	4.21E-10	1.68E-09	9.85E-10	2.03E-10	1.19E-09
2149	625382.93	4265251.4	6.37E-09	2.19E-09	8.57E-09	5.33E-09	1.64E-09	6.97E-09	1.26E-09	4.20E-10	1.68E-09	9.84E-10	2.02E-10	1.19E-09
2150	625386.52	4265260.47	6.36E-09	2.19E-09	8.55E-09	5.32E-09	1.64E-09	6.95E-09	1.26E-09	4.19E-10	1.68E-09	9.82E-10	2.02E-10	1.18E-09
2151	625390.11	4265269.54	6.35E-09	2.18E-09	8.53E-09	5.31E-09	1.63E-09	6.94E-09	1.26E-09	4.18E-10	1.67E-09	9.79E-10	2.01E-10	1.18E-09
2152	625393.7	4265278.61	6.33E-09	2.18E-09	8.51E-09	5.29E-09	1.63E-09	6.92E-09	1.25E-09	4.17E-10	1.67E-09	9.77E-10	2.01E-10	1.18E-09
2153	625397.29	4265287.68	6.32E-09	2.17E-09	8.49E-09	5.28E-09	1.63E-09	6.91E-09	1.25E-09	4.16E-10	1.67E-09	9.75E-10	2.01E-10	1.18E-09
2154	625400.88	4265296.76	6.30E-09	2.17E-09	8.47E-09	5.27E-09	1.62E-09	6.89E-09	1.25E-09	4.15E-10	1.66E-09	9.73E-10	2.00E-10	1.17E-09
2155	625404.47	4265305.83	6.29E-09	2.16E-09	8.45E-09	5.25E-09	1.62E-09	6.87E-09	1.24E-09	4.14E-10	1.66E-09	9.70E-10	2.00E-10	1.17E-09
2156	625408.06	4265314.9	6.27E-09	2.16E-09	8.43E-09	5.24E-09	1.61E-09	6.85E-09	1.24E-09	4.13E-10	1.65E-09	9.67E-10	1.99E-10	1.17E-09
2157	625411.65	4265323.97	6.25E-09	2.15E-09	8.40E-09	5.23E-09	1.61E-09	6.84E-09	1.24E-09	4.12E-10	1.65E-09	9.65E-10	1.98E-10	1.16E-09
2158	625415.24	4265333.04	6.23E-09	2.14E-09	8.38E-09	5.21E-09	1.60E-09	6.82E-09	1.23E-09	4.11E-10	1.64E-09	9.62E-10	1.98E-10	1.16E-09
2159	625418.83	4265342.11	6.21E-09	2.14E-09	8.35E-09	5.19E-09	1.60E-09	6.79E-09	1.23E-09	4.09E-10	1.64E-09	9.59E-10	1.97E-10	1.16E-09
2160	625422.42	4265351.19	6.19E-09	2.13E-09	8.32E-09	5.18E-09	1.59E-09	6.77E-09	1.23E-09	4.08E-10	1.63E-09	9.56E-10	1.97E-10	1.15E-09
2161	625426.01	4265360.26	6.17E-09	2.12E-09	8.29E-09	5.16E-09	1.59E-09	6.75E-09	1.22E-09	4.07E-10	1.63E-09	9.52E-10	1.96E-10	1.15E-09
2162	625429.6	4265369.33	6.15E-09	2.11E-09	8.26E-09	5.14E-09	1.58E-09	6.72E-09	1.22E-09	4.05E-10	1.62E-09	9.49E-10	1.95E-10	1.14E-09
2163	625433.2	4265378.4	6.13E-09	2.11E-09	8.23E-09	5.12E-09	1.58E-09	6.70E-09	1.21E-09	4.04E-10	1.62E-09	9.45E-10	1.94E-10	1.14E-09
2164	625436.79	4265387.47	6.10E-09	2.10E-09	8.20E-09	5.10E-09	1.57E-09	6.67E-09	1.21E-09	4.02E-10	1.61E-09	9.41E-10	1.94E-10	1.13E-09
2165	625440.38	4265396.54	6.07E-09	2.09E-09	8.16E-09	5.08E-09	1.56E-09	6.64E-09	1.20E-09	4.00E-10	1.60E-09	9.37E-10	1.93E-10	1.13E-09
2166	625443.97	4265405.61	6.04E-09	2.08E-09	8.12E-09	5.05E-09	1.56E-09	6.61E-09	1.20E-09	3.98E-10	1.59E-09	9.33E-10	1.92E-10	1.12E-09
2167	625447.56	4265414.69	6.02E-09	2.07E-09	8.08E-09	5.03E-09	1.55E-09	6.58E-09	1.19E-09	3.96E-10	1.59E-09	9.28E-10	1.91E-10	1.12E-09
2168	625451.15	4265423.76	5.98E-09	2.06E-09	8.04E-09	5.00E-09	1.54E-09	6.54E-09	1.18E-09	3.94E-10	1.58E-09	9.23E-10	1.90E-10	1.11E-09
2169	625454.74	4265432.83	5.95E-09	2.05E-09	8.00E-09	4.98E-09	1.53E-09	6.51E-09	1.18E-09	3.92E-10	1.57E-09	9.19E-10	1.89E-10	1.11E-09
2170	625458.33	4265441.9	5.92E-09	2.04E-09	7.95E-09	4.95E-09	1.52E-09	6.47E-09	1.17E-09	3.90E-10	1.56E-09	9.13E-10	1.88E-10	1.10E-09
2171	625461.92	4265450.97	5.89E-09	2.02E-09	7.91E-09	4.92E-09	1.52E-09	6.44E-09	1.17E-09	3.88E-10	1.55E-09	9.09E-10	1.87E-10	1.10E-09
2172	625465.51	4265460.04	5.86E-09	2.01E-09	7.87E-09	4.90E-09	1.51E-09	6.40E-09	1.16E-09	3.86E-10	1.55E-09	9.04E-10	1.86E-10	1.09E-09
2173	625469.1	4265469.12	5.82E-09	2.00E-09	7.83E-09	4.87E-09	1.50E-09	6.37E-09	1.15E-09	3.84E-10	1.54E-09	8.99E-10	1.85E-10	1.08E-09
2174	625472.69	4265478.19	5.79E-09	1.99E-09	7.78E-09	4.84E-09	1.49E-09	6.33E-09	1.15E-09	3.81E-10	1.53E-09	8.93E-10	1.84E-10	1.08E-09
2175	625476.28	4265487.26	5.75E-09	1.98E-09	7.73E-09	4.81E-09	1.48E-09	6.29E-09	1.14E-09	3.79E-10	1.52E-09	8.87E-10	1.82E-10	1.07E-09
2176	625479.87	4265496.33	5.71E-09	1.96E-09	7.67E-09	4.77E-09	1.47E-09	6.24E-09	1.13E-09	3.76E-10	1.51E-09	8.81E-10	1.81E-10	1.06E-09
2177	625483.46	4265505.4	5.67E-09	1.95E-09	7.62E-09	4.74E-09	1.46E-09	6.20E-09	1.12E-09	3.74E-10	1.50E-09	8.75E-10	1.80E-10	1.05E-09
2178	625487.05	4265514.47	5.63E-09	1.94E-09	7.56E-09	4.70E-09	1.45E-09	6.15E-09	1.11E-09	3.71E-10	1.48E-09	8.68E-10	1.79E-10	1.05E-09
2179	625490.64	4265523.55	5.59E-09	1.92E-09	7.51E-09	4.67E-09	1.44E-09	6.11E-09	1.11E-09	3.68E-10	1.47E-09	8.62E-10	1.77E-10	1.04E-09
2180	625494.24	4265532.62	5.54E-09	1.91E-09	7.45E-09	4.63E-09	1.43E-09	6.06E-09	1.10E-09	3.65E-10	1.46E-09	8.55E-10	1.76E-10	1.03E-09
2181	625497.83	4265541.69	5.50E-09	1.89E-09	7.38E-09	4.59E-09	1.41E-09	6.01E-09	1.09E-09	3.62E-10	1.45E-09	8.48E-10	1.74E-10	1.02E-09
2182	625501.42	4265550.76	5.45E-09	1.87E-09	7.32E-09	4.55E-09	1.40E-09	5.96E-09	1.08E-09	3.59E-10	1.44E-09	8.41E-10	1.73E-10	1.01E-09
2183	625505.01	4265559.83	5.40E-09	1.86E-09	7.26E-09	4.51E-09	1.39E-09	5.90E-09	1.07E-09	3.56E-10	1.42E-09	8.33E-10	1.71E-10	1.00E-09
2184	625508.6	4265568.9	5.35E-09	1.84E-09	7.19E-09	4.47E-09	1.38E-09	5.85E-09	1.06E-09	3.53E-10	1.41E-09	8.26E-10	1.70E-10	9.96E-10
2185	625512.19	4265577.97	5.30E-09	1.82E-09	7.12E-09	4.43E-09	1.36E-09	5.80E-09	1.05E-09	3.49E-10	1.40E-09	8.18E-10	1.68E-10	9.86E-10
2186	625515.78	4265587.05	5.25E-09	1.81E-09	7.05E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.38E-09	8.10E-10	1.67E-10	9.77E-10
2187	625519.37	4265596.12	5.20E-09	1.79E-09	6.98E-09	4.34E-09	1.34E-09	5.68E-09	1.03E-09	3.42E-10	1.37E-09	8.02E-10	1.65E-10	9.67E-10
2188	625522.96	4265605.19	5.15E-09	1.77E-09	6.92E-09	4.30E-09	1.33E-09	5.63E-09	1.02E-09	3.39E-10	1.36E-09	7.94E-10	1.63E-10	9.58E-10
2189	625526.55	4265614.26	5.10E-09	1.75E-09	6.85E-09	4.26E-09	1.31E-09	5.57E-09	1.01E-09	3.36E-10	1.35E-09	7.87E-10	1.62E-10	9.48E-10
2190	625530.14	4265623.33	5.05E-09	1.74E-09	6.78E-09	4.22E-09	1.30E-09	5.52E-09	9.99E-10	3.32E-10	1.33E-09	7.79E-10	1.60E-10	9.39E-10
2191	625533.73	4265632.4	4.99E-09	1.72E-09	6.70E-09	4.17E-09	1.28E-09	5.45E-09	9.88E-10	3.29E-10	1.32E-09	7.70E-10	1.58E-10	9.28E-10
2192	625537.32	4265641.48	4.93E-09	1.70E-09	6.63E-09	4.12E-09	1.27E-09	5.39E-09	9.76E-10	3.25E-10	1.30E-09	7.61E-10	1.56E-10	9.17E-10
2193	625540.91	4265650.55	4.87E-09	1.68E-09	6.55E-09	4.07E-09	1.25E-09	5.33E-09	9.64E-10	3.21E-10	1.29E-09	7.52E-10	1.55E-10	9.06E-10
2194	625544.5	4265659.62	4.81E-09	1.65E-09	6.46E-09	4.02E-09	1.24E-09	5.26E-09	9.52E-10	3.17E-10	1.27E-09	7.42E-10	1.53E-10	8.95E-10
2195	625548.09	4265668.69	4.75E-09	1.63E-09	6.38E-09	3.97E-09	1.22E-09	5.19E-09	9.40E-10	3.13E-10	1.25E-09	7.33E-10	1.51E-10	8.84E-10
2196	625551.68	4265677.76	4.69E-09	1.61E-09	6.30E-09	3.92E-09	1.21E-09	5.13E-09	9.28E-10	3.09E-10	1.24E-09	7.23E-10	1.49E-10	8.72E-10
2197	624865.08	4264975.38	7.99E-09	2.75E-09	1.07E-08	6.67E-09	2.06E-09	8.73E-09	1.58E-09	5.26E-10	2.11E-09	1.23E-09	2.53E-10	1.49E-09
2198	624855.17	4264975.24	7.95E-09	2.73E-09	1.07E-08	6.65E-09	2.05E-09	8.70E-09	1.57E-09	5.24E-10	2.10E-09	1.23E-09	2.52E-10	1.48E-09
2199	624845.26	4264975.1	7.92E-09	2.72E-09	1.06E-08	6.62E-09	2.04E-09	8.66E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
2200	624835.35	4264974.97	7.88E-09	2.71E-09	1.06E-08	6.59E-09	2.03E-09	8.62E-09	1.56E-09	5.19E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
2201	624825.44	4264974.83	7.85E-09	2.70E-09	1.05E-08	6.56E-09	2.02E-09	8.58E-09	1.55E-09	5.17E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
2202	624815.53	4264974.69	7.81E-09	2.68E-09	1.05E-08	6.52E-09	2.01E-09	8.53E-09	1.55E-09	5.14E-10	2.06E-09	1.20E-09	2.48E-10	1.45E-09
2203	624805.62	4264974.55	7.76E-09	2.67E-09	1.04E-08	6.49E-09	2.00E-09	8.49E-09	1.54E-09	5.12E-10	2.05E-09	1.20E-09	2.46E-10	1.44E-09
2204	624795.71	4264974.42	7.72E-09	2.66E-09	1.04E-08	6.45E-09	1.99E-09	8.44E-09	1.53E-09	5.09E-10	2.04E-09	1.19E-09	2.45E-10	1.44E-09

2205	624785.81	4264974.28	7.68E-09	2.64E-09	1.03E-08	6.42E-09	1.98E-09	8.40E-09	1.52E-09	5.06E-10	2.03E-09	1.19E-09	2.44E-10	1.43E-09
2206	624775.9	4264974.14	7.64E-09	2.63E-09	1.03E-08	6.38E-09	1.97E-09	8.35E-09	1.51E-09	5.03E-10	2.01E-09	1.18E-09	2.42E-10	1.42E-09
2207	624765.99	4264974	7.59E-09	2.61E-09	1.02E-08	6.34E-09	1.95E-09	8.30E-09	1.50E-09	5.00E-10	2.00E-09	1.17E-09	2.41E-10	1.41E-09
2208	624756.08	4264973.87	7.54E-09	2.59E-09	1.01E-08	6.30E-09	1.94E-09	8.24E-09	1.49E-09	4.97E-10	1.99E-09	1.16E-09	2.39E-10	1.40E-09
2209	624746.17	4264973.73	7.49E-09	2.58E-09	1.01E-08	6.26E-09	1.93E-09	8.19E-09	1.48E-09	4.93E-10	1.98E-09	1.16E-09	2.38E-10	1.39E-09
2210	624736.26	4264973.59	7.43E-09	2.56E-09	9.99E-09	6.21E-09	1.91E-09	8.13E-09	1.47E-09	4.90E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
2211	624726.35	4264973.45	7.38E-09	2.54E-09	9.91E-09	6.17E-09	1.90E-09	8.06E-09	1.46E-09	4.86E-10	1.95E-09	1.14E-09	2.34E-10	1.37E-09
2212	624716.44	4264973.32	7.31E-09	2.52E-09	9.83E-09	6.11E-09	1.88E-09	8.00E-09	1.45E-09	4.82E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
2213	624706.53	4264973.18	7.25E-09	2.49E-09	9.75E-09	6.06E-09	1.87E-09	7.93E-09	1.44E-09	4.78E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
2214	624696.63	4264973.04	7.19E-09	2.47E-09	9.66E-09	6.01E-09	1.85E-09	7.86E-09	1.42E-09	4.74E-10	1.90E-09	1.11E-09	2.28E-10	1.34E-09
2215	624686.72	4264972.9	7.13E-09	2.45E-09	9.58E-09	5.96E-09	1.84E-09	7.79E-09	1.41E-09	4.70E-10	1.88E-09	1.10E-09	2.26E-10	1.33E-09
2216	624676.81	4264972.77	7.06E-09	2.43E-09	9.49E-09	5.90E-09	1.82E-09	7.72E-09	1.40E-09	4.65E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
2217	624666.9	4264972.63	6.99E-09	2.40E-09	9.40E-09	5.85E-09	1.80E-09	7.65E-09	1.38E-09	4.61E-10	1.84E-09	1.08E-09	2.22E-10	1.30E-09
2218	624656.99	4264972.49	6.92E-09	2.38E-09	9.30E-09	5.79E-09	1.78E-09	7.57E-09	1.37E-09	4.56E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
2219	624647.08	4264972.35	6.85E-09	2.36E-09	9.21E-09	5.73E-09	1.76E-09	7.49E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
2220	624637.17	4264972.22	6.78E-09	2.33E-09	9.12E-09	5.67E-09	1.75E-09	7.42E-09	1.34E-09	4.47E-10	1.79E-09	1.05E-09	2.15E-10	1.26E-09
2221	624627.26	4264972.08	6.71E-09	2.31E-09	9.02E-09	5.61E-09	1.73E-09	7.34E-09	1.33E-09	4.42E-10	1.77E-09	1.04E-09	2.13E-10	1.25E-09
2222	624617.36	4264971.94	6.64E-09	2.28E-09	8.93E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.38E-10	1.75E-09	1.02E-09	2.11E-10	1.24E-09
2223	624607.45	4264971.8	6.57E-09	2.26E-09	8.83E-09	5.49E-09	1.69E-09	7.18E-09	1.30E-09	4.33E-10	1.73E-09	1.01E-09	2.09E-10	1.22E-09
2224	624597.54	4264971.67	6.50E-09	2.24E-09	8.74E-09	5.43E-09	1.67E-09	7.11E-09	1.29E-09	4.28E-10	1.72E-09	1.00E-09	2.06E-10	1.21E-09
2225	624587.63	4264971.53	6.43E-09	2.21E-09	8.65E-09	5.38E-09	1.66E-09	7.04E-09	1.27E-09	4.24E-10	1.70E-09	9.93E-10	2.04E-10	1.20E-09
2226	624577.72	4264971.39	6.37E-09	2.19E-09	8.56E-09	5.33E-09	1.64E-09	6.97E-09	1.26E-09	4.20E-10	1.68E-09	9.83E-10	2.02E-10	1.19E-09
2227	624567.81	4264971.26	6.31E-09	2.17E-09	8.48E-09	5.28E-09	1.63E-09	6.90E-09	1.25E-09	4.16E-10	1.67E-09	9.74E-10	2.00E-10	1.17E-09
2228	624557.9	4264971.12	6.25E-09	2.15E-09	8.40E-09	5.23E-09	1.61E-09	6.84E-09	1.24E-09	4.12E-10	1.65E-09	9.65E-10	1.98E-10	1.16E-09
2229	624547.99	4264970.98	6.20E-09	2.13E-09	8.33E-09	5.18E-09	1.60E-09	6.78E-09	1.23E-09	4.08E-10	1.63E-09	9.56E-10	1.97E-10	1.15E-09
2230	624538.09	4264970.84	6.14E-09	2.11E-09	8.25E-09	5.13E-09	1.58E-09	6.72E-09	1.22E-09	4.05E-10	1.62E-09	9.48E-10	1.95E-10	1.14E-09
2231	624528.18	4264970.71	6.09E-09	2.09E-09	8.18E-09	5.09E-09	1.57E-09	6.66E-09	1.21E-09	4.01E-10	1.61E-09	9.40E-10	1.93E-10	1.13E-09
2232	624518.27	4264970.57	6.04E-09	2.08E-09	8.11E-09	5.05E-09	1.55E-09	6.60E-09	1.19E-09	3.98E-10	1.59E-09	9.31E-10	1.92E-10	1.12E-09
2233	624508.36	4264970.43	5.98E-09	2.06E-09	8.04E-09	5.00E-09	1.54E-09	6.54E-09	1.18E-09	3.94E-10	1.58E-09	9.23E-10	1.90E-10	1.11E-09
2234	624498.45	4264970.29	5.93E-09	2.04E-09	7.97E-09	4.96E-09	1.53E-09	6.49E-09	1.17E-09	3.91E-10	1.57E-09	9.15E-10	1.88E-10	1.10E-09
2235	624488.54	4264970.16	5.88E-09	2.02E-09	7.90E-09	4.92E-09	1.51E-09	6.43E-09	1.16E-09	3.87E-10	1.55E-09	9.07E-10	1.87E-10	1.09E-09
2236	624478.63	4264970.02	5.83E-09	2.00E-09	7.83E-09	4.87E-09	1.50E-09	6.37E-09	1.15E-09	3.84E-10	1.54E-09	8.99E-10	1.85E-10	1.08E-09
2237	624468.72	4264969.88	5.78E-09	1.99E-09	7.76E-09	4.83E-09	1.49E-09	6.32E-09	1.14E-09	3.81E-10	1.52E-09	8.91E-10	1.83E-10	1.07E-09
2238	624458.81	4264969.74	5.72E-09	1.97E-09	7.69E-09	4.78E-09	1.47E-09	6.26E-09	1.13E-09	3.77E-10	1.51E-09	8.83E-10	1.82E-10	1.06E-09
2239	624448.91	4264969.61	5.67E-09	1.95E-09	7.62E-09	4.74E-09	1.46E-09	6.20E-09	1.12E-09	3.74E-10	1.50E-09	8.75E-10	1.80E-10	1.06E-09
2240	624439	4264969.47	5.62E-09	1.93E-09	7.55E-09	4.70E-09	1.45E-09	6.14E-09	1.11E-09	3.70E-10	1.48E-09	8.67E-10	1.78E-10	1.05E-09
2241	624429.09	4264969.33	5.56E-09	1.91E-09	7.48E-09	4.65E-09	1.43E-09	6.08E-09	1.10E-09	3.67E-10	1.47E-09	8.59E-10	1.77E-10	1.04E-09
2242	624419.18	4264969.19	5.51E-09	1.89E-09	7.40E-09	4.60E-09	1.42E-09	6.02E-09	1.09E-09	3.63E-10	1.45E-09	8.50E-10	1.75E-10	1.02E-09
2243	624409.27	4264969.06	5.45E-09	1.88E-09	7.33E-09	4.56E-09	1.40E-09	5.96E-09	1.08E-09	3.59E-10	1.44E-09	8.42E-10	1.73E-10	1.01E-09
2244	624399.36	4264968.92	5.40E-09	1.86E-09	7.26E-09	4.51E-09	1.39E-09	5.90E-09	1.07E-09	3.56E-10	1.42E-09	8.33E-10	1.71E-10	1.00E-09
2245	624389.45	4264968.78	5.34E-09	1.84E-09	7.18E-09	4.47E-09	1.38E-09	5.84E-09	1.06E-09	3.52E-10	1.41E-09	8.25E-10	1.70E-10	9.94E-10
2246	624379.54	4264968.64	5.29E-09	1.82E-09	7.11E-09	4.42E-09	1.36E-09	5.78E-09	1.05E-09	3.48E-10	1.40E-09	8.16E-10	1.68E-10	9.84E-10
2247	624369.64	4264968.51	5.23E-09	1.80E-09	7.03E-09	4.38E-09	1.35E-09	5.72E-09	1.04E-09	3.45E-10	1.38E-09	8.08E-10	1.66E-10	9.74E-10
2248	624875.54	4264879.3	6.66E-09	2.29E-09	8.95E-09	5.57E-09	1.71E-09	7.28E-09	1.32E-09	4.39E-10	1.76E-09	1.03E-09	2.11E-10	1.24E-09
2249	624884.63	4264883.22	6.73E-09	2.32E-09	9.05E-09	5.63E-09	1.73E-09	7.36E-09	1.33E-09	4.44E-10	1.78E-09	1.04E-09	2.14E-10	1.25E-09
2250	624893.71	4264887.14	6.81E-09	2.34E-09	9.15E-09	5.69E-09	1.75E-09	7.44E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
2251	624902.79	4264891.06	6.88E-09	2.37E-09	9.25E-09	5.75E-09	1.77E-09	7.52E-09	1.36E-09	4.53E-10	1.82E-09	1.06E-09	2.18E-10	1.28E-09
2252	624911.87	4264894.97	6.95E-09	2.39E-09	9.34E-09	5.81E-09	1.79E-09	7.60E-09	1.38E-09	4.58E-10	1.83E-09	1.07E-09	2.21E-10	1.29E-09
2253	624920.96	4264898.89	7.02E-09	2.42E-09	9.44E-09	5.87E-09	1.81E-09	7.68E-09	1.39E-09	4.63E-10	1.85E-09	1.08E-09	2.23E-10	1.31E-09
2254	624930.04	4264902.81	7.09E-09	2.44E-09	9.53E-09	5.93E-09	1.83E-09	7.76E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
2255	624939.12	4264906.73	7.16E-09	2.46E-09	9.63E-09	5.99E-09	1.84E-09	7.83E-09	1.42E-09	4.72E-10	1.89E-09	1.11E-09	2.27E-10	1.33E-09
2256	624948.2	4264910.64	7.23E-09	2.49E-09	9.72E-09	6.05E-09	1.86E-09	7.91E-09	1.43E-09	4.77E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
2257	624957.29	4264914.56	7.30E-09	2.51E-09	9.81E-09	6.10E-09	1.88E-09	7.98E-09	1.45E-09	4.81E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
2258	624966.37	4264918.48	7.37E-09	2.53E-09	9.90E-09	6.16E-09	1.90E-09	8.05E-09	1.46E-09	4.85E-10	1.94E-09	1.14E-09	2.34E-10	1.37E-09
2259	624975.45	4264922.4	7.43E-09	2.56E-09	9.99E-09	6.21E-09	1.91E-09	8.12E-09	1.47E-09	4.90E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
2260	624984.53	4264926.31	7.49E-09	2.58E-09	1.01E-08	6.26E-09	1.93E-09	8.19E-09	1.48E-09	4.94E-10	1.98E-09	1.16E-09	2.38E-10	1.39E-09
2261	624993.62	4264930.23	7.55E-09	2.60E-09	1.01E-08	6.31E-09	1.94E-09	8.26E-09	1.49E-09	4.97E-10	1.99E-09	1.17E-09	2.40E-10	1.40E-09
2262	625002.7	4264934.15	7.61E-09	2.62E-09	1.02E-08	6.36E-09	1.96E-09	8.32E-09	1.51E-09	5.01E-10	2.01E-09	1.17E-09	2.41E-10	1.42E-09
2263	625011.78	4264938.07	7.66E-09	2.63E-09	1.03E-08	6.40E-09	1.97E-09	8.37E-09	1.52E-09	5.05E-10	2.02E-09	1.18E-09	2.43E-10	1.42E-09
2264	625020.86	4264941.98	7.71E-09	2.65E-09	1.04E-08	6.44E-09	1.98E-09	8.43E-09	1.53E-09	5.08E-10	2.03E-09	1.19E-09	2.45E-10	1.43E-09
2265	625029.94	4264945.9	7.75E-09	2.67E-09	1.04E-08	6.48E-09	2.00E-09	8.48E-09	1.53E-09	5.11E-10	2.05E-09	1.20E-09	2.46E-10	1.44E-09
2266	625039.03	4264949.82	7.79E-09	2.68E-09	1.05E-08	6.51E-09	2.01E-09	8.52E-09	1.54E-09	5.13E-10	2.06E-09	1.20E-09	2.47E-10	1.45E-09
2267	625048.11	4264953.74	7.83E-09	2.69E-09	1.05E-08	6.54E-09	2.02E-09	8.56E-09	1.55E-09	5.16E-10	2.07E-09	1.21E-09	2.48E-10	1.46E-09
2268	625057.19	4264957.65	7.86E-09	2.70E-09	1.06E-08	6.57E-09	2.02E-09	8.59E-09	1.56E-09	5.18E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
2269	625066.27	4264961.57	7.88E-09	2.71E-09	1.06E-08	6.59E-09	2.03E-09	8.62E-09	1.56E-09	5.19E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
2270	625075.36	4264965.49	7.90E-09	2.72E-09	1.06E-08	6.60E-09	2.03E-09	8.64E-09	1.56E-09	5.21E-10	2.08E-09	1.22E-09	2.51E-10	1.47E-09
2271	625084.44	4264969.41	7.91E-09	2.72E-09	1.06E-08	6.61E-09	2.04E-09	8.65E-09	1.57E-09	5.21E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
2272	625093.52	4264973.32	7.92E-09	2.72E-09	1.06E-08	6.62E-09	2.04E-09	8.66E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
2273	625102.6	4264977.24	7.92E-09	2.72E-09	1.06E-08	6.62E-09	2.04E-09	8.66E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09

2274	625111.69	4264981.16	7.91E-09	2.72E-09	1.06E-08	6.61E-09	2.04E-09	8.65E-09	1.57E-09	5.21E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
2275	625120.77	4264985.07	7.90E-09	2.72E-09	1.06E-08	6.60E-09	2.03E-09	8.64E-09	1.56E-09	5.20E-10	2.08E-09	1.22E-09	2.51E-10	1.47E-09
2276	625129.85	4264988.99	7.88E-09	2.71E-09	1.06E-08	6.59E-09	2.03E-09	8.61E-09	1.56E-09	5.19E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
2277	625138.93	4264992.91	7.85E-09	2.70E-09	1.06E-08	6.56E-09	2.02E-09	8.59E-09	1.55E-09	5.17E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
2278	625148.02	4264996.83	7.82E-09	2.69E-09	1.05E-08	6.54E-09	2.01E-09	8.55E-09	1.55E-09	5.15E-10	2.06E-09	1.21E-09	2.48E-10	1.46E-09
2279	625157.1	4265000.74	7.79E-09	2.68E-09	1.05E-08	6.51E-09	2.00E-09	8.51E-09	1.54E-09	5.13E-10	2.05E-09	1.20E-09	2.47E-10	1.45E-09
2280	625166.18	4265004.66	7.75E-09	2.66E-09	1.04E-08	6.47E-09	1.99E-09	8.47E-09	1.53E-09	5.10E-10	2.04E-09	1.20E-09	2.46E-10	1.44E-09
2281	625175.26	4265008.58	7.70E-09	2.65E-09	1.03E-08	6.43E-09	1.98E-09	8.42E-09	1.52E-09	5.07E-10	2.03E-09	1.19E-09	2.44E-10	1.43E-09
2282	625184.34	4265012.5	7.65E-09	2.63E-09	1.03E-08	6.39E-09	1.97E-09	8.36E-09	1.51E-09	5.04E-10	2.02E-09	1.18E-09	2.43E-10	1.42E-09
2283	625193.43	4265016.41	7.59E-09	2.61E-09	1.02E-08	6.34E-09	1.95E-09	8.30E-09	1.50E-09	5.00E-10	2.00E-09	1.17E-09	2.41E-10	1.41E-09
2284	625202.51	4265020.33	7.53E-09	2.59E-09	1.01E-08	6.29E-09	1.94E-09	8.23E-09	1.49E-09	4.96E-10	1.99E-09	1.16E-09	2.39E-10	1.40E-09
2285	625211.59	4265024.25	7.46E-09	2.57E-09	1.00E-08	6.24E-09	1.92E-09	8.16E-09	1.48E-09	4.92E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
2286	625220.67	4265028.17	7.39E-09	2.54E-09	9.93E-09	6.18E-09	1.90E-09	8.08E-09	1.46E-09	4.87E-10	1.95E-09	1.14E-09	2.35E-10	1.37E-09
2287	625229.76	4265032.08	7.32E-09	2.52E-09	9.83E-09	6.12E-09	1.88E-09	8.00E-09	1.45E-09	4.82E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
2288	625238.84	4265036	7.24E-09	2.49E-09	9.73E-09	6.05E-09	1.86E-09	7.92E-09	1.43E-09	4.77E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
2289	625247.92	4265039.92	7.16E-09	2.46E-09	9.62E-09	5.99E-09	1.84E-09	7.83E-09	1.42E-09	4.72E-10	1.89E-09	1.10E-09	2.27E-10	1.33E-09
2290	625257	4265043.84	7.08E-09	2.43E-09	9.51E-09	5.92E-09	1.82E-09	7.74E-09	1.40E-09	4.66E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
2291	625266.09	4265047.75	6.99E-09	2.41E-09	9.40E-09	5.85E-09	1.80E-09	7.65E-09	1.38E-09	4.61E-10	1.85E-09	1.08E-09	2.22E-10	1.30E-09
2292	625275.17	4265051.67	6.91E-09	2.38E-09	9.28E-09	5.77E-09	1.78E-09	7.55E-09	1.37E-09	4.55E-10	1.82E-09	1.07E-09	2.19E-10	1.29E-09
2293	625284.25	4265055.59	6.82E-09	2.35E-09	9.16E-09	5.70E-09	1.76E-09	7.46E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
2294	625293.33	4265059.51	6.73E-09	2.31E-09	9.05E-09	5.63E-09	1.73E-09	7.36E-09	1.33E-09	4.43E-10	1.78E-09	1.04E-09	2.14E-10	1.25E-09
2295	625302.42	4265063.42	6.64E-09	2.28E-09	8.93E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.38E-10	1.75E-09	1.02E-09	2.11E-10	1.24E-09
2296	625311.5	4265067.34	6.55E-09	2.25E-09	8.81E-09	5.48E-09	1.69E-09	7.16E-09	1.30E-09	4.32E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
2297	625320.58	4265071.26	6.46E-09	2.22E-09	8.68E-09	5.40E-09	1.66E-09	7.07E-09	1.28E-09	4.26E-10	1.70E-09	9.97E-10	2.05E-10	1.20E-09
2298	625329.66	4265075.18	6.37E-09	2.19E-09	8.56E-09	5.33E-09	1.64E-09	6.97E-09	1.26E-09	4.20E-10	1.68E-09	9.83E-10	2.02E-10	1.19E-09
2299	625338.74	4265079.09	6.28E-09	2.16E-09	8.45E-09	5.25E-09	1.62E-09	6.87E-09	1.24E-09	4.14E-10	1.66E-09	9.70E-10	1.99E-10	1.17E-09
2300	625347.83	4265083.01	6.20E-09	2.13E-09	8.33E-09	5.18E-09	1.60E-09	6.77E-09	1.23E-09	4.08E-10	1.63E-09	9.56E-10	1.97E-10	1.15E-09
2301	625356.91	4265086.93	6.11E-09	2.10E-09	8.21E-09	5.10E-09	1.57E-09	6.68E-09	1.21E-09	4.02E-10	1.61E-09	9.42E-10	1.94E-10	1.14E-09
2302	625365.99	4265090.85	6.02E-09	2.07E-09	8.09E-09	5.03E-09	1.55E-09	6.58E-09	1.19E-09	3.97E-10	1.59E-09	9.29E-10	1.91E-10	1.12E-09
2303	625375.07	4265094.76	5.93E-09	2.04E-09	7.97E-09	4.96E-09	1.53E-09	6.48E-09	1.17E-09	3.91E-10	1.56E-09	9.15E-10	1.88E-10	1.10E-09
2304	625384.16	4265098.68	5.85E-09	2.01E-09	7.86E-09	4.89E-09	1.51E-09	6.39E-09	1.16E-09	3.85E-10	1.54E-09	9.02E-10	1.86E-10	1.09E-09
2305	625393.24	4265102.6	5.77E-09	1.98E-09	7.75E-09	4.82E-09	1.49E-09	6.31E-09	1.14E-09	3.80E-10	1.52E-09	8.90E-10	1.83E-10	1.07E-09
2306	625402.32	4265106.52	5.69E-09	1.96E-09	7.65E-09	4.76E-09	1.47E-09	6.22E-09	1.13E-09	3.75E-10	1.50E-09	8.78E-10	1.81E-10	1.06E-09
2307	625411.4	4265110.43	5.61E-09	1.93E-09	7.54E-09	4.69E-09	1.45E-09	6.14E-09	1.11E-09	3.70E-10	1.48E-09	8.66E-10	1.78E-10	1.04E-09
2308	625420.49	4265114.35	5.54E-09	1.91E-09	7.45E-09	4.63E-09	1.43E-09	6.06E-09	1.10E-09	3.65E-10	1.46E-09	8.55E-10	1.76E-10	1.03E-09
2309	625433.21	4265127.46	5.46E-09	1.88E-09	7.34E-09	4.56E-09	1.41E-09	5.97E-09	1.08E-09	3.60E-10	1.44E-09	8.43E-10	1.73E-10	1.02E-09
2310	625436.85	4265136.66	5.45E-09	1.87E-09	7.33E-09	4.56E-09	1.40E-09	5.96E-09	1.08E-09	3.59E-10	1.44E-09	8.41E-10	1.73E-10	1.01E-09
2311	625440.49	4265145.86	5.44E-09	1.87E-09	7.32E-09	4.55E-09	1.40E-09	5.95E-09	1.08E-09	3.59E-10	1.44E-09	8.40E-10	1.73E-10	1.01E-09
2312	625444.13	4265155.06	5.44E-09	1.87E-09	7.31E-09	4.54E-09	1.40E-09	5.94E-09	1.08E-09	3.58E-10	1.43E-09	8.39E-10	1.73E-10	1.01E-09
2313	625447.77	4265164.25	5.43E-09	1.87E-09	7.30E-09	4.54E-09	1.40E-09	5.94E-09	1.08E-09	3.58E-10	1.43E-09	8.38E-10	1.72E-10	1.01E-09
2314	625451.41	4265173.45	5.43E-09	1.87E-09	7.29E-09	4.54E-09	1.40E-09	5.93E-09	1.07E-09	3.58E-10	1.43E-09	8.37E-10	1.72E-10	1.01E-09
2315	625455.05	4265182.65	5.42E-09	1.86E-09	7.28E-09	4.53E-09	1.40E-09	5.93E-09	1.07E-09	3.57E-10	1.43E-09	8.36E-10	1.72E-10	1.01E-09
2316	625458.69	4265191.84	5.41E-09	1.86E-09	7.27E-09	4.52E-09	1.39E-09	5.92E-09	1.07E-09	3.57E-10	1.43E-09	8.35E-10	1.72E-10	1.01E-09
2317	625462.33	4265201.04	5.41E-09	1.86E-09	7.26E-09	4.52E-09	1.39E-09	5.91E-09	1.07E-09	3.56E-10	1.43E-09	8.34E-10	1.72E-10	1.01E-09
2318	625465.97	4265210.24	5.40E-09	1.86E-09	7.25E-09	4.51E-09	1.39E-09	5.90E-09	1.07E-09	3.56E-10	1.42E-09	8.33E-10	1.71E-10	1.00E-09
2319	625469.61	4265219.43	5.39E-09	1.85E-09	7.24E-09	4.50E-09	1.39E-09	5.89E-09	1.07E-09	3.55E-10	1.42E-09	8.32E-10	1.71E-10	1.00E-09
2320	625473.25	4265228.63	5.38E-09	1.85E-09	7.23E-09	4.50E-09	1.39E-09	5.88E-09	1.06E-09	3.54E-10	1.42E-09	8.30E-10	1.71E-10	1.00E-09
2321	625476.89	4265237.83	5.37E-09	1.85E-09	7.22E-09	4.49E-09	1.38E-09	5.87E-09	1.06E-09	3.54E-10	1.42E-09	8.29E-10	1.70E-10	9.99E-10
2322	625480.53	4265247.02	5.36E-09	1.84E-09	7.20E-09	4.48E-09	1.38E-09	5.86E-09	1.06E-09	3.53E-10	1.41E-09	8.27E-10	1.70E-10	9.97E-10
2323	625484.17	4265256.22	5.35E-09	1.84E-09	7.19E-09	4.47E-09	1.38E-09	5.85E-09	1.06E-09	3.52E-10	1.41E-09	8.25E-10	1.70E-10	9.95E-10
2324	625487.81	4265265.42	5.34E-09	1.84E-09	7.17E-09	4.46E-09	1.37E-09	5.83E-09	1.06E-09	3.52E-10	1.41E-09	8.23E-10	1.69E-10	9.93E-10
2325	625491.45	4265274.62	5.32E-09	1.83E-09	7.15E-09	4.45E-09	1.37E-09	5.82E-09	1.05E-09	3.51E-10	1.40E-09	8.21E-10	1.69E-10	9.90E-10
2326	625495.09	4265283.81	5.31E-09	1.83E-09	7.14E-09	4.44E-09	1.37E-09	5.81E-09	1.05E-09	3.50E-10	1.40E-09	8.19E-10	1.69E-10	9.88E-10
2327	625498.73	4265293.01	5.30E-09	1.82E-09	7.12E-09	4.43E-09	1.36E-09	5.79E-09	1.05E-09	3.49E-10	1.40E-09	8.17E-10	1.68E-10	9.85E-10
2328	625502.37	4265302.21	5.28E-09	1.82E-09	7.10E-09	4.41E-09	1.36E-09	5.77E-09	1.05E-09	3.48E-10	1.39E-09	8.15E-10	1.68E-10	9.82E-10
2329	625506.01	4265311.4	5.26E-09	1.81E-09	7.07E-09	4.40E-09	1.36E-09	5.76E-09	1.04E-09	3.47E-10	1.39E-09	8.12E-10	1.67E-10	9.79E-10
2330	625509.65	4265320.6	5.25E-09	1.80E-09	7.05E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.38E-09	8.10E-10	1.67E-10	9.76E-10
2331	625513.29	4265329.8	5.23E-09	1.80E-09	7.03E-09	4.37E-09	1.35E-09	5.72E-09	1.04E-09	3.45E-10	1.38E-09	8.07E-10	1.66E-10	9.73E-10
2332	625516.93	4265338.99	5.21E-09	1.79E-09	7.00E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.43E-10	1.37E-09	8.04E-10	1.65E-10	9.69E-10
2333	625520.57	4265348.19	5.19E-09	1.78E-09	6.98E-09	4.34E-09	1.34E-09	5.67E-09	1.03E-09	3.42E-10	1.37E-09	8.01E-10	1.65E-10	9.66E-10
2334	625524.21	4265357.39	5.17E-09	1.78E-09	6.95E-09	4.32E-09	1.33E-09	5.65E-09	1.02E-09	3.41E-10	1.36E-09	7.98E-10	1.64E-10	9.62E-10
2335	625527.85	4265366.59	5.15E-09	1.77E-09	6.92E-09	4.30E-09	1.33E-09	5.63E-09	1.02E-09	3.39E-10	1.36E-09	7.94E-10	1.63E-10	9.58E-10
2336	625531.49	4265375.78	5.12E-09	1.76E-09	6.89E-09	4.28E-09	1.32E-09	5.60E-09	1.01E-09	3.38E-10	1.35E-09	7.91E-10	1.63E-10	9.53E-10
2337	625535.13	4265384.98	5.10E-09	1.75E-09	6.85E-09	4.26E-09	1.31E-09	5.58E-09	1.01E-09	3.36E-10	1.35E-09	7.87E-10	1.62E-10	9.49E-10
2338	625538.77	4265394.18	5.08E-09	1.75E-09	6.82E-09	4.24E-09	1.31E-09	5.55E-09	1.00E-09	3.34E-10	1.34E-09	7.83E-10	1.61E-10	9.44E-10
2339	625542.41	4265403.37	5.05E-09	1.74E-09	6.79E-09	4.22E-09	1.30E-09	5.52E-09	1.00E-09	3.33E-10	1.33E-09	7.79E-10	1.60E-10	9.39E-10
2340	625546.06	4265412.57	5.02E-09	1.73E-09	6.75E-09	4.20E-09	1.29E-09	5.49E-09	9.94E-10	3.31E-10	1.33E-09	7.75E-10	1.59E-10	9.35E-10
2341	625549.7	4265421.77	5.00E-09	1.72E-09	6.71E-09	4.18E-09	1.29E-09	5.46E-09	9.89E-10	3.29E-10	1.32E-09	7.71E-10	1.59E-10	9.29E-10
2342	625553.34	4265430.96	4.97E-09	1.71E-09	6.67E-09	4.15E-09	1.28E-09	5.43E-09	9.83E-10	3.27E-10	1.31E-09	7.66E-10	1.58E-10	9.24E-10

2343	625556.98	4265440.16	4.94E-09	1.70E-09	6.63E-09	4.13E-09	1.27E-09	5.40E-09	9.77E-10	3.25E-10	1.30E-09	7.62E-10	1.57E-10	9.18E-10
2344	625560.62	4265449.36	4.90E-09	1.69E-09	6.59E-09	4.10E-09	1.26E-09	5.36E-09	9.70E-10	3.23E-10	1.29E-09	7.56E-10	1.56E-10	9.12E-10
2345	625564.26	4265458.56	4.87E-09	1.67E-09	6.54E-09	4.07E-09	1.25E-09	5.32E-09	9.63E-10	3.21E-10	1.28E-09	7.51E-10	1.54E-10	9.06E-10
2346	625567.9	4265467.75	4.83E-09	1.66E-09	6.49E-09	4.04E-09	1.24E-09	5.28E-09	9.56E-10	3.18E-10	1.27E-09	7.46E-10	1.53E-10	8.99E-10
2347	625571.54	4265476.95	4.80E-09	1.65E-09	6.45E-09	4.01E-09	1.24E-09	5.25E-09	9.50E-10	3.16E-10	1.27E-09	7.40E-10	1.52E-10	8.93E-10
2348	625575.18	4265486.15	4.77E-09	1.64E-09	6.41E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.87E-10
2349	625578.82	4265495.34	4.73E-09	1.63E-09	6.36E-09	3.96E-09	1.22E-09	5.18E-09	9.37E-10	3.12E-10	1.25E-09	7.30E-10	1.50E-10	8.81E-10
2350	625582.46	4265504.54	4.70E-09	1.62E-09	6.32E-09	3.93E-09	1.21E-09	5.14E-09	9.30E-10	3.10E-10	1.24E-09	7.25E-10	1.49E-10	8.74E-10
2351	625586.1	4265513.74	4.66E-09	1.60E-09	6.26E-09	3.90E-09	1.20E-09	5.10E-09	9.23E-10	3.07E-10	1.23E-09	7.19E-10	1.48E-10	8.67E-10
2352	625589.74	4265522.93	4.62E-09	1.59E-09	6.21E-09	3.86E-09	1.19E-09	5.05E-09	9.15E-10	3.04E-10	1.22E-09	7.13E-10	1.47E-10	8.60E-10
2353	625593.38	4265532.13	4.58E-09	1.57E-09	6.15E-09	3.83E-09	1.18E-09	5.01E-09	9.06E-10	3.02E-10	1.21E-09	7.07E-10	1.45E-10	8.52E-10
2354	625597.02	4265541.33	4.54E-09	1.56E-09	6.10E-09	3.79E-09	1.17E-09	4.96E-09	8.98E-10	2.99E-10	1.20E-09	7.00E-10	1.44E-10	8.44E-10
2355	625600.66	4265550.52	4.50E-09	1.55E-09	6.04E-09	3.76E-09	1.16E-09	4.92E-09	8.90E-10	2.96E-10	1.19E-09	6.94E-10	1.43E-10	8.37E-10
2356	625604.3	4265559.72	4.46E-09	1.53E-09	5.99E-09	3.73E-09	1.15E-09	4.87E-09	8.82E-10	2.94E-10	1.18E-09	6.88E-10	1.41E-10	8.29E-10
2357	625607.94	4265568.92	4.42E-09	1.52E-09	5.94E-09	3.69E-09	1.14E-09	4.83E-09	8.75E-10	2.91E-10	1.17E-09	6.82E-10	1.40E-10	8.22E-10
2358	625611.58	4265578.12	4.38E-09	1.51E-09	5.89E-09	3.66E-09	1.13E-09	4.79E-09	8.67E-10	2.89E-10	1.16E-09	6.76E-10	1.39E-10	8.15E-10
2359	625615.22	4265587.31	4.34E-09	1.49E-09	5.83E-09	3.63E-09	1.12E-09	4.74E-09	8.59E-10	2.86E-10	1.14E-09	6.70E-10	1.38E-10	8.07E-10
2360	625618.86	4265596.51	4.30E-09	1.48E-09	5.78E-09	3.59E-09	1.11E-09	4.70E-09	8.51E-10	2.83E-10	1.13E-09	6.63E-10	1.36E-10	8.00E-10
2361	625622.5	4265605.71	4.26E-09	1.46E-09	5.72E-09	3.56E-09	1.10E-09	4.65E-09	8.42E-10	2.80E-10	1.12E-09	6.57E-10	1.35E-10	7.92E-10
2362	625626.14	4265614.9	4.21E-09	1.45E-09	5.66E-09	3.52E-09	1.08E-09	4.60E-09	8.34E-10	2.77E-10	1.11E-09	6.50E-10	1.34E-10	7.84E-10
2363	625629.78	4265624.1	4.17E-09	1.43E-09	5.60E-09	3.48E-09	1.07E-09	4.56E-09	8.25E-10	2.75E-10	1.10E-09	6.43E-10	1.32E-10	7.75E-10
2364	625633.42	4265633.3	4.12E-09	1.42E-09	5.54E-09	3.45E-09	1.06E-09	4.51E-09	8.16E-10	2.72E-10	1.09E-09	6.36E-10	1.31E-10	7.67E-10
2365	625637.06	4265642.49	4.08E-09	1.40E-09	5.48E-09	3.41E-09	1.05E-09	4.46E-09	8.07E-10	2.69E-10	1.08E-09	6.29E-10	1.29E-10	7.58E-10
2366	625640.7	4265651.69	4.03E-09	1.39E-09	5.42E-09	3.37E-09	1.04E-09	4.41E-09	7.98E-10	2.65E-10	1.06E-09	6.22E-10	1.28E-10	7.50E-10
2367	625644.34	4265660.89	3.98E-09	1.37E-09	5.35E-09	3.33E-09	1.03E-09	4.35E-09	7.88E-10	2.62E-10	1.05E-09	6.15E-10	1.26E-10	7.41E-10
2368	625647.98	4265670.09	3.94E-09	1.35E-09	5.29E-09	3.29E-09	1.01E-09	4.30E-09	7.79E-10	2.59E-10	1.04E-09	6.08E-10	1.25E-10	7.33E-10
2369	625651.62	4265679.28	3.89E-09	1.34E-09	5.23E-09	3.25E-09	1.00E-09	4.25E-09	7.70E-10	2.56E-10	1.03E-09	6.00E-10	1.23E-10	7.24E-10
2370	624866.46	4264875.39	6.58E-09	2.26E-09	8.85E-09	5.50E-09	1.70E-09	7.20E-09	1.30E-09	4.34E-10	1.74E-09	1.02E-09	2.09E-10	1.23E-09
2371	624856.55	4264875.25	6.56E-09	2.25E-09	8.81E-09	5.48E-09	1.69E-09	7.17E-09	1.30E-09	4.32E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
2372	624846.64	4264875.11	6.53E-09	2.24E-09	8.77E-09	5.46E-09	1.68E-09	7.14E-09	1.29E-09	4.30E-10	1.72E-09	1.01E-09	2.07E-10	1.21E-09
2373	624836.74	4264874.97	6.50E-09	2.23E-09	8.73E-09	5.43E-09	1.67E-09	7.10E-09	1.29E-09	4.28E-10	1.71E-09	1.00E-09	2.06E-10	1.21E-09
2374	624826.83	4264874.84	6.47E-09	2.22E-09	8.69E-09	5.41E-09	1.67E-09	7.07E-09	1.28E-09	4.26E-10	1.71E-09	9.98E-10	2.05E-10	1.20E-09
2375	624816.92	4264874.7	6.44E-09	2.21E-09	8.65E-09	5.38E-09	1.66E-09	7.04E-09	1.27E-09	4.24E-10	1.70E-09	9.93E-10	2.04E-10	1.20E-09
2376	624807.01	4264874.56	6.40E-09	2.20E-09	8.60E-09	5.35E-09	1.65E-09	7.00E-09	1.27E-09	4.22E-10	1.69E-09	9.88E-10	2.03E-10	1.19E-09
2377	624797.1	4264874.43	6.37E-09	2.19E-09	8.56E-09	5.33E-09	1.64E-09	6.97E-09	1.26E-09	4.20E-10	1.68E-09	9.83E-10	2.02E-10	1.19E-09
2378	624787.19	4264874.29	6.34E-09	2.18E-09	8.52E-09	5.30E-09	1.63E-09	6.93E-09	1.26E-09	4.18E-10	1.67E-09	9.78E-10	2.01E-10	1.18E-09
2379	624777.28	4264874.15	6.31E-09	2.17E-09	8.48E-09	5.27E-09	1.62E-09	6.90E-09	1.25E-09	4.16E-10	1.66E-09	9.74E-10	2.00E-10	1.17E-09
2380	624767.37	4264874.01	6.28E-09	2.16E-09	8.43E-09	5.25E-09	1.62E-09	6.86E-09	1.24E-09	4.14E-10	1.66E-09	9.68E-10	1.99E-10	1.17E-09
2381	624757.47	4264873.88	6.24E-09	2.15E-09	8.39E-09	5.22E-09	1.61E-09	6.82E-09	1.24E-09	4.11E-10	1.65E-09	9.63E-10	1.98E-10	1.16E-09
2382	624747.56	4264873.74	6.21E-09	2.13E-09	8.34E-09	5.19E-09	1.60E-09	6.78E-09	1.23E-09	4.09E-10	1.64E-09	9.58E-10	1.97E-10	1.15E-09
2383	624737.65	4264873.6	6.17E-09	2.12E-09	8.29E-09	5.16E-09	1.59E-09	6.75E-09	1.22E-09	4.07E-10	1.63E-09	9.52E-10	1.96E-10	1.15E-09
2384	624727.74	4264873.46	6.13E-09	2.11E-09	8.24E-09	5.13E-09	1.58E-09	6.71E-09	1.21E-09	4.04E-10	1.62E-09	9.47E-10	1.95E-10	1.14E-09
2385	624717.83	4264873.33	6.10E-09	2.10E-09	8.19E-09	5.10E-09	1.57E-09	6.67E-09	1.21E-09	4.02E-10	1.61E-09	9.41E-10	1.94E-10	1.13E-09
2386	624707.92	4264873.19	6.06E-09	2.08E-09	8.14E-09	5.06E-09	1.56E-09	6.63E-09	1.20E-09	3.99E-10	1.60E-09	9.35E-10	1.92E-10	1.13E-09
2387	624698.01	4264873.05	6.02E-09	2.07E-09	8.09E-09	5.03E-09	1.55E-09	6.58E-09	1.19E-09	3.97E-10	1.59E-09	9.29E-10	1.91E-10	1.12E-09
2388	624688.1	4264872.91	5.98E-09	2.06E-09	8.04E-09	5.00E-09	1.54E-09	6.54E-09	1.18E-09	3.94E-10	1.58E-09	9.23E-10	1.90E-10	1.11E-09
2389	624678.19	4264872.78	5.94E-09	2.04E-09	7.98E-09	4.96E-09	1.53E-09	6.49E-09	1.18E-09	3.91E-10	1.57E-09	9.16E-10	1.88E-10	1.10E-09
2390	624668.29	4264872.64	5.89E-09	2.03E-09	7.92E-09	4.93E-09	1.52E-09	6.44E-09	1.17E-09	3.88E-10	1.55E-09	9.09E-10	1.87E-10	1.10E-09
2391	624658.38	4264872.5	5.85E-09	2.01E-09	7.86E-09	4.89E-09	1.51E-09	6.39E-09	1.16E-09	3.85E-10	1.54E-09	9.02E-10	1.86E-10	1.09E-09
2392	624648.47	4264872.36	5.80E-09	2.00E-09	7.80E-09	4.85E-09	1.49E-09	6.34E-09	1.15E-09	3.82E-10	1.53E-09	8.95E-10	1.84E-10	1.08E-09
2393	624638.56	4264872.23	5.75E-09	1.98E-09	7.73E-09	4.81E-09	1.48E-09	6.29E-09	1.14E-09	3.79E-10	1.52E-09	8.88E-10	1.83E-10	1.07E-09
2394	624628.65	4264872.09	5.71E-09	1.96E-09	7.67E-09	4.77E-09	1.47E-09	6.24E-09	1.13E-09	3.76E-10	1.51E-09	8.81E-10	1.81E-10	1.06E-09
2395	624618.74	4264871.95	5.66E-09	1.95E-09	7.60E-09	4.73E-09	1.46E-09	6.19E-09	1.12E-09	3.73E-10	1.49E-09	8.73E-10	1.80E-10	1.05E-09
2396	624608.83	4264871.81	5.61E-09	1.93E-09	7.54E-09	4.69E-09	1.44E-09	6.13E-09	1.11E-09	3.70E-10	1.48E-09	8.65E-10	1.78E-10	1.04E-09
2397	624598.92	4264871.68	5.56E-09	1.91E-09	7.47E-09	4.65E-09	1.43E-09	6.08E-09	1.10E-09	3.66E-10	1.47E-09	8.58E-10	1.76E-10	1.03E-09
2398	624589.02	4264871.54	5.51E-09	1.89E-09	7.40E-09	4.60E-09	1.42E-09	6.02E-09	1.09E-09	3.63E-10	1.45E-09	8.50E-10	1.75E-10	1.02E-09
2399	624579.11	4264871.4	5.46E-09	1.88E-09	7.33E-09	4.56E-09	1.40E-09	5.96E-09	1.08E-09	3.59E-10	1.44E-09	8.42E-10	1.73E-10	1.01E-09
2400	624569.2	4264871.26	5.40E-09	1.86E-09	7.26E-09	4.52E-09	1.39E-09	5.91E-09	1.07E-09	3.56E-10	1.43E-09	8.34E-10	1.71E-10	1.01E-09
2401	624559.29	4264871.13	5.35E-09	1.84E-09	7.19E-09	4.47E-09	1.38E-09	5.85E-09	1.06E-09	3.53E-10	1.41E-09	8.26E-10	1.70E-10	9.96E-10
2402	624549.38	4264870.99	5.30E-09	1.82E-09	7.13E-09	4.43E-09	1.37E-09	5.80E-09	1.05E-09	3.50E-10	1.40E-09	8.19E-10	1.68E-10	9.87E-10
2403	624539.47	4264870.85	5.26E-09	1.81E-09	7.06E-09	4.39E-09	1.35E-09	5.75E-09	1.04E-09	3.46E-10	1.39E-09	8.11E-10	1.67E-10	9.78E-10
2404	624529.56	4264870.72	5.21E-09	1.79E-09	7.00E-09	4.35E-09	1.34E-09	5.70E-09	1.03E-09	3.43E-10	1.37E-09	8.04E-10	1.65E-10	9.69E-10
2405	624519.65	4264870.58	5.16E-09	1.78E-09	6.94E-09	4.32E-09	1.33E-09	5.65E-09	1.02E-09	3.40E-10	1.36E-09	7.97E-10	1.64E-10	9.61E-10
2406	624509.75	4264870.44	5.12E-09	1.76E-09	6.88E-09	4.28E-09	1.32E-09	5.59E-09	1.01E-09	3.37E-10	1.35E-09	7.90E-10	1.62E-10	9.52E-10
2407	624499.84	4264870.3	5.07E-09	1.74E-09	6.82E-09	4.24E-09	1.31E-09	5.55E-09	1.00E-09	3.34E-10	1.34E-09	7.83E-10	1.61E-10	9.44E-10
2408	624489.93	4264870.17	5.03E-09	1.73E-09	6.76E-09	4.20E-09	1.29E-09	5.50E-09	9.95E-10	3.31E-10	1.33E-09	7.76E-10	1.60E-10	9.35E-10
2409	624480.02	4264870.03	4.98E-09	1.71E-09	6.70E-09	4.16E-09	1.28E-09	5.45E-09	9.86E-10	3.28E-10	1.31E-09	7.69E-10	1.58E-10	9.27E-10
2410	624470.11	4264869.89	4.94E-09	1.70E-09	6.64E-09	4.13E-09	1.27E-09	5.40E-09	9.77E-10	3.25E-10	1.30E-09	7.62E-10	1.57E-10	9.19E-10
2411	624460.2	4264869.75	4.89E-09	1.68E-09	6.58E-09	4.09E-09	1.26E-09	5.35E-09	9.69E-10	3.22E-10	1.29E-09	7.55E-10	1.55E-10	9.11E-10

2412	624450.29	4264869.62	4.85E-09	1.67E-09	6.52E-09	4.05E-09	1.25E-09	5.30E-09	9.60E-10	3.20E-10	1.28E-09	7.48E-10	1.54E-10	9.02E-10
2413	624440.38	4264869.48	4.81E-09	1.65E-09	6.46E-09	4.02E-09	1.24E-09	5.26E-09	9.51E-10	3.17E-10	1.27E-09	7.42E-10	1.53E-10	8.94E-10
2414	624430.47	4264869.34	4.76E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.86E-10
2415	624420.57	4264869.2	4.72E-09	1.62E-09	6.34E-09	3.94E-09	1.21E-09	5.16E-09	9.34E-10	3.11E-10	1.24E-09	7.28E-10	1.50E-10	8.78E-10
2416	624410.66	4264869.07	4.67E-09	1.61E-09	6.28E-09	3.91E-09	1.20E-09	5.11E-09	9.25E-10	3.08E-10	1.23E-09	7.21E-10	1.48E-10	8.70E-10
2417	624400.75	4264868.93	4.63E-09	1.59E-09	6.22E-09	3.87E-09	1.19E-09	5.06E-09	9.17E-10	3.05E-10	1.22E-09	7.15E-10	1.47E-10	8.62E-10
2418	624390.84	4264868.79	4.59E-09	1.58E-09	6.16E-09	3.83E-09	1.18E-09	5.01E-09	9.08E-10	3.02E-10	1.21E-09	7.08E-10	1.46E-10	8.53E-10
2419	624380.93	4264868.65	4.54E-09	1.56E-09	6.10E-09	3.80E-09	1.17E-09	4.97E-09	8.99E-10	2.99E-10	1.20E-09	7.01E-10	1.44E-10	8.45E-10
2420	624371.02	4264868.52	4.50E-09	1.55E-09	6.05E-09	3.76E-09	1.16E-09	4.92E-09	8.91E-10	2.96E-10	1.19E-09	6.94E-10	1.43E-10	8.37E-10
2421	624876.9	4264779.3	5.58E-09	1.92E-09	7.50E-09	4.67E-09	1.44E-09	6.10E-09	1.11E-09	3.68E-10	1.47E-09	8.62E-10	1.77E-10	1.04E-09
2422	624885.95	4264783.2	5.64E-09	1.94E-09	7.58E-09	4.71E-09	1.45E-09	6.17E-09	1.12E-09	3.72E-10	1.49E-09	8.70E-10	1.79E-10	1.05E-09
2423	624895	4264787.11	5.70E-09	1.96E-09	7.66E-09	4.76E-09	1.47E-09	6.23E-09	1.13E-09	3.75E-10	1.50E-09	8.79E-10	1.81E-10	1.06E-09
2424	624904.05	4264791.01	5.76E-09	1.98E-09	7.74E-09	4.81E-09	1.48E-09	6.30E-09	1.14E-09	3.79E-10	1.52E-09	8.89E-10	1.83E-10	1.07E-09
2425	624913.1	4264794.91	5.82E-09	2.00E-09	7.82E-09	4.86E-09	1.50E-09	6.36E-09	1.15E-09	3.83E-10	1.54E-09	8.98E-10	1.85E-10	1.08E-09
2426	624922.15	4264798.82	5.88E-09	2.02E-09	7.90E-09	4.91E-09	1.51E-09	6.43E-09	1.16E-09	3.87E-10	1.55E-09	9.07E-10	1.87E-10	1.09E-09
2427	624931.2	4264802.72	5.94E-09	2.04E-09	7.98E-09	4.97E-09	1.53E-09	6.49E-09	1.18E-09	3.91E-10	1.57E-09	9.17E-10	1.89E-10	1.11E-09
2428	624940.25	4264806.62	6.00E-09	2.06E-09	8.06E-09	5.02E-09	1.54E-09	6.56E-09	1.19E-09	3.95E-10	1.58E-09	9.26E-10	1.90E-10	1.12E-09
2429	624949.3	4264810.53	6.06E-09	2.08E-09	8.15E-09	5.07E-09	1.56E-09	6.63E-09	1.20E-09	3.99E-10	1.60E-09	9.35E-10	1.92E-10	1.13E-09
2430	624958.35	4264814.43	6.12E-09	2.11E-09	8.23E-09	5.12E-09	1.58E-09	6.69E-09	1.21E-09	4.03E-10	1.62E-09	9.45E-10	1.94E-10	1.14E-09
2431	624967.4	4264818.33	6.18E-09	2.13E-09	8.31E-09	5.17E-09	1.59E-09	6.76E-09	1.22E-09	4.07E-10	1.63E-09	9.54E-10	1.96E-10	1.15E-09
2432	624976.45	4264822.24	6.24E-09	2.15E-09	8.39E-09	5.22E-09	1.61E-09	6.82E-09	1.24E-09	4.11E-10	1.65E-09	9.63E-10	1.98E-10	1.16E-09
2433	624985.5	4264826.14	6.30E-09	2.17E-09	8.47E-09	5.27E-09	1.62E-09	6.89E-09	1.25E-09	4.15E-10	1.66E-09	9.72E-10	2.00E-10	1.17E-09
2434	624994.55	4264830.04	6.36E-09	2.19E-09	8.55E-09	5.32E-09	1.64E-09	6.95E-09	1.26E-09	4.19E-10	1.68E-09	9.81E-10	2.02E-10	1.18E-09
2435	625003.6	4264833.95	6.42E-09	2.21E-09	8.62E-09	5.36E-09	1.65E-09	7.02E-09	1.27E-09	4.23E-10	1.69E-09	9.90E-10	2.04E-10	1.19E-09
2436	625012.65	4264837.85	6.47E-09	2.23E-09	8.70E-09	5.41E-09	1.67E-09	7.08E-09	1.28E-09	4.27E-10	1.71E-09	9.99E-10	2.05E-10	1.20E-09
2437	625021.7	4264841.75	6.53E-09	2.24E-09	8.77E-09	5.46E-09	1.68E-09	7.14E-09	1.29E-09	4.30E-10	1.72E-09	1.01E-09	2.07E-10	1.21E-09
2438	625030.75	4264845.66	6.58E-09	2.26E-09	8.84E-09	5.50E-09	1.69E-09	7.19E-09	1.30E-09	4.34E-10	1.74E-09	1.02E-09	2.09E-10	1.22E-09
2439	625039.8	4264849.56	6.63E-09	2.28E-09	8.91E-09	5.54E-09	1.71E-09	7.25E-09	1.31E-09	4.37E-10	1.75E-09	1.02E-09	2.10E-10	1.23E-09
2440	625048.85	4264853.47	6.68E-09	2.30E-09	8.97E-09	5.58E-09	1.72E-09	7.30E-09	1.32E-09	4.40E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
2441	625057.9	4264857.37	6.72E-09	2.31E-09	9.03E-09	5.62E-09	1.73E-09	7.35E-09	1.33E-09	4.43E-10	1.77E-09	1.04E-09	2.13E-10	1.25E-09
2442	625066.95	4264861.27	6.76E-09	2.33E-09	9.09E-09	5.65E-09	1.74E-09	7.40E-09	1.34E-09	4.46E-10	1.78E-09	1.04E-09	2.15E-10	1.26E-09
2443	625076	4264865.18	6.80E-09	2.34E-09	9.14E-09	5.68E-09	1.75E-09	7.44E-09	1.35E-09	4.48E-10	1.79E-09	1.05E-09	2.16E-10	1.27E-09
2444	625085.05	4264869.08	6.83E-09	2.35E-09	9.18E-09	5.71E-09	1.76E-09	7.47E-09	1.35E-09	4.50E-10	1.80E-09	1.05E-09	2.17E-10	1.27E-09
2445	625094.1	4264872.98	6.86E-09	2.36E-09	9.22E-09	5.73E-09	1.77E-09	7.50E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
2446	625103.15	4264876.89	6.88E-09	2.37E-09	9.25E-09	5.75E-09	1.77E-09	7.53E-09	1.36E-09	4.54E-10	1.82E-09	1.06E-09	2.18E-10	1.28E-09
2447	625112.2	4264880.79	6.90E-09	2.37E-09	9.28E-09	5.77E-09	1.78E-09	7.55E-09	1.37E-09	4.55E-10	1.82E-09	1.07E-09	2.19E-10	1.28E-09
2448	625121.25	4264884.69	6.92E-09	2.38E-09	9.29E-09	5.78E-09	1.78E-09	7.56E-09	1.37E-09	4.56E-10	1.82E-09	1.07E-09	2.19E-10	1.29E-09
2449	625130.3	4264888.6	6.92E-09	2.38E-09	9.30E-09	5.79E-09	1.78E-09	7.57E-09	1.37E-09	4.56E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
2450	625139.35	4264892.5	6.93E-09	2.38E-09	9.31E-09	5.79E-09	1.78E-09	7.57E-09	1.37E-09	4.56E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
2451	625148.4	4264896.4	6.92E-09	2.38E-09	9.31E-09	5.79E-09	1.78E-09	7.57E-09	1.37E-09	4.56E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
2452	625157.45	4264900.31	6.92E-09	2.38E-09	9.30E-09	5.78E-09	1.78E-09	7.56E-09	1.37E-09	4.56E-10	1.82E-09	1.07E-09	2.20E-10	1.29E-09
2453	625166.5	4264904.21	6.90E-09	2.37E-09	9.28E-09	5.77E-09	1.78E-09	7.55E-09	1.37E-09	4.55E-10	1.82E-09	1.07E-09	2.19E-10	1.28E-09
2454	625175.55	4264908.11	6.89E-09	2.37E-09	9.26E-09	5.76E-09	1.77E-09	7.53E-09	1.36E-09	4.54E-10	1.82E-09	1.06E-09	2.19E-10	1.28E-09
2455	625184.6	4264912.02	6.87E-09	2.36E-09	9.23E-09	5.74E-09	1.77E-09	7.51E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
2456	625193.65	4264915.92	6.84E-09	2.35E-09	9.19E-09	5.72E-09	1.76E-09	7.48E-09	1.35E-09	4.51E-10	1.80E-09	1.06E-09	2.17E-10	1.27E-09
2457	625202.7	4264919.82	6.81E-09	2.34E-09	9.15E-09	5.69E-09	1.75E-09	7.44E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
2458	625211.75	4264923.73	6.77E-09	2.33E-09	9.10E-09	5.66E-09	1.74E-09	7.40E-09	1.34E-09	4.46E-10	1.79E-09	1.04E-09	2.15E-10	1.26E-09
2459	625220.8	4264927.63	6.73E-09	2.32E-09	9.05E-09	5.63E-09	1.73E-09	7.36E-09	1.33E-09	4.44E-10	1.78E-09	1.04E-09	2.14E-10	1.25E-09
2460	625229.85	4264931.53	6.69E-09	2.30E-09	8.99E-09	5.59E-09	1.72E-09	7.31E-09	1.32E-09	4.41E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
2461	625238.9	4264935.44	6.64E-09	2.28E-09	8.92E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.38E-10	1.75E-09	1.02E-09	2.11E-10	1.24E-09
2462	625247.95	4264939.34	6.59E-09	2.27E-09	8.85E-09	5.51E-09	1.70E-09	7.20E-09	1.30E-09	4.34E-10	1.74E-09	1.02E-09	2.09E-10	1.23E-09
2463	625257	4264943.24	6.53E-09	2.25E-09	8.78E-09	5.46E-09	1.68E-09	7.14E-09	1.29E-09	4.31E-10	1.72E-09	1.01E-09	2.07E-10	1.22E-09
2464	625266.05	4264947.15	6.48E-09	2.23E-09	8.70E-09	5.41E-09	1.67E-09	7.08E-09	1.28E-09	4.27E-10	1.71E-09	9.99E-10	2.06E-10	1.20E-09
2465	625275.09	4264951.05	6.42E-09	2.21E-09	8.62E-09	5.36E-09	1.65E-09	7.01E-09	1.27E-09	4.23E-10	1.69E-09	9.90E-10	2.04E-10	1.19E-09
2466	625284.14	4264954.95	6.35E-09	2.18E-09	8.54E-09	5.31E-09	1.64E-09	6.94E-09	1.26E-09	4.18E-10	1.68E-09	9.80E-10	2.02E-10	1.18E-09
2467	625293.19	4264958.86	6.29E-09	2.16E-09	8.45E-09	5.25E-09	1.62E-09	6.87E-09	1.24E-09	4.14E-10	1.66E-09	9.70E-10	1.99E-10	1.17E-09
2468	625302.24	4264962.76	6.22E-09	2.14E-09	8.36E-09	5.20E-09	1.60E-09	6.80E-09	1.23E-09	4.10E-10	1.64E-09	9.59E-10	1.97E-10	1.16E-09
2469	625311.29	4264966.66	6.15E-09	2.11E-09	8.26E-09	5.14E-09	1.58E-09	6.72E-09	1.22E-09	4.05E-10	1.62E-09	9.49E-10	1.95E-10	1.14E-09
2470	625320.34	4264970.57	6.08E-09	2.09E-09	8.17E-09	5.08E-09	1.56E-09	6.64E-09	1.20E-09	4.00E-10	1.60E-09	9.38E-10	1.93E-10	1.13E-09
2471	625329.39	4264974.47	6.00E-09	2.06E-09	8.07E-09	5.02E-09	1.55E-09	6.56E-09	1.19E-09	3.96E-10	1.58E-09	9.26E-10	1.91E-10	1.12E-09
2472	625338.44	4264978.38	5.93E-09	2.04E-09	7.97E-09	4.96E-09	1.53E-09	6.48E-09	1.17E-09	3.91E-10	1.56E-09	9.15E-10	1.88E-10	1.10E-09
2473	625347.49	4264982.28	5.86E-09	2.01E-09	7.87E-09	4.89E-09	1.51E-09	6.40E-09	1.16E-09	3.86E-10	1.54E-09	9.03E-10	1.86E-10	1.09E-09
2474	625356.54	4264986.18	5.78E-09	1.99E-09	7.77E-09	4.83E-09	1.49E-09	6.32E-09	1.14E-09	3.81E-10	1.52E-09	8.92E-10	1.83E-10	1.08E-09
2475	625365.59	4264990.09	5.70E-09	1.96E-09	7.66E-09	4.77E-09	1.47E-09	6.23E-09	1.13E-09	3.76E-10	1.50E-09	8.80E-10	1.81E-10	1.06E-09
2476	625374.64	4264993.99	5.63E-09	1.93E-09	7.56E-09	4.70E-09	1.45E-09	6.15E-09	1.11E-09	3.71E-10	1.48E-09	8.68E-10	1.79E-10	1.05E-09
2477	625383.69	4264997.89	5.55E-09	1.91E-09	7.46E-09	4.64E-09	1.43E-09	6.07E-09	1.10E-09	3.66E-10	1.46E-09	8.57E-10	1.76E-10	1.03E-09
2478	625392.74	4265001.8	5.48E-09	1.88E-09	7.36E-09	4.58E-09	1.41E-09	5.99E-09	1.08E-09	3.61E-10	1.45E-09	8.45E-10	1.74E-10	1.02E-09
2479	625401.79	4265005.7	5.41E-09	1.86E-09	7.27E-09	4.52E-09	1.39E-09	5.91E-09	1.07E-09	3.56E-10	1.43E-09	8.34E-10	1.72E-10	1.01E-09
2480	625410.84	4265009.6	5.33E-09	1.83E-09	7.17E-09	4.46E-09	1.37E-09	5.83E-09	1.06E-09	3.51E-10	1.41E-09	8.23E-10	1.69E-10	9.92E-10

2481	625419.89	4265013.51	5.26E-09	1.81E-09	7.07E-09	4.40E-09	1.35E-09	5.75E-09	1.04E-09	3.47E-10	1.39E-09	8.12E-10	1.67E-10	9.79E-10
2482	625428.94	4265017.41	5.19E-09	1.78E-09	6.97E-09	4.34E-09	1.34E-09	5.67E-09	1.03E-09	3.42E-10	1.37E-09	8.00E-10	1.65E-10	9.65E-10
2483	625437.99	4265021.31	5.12E-09	1.76E-09	6.88E-09	4.28E-09	1.32E-09	5.60E-09	1.01E-09	3.37E-10	1.35E-09	7.90E-10	1.62E-10	9.52E-10
2484	625447.04	4265025.22	5.05E-09	1.74E-09	6.79E-09	4.22E-09	1.30E-09	5.53E-09	1.00E-09	3.33E-10	1.33E-09	7.80E-10	1.60E-10	9.40E-10
2485	625456.09	4265029.12	4.99E-09	1.72E-09	6.71E-09	4.17E-09	1.28E-09	5.46E-09	9.88E-10	3.29E-10	1.32E-09	7.70E-10	1.58E-10	9.28E-10
2486	625465.14	4265033.02	4.93E-09	1.69E-09	6.62E-09	4.12E-09	1.27E-09	5.39E-09	9.75E-10	3.25E-10	1.30E-09	7.60E-10	1.56E-10	9.17E-10
2487	625474.19	4265036.93	4.87E-09	1.67E-09	6.54E-09	4.07E-09	1.25E-09	5.32E-09	9.63E-10	3.21E-10	1.28E-09	7.51E-10	1.54E-10	9.05E-10
2488	625483.24	4265040.83	4.81E-09	1.65E-09	6.46E-09	4.02E-09	1.24E-09	5.25E-09	9.51E-10	3.17E-10	1.27E-09	7.42E-10	1.53E-10	8.94E-10
2489	625492.29	4265044.73	4.75E-09	1.63E-09	6.38E-09	3.97E-09	1.22E-09	5.19E-09	9.40E-10	3.13E-10	1.25E-09	7.33E-10	1.51E-10	8.84E-10
2490	625504.97	4265057.8	4.69E-09	1.61E-09	6.30E-09	3.92E-09	1.21E-09	5.13E-09	9.28E-10	3.09E-10	1.24E-09	7.24E-10	1.49E-10	8.72E-10
2491	625508.6	4265066.97	4.68E-09	1.61E-09	6.30E-09	3.92E-09	1.21E-09	5.12E-09	9.27E-10	3.09E-10	1.24E-09	7.23E-10	1.49E-10	8.71E-10
2492	625512.22	4265076.13	4.68E-09	1.61E-09	6.29E-09	3.91E-09	1.20E-09	5.12E-09	9.26E-10	3.08E-10	1.23E-09	7.22E-10	1.48E-10	8.71E-10
2493	625515.85	4265085.29	4.67E-09	1.61E-09	6.28E-09	3.91E-09	1.20E-09	5.11E-09	9.25E-10	3.08E-10	1.23E-09	7.21E-10	1.48E-10	8.70E-10
2494	625519.48	4265094.46	4.67E-09	1.61E-09	6.28E-09	3.91E-09	1.20E-09	5.11E-09	9.25E-10	3.08E-10	1.23E-09	7.21E-10	1.48E-10	8.69E-10
2495	625523.11	4265103.62	4.67E-09	1.61E-09	6.28E-09	3.91E-09	1.20E-09	5.11E-09	9.25E-10	3.08E-10	1.23E-09	7.21E-10	1.48E-10	8.69E-10
2496	625526.73	4265112.79	4.67E-09	1.61E-09	6.28E-09	3.91E-09	1.20E-09	5.11E-09	9.25E-10	3.08E-10	1.23E-09	7.21E-10	1.48E-10	8.70E-10
2497	625530.36	4265121.95	4.67E-09	1.61E-09	6.28E-09	3.90E-09	1.20E-09	5.11E-09	9.25E-10	3.08E-10	1.23E-09	7.21E-10	1.48E-10	8.69E-10
2498	625533.99	4265131.11	4.67E-09	1.61E-09	6.27E-09	3.90E-09	1.20E-09	5.10E-09	9.24E-10	3.08E-10	1.23E-09	7.20E-10	1.48E-10	8.68E-10
2499	625537.62	4265140.28	4.67E-09	1.60E-09	6.27E-09	3.90E-09	1.20E-09	5.10E-09	9.23E-10	3.07E-10	1.23E-09	7.20E-10	1.48E-10	8.68E-10
2500	625541.24	4265149.44	4.66E-09	1.60E-09	6.27E-09	3.90E-09	1.20E-09	5.10E-09	9.23E-10	3.07E-10	1.23E-09	7.19E-10	1.48E-10	8.67E-10
2501	625544.87	4265158.61	4.66E-09	1.60E-09	6.26E-09	3.89E-09	1.20E-09	5.09E-09	9.22E-10	3.07E-10	1.23E-09	7.19E-10	1.48E-10	8.67E-10
2502	625548.5	4265167.77	4.65E-09	1.60E-09	6.25E-09	3.89E-09	1.20E-09	5.09E-09	9.21E-10	3.07E-10	1.23E-09	7.18E-10	1.48E-10	8.66E-10
2503	625552.12	4265176.93	4.65E-09	1.60E-09	6.25E-09	3.88E-09	1.20E-09	5.08E-09	9.20E-10	3.06E-10	1.23E-09	7.17E-10	1.47E-10	8.65E-10
2504	625555.75	4265186.1	4.64E-09	1.60E-09	6.23E-09	3.88E-09	1.19E-09	5.07E-09	9.18E-10	3.06E-10	1.22E-09	7.16E-10	1.47E-10	8.63E-10
2505	625559.38	4265195.26	4.63E-09	1.59E-09	6.22E-09	3.87E-09	1.19E-09	5.06E-09	9.16E-10	3.05E-10	1.22E-09	7.14E-10	1.47E-10	8.61E-10
2506	625563.01	4265204.43	4.62E-09	1.59E-09	6.21E-09	3.86E-09	1.19E-09	5.05E-09	9.14E-10	3.04E-10	1.22E-09	7.13E-10	1.47E-10	8.59E-10
2507	625566.63	4265213.59	4.61E-09	1.59E-09	6.20E-09	3.85E-09	1.19E-09	5.04E-09	9.13E-10	3.04E-10	1.22E-09	7.12E-10	1.46E-10	8.58E-10
2508	625570.26	4265222.76	4.60E-09	1.58E-09	6.19E-09	3.85E-09	1.19E-09	5.03E-09	9.11E-10	3.03E-10	1.21E-09	7.10E-10	1.46E-10	8.56E-10
2509	625573.89	4265231.92	4.60E-09	1.58E-09	6.18E-09	3.84E-09	1.18E-09	5.03E-09	9.10E-10	3.03E-10	1.21E-09	7.09E-10	1.46E-10	8.55E-10
2510	625577.51	4265241.08	4.59E-09	1.58E-09	6.16E-09	3.83E-09	1.18E-09	5.02E-09	9.08E-10	3.02E-10	1.21E-09	7.08E-10	1.46E-10	8.53E-10
2511	625581.14	4265250.25	4.58E-09	1.57E-09	6.15E-09	3.82E-09	1.18E-09	5.00E-09	9.06E-10	3.01E-10	1.21E-09	7.06E-10	1.45E-10	8.51E-10
2512	625584.77	4265259.41	4.56E-09	1.57E-09	6.13E-09	3.81E-09	1.17E-09	4.99E-09	9.03E-10	3.01E-10	1.20E-09	7.04E-10	1.45E-10	8.49E-10
2513	625588.4	4265268.58	4.55E-09	1.56E-09	6.11E-09	3.80E-09	1.17E-09	4.97E-09	9.00E-10	3.00E-10	1.20E-09	7.02E-10	1.44E-10	8.46E-10
2514	625592.02	4265277.74	4.53E-09	1.56E-09	6.09E-09	3.79E-09	1.17E-09	4.96E-09	8.97E-10	2.99E-10	1.20E-09	7.00E-10	1.44E-10	8.43E-10
2515	625595.65	4265286.9	4.52E-09	1.55E-09	6.07E-09	3.78E-09	1.16E-09	4.94E-09	8.95E-10	2.98E-10	1.19E-09	6.97E-10	1.43E-10	8.41E-10
2516	625599.28	4265296.07	4.51E-09	1.55E-09	6.06E-09	3.77E-09	1.16E-09	4.93E-09	8.92E-10	2.97E-10	1.19E-09	6.95E-10	1.43E-10	8.38E-10
2517	625602.9	4265305.23	4.49E-09	1.54E-09	6.03E-09	3.75E-09	1.16E-09	4.91E-09	8.89E-10	2.96E-10	1.18E-09	6.93E-10	1.42E-10	8.35E-10
2518	625606.53	4265314.4	4.47E-09	1.54E-09	6.01E-09	3.74E-09	1.15E-09	4.89E-09	8.85E-10	2.95E-10	1.18E-09	6.90E-10	1.42E-10	8.32E-10
2519	625610.16	4265323.56	4.46E-09	1.53E-09	5.99E-09	3.72E-09	1.15E-09	4.87E-09	8.82E-10	2.94E-10	1.18E-09	6.87E-10	1.41E-10	8.29E-10
2520	625613.79	4265332.72	4.44E-09	1.53E-09	5.96E-09	3.71E-09	1.14E-09	4.85E-09	8.78E-10	2.92E-10	1.17E-09	6.85E-10	1.41E-10	8.25E-10
2521	625617.41	4265341.89	4.42E-09	1.52E-09	5.93E-09	3.69E-09	1.14E-09	4.83E-09	8.74E-10	2.91E-10	1.16E-09	6.81E-10	1.40E-10	8.21E-10
2522	625621.04	4265351.05	4.40E-09	1.51E-09	5.91E-09	3.67E-09	1.13E-09	4.81E-09	8.70E-10	2.90E-10	1.16E-09	6.78E-10	1.39E-10	8.18E-10
2523	625624.67	4265360.22	4.38E-09	1.50E-09	5.88E-09	3.66E-09	1.13E-09	4.78E-09	8.66E-10	2.88E-10	1.15E-09	6.75E-10	1.39E-10	8.14E-10
2524	625628.3	4265369.38	4.35E-09	1.50E-09	5.85E-09	3.64E-09	1.12E-09	4.76E-09	8.62E-10	2.87E-10	1.15E-09	6.72E-10	1.38E-10	8.10E-10
2525	625631.92	4265378.55	4.33E-09	1.49E-09	5.82E-09	3.62E-09	1.12E-09	4.74E-09	8.57E-10	2.85E-10	1.14E-09	6.68E-10	1.37E-10	8.06E-10
2526	625635.55	4265387.71	4.31E-09	1.48E-09	5.79E-09	3.60E-09	1.11E-09	4.71E-09	8.53E-10	2.84E-10	1.14E-09	6.65E-10	1.37E-10	8.02E-10
2527	625639.18	4265396.87	4.28E-09	1.47E-09	5.76E-09	3.58E-09	1.10E-09	4.68E-09	8.48E-10	2.82E-10	1.13E-09	6.61E-10	1.36E-10	7.97E-10
2528	625642.8	4265406.04	4.26E-09	1.47E-09	5.73E-09	3.56E-09	1.10E-09	4.66E-09	8.43E-10	2.81E-10	1.12E-09	6.57E-10	1.35E-10	7.93E-10
2529	625646.43	4265415.2	4.23E-09	1.46E-09	5.69E-09	3.54E-09	1.09E-09	4.63E-09	8.38E-10	2.79E-10	1.12E-09	6.53E-10	1.34E-10	7.88E-10
2530	625650.06	4265424.37	4.21E-09	1.45E-09	5.66E-09	3.52E-09	1.08E-09	4.60E-09	8.33E-10	2.77E-10	1.11E-09	6.49E-10	1.34E-10	7.83E-10
2531	625653.69	4265433.53	4.18E-09	1.44E-09	5.62E-09	3.50E-09	1.08E-09	4.57E-09	8.28E-10	2.76E-10	1.10E-09	6.45E-10	1.33E-10	7.78E-10
2532	625657.31	4265442.69	4.16E-09	1.43E-09	5.58E-09	3.47E-09	1.07E-09	4.54E-09	8.22E-10	2.74E-10	1.10E-09	6.41E-10	1.32E-10	7.73E-10
2533	625660.94	4265451.86	4.13E-09	1.42E-09	5.55E-09	3.45E-09	1.06E-09	4.51E-09	8.17E-10	2.72E-10	1.09E-09	6.37E-10	1.31E-10	7.68E-10
2534	625664.57	4265461.02	4.10E-09	1.41E-09	5.51E-09	3.43E-09	1.06E-09	4.48E-09	8.11E-10	2.70E-10	1.08E-09	6.33E-10	1.30E-10	7.63E-10
2535	625668.19	4265470.19	4.07E-09	1.40E-09	5.47E-09	3.40E-09	1.05E-09	4.45E-09	8.06E-10	2.68E-10	1.07E-09	6.28E-10	1.29E-10	7.57E-10
2536	625671.82	4265479.35	4.05E-09	1.39E-09	5.44E-09	3.38E-09	1.04E-09	4.42E-09	8.01E-10	2.66E-10	1.07E-09	6.24E-10	1.28E-10	7.53E-10
2537	625675.45	4265488.51	4.02E-09	1.38E-09	5.40E-09	3.36E-09	1.03E-09	4.39E-09	7.95E-10	2.65E-10	1.06E-09	6.20E-10	1.28E-10	7.48E-10
2538	625679.08	4265497.68	3.99E-09	1.37E-09	5.36E-09	3.34E-09	1.03E-09	4.36E-09	7.90E-10	2.63E-10	1.05E-09	6.16E-10	1.27E-10	7.43E-10
2539	625682.7	4265506.84	3.96E-09	1.36E-09	5.33E-09	3.31E-09	1.02E-09	4.33E-09	7.85E-10	2.61E-10	1.05E-09	6.12E-10	1.26E-10	7.38E-10
2540	625686.33	4265516.01	3.94E-09	1.35E-09	5.29E-09	3.29E-09	1.01E-09	4.30E-09	7.79E-10	2.59E-10	1.04E-09	6.07E-10	1.25E-10	7.32E-10
2541	625689.96	4265525.17	3.91E-09	1.34E-09	5.25E-09	3.27E-09	1.01E-09	4.27E-09	7.74E-10	2.57E-10	1.03E-09	6.03E-10	1.24E-10	7.27E-10
2542	625693.59	4265534.34	3.88E-09	1.33E-09	5.21E-09	3.24E-09	9.99E-10	4.24E-09	7.68E-10	2.56E-10	1.02E-09	5.99E-10	1.23E-10	7.22E-10
2543	625697.21	4265543.5	3.85E-09	1.32E-09	5.17E-09	3.22E-09	9.90E-10	4.21E-09	7.61E-10	2.53E-10	1.01E-09	5.94E-10	1.22E-10	7.16E-10
2544	625700.84	4265552.66	3.81E-09	1.31E-09	5.12E-09	3.19E-09	9.82E-10	4.17E-09	7.55E-10	2.51E-10	1.01E-09	5.88E-10	1.21E-10	7.09E-10
2545	625704.47	4265561.83	3.78E-09	1.30E-09	5.08E-09	3.16E-09	9.73E-10	4.13E-09	7.48E-10	2.49E-10	9.97E-10	5.83E-10	1.20E-10	7.03E-10
2546	625708.09	4265570.99	3.75E-09	1.29E-09	5.03E-09	3.13E-09	9.65E-10	4.10E-09	7.42E-10	2.47E-10	9.88E-10	5.78E-10	1.19E-10	6.97E-10
2547	625711.72	4265580.16	3.71E-09	1.28E-09	4.99E-09	3.10E-09	9.56E-10	4.06E-09	7.35E-10	2.45E-10	9.80E-10	5.73E-10	1.18E-10	6.91E-10
2548	625715.35	4265589.32	3.68E-09	1.27E-09	4.94E-09	3.08E-09	9.47E-10	4.02E-09	7.28E-10	2.42E-10	9.71E-10	5.68E-10	1.17E-10	6.85E-10
2549	625718.98	4265598.48	3.64E-09	1.25E-09	4.90E-09	3.05E-09	9.38E-10	3.98E-09	7.21E-10	2.40E-10	9.61E-10	5.62E-10	1.16E-10	6.78E-10

2550	625722.6	4265607.65	3.61E-09	1.24E-09	4.85E-09	3.02E-09	9.29E-10	3.95E-09	7.14E-10	2.38E-10	9.52E-10	5.57E-10	1.15E-10	6.71E-10
2551	625726.23	4265616.81	3.57E-09	1.23E-09	4.80E-09	2.99E-09	9.20E-10	3.91E-09	7.07E-10	2.35E-10	9.42E-10	5.51E-10	1.13E-10	6.65E-10
2552	625729.86	4265625.98	3.53E-09	1.22E-09	4.75E-09	2.95E-09	9.10E-10	3.86E-09	7.00E-10	2.33E-10	9.33E-10	5.45E-10	1.12E-10	6.58E-10
2553	625733.48	4265635.14	3.50E-09	1.20E-09	4.70E-09	2.92E-09	9.00E-10	3.82E-09	6.92E-10	2.30E-10	9.23E-10	5.40E-10	1.11E-10	6.51E-10
2554	625737.11	4265644.3	3.46E-09	1.19E-09	4.65E-09	2.89E-09	8.90E-10	3.78E-09	6.85E-10	2.28E-10	9.12E-10	5.34E-10	1.10E-10	6.43E-10
2555	625740.74	4265653.47	3.42E-09	1.18E-09	4.60E-09	2.86E-09	8.80E-10	3.74E-09	6.77E-10	2.25E-10	9.02E-10	5.28E-10	1.09E-10	6.36E-10
2556	625744.37	4265662.63	3.38E-09	1.16E-09	4.54E-09	2.82E-09	8.70E-10	3.69E-09	6.69E-10	2.23E-10	8.92E-10	5.21E-10	1.07E-10	6.29E-10
2557	625747.99	4265671.8	3.34E-09	1.15E-09	4.49E-09	2.79E-09	8.60E-10	3.65E-09	6.61E-10	2.20E-10	8.81E-10	5.15E-10	1.06E-10	6.21E-10
2558	625751.62	4265680.96	3.30E-09	1.13E-09	4.43E-09	2.76E-09	8.49E-10	3.61E-09	6.53E-10	2.17E-10	8.70E-10	5.09E-10	1.05E-10	6.14E-10
2559	624867.85	4264775.4	5.53E-09	1.90E-09	7.43E-09	4.62E-09	1.42E-09	6.04E-09	1.09E-09	3.64E-10	1.46E-09	8.53E-10	1.75E-10	1.03E-09
2560	624857.94	4264775.26	5.51E-09	1.89E-09	7.40E-09	4.60E-09	1.42E-09	6.02E-09	1.09E-09	3.63E-10	1.45E-09	8.50E-10	1.75E-10	1.02E-09
2561	624848.03	4264775.12	5.48E-09	1.89E-09	7.37E-09	4.58E-09	1.41E-09	6.00E-09	1.09E-09	3.61E-10	1.45E-09	8.46E-10	1.74E-10	1.02E-09
2562	624838.12	4264774.98	5.46E-09	1.88E-09	7.34E-09	4.57E-09	1.41E-09	5.97E-09	1.08E-09	3.60E-10	1.44E-09	8.43E-10	1.73E-10	1.02E-09
2563	624828.21	4264774.85	5.44E-09	1.87E-09	7.31E-09	4.55E-09	1.40E-09	5.95E-09	1.08E-09	3.58E-10	1.44E-09	8.39E-10	1.73E-10	1.01E-09
2564	624818.3	4264774.71	5.42E-09	1.86E-09	7.28E-09	4.53E-09	1.39E-09	5.92E-09	1.07E-09	3.57E-10	1.43E-09	8.36E-10	1.72E-10	1.01E-09
2565	624808.4	4264774.57	5.39E-09	1.85E-09	7.25E-09	4.51E-09	1.39E-09	5.90E-09	1.07E-09	3.55E-10	1.42E-09	8.32E-10	1.71E-10	1.00E-09
2566	624798.49	4264774.43	5.37E-09	1.85E-09	7.22E-09	4.49E-09	1.38E-09	5.87E-09	1.06E-09	3.54E-10	1.42E-09	8.29E-10	1.70E-10	9.99E-10
2567	624788.58	4264774.3	5.35E-09	1.84E-09	7.19E-09	4.47E-09	1.38E-09	5.85E-09	1.06E-09	3.53E-10	1.41E-09	8.26E-10	1.70E-10	9.96E-10
2568	624778.67	4264774.16	5.33E-09	1.83E-09	7.16E-09	4.46E-09	1.37E-09	5.83E-09	1.06E-09	3.51E-10	1.41E-09	8.23E-10	1.69E-10	9.92E-10
2569	624768.76	4264774.02	5.31E-09	1.83E-09	7.14E-09	4.44E-09	1.37E-09	5.81E-09	1.05E-09	3.50E-10	1.40E-09	8.19E-10	1.69E-10	9.88E-10
2570	624758.85	4264773.89	5.29E-09	1.82E-09	7.11E-09	4.42E-09	1.36E-09	5.78E-09	1.05E-09	3.49E-10	1.40E-09	8.16E-10	1.68E-10	9.84E-10
2571	624748.94	4264773.75	5.27E-09	1.81E-09	7.08E-09	4.40E-09	1.36E-09	5.76E-09	1.04E-09	3.47E-10	1.39E-09	8.13E-10	1.67E-10	9.80E-10
2572	624739.03	4264773.61	5.25E-09	1.80E-09	7.05E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.38E-09	8.10E-10	1.67E-10	9.76E-10
2573	624729.13	4264773.47	5.22E-09	1.80E-09	7.02E-09	4.37E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.72E-10
2574	624719.22	4264773.34	5.20E-09	1.79E-09	6.99E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.02E-10	1.65E-10	9.67E-10
2575	624709.31	4264773.2	5.18E-09	1.78E-09	6.96E-09	4.33E-09	1.33E-09	5.66E-09	1.02E-09	3.41E-10	1.37E-09	7.99E-10	1.64E-10	9.63E-10
2576	624699.4	4264773.06	5.15E-09	1.77E-09	6.92E-09	4.31E-09	1.33E-09	5.63E-09	1.02E-09	3.39E-10	1.36E-09	7.95E-10	1.63E-10	9.58E-10
2577	624689.49	4264772.92	5.13E-09	1.76E-09	6.89E-09	4.28E-09	1.32E-09	5.60E-09	1.01E-09	3.38E-10	1.35E-09	7.91E-10	1.63E-10	9.54E-10
2578	624679.58	4264772.79	5.10E-09	1.75E-09	6.85E-09	4.26E-09	1.31E-09	5.58E-09	1.01E-09	3.36E-10	1.35E-09	7.87E-10	1.62E-10	9.49E-10
2579	624669.67	4264772.65	5.07E-09	1.74E-09	6.82E-09	4.24E-09	1.31E-09	5.55E-09	1.00E-09	3.34E-10	1.34E-09	7.83E-10	1.61E-10	9.44E-10
2580	624659.76	4264772.51	5.04E-09	1.73E-09	6.78E-09	4.22E-09	1.30E-09	5.51E-09	9.98E-10	3.32E-10	1.33E-09	7.78E-10	1.60E-10	9.38E-10
2581	624649.86	4264772.37	5.01E-09	1.72E-09	6.74E-09	4.19E-09	1.29E-09	5.48E-09	9.92E-10	3.30E-10	1.32E-09	7.74E-10	1.59E-10	9.33E-10
2582	624639.95	4264772.24	4.98E-09	1.71E-09	6.70E-09	4.16E-09	1.28E-09	5.45E-09	9.86E-10	3.28E-10	1.31E-09	7.69E-10	1.58E-10	9.27E-10
2583	624630.04	4264772.1	4.95E-09	1.70E-09	6.65E-09	4.14E-09	1.27E-09	5.41E-09	9.80E-10	3.26E-10	1.31E-09	7.64E-10	1.57E-10	9.21E-10
2584	624620.13	4264771.96	4.92E-09	1.69E-09	6.61E-09	4.11E-09	1.27E-09	5.37E-09	9.73E-10	3.24E-10	1.30E-09	7.58E-10	1.56E-10	9.14E-10
2585	624610.22	4264771.82	4.88E-09	1.68E-09	6.56E-09	4.08E-09	1.26E-09	5.34E-09	9.66E-10	3.22E-10	1.29E-09	7.53E-10	1.55E-10	9.08E-10
2586	624600.31	4264771.69	4.84E-09	1.67E-09	6.51E-09	4.05E-09	1.25E-09	5.30E-09	9.59E-10	3.19E-10	1.28E-09	7.47E-10	1.54E-10	9.01E-10
2587	624590.4	4264771.55	4.80E-09	1.65E-09	6.46E-09	4.02E-09	1.24E-09	5.25E-09	9.51E-10	3.17E-10	1.27E-09	7.41E-10	1.52E-10	8.94E-10
2588	624580.49	4264771.41	4.77E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.87E-10
2589	624570.58	4264771.27	4.73E-09	1.62E-09	6.35E-09	3.95E-09	1.22E-09	5.17E-09	9.35E-10	3.11E-10	1.25E-09	7.29E-10	1.50E-10	8.79E-10
2590	624560.68	4264771.14	4.68E-09	1.61E-09	6.29E-09	3.91E-09	1.21E-09	5.12E-09	9.27E-10	3.09E-10	1.24E-09	7.23E-10	1.49E-10	8.71E-10
2591	624550.77	4264771	4.64E-09	1.60E-09	6.23E-09	3.88E-09	1.19E-09	5.07E-09	9.18E-10	3.06E-10	1.22E-09	7.16E-10	1.47E-10	8.63E-10
2592	624540.86	4264770.86	4.59E-09	1.58E-09	6.17E-09	3.84E-09	1.18E-09	5.02E-09	9.09E-10	3.03E-10	1.21E-09	7.09E-10	1.46E-10	8.55E-10
2593	624530.95	4264770.72	4.55E-09	1.56E-09	6.12E-09	3.80E-09	1.17E-09	4.98E-09	9.01E-10	3.00E-10	1.20E-09	7.02E-10	1.44E-10	8.47E-10
2594	624521.04	4264770.59	4.51E-09	1.55E-09	6.06E-09	3.77E-09	1.16E-09	4.93E-09	8.92E-10	2.97E-10	1.19E-09	6.96E-10	1.43E-10	8.39E-10
2595	624511.13	4264770.45	4.47E-09	1.54E-09	6.00E-09	3.73E-09	1.15E-09	4.88E-09	8.84E-10	2.94E-10	1.18E-09	6.89E-10	1.42E-10	8.31E-10
2596	624501.22	4264770.31	4.42E-09	1.52E-09	5.95E-09	3.70E-09	1.14E-09	4.84E-09	8.76E-10	2.92E-10	1.17E-09	6.83E-10	1.40E-10	8.23E-10
2597	624491.31	4264770.18	4.38E-09	1.51E-09	5.89E-09	3.66E-09	1.13E-09	4.79E-09	8.67E-10	2.89E-10	1.16E-09	6.76E-10	1.39E-10	8.15E-10
2598	624481.41	4264770.04	4.34E-09	1.49E-09	5.83E-09	3.63E-09	1.12E-09	4.75E-09	8.59E-10	2.86E-10	1.15E-09	6.70E-10	1.38E-10	8.08E-10
2599	624471.5	4264769.9	4.30E-09	1.48E-09	5.78E-09	3.59E-09	1.11E-09	4.70E-09	8.51E-10	2.83E-10	1.13E-09	6.64E-10	1.36E-10	8.00E-10
2600	624461.59	4264769.76	4.26E-09	1.47E-09	5.73E-09	3.56E-09	1.10E-09	4.66E-09	8.43E-10	2.81E-10	1.12E-09	6.57E-10	1.35E-10	7.93E-10
2601	624451.68	4264769.63	4.22E-09	1.45E-09	5.67E-09	3.53E-09	1.09E-09	4.61E-09	8.36E-10	2.78E-10	1.11E-09	6.51E-10	1.34E-10	7.85E-10
2602	624441.77	4264769.49	4.18E-09	1.44E-09	5.62E-09	3.50E-09	1.08E-09	4.57E-09	8.28E-10	2.76E-10	1.10E-09	6.45E-10	1.33E-10	7.78E-10
2603	624431.86	4264769.35	4.14E-09	1.42E-09	5.57E-09	3.46E-09	1.07E-09	4.53E-09	8.20E-10	2.73E-10	1.09E-09	6.39E-10	1.32E-10	7.71E-10
2604	624421.95	4264769.21	4.11E-09	1.41E-09	5.52E-09	3.43E-09	1.06E-09	4.49E-09	8.13E-10	2.70E-10	1.08E-09	6.33E-10	1.30E-10	7.64E-10
2605	624412.04	4264769.08	4.07E-09	1.40E-09	5.47E-09	3.40E-09	1.05E-09	4.45E-09	8.05E-10	2.68E-10	1.07E-09	6.28E-10	1.29E-10	7.57E-10
2606	624402.14	4264768.94	4.03E-09	1.39E-09	5.42E-09	3.37E-09	1.04E-09	4.41E-09	7.98E-10	2.66E-10	1.06E-09	6.22E-10	1.28E-10	7.50E-10
2607	624392.23	4264768.8	3.99E-09	1.37E-09	5.37E-09	3.34E-09	1.03E-09	4.37E-09	7.90E-10	2.63E-10	1.05E-09	6.16E-10	1.27E-10	7.43E-10
2608	624382.32	4264768.66	3.96E-09	1.36E-09	5.32E-09	3.31E-09	1.02E-09	4.33E-09	7.83E-10	2.61E-10	1.04E-09	6.11E-10	1.26E-10	7.36E-10
2609	624372.41	4264768.53	3.92E-09	1.35E-09	5.27E-09	3.28E-09	1.01E-09	4.29E-09	7.76E-10	2.58E-10	1.03E-09	6.05E-10	1.24E-10	7.29E-10
2610	624878.26	4264679.3	4.77E-09	1.64E-09	6.41E-09	3.98E-09	1.23E-09	5.21E-09	9.44E-10	3.14E-10	1.26E-09	7.36E-10	1.51E-10	8.87E-10
2611	624887.28	4264683.19	4.81E-09	1.65E-09	6.47E-09	4.02E-09	1.24E-09	5.26E-09	9.52E-10	3.17E-10	1.27E-09	7.42E-10	1.53E-10	8.95E-10
2612	624896.31	4264687.08	4.86E-09	1.67E-09	6.53E-09	4.06E-09	1.25E-09	5.31E-09	9.61E-10	3.20E-10	1.28E-09	7.49E-10	1.54E-10	9.03E-10
2613	624905.33	4264690.98	4.90E-09	1.69E-09	6.59E-09	4.10E-09	1.26E-09	5.36E-09	9.70E-10	3.23E-10	1.29E-09	7.56E-10	1.56E-10	9.12E-10
2614	624914.36	4264694.87	4.95E-09	1.70E-09	6.65E-09	4.14E-09	1.27E-09	5.41E-09	9.79E-10	3.26E-10	1.31E-09	7.64E-10	1.57E-10	9.21E-10
2615	624923.38	4264698.76	5.00E-09	1.72E-09	6.71E-09	4.18E-09	1.29E-09	5.46E-09	9.89E-10	3.29E-10	1.32E-09	7.71E-10	1.59E-10	9.29E-10
2616	624932.4	4264702.65	5.04E-09	1.73E-09	6.78E-09	4.22E-09	1.30E-09	5.51E-09	9.98E-10	3.32E-10	1.33E-09	7.78E-10	1.60E-10	9.38E-10
2617	624941.43	4264706.54	5.09E-09	1.75E-09	6.84E-09	4.26E-09	1.31E-09	5.57E-09	1.01E-09	3.36E-10	1.34E-09	7.86E-10	1.62E-10	9.47E-10
2618	624950.45	4264710.44	5.14E-09	1.77E-09	6.91E-09	4.30E-09	1.32E-09	5.62E-09	1.02E-09	3.39E-10	1.36E-09	7.93E-10	1.63E-10	9.57E-10

2619	624959.48	4264714.33	5.19E-09	1.79E-09	6.98E-09	4.34E-09	1.34E-09	5.68E-09	1.03E-09	3.42E-10	1.37E-09	8.01E-10	1.65E-10	9.66E-10
2620	624968.5	4264718.22	5.25E-09	1.80E-09	7.05E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.46E-10	1.38E-09	8.09E-10	1.66E-10	9.76E-10
2621	624977.52	4264722.11	5.30E-09	1.82E-09	7.12E-09	4.43E-09	1.36E-09	5.79E-09	1.05E-09	3.49E-10	1.40E-09	8.17E-10	1.68E-10	9.85E-10
2622	624986.55	4264726.01	5.35E-09	1.84E-09	7.19E-09	4.47E-09	1.38E-09	5.85E-09	1.06E-09	3.52E-10	1.41E-09	8.26E-10	1.70E-10	9.95E-10
2623	624995.57	4264729.9	5.40E-09	1.86E-09	7.26E-09	4.52E-09	1.39E-09	5.91E-09	1.07E-09	3.56E-10	1.43E-09	8.34E-10	1.71E-10	1.00E-09
2624	625004.6	4264733.79	5.45E-09	1.88E-09	7.33E-09	4.56E-09	1.40E-09	5.96E-09	1.08E-09	3.59E-10	1.44E-09	8.42E-10	1.73E-10	1.01E-09
2625	625013.62	4264737.68	5.51E-09	1.89E-09	7.40E-09	4.60E-09	1.42E-09	6.02E-09	1.09E-09	3.63E-10	1.45E-09	8.50E-10	1.75E-10	1.02E-09
2626	625022.65	4264741.58	5.56E-09	1.91E-09	7.47E-09	4.65E-09	1.43E-09	6.08E-09	1.10E-09	3.66E-10	1.47E-09	8.58E-10	1.76E-10	1.03E-09
2627	625031.67	4264745.47	5.61E-09	1.93E-09	7.54E-09	4.69E-09	1.44E-09	6.13E-09	1.11E-09	3.70E-10	1.48E-09	8.66E-10	1.78E-10	1.04E-09
2628	625040.69	4264749.36	5.66E-09	1.95E-09	7.61E-09	4.73E-09	1.46E-09	6.19E-09	1.12E-09	3.73E-10	1.49E-09	8.73E-10	1.80E-10	1.05E-09
2629	625049.72	4264753.25	5.71E-09	1.96E-09	7.67E-09	4.77E-09	1.47E-09	6.24E-09	1.13E-09	3.76E-10	1.51E-09	8.81E-10	1.81E-10	1.06E-09
2630	625058.74	4264757.14	5.76E-09	1.98E-09	7.74E-09	4.81E-09	1.48E-09	6.29E-09	1.14E-09	3.79E-10	1.52E-09	8.88E-10	1.83E-10	1.07E-09
2631	625067.77	4264761.04	5.80E-09	2.00E-09	7.80E-09	4.85E-09	1.49E-09	6.35E-09	1.15E-09	3.82E-10	1.53E-09	8.96E-10	1.84E-10	1.08E-09
2632	625076.79	4264764.93	5.85E-09	2.01E-09	7.86E-09	4.89E-09	1.51E-09	6.39E-09	1.16E-09	3.85E-10	1.54E-09	9.02E-10	1.86E-10	1.09E-09
2633	625085.81	4264768.82	5.89E-09	2.03E-09	7.92E-09	4.92E-09	1.52E-09	6.44E-09	1.17E-09	3.88E-10	1.55E-09	9.09E-10	1.87E-10	1.10E-09
2634	625094.84	4264772.71	5.93E-09	2.04E-09	7.97E-09	4.96E-09	1.53E-09	6.48E-09	1.17E-09	3.91E-10	1.56E-09	9.15E-10	1.88E-10	1.10E-09
2635	625103.86	4264776.61	5.97E-09	2.05E-09	8.02E-09	4.99E-09	1.54E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.21E-10	1.89E-10	1.11E-09
2636	625112.89	4264780.5	6.00E-09	2.06E-09	8.06E-09	5.02E-09	1.54E-09	6.56E-09	1.19E-09	3.95E-10	1.58E-09	9.26E-10	1.90E-10	1.12E-09
2637	625121.91	4264784.39	6.03E-09	2.07E-09	8.10E-09	5.04E-09	1.55E-09	6.59E-09	1.19E-09	3.97E-10	1.59E-09	9.30E-10	1.91E-10	1.12E-09
2638	625130.94	4264788.28	6.06E-09	2.08E-09	8.14E-09	5.06E-09	1.56E-09	6.62E-09	1.20E-09	3.99E-10	1.60E-09	9.34E-10	1.92E-10	1.13E-09
2639	625139.96	4264792.18	6.08E-09	2.09E-09	8.17E-09	5.08E-09	1.56E-09	6.65E-09	1.20E-09	4.00E-10	1.60E-09	9.38E-10	1.93E-10	1.13E-09
2640	625148.98	4264796.07	6.10E-09	2.10E-09	8.19E-09	5.10E-09	1.57E-09	6.67E-09	1.21E-09	4.02E-10	1.61E-09	9.41E-10	1.93E-10	1.13E-09
2641	625158.01	4264799.96	6.11E-09	2.10E-09	8.21E-09	5.11E-09	1.57E-09	6.68E-09	1.21E-09	4.03E-10	1.61E-09	9.43E-10	1.94E-10	1.14E-09
2642	625167.03	4264803.85	6.12E-09	2.10E-09	8.23E-09	5.12E-09	1.58E-09	6.69E-09	1.21E-09	4.03E-10	1.61E-09	9.44E-10	1.94E-10	1.14E-09
2643	625176.06	4264807.74	6.13E-09	2.11E-09	8.23E-09	5.12E-09	1.58E-09	6.70E-09	1.21E-09	4.04E-10	1.62E-09	9.45E-10	1.94E-10	1.14E-09
2644	625185.08	4264811.64	6.13E-09	2.11E-09	8.23E-09	5.12E-09	1.58E-09	6.70E-09	1.21E-09	4.04E-10	1.62E-09	9.46E-10	1.94E-10	1.14E-09
2645	625194.1	4264815.53	6.12E-09	2.11E-09	8.23E-09	5.12E-09	1.58E-09	6.70E-09	1.21E-09	4.04E-10	1.62E-09	9.45E-10	1.94E-10	1.14E-09
2646	625203.13	4264819.42	6.12E-09	2.10E-09	8.22E-09	5.11E-09	1.58E-09	6.69E-09	1.21E-09	4.03E-10	1.61E-09	9.44E-10	1.94E-10	1.14E-09
2647	625212.15	4264823.31	6.11E-09	2.10E-09	8.21E-09	5.10E-09	1.57E-09	6.68E-09	1.21E-09	4.02E-10	1.61E-09	9.42E-10	1.94E-10	1.14E-09
2648	625221.18	4264827.21	6.09E-09	2.09E-09	8.19E-09	5.09E-09	1.57E-09	6.66E-09	1.21E-09	4.01E-10	1.61E-09	9.40E-10	1.93E-10	1.13E-09
2649	625230.2	4264831.1	6.07E-09	2.09E-09	8.16E-09	5.08E-09	1.56E-09	6.64E-09	1.20E-09	4.00E-10	1.60E-09	9.37E-10	1.93E-10	1.13E-09
2650	625239.22	4264834.99	6.05E-09	2.08E-09	8.13E-09	5.06E-09	1.56E-09	6.61E-09	1.20E-09	3.99E-10	1.60E-09	9.33E-10	1.92E-10	1.13E-09
2651	625248.25	4264838.88	6.02E-09	2.07E-09	8.09E-09	5.03E-09	1.55E-09	6.58E-09	1.19E-09	3.97E-10	1.59E-09	9.29E-10	1.91E-10	1.12E-09
2652	625257.27	4264842.78	5.99E-09	2.06E-09	8.05E-09	5.01E-09	1.54E-09	6.55E-09	1.19E-09	3.95E-10	1.58E-09	9.25E-10	1.90E-10	1.11E-09
2653	625266.3	4264846.67	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.53E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
2654	625275.32	4264850.56	5.92E-09	2.04E-09	7.96E-09	4.95E-09	1.52E-09	6.47E-09	1.17E-09	3.90E-10	1.56E-09	9.14E-10	1.88E-10	1.10E-09
2655	625284.35	4264854.45	5.88E-09	2.02E-09	7.90E-09	4.92E-09	1.51E-09	6.43E-09	1.16E-09	3.87E-10	1.55E-09	9.08E-10	1.87E-10	1.09E-09
2656	625293.37	4264858.34	5.84E-09	2.01E-09	7.84E-09	4.88E-09	1.50E-09	6.38E-09	1.16E-09	3.85E-10	1.54E-09	9.01E-10	1.85E-10	1.09E-09
2657	625302.39	4264862.24	5.79E-09	1.99E-09	7.78E-09	4.84E-09	1.49E-09	6.33E-09	1.15E-09	3.82E-10	1.53E-09	8.94E-10	1.84E-10	1.08E-09
2658	625311.42	4264866.13	5.74E-09	1.97E-09	7.72E-09	4.80E-09	1.48E-09	6.28E-09	1.14E-09	3.78E-10	1.51E-09	8.86E-10	1.82E-10	1.07E-09
2659	625320.44	4264870.02	5.69E-09	1.96E-09	7.65E-09	4.76E-09	1.46E-09	6.22E-09	1.13E-09	3.75E-10	1.50E-09	8.78E-10	1.81E-10	1.06E-09
2660	625329.47	4264873.91	5.63E-09	1.94E-09	7.57E-09	4.71E-09	1.45E-09	6.16E-09	1.12E-09	3.71E-10	1.49E-09	8.69E-10	1.79E-10	1.05E-09
2661	625338.49	4264877.81	5.58E-09	1.92E-09	7.50E-09	4.66E-09	1.44E-09	6.10E-09	1.10E-09	3.67E-10	1.47E-09	8.61E-10	1.77E-10	1.04E-09
2662	625347.51	4264881.7	5.52E-09	1.90E-09	7.42E-09	4.61E-09	1.42E-09	6.03E-09	1.09E-09	3.64E-10	1.46E-09	8.52E-10	1.75E-10	1.03E-09
2663	625356.54	4264885.59	5.46E-09	1.88E-09	7.34E-09	4.56E-09	1.41E-09	5.97E-09	1.08E-09	3.60E-10	1.44E-09	8.42E-10	1.73E-10	1.02E-09
2664	625365.56	4264889.48	5.40E-09	1.86E-09	7.26E-09	4.51E-09	1.39E-09	5.90E-09	1.07E-09	3.56E-10	1.42E-09	8.33E-10	1.71E-10	1.00E-09
2665	625374.59	4264893.38	5.34E-09	1.84E-09	7.17E-09	4.46E-09	1.37E-09	5.84E-09	1.06E-09	3.52E-10	1.41E-09	8.24E-10	1.69E-10	9.93E-10
2666	625383.61	4264897.27	5.27E-09	1.81E-09	7.09E-09	4.41E-09	1.36E-09	5.77E-09	1.04E-09	3.48E-10	1.39E-09	8.14E-10	1.67E-10	9.81E-10
2667	625392.63	4264901.16	5.21E-09	1.79E-09	7.00E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.43E-10	1.38E-09	8.04E-10	1.65E-10	9.70E-10
2668	625401.66	4264905.05	5.15E-09	1.77E-09	6.92E-09	4.30E-09	1.33E-09	5.63E-09	1.02E-09	3.39E-10	1.36E-09	7.94E-10	1.63E-10	9.58E-10
2669	625410.68	4264908.95	5.08E-09	1.75E-09	6.83E-09	4.25E-09	1.31E-09	5.56E-09	1.01E-09	3.35E-10	1.34E-09	7.84E-10	1.61E-10	9.46E-10
2670	625419.71	4264912.84	5.02E-09	1.73E-09	6.74E-09	4.19E-09	1.29E-09	5.49E-09	9.93E-10	3.31E-10	1.32E-09	7.74E-10	1.59E-10	9.33E-10
2671	625428.73	4264916.73	4.95E-09	1.70E-09	6.65E-09	4.14E-09	1.27E-09	5.41E-09	9.80E-10	3.26E-10	1.31E-09	7.64E-10	1.57E-10	9.21E-10
2672	625437.76	4264920.62	4.89E-09	1.68E-09	6.57E-09	4.08E-09	1.26E-09	5.34E-09	9.67E-10	3.22E-10	1.29E-09	7.54E-10	1.55E-10	9.09E-10
2673	625446.78	4264924.51	4.82E-09	1.66E-09	6.48E-09	4.03E-09	1.24E-09	5.27E-09	9.54E-10	3.18E-10	1.27E-09	7.44E-10	1.53E-10	8.97E-10
2674	625455.8	4264928.41	4.76E-09	1.64E-09	6.39E-09	3.98E-09	1.22E-09	5.20E-09	9.42E-10	3.13E-10	1.26E-09	7.34E-10	1.51E-10	8.85E-10
2675	625464.83	4264932.3	4.69E-09	1.61E-09	6.31E-09	3.92E-09	1.21E-09	5.13E-09	9.29E-10	3.09E-10	1.24E-09	7.24E-10	1.49E-10	8.73E-10
2676	625473.85	4264936.19	4.63E-09	1.59E-09	6.23E-09	3.87E-09	1.19E-09	5.07E-09	9.17E-10	3.05E-10	1.22E-09	7.15E-10	1.47E-10	8.62E-10
2677	625482.88	4264940.08	4.57E-09	1.57E-09	6.15E-09	3.82E-09	1.18E-09	5.00E-09	9.05E-10	3.01E-10	1.21E-09	7.06E-10	1.45E-10	8.51E-10
2678	625491.9	4264943.98	4.52E-09	1.55E-09	6.07E-09	3.78E-09	1.16E-09	4.94E-09	8.94E-10	2.98E-10	1.19E-09	6.97E-10	1.43E-10	8.40E-10
2679	625500.92	4264947.87	4.46E-09	1.53E-09	6.00E-09	3.73E-09	1.15E-09	4.88E-09	8.83E-10	2.94E-10	1.18E-09	6.89E-10	1.42E-10	8.30E-10
2680	625509.95	4264951.76	4.41E-09	1.52E-09	5.93E-09	3.69E-09	1.14E-09	4.82E-09	8.73E-10	2.90E-10	1.16E-09	6.80E-10	1.40E-10	8.20E-10
2681	625518.97	4264955.65	4.36E-09	1.50E-09	5.85E-09	3.64E-09	1.12E-09	4.76E-09	8.62E-10	2.87E-10	1.15E-09	6.72E-10	1.38E-10	8.10E-10
2682	625528	4264959.55	4.31E-09	1.48E-09	5.79E-09	3.60E-09	1.11E-09	4.71E-09	8.52E-10	2.84E-10	1.14E-09	6.64E-10	1.37E-10	8.01E-10
2683	625537.02	4264963.44	4.26E-09	1.46E-09	5.72E-09	3.56E-09	1.10E-09	4.65E-09	8.43E-10	2.81E-10	1.12E-09	6.57E-10	1.35E-10	7.92E-10
2684	625546.05	4264967.33	4.21E-09	1.45E-09	5.66E-09	3.52E-09	1.08E-09	4.60E-09	8.34E-10	2.77E-10	1.11E-09	6.50E-10	1.34E-10	7.83E-10
2685	625555.07	4264971.22	4.17E-09	1.43E-09	5.60E-09	3.48E-09	1.07E-09	4.55E-09	8.25E-10	2.74E-10	1.10E-09	6.43E-10	1.32E-10	7.75E-10
2686	625564.09	4264975.11	4.12E-09	1.42E-09	5.54E-09	3.45E-09	1.06E-09	4.51E-09	8.16E-10	2.72E-10	1.09E-09	6.36E-10	1.31E-10	7.67E-10
2687	625576.73	4264988.14	4.08E-09	1.40E-09	5.48E-09	3.41E-09	1.05E-09	4.46E-09	8.08E-10	2.69E-10	1.08E-09	6.30E-10	1.29E-10	7.59E-10

2688	625580.35	4264997.28	4.08E-09	1.40E-09	5.48E-09	3.41E-09	1.05E-09	4.46E-09	8.07E-10	2.69E-10	1.08E-09	6.29E-10	1.29E-10	7.59E-10
2689	625583.97	4265006.42	4.08E-09	1.40E-09	5.49E-09	3.41E-09	1.05E-09	4.46E-09	8.08E-10	2.69E-10	1.08E-09	6.30E-10	1.30E-10	7.59E-10
2690	625587.59	4265015.56	4.09E-09	1.41E-09	5.49E-09	3.42E-09	1.05E-09	4.47E-09	8.09E-10	2.69E-10	1.08E-09	6.31E-10	1.30E-10	7.60E-10
2691	625591.2	4265024.7	4.09E-09	1.41E-09	5.50E-09	3.42E-09	1.05E-09	4.47E-09	8.10E-10	2.70E-10	1.08E-09	6.31E-10	1.30E-10	7.61E-10
2692	625594.82	4265033.83	4.09E-09	1.41E-09	5.50E-09	3.42E-09	1.05E-09	4.47E-09	8.10E-10	2.69E-10	1.08E-09	6.31E-10	1.30E-10	7.61E-10
2693	625598.44	4265042.97	4.09E-09	1.41E-09	5.50E-09	3.42E-09	1.05E-09	4.47E-09	8.10E-10	2.69E-10	1.08E-09	6.31E-10	1.30E-10	7.61E-10
2694	625602.05	4265052.11	4.09E-09	1.41E-09	5.50E-09	3.42E-09	1.05E-09	4.47E-09	8.09E-10	2.69E-10	1.08E-09	6.31E-10	1.30E-10	7.61E-10
2695	625605.67	4265061.25	4.09E-09	1.41E-09	5.49E-09	3.42E-09	1.05E-09	4.47E-09	8.09E-10	2.69E-10	1.08E-09	6.31E-10	1.30E-10	7.61E-10
2696	625609.29	4265070.39	4.09E-09	1.41E-09	5.49E-09	3.42E-09	1.05E-09	4.47E-09	8.09E-10	2.69E-10	1.08E-09	6.31E-10	1.30E-10	7.61E-10
2697	625612.9	4265079.52	4.09E-09	1.41E-09	5.49E-09	3.42E-09	1.05E-09	4.47E-09	8.09E-10	2.69E-10	1.08E-09	6.31E-10	1.30E-10	7.60E-10
2698	625616.52	4265088.66	4.08E-09	1.40E-09	5.49E-09	3.41E-09	1.05E-09	4.46E-09	8.08E-10	2.69E-10	1.08E-09	6.30E-10	1.30E-10	7.60E-10
2699	625620.14	4265097.8	4.08E-09	1.40E-09	5.48E-09	3.41E-09	1.05E-09	4.46E-09	8.08E-10	2.69E-10	1.08E-09	6.30E-10	1.29E-10	7.59E-10
2700	625623.75	4265106.94	4.08E-09	1.40E-09	5.48E-09	3.41E-09	1.05E-09	4.46E-09	8.07E-10	2.68E-10	1.08E-09	6.29E-10	1.29E-10	7.58E-10
2701	625627.37	4265116.08	4.07E-09	1.40E-09	5.47E-09	3.40E-09	1.05E-09	4.45E-09	8.06E-10	2.68E-10	1.07E-09	6.28E-10	1.29E-10	7.57E-10
2702	625630.99	4265125.21	4.07E-09	1.40E-09	5.47E-09	3.40E-09	1.05E-09	4.45E-09	8.05E-10	2.68E-10	1.07E-09	6.28E-10	1.29E-10	7.57E-10
2703	625634.6	4265134.35	4.07E-09	1.40E-09	5.46E-09	3.40E-09	1.05E-09	4.44E-09	8.05E-10	2.68E-10	1.07E-09	6.27E-10	1.29E-10	7.56E-10
2704	625638.22	4265143.49	4.06E-09	1.40E-09	5.46E-09	3.40E-09	1.05E-09	4.44E-09	8.04E-10	2.68E-10	1.07E-09	6.27E-10	1.29E-10	7.56E-10
2705	625641.84	4265152.63	4.06E-09	1.40E-09	5.45E-09	3.39E-09	1.04E-09	4.44E-09	8.03E-10	2.67E-10	1.07E-09	6.26E-10	1.29E-10	7.55E-10
2706	625645.46	4265161.77	4.05E-09	1.39E-09	5.44E-09	3.39E-09	1.04E-09	4.43E-09	8.02E-10	2.67E-10	1.07E-09	6.25E-10	1.29E-10	7.54E-10
2707	625649.07	4265170.9	4.04E-09	1.39E-09	5.44E-09	3.38E-09	1.04E-09	4.42E-09	8.01E-10	2.66E-10	1.07E-09	6.24E-10	1.28E-10	7.52E-10
2708	625652.69	4265180.04	4.04E-09	1.39E-09	5.43E-09	3.37E-09	1.04E-09	4.41E-09	7.99E-10	2.66E-10	1.07E-09	6.23E-10	1.28E-10	7.51E-10
2709	625656.31	4265189.18	4.03E-09	1.39E-09	5.41E-09	3.37E-09	1.04E-09	4.40E-09	7.97E-10	2.65E-10	1.06E-09	6.22E-10	1.28E-10	7.49E-10
2710	625659.92	4265198.32	4.02E-09	1.38E-09	5.40E-09	3.36E-09	1.03E-09	4.39E-09	7.96E-10	2.65E-10	1.06E-09	6.20E-10	1.28E-10	7.48E-10
2711	625663.54	4265207.46	4.01E-09	1.38E-09	5.39E-09	3.35E-09	1.03E-09	4.38E-09	7.94E-10	2.64E-10	1.06E-09	6.19E-10	1.27E-10	7.46E-10
2712	625667.16	4265216.6	4.00E-09	1.38E-09	5.37E-09	3.34E-09	1.03E-09	4.37E-09	7.92E-10	2.64E-10	1.06E-09	6.17E-10	1.27E-10	7.44E-10
2713	625670.77	4265225.73	3.99E-09	1.37E-09	5.36E-09	3.33E-09	1.03E-09	4.36E-09	7.89E-10	2.63E-10	1.05E-09	6.15E-10	1.27E-10	7.42E-10
2714	625674.39	4265234.87	3.98E-09	1.37E-09	5.34E-09	3.32E-09	1.02E-09	4.35E-09	7.87E-10	2.62E-10	1.05E-09	6.14E-10	1.26E-10	7.40E-10
2715	625678.01	4265244.01	3.96E-09	1.36E-09	5.33E-09	3.31E-09	1.02E-09	4.33E-09	7.85E-10	2.61E-10	1.05E-09	6.12E-10	1.26E-10	7.37E-10
2716	625681.62	4265253.15	3.95E-09	1.36E-09	5.31E-09	3.30E-09	1.02E-09	4.32E-09	7.82E-10	2.60E-10	1.04E-09	6.10E-10	1.25E-10	7.35E-10
2717	625685.24	4265262.29	3.94E-09	1.35E-09	5.29E-09	3.29E-09	1.01E-09	4.30E-09	7.79E-10	2.59E-10	1.04E-09	6.07E-10	1.25E-10	7.32E-10
2718	625688.86	4265271.42	3.92E-09	1.35E-09	5.27E-09	3.28E-09	1.01E-09	4.29E-09	7.76E-10	2.58E-10	1.03E-09	6.05E-10	1.24E-10	7.30E-10
2719	625692.47	4265280.56	3.91E-09	1.34E-09	5.25E-09	3.27E-09	1.01E-09	4.27E-09	7.73E-10	2.57E-10	1.03E-09	6.03E-10	1.24E-10	7.27E-10
2720	625696.09	4265289.7	3.89E-09	1.34E-09	5.23E-09	3.25E-09	1.00E-09	4.25E-09	7.70E-10	2.56E-10	1.03E-09	6.00E-10	1.23E-10	7.24E-10
2721	625699.71	4265298.84	3.87E-09	1.33E-09	5.21E-09	3.24E-09	9.98E-10	4.24E-09	7.67E-10	2.55E-10	1.02E-09	5.98E-10	1.23E-10	7.21E-10
2722	625703.33	4265307.98	3.86E-09	1.33E-09	5.18E-09	3.22E-09	9.93E-10	4.22E-09	7.64E-10	2.54E-10	1.02E-09	5.95E-10	1.22E-10	7.18E-10
2723	625706.94	4265317.11	3.84E-09	1.32E-09	5.16E-09	3.21E-09	9.89E-10	4.20E-09	7.60E-10	2.53E-10	1.01E-09	5.92E-10	1.22E-10	7.14E-10
2724	625710.56	4265326.25	3.82E-09	1.31E-09	5.14E-09	3.19E-09	9.84E-10	4.18E-09	7.56E-10	2.52E-10	1.01E-09	5.90E-10	1.21E-10	7.11E-10
2725	625714.18	4265335.39	3.80E-09	1.31E-09	5.11E-09	3.18E-09	9.79E-10	4.16E-09	7.53E-10	2.51E-10	1.00E-09	5.87E-10	1.21E-10	7.07E-10
2726	625717.79	4265344.53	3.78E-09	1.30E-09	5.09E-09	3.16E-09	9.74E-10	4.14E-09	7.49E-10	2.49E-10	9.98E-10	5.84E-10	1.20E-10	7.04E-10
2727	625721.41	4265353.67	3.76E-09	1.29E-09	5.06E-09	3.15E-09	9.69E-10	4.12E-09	7.45E-10	2.48E-10	9.93E-10	5.81E-10	1.19E-10	7.00E-10
2728	625725.03	4265362.8	3.74E-09	1.29E-09	5.03E-09	3.13E-09	9.64E-10	4.09E-09	7.41E-10	2.47E-10	9.88E-10	5.78E-10	1.19E-10	6.97E-10
2729	625728.64	4265371.94	3.73E-09	1.28E-09	5.01E-09	3.11E-09	9.59E-10	4.07E-09	7.37E-10	2.45E-10	9.83E-10	5.75E-10	1.18E-10	6.93E-10
2730	625732.26	4265381.08	3.70E-09	1.27E-09	4.98E-09	3.10E-09	9.54E-10	4.05E-09	7.33E-10	2.44E-10	9.77E-10	5.72E-10	1.18E-10	6.89E-10
2731	625735.88	4265390.22	3.68E-09	1.27E-09	4.95E-09	3.08E-09	9.49E-10	4.03E-09	7.29E-10	2.43E-10	9.72E-10	5.69E-10	1.17E-10	6.85E-10
2732	625739.49	4265399.36	3.66E-09	1.26E-09	4.92E-09	3.06E-09	9.43E-10	4.01E-09	7.25E-10	2.41E-10	9.67E-10	5.65E-10	1.16E-10	6.82E-10
2733	625743.11	4265408.49	3.64E-09	1.25E-09	4.90E-09	3.05E-09	9.38E-10	3.98E-09	7.21E-10	2.40E-10	9.61E-10	5.62E-10	1.16E-10	6.78E-10
2734	625746.73	4265417.63	3.62E-09	1.25E-09	4.87E-09	3.03E-09	9.33E-10	3.96E-09	7.17E-10	2.39E-10	9.56E-10	5.59E-10	1.15E-10	6.74E-10
2735	625750.34	4265426.77	3.60E-09	1.24E-09	4.84E-09	3.01E-09	9.28E-10	3.94E-09	7.13E-10	2.37E-10	9.50E-10	5.56E-10	1.14E-10	6.70E-10
2736	625753.96	4265435.91	3.58E-09	1.23E-09	4.81E-09	2.99E-09	9.22E-10	3.92E-09	7.09E-10	2.36E-10	9.45E-10	5.53E-10	1.14E-10	6.66E-10
2737	625757.58	4265445.05	3.56E-09	1.22E-09	4.79E-09	2.98E-09	9.17E-10	3.89E-09	7.05E-10	2.35E-10	9.40E-10	5.50E-10	1.13E-10	6.63E-10
2738	625761.2	4265454.18	3.54E-09	1.22E-09	4.76E-09	2.96E-09	9.12E-10	3.87E-09	7.01E-10	2.33E-10	9.34E-10	5.46E-10	1.12E-10	6.59E-10
2739	625764.81	4265463.32	3.52E-09	1.21E-09	4.73E-09	2.94E-09	9.06E-10	3.85E-09	6.97E-10	2.32E-10	9.29E-10	5.43E-10	1.12E-10	6.55E-10
2740	625768.43	4265472.46	3.50E-09	1.20E-09	4.70E-09	2.92E-09	9.00E-10	3.82E-09	6.92E-10	2.30E-10	9.23E-10	5.40E-10	1.11E-10	6.51E-10
2741	625772.05	4265481.6	3.47E-09	1.19E-09	4.67E-09	2.90E-09	8.95E-10	3.80E-09	6.88E-10	2.29E-10	9.17E-10	5.36E-10	1.10E-10	6.46E-10
2742	625775.66	4265490.74	3.45E-09	1.19E-09	4.64E-09	2.89E-09	8.89E-10	3.77E-09	6.83E-10	2.27E-10	9.11E-10	5.33E-10	1.10E-10	6.42E-10
2743	625779.28	4265499.87	3.43E-09	1.18E-09	4.61E-09	2.87E-09	8.83E-10	3.75E-09	6.79E-10	2.26E-10	9.05E-10	5.29E-10	1.09E-10	6.38E-10
2744	625782.9	4265509.01	3.41E-09	1.17E-09	4.58E-09	2.85E-09	8.77E-10	3.72E-09	6.74E-10	2.24E-10	8.98E-10	5.25E-10	1.08E-10	6.34E-10
2745	625786.51	4265518.15	3.38E-09	1.16E-09	4.54E-09	2.83E-09	8.70E-10	3.70E-09	6.69E-10	2.23E-10	8.92E-10	5.22E-10	1.07E-10	6.29E-10
2746	625790.13	4265527.29	3.36E-09	1.15E-09	4.51E-09	2.81E-09	8.64E-10	3.67E-09	6.64E-10	2.21E-10	8.85E-10	5.18E-10	1.07E-10	6.24E-10
2747	625793.75	4265536.43	3.33E-09	1.15E-09	4.48E-09	2.78E-09	8.58E-10	3.64E-09	6.59E-10	2.19E-10	8.79E-10	5.14E-10	1.06E-10	6.20E-10
2748	625797.36	4265545.56	3.31E-09	1.14E-09	4.44E-09	2.76E-09	8.51E-10	3.61E-09	6.54E-10	2.18E-10	8.72E-10	5.10E-10	1.05E-10	6.15E-10
2749	625800.98	4265554.7	3.28E-09	1.13E-09	4.41E-09	2.74E-09	8.44E-10	3.59E-09	6.49E-10	2.16E-10	8.65E-10	5.06E-10	1.04E-10	6.10E-10
2750	625804.6	4265563.84	3.25E-09	1.12E-09	4.37E-09	2.72E-09	8.38E-10	3.56E-09	6.44E-10	2.14E-10	8.58E-10	5.02E-10	1.03E-10	6.05E-10
2751	625808.22	4265572.98	3.23E-09	1.11E-09	4.33E-09	2.70E-09	8.30E-10	3.53E-09	6.38E-10	2.13E-10	8.51E-10	4.98E-10	1.02E-10	6.00E-10
2752	625811.83	4265582.12	3.20E-09	1.10E-09	4.30E-09	2.67E-09	8.23E-10	3.50E-09	6.33E-10	2.11E-10	8.44E-10	4.93E-10	1.01E-10	5.95E-10
2753	625815.45	4265591.25	3.17E-09	1.09E-09	4.26E-09	2.65E-09	8.16E-10	3.46E-09	6.27E-10	2.09E-10	8.36E-10	4.89E-10	1.01E-10	5.90E-10
2754	625819.07	4265600.39	3.14E-09	1.08E-09	4.22E-09	2.62E-09	8.08E-10	3.43E-09	6.21E-10	2.07E-10	8.28E-10	4.84E-10	9.96E-11	5.84E-10
2755	625822.68	4265609.53	3.11E-09	1.07E-09	4.18E-09	2.60E-09	8.00E-10	3.40E-09	6.15E-10	2.05E-10	8.20E-10	4.80E-10	9.87E-11	5.78E-10
2756	625826.3	4265618.67	3.08E-09	1.06E-09	4.14E-09	2.57E-09	7.92E-10	3.36E-09	6.09E-10	2.03E-10	8.12E-10	4.75E-10	9.77E-11	5.73E-10

2757	625829.92	4265627.81	3.05E-09	1.05E-09	4.09E-09	2.55E-09	7.84E-10	3.33E-09	6.03E-10	2.01E-10	8.04E-10	4.70E-10	9.67E-11	5.67E-10
2758	625833.53	4265636.94	3.01E-09	1.04E-09	4.05E-09	2.52E-09	7.76E-10	3.29E-09	5.97E-10	1.99E-10	7.95E-10	4.65E-10	9.56E-11	5.61E-10
2759	625837.15	4265646.08	2.98E-09	1.03E-09	4.01E-09	2.49E-09	7.67E-10	3.26E-09	5.90E-10	1.96E-10	7.86E-10	4.60E-10	9.46E-11	5.55E-10
2760	625840.77	4265655.22	2.95E-09	1.01E-09	3.96E-09	2.46E-09	7.59E-10	3.22E-09	5.83E-10	1.94E-10	7.78E-10	4.55E-10	9.35E-11	5.48E-10
2761	625844.38	4265664.36	2.91E-09	1.00E-09	3.92E-09	2.44E-09	7.50E-10	3.19E-09	5.77E-10	1.92E-10	7.69E-10	4.50E-10	9.25E-11	5.42E-10
2762	625848	4265673.5	2.88E-09	9.91E-10	3.87E-09	2.41E-09	7.42E-10	3.15E-09	5.70E-10	1.90E-10	7.60E-10	4.45E-10	9.14E-11	5.36E-10
2763	625851.62	4265682.63	2.85E-09	9.79E-10	3.83E-09	2.38E-09	7.33E-10	3.11E-09	5.64E-10	1.88E-10	7.51E-10	4.39E-10	9.04E-11	5.30E-10
2764	624869.24	4264675.41	4.72E-09	1.62E-09	6.35E-09	3.95E-09	1.22E-09	5.16E-09	9.35E-10	3.11E-10	1.25E-09	7.29E-10	1.50E-10	8.79E-10
2765	624859.33	4264675.27	4.71E-09	1.62E-09	6.32E-09	3.93E-09	1.21E-09	5.14E-09	9.31E-10	3.10E-10	1.24E-09	7.26E-10	1.49E-10	8.75E-10
2766	624849.42	4264675.13	4.69E-09	1.61E-09	6.30E-09	3.92E-09	1.21E-09	5.13E-09	9.28E-10	3.09E-10	1.24E-09	7.24E-10	1.49E-10	8.73E-10
2767	624839.51	4264674.99	4.67E-09	1.61E-09	6.28E-09	3.91E-09	1.20E-09	5.11E-09	9.25E-10	3.08E-10	1.23E-09	7.21E-10	1.48E-10	8.70E-10
2768	624829.6	4264674.86	4.66E-09	1.60E-09	6.26E-09	3.90E-09	1.20E-09	5.10E-09	9.22E-10	3.07E-10	1.23E-09	7.19E-10	1.48E-10	8.67E-10
2769	624819.69	4264674.72	4.65E-09	1.60E-09	6.24E-09	3.88E-09	1.20E-09	5.08E-09	9.20E-10	3.06E-10	1.23E-09	7.17E-10	1.47E-10	8.64E-10
2770	624809.78	4264674.58	4.63E-09	1.59E-09	6.23E-09	3.87E-09	1.19E-09	5.06E-09	9.17E-10	3.05E-10	1.22E-09	7.15E-10	1.47E-10	8.62E-10
2771	624799.87	4264674.44	4.62E-09	1.59E-09	6.21E-09	3.86E-09	1.19E-09	5.05E-09	9.14E-10	3.04E-10	1.22E-09	7.13E-10	1.47E-10	8.59E-10
2772	624789.96	4264674.31	4.61E-09	1.58E-09	6.19E-09	3.85E-09	1.19E-09	5.03E-09	9.12E-10	3.03E-10	1.21E-09	7.11E-10	1.46E-10	8.57E-10
2773	624780.06	4264674.17	4.59E-09	1.58E-09	6.17E-09	3.84E-09	1.18E-09	5.02E-09	9.09E-10	3.03E-10	1.21E-09	7.09E-10	1.46E-10	8.54E-10
2774	624770.15	4264674.03	4.58E-09	1.57E-09	6.15E-09	3.83E-09	1.18E-09	5.01E-09	9.06E-10	3.02E-10	1.21E-09	7.07E-10	1.45E-10	8.52E-10
2775	624760.24	4264673.89	4.57E-09	1.57E-09	6.14E-09	3.82E-09	1.18E-09	4.99E-09	9.04E-10	3.01E-10	1.20E-09	7.05E-10	1.45E-10	8.49E-10
2776	624750.33	4264673.76	4.55E-09	1.57E-09	6.12E-09	3.81E-09	1.17E-09	4.98E-09	9.01E-10	3.00E-10	1.20E-09	7.03E-10	1.44E-10	8.47E-10
2777	624740.42	4264673.62	4.54E-09	1.56E-09	6.10E-09	3.79E-09	1.17E-09	4.96E-09	8.99E-10	2.99E-10	1.20E-09	7.01E-10	1.44E-10	8.45E-10
2778	624730.51	4264673.48	4.53E-09	1.56E-09	6.08E-09	3.78E-09	1.17E-09	4.95E-09	8.96E-10	2.98E-10	1.19E-09	6.99E-10	1.44E-10	8.42E-10
2779	624720.6	4264673.35	4.52E-09	1.55E-09	6.07E-09	3.77E-09	1.16E-09	4.94E-09	8.94E-10	2.97E-10	1.19E-09	6.97E-10	1.43E-10	8.40E-10
2780	624710.69	4264673.21	4.50E-09	1.55E-09	6.05E-09	3.76E-09	1.16E-09	4.92E-09	8.91E-10	2.97E-10	1.19E-09	6.95E-10	1.43E-10	8.38E-10
2781	624700.79	4264673.07	4.49E-09	1.54E-09	6.03E-09	3.75E-09	1.16E-09	4.91E-09	8.88E-10	2.96E-10	1.18E-09	6.93E-10	1.42E-10	8.35E-10
2782	624690.88	4264672.93	4.47E-09	1.54E-09	6.01E-09	3.74E-09	1.15E-09	4.89E-09	8.86E-10	2.95E-10	1.18E-09	6.90E-10	1.42E-10	8.32E-10
2783	624680.97	4264672.8	4.46E-09	1.53E-09	5.99E-09	3.73E-09	1.15E-09	4.88E-09	8.83E-10	2.94E-10	1.18E-09	6.88E-10	1.42E-10	8.30E-10
2784	624671.06	4264672.66	4.44E-09	1.53E-09	5.97E-09	3.71E-09	1.14E-09	4.86E-09	8.79E-10	2.93E-10	1.17E-09	6.86E-10	1.41E-10	8.27E-10
2785	624661.15	4264672.52	4.43E-09	1.52E-09	5.95E-09	3.70E-09	1.14E-09	4.84E-09	8.76E-10	2.92E-10	1.17E-09	6.83E-10	1.40E-10	8.23E-10
2786	624651.24	4264672.38	4.41E-09	1.52E-09	5.92E-09	3.68E-09	1.13E-09	4.82E-09	8.72E-10	2.90E-10	1.16E-09	6.80E-10	1.40E-10	8.20E-10
2787	624641.33	4264672.25	4.39E-09	1.51E-09	5.89E-09	3.67E-09	1.13E-09	4.79E-09	8.68E-10	2.89E-10	1.16E-09	6.77E-10	1.39E-10	8.16E-10
2788	624631.42	4264672.11	4.36E-09	1.50E-09	5.86E-09	3.65E-09	1.12E-09	4.77E-09	8.64E-10	2.87E-10	1.15E-09	6.73E-10	1.38E-10	8.12E-10
2789	624621.52	4264671.97	4.34E-09	1.49E-09	5.83E-09	3.63E-09	1.12E-09	4.74E-09	8.59E-10	2.86E-10	1.14E-09	6.69E-10	1.38E-10	8.07E-10
2790	624611.61	4264671.83	4.31E-09	1.48E-09	5.79E-09	3.60E-09	1.11E-09	4.71E-09	8.53E-10	2.84E-10	1.14E-09	6.65E-10	1.37E-10	8.02E-10
2791	624601.7	4264671.7	4.28E-09	1.47E-09	5.76E-09	3.58E-09	1.10E-09	4.68E-09	8.48E-10	2.82E-10	1.13E-09	6.61E-10	1.36E-10	7.97E-10
2792	624591.79	4264671.56	4.25E-09	1.46E-09	5.71E-09	3.55E-09	1.09E-09	4.65E-09	8.42E-10	2.80E-10	1.12E-09	6.56E-10	1.35E-10	7.91E-10
2793	624581.88	4264671.42	4.22E-09	1.45E-09	5.67E-09	3.53E-09	1.09E-09	4.61E-09	8.36E-10	2.78E-10	1.11E-09	6.51E-10	1.34E-10	7.85E-10
2794	624571.97	4264671.28	4.19E-09	1.44E-09	5.63E-09	3.50E-09	1.08E-09	4.58E-09	8.29E-10	2.76E-10	1.11E-09	6.46E-10	1.33E-10	7.79E-10
2795	624562.06	4264671.15	4.15E-09	1.43E-09	5.58E-09	3.47E-09	1.07E-09	4.54E-09	8.22E-10	2.74E-10	1.10E-09	6.41E-10	1.32E-10	7.73E-10
2796	624552.15	4264671.01	4.12E-09	1.42E-09	5.54E-09	3.44E-09	1.06E-09	4.50E-09	8.15E-10	2.71E-10	1.09E-09	6.36E-10	1.31E-10	7.66E-10
2797	624542.24	4264670.87	4.08E-09	1.40E-09	5.49E-09	3.41E-09	1.05E-09	4.46E-09	8.08E-10	2.69E-10	1.08E-09	6.30E-10	1.30E-10	7.59E-10
2798	624532.34	4264670.73	4.05E-09	1.39E-09	5.44E-09	3.38E-09	1.04E-09	4.42E-09	8.01E-10	2.66E-10	1.07E-09	6.24E-10	1.28E-10	7.53E-10
2799	624522.43	4264670.6	4.01E-09	1.38E-09	5.38E-09	3.35E-09	1.03E-09	4.38E-09	7.93E-10	2.64E-10	1.06E-09	6.18E-10	1.27E-10	7.45E-10
2800	624512.52	4264670.46	3.97E-09	1.36E-09	5.33E-09	3.32E-09	1.02E-09	4.34E-09	7.85E-10	2.61E-10	1.05E-09	6.12E-10	1.26E-10	7.38E-10
2801	624502.61	4264670.32	3.93E-09	1.35E-09	5.28E-09	3.28E-09	1.01E-09	4.29E-09	7.78E-10	2.59E-10	1.04E-09	6.06E-10	1.25E-10	7.31E-10
2802	624492.7	4264670.18	3.89E-09	1.34E-09	5.23E-09	3.25E-09	1.00E-09	4.25E-09	7.70E-10	2.56E-10	1.03E-09	6.00E-10	1.23E-10	7.23E-10
2803	624482.79	4264670.05	3.85E-09	1.32E-09	5.17E-09	3.22E-09	9.91E-10	4.21E-09	7.62E-10	2.54E-10	1.02E-09	5.94E-10	1.22E-10	7.16E-10
2804	624472.88	4264669.91	3.81E-09	1.31E-09	5.12E-09	3.18E-09	9.80E-10	4.16E-09	7.54E-10	2.51E-10	1.00E-09	5.88E-10	1.21E-10	7.08E-10
2805	624462.97	4264669.77	3.77E-09	1.30E-09	5.07E-09	3.15E-09	9.71E-10	4.12E-09	7.46E-10	2.48E-10	9.95E-10	5.82E-10	1.20E-10	7.01E-10
2806	624453.07	4264669.64	3.73E-09	1.28E-09	5.02E-09	3.12E-09	9.61E-10	4.08E-09	7.39E-10	2.46E-10	9.85E-10	5.76E-10	1.18E-10	6.94E-10
2807	624443.16	4264669.5	3.70E-09	1.27E-09	4.97E-09	3.09E-09	9.52E-10	4.04E-09	7.32E-10	2.44E-10	9.75E-10	5.70E-10	1.17E-10	6.88E-10
2808	624433.25	4264669.36	3.66E-09	1.26E-09	4.92E-09	3.06E-09	9.42E-10	4.00E-09	7.24E-10	2.41E-10	9.66E-10	5.65E-10	1.16E-10	6.81E-10
2809	624423.34	4264669.22	3.62E-09	1.25E-09	4.87E-09	3.03E-09	9.33E-10	3.96E-09	7.17E-10	2.39E-10	9.56E-10	5.59E-10	1.15E-10	6.74E-10
2810	624413.43	4264669.09	3.59E-09	1.23E-09	4.82E-09	3.00E-09	9.24E-10	3.93E-09	7.11E-10	2.37E-10	9.47E-10	5.54E-10	1.14E-10	6.68E-10
2811	624403.52	4264668.95	3.56E-09	1.22E-09	4.78E-09	2.97E-09	9.16E-10	3.89E-09	7.04E-10	2.34E-10	9.38E-10	5.49E-10	1.13E-10	6.62E-10
2812	624393.61	4264668.81	3.52E-09	1.21E-09	4.73E-09	2.94E-09	9.07E-10	3.85E-09	6.97E-10	2.32E-10	9.29E-10	5.44E-10	1.12E-10	6.55E-10
2813	624383.7	4264668.67	3.49E-09	1.20E-09	4.69E-09	2.92E-09	8.99E-10	3.82E-09	6.91E-10	2.30E-10	9.21E-10	5.39E-10	1.11E-10	6.49E-10
2814	624373.8	4264668.54	3.46E-09	1.19E-09	4.65E-09	2.89E-09	8.90E-10	3.78E-09	6.85E-10	2.28E-10	9.12E-10	5.34E-10	1.10E-10	6.43E-10
2815	624879.62	4264579.3	4.13E-09	1.42E-09	5.55E-09	3.45E-09	1.06E-09	4.52E-09	8.18E-10	2.72E-10	1.09E-09	6.38E-10	1.31E-10	7.69E-10
2816	624888.63	4264583.18	4.17E-09	1.43E-09	5.60E-09	3.48E-09	1.07E-09	4.55E-09	8.24E-10	2.74E-10	1.10E-09	6.43E-10	1.32E-10	7.75E-10
2817	624897.63	4264587.07	4.20E-09	1.44E-09	5.64E-09	3.51E-09	1.08E-09	4.59E-09	8.31E-10	2.77E-10	1.11E-09	6.48E-10	1.33E-10	7.81E-10
2818	624906.63	4264590.95	4.24E-09	1.46E-09	5.69E-09	3.54E-09	1.09E-09	4.63E-09	8.38E-10	2.79E-10	1.12E-09	6.54E-10	1.34E-10	7.88E-10
2819	624915.64	4264594.83	4.27E-09	1.47E-09	5.74E-09	3.57E-09	1.10E-09	4.67E-09	8.46E-10	2.81E-10	1.13E-09	6.59E-10	1.36E-10	7.95E-10
2820	624924.64	4264598.72	4.31E-09	1.48E-09	5.79E-09	3.60E-09	1.11E-09	4.71E-09	8.53E-10	2.84E-10	1.14E-09	6.65E-10	1.37E-10	8.02E-10
2821	624933.64	4264602.6	4.35E-09	1.49E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.60E-10	2.86E-10	1.15E-09	6.71E-10	1.38E-10	8.09E-10
2822	624942.65	4264606.48	4.39E-09	1.51E-09	5.89E-09	3.67E-09	1.13E-09	4.79E-09	8.68E-10	2.89E-10	1.16E-09	6.77E-10	1.39E-10	8.16E-10
2823	624951.65	4264610.37	4.42E-09	1.52E-09	5.95E-09	3.70E-09	1.14E-09	4.84E-09	8.76E-10	2.92E-10	1.17E-09	6.83E-10	1.40E-10	8.23E-10
2824	624960.65	4264614.25	4.46E-09	1.54E-09	6.00E-09	3.73E-09	1.15E-09	4.88E-09	8.84E-10	2.94E-10	1.18E-09	6.89E-10	1.42E-10	8.31E-10
2825	624969.66	4264618.13	4.51E-09	1.55E-09	6.06E-09	3.77E-09	1.16E-09	4.93E-09	8.92E-10	2.97E-10	1.19E-09	6.95E-10	1.43E-10	8.38E-10

2826	624978.66	4264622.01	4.55E-09	1.56E-09	6.11E-09	3.80E-09	1.17E-09	4.97E-09	9.00E-10	3.00E-10	1.20E-09	7.02E-10	1.44E-10	8.46E-10
2827	624987.66	4264625.9	4.59E-09	1.58E-09	6.17E-09	3.84E-09	1.18E-09	5.02E-09	9.09E-10	3.02E-10	1.21E-09	7.08E-10	1.46E-10	8.54E-10
2828	624996.67	4264629.78	4.63E-09	1.59E-09	6.23E-09	3.87E-09	1.19E-09	5.07E-09	9.17E-10	3.05E-10	1.22E-09	7.15E-10	1.47E-10	8.62E-10
2829	625005.67	4264633.66	4.68E-09	1.61E-09	6.29E-09	3.91E-09	1.20E-09	5.11E-09	9.26E-10	3.08E-10	1.23E-09	7.22E-10	1.48E-10	8.70E-10
2830	625014.67	4264637.55	4.72E-09	1.62E-09	6.35E-09	3.95E-09	1.22E-09	5.16E-09	9.35E-10	3.11E-10	1.25E-09	7.29E-10	1.50E-10	8.79E-10
2831	625023.68	4264641.43	4.77E-09	1.64E-09	6.41E-09	3.99E-09	1.23E-09	5.21E-09	9.44E-10	3.14E-10	1.26E-09	7.36E-10	1.51E-10	8.87E-10
2832	625032.68	4264645.31	4.81E-09	1.66E-09	6.47E-09	4.02E-09	1.24E-09	5.26E-09	9.53E-10	3.17E-10	1.27E-09	7.43E-10	1.53E-10	8.96E-10
2833	625041.68	4264649.2	4.86E-09	1.67E-09	6.53E-09	4.06E-09	1.25E-09	5.31E-09	9.62E-10	3.20E-10	1.28E-09	7.50E-10	1.54E-10	9.04E-10
2834	625050.68	4264653.08	4.91E-09	1.69E-09	6.59E-09	4.10E-09	1.26E-09	5.36E-09	9.71E-10	3.23E-10	1.29E-09	7.57E-10	1.56E-10	9.13E-10
2835	625059.69	4264656.96	4.95E-09	1.70E-09	6.65E-09	4.14E-09	1.27E-09	5.41E-09	9.80E-10	3.26E-10	1.31E-09	7.64E-10	1.57E-10	9.21E-10
2836	625068.69	4264660.85	5.00E-09	1.72E-09	6.71E-09	4.18E-09	1.29E-09	5.46E-09	9.89E-10	3.29E-10	1.32E-09	7.71E-10	1.59E-10	9.29E-10
2837	625077.69	4264664.73	5.04E-09	1.73E-09	6.77E-09	4.21E-09	1.30E-09	5.51E-09	9.98E-10	3.32E-10	1.33E-09	7.78E-10	1.60E-10	9.38E-10
2838	625086.7	4264668.61	5.08E-09	1.75E-09	6.83E-09	4.25E-09	1.31E-09	5.56E-09	1.01E-09	3.35E-10	1.34E-09	7.84E-10	1.61E-10	9.46E-10
2839	625095.7	4264672.5	5.13E-09	1.76E-09	6.89E-09	4.29E-09	1.32E-09	5.60E-09	1.01E-09	3.38E-10	1.35E-09	7.91E-10	1.63E-10	9.54E-10
2840	625104.7	4264676.38	5.17E-09	1.78E-09	6.94E-09	4.32E-09	1.33E-09	5.65E-09	1.02E-09	3.40E-10	1.36E-09	7.97E-10	1.64E-10	9.61E-10
2841	625113.71	4264680.26	5.21E-09	1.79E-09	7.00E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.03E-10	1.65E-10	9.69E-10
2842	625122.71	4264684.15	5.24E-09	1.80E-09	7.05E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.46E-10	1.38E-09	8.09E-10	1.66E-10	9.76E-10
2843	625131.71	4264688.03	5.28E-09	1.82E-09	7.09E-09	4.41E-09	1.36E-09	5.77E-09	1.04E-09	3.48E-10	1.39E-09	8.15E-10	1.68E-10	9.82E-10
2844	625140.72	4264691.91	5.31E-09	1.83E-09	7.14E-09	4.44E-09	1.37E-09	5.81E-09	1.05E-09	3.50E-10	1.40E-09	8.20E-10	1.69E-10	9.88E-10
2845	625149.72	4264695.8	5.34E-09	1.84E-09	7.18E-09	4.46E-09	1.38E-09	5.84E-09	1.06E-09	3.52E-10	1.41E-09	8.24E-10	1.70E-10	9.94E-10
2846	625158.72	4264699.68	5.37E-09	1.85E-09	7.21E-09	4.49E-09	1.38E-09	5.87E-09	1.06E-09	3.54E-10	1.42E-09	8.28E-10	1.70E-10	9.99E-10
2847	625167.73	4264703.56	5.39E-09	1.85E-09	7.25E-09	4.51E-09	1.39E-09	5.90E-09	1.07E-09	3.55E-10	1.42E-09	8.32E-10	1.71E-10	1.00E-09
2848	625176.73	4264707.45	5.41E-09	1.86E-09	7.27E-09	4.52E-09	1.39E-09	5.92E-09	1.07E-09	3.57E-10	1.43E-09	8.35E-10	1.72E-10	1.01E-09
2849	625185.73	4264711.33	5.43E-09	1.87E-09	7.30E-09	4.54E-09	1.40E-09	5.94E-09	1.07E-09	3.58E-10	1.43E-09	8.38E-10	1.72E-10	1.01E-09
2850	625194.73	4264715.21	5.44E-09	1.87E-09	7.32E-09	4.55E-09	1.40E-09	5.95E-09	1.08E-09	3.59E-10	1.44E-09	8.40E-10	1.73E-10	1.01E-09
2851	625203.74	4264719.1	5.45E-09	1.88E-09	7.33E-09	4.56E-09	1.40E-09	5.96E-09	1.08E-09	3.59E-10	1.44E-09	8.42E-10	1.73E-10	1.01E-09
2852	625212.74	4264722.98	5.46E-09	1.88E-09	7.34E-09	4.57E-09	1.41E-09	5.97E-09	1.08E-09	3.60E-10	1.44E-09	8.43E-10	1.73E-10	1.02E-09
2853	625221.74	4264726.86	5.47E-09	1.88E-09	7.35E-09	4.57E-09	1.41E-09	5.98E-09	1.08E-09	3.60E-10	1.44E-09	8.44E-10	1.74E-10	1.02E-09
2854	625230.75	4264730.75	5.47E-09	1.88E-09	7.35E-09	4.57E-09	1.41E-09	5.98E-09	1.08E-09	3.60E-10	1.44E-09	8.44E-10	1.74E-10	1.02E-09
2855	625239.75	4264734.63	5.47E-09	1.88E-09	7.35E-09	4.57E-09	1.41E-09	5.98E-09	1.08E-09	3.60E-10	1.44E-09	8.43E-10	1.73E-10	1.02E-09
2856	625248.75	4264738.51	5.46E-09	1.88E-09	7.34E-09	4.56E-09	1.41E-09	5.97E-09	1.08E-09	3.60E-10	1.44E-09	8.42E-10	1.73E-10	1.02E-09
2857	625257.76	4264742.4	5.45E-09	1.87E-09	7.32E-09	4.55E-09	1.40E-09	5.96E-09	1.08E-09	3.59E-10	1.44E-09	8.41E-10	1.73E-10	1.01E-09
2858	625266.76	4264746.28	5.44E-09	1.87E-09	7.30E-09	4.54E-09	1.40E-09	5.94E-09	1.08E-09	3.58E-10	1.43E-09	8.39E-10	1.73E-10	1.01E-09
2859	625275.76	4264750.16	5.42E-09	1.86E-09	7.28E-09	4.53E-09	1.40E-09	5.93E-09	1.07E-09	3.57E-10	1.43E-09	8.36E-10	1.72E-10	1.01E-09
2860	625284.77	4264754.05	5.40E-09	1.86E-09	7.26E-09	4.51E-09	1.39E-09	5.90E-09	1.07E-09	3.56E-10	1.42E-09	8.33E-10	1.71E-10	1.00E-09
2861	625293.77	4264757.93	5.38E-09	1.85E-09	7.23E-09	4.49E-09	1.38E-09	5.88E-09	1.06E-09	3.54E-10	1.42E-09	8.30E-10	1.71E-10	1.00E-09
2862	625302.77	4264761.81	5.35E-09	1.84E-09	7.19E-09	4.47E-09	1.38E-09	5.85E-09	1.06E-09	3.53E-10	1.41E-09	8.26E-10	1.70E-10	9.96E-10
2863	625311.78	4264765.7	5.32E-09	1.83E-09	7.15E-09	4.45E-09	1.37E-09	5.82E-09	1.05E-09	3.51E-10	1.40E-09	8.21E-10	1.69E-10	9.90E-10
2864	625320.78	4264769.58	5.29E-09	1.82E-09	7.11E-09	4.42E-09	1.36E-09	5.79E-09	1.05E-09	3.49E-10	1.40E-09	8.17E-10	1.68E-10	9.85E-10
2865	625329.78	4264773.46	5.26E-09	1.81E-09	7.07E-09	4.39E-09	1.35E-09	5.75E-09	1.04E-09	3.46E-10	1.39E-09	8.11E-10	1.67E-10	9.78E-10
2866	625338.79	4264777.35	5.22E-09	1.80E-09	7.02E-09	4.36E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.71E-10
2867	625347.79	4264781.23	5.18E-09	1.78E-09	6.96E-09	4.33E-09	1.33E-09	5.67E-09	1.03E-09	3.41E-10	1.37E-09	8.00E-10	1.64E-10	9.64E-10
2868	625356.79	4264785.11	5.14E-09	1.77E-09	6.91E-09	4.30E-09	1.32E-09	5.62E-09	1.02E-09	3.39E-10	1.36E-09	7.93E-10	1.63E-10	9.56E-10
2869	625365.79	4264789	5.10E-09	1.75E-09	6.85E-09	4.26E-09	1.31E-09	5.57E-09	1.01E-09	3.36E-10	1.34E-09	7.86E-10	1.62E-10	9.48E-10
2870	625374.8	4264792.88	5.05E-09	1.74E-09	6.79E-09	4.22E-09	1.30E-09	5.52E-09	1.00E-09	3.33E-10	1.33E-09	7.79E-10	1.60E-10	9.40E-10
2871	625383.8	4264796.76	5.00E-09	1.72E-09	6.72E-09	4.18E-09	1.29E-09	5.47E-09	9.90E-10	3.29E-10	1.32E-09	7.72E-10	1.59E-10	9.30E-10
2872	625392.8	4264800.64	4.95E-09	1.70E-09	6.65E-09	4.14E-09	1.27E-09	5.41E-09	9.80E-10	3.26E-10	1.31E-09	7.64E-10	1.57E-10	9.21E-10
2873	625401.81	4264804.53	4.90E-09	1.68E-09	6.58E-09	4.10E-09	1.26E-09	5.36E-09	9.70E-10	3.23E-10	1.29E-09	7.56E-10	1.56E-10	9.12E-10
2874	625410.81	4264808.41	4.85E-09	1.67E-09	6.51E-09	4.05E-09	1.25E-09	5.30E-09	9.60E-10	3.19E-10	1.28E-09	7.48E-10	1.54E-10	9.02E-10
2875	625419.81	4264812.29	4.79E-09	1.65E-09	6.44E-09	4.01E-09	1.23E-09	5.24E-09	9.49E-10	3.16E-10	1.26E-09	7.40E-10	1.52E-10	8.92E-10
2876	625428.82	4264816.18	4.74E-09	1.63E-09	6.37E-09	3.96E-09	1.22E-09	5.18E-09	9.38E-10	3.12E-10	1.25E-09	7.31E-10	1.50E-10	8.81E-10
2877	625437.82	4264820.06	4.68E-09	1.61E-09	6.29E-09	3.91E-09	1.21E-09	5.12E-09	9.27E-10	3.08E-10	1.23E-09	7.22E-10	1.49E-10	8.71E-10
2878	625446.82	4264823.94	4.63E-09	1.59E-09	6.22E-09	3.87E-09	1.19E-09	5.06E-09	9.16E-10	3.05E-10	1.22E-09	7.14E-10	1.47E-10	8.61E-10
2879	625455.83	4264827.83	4.57E-09	1.57E-09	6.14E-09	3.82E-09	1.18E-09	5.00E-09	9.05E-10	3.01E-10	1.21E-09	7.05E-10	1.45E-10	8.50E-10
2880	625464.83	4264831.71	4.52E-09	1.55E-09	6.07E-09	3.78E-09	1.16E-09	4.94E-09	8.94E-10	2.98E-10	1.19E-09	6.97E-10	1.43E-10	8.40E-10
2881	625473.83	4264835.59	4.46E-09	1.53E-09	5.99E-09	3.73E-09	1.15E-09	4.88E-09	8.83E-10	2.94E-10	1.18E-09	6.88E-10	1.42E-10	8.30E-10
2882	625482.84	4264839.48	4.40E-09	1.51E-09	5.92E-09	3.68E-09	1.13E-09	4.81E-09	8.71E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.19E-10
2883	625491.84	4264843.36	4.35E-09	1.49E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.60E-10	2.86E-10	1.15E-09	6.71E-10	1.38E-10	8.09E-10
2884	625500.84	4264847.24	4.29E-09	1.48E-09	5.77E-09	3.59E-09	1.11E-09	4.69E-09	8.50E-10	2.83E-10	1.13E-09	6.62E-10	1.36E-10	7.99E-10
2885	625509.85	4264851.13	4.24E-09	1.46E-09	5.70E-09	3.54E-09	1.09E-09	4.64E-09	8.39E-10	2.79E-10	1.12E-09	6.54E-10	1.35E-10	7.89E-10
2886	625518.85	4264855.01	4.19E-09	1.44E-09	5.63E-09	3.50E-09	1.08E-09	4.58E-09	8.29E-10	2.76E-10	1.11E-09	6.46E-10	1.33E-10	7.79E-10
2887	625527.85	4264858.89	4.14E-09	1.42E-09	5.56E-09	3.46E-09	1.07E-09	4.53E-09	8.19E-10	2.73E-10	1.09E-09	6.39E-10	1.31E-10	7.70E-10
2888	625536.85	4264862.78	4.09E-09	1.41E-09	5.49E-09	3.42E-09	1.05E-09	4.47E-09	8.09E-10	2.69E-10	1.08E-09	6.31E-10	1.30E-10	7.61E-10
2889	625545.86	4264866.66	4.04E-09	1.39E-09	5.43E-09	3.38E-09	1.04E-09	4.42E-09	7.99E-10	2.66E-10	1.07E-09	6.23E-10	1.28E-10	7.51E-10
2890	625554.86	4264870.54	3.99E-09	1.37E-09	5.36E-09	3.34E-09	1.03E-09	4.36E-09	7.90E-10	2.63E-10	1.05E-09	6.16E-10	1.27E-10	7.42E-10
2891	625563.86	4264874.43	3.94E-09	1.36E-09	5.30E-09	3.30E-09	1.02E-09	4.31E-09	7.81E-10	2.60E-10	1.04E-09	6.09E-10	1.25E-10	7.34E-10
2892	625572.87	4264878.31	3.90E-09	1.34E-09	5.24E-09	3.26E-09	1.00E-09	4.27E-09	7.72E-10	2.57E-10	1.03E-09	6.02E-10	1.24E-10	7.26E-10
2893	625581.87	4264882.19	3.86E-09	1.33E-09	5.19E-09	3.23E-09	9.94E-10	4.22E-09	7.64E-10	2.54E-10	1.02E-09	5.96E-10	1.22E-10	7.18E-10
2894	625590.87	4264886.08	3.82E-09	1.31E-09	5.13E-09	3.19E-09	9.83E-10	4.18E-09	7.56E-10	2.52E-10	1.01E-09	5.89E-10	1.21E-10	7.11E-10

2895	625599.88	4264889.96	3.78E-09	1.30E-09	5.08E-09	3.16E-09	9.73E-10	4.13E-09	7.48E-10	2.49E-10	9.97E-10	5.83E-10	1.20E-10	7.03E-10
2896	625608.88	4264893.84	3.74E-09	1.29E-09	5.03E-09	3.13E-09	9.64E-10	4.09E-09	7.41E-10	2.47E-10	9.88E-10	5.78E-10	1.19E-10	6.96E-10
2897	625617.88	4264897.73	3.71E-09	1.27E-09	4.98E-09	3.10E-09	9.54E-10	4.05E-09	7.34E-10	2.44E-10	9.78E-10	5.72E-10	1.18E-10	6.90E-10
2898	625626.89	4264901.61	3.67E-09	1.26E-09	4.94E-09	3.07E-09	9.45E-10	4.02E-09	7.27E-10	2.42E-10	9.69E-10	5.67E-10	1.17E-10	6.83E-10
2899	625635.89	4264905.49	3.64E-09	1.25E-09	4.89E-09	3.04E-09	9.37E-10	3.98E-09	7.20E-10	2.40E-10	9.60E-10	5.62E-10	1.15E-10	6.77E-10
2900	625648.5	4264918.49	3.61E-09	1.24E-09	4.85E-09	3.02E-09	9.29E-10	3.94E-09	7.14E-10	2.38E-10	9.52E-10	5.57E-10	1.15E-10	6.71E-10
2901	625652.11	4264927.61	3.61E-09	1.24E-09	4.85E-09	3.02E-09	9.29E-10	3.95E-09	7.14E-10	2.38E-10	9.52E-10	5.57E-10	1.15E-10	6.71E-10
2902	625655.72	4264936.73	3.61E-09	1.24E-09	4.85E-09	3.02E-09	9.29E-10	3.95E-09	7.15E-10	2.38E-10	9.52E-10	5.57E-10	1.15E-10	6.72E-10
2903	625659.33	4264945.84	3.61E-09	1.24E-09	4.85E-09	3.02E-09	9.30E-10	3.95E-09	7.15E-10	2.38E-10	9.53E-10	5.57E-10	1.15E-10	6.72E-10
2904	625662.93	4264954.96	3.61E-09	1.24E-09	4.86E-09	3.02E-09	9.30E-10	3.95E-09	7.15E-10	2.38E-10	9.53E-10	5.58E-10	1.15E-10	6.72E-10
2905	625666.54	4264964.08	3.62E-09	1.24E-09	4.86E-09	3.02E-09	9.31E-10	3.95E-09	7.16E-10	2.38E-10	9.54E-10	5.58E-10	1.15E-10	6.73E-10
2906	625670.15	4264973.19	3.62E-09	1.24E-09	4.86E-09	3.02E-09	9.31E-10	3.95E-09	7.16E-10	2.38E-10	9.54E-10	5.58E-10	1.15E-10	6.73E-10
2907	625673.76	4264982.31	3.62E-09	1.24E-09	4.86E-09	3.02E-09	9.32E-10	3.96E-09	7.16E-10	2.38E-10	9.55E-10	5.58E-10	1.15E-10	6.73E-10
2908	625677.37	4264991.43	3.62E-09	1.24E-09	4.86E-09	3.03E-09	9.32E-10	3.96E-09	7.16E-10	2.38E-10	9.55E-10	5.59E-10	1.15E-10	6.73E-10
2909	625680.98	4265000.54	3.62E-09	1.25E-09	4.87E-09	3.03E-09	9.32E-10	3.96E-09	7.17E-10	2.39E-10	9.55E-10	5.59E-10	1.15E-10	6.74E-10
2910	625684.59	4265009.66	3.62E-09	1.25E-09	4.87E-09	3.03E-09	9.33E-10	3.96E-09	7.17E-10	2.39E-10	9.56E-10	5.59E-10	1.15E-10	6.74E-10
2911	625688.19	4265018.78	3.62E-09	1.25E-09	4.87E-09	3.03E-09	9.33E-10	3.96E-09	7.17E-10	2.39E-10	9.56E-10	5.59E-10	1.15E-10	6.74E-10
2912	625691.8	4265027.89	3.62E-09	1.25E-09	4.87E-09	3.03E-09	9.33E-10	3.96E-09	7.17E-10	2.39E-10	9.56E-10	5.59E-10	1.15E-10	6.74E-10
2913	625695.41	4265037.01	3.62E-09	1.25E-09	4.87E-09	3.03E-09	9.33E-10	3.96E-09	7.17E-10	2.39E-10	9.56E-10	5.59E-10	1.15E-10	6.74E-10
2914	625699.02	4265046.13	3.62E-09	1.25E-09	4.87E-09	3.03E-09	9.32E-10	3.96E-09	7.17E-10	2.39E-10	9.55E-10	5.59E-10	1.15E-10	6.74E-10
2915	625702.63	4265055.24	3.62E-09	1.24E-09	4.87E-09	3.03E-09	9.32E-10	3.96E-09	7.17E-10	2.39E-10	9.55E-10	5.59E-10	1.15E-10	6.74E-10
2916	625706.24	4265064.36	3.62E-09	1.24E-09	4.86E-09	3.02E-09	9.31E-10	3.96E-09	7.16E-10	2.38E-10	9.54E-10	5.58E-10	1.15E-10	6.73E-10
2917	625709.84	4265073.48	3.62E-09	1.24E-09	4.86E-09	3.02E-09	9.31E-10	3.95E-09	7.16E-10	2.38E-10	9.54E-10	5.58E-10	1.15E-10	6.73E-10
2918	625713.45	4265082.59	3.61E-09	1.24E-09	4.85E-09	3.02E-09	9.30E-10	3.95E-09	7.15E-10	2.38E-10	9.53E-10	5.57E-10	1.15E-10	6.72E-10
2919	625717.06	4265091.71	3.61E-09	1.24E-09	4.85E-09	3.02E-09	9.29E-10	3.95E-09	7.14E-10	2.38E-10	9.52E-10	5.57E-10	1.15E-10	6.71E-10
2920	625720.67	4265100.83	3.60E-09	1.24E-09	4.84E-09	3.01E-09	9.28E-10	3.94E-09	7.13E-10	2.37E-10	9.51E-10	5.56E-10	1.14E-10	6.70E-10
2921	625724.28	4265109.95	3.60E-09	1.24E-09	4.84E-09	3.01E-09	9.27E-10	3.93E-09	7.12E-10	2.37E-10	9.49E-10	5.55E-10	1.14E-10	6.70E-10
2922	625727.89	4265119.06	3.59E-09	1.24E-09	4.83E-09	3.00E-09	9.25E-10	3.93E-09	7.11E-10	2.37E-10	9.48E-10	5.54E-10	1.14E-10	6.68E-10
2923	625731.5	4265128.18	3.59E-09	1.23E-09	4.82E-09	3.00E-09	9.23E-10	3.92E-09	7.10E-10	2.36E-10	9.46E-10	5.53E-10	1.14E-10	6.67E-10
2924	625735.1	4265137.3	3.58E-09	1.23E-09	4.81E-09	2.99E-09	9.22E-10	3.91E-09	7.09E-10	2.36E-10	9.44E-10	5.52E-10	1.14E-10	6.66E-10
2925	625738.71	4265146.41	3.57E-09	1.23E-09	4.80E-09	2.99E-09	9.20E-10	3.91E-09	7.07E-10	2.35E-10	9.42E-10	5.51E-10	1.13E-10	6.65E-10
2926	625742.32	4265155.53	3.56E-09	1.23E-09	4.79E-09	2.98E-09	9.17E-10	3.90E-09	7.05E-10	2.35E-10	9.40E-10	5.50E-10	1.13E-10	6.63E-10
2927	625745.93	4265164.65	3.55E-09	1.22E-09	4.78E-09	2.97E-09	9.15E-10	3.89E-09	7.04E-10	2.34E-10	9.38E-10	5.49E-10	1.13E-10	6.61E-10
2928	625749.54	4265173.76	3.55E-09	1.22E-09	4.76E-09	2.96E-09	9.13E-10	3.88E-09	7.02E-10	2.34E-10	9.35E-10	5.47E-10	1.13E-10	6.60E-10
2929	625753.15	4265182.88	3.54E-09	1.22E-09	4.75E-09	2.96E-09	9.10E-10	3.87E-09	7.00E-10	2.33E-10	9.33E-10	5.46E-10	1.12E-10	6.58E-10
2930	625756.76	4265192	3.52E-09	1.21E-09	4.74E-09	2.95E-09	9.08E-10	3.85E-09	6.98E-10	2.32E-10	9.30E-10	5.44E-10	1.12E-10	6.56E-10
2931	625760.36	4265201.11	3.51E-09	1.21E-09	4.72E-09	2.94E-09	9.05E-10	3.84E-09	6.96E-10	2.32E-10	9.27E-10	5.42E-10	1.12E-10	6.54E-10
2932	625763.97	4265210.23	3.50E-09	1.20E-09	4.71E-09	2.93E-09	9.02E-10	3.83E-09	6.93E-10	2.31E-10	9.24E-10	5.40E-10	1.11E-10	6.52E-10
2933	625767.58	4265219.35	3.49E-09	1.20E-09	4.69E-09	2.92E-09	8.99E-10	3.82E-09	6.91E-10	2.30E-10	9.21E-10	5.39E-10	1.11E-10	6.49E-10
2934	625771.19	4265228.46	3.48E-09	1.20E-09	4.67E-09	2.91E-09	8.95E-10	3.80E-09	6.88E-10	2.29E-10	9.17E-10	5.37E-10	1.10E-10	6.47E-10
2935	625774.8	4265237.58	3.46E-09	1.19E-09	4.66E-09	2.90E-09	8.92E-10	3.79E-09	6.86E-10	2.28E-10	9.14E-10	5.35E-10	1.10E-10	6.45E-10
2936	625778.41	4265246.7	3.45E-09	1.19E-09	4.64E-09	2.89E-09	8.89E-10	3.78E-09	6.83E-10	2.28E-10	9.11E-10	5.33E-10	1.10E-10	6.42E-10
2937	625782.01	4265255.81	3.44E-09	1.18E-09	4.62E-09	2.87E-09	8.86E-10	3.76E-09	6.81E-10	2.27E-10	9.07E-10	5.31E-10	1.09E-10	6.40E-10
2938	625785.62	4265264.93	3.42E-09	1.18E-09	4.60E-09	2.86E-09	8.82E-10	3.74E-09	6.78E-10	2.26E-10	9.04E-10	5.28E-10	1.09E-10	6.37E-10
2939	625789.23	4265274.05	3.41E-09	1.17E-09	4.58E-09	2.85E-09	8.78E-10	3.73E-09	6.75E-10	2.25E-10	8.99E-10	5.26E-10	1.08E-10	6.34E-10
2940	625792.84	4265283.16	3.39E-09	1.17E-09	4.56E-09	2.84E-09	8.73E-10	3.71E-09	6.71E-10	2.23E-10	8.95E-10	5.23E-10	1.08E-10	6.31E-10
2941	625796.45	4265292.28	3.38E-09	1.16E-09	4.54E-09	2.82E-09	8.69E-10	3.69E-09	6.68E-10	2.22E-10	8.91E-10	5.21E-10	1.07E-10	6.28E-10
2942	625800.06	4265301.4	3.36E-09	1.16E-09	4.52E-09	2.81E-09	8.65E-10	3.68E-09	6.65E-10	2.21E-10	8.87E-10	5.19E-10	1.07E-10	6.25E-10
2943	625803.67	4265310.51	3.35E-09	1.15E-09	4.50E-09	2.80E-09	8.62E-10	3.66E-09	6.63E-10	2.21E-10	8.83E-10	5.16E-10	1.06E-10	6.23E-10
2944	625807.27	4265319.63	3.33E-09	1.15E-09	4.48E-09	2.78E-09	8.58E-10	3.64E-09	6.59E-10	2.20E-10	8.79E-10	5.14E-10	1.06E-10	6.20E-10
2945	625810.88	4265328.75	3.31E-09	1.14E-09	4.45E-09	2.77E-09	8.53E-10	3.62E-09	6.56E-10	2.18E-10	8.74E-10	5.11E-10	1.05E-10	6.17E-10
2946	625814.49	4265337.86	3.30E-09	1.13E-09	4.43E-09	2.75E-09	8.49E-10	3.60E-09	6.52E-10	2.17E-10	8.70E-10	5.09E-10	1.05E-10	6.13E-10
2947	625818.1	4265346.98	3.28E-09	1.13E-09	4.41E-09	2.74E-09	8.44E-10	3.58E-09	6.49E-10	2.16E-10	8.65E-10	5.06E-10	1.04E-10	6.10E-10
2948	625821.71	4265356.1	3.26E-09	1.12E-09	4.38E-09	2.73E-09	8.40E-10	3.57E-09	6.45E-10	2.15E-10	8.60E-10	5.03E-10	1.03E-10	6.07E-10
2949	625825.32	4265365.21	3.24E-09	1.12E-09	4.36E-09	2.71E-09	8.35E-10	3.55E-09	6.42E-10	2.14E-10	8.56E-10	5.01E-10	1.03E-10	6.04E-10
2950	625828.92	4265374.33	3.23E-09	1.11E-09	4.34E-09	2.70E-09	8.31E-10	3.53E-09	6.39E-10	2.13E-10	8.52E-10	4.98E-10	1.02E-10	6.00E-10
2951	625832.53	4265383.45	3.21E-09	1.10E-09	4.32E-09	2.68E-09	8.27E-10	3.51E-09	6.36E-10	2.12E-10	8.47E-10	4.96E-10	1.02E-10	5.97E-10
2952	625836.14	4265392.56	3.19E-09	1.10E-09	4.29E-09	2.67E-09	8.22E-10	3.49E-09	6.32E-10	2.10E-10	8.43E-10	4.93E-10	1.01E-10	5.94E-10
2953	625839.75	4265401.68	3.18E-09	1.09E-09	4.27E-09	2.66E-09	8.18E-10	3.47E-09	6.29E-10	2.09E-10	8.38E-10	4.90E-10	1.01E-10	5.91E-10
2954	625843.36	4265410.8	3.16E-09	1.09E-09	4.25E-09	2.64E-09	8.14E-10	3.46E-09	6.26E-10	2.08E-10	8.34E-10	4.88E-10	1.00E-10	5.88E-10
2955	625846.97	4265419.92	3.15E-09	1.08E-09	4.23E-09	2.63E-09	8.10E-10	3.44E-09	6.23E-10	2.07E-10	8.30E-10	4.85E-10	9.98E-11	5.85E-10
2956	625850.58	4265429.03	3.13E-09	1.08E-09	4.20E-09	2.62E-09	8.05E-10	3.42E-09	6.19E-10	2.06E-10	8.25E-10	4.83E-10	9.93E-11	5.82E-10
2957	625854.18	4265438.15	3.11E-09	1.07E-09	4.18E-09	2.60E-09	8.01E-10	3.40E-09	6.16E-10	2.05E-10	8.21E-10	4.80E-10	9.88E-11	5.79E-10
2958	625857.79	4265447.27	3.10E-09	1.06E-09	4.16E-09	2.59E-09	7.97E-10	3.38E-09	6.13E-10	2.04E-10	8.17E-10	4.78E-10	9.82E-11	5.76E-10
2959	625861.4	4265456.38	3.08E-09	1.06E-09	4.14E-09	2.57E-09	7.93E-10	3.37E-09	6.09E-10	2.03E-10	8.12E-10	4.75E-10	9.77E-11	5.73E-10
2960	625865.01	4265465.5	3.06E-09	1.05E-09	4.11E-09	2.56E-09	7.88E-10	3.35E-09	6.06E-10	2.02E-10	8.08E-10	4.72E-10	9.71E-11	5.69E-10
2961	625868.62	4265474.62	3.04E-09	1.05E-09	4.09E-09	2.54E-09	7.84E-10	3.33E-09	6.02E-10	2.01E-10	8.03E-10	4.70E-10	9.66E-11	5.66E-10
2962	625872.23	4265483.73	3.03E-09	1.04E-09	4.07E-09	2.53E-09	7.79E-10	3.31E-09	5.99E-10	1.99E-10	7.98E-10	4.67E-10	9.60E-11	5.63E-10
2963	625875.83	4265492.85	3.01E-09	1.03E-09	4.04E-09	2.51E-09	7.74E-10	3.29E-09	5.95E-10	1.98E-10	7.93E-10	4.64E-10	9.54E-11	5.59E-10

2964	625879.44	4265501.97	2.99E-09	1.03E-09	4.02E-09	2.50E-09	7.69E-10	3.27E-09	5.91E-10	1.97E-10	7.88E-10	4.61E-10	9.48E-11	5.56E-10
2965	625883.05	4265511.08	2.97E-09	1.02E-09	3.99E-09	2.48E-09	7.64E-10	3.25E-09	5.88E-10	1.96E-10	7.83E-10	4.58E-10	9.42E-11	5.52E-10
2966	625886.66	4265520.2	2.95E-09	1.01E-09	3.96E-09	2.46E-09	7.59E-10	3.22E-09	5.84E-10	1.94E-10	7.78E-10	4.55E-10	9.36E-11	5.49E-10
2967	625890.27	4265529.32	2.93E-09	1.01E-09	3.93E-09	2.45E-09	7.54E-10	3.20E-09	5.80E-10	1.93E-10	7.72E-10	4.52E-10	9.29E-11	5.45E-10
2968	625893.88	4265538.43	2.91E-09	9.99E-10	3.91E-09	2.43E-09	7.48E-10	3.18E-09	5.75E-10	1.92E-10	7.67E-10	4.49E-10	9.22E-11	5.41E-10
2969	625897.49	4265547.55	2.88E-09	9.92E-10	3.88E-09	2.41E-09	7.43E-10	3.15E-09	5.71E-10	1.90E-10	7.61E-10	4.45E-10	9.15E-11	5.37E-10
2970	625901.09	4265556.67	2.86E-09	9.84E-10	3.85E-09	2.39E-09	7.37E-10	3.13E-09	5.66E-10	1.89E-10	7.55E-10	4.42E-10	9.08E-11	5.32E-10
2971	625904.7	4265565.78	2.84E-09	9.76E-10	3.81E-09	2.37E-09	7.31E-10	3.10E-09	5.62E-10	1.87E-10	7.49E-10	4.38E-10	9.01E-11	5.28E-10
2972	625908.31	4265574.9	2.81E-09	9.68E-10	3.78E-09	2.35E-09	7.25E-10	3.08E-09	5.57E-10	1.85E-10	7.43E-10	4.34E-10	8.93E-11	5.24E-10
2973	625911.92	4265584.02	2.79E-09	9.59E-10	3.75E-09	2.33E-09	7.18E-10	3.05E-09	5.52E-10	1.84E-10	7.36E-10	4.30E-10	8.85E-11	5.19E-10
2974	625915.53	4265593.13	2.76E-09	9.51E-10	3.72E-09	2.31E-09	7.12E-10	3.02E-09	5.47E-10	1.82E-10	7.29E-10	4.27E-10	8.77E-11	5.14E-10
2975	625919.14	4265602.25	2.74E-09	9.42E-10	3.68E-09	2.29E-09	7.05E-10	2.99E-09	5.42E-10	1.80E-10	7.23E-10	4.23E-10	8.69E-11	5.10E-10
2976	625922.74	4265611.37	2.71E-09	9.33E-10	3.65E-09	2.27E-09	6.98E-10	2.97E-09	5.37E-10	1.79E-10	7.16E-10	4.19E-10	8.61E-11	5.05E-10
2977	625926.35	4265620.48	2.69E-09	9.24E-10	3.61E-09	2.25E-09	6.92E-10	2.94E-09	5.32E-10	1.77E-10	7.09E-10	4.14E-10	8.52E-11	5.00E-10
2978	625929.96	4265629.6	2.66E-09	9.14E-10	3.57E-09	2.22E-09	6.84E-10	2.91E-09	5.26E-10	1.75E-10	7.01E-10	4.10E-10	8.44E-11	4.95E-10
2979	625933.57	4265638.72	2.63E-09	9.05E-10	3.54E-09	2.20E-09	6.77E-10	2.88E-09	5.21E-10	1.73E-10	6.94E-10	4.06E-10	8.35E-11	4.90E-10
2980	625937.18	4265647.83	2.60E-09	8.95E-10	3.50E-09	2.18E-09	6.70E-10	2.85E-09	5.15E-10	1.72E-10	6.87E-10	4.02E-10	8.26E-11	4.84E-10
2981	625940.79	4265656.95	2.58E-09	8.86E-10	3.46E-09	2.15E-09	6.63E-10	2.82E-09	5.10E-10	1.70E-10	6.79E-10	3.97E-10	8.17E-11	4.79E-10
2982	625944.4	4265666.07	2.55E-09	8.76E-10	3.42E-09	2.13E-09	6.56E-10	2.78E-09	5.04E-10	1.68E-10	6.72E-10	3.93E-10	8.08E-11	4.74E-10
2983	625948	4265675.18	2.52E-09	8.66E-10	3.38E-09	2.11E-09	6.48E-10	2.75E-09	4.99E-10	1.66E-10	6.64E-10	3.89E-10	7.99E-11	4.69E-10
2984	625951.61	4265684.3	2.49E-09	8.56E-10	3.35E-09	2.08E-09	6.41E-10	2.72E-09	4.93E-10	1.64E-10	6.57E-10	3.84E-10	7.90E-11	4.63E-10
2985	624870.62	4264575.42	4.10E-09	1.41E-09	5.51E-09	3.43E-09	1.06E-09	4.48E-09	8.12E-10	2.70E-10	1.08E-09	6.33E-10	1.30E-10	7.63E-10
2986	624860.71	4264575.28	4.09E-09	1.41E-09	5.50E-09	3.42E-09	1.05E-09	4.47E-09	8.09E-10	2.69E-10	1.08E-09	6.31E-10	1.30E-10	7.61E-10
2987	624850.8	4264575.14	4.08E-09	1.40E-09	5.48E-09	3.41E-09	1.05E-09	4.46E-09	8.07E-10	2.69E-10	1.08E-09	6.29E-10	1.29E-10	7.59E-10
2988	624840.9	4264575	4.07E-09	1.40E-09	5.47E-09	3.40E-09	1.05E-09	4.45E-09	8.05E-10	2.68E-10	1.07E-09	6.28E-10	1.29E-10	7.57E-10
2989	624830.99	4264574.87	4.06E-09	1.40E-09	5.45E-09	3.39E-09	1.04E-09	4.44E-09	8.03E-10	2.67E-10	1.07E-09	6.26E-10	1.29E-10	7.55E-10
2990	624821.08	4264574.73	4.05E-09	1.39E-09	5.44E-09	3.38E-09	1.04E-09	4.43E-09	8.01E-10	2.67E-10	1.07E-09	6.25E-10	1.28E-10	7.53E-10
2991	624811.17	4264574.59	4.04E-09	1.39E-09	5.43E-09	3.38E-09	1.04E-09	4.42E-09	7.99E-10	2.66E-10	1.07E-09	6.23E-10	1.28E-10	7.51E-10
2992	624801.26	4264574.45	4.03E-09	1.39E-09	5.42E-09	3.37E-09	1.04E-09	4.41E-09	7.98E-10	2.66E-10	1.06E-09	6.22E-10	1.28E-10	7.50E-10
2993	624791.35	4264574.32	4.02E-09	1.38E-09	5.41E-09	3.36E-09	1.04E-09	4.40E-09	7.96E-10	2.65E-10	1.06E-09	6.21E-10	1.28E-10	7.48E-10
2994	624781.44	4264574.18	4.02E-09	1.38E-09	5.40E-09	3.36E-09	1.03E-09	4.39E-09	7.95E-10	2.65E-10	1.06E-09	6.20E-10	1.27E-10	7.47E-10
2995	624771.53	4264574.04	4.01E-09	1.38E-09	5.39E-09	3.35E-09	1.03E-09	4.38E-09	7.94E-10	2.64E-10	1.06E-09	6.19E-10	1.27E-10	7.46E-10
2996	624761.62	4264573.9	4.00E-09	1.38E-09	5.38E-09	3.35E-09	1.03E-09	4.38E-09	7.92E-10	2.64E-10	1.06E-09	6.18E-10	1.27E-10	7.45E-10
2997	624751.72	4264573.77	3.99E-09	1.37E-09	5.37E-09	3.34E-09	1.03E-09	4.37E-09	7.91E-10	2.63E-10	1.05E-09	6.16E-10	1.27E-10	7.43E-10
2998	624741.81	4264573.63	3.99E-09	1.37E-09	5.36E-09	3.33E-09	1.03E-09	4.36E-09	7.89E-10	2.63E-10	1.05E-09	6.15E-10	1.27E-10	7.42E-10
2999	624731.9	4264573.49	3.98E-09	1.37E-09	5.35E-09	3.33E-09	1.03E-09	4.35E-09	7.88E-10	2.62E-10	1.05E-09	6.14E-10	1.26E-10	7.41E-10
3000	624721.99	4264573.35	3.98E-09	1.37E-09	5.34E-09	3.32E-09	1.02E-09	4.35E-09	7.87E-10	2.62E-10	1.05E-09	6.14E-10	1.26E-10	7.40E-10
3001	624712.08	4264573.22	3.97E-09	1.37E-09	5.34E-09	3.32E-09	1.02E-09	4.34E-09	7.86E-10	2.62E-10	1.05E-09	6.13E-10	1.26E-10	7.39E-10
3002	624702.17	4264573.08	3.96E-09	1.36E-09	5.33E-09	3.31E-09	1.02E-09	4.33E-09	7.85E-10	2.61E-10	1.05E-09	6.12E-10	1.26E-10	7.37E-10
3003	624692.26	4264572.94	3.96E-09	1.36E-09	5.32E-09	3.31E-09	1.02E-09	4.33E-09	7.83E-10	2.61E-10	1.04E-09	6.10E-10	1.26E-10	7.36E-10
3004	624682.35	4264572.81	3.95E-09	1.36E-09	5.31E-09	3.30E-09	1.02E-09	4.32E-09	7.82E-10	2.60E-10	1.04E-09	6.09E-10	1.25E-10	7.35E-10
3005	624672.45	4264572.67	3.94E-09	1.35E-09	5.29E-09	3.29E-09	1.01E-09	4.31E-09	7.80E-10	2.60E-10	1.04E-09	6.08E-10	1.25E-10	7.33E-10
3006	624662.54	4264572.53	3.93E-09	1.35E-09	5.28E-09	3.28E-09	1.01E-09	4.29E-09	7.78E-10	2.59E-10	1.04E-09	6.06E-10	1.25E-10	7.31E-10
3007	624652.63	4264572.39	3.92E-09	1.35E-09	5.26E-09	3.27E-09	1.01E-09	4.28E-09	7.75E-10	2.58E-10	1.03E-09	6.04E-10	1.24E-10	7.29E-10
3008	624642.72	4264572.26	3.90E-09	1.34E-09	5.25E-09	3.26E-09	1.00E-09	4.27E-09	7.73E-10	2.57E-10	1.03E-09	6.02E-10	1.24E-10	7.26E-10
3009	624632.81	4264572.12	3.89E-09	1.34E-09	5.22E-09	3.25E-09	1.00E-09	4.25E-09	7.70E-10	2.56E-10	1.03E-09	6.00E-10	1.23E-10	7.23E-10
3010	624622.9	4264571.98	3.87E-09	1.33E-09	5.20E-09	3.24E-09	9.97E-10	4.23E-09	7.66E-10	2.55E-10	1.02E-09	5.97E-10	1.23E-10	7.20E-10
3011	624612.99	4264571.84	3.85E-09	1.32E-09	5.18E-09	3.22E-09	9.92E-10	4.21E-09	7.63E-10	2.54E-10	1.02E-09	5.94E-10	1.22E-10	7.17E-10
3012	624603.08	4264571.71	3.83E-09	1.32E-09	5.15E-09	3.20E-09	9.87E-10	4.19E-09	7.58E-10	2.52E-10	1.01E-09	5.91E-10	1.22E-10	7.13E-10
3013	624593.18	4264571.57	3.81E-09	1.31E-09	5.12E-09	3.18E-09	9.81E-10	4.16E-09	7.54E-10	2.51E-10	1.00E-09	5.88E-10	1.21E-10	7.09E-10
3014	624583.27	4264571.43	3.78E-09	1.30E-09	5.08E-09	3.16E-09	9.74E-10	4.14E-09	7.49E-10	2.49E-10	9.98E-10	5.84E-10	1.20E-10	7.04E-10
3015	624573.36	4264571.29	3.76E-09	1.29E-09	5.05E-09	3.14E-09	9.67E-10	4.11E-09	7.43E-10	2.47E-10	9.91E-10	5.80E-10	1.19E-10	6.99E-10
3016	624563.45	4264571.16	3.73E-09	1.28E-09	5.01E-09	3.11E-09	9.59E-10	4.07E-09	7.38E-10	2.45E-10	9.83E-10	5.75E-10	1.18E-10	6.93E-10
3017	624553.54	4264571.02	3.70E-09	1.27E-09	4.97E-09	3.09E-09	9.52E-10	4.04E-09	7.32E-10	2.44E-10	9.75E-10	5.70E-10	1.17E-10	6.88E-10
3018	624543.63	4264570.88	3.67E-09	1.26E-09	4.93E-09	3.06E-09	9.44E-10	4.01E-09	7.26E-10	2.42E-10	9.67E-10	5.66E-10	1.16E-10	6.82E-10
3019	624533.72	4264570.74	3.63E-09	1.25E-09	4.88E-09	3.04E-09	9.36E-10	3.97E-09	7.19E-10	2.39E-10	9.59E-10	5.61E-10	1.15E-10	6.76E-10
3020	624523.81	4264570.61	3.60E-09	1.24E-09	4.84E-09	3.01E-09	9.27E-10	3.94E-09	7.13E-10	2.37E-10	9.50E-10	5.56E-10	1.14E-10	6.70E-10
3021	624513.9	4264570.47	3.57E-09	1.23E-09	4.79E-09	2.98E-09	9.18E-10	3.90E-09	7.06E-10	2.35E-10	9.41E-10	5.50E-10	1.13E-10	6.63E-10
3022	624504	4264570.33	3.53E-09	1.21E-09	4.75E-09	2.95E-09	9.09E-10	3.86E-09	6.99E-10	2.33E-10	9.32E-10	5.45E-10	1.12E-10	6.57E-10
3023	624494.09	4264570.19	3.50E-09	1.20E-09	4.70E-09	2.92E-09	9.00E-10	3.82E-09	6.92E-10	2.30E-10	9.22E-10	5.40E-10	1.11E-10	6.50E-10
3024	624484.18	4264570.06	3.46E-09	1.19E-09	4.65E-09	2.89E-09	8.91E-10	3.78E-09	6.85E-10	2.28E-10	9.13E-10	5.34E-10	1.10E-10	6.44E-10
3025	624474.27	4264569.92	3.42E-09	1.18E-09	4.60E-09	2.86E-09	8.82E-10	3.74E-09	6.78E-10	2.26E-10	9.04E-10	5.28E-10	1.09E-10	6.37E-10
3026	624464.36	4264569.78	3.39E-09	1.17E-09	4.55E-09	2.83E-09	8.72E-10	3.70E-09	6.71E-10	2.23E-10	8.94E-10	5.23E-10	1.08E-10	6.30E-10
3027	624454.45	4264569.64	3.35E-09	1.15E-09	4.50E-09	2.80E-09	8.63E-10	3.66E-09	6.63E-10	2.21E-10	8.84E-10	5.17E-10	1.06E-10	6.24E-10
3028	624444.54	4264569.51	3.32E-09	1.14E-09	4.46E-09	2.77E-09	8.54E-10	3.62E-09	6.56E-10	2.18E-10	8.75E-10	5.12E-10	1.05E-10	6.17E-10
3029	624434.63	4264569.37	3.28E-09	1.13E-09	4.41E-09	2.74E-09	8.45E-10	3.59E-09	6.49E-10	2.16E-10	8.65E-10	5.06E-10	1.04E-10	6.10E-10
3030	624424.73	4264569.23	3.25E-09	1.12E-09	4.36E-09	2.71E-09	8.36E-10	3.55E-09	6.43E-10	2.14E-10	8.56E-10	5.01E-10	1.03E-10	6.04E-10
3031	624414.82	4264569.1	3.21E-09	1.10E-09	4.32E-09	2.69E-09	8.27E-10	3.51E-09	6.36E-10	2.12E-10	8.48E-10	4.96E-10	1.02E-10	5.98E-10
3032	624404.91	4264568.96	3.18E-09	1.09E-09	4.27E-09	2.66E-09	8.19E-10	3.48E-09	6.29E-10	2.09E-10	8.39E-10	4.91E-10	1.01E-10	5.92E-10

3033	624395	4264568.82	3.15E-09	1.08E-09	4.23E-09	2.63E-09	8.10E-10	3.44E-09	6.23E-10	2.07E-10	8.31E-10	4.86E-10	9.99E-11	5.86E-10
3034	624385.09	4264568.68	3.12E-09	1.07E-09	4.19E-09	2.61E-09	8.03E-10	3.41E-09	6.17E-10	2.05E-10	8.22E-10	4.81E-10	9.89E-11	5.80E-10
3035	624375.18	4264568.55	3.09E-09	1.06E-09	4.15E-09	2.58E-09	7.95E-10	3.37E-09	6.11E-10	2.03E-10	8.14E-10	4.76E-10	9.80E-11	5.74E-10
3036	624349.93	4265668.3	3.41E-08	1.17E-08	4.58E-08	2.85E-08	8.77E-09	3.72E-08	6.74E-09	2.24E-09	8.98E-09	5.25E-09	1.08E-09	6.33E-09
3037	624349.79	4265678.19	3.62E-08	1.25E-08	4.87E-08	3.03E-08	9.33E-09	3.96E-08	7.18E-09	2.39E-09	9.56E-09	5.59E-09	1.15E-09	6.74E-09
3038	624349.64	4265688.08	3.87E-08	1.33E-08	5.19E-08	3.23E-08	9.95E-09	4.23E-08	7.65E-09	2.55E-09	1.02E-08	5.96E-09	1.23E-09	7.19E-09
3039	624349.5	4265697.97	4.12E-08	1.42E-08	5.54E-08	3.45E-08	1.06E-08	4.51E-08	8.16E-09	2.72E-09	1.09E-08	6.36E-09	1.31E-09	7.67E-09
3040	624349.36	4265707.87	4.39E-08	1.51E-08	5.90E-08	3.67E-08	1.13E-08	4.80E-08	8.69E-09	2.89E-09	1.16E-08	6.78E-09	1.39E-09	8.17E-09
3041	624349.22	4265717.76	4.67E-08	1.60E-08	6.27E-08	3.90E-08	1.20E-08	5.10E-08	9.23E-09	3.07E-09	1.23E-08	7.20E-09	1.48E-09	8.68E-09
3042	624349.07	4265727.65	4.94E-08	1.70E-08	6.64E-08	4.13E-08	1.27E-08	5.40E-08	9.78E-09	3.26E-09	1.30E-08	7.62E-09	1.57E-09	9.19E-09
3043	624348.93	4265737.54	5.21E-08	1.79E-08	7.01E-08	4.36E-08	1.34E-08	5.70E-08	1.03E-08	3.43E-09	1.38E-08	8.04E-09	1.65E-09	9.70E-09
3044	624348.79	4265747.44	5.48E-08	1.88E-08	7.36E-08	4.58E-08	1.41E-08	5.99E-08	1.08E-08	3.61E-09	1.44E-08	8.45E-09	1.74E-09	1.02E-08
3045	624348.64	4265757.33	5.72E-08	1.97E-08	7.69E-08	4.79E-08	1.47E-08	6.26E-08	1.13E-08	3.77E-09	1.51E-08	8.83E-09	1.82E-09	1.07E-08
3046	624348.5	4265767.22	5.96E-08	2.05E-08	8.01E-08	4.98E-08	1.53E-08	6.51E-08	1.18E-08	3.93E-09	1.57E-08	9.19E-09	1.89E-09	1.11E-08
3047	624348.36	4265777.11	6.18E-08	2.12E-08	8.30E-08	5.16E-08	1.59E-08	6.75E-08	1.22E-08	4.07E-09	1.63E-08	9.53E-09	1.96E-09	1.15E-08
3048	624348.21	4265787.01	6.38E-08	2.19E-08	8.57E-08	5.33E-08	1.64E-08	6.97E-08	1.26E-08	4.20E-09	1.68E-08	9.84E-09	2.02E-09	1.19E-08
3049	624348.07	4265796.9	6.56E-08	2.26E-08	8.81E-08	5.48E-08	1.69E-08	7.17E-08	1.30E-08	4.32E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
3050	624347.93	4265806.79	6.73E-08	2.31E-08	9.04E-08	5.62E-08	1.73E-08	7.36E-08	1.33E-08	4.43E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
3051	624347.78	4265816.68	6.88E-08	2.37E-08	9.25E-08	5.75E-08	1.77E-08	7.52E-08	1.36E-08	4.53E-09	1.82E-08	1.06E-08	2.18E-09	1.28E-08
3052	624347.64	4265826.58	7.02E-08	2.41E-08	9.44E-08	5.87E-08	1.81E-08	7.68E-08	1.39E-08	4.63E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
3053	624342.96	4265661.12	3.08E-08	1.06E-08	4.14E-08	2.57E-08	7.93E-09	3.37E-08	6.10E-09	2.03E-09	8.13E-09	4.75E-09	9.77E-10	5.73E-09
3054	624339.79	4265678.04	3.30E-08	1.14E-08	4.44E-08	2.76E-08	8.50E-09	3.61E-08	6.53E-09	2.18E-09	8.71E-09	5.09E-09	1.05E-09	6.14E-09
3055	624339.65	4265687.94	3.49E-08	1.20E-08	4.69E-08	2.92E-08	8.99E-09	3.82E-08	6.91E-09	2.30E-09	9.21E-09	5.39E-09	1.11E-09	6.49E-09
3056	624339.5	4265697.83	3.69E-08	1.27E-08	4.96E-08	3.09E-08	9.50E-09	4.04E-08	7.31E-09	2.43E-09	9.74E-09	5.70E-09	1.17E-09	6.87E-09
3057	624339.36	4265707.72	3.90E-08	1.34E-08	5.24E-08	3.26E-08	1.00E-08	4.26E-08	7.72E-09	2.57E-09	1.03E-08	6.02E-09	1.24E-09	7.26E-09
3058	624339.22	4265717.61	4.11E-08	1.41E-08	5.53E-08	3.44E-08	1.06E-08	4.50E-08	8.14E-09	2.71E-09	1.09E-08	6.35E-09	1.31E-09	7.66E-09
3059	624339.07	4265727.51	4.33E-08	1.49E-08	5.82E-08	3.62E-08	1.12E-08	4.74E-08	8.57E-09	2.85E-09	1.14E-08	6.68E-09	1.37E-09	8.06E-09
3060	624338.93	4265737.4	4.55E-08	1.56E-08	6.11E-08	3.80E-08	1.17E-08	4.97E-08	9.00E-09	3.00E-09	1.20E-08	7.02E-09	1.44E-09	8.46E-09
3061	624338.79	4265747.29	4.76E-08	1.64E-08	6.40E-08	3.98E-08	1.23E-08	5.21E-08	9.42E-09	3.14E-09	1.26E-08	7.35E-09	1.51E-09	8.86E-09
3062	624338.64	4265757.18	4.97E-08	1.71E-08	6.67E-08	4.15E-08	1.28E-08	5.43E-08	9.83E-09	3.27E-09	1.31E-08	7.66E-09	1.58E-09	9.24E-09
3063	624338.5	4265767.08	5.16E-08	1.78E-08	6.94E-08	4.32E-08	1.33E-08	5.65E-08	1.02E-08	3.40E-09	1.36E-08	7.97E-09	1.64E-09	9.61E-09
3064	624338.36	4265776.97	5.35E-08	1.84E-08	7.19E-08	4.47E-08	1.38E-08	5.85E-08	1.06E-08	3.53E-09	1.41E-08	8.26E-09	1.70E-09	9.95E-09
3065	624338.21	4265786.86	5.53E-08	1.90E-08	7.43E-08	4.62E-08	1.42E-08	6.04E-08	1.09E-08	3.64E-09	1.46E-08	8.53E-09	1.75E-09	1.03E-08
3066	624338.07	4265796.75	5.69E-08	1.96E-08	7.65E-08	4.76E-08	1.46E-08	6.22E-08	1.13E-08	3.75E-09	1.50E-08	8.78E-09	1.81E-09	1.06E-08
3067	624337.93	4265806.65	5.84E-08	2.01E-08	7.85E-08	4.88E-08	1.50E-08	6.39E-08	1.16E-08	3.85E-09	1.54E-08	9.01E-09	1.85E-09	1.09E-08
3068	624337.79	4265816.54	5.98E-08	2.06E-08	8.04E-08	5.00E-08	1.54E-08	6.54E-08	1.18E-08	3.94E-09	1.58E-08	9.23E-09	1.90E-09	1.11E-08
3069	624337.64	4265826.43	6.11E-08	2.10E-08	8.21E-08	5.11E-08	1.57E-08	6.68E-08	1.21E-08	4.03E-09	1.61E-08	9.43E-09	1.94E-09	1.14E-08
3070	624332.96	4265660.98	2.86E-08	9.83E-09	3.84E-08	2.39E-08	7.36E-09	3.12E-08	5.66E-09	1.88E-09	7.54E-09	4.41E-09	9.07E-10	5.32E-09
3071	624346.13	4265644.1	2.87E-08	9.87E-09	3.86E-08	2.40E-08	7.39E-09	3.14E-08	5.68E-09	1.89E-09	7.57E-09	4.43E-09	9.11E-10	5.34E-09
3072	624329.79	4265677.9	3.04E-08	1.04E-08	4.08E-08	2.54E-08	7.82E-09	3.32E-08	6.01E-09	2.00E-09	8.01E-09	4.69E-09	9.64E-10	5.65E-09
3073	624329.65	4265687.79	3.19E-08	1.10E-08	4.29E-08	2.67E-08	8.21E-09	3.49E-08	6.31E-09	2.10E-09	8.41E-09	4.92E-09	1.01E-09	5.93E-09
3074	624329.5	4265697.68	3.35E-08	1.15E-08	4.50E-08	2.80E-08	8.63E-09	3.66E-08	6.63E-09	2.21E-09	8.84E-09	5.17E-09	1.06E-09	6.23E-09
3075	624329.36	4265707.58	3.52E-08	1.21E-08	4.73E-08	2.94E-08	9.06E-09	3.85E-08	6.97E-09	2.32E-09	9.28E-09	5.43E-09	1.12E-09	6.55E-09
3076	624329.22	4265717.47	3.69E-08	1.27E-08	4.96E-08	3.09E-08	9.50E-09	4.04E-08	7.31E-09	2.43E-09	9.74E-09	5.70E-09	1.17E-09	6.87E-09
3077	624329.07	4265727.36	3.87E-08	1.33E-08	5.20E-08	3.23E-08	9.95E-09	4.23E-08	7.65E-09	2.55E-09	1.02E-08	5.97E-09	1.23E-09	7.19E-09
3078	624328.93	4265737.25	4.04E-08	1.39E-08	5.43E-08	3.38E-08	1.04E-08	4.42E-08	8.00E-09	2.66E-09	1.07E-08	6.24E-09	1.28E-09	7.52E-09
3079	624328.79	4265747.15	4.22E-08	1.45E-08	5.67E-08	3.52E-08	1.09E-08	4.61E-08	8.35E-09	2.78E-09	1.11E-08	6.51E-09	1.34E-09	7.85E-09
3080	624328.65	4265757.04	4.39E-08	1.51E-08	5.90E-08	3.67E-08	1.13E-08	4.80E-08	8.69E-09	2.89E-09	1.16E-08	6.77E-09	1.39E-09	8.16E-09
3081	624328.5	4265766.93	4.55E-08	1.57E-08	6.12E-08	3.81E-08	1.17E-08	4.98E-08	9.01E-09	3.00E-09	1.20E-08	7.03E-09	1.45E-09	8.47E-09
3082	624328.36	4265776.82	4.71E-08	1.62E-08	6.34E-08	3.94E-08	1.21E-08	5.15E-08	9.33E-09	3.11E-09	1.24E-08	7.27E-09	1.50E-09	8.77E-09
3083	624328.22	4265786.72	4.87E-08	1.67E-08	6.54E-08	4.07E-08	1.25E-08	5.32E-08	9.63E-09	3.21E-09	1.28E-08	7.51E-09	1.54E-09	9.06E-09
3084	624328.07	4265796.61	5.01E-08	1.72E-08	6.73E-08	4.19E-08	1.29E-08	5.48E-08	9.92E-09	3.30E-09	1.32E-08	7.73E-09	1.59E-09	9.32E-09
3085	624327.93	4265806.5	5.15E-08	1.77E-08	6.92E-08	4.30E-08	1.33E-08	5.63E-08	1.02E-08	3.39E-09	1.36E-08	7.94E-09	1.63E-09	9.58E-09
3086	624327.79	4265816.39	5.27E-08	1.81E-08	7.09E-08	4.41E-08	1.36E-08	5.77E-08	1.04E-08	3.48E-09	1.39E-08	8.14E-09	1.67E-09	9.81E-09
3087	624327.64	4265826.29	5.39E-08	1.85E-08	7.25E-08	4.51E-08	1.39E-08	5.90E-08	1.07E-08	3.55E-09	1.42E-08	8.32E-09	1.71E-09	1.00E-08
3088	624322.96	4265660.84	2.67E-08	9.17E-09	3.58E-08	2.23E-08	6.87E-09	2.92E-08	5.28E-09	1.76E-09	7.04E-09	4.12E-09	8.47E-10	4.96E-09
3089	624329.02	4265646.78	2.60E-08	8.95E-09	3.50E-08	2.18E-08	6.70E-09	2.85E-08	5.15E-09	1.72E-09	6.87E-09	4.02E-09	8.26E-10	4.84E-09
3090	624309.79	4265677.61	2.63E-08	9.03E-09	3.53E-08	2.20E-08	6.76E-09	2.87E-08	5.20E-09	1.73E-09	6.93E-09	4.05E-09	8.34E-10	4.89E-09
3091	624309.65	4265687.5	2.73E-08	9.40E-09	3.67E-08	2.28E-08	7.04E-09	2.99E-08	5.41E-09	1.80E-09	7.21E-09	4.22E-09	8.67E-10	5.08E-09
3092	624309.51	4265697.39	2.84E-08	9.78E-09	3.82E-08	2.38E-08	7.32E-09	3.11E-08	5.63E-09	1.87E-09	7.50E-09	4.39E-09	9.03E-10	5.29E-09
3093	624309.36	4265707.29	2.96E-08	1.02E-08	3.98E-08	2.47E-08	7.62E-09	3.24E-08	5.86E-09	1.95E-09	7.81E-09	4.57E-09	9.39E-10	5.51E-09
3094	624309.22	4265717.18	3.08E-08	1.06E-08	4.14E-08	2.57E-08	7.93E-09	3.37E-08	6.10E-09	2.03E-09	8.13E-09	4.75E-09	9.78E-10	5.73E-09
3095	624309.08	4265727.07	3.20E-08	1.10E-08	4.30E-08	2.68E-08	8.24E-09	3.50E-08	6.34E-09	2.11E-09	8.45E-09	4.94E-09	1.02E-09	5.96E-09
3096	624308.93	4265736.96	3.32E-08	1.14E-08	4.47E-08	2.78E-08	8.56E-09	3.63E-08	6.58E-09	2.19E-09	8.77E-09	5.13E-09	1.05E-09	6.18E-09
3097	624308.79	4265746.86	3.45E-08	1.19E-08	4.63E-08	2.88E-08	8.88E-09	3.77E-08	6.82E-09	2.27E-09	9.10E-09	5.32E-09	1.09E-09	6.41E-09
3098	624308.65	4265756.75	3.57E-08	1.23E-08	4.80E-08	2.98E-08	9.19E-09	3.90E-08	7.07E-09	2.35E-09	9.42E-09	5.51E-09	1.13E-09	6.64E-09
3099	624308.5	4265766.64	3.69E-08	1.27E-08	4.96E-08	3.08E-08	9.50E-09	4.03E-08	7.30E-09	2.43E-09	9.74E-09	5.69E-09	1.17E-09	6.87E-09
3100	624308.36	4265776.53	3.81E-08	1.31E-08	5.12E-08	3.18E-08	9.81E-09	4.16E-08	7.54E-09	2.51E-09	1.00E-08	5.88E-09	1.21E-09	7.09E-09
3101	624308.07	4265796.32	4.03E-08	1.39E-08	5.42E-08	3.37E-08	1.04E-08	4.41E-08	7.98E-09	2.66E-09	1.06E-08	6.22E-09	1.28E-09	7.50E-09

3102	624307.93	4265806.21	4.14E-08	1.42E-08	5.56E-08	3.46E-08	1.07E-08	4.53E-08	8.20E-09	2.73E-09	1.09E-08	6.39E-09	1.31E-09	7.70E-09
3103	624307.79	4265816.1	4.24E-08	1.46E-08	5.70E-08	3.55E-08	1.09E-08	4.64E-08	8.40E-09	2.79E-09	1.12E-08	6.55E-09	1.35E-09	7.89E-09
3104	624307.65	4265826	4.34E-08	1.49E-08	5.83E-08	3.63E-08	1.12E-08	4.74E-08	8.59E-09	2.86E-09	1.14E-08	6.69E-09	1.38E-09	8.07E-09
3105	624303.57	4265659.14	2.35E-08	8.09E-09	3.16E-08	1.97E-08	6.06E-09	2.57E-08	4.66E-09	1.55E-09	6.21E-09	3.63E-09	7.47E-10	4.38E-09
3106	624299.94	4265667.57	2.38E-08	8.17E-09	3.19E-08	1.99E-08	6.12E-09	2.60E-08	4.70E-09	1.57E-09	6.27E-09	3.67E-09	7.54E-10	4.42E-09
3107	624299.79	4265677.46	2.46E-08	8.47E-09	3.31E-08	2.06E-08	6.34E-09	2.69E-08	4.88E-09	1.62E-09	6.50E-09	3.80E-09	7.82E-10	4.58E-09
3108	624299.65	4265687.36	2.55E-08	8.78E-09	3.43E-08	2.13E-08	6.57E-09	2.79E-08	5.05E-09	1.68E-09	6.74E-09	3.94E-09	8.10E-10	4.75E-09
3109	624299.51	4265697.25	2.65E-08	9.11E-09	3.56E-08	2.21E-08	6.82E-09	2.90E-08	5.24E-09	1.75E-09	6.99E-09	4.09E-09	8.41E-10	4.93E-09
3110	624299.36	4265707.14	2.75E-08	9.45E-09	3.69E-08	2.30E-08	7.07E-09	3.00E-08	5.44E-09	1.81E-09	7.25E-09	4.24E-09	8.72E-10	5.11E-09
3111	624299.22	4265717.03	2.85E-08	9.80E-09	3.83E-08	2.38E-08	7.34E-09	3.12E-08	5.64E-09	1.88E-09	7.52E-09	4.40E-09	9.04E-10	5.30E-09
3112	624299.08	4265726.93	2.95E-08	1.02E-08	3.97E-08	2.47E-08	7.60E-09	3.23E-08	5.85E-09	1.95E-09	7.79E-09	4.56E-09	9.37E-10	5.50E-09
3113	624298.93	4265736.82	3.06E-08	1.05E-08	4.11E-08	2.56E-08	7.87E-09	3.34E-08	6.05E-09	2.02E-09	8.07E-09	4.72E-09	9.71E-10	5.69E-09
3114	624298.79	4265746.71	3.16E-08	1.09E-08	4.25E-08	2.64E-08	8.15E-09	3.46E-08	6.26E-09	2.08E-09	8.35E-09	4.88E-09	1.00E-09	5.89E-09
3115	624298.65	4265756.6	3.27E-08	1.12E-08	4.39E-08	2.73E-08	8.42E-09	3.57E-08	6.47E-09	2.15E-09	8.62E-09	5.04E-09	1.04E-09	6.08E-09
3116	624298.51	4265766.5	3.37E-08	1.16E-08	4.53E-08	2.82E-08	8.69E-09	3.69E-08	6.68E-09	2.22E-09	8.90E-09	5.21E-09	1.07E-09	6.28E-09
3117	624298.36	4265776.39	3.48E-08	1.20E-08	4.67E-08	2.90E-08	8.95E-09	3.80E-08	6.88E-09	2.29E-09	9.17E-09	5.36E-09	1.10E-09	6.47E-09
3118	624298.08	4265796.17	3.67E-08	1.26E-08	4.94E-08	3.07E-08	9.46E-09	4.02E-08	7.27E-09	2.42E-09	9.69E-09	5.67E-09	1.17E-09	6.83E-09
3119	624297.93	4265806.07	3.77E-08	1.30E-08	5.06E-08	3.15E-08	9.70E-09	4.12E-08	7.45E-09	2.48E-09	9.94E-09	5.81E-09	1.20E-09	7.01E-09
3120	624297.79	4265815.96	3.86E-08	1.33E-08	5.18E-08	3.22E-08	9.93E-09	4.22E-08	7.63E-09	2.54E-09	1.02E-08	5.95E-09	1.22E-09	7.17E-09
3121	624297.65	4265825.85	3.94E-08	1.36E-08	5.30E-08	3.30E-08	1.02E-08	4.31E-08	7.80E-09	2.60E-09	1.04E-08	6.08E-09	1.25E-09	7.33E-09
3122	624293.47	4265659.23	2.22E-08	7.65E-09	2.99E-08	1.86E-08	5.73E-09	2.43E-08	4.40E-09	1.47E-09	5.87E-09	3.43E-09	7.06E-10	4.14E-09
3123	624289.94	4265667.43	2.24E-08	7.72E-09	3.02E-08	1.88E-08	5.78E-09	2.45E-08	4.44E-09	1.48E-09	5.92E-09	3.46E-09	7.12E-10	4.17E-09
3124	624289.79	4265677.32	2.32E-08	7.98E-09	3.12E-08	1.94E-08	5.97E-09	2.54E-08	4.59E-09	1.53E-09	6.12E-09	3.58E-09	7.36E-10	4.31E-09
3125	624289.65	4265687.21	2.40E-08	8.25E-09	3.22E-08	2.00E-08	6.17E-09	2.62E-08	4.75E-09	1.58E-09	6.33E-09	3.70E-09	7.61E-10	4.46E-09
3126	624289.51	4265697.1	2.48E-08	8.53E-09	3.33E-08	2.07E-08	6.38E-09	2.71E-08	4.91E-09	1.63E-09	6.54E-09	3.83E-09	7.87E-10	4.61E-09
3127	624289.36	4265707	2.56E-08	8.82E-09	3.45E-08	2.14E-08	6.60E-09	2.80E-08	5.08E-09	1.69E-09	6.77E-09	3.96E-09	8.14E-10	4.77E-09
3128	624289.22	4265716.89	2.65E-08	9.12E-09	3.56E-08	2.22E-08	6.83E-09	2.90E-08	5.25E-09	1.75E-09	7.00E-09	4.09E-09	8.42E-10	4.93E-09
3129	624289.08	4265726.78	2.74E-08	9.43E-09	3.69E-08	2.29E-08	7.06E-09	3.00E-08	5.43E-09	1.81E-09	7.24E-09	4.23E-09	8.70E-10	5.10E-09
3130	624288.94	4265736.67	2.83E-08	9.74E-09	3.81E-08	2.37E-08	7.30E-09	3.10E-08	5.61E-09	1.87E-09	7.48E-09	4.37E-09	8.99E-10	5.27E-09
3131	624288.79	4265746.57	2.92E-08	1.01E-08	3.93E-08	2.44E-08	7.53E-09	3.20E-08	5.79E-09	1.93E-09	7.72E-09	4.51E-09	9.28E-10	5.44E-09
3132	624288.65	4265756.46	3.02E-08	1.04E-08	4.05E-08	2.52E-08	7.76E-09	3.30E-08	5.97E-09	1.99E-09	7.96E-09	4.65E-09	9.57E-10	5.61E-09
3133	624288.51	4265766.35	3.11E-08	1.07E-08	4.18E-08	2.60E-08	8.00E-09	3.40E-08	6.15E-09	2.05E-09	8.20E-09	4.79E-09	9.86E-10	5.78E-09
3134	624288.36	4265776.24	3.20E-08	1.10E-08	4.29E-08	2.67E-08	8.23E-09	3.49E-08	6.33E-09	2.11E-09	8.43E-09	4.93E-09	1.01E-09	5.95E-09
3135	624288.08	4265796.03	3.37E-08	1.16E-08	4.53E-08	2.82E-08	8.67E-09	3.68E-08	6.67E-09	2.22E-09	8.89E-09	5.20E-09	1.07E-09	6.27E-09
3136	624287.93	4265805.92	3.45E-08	1.19E-08	4.64E-08	2.89E-08	8.89E-09	3.77E-08	6.83E-09	2.27E-09	9.11E-09	5.33E-09	1.10E-09	6.42E-09
3137	624287.79	4265815.81	3.53E-08	1.21E-08	4.75E-08	2.95E-08	9.09E-09	3.86E-08	6.99E-09	2.33E-09	9.32E-09	5.45E-09	1.12E-09	6.57E-09
3138	624287.65	4265825.71	3.61E-08	1.24E-08	4.85E-08	3.02E-08	9.29E-09	3.95E-08	7.14E-09	2.38E-09	9.52E-09	5.57E-09	1.15E-09	6.71E-09
3139	624283.4	4265659.25	2.11E-08	7.25E-09	2.83E-08	1.76E-08	5.43E-09	2.31E-08	4.18E-09	1.39E-09	5.57E-09	3.26E-09	6.69E-10	3.92E-09
3140	624279.8	4265677.18	2.19E-08	7.54E-09	2.95E-08	1.83E-08	5.64E-09	2.40E-08	4.34E-09	1.44E-09	5.78E-09	3.38E-09	6.95E-10	4.08E-09
3141	624279.65	4265687.07	2.26E-08	7.77E-09	3.04E-08	1.89E-08	5.82E-09	2.47E-08	4.47E-09	1.49E-09	5.96E-09	3.49E-09	7.17E-10	4.20E-09
3142	624279.51	4265696.96	2.33E-08	8.02E-09	3.13E-08	1.95E-08	6.00E-09	2.55E-08	4.61E-09	1.54E-09	6.15E-09	3.60E-09	7.40E-10	4.34E-09
3143	624279.37	4265706.85	2.40E-08	8.27E-09	3.23E-08	2.01E-08	6.19E-09	2.63E-08	4.76E-09	1.58E-09	6.34E-09	3.71E-09	7.63E-10	4.47E-09
3144	624279.22	4265716.75	2.48E-08	8.53E-09	3.33E-08	2.07E-08	6.39E-09	2.71E-08	4.91E-09	1.63E-09	6.55E-09	3.83E-09	7.87E-10	4.62E-09
3145	624279.08	4265726.64	2.56E-08	8.80E-09	3.44E-08	2.14E-08	6.59E-09	2.80E-08	5.07E-09	1.69E-09	6.75E-09	3.95E-09	8.12E-10	4.76E-09
3146	624278.94	4265736.53	2.64E-08	9.08E-09	3.55E-08	2.21E-08	6.80E-09	2.89E-08	5.22E-09	1.74E-09	6.96E-09	4.07E-09	8.38E-10	4.91E-09
3147	624278.79	4265746.42	2.72E-08	9.35E-09	3.65E-08	2.27E-08	7.00E-09	2.97E-08	5.38E-09	1.79E-09	7.18E-09	4.20E-09	8.63E-10	5.06E-09
3148	624278.65	4265756.32	2.80E-08	9.63E-09	3.76E-08	2.34E-08	7.21E-09	3.06E-08	5.54E-09	1.84E-09	7.39E-09	4.32E-09	8.89E-10	5.21E-09
3149	624278.51	4265766.21	2.88E-08	9.90E-09	3.87E-08	2.41E-08	7.41E-09	3.15E-08	5.70E-09	1.90E-09	7.60E-09	4.44E-09	9.14E-10	5.36E-09
3150	624278.36	4265776.1	2.96E-08	1.02E-08	3.97E-08	2.47E-08	7.62E-09	3.23E-08	5.85E-09	1.95E-09	7.80E-09	4.56E-09	9.39E-10	5.50E-09
3151	624278.08	4265795.89	3.11E-08	1.07E-08	4.18E-08	2.60E-08	8.01E-09	3.40E-08	6.16E-09	2.05E-09	8.21E-09	4.80E-09	9.87E-10	5.79E-09
3152	624277.93	4265805.78	3.18E-08	1.09E-08	4.28E-08	2.66E-08	8.20E-09	3.48E-08	6.30E-09	2.10E-09	8.40E-09	4.91E-09	1.01E-09	5.92E-09
3153	624277.79	4265815.67	3.26E-08	1.12E-08	4.37E-08	2.72E-08	8.38E-09	3.56E-08	6.44E-09	2.14E-09	8.59E-09	5.02E-09	1.03E-09	6.06E-09
3154	624277.65	4265825.56	3.32E-08	1.14E-08	4.47E-08	2.78E-08	8.56E-09	3.63E-08	6.58E-09	2.19E-09	8.77E-09	5.13E-09	1.05E-09	6.18E-09
3155	624342.9	4265585.72	2.15E-08	7.39E-09	2.89E-08	1.80E-08	5.53E-09	2.35E-08	4.25E-09	1.42E-09	5.67E-09	3.32E-09	6.82E-10	4.00E-09
3156	624352.04	4265582.09	2.20E-08	7.57E-09	2.96E-08	1.84E-08	5.66E-09	2.41E-08	4.35E-09	1.45E-09	5.80E-09	3.39E-09	6.98E-10	4.09E-09
3157	624269.94	4265667.14	2.02E-08	6.94E-09	2.71E-08	1.69E-08	5.20E-09	2.21E-08	3.99E-09	1.33E-09	5.32E-09	3.11E-09	6.40E-10	3.75E-09
3158	624269.8	4265677.03	2.08E-08	7.14E-09	2.79E-08	1.74E-08	5.35E-09	2.27E-08	4.11E-09	1.37E-09	5.48E-09	3.20E-09	6.59E-10	3.86E-09
3159	624269.65	4265686.92	2.14E-08	7.35E-09	2.87E-08	1.79E-08	5.50E-09	2.34E-08	4.23E-09	1.41E-09	5.64E-09	3.30E-09	6.78E-10	3.98E-09
3160	624269.51	4265696.82	2.20E-08	7.56E-09	2.96E-08	1.84E-08	5.66E-09	2.40E-08	4.35E-09	1.45E-09	5.80E-09	3.39E-09	6.98E-10	4.09E-09
3161	624269.37	4265706.71	2.26E-08	7.79E-09	3.04E-08	1.89E-08	5.83E-09	2.48E-08	4.48E-09	1.49E-09	5.97E-09	3.49E-09	7.19E-10	4.21E-09
3162	624269.22	4265716.6	2.33E-08	8.02E-09	3.13E-08	1.95E-08	6.00E-09	2.55E-08	4.61E-09	1.54E-09	6.15E-09	3.60E-09	7.40E-10	4.34E-09
3163	624269.08	4265726.49	2.40E-08	8.25E-09	3.23E-08	2.01E-08	6.18E-09	2.62E-08	4.75E-09	1.58E-09	6.33E-09	3.70E-09	7.62E-10	4.46E-09
3164	624268.94	4265736.39	2.47E-08	8.49E-09	3.32E-08	2.06E-08	6.36E-09	2.70E-08	4.89E-09	1.63E-09	6.52E-09	3.81E-09	7.84E-10	4.60E-09
3165	624268.79	4265746.28	2.54E-08	8.74E-09	3.41E-08	2.12E-08	6.54E-09	2.78E-08	5.03E-09	1.67E-09	6.70E-09	3.92E-09	8.06E-10	4.73E-09
3166	624268.65	4265756.17	2.61E-08	8.98E-09	3.51E-08	2.18E-08	6.72E-09	2.86E-08	5.17E-09	1.72E-09	6.89E-09	4.03E-09	8.29E-10	4.86E-09
3167	624268.51	4265766.06	2.68E-08	9.22E-09	3.60E-08	2.24E-08	6.91E-09	2.93E-08	5.31E-09	1.77E-09	7.08E-09	4.14E-09	8.51E-10	4.99E-09
3168	624268.37	4265775.96	2.75E-08	9.46E-09	3.70E-08	2.30E-08	7.09E-09	3.01E-08	5.45E-09	1.81E-09	7.26E-09	4.25E-09	8.73E-10	5.12E-09
3169	624268.08	4265795.74	2.89E-08	9.93E-09	3.88E-08	2.41E-08	7.43E-09	3.16E-08	5.72E-09	1.90E-09	7.62E-09	4.46E-09	9.16E-10	5.37E-09
3170	624267.94	4265805.63	2.95E-08	1.02E-08	3.97E-08	2.47E-08	7.60E-09	3.23E-08	5.85E-09	1.95E-09	7.79E-09	4.56E-09	9.37E-10	5.49E-09

3171	624267.79	4265815.53	3.02E-08	1.04E-08	4.05E-08	2.52E-08	7.77E-09	3.30E-08	5.97E-09	1.99E-09	7.96E-09	4.65E-09	9.57E-10	5.61E-09
3172	624267.65	4265825.42	3.08E-08	1.06E-08	4.14E-08	2.57E-08	7.93E-09	3.37E-08	6.09E-09	2.03E-09	8.12E-09	4.75E-09	9.77E-10	5.73E-09
3173	624316.89	4265586.13	1.94E-08	6.65E-09	2.60E-08	1.62E-08	4.98E-09	2.12E-08	3.83E-09	1.27E-09	5.10E-09	2.99E-09	6.14E-10	3.60E-09
3174	624325.77	4265582.59	1.98E-08	6.81E-09	2.66E-08	1.66E-08	5.10E-09	2.16E-08	3.92E-09	1.30E-09	5.22E-09	3.06E-09	6.28E-10	3.68E-09
3175	624334.66	4265579.06	2.02E-08	6.96E-09	2.72E-08	1.69E-08	5.21E-09	2.21E-08	4.01E-09	1.33E-09	5.34E-09	3.12E-09	6.43E-10	3.77E-09
3176	624343.54	4265575.52	2.07E-08	7.11E-09	2.78E-08	1.73E-08	5.33E-09	2.26E-08	4.09E-09	1.36E-09	5.46E-09	3.19E-09	6.56E-10	3.85E-09
3177	624352.43	4265571.99	2.11E-08	7.26E-09	2.84E-08	1.77E-08	5.44E-09	2.31E-08	4.18E-09	1.39E-09	5.57E-09	3.26E-09	6.70E-10	3.93E-09
3178	624259.94	4265666.99	1.92E-08	6.60E-09	2.58E-08	1.60E-08	4.94E-09	2.10E-08	3.80E-09	1.27E-09	5.07E-09	2.96E-09	6.09E-10	3.57E-09
3179	624259.8	4265676.89	1.97E-08	6.78E-09	2.65E-08	1.65E-08	5.08E-09	2.16E-08	3.90E-09	1.30E-09	5.20E-09	3.04E-09	6.26E-10	3.67E-09
3180	624259.65	4265686.78	2.03E-08	6.97E-09	2.72E-08	1.69E-08	5.22E-09	2.22E-08	4.01E-09	1.33E-09	5.35E-09	3.13E-09	6.43E-10	3.77E-09
3181	624259.51	4265696.67	2.08E-08	7.16E-09	2.80E-08	1.74E-08	5.36E-09	2.28E-08	4.12E-09	1.37E-09	5.49E-09	3.21E-09	6.61E-10	3.87E-09
3182	624259.37	4265706.56	2.14E-08	7.35E-09	2.87E-08	1.79E-08	5.51E-09	2.34E-08	4.23E-09	1.41E-09	5.64E-09	3.30E-09	6.79E-10	3.98E-09
3183	624259.22	4265716.46	2.20E-08	7.56E-09	2.95E-08	1.84E-08	5.66E-09	2.40E-08	4.35E-09	1.45E-09	5.80E-09	3.39E-09	6.97E-10	4.09E-09
3184	624259.08	4265726.35	2.26E-08	7.77E-09	3.03E-08	1.89E-08	5.81E-09	2.47E-08	4.47E-09	1.49E-09	5.96E-09	3.48E-09	7.17E-10	4.20E-09
3185	624258.94	4265736.24	2.32E-08	7.98E-09	3.12E-08	1.94E-08	5.97E-09	2.54E-08	4.59E-09	1.53E-09	6.12E-09	3.58E-09	7.36E-10	4.32E-09
3186	624258.8	4265746.13	2.38E-08	8.20E-09	3.20E-08	1.99E-08	6.14E-09	2.61E-08	4.72E-09	1.57E-09	6.29E-09	3.68E-09	7.56E-10	4.43E-09
3187	624258.65	4265756.03	2.45E-08	8.41E-09	3.29E-08	2.04E-08	6.30E-09	2.67E-08	4.84E-09	1.61E-09	6.45E-09	3.78E-09	7.76E-10	4.55E-09
3188	624258.51	4265765.92	2.51E-08	8.63E-09	3.37E-08	2.10E-08	6.46E-09	2.74E-08	4.97E-09	1.65E-09	6.62E-09	3.87E-09	7.96E-10	4.67E-09
3189	624258.37	4265775.81	2.57E-08	8.84E-09	3.46E-08	2.15E-08	6.62E-09	2.81E-08	5.09E-09	1.69E-09	6.78E-09	3.97E-09	8.16E-10	4.78E-09
3190	624258.08	4265795.6	2.69E-08	9.26E-09	3.62E-08	2.25E-08	6.93E-09	2.94E-08	5.33E-09	1.77E-09	7.10E-09	4.15E-09	8.55E-10	5.01E-09
3191	624257.94	4265805.49	2.75E-08	9.46E-09	3.70E-08	2.30E-08	7.08E-09	3.01E-08	5.45E-09	1.81E-09	7.26E-09	4.25E-09	8.73E-10	5.12E-09
3192	624257.79	4265815.38	2.81E-08	9.66E-09	3.77E-08	2.35E-08	7.23E-09	3.07E-08	5.56E-09	1.85E-09	7.41E-09	4.33E-09	8.91E-10	5.22E-09
3193	624257.65	4265825.27	2.86E-08	9.85E-09	3.85E-08	2.39E-08	7.37E-09	3.13E-08	5.67E-09	1.89E-09	7.56E-09	4.42E-09	9.09E-10	5.33E-09
3194	624238.73	4265657.85	1.70E-08	5.85E-09	2.29E-08	1.42E-08	4.38E-09	1.86E-08	3.37E-09	1.12E-09	4.49E-09	2.62E-09	5.40E-10	3.16E-09
3195	624242.51	4265649.07	1.69E-08	5.82E-09	2.27E-08	1.41E-08	4.36E-09	1.85E-08	3.35E-09	1.11E-09	4.46E-09	2.61E-09	5.37E-10	3.15E-09
3196	624246.3	4265640.28	1.68E-08	5.79E-09	2.26E-08	1.41E-08	4.33E-09	1.84E-08	3.33E-09	1.11E-09	4.44E-09	2.60E-09	5.34E-10	3.13E-09
3197	624269.02	4265587.59	1.62E-08	5.56E-09	2.17E-08	1.35E-08	4.16E-09	1.77E-08	3.20E-09	1.07E-09	4.27E-09	2.49E-09	5.13E-10	3.01E-09
3198	624281.69	4265575.27	1.64E-08	5.64E-09	2.20E-08	1.37E-08	4.22E-09	1.79E-08	3.24E-09	1.08E-09	4.32E-09	2.53E-09	5.20E-10	3.05E-09
3199	624290.57	4265571.74	1.68E-08	5.76E-09	2.25E-08	1.40E-08	4.31E-09	1.83E-08	3.32E-09	1.10E-09	4.42E-09	2.58E-09	5.32E-10	3.12E-09
3200	624299.46	4265568.2	1.71E-08	5.89E-09	2.30E-08	1.43E-08	4.41E-09	1.87E-08	3.39E-09	1.13E-09	4.52E-09	2.64E-09	5.43E-10	3.18E-09
3201	624308.35	4265564.67	1.75E-08	6.01E-09	2.35E-08	1.46E-08	4.50E-09	1.91E-08	3.46E-09	1.15E-09	4.61E-09	2.70E-09	5.55E-10	3.25E-09
3202	624317.23	4265561.13	1.78E-08	6.13E-09	2.40E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.17E-09	4.70E-09	2.75E-09	5.66E-10	3.32E-09
3203	624326.12	4265557.59	1.82E-08	6.25E-09	2.44E-08	1.52E-08	4.68E-09	1.99E-08	3.59E-09	1.20E-09	4.79E-09	2.80E-09	5.76E-10	3.38E-09
3204	624335	4265554.06	1.85E-08	6.36E-09	2.49E-08	1.55E-08	4.76E-09	2.02E-08	3.66E-09	1.22E-09	4.88E-09	2.85E-09	5.87E-10	3.44E-09
3205	624343.89	4265550.52	1.88E-08	6.48E-09	2.53E-08	1.57E-08	4.85E-09	2.06E-08	3.73E-09	1.24E-09	4.97E-09	2.91E-09	5.98E-10	3.50E-09
3206	624352.78	4265546.99	1.92E-08	6.60E-09	2.58E-08	1.60E-08	4.94E-09	2.10E-08	3.80E-09	1.26E-09	5.06E-09	2.96E-09	6.09E-10	3.57E-09
3207	624234.66	4265686.42	1.79E-08	6.15E-09	2.41E-08	1.50E-08	4.61E-09	1.96E-08	3.54E-09	1.18E-09	4.72E-09	2.76E-09	5.68E-10	3.33E-09
3208	624234.51	4265696.31	1.83E-08	6.30E-09	2.46E-08	1.53E-08	4.72E-09	2.00E-08	3.63E-09	1.21E-09	4.83E-09	2.83E-09	5.81E-10	3.41E-09
3209	624234.37	4265706.2	1.87E-08	6.44E-09	2.52E-08	1.57E-08	4.83E-09	2.05E-08	3.71E-09	1.23E-09	4.94E-09	2.89E-09	5.95E-10	3.49E-09
3210	624234.23	4265716.09	1.92E-08	6.60E-09	2.58E-08	1.60E-08	4.94E-09	2.10E-08	3.80E-09	1.26E-09	5.06E-09	2.96E-09	6.09E-10	3.57E-09
3211	624234.08	4265725.99	1.96E-08	6.75E-09	2.64E-08	1.64E-08	5.06E-09	2.15E-08	3.89E-09	1.29E-09	5.18E-09	3.03E-09	6.23E-10	3.65E-09
3212	624233.94	4265735.88	2.01E-08	6.91E-09	2.70E-08	1.68E-08	5.18E-09	2.20E-08	3.98E-09	1.32E-09	5.30E-09	3.10E-09	6.38E-10	3.74E-09
3213	624233.8	4265745.77	2.06E-08	7.08E-09	2.77E-08	1.72E-08	5.30E-09	2.25E-08	4.07E-09	1.36E-09	5.43E-09	3.18E-09	6.53E-10	3.83E-09
3214	624233.65	4265755.66	2.11E-08	7.25E-09	2.83E-08	1.76E-08	5.43E-09	2.30E-08	4.17E-09	1.39E-09	5.56E-09	3.25E-09	6.69E-10	3.92E-09
3215	624233.51	4265765.56	2.16E-08	7.41E-09	2.90E-08	1.80E-08	5.55E-09	2.36E-08	4.27E-09	1.42E-09	5.69E-09	3.33E-09	6.84E-10	4.01E-09
3216	624233.37	4265775.45	2.20E-08	7.58E-09	2.96E-08	1.84E-08	5.67E-09	2.41E-08	4.36E-09	1.45E-09	5.81E-09	3.40E-09	6.99E-10	4.10E-09
3217	624233.23	4265785.34	2.25E-08	7.74E-09	3.03E-08	1.88E-08	5.80E-09	2.46E-08	4.46E-09	1.48E-09	5.94E-09	3.47E-09	7.15E-10	4.19E-09
3218	624233.08	4265795.23	2.30E-08	7.90E-09	3.09E-08	1.92E-08	5.92E-09	2.51E-08	4.55E-09	1.51E-09	6.06E-09	3.55E-09	7.29E-10	4.28E-09
3219	624232.94	4265805.13	2.34E-08	8.06E-09	3.15E-08	1.96E-08	6.03E-09	2.56E-08	4.64E-09	1.54E-09	6.18E-09	3.62E-09	7.44E-10	4.36E-09
3220	624232.8	4265815.02	2.39E-08	8.21E-09	3.21E-08	2.00E-08	6.15E-09	2.61E-08	4.73E-09	1.57E-09	6.30E-09	3.69E-09	7.58E-10	4.44E-09
3221	624232.65	4265824.91	2.43E-08	8.36E-09	3.27E-08	2.03E-08	6.26E-09	2.66E-08	4.81E-09	1.60E-09	6.42E-09	3.75E-09	7.72E-10	4.52E-09
3222	624213.73	4265657.49	1.53E-08	5.26E-09	2.06E-08	1.28E-08	3.94E-09	1.67E-08	3.03E-09	1.01E-09	4.04E-09	2.36E-09	4.85E-10	2.85E-09
3223	624217.52	4265648.71	1.52E-08	5.24E-09	2.05E-08	1.27E-08	3.92E-09	1.67E-08	3.02E-09	1.00E-09	4.02E-09	2.35E-09	4.84E-10	2.83E-09
3224	624221.3	4265639.92	1.52E-08	5.22E-09	2.04E-08	1.27E-08	3.91E-09	1.66E-08	3.00E-09	1.00E-09	4.00E-09	2.34E-09	4.82E-10	2.82E-09
3225	624225.09	4265631.14	1.51E-08	5.20E-09	2.03E-08	1.26E-08	3.89E-09	1.65E-08	2.99E-09	9.96E-10	3.99E-09	2.33E-09	4.80E-10	2.81E-09
3226	624244.02	4265587.23	1.48E-08	5.08E-09	1.98E-08	1.23E-08	3.80E-09	1.61E-08	2.92E-09	9.72E-10	3.89E-09	2.28E-09	4.68E-10	2.75E-09
3227	624247.81	4265578.45	1.47E-08	5.04E-09	1.97E-08	1.23E-08	3.78E-09	1.60E-08	2.90E-09	9.66E-10	3.87E-09	2.26E-09	4.65E-10	2.73E-09
3228	624251.59	4265569.66	1.46E-08	5.01E-09	1.96E-08	1.22E-08	3.75E-09	1.59E-08	2.88E-09	9.59E-10	3.84E-09	2.25E-09	4.62E-10	2.71E-09
3229	624264.26	4265557.35	1.47E-08	5.07E-09	1.98E-08	1.23E-08	3.80E-09	1.61E-08	2.92E-09	9.72E-10	3.89E-09	2.28E-09	4.68E-10	2.74E-09
3230	624273.15	4265553.81	1.51E-08	5.18E-09	2.02E-08	1.26E-08	3.87E-09	1.65E-08	2.98E-09	9.92E-10	3.97E-09	2.32E-09	4.78E-10	2.80E-09
3231	624282.04	4265550.28	1.53E-08	5.28E-09	2.06E-08	1.28E-08	3.95E-09	1.68E-08	3.04E-09	1.01E-09	4.05E-09	2.37E-09	4.87E-10	2.86E-09
3232	624290.92	4265546.74	1.56E-08	5.38E-09	2.10E-08	1.31E-08	4.03E-09	1.71E-08	3.10E-09	1.03E-09	4.13E-09	2.41E-09	4.96E-10	2.91E-09
3233	624299.81	4265543.2	1.59E-08	5.48E-09	2.14E-08	1.33E-08	4.10E-09	1.74E-08	3.15E-09	1.05E-09	4.20E-09	2.46E-09	5.05E-10	2.96E-09
3234	624308.69	4265539.67	1.62E-08	5.57E-09	2.18E-08	1.35E-08	4.17E-09	1.77E-08	3.21E-09	1.07E-09	4.27E-09	2.50E-09	5.14E-10	3.01E-09
3235	624317.58	4265536.13	1.65E-08	5.66E-09	2.21E-08	1.38E-08	4.24E-09	1.80E-08	3.26E-09	1.09E-09	4.35E-09	2.54E-09	5.23E-10	3.06E-09
3236	624326.47	4265532.6	1.67E-08	5.75E-09	2.25E-08	1.40E-08	4.31E-09	1.83E-08	3.31E-09	1.10E-09	4.41E-09	2.58E-09	5.31E-10	3.11E-09
3237	624335.35	4265529.06	1.70E-08	5.84E-09	2.28E-08	1.42E-08	4.38E-09	1.86E-08	3.36E-09	1.12E-09	4.48E-09	2.62E-09	5.39E-10	3.16E-09
3238	624344.24	4265525.53	1.73E-08	5.94E-09	2.32E-08	1.44E-08	4.45E-09	1.89E-08	3.42E-09	1.14E-09	4.56E-09	2.66E-09	5.48E-10	3.21E-09
3239	624353.12	4265521.99	1.75E-08	6.03E-09	2.36E-08	1.47E-08	4.52E-09	1.92E-08	3.47E-09	1.16E-09	4.63E-09	2.71E-09	5.57E-10	3.26E-09

3240	624209.95	4265666.27	1.53E-08	5.28E-09	2.06E-08	1.28E-08	3.95E-09	1.68E-08	3.04E-09	1.01E-09	4.05E-09	2.37E-09	4.87E-10	2.86E-09
3241	624209.8	4265676.16	1.57E-08	5.39E-09	2.11E-08	1.31E-08	4.03E-09	1.71E-08	3.10E-09	1.03E-09	4.13E-09	2.42E-09	4.97E-10	2.91E-09
3242	624209.66	4265686.06	1.60E-08	5.50E-09	2.15E-08	1.34E-08	4.12E-09	1.75E-08	3.17E-09	1.05E-09	4.22E-09	2.47E-09	5.08E-10	2.98E-09
3243	624209.09	4265725.63	1.73E-08	5.96E-09	2.33E-08	1.45E-08	4.46E-09	1.90E-08	3.43E-09	1.14E-09	4.57E-09	2.68E-09	5.50E-10	3.23E-09
3244	624208.94	4265735.52	1.77E-08	6.09E-09	2.38E-08	1.48E-08	4.56E-09	1.94E-08	3.50E-09	1.17E-09	4.67E-09	2.73E-09	5.62E-10	3.29E-09
3245	624208.8	4265745.41	1.81E-08	6.22E-09	2.43E-08	1.51E-08	4.65E-09	1.98E-08	3.58E-09	1.19E-09	4.77E-09	2.79E-09	5.74E-10	3.36E-09
3246	624208.66	4265755.3	1.85E-08	6.35E-09	2.48E-08	1.54E-08	4.75E-09	2.02E-08	3.65E-09	1.22E-09	4.87E-09	2.85E-09	5.86E-10	3.43E-09
3247	624208.51	4265765.2	1.88E-08	6.48E-09	2.53E-08	1.58E-08	4.85E-09	2.06E-08	3.73E-09	1.24E-09	4.97E-09	2.91E-09	5.98E-10	3.51E-09
3248	624208.37	4265775.09	1.92E-08	6.61E-09	2.58E-08	1.61E-08	4.95E-09	2.10E-08	3.81E-09	1.27E-09	5.07E-09	2.97E-09	6.10E-10	3.58E-09
3249	624208.23	4265784.98	1.96E-08	6.74E-09	2.64E-08	1.64E-08	5.05E-09	2.14E-08	3.88E-09	1.29E-09	5.17E-09	3.03E-09	6.22E-10	3.65E-09
3250	624208.09	4265794.87	2.00E-08	6.87E-09	2.69E-08	1.67E-08	5.15E-09	2.19E-08	3.96E-09	1.32E-09	5.27E-09	3.08E-09	6.34E-10	3.72E-09
3251	624207.94	4265804.77	2.04E-08	7.00E-09	2.74E-08	1.70E-08	5.24E-09	2.23E-08	4.03E-09	1.34E-09	5.37E-09	3.14E-09	6.46E-10	3.79E-09
3252	624207.8	4265814.66	2.07E-08	7.12E-09	2.78E-08	1.73E-08	5.33E-09	2.27E-08	4.10E-09	1.37E-09	5.47E-09	3.20E-09	6.58E-10	3.85E-09
3253	624207.66	4265824.55	2.11E-08	7.25E-09	2.83E-08	1.76E-08	5.42E-09	2.30E-08	4.17E-09	1.39E-09	5.56E-09	3.25E-09	6.69E-10	3.92E-09
3254	624219.02	4265586.87	1.35E-08	4.65E-09	1.82E-08	1.13E-08	3.48E-09	1.48E-08	2.68E-09	8.91E-10	3.57E-09	2.09E-09	4.29E-10	2.52E-09
3255	624222.81	4265578.09	1.35E-08	4.63E-09	1.81E-08	1.12E-08	3.46E-09	1.47E-08	2.66E-09	8.87E-10	3.55E-09	2.08E-09	4.27E-10	2.50E-09
3256	624226.59	4265569.3	1.34E-08	4.60E-09	1.80E-08	1.12E-08	3.45E-09	1.46E-08	2.65E-09	8.82E-10	3.53E-09	2.07E-09	4.25E-10	2.49E-09
3257	624230.38	4265560.52	1.33E-08	4.58E-09	1.79E-08	1.11E-08	3.43E-09	1.46E-08	2.63E-09	8.77E-10	3.51E-09	2.05E-09	4.22E-10	2.48E-09
3258	624234.17	4265551.74	1.32E-08	4.55E-09	1.78E-08	1.11E-08	3.41E-09	1.45E-08	2.62E-09	8.72E-10	3.49E-09	2.04E-09	4.20E-10	2.46E-09
3259	624246.84	4265539.42	1.34E-08	4.61E-09	1.80E-08	1.12E-08	3.45E-09	1.46E-08	2.65E-09	8.83E-10	3.53E-09	2.07E-09	4.25E-10	2.49E-09
3260	624255.72	4265535.88	1.37E-08	4.70E-09	1.83E-08	1.14E-08	3.52E-09	1.49E-08	2.70E-09	9.00E-10	3.60E-09	2.11E-09	4.33E-10	2.54E-09
3261	624264.61	4265532.35	1.39E-08	4.78E-09	1.87E-08	1.16E-08	3.58E-09	1.52E-08	2.75E-09	9.16E-10	3.67E-09	2.15E-09	4.41E-10	2.59E-09
3262	624273.5	4265528.81	1.42E-08	4.87E-09	1.90E-08	1.18E-08	3.64E-09	1.55E-08	2.80E-09	9.32E-10	3.73E-09	2.18E-09	4.49E-10	2.63E-09
3263	624282.38	4265525.28	1.44E-08	4.95E-09	1.93E-08	1.20E-08	3.71E-09	1.57E-08	2.85E-09	9.48E-10	3.80E-09	2.22E-09	4.57E-10	2.68E-09
3264	624291.27	4265521.74	1.46E-08	5.03E-09	1.97E-08	1.22E-08	3.76E-09	1.60E-08	2.89E-09	9.63E-10	3.86E-09	2.26E-09	4.64E-10	2.72E-09
3265	624300.15	4265518.21	1.48E-08	5.10E-09	1.99E-08	1.24E-08	3.82E-09	1.62E-08	2.94E-09	9.78E-10	3.92E-09	2.29E-09	4.71E-10	2.76E-09
3266	624309.04	4265514.67	1.51E-08	5.18E-09	2.02E-08	1.26E-08	3.88E-09	1.65E-08	2.98E-09	9.92E-10	3.97E-09	2.32E-09	4.78E-10	2.80E-09
3267	624317.93	4265511.14	1.53E-08	5.25E-09	2.05E-08	1.28E-08	3.93E-09	1.67E-08	3.02E-09	1.01E-09	4.03E-09	2.36E-09	4.85E-10	2.84E-09
3268	624326.81	4265507.6	1.55E-08	5.32E-09	2.08E-08	1.29E-08	3.99E-09	1.69E-08	3.06E-09	1.02E-09	4.08E-09	2.39E-09	4.91E-10	2.88E-09
3269	624335.7	4265504.06	1.57E-08	5.40E-09	2.11E-08	1.31E-08	4.04E-09	1.72E-08	3.11E-09	1.03E-09	4.14E-09	2.42E-09	4.98E-10	2.92E-09
3270	624344.58	4265500.53	1.59E-08	5.47E-09	2.14E-08	1.33E-08	4.10E-09	1.74E-08	3.15E-09	1.05E-09	4.20E-09	2.46E-09	5.05E-10	2.96E-09
3271	624353.47	4265496.99	1.62E-08	5.55E-09	2.17E-08	1.35E-08	4.16E-09	1.77E-08	3.20E-09	1.06E-09	4.26E-09	2.49E-09	5.13E-10	3.00E-09
3272	624184.95	4265665.91	1.39E-08	4.78E-09	1.87E-08	1.16E-08	3.58E-09	1.52E-08	2.75E-09	9.16E-10	3.67E-09	2.14E-09	4.41E-10	2.59E-09
3273	624184.81	4265675.8	1.42E-08	4.87E-09	1.90E-08	1.18E-08	3.65E-09	1.55E-08	2.80E-09	9.33E-10	3.74E-09	2.18E-09	4.49E-10	2.63E-09
3274	624184.66	4265685.69	1.44E-08	4.96E-09	1.94E-08	1.21E-08	3.71E-09	1.58E-08	2.85E-09	9.50E-10	3.80E-09	2.22E-09	4.58E-10	2.68E-09
3275	624184.52	4265695.59	1.47E-08	5.05E-09	1.97E-08	1.23E-08	3.78E-09	1.61E-08	2.91E-09	9.67E-10	3.87E-09	2.27E-09	4.66E-10	2.73E-09
3276	624184.38	4265705.48	1.49E-08	5.14E-09	2.01E-08	1.25E-08	3.85E-09	1.63E-08	2.96E-09	9.85E-10	3.94E-09	2.31E-09	4.74E-10	2.78E-09
3277	624184.23	4265715.37	1.52E-08	5.23E-09	2.04E-08	1.27E-08	3.92E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.35E-09	4.83E-10	2.83E-09
3278	624184.09	4265725.26	1.55E-08	5.33E-09	2.08E-08	1.29E-08	3.99E-09	1.69E-08	3.07E-09	1.02E-09	4.09E-09	2.39E-09	4.92E-10	2.88E-09
3279	624183.95	4265735.16	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.01E-10	2.93E-09
3280	624183.8	4265745.05	1.61E-08	5.53E-09	2.16E-08	1.34E-08	4.14E-09	1.76E-08	3.18E-09	1.06E-09	4.24E-09	2.48E-09	5.10E-10	2.99E-09
3281	624183.66	4265754.94	1.64E-08	5.63E-09	2.20E-08	1.37E-08	4.22E-09	1.79E-08	3.24E-09	1.08E-09	4.32E-09	2.53E-09	5.20E-10	3.05E-09
3282	624183.52	4265764.83	1.67E-08	5.74E-09	2.24E-08	1.39E-08	4.30E-09	1.82E-08	3.30E-09	1.10E-09	4.40E-09	2.58E-09	5.30E-10	3.10E-09
3283	624183.37	4265774.73	1.70E-08	5.85E-09	2.29E-08	1.42E-08	4.38E-09	1.86E-08	3.37E-09	1.12E-09	4.49E-09	2.62E-09	5.40E-10	3.16E-09
3284	624183.23	4265784.62	1.73E-08	5.96E-09	2.33E-08	1.45E-08	4.46E-09	1.89E-08	3.43E-09	1.14E-09	4.57E-09	2.67E-09	5.50E-10	3.22E-09
3285	624183.09	4265794.51	1.76E-08	6.06E-09	2.37E-08	1.47E-08	4.54E-09	1.93E-08	3.49E-09	1.16E-09	4.65E-09	2.72E-09	5.59E-10	3.28E-09
3286	624182.94	4265804.4	1.79E-08	6.17E-09	2.41E-08	1.50E-08	4.62E-09	1.96E-08	3.55E-09	1.18E-09	4.73E-09	2.77E-09	5.69E-10	3.34E-09
3287	624182.8	4265814.3	1.82E-08	6.27E-09	2.45E-08	1.52E-08	4.69E-09	1.99E-08	3.61E-09	1.20E-09	4.81E-09	2.81E-09	5.79E-10	3.39E-09
3288	624194.02	4265586.51	1.24E-08	4.27E-09	1.67E-08	1.04E-08	3.20E-09	1.36E-08	2.46E-09	8.18E-10	3.28E-09	1.92E-09	3.94E-10	2.31E-09
3289	624197.81	4265577.72	1.24E-08	4.26E-09	1.66E-08	1.03E-08	3.19E-09	1.35E-08	2.45E-09	8.16E-10	3.27E-09	1.91E-09	3.93E-10	2.30E-09
3290	624201.6	4265568.94	1.23E-08	4.24E-09	1.66E-08	1.03E-08	3.18E-09	1.35E-08	2.44E-09	8.13E-10	3.26E-09	1.90E-09	3.92E-10	2.30E-09
3291	624205.38	4265560.16	1.23E-08	4.23E-09	1.65E-08	1.03E-08	3.16E-09	1.34E-08	2.43E-09	8.10E-10	3.24E-09	1.90E-09	3.90E-10	2.29E-09
3292	624209.17	4265551.38	1.22E-08	4.21E-09	1.64E-08	1.02E-08	3.15E-09	1.34E-08	2.42E-09	8.06E-10	3.23E-09	1.89E-09	3.88E-10	2.28E-09
3293	624212.95	4265542.59	1.22E-08	4.19E-09	1.64E-08	1.02E-08	3.13E-09	1.33E-08	2.41E-09	8.02E-10	3.21E-09	1.88E-09	3.86E-10	2.26E-09
3294	624216.74	4265533.81	1.21E-08	4.16E-09	1.63E-08	1.01E-08	3.12E-09	1.32E-08	2.40E-09	7.98E-10	3.19E-09	1.87E-09	3.84E-10	2.25E-09
3295	624229.41	4265521.49	1.23E-08	4.22E-09	1.65E-08	1.02E-08	3.16E-09	1.34E-08	2.43E-09	8.08E-10	3.23E-09	1.89E-09	3.89E-10	2.28E-09
3296	624238.3	4265517.96	1.25E-08	4.29E-09	1.68E-08	1.04E-08	3.21E-09	1.36E-08	2.47E-09	8.22E-10	3.29E-09	1.93E-09	3.96E-10	2.32E-09
3297	624247.18	4265514.42	1.27E-08	4.37E-09	1.71E-08	1.06E-08	3.27E-09	1.39E-08	2.51E-09	8.37E-10	3.35E-09	1.96E-09	4.03E-10	2.36E-09
3298	624256.07	4265510.89	1.29E-08	4.44E-09	1.74E-08	1.08E-08	3.32E-09	1.41E-08	2.56E-09	8.51E-10	3.41E-09	1.99E-09	4.10E-10	2.40E-09
3299	624264.96	4265507.35	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.38E-09	1.43E-08	2.60E-09	8.64E-10	3.46E-09	2.02E-09	4.16E-10	2.44E-09
3300	624273.84	4265503.82	1.33E-08	4.58E-09	1.79E-08	1.11E-08	3.43E-09	1.46E-08	2.64E-09	8.77E-10	3.51E-09	2.05E-09	4.23E-10	2.48E-09
3301	624282.73	4265500.28	1.35E-08	4.64E-09	1.82E-08	1.13E-08	3.48E-09	1.48E-08	2.67E-09	8.90E-10	3.56E-09	2.08E-09	4.29E-10	2.51E-09
3302	624291.61	4265496.74	1.37E-08	4.71E-09	1.84E-08	1.14E-08	3.52E-09	1.50E-08	2.71E-09	9.02E-10	3.61E-09	2.11E-09	4.34E-10	2.55E-09
3303	624300.5	4265493.21	1.39E-08	4.77E-09	1.86E-08	1.16E-08	3.57E-09	1.52E-08	2.74E-09	9.13E-10	3.66E-09	2.14E-09	4.40E-10	2.58E-09
3304	624309.39	4265489.67	1.40E-08	4.83E-09	1.89E-08	1.17E-08	3.61E-09	1.53E-08	2.78E-09	9.25E-10	3.70E-09	2.17E-09	4.45E-10	2.61E-09
3305	624318.27	4265486.14	1.42E-08	4.88E-09	1.91E-08	1.19E-08	3.66E-09	1.55E-08	2.81E-09	9.36E-10	3.75E-09	2.19E-09	4.51E-10	2.64E-09
3306	624327.16	4265482.6	1.44E-08	4.94E-09	1.93E-08	1.20E-08	3.70E-09	1.57E-08	2.85E-09	9.47E-10	3.79E-09	2.22E-09	4.56E-10	2.67E-09
3307	624336.04	4265479.07	1.46E-08	5.00E-09	1.96E-08	1.22E-08	3.75E-09	1.59E-08	2.88E-09	9.59E-10	3.84E-09	2.25E-09	4.62E-10	2.71E-09
3308	624344.93	4265475.53	1.47E-08	5.07E-09	1.98E-08	1.23E-08	3.80E-09	1.61E-08	2.92E-09	9.71E-10	3.89E-09	2.27E-09	4.68E-10	2.74E-09

3309	624353.82	4265471.99	1.49E-08	5.14E-09	2.01E-08	1.25E-08	3.85E-09	1.63E-08	2.96E-09	9.85E-10	3.94E-09	2.31E-09	4.74E-10	2.78E-09
3310	624159.52	4265695.22	1.33E-08	4.58E-09	1.79E-08	1.11E-08	3.43E-09	1.46E-08	2.64E-09	8.77E-10	3.51E-09	2.05E-09	4.23E-10	2.48E-09
3311	624159.38	4265705.12	1.35E-08	4.65E-09	1.82E-08	1.13E-08	3.48E-09	1.48E-08	2.68E-09	8.92E-10	3.57E-09	2.09E-09	4.29E-10	2.52E-09
3312	624159.24	4265715.01	1.37E-08	4.73E-09	1.85E-08	1.15E-08	3.54E-09	1.50E-08	2.72E-09	9.06E-10	3.63E-09	2.12E-09	4.36E-10	2.56E-09
3313	624159.09	4265724.9	1.40E-08	4.80E-09	1.88E-08	1.17E-08	3.60E-09	1.53E-08	2.77E-09	9.20E-10	3.69E-09	2.16E-09	4.43E-10	2.60E-09
3314	624158.95	4265734.79	1.42E-08	4.88E-09	1.91E-08	1.19E-08	3.66E-09	1.55E-08	2.81E-09	9.35E-10	3.75E-09	2.19E-09	4.51E-10	2.64E-09
3315	624158.81	4265744.69	1.44E-08	4.96E-09	1.94E-08	1.21E-08	3.72E-09	1.58E-08	2.86E-09	9.51E-10	3.81E-09	2.23E-09	4.58E-10	2.69E-09
3316	624158.66	4265754.58	1.47E-08	5.05E-09	1.97E-08	1.23E-08	3.78E-09	1.61E-08	2.91E-09	9.67E-10	3.87E-09	2.27E-09	4.66E-10	2.73E-09
3317	624158.52	4265764.47	1.49E-08	5.14E-09	2.01E-08	1.25E-08	3.85E-09	1.63E-08	2.96E-09	9.84E-10	3.94E-09	2.31E-09	4.74E-10	2.78E-09
3318	624158.38	4265774.36	1.52E-08	5.23E-09	2.04E-08	1.27E-08	3.91E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.35E-09	4.82E-10	2.83E-09
3319	624158.23	4265784.26	1.55E-08	5.32E-09	2.08E-08	1.29E-08	3.98E-09	1.69E-08	3.06E-09	1.02E-09	4.08E-09	2.39E-09	4.91E-10	2.88E-09
3320	624158.09	4265794.15	1.57E-08	5.41E-09	2.11E-08	1.31E-08	4.05E-09	1.72E-08	3.11E-09	1.04E-09	4.15E-09	2.43E-09	4.99E-10	2.93E-09
3321	624157.95	4265804.04	1.60E-08	5.50E-09	2.15E-08	1.34E-08	4.11E-09	1.75E-08	3.16E-09	1.05E-09	4.22E-09	2.47E-09	5.07E-10	2.97E-09
3322	624157.8	4265813.93	1.62E-08	5.58E-09	2.18E-08	1.36E-08	4.18E-09	1.78E-08	3.21E-09	1.07E-09	4.28E-09	2.51E-09	5.15E-10	3.02E-09
3323	624165.24	4265594.93	1.14E-08	3.94E-09	1.54E-08	9.57E-09	2.95E-09	1.25E-08	2.27E-09	7.54E-10	3.02E-09	1.77E-09	3.63E-10	2.13E-09
3324	624169.03	4265586.14	1.14E-08	3.93E-09	1.54E-08	9.55E-09	2.94E-09	1.25E-08	2.26E-09	7.53E-10	3.02E-09	1.76E-09	3.63E-10	2.13E-09
3325	624172.81	4265577.36	1.14E-08	3.92E-09	1.53E-08	9.54E-09	2.94E-09	1.25E-08	2.26E-09	7.52E-10	3.01E-09	1.76E-09	3.62E-10	2.12E-09
3326	624176.6	4265568.58	1.14E-08	3.92E-09	1.53E-08	9.52E-09	2.93E-09	1.25E-08	2.25E-09	7.50E-10	3.00E-09	1.76E-09	3.61E-10	2.12E-09
3327	624180.38	4265559.8	1.14E-08	3.91E-09	1.53E-08	9.50E-09	2.92E-09	1.24E-08	2.25E-09	7.49E-10	3.00E-09	1.75E-09	3.61E-10	2.11E-09
3328	624184.17	4265551.01	1.13E-08	3.90E-09	1.52E-08	9.47E-09	2.92E-09	1.24E-08	2.24E-09	7.46E-10	2.99E-09	1.75E-09	3.59E-10	2.11E-09
3329	624187.96	4265542.23	1.13E-08	3.88E-09	1.52E-08	9.44E-09	2.91E-09	1.23E-08	2.23E-09	7.44E-10	2.98E-09	1.74E-09	3.58E-10	2.10E-09
3330	624191.74	4265533.45	1.12E-08	3.87E-09	1.51E-08	9.40E-09	2.89E-09	1.23E-08	2.23E-09	7.41E-10	2.97E-09	1.74E-09	3.57E-10	2.09E-09
3331	624195.53	4265524.67	1.12E-08	3.85E-09	1.50E-08	9.35E-09	2.88E-09	1.22E-08	2.22E-09	7.37E-10	2.95E-09	1.73E-09	3.55E-10	2.08E-09
3332	624199.31	4265515.89	1.11E-08	3.83E-09	1.50E-08	9.31E-09	2.87E-09	1.22E-08	2.20E-09	7.34E-10	2.94E-09	1.72E-09	3.53E-10	2.07E-09
3333	624211.99	4265503.57	1.13E-08	3.88E-09	1.51E-08	9.42E-09	2.90E-09	1.23E-08	2.23E-09	7.43E-10	2.97E-09	1.74E-09	3.58E-10	2.10E-09
3334	624220.87	4265500.03	1.15E-08	3.94E-09	1.54E-08	9.59E-09	2.95E-09	1.25E-08	2.27E-09	7.56E-10	3.03E-09	1.77E-09	3.64E-10	2.13E-09
3335	624229.76	4265496.5	1.17E-08	4.01E-09	1.57E-08	9.75E-09	3.00E-09	1.28E-08	2.31E-09	7.69E-10	3.08E-09	1.80E-09	3.70E-10	2.17E-09
3336	624238.64	4265492.96	1.19E-08	4.08E-09	1.59E-08	9.91E-09	3.05E-09	1.30E-08	2.35E-09	7.81E-10	3.13E-09	1.83E-09	3.76E-10	2.20E-09
3337	624247.53	4265489.42	1.20E-08	4.14E-09	1.62E-08	1.01E-08	3.10E-09	1.32E-08	2.38E-09	7.93E-10	3.17E-09	1.86E-09	3.82E-10	2.24E-09
3338	624256.42	4265485.89	1.22E-08	4.20E-09	1.64E-08	1.02E-08	3.14E-09	1.34E-08	2.42E-09	8.05E-10	3.22E-09	1.88E-09	3.88E-10	2.27E-09
3339	624265.3	4265482.35	1.24E-08	4.26E-09	1.66E-08	1.03E-08	3.19E-09	1.35E-08	2.45E-09	8.16E-10	3.27E-09	1.91E-09	3.93E-10	2.30E-09
3340	624274.19	4265478.82	1.25E-08	4.31E-09	1.68E-08	1.05E-08	3.23E-09	1.37E-08	2.48E-09	8.26E-10	3.31E-09	1.93E-09	3.98E-10	2.33E-09
3341	624283.08	4265475.28	1.27E-08	4.36E-09	1.71E-08	1.06E-08	3.27E-09	1.39E-08	2.51E-09	8.36E-10	3.35E-09	1.96E-09	4.03E-10	2.36E-09
3342	624291.96	4265471.75	1.28E-08	4.41E-09	1.72E-08	1.07E-08	3.30E-09	1.40E-08	2.54E-09	8.46E-10	3.39E-09	1.98E-09	4.07E-10	2.39E-09
3343	624300.85	4265468.21	1.30E-08	4.46E-09	1.74E-08	1.08E-08	3.34E-09	1.42E-08	2.57E-09	8.55E-10	3.42E-09	2.00E-09	4.12E-10	2.41E-09
3344	624309.73	4265464.68	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.38E-09	1.43E-08	2.60E-09	8.64E-10	3.46E-09	2.02E-09	4.16E-10	2.44E-09
3345	624318.62	4265461.14	1.33E-08	4.56E-09	1.78E-08	1.11E-08	3.41E-09	1.45E-08	2.62E-09	8.73E-10	3.50E-09	2.04E-09	4.21E-10	2.47E-09
3346	624327.51	4265457.6	1.34E-08	4.61E-09	1.80E-08	1.12E-08	3.45E-09	1.46E-08	2.65E-09	8.82E-10	3.53E-09	2.07E-09	4.25E-10	2.49E-09
3347	624336.39	4265454.07	1.35E-08	4.66E-09	1.82E-08	1.13E-08	3.49E-09	1.48E-08	2.68E-09	8.93E-10	3.57E-09	2.09E-09	4.30E-10	2.52E-09
3348	624345.28	4265450.53	1.37E-08	4.72E-09	1.84E-08	1.15E-08	3.53E-09	1.50E-08	2.71E-09	9.03E-10	3.62E-09	2.12E-09	4.35E-10	2.55E-09
3349	624354.16	4265447	1.39E-08	4.77E-09	1.87E-08	1.16E-08	3.58E-09	1.52E-08	2.75E-09	9.15E-10	3.66E-09	2.14E-09	4.41E-10	2.58E-09
3350	624140.24	4265594.56	1.06E-08	3.64E-09	1.42E-08	8.84E-09	2.72E-09	1.16E-08	2.09E-09	6.97E-10	2.79E-09	1.63E-09	3.36E-10	1.97E-09
3351	624144.03	4265585.78	1.06E-08	3.63E-09	1.42E-08	8.83E-09	2.72E-09	1.16E-08	2.09E-09	6.96E-10	2.79E-09	1.63E-09	3.35E-10	1.97E-09
3352	624147.82	4265577	1.06E-08	3.63E-09	1.42E-08	8.83E-09	2.72E-09	1.15E-08	2.09E-09	6.96E-10	2.79E-09	1.63E-09	3.35E-10	1.96E-09
3353	624151.6	4265568.22	1.05E-08	3.63E-09	1.42E-08	8.82E-09	2.72E-09	1.15E-08	2.09E-09	6.95E-10	2.78E-09	1.63E-09	3.35E-10	1.96E-09
3354	624155.39	4265559.44	1.05E-08	3.62E-09	1.42E-08	8.80E-09	2.71E-09	1.15E-08	2.08E-09	6.94E-10	2.78E-09	1.62E-09	3.34E-10	1.96E-09
3355	624159.17	4265550.65	1.05E-08	3.61E-09	1.41E-08	8.79E-09	2.71E-09	1.15E-08	2.08E-09	6.93E-10	2.77E-09	1.62E-09	3.34E-10	1.96E-09
3356	624162.96	4265541.87	1.05E-08	3.61E-09	1.41E-08	8.76E-09	2.70E-09	1.15E-08	2.08E-09	6.91E-10	2.77E-09	1.62E-09	3.33E-10	1.95E-09
3357	624166.75	4265533.09	1.05E-08	3.60E-09	1.41E-08	8.74E-09	2.69E-09	1.14E-08	2.07E-09	6.89E-10	2.76E-09	1.61E-09	3.32E-10	1.95E-09
3358	624170.53	4265524.31	1.04E-08	3.58E-09	1.40E-08	8.71E-09	2.68E-09	1.14E-08	2.06E-09	6.87E-10	2.75E-09	1.61E-09	3.31E-10	1.94E-09
3359	624174.32	4265515.52	1.04E-08	3.57E-09	1.40E-08	8.68E-09	2.67E-09	1.14E-08	2.06E-09	6.84E-10	2.74E-09	1.60E-09	3.30E-10	1.93E-09
3360	624178.1	4265506.74	1.03E-08	3.56E-09	1.39E-08	8.64E-09	2.66E-09	1.13E-08	2.05E-09	6.81E-10	2.73E-09	1.60E-09	3.28E-10	1.92E-09
3361	624181.89	4265497.96	1.03E-08	3.54E-09	1.38E-08	8.60E-09	2.65E-09	1.13E-08	2.04E-09	6.78E-10	2.72E-09	1.59E-09	3.27E-10	1.92E-09
3362	624194.56	4265485.64	1.04E-08	3.58E-09	1.40E-08	8.71E-09	2.68E-09	1.14E-08	2.06E-09	6.87E-10	2.75E-09	1.61E-09	3.31E-10	1.94E-09
3363	624203.45	4265482.11	1.06E-08	3.64E-09	1.42E-08	8.85E-09	2.73E-09	1.16E-08	2.10E-09	6.98E-10	2.79E-09	1.63E-09	3.36E-10	1.97E-09
3364	624212.33	4265478.57	1.08E-08	3.70E-09	1.45E-08	9.00E-09	2.77E-09	1.18E-08	2.13E-09	7.09E-10	2.84E-09	1.66E-09	3.42E-10	2.00E-09
3365	624221.22	4265475.03	1.09E-08	3.76E-09	1.47E-08	9.14E-09	2.81E-09	1.20E-08	2.16E-09	7.20E-10	2.88E-09	1.69E-09	3.47E-10	2.03E-09
3366	624230.11	4265471.5	1.11E-08	3.81E-09	1.49E-08	9.27E-09	2.86E-09	1.21E-08	2.20E-09	7.31E-10	2.93E-09	1.71E-09	3.52E-10	2.06E-09
3367	624238.99	4265467.96	1.13E-08	3.87E-09	1.51E-08	9.40E-09	2.90E-09	1.23E-08	2.23E-09	7.41E-10	2.97E-09	1.74E-09	3.57E-10	2.09E-09
3368	624247.88	4265464.43	1.14E-08	3.92E-09	1.53E-08	9.53E-09	2.94E-09	1.25E-08	2.26E-09	7.51E-10	3.01E-09	1.76E-09	3.62E-10	2.12E-09
3369	624256.76	4265460.89	1.16E-08	3.97E-09	1.55E-08	9.65E-09	2.97E-09	1.26E-08	2.29E-09	7.61E-10	3.05E-09	1.78E-09	3.67E-10	2.15E-09
3370	624265.65	4265457.36	1.17E-08	4.02E-09	1.57E-08	9.77E-09	3.01E-09	1.28E-08	2.31E-09	7.70E-10	3.08E-09	1.80E-09	3.71E-10	2.17E-09
3371	624274.54	4265453.82	1.18E-08	4.06E-09	1.59E-08	9.87E-09	3.04E-09	1.29E-08	2.34E-09	7.78E-10	3.12E-09	1.82E-09	3.75E-10	2.20E-09
3372	624283.42	4265450.28	1.19E-08	4.10E-09	1.60E-08	9.98E-09	3.07E-09	1.30E-08	2.36E-09	7.86E-10	3.15E-09	1.84E-09	3.79E-10	2.22E-09
3373	624292.31	4265446.75	1.21E-08	4.14E-09	1.62E-08	1.01E-08	3.10E-09	1.32E-08	2.39E-09	7.94E-10	3.18E-09	1.86E-09	3.82E-10	2.24E-09
3374	624301.19	4265443.21	1.22E-08	4.18E-09	1.63E-08	1.02E-08	3.13E-09	1.33E-08	2.41E-09	8.02E-10	3.21E-09	1.88E-09	3.86E-10	2.26E-09
3375	624310.08	4265439.68	1.23E-08	4.22E-09	1.65E-08	1.03E-08	3.16E-09	1.34E-08	2.43E-09	8.09E-10	3.24E-09	1.90E-09	3.90E-10	2.28E-09
3376	624318.97	4265436.14	1.24E-08	4.26E-09	1.67E-08	1.04E-08	3.19E-09	1.36E-08	2.45E-09	8.17E-10	3.27E-09	1.91E-09	3.93E-10	2.31E-09
3377	624327.85	4265432.61	1.25E-08	4.31E-09	1.68E-08	1.05E-08	3.22E-09	1.37E-08	2.48E-09	8.25E-10	3.30E-09	1.93E-09	3.97E-10	2.33E-09

3378	624336.74	4265429.07	1.27E-08	4.35E-09	1.70E-08	1.06E-08	3.26E-09	1.38E-08	2.51E-09	8.34E-10	3.34E-09	1.95E-09	4.02E-10	2.35E-09
3379	624345.62	4265425.54	1.28E-08	4.40E-09	1.72E-08	1.07E-08	3.30E-09	1.40E-08	2.53E-09	8.43E-10	3.38E-09	1.98E-09	4.06E-10	2.38E-09
3380	624354.51	4265422	1.30E-08	4.45E-09	1.74E-08	1.08E-08	3.33E-09	1.42E-08	2.56E-09	8.53E-10	3.42E-09	2.00E-09	4.11E-10	2.41E-09
3381	624088.74	4265655.68	9.92E-09	3.41E-09	1.33E-08	8.29E-09	2.55E-09	1.08E-08	1.96E-09	6.53E-10	2.62E-09	1.53E-09	3.15E-10	1.84E-09
3382	624092.53	4265646.9	9.90E-09	3.40E-09	1.33E-08	8.27E-09	2.55E-09	1.08E-08	1.96E-09	6.52E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
3383	624115.25	4265594.2	9.82E-09	3.38E-09	1.32E-08	8.20E-09	2.53E-09	1.07E-08	1.94E-09	6.47E-10	2.59E-09	1.51E-09	3.11E-10	1.83E-09
3384	624119.03	4265585.42	9.81E-09	3.37E-09	1.32E-08	8.20E-09	2.53E-09	1.07E-08	1.94E-09	6.46E-10	2.59E-09	1.51E-09	3.11E-10	1.82E-09
3385	624122.82	4265576.64	9.80E-09	3.37E-09	1.32E-08	8.19E-09	2.52E-09	1.07E-08	1.94E-09	6.46E-10	2.59E-09	1.51E-09	3.11E-10	1.82E-09
3386	624126.6	4265567.86	9.80E-09	3.37E-09	1.32E-08	8.19E-09	2.52E-09	1.07E-08	1.94E-09	6.46E-10	2.58E-09	1.51E-09	3.11E-10	1.82E-09
3387	624130.39	4265559.07	9.79E-09	3.37E-09	1.32E-08	8.18E-09	2.52E-09	1.07E-08	1.94E-09	6.45E-10	2.58E-09	1.51E-09	3.11E-10	1.82E-09
3388	624134.18	4265550.29	9.78E-09	3.36E-09	1.31E-08	8.17E-09	2.52E-09	1.07E-08	1.94E-09	6.44E-10	2.58E-09	1.51E-09	3.10E-10	1.82E-09
3389	624137.96	4265541.51	9.77E-09	3.36E-09	1.31E-08	8.16E-09	2.51E-09	1.07E-08	1.93E-09	6.43E-10	2.58E-09	1.51E-09	3.10E-10	1.82E-09
3390	624141.75	4265532.73	9.75E-09	3.35E-09	1.31E-08	8.15E-09	2.51E-09	1.07E-08	1.93E-09	6.42E-10	2.57E-09	1.50E-09	3.09E-10	1.81E-09
3391	624145.53	4265523.94	9.73E-09	3.34E-09	1.31E-08	8.13E-09	2.50E-09	1.06E-08	1.93E-09	6.41E-10	2.57E-09	1.50E-09	3.09E-10	1.81E-09
3392	624149.32	4265515.16	9.70E-09	3.34E-09	1.30E-08	8.11E-09	2.50E-09	1.06E-08	1.92E-09	6.39E-10	2.56E-09	1.50E-09	3.08E-10	1.80E-09
3393	624153.11	4265506.38	9.67E-09	3.32E-09	1.30E-08	8.08E-09	2.49E-09	1.06E-08	1.91E-09	6.37E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
3394	624156.89	4265497.6	9.64E-09	3.31E-09	1.29E-08	8.05E-09	2.48E-09	1.05E-08	1.91E-09	6.35E-10	2.54E-09	1.49E-09	3.06E-10	1.79E-09
3395	624160.68	4265488.82	9.60E-09	3.30E-09	1.29E-08	8.02E-09	2.47E-09	1.05E-08	1.90E-09	6.32E-10	2.53E-09	1.48E-09	3.05E-10	1.79E-09
3396	624164.46	4265480.03	9.56E-09	3.29E-09	1.28E-08	7.99E-09	2.46E-09	1.05E-08	1.89E-09	6.30E-10	2.52E-09	1.48E-09	3.03E-10	1.78E-09
3397	624177.14	4265467.71	9.67E-09	3.33E-09	1.30E-08	8.09E-09	2.49E-09	1.06E-08	1.91E-09	6.37E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
3398	624186.02	4265464.18	9.83E-09	3.38E-09	1.32E-08	8.22E-09	2.53E-09	1.07E-08	1.95E-09	6.48E-10	2.59E-09	1.52E-09	3.12E-10	1.83E-09
3399	624194.91	4265460.64	9.98E-09	3.43E-09	1.34E-08	8.35E-09	2.57E-09	1.09E-08	1.98E-09	6.58E-10	2.63E-09	1.54E-09	3.17E-10	1.86E-09
3400	624203.79	4265457.11	1.01E-08	3.49E-09	1.36E-08	8.47E-09	2.61E-09	1.11E-08	2.01E-09	6.68E-10	2.67E-09	1.56E-09	3.22E-10	1.89E-09
3401	624212.68	4265453.57	1.03E-08	3.54E-09	1.38E-08	8.59E-09	2.65E-09	1.12E-08	2.04E-09	6.77E-10	2.71E-09	1.59E-09	3.26E-10	1.91E-09
3402	624221.57	4265450.04	1.04E-08	3.58E-09	1.40E-08	8.71E-09	2.68E-09	1.14E-08	2.06E-09	6.87E-10	2.75E-09	1.61E-09	3.31E-10	1.94E-09
3403	624230.45	4265446.5	1.06E-08	3.63E-09	1.42E-08	8.82E-09	2.72E-09	1.15E-08	2.09E-09	6.96E-10	2.79E-09	1.63E-09	3.35E-10	1.96E-09
3404	624239.34	4265442.97	1.07E-08	3.68E-09	1.44E-08	8.93E-09	2.75E-09	1.17E-08	2.12E-09	7.04E-10	2.82E-09	1.65E-09	3.39E-10	1.99E-09
3405	624248.22	4265439.43	1.08E-08	3.72E-09	1.45E-08	9.04E-09	2.78E-09	1.18E-08	2.14E-09	7.12E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
3406	624257.11	4265435.89	1.09E-08	3.76E-09	1.47E-08	9.13E-09	2.81E-09	1.19E-08	2.16E-09	7.20E-10	2.88E-09	1.69E-09	3.47E-10	2.03E-09
3407	624266	4265432.36	1.10E-08	3.80E-09	1.48E-08	9.23E-09	2.84E-09	1.21E-08	2.19E-09	7.27E-10	2.91E-09	1.70E-09	3.50E-10	2.05E-09
3408	624274.88	4265428.82	1.11E-08	3.83E-09	1.50E-08	9.31E-09	2.87E-09	1.22E-08	2.21E-09	7.34E-10	2.94E-09	1.72E-09	3.54E-10	2.07E-09
3409	624283.77	4265425.29	1.12E-08	3.87E-09	1.51E-08	9.40E-09	2.89E-09	1.23E-08	2.23E-09	7.41E-10	2.97E-09	1.73E-09	3.57E-10	2.09E-09
3410	624292.65	4265421.75	1.13E-08	3.90E-09	1.52E-08	9.48E-09	2.92E-09	1.24E-08	2.24E-09	7.47E-10	2.99E-09	1.75E-09	3.60E-10	2.11E-09
3411	624301.54	4265418.22	1.14E-08	3.93E-09	1.54E-08	9.56E-09	2.94E-09	1.25E-08	2.26E-09	7.53E-10	3.02E-09	1.76E-09	3.63E-10	2.13E-09
3412	624310.43	4265414.68	1.15E-08	3.97E-09	1.55E-08	9.64E-09	2.97E-09	1.26E-08	2.28E-09	7.60E-10	3.04E-09	1.78E-09	3.66E-10	2.15E-09
3413	624319.31	4265411.14	1.16E-08	4.00E-09	1.56E-08	9.73E-09	3.00E-09	1.27E-08	2.30E-09	7.67E-10	3.07E-09	1.80E-09	3.69E-10	2.16E-09
3414	624328.2	4265407.61	1.17E-08	4.04E-09	1.58E-08	9.82E-09	3.02E-09	1.28E-08	2.33E-09	7.74E-10	3.10E-09	1.81E-09	3.73E-10	2.19E-09
3415	624337.08	4265404.07	1.19E-08	4.08E-09	1.59E-08	9.92E-09	3.06E-09	1.30E-08	2.35E-09	7.82E-10	3.13E-09	1.83E-09	3.77E-10	2.21E-09
3416	624345.97	4265400.54	1.20E-08	4.12E-09	1.61E-08	1.00E-08	3.09E-09	1.31E-08	2.37E-09	7.90E-10	3.16E-09	1.85E-09	3.81E-10	2.23E-09
3417	624354.86	4265397	1.21E-08	4.17E-09	1.63E-08	1.01E-08	3.12E-09	1.33E-08	2.40E-09	7.99E-10	3.20E-09	1.87E-09	3.85E-10	2.26E-09
3418	624084.96	4265664.46	9.93E-09	3.42E-09	1.33E-08	8.30E-09	2.56E-09	1.09E-08	1.97E-09	6.54E-10	2.62E-09	1.53E-09	3.15E-10	1.85E-09
3419	624084.82	4265674.35	1.01E-08	3.46E-09	1.35E-08	8.41E-09	2.59E-09	1.10E-08	1.99E-09	6.63E-10	2.66E-09	1.55E-09	3.19E-10	1.87E-09
3420	624084.67	4265684.25	1.02E-08	3.51E-09	1.37E-08	8.52E-09	2.63E-09	1.12E-08	2.02E-09	6.72E-10	2.69E-09	1.57E-09	3.24E-10	1.90E-09
3421	624084.53	4265694.14	1.03E-08	3.55E-09	1.39E-08	8.63E-09	2.66E-09	1.13E-08	2.04E-09	6.81E-10	2.73E-09	1.59E-09	3.28E-10	1.92E-09
3422	624084.39	4265704.03	1.05E-08	3.60E-09	1.41E-08	8.74E-09	2.69E-09	1.14E-08	2.07E-09	6.89E-10	2.76E-09	1.61E-09	3.32E-10	1.95E-09
3423	624084.24	4265713.92	1.06E-08	3.64E-09	1.42E-08	8.85E-09	2.72E-09	1.16E-08	2.09E-09	6.97E-10	2.79E-09	1.63E-09	3.36E-10	1.97E-09
3424	624084.1	4265723.82	1.07E-08	3.68E-09	1.44E-08	8.95E-09	2.76E-09	1.17E-08	2.12E-09	7.06E-10	2.83E-09	1.65E-09	3.40E-10	1.99E-09
3425	624083.96	4265733.71	1.08E-08	3.73E-09	1.46E-08	9.06E-09	2.79E-09	1.18E-08	2.15E-09	7.14E-10	2.86E-09	1.67E-09	3.44E-10	2.02E-09
3426	624083.81	4265743.6	1.10E-08	3.77E-09	1.47E-08	9.17E-09	2.82E-09	1.20E-08	2.17E-09	7.23E-10	2.89E-09	1.69E-09	3.48E-10	2.04E-09
3427	624083.67	4265753.49	1.11E-08	3.82E-09	1.49E-08	9.28E-09	2.86E-09	1.21E-08	2.20E-09	7.32E-10	2.93E-09	1.71E-09	3.52E-10	2.07E-09
3428	624083.53	4265763.39	1.13E-08	3.87E-09	1.51E-08	9.40E-09	2.90E-09	1.23E-08	2.23E-09	7.41E-10	2.97E-09	1.74E-09	3.57E-10	2.09E-09
3429	624083.38	4265773.28	1.14E-08	3.92E-09	1.53E-08	9.53E-09	2.94E-09	1.25E-08	2.26E-09	7.51E-10	3.01E-09	1.76E-09	3.62E-10	2.12E-09
3430	624083.24	4265783.17	1.16E-08	3.97E-09	1.55E-08	9.66E-09	2.98E-09	1.26E-08	2.29E-09	7.62E-10	3.05E-09	1.78E-09	3.67E-10	2.15E-09
3431	624083.1	4265793.06	1.17E-08	4.03E-09	1.57E-08	9.80E-09	3.02E-09	1.28E-08	2.32E-09	7.72E-10	3.09E-09	1.81E-09	3.72E-10	2.18E-09
3432	624082.96	4265802.96	1.19E-08	4.09E-09	1.60E-08	9.93E-09	3.06E-09	1.30E-08	2.35E-09	7.83E-10	3.14E-09	1.83E-09	3.77E-10	2.21E-09
3433	624082.81	4265812.85	1.21E-08	4.14E-09	1.62E-08	1.01E-08	3.10E-09	1.32E-08	2.39E-09	7.94E-10	3.18E-09	1.86E-09	3.82E-10	2.24E-09
3434	624082.67	4265822.74	1.22E-08	4.20E-09	1.64E-08	1.02E-08	3.14E-09	1.34E-08	2.42E-09	8.05E-10	3.22E-09	1.88E-09	3.88E-10	2.27E-09
3435	624082.53	4265832.63	1.24E-08	4.26E-09	1.66E-08	1.03E-08	3.19E-09	1.35E-08	2.45E-09	8.16E-10	3.27E-09	1.91E-09	3.93E-10	2.30E-09
3436	624082.38	4265842.53	1.25E-08	4.31E-09	1.68E-08	1.05E-08	3.23E-09	1.37E-08	2.48E-09	8.26E-10	3.31E-09	1.93E-09	3.98E-10	2.33E-09
3437	624082.24	4265852.42	1.27E-08	4.36E-09	1.71E-08	1.06E-08	3.27E-09	1.39E-08	2.51E-09	8.36E-10	3.35E-09	1.96E-09	4.03E-10	2.36E-09
3438	624082.1	4265862.31	1.28E-08	4.42E-09	1.73E-08	1.07E-08	3.31E-09	1.40E-08	2.54E-09	8.46E-10	3.39E-09	1.98E-09	4.08E-10	2.39E-09
3439	624081.95	4265872.2	1.30E-08	4.47E-09	1.75E-08	1.09E-08	3.34E-09	1.42E-08	2.57E-09	8.56E-10	3.43E-09	2.00E-09	4.12E-10	2.42E-09
3440	624081.81	4265882.1	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.38E-09	1.43E-08	2.60E-09	8.65E-10	3.46E-09	2.03E-09	4.16E-10	2.44E-09
3441	624081.67	4265891.99	1.33E-08	4.56E-09	1.78E-08	1.11E-08	3.41E-09	1.45E-08	2.62E-09	8.73E-10	3.50E-09	2.05E-09	4.21E-10	2.47E-09
3442	624081.52	4265901.88	1.34E-08	4.60E-09	1.80E-08	1.12E-08	3.45E-09	1.46E-08	2.65E-09	8.82E-10	3.53E-09	2.07E-09	4.25E-10	2.49E-09
3443	624081.38	4265911.77	1.35E-08	4.64E-09	1.81E-08	1.13E-08	3.48E-09	1.48E-08	2.67E-09	8.90E-10	3.56E-09	2.08E-09	4.29E-10	2.51E-09
3444	624081.24	4265921.67	1.36E-08	4.68E-09	1.83E-08	1.14E-08	3.51E-09	1.49E-08	2.70E-09	8.97E-10	3.59E-09	2.10E-09	4.32E-10	2.53E-09
3445	624081.09	4265931.56	1.37E-08	4.72E-09	1.85E-08	1.15E-08	3.54E-09	1.50E-08	2.72E-09	9.05E-10	3.62E-09	2.12E-09	4.36E-10	2.55E-09
3446	624080.95	4265941.45	1.38E-08	4.76E-09	1.86E-08	1.16E-08	3.56E-09	1.51E-08	2.74E-09	9.12E-10	3.65E-09	2.14E-09	4.39E-10	2.57E-09

3447	624080.81	4265951.34	1.39E-08	4.79E-09	1.87E-08	1.17E-08	3.59E-09	1.52E-08	2.76E-09	9.18E-10	3.68E-09	2.15E-09	4.42E-10	2.59E-09
3448	624080.67	4265961.24	1.40E-08	4.83E-09	1.89E-08	1.17E-08	3.62E-09	1.54E-08	2.78E-09	9.25E-10	3.70E-09	2.17E-09	4.46E-10	2.61E-09
3449	624080.52	4265971.13	1.41E-08	4.86E-09	1.90E-08	1.18E-08	3.64E-09	1.55E-08	2.80E-09	9.32E-10	3.73E-09	2.18E-09	4.49E-10	2.63E-09
3450	624080.38	4265981.02	1.42E-08	4.90E-09	1.91E-08	1.19E-08	3.67E-09	1.56E-08	2.82E-09	9.38E-10	3.76E-09	2.20E-09	4.52E-10	2.65E-09
3451	624063.75	4265655.32	9.23E-09	3.17E-09	1.24E-08	7.72E-09	2.38E-09	1.01E-08	1.83E-09	6.08E-10	2.44E-09	1.42E-09	2.93E-10	1.72E-09
3452	624067.53	4265646.54	9.22E-09	3.17E-09	1.24E-08	7.70E-09	2.37E-09	1.01E-08	1.82E-09	6.07E-10	2.43E-09	1.42E-09	2.92E-10	1.71E-09
3453	624071.32	4265637.75	9.20E-09	3.16E-09	1.24E-08	7.69E-09	2.37E-09	1.01E-08	1.82E-09	6.06E-10	2.43E-09	1.42E-09	2.92E-10	1.71E-09
3454	624075.11	4265628.97	9.18E-09	3.16E-09	1.23E-08	7.68E-09	2.36E-09	1.00E-08	1.82E-09	6.05E-10	2.42E-09	1.42E-09	2.91E-10	1.71E-09
3455	624078.89	4265620.19	9.17E-09	3.15E-09	1.23E-08	7.66E-09	2.36E-09	1.00E-08	1.81E-09	6.04E-10	2.42E-09	1.41E-09	2.91E-10	1.71E-09
3456	624082.68	4265611.41	9.16E-09	3.15E-09	1.23E-08	7.65E-09	2.36E-09	1.00E-08	1.81E-09	6.03E-10	2.42E-09	1.41E-09	2.91E-10	1.70E-09
3457	624086.46	4265602.62	9.15E-09	3.14E-09	1.23E-08	7.64E-09	2.35E-09	1.00E-08	1.81E-09	6.03E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
3458	624090.25	4265593.84	9.14E-09	3.14E-09	1.23E-08	7.64E-09	2.35E-09	9.99E-09	1.81E-09	6.02E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
3459	624094.03	4265585.06	9.13E-09	3.14E-09	1.23E-08	7.64E-09	2.35E-09	9.99E-09	1.81E-09	6.02E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
3460	624097.82	4265576.28	9.13E-09	3.14E-09	1.23E-08	7.63E-09	2.35E-09	9.98E-09	1.81E-09	6.02E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
3461	624101.61	4265567.49	9.13E-09	3.14E-09	1.23E-08	7.63E-09	2.35E-09	9.98E-09	1.81E-09	6.02E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
3462	624105.39	4265558.71	9.13E-09	3.14E-09	1.23E-08	7.63E-09	2.35E-09	9.98E-09	1.81E-09	6.01E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
3463	624109.18	4265549.93	9.12E-09	3.14E-09	1.23E-08	7.63E-09	2.35E-09	9.98E-09	1.81E-09	6.01E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
3464	624112.96	4265541.15	9.12E-09	3.14E-09	1.23E-08	7.62E-09	2.35E-09	9.97E-09	1.80E-09	6.01E-10	2.41E-09	1.41E-09	2.89E-10	1.70E-09
3465	624116.75	4265532.37	9.11E-09	3.13E-09	1.22E-08	7.61E-09	2.35E-09	9.96E-09	1.80E-09	6.00E-10	2.40E-09	1.41E-09	2.89E-10	1.69E-09
3466	624120.54	4265523.58	9.09E-09	3.13E-09	1.22E-08	7.60E-09	2.34E-09	9.94E-09	1.80E-09	5.99E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
3467	624124.32	4265514.8	9.08E-09	3.12E-09	1.22E-08	7.59E-09	2.34E-09	9.92E-09	1.80E-09	5.98E-10	2.39E-09	1.40E-09	2.88E-10	1.69E-09
3468	624128.11	4265506.02	9.06E-09	3.11E-09	1.22E-08	7.57E-09	2.33E-09	9.90E-09	1.79E-09	5.97E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
3469	624131.89	4265497.24	9.03E-09	3.11E-09	1.21E-08	7.55E-09	2.33E-09	9.88E-09	1.79E-09	5.95E-10	2.38E-09	1.39E-09	2.87E-10	1.68E-09
3470	624135.68	4265488.45	9.01E-09	3.10E-09	1.21E-08	7.53E-09	2.32E-09	9.85E-09	1.78E-09	5.93E-10	2.38E-09	1.39E-09	2.86E-10	1.68E-09
3471	624139.47	4265479.67	8.98E-09	3.09E-09	1.21E-08	7.50E-09	2.31E-09	9.81E-09	1.78E-09	5.91E-10	2.37E-09	1.39E-09	2.85E-10	1.67E-09
3472	624143.25	4265470.89	8.94E-09	3.08E-09	1.20E-08	7.48E-09	2.30E-09	9.78E-09	1.77E-09	5.89E-10	2.36E-09	1.38E-09	2.84E-10	1.66E-09
3473	624147.04	4265462.11	8.91E-09	3.06E-09	1.20E-08	7.45E-09	2.29E-09	9.74E-09	1.76E-09	5.87E-10	2.35E-09	1.37E-09	2.83E-10	1.66E-09
3474	624159.71	4265449.79	9.01E-09	3.10E-09	1.21E-08	7.53E-09	2.32E-09	9.86E-09	1.78E-09	5.94E-10	2.38E-09	1.39E-09	2.86E-10	1.68E-09
3475	624168.6	4265446.25	9.15E-09	3.15E-09	1.23E-08	7.65E-09	2.36E-09	1.00E-08	1.81E-09	6.03E-10	2.42E-09	1.41E-09	2.91E-10	1.70E-09
3476	624177.48	4265442.72	9.29E-09	3.20E-09	1.25E-08	7.77E-09	2.39E-09	1.02E-08	1.84E-09	6.12E-10	2.45E-09	1.43E-09	2.95E-10	1.73E-09
3477	624186.37	4265439.18	9.43E-09	3.24E-09	1.27E-08	7.88E-09	2.43E-09	1.03E-08	1.87E-09	6.21E-10	2.49E-09	1.46E-09	2.99E-10	1.75E-09
3478	624195.25	4265435.65	9.57E-09	3.29E-09	1.29E-08	8.00E-09	2.46E-09	1.05E-08	1.89E-09	6.30E-10	2.52E-09	1.48E-09	3.04E-10	1.78E-09
3479	624204.14	4265432.11	9.70E-09	3.33E-09	1.30E-08	8.10E-09	2.50E-09	1.06E-08	1.92E-09	6.39E-10	2.56E-09	1.50E-09	3.08E-10	1.80E-09
3480	624213.03	4265428.57	9.82E-09	3.38E-09	1.32E-08	8.21E-09	2.53E-09	1.07E-08	1.94E-09	6.47E-10	2.59E-09	1.52E-09	3.12E-10	1.83E-09
3481	624221.91	4265425.04	9.94E-09	3.42E-09	1.34E-08	8.31E-09	2.56E-09	1.09E-08	1.97E-09	6.55E-10	2.62E-09	1.53E-09	3.15E-10	1.85E-09
3482	624230.8	4265421.5	1.00E-08	3.46E-09	1.35E-08	8.40E-09	2.59E-09	1.10E-08	1.99E-09	6.62E-10	2.65E-09	1.55E-09	3.19E-10	1.87E-09
3483	624239.68	4265417.97	1.02E-08	3.49E-09	1.36E-08	8.49E-09	2.61E-09	1.11E-08	2.01E-09	6.69E-10	2.68E-09	1.57E-09	3.22E-10	1.89E-09
3484	624248.57	4265414.43	1.03E-08	3.53E-09	1.38E-08	8.57E-09	2.64E-09	1.12E-08	2.03E-09	6.76E-10	2.71E-09	1.58E-09	3.25E-10	1.91E-09
3485	624257.46	4265410.9	1.03E-08	3.56E-09	1.39E-08	8.65E-09	2.66E-09	1.13E-08	2.05E-09	6.82E-10	2.73E-09	1.60E-09	3.28E-10	1.92E-09
3486	624266.34	4265407.36	1.04E-08	3.59E-09	1.40E-08	8.72E-09	2.69E-09	1.14E-08	2.07E-09	6.88E-10	2.75E-09	1.61E-09	3.31E-10	1.94E-09
3487	624275.23	4265403.83	1.05E-08	3.62E-09	1.41E-08	8.80E-09	2.71E-09	1.15E-08	2.08E-09	6.93E-10	2.78E-09	1.62E-09	3.34E-10	1.96E-09
3488	624284.12	4265400.29	1.06E-08	3.65E-09	1.43E-08	8.87E-09	2.73E-09	1.16E-08	2.10E-09	6.99E-10	2.80E-09	1.64E-09	3.37E-10	1.97E-09
3489	624293	4265396.75	1.07E-08	3.68E-09	1.44E-08	8.94E-09	2.75E-09	1.17E-08	2.12E-09	7.05E-10	2.82E-09	1.65E-09	3.39E-10	1.99E-09
3490	624301.89	4265393.22	1.08E-08	3.71E-09	1.45E-08	9.01E-09	2.77E-09	1.18E-08	2.13E-09	7.10E-10	2.84E-09	1.66E-09	3.42E-10	2.00E-09
3491	624310.77	4265389.68	1.09E-08	3.73E-09	1.46E-08	9.08E-09	2.80E-09	1.19E-08	2.15E-09	7.16E-10	2.87E-09	1.68E-09	3.45E-10	2.02E-09
3492	624319.66	4265386.15	1.10E-08	3.77E-09	1.47E-08	9.15E-09	2.82E-09	1.20E-08	2.17E-09	7.22E-10	2.89E-09	1.69E-09	3.48E-10	2.04E-09
3493	624328.55	4265382.61	1.11E-08	3.80E-09	1.49E-08	9.24E-09	2.85E-09	1.21E-08	2.19E-09	7.28E-10	2.92E-09	1.71E-09	3.51E-10	2.06E-09
3494	624337.43	4265379.08	1.12E-08	3.84E-09	1.50E-08	9.33E-09	2.87E-09	1.22E-08	2.21E-09	7.35E-10	2.94E-09	1.72E-09	3.54E-10	2.08E-09
3495	624346.32	4265375.54	1.13E-08	3.87E-09	1.51E-08	9.42E-09	2.90E-09	1.23E-08	2.23E-09	7.42E-10	2.97E-09	1.74E-09	3.58E-10	2.10E-09
3496	624355.2	4265372	1.14E-08	3.91E-09	1.53E-08	9.51E-09	2.93E-09	1.24E-08	2.25E-09	7.50E-10	3.00E-09	1.76E-09	3.61E-10	2.12E-09
3497	624059.96	4265664.1	9.24E-09	3.18E-09	1.24E-08	7.73E-09	2.38E-09	1.01E-08	1.83E-09	6.09E-10	2.44E-09	1.43E-09	2.93E-10	1.72E-09
3498	624059.82	4265673.99	9.36E-09	3.22E-09	1.26E-08	7.82E-09	2.41E-09	1.02E-08	1.85E-09	6.17E-10	2.47E-09	1.44E-09	2.97E-10	1.74E-09
3499	624059.68	4265683.89	9.48E-09	3.26E-09	1.27E-08	7.92E-09	2.44E-09	1.04E-08	1.88E-09	6.24E-10	2.50E-09	1.46E-09	3.01E-10	1.76E-09
3500	624059.53	4265693.78	9.59E-09	3.30E-09	1.29E-08	8.02E-09	2.47E-09	1.05E-08	1.90E-09	6.32E-10	2.53E-09	1.48E-09	3.04E-10	1.78E-09
3501	624059.39	4265703.67	9.70E-09	3.34E-09	1.30E-08	8.11E-09	2.50E-09	1.06E-08	1.92E-09	6.39E-10	2.56E-09	1.50E-09	3.08E-10	1.80E-09
3502	624059.25	4265713.56	9.81E-09	3.37E-09	1.32E-08	8.20E-09	2.53E-09	1.07E-08	1.94E-09	6.46E-10	2.59E-09	1.51E-09	3.11E-10	1.82E-09
3503	624059.1	4265723.46	9.91E-09	3.41E-09	1.33E-08	8.29E-09	2.55E-09	1.08E-08	1.96E-09	6.53E-10	2.62E-09	1.53E-09	3.15E-10	1.84E-09
3504	624058.96	4265733.35	1.00E-08	3.45E-09	1.35E-08	8.38E-09	2.58E-09	1.10E-08	1.98E-09	6.60E-10	2.64E-09	1.55E-09	3.18E-10	1.86E-09
3505	624058.82	4265743.24	1.01E-08	3.48E-09	1.36E-08	8.47E-09	2.61E-09	1.11E-08	2.01E-09	6.68E-10	2.67E-09	1.56E-09	3.22E-10	1.88E-09
3506	624058.67	4265753.13	1.02E-08	3.52E-09	1.38E-08	8.56E-09	2.64E-09	1.12E-08	2.03E-09	6.75E-10	2.70E-09	1.58E-09	3.25E-10	1.91E-09
3507	624058.53	4265763.03	1.04E-08	3.56E-09	1.39E-08	8.66E-09	2.67E-09	1.13E-08	2.05E-09	6.83E-10	2.73E-09	1.60E-09	3.29E-10	1.93E-09
3508	624058.39	4265772.92	1.05E-08	3.61E-09	1.41E-08	8.77E-09	2.70E-09	1.15E-08	2.08E-09	6.91E-10	2.77E-09	1.62E-09	3.33E-10	1.95E-09
3509	624058.24	4265782.81	1.06E-08	3.65E-09	1.43E-08	8.88E-09	2.73E-09	1.16E-08	2.10E-09	7.00E-10	2.80E-09	1.64E-09	3.37E-10	1.98E-09
3510	624058.1	4265792.7	1.08E-08	3.70E-09	1.45E-08	8.99E-09	2.77E-09	1.18E-08	2.13E-09	7.09E-10	2.84E-09	1.66E-09	3.41E-10	2.00E-09
3511	624057.96	4265802.6	1.09E-08	3.75E-09	1.46E-08	9.11E-09	2.81E-09	1.19E-08	2.16E-09	7.18E-10	2.88E-09	1.68E-09	3.46E-10	2.03E-09
3512	624057.81	4265812.49	1.10E-08	3.80E-09	1.48E-08	9.23E-09	2.84E-09	1.21E-08	2.19E-09	7.28E-10	2.91E-09	1.70E-09	3.50E-10	2.05E-09
3513	624057.67	4265822.38	1.12E-08	3.85E-09	1.50E-08	9.35E-09	2.88E-09	1.22E-08	2.21E-09	7.37E-10	2.95E-09	1.73E-09	3.55E-10	2.08E-09
3514	624057.53	4265832.27	1.13E-08	3.90E-09	1.52E-08	9.47E-09	2.92E-09	1.24E-08	2.24E-09	7.47E-10	2.99E-09	1.75E-09	3.60E-10	2.11E-09
3515	624057.39	4265842.17	1.15E-08	3.95E-09	1.54E-08	9.59E-09	2.95E-09	1.25E-08	2.27E-09	7.56E-10	3.03E-09	1.77E-09	3.64E-10	2.13E-09

3516	624057.24	4265852.06	1.16E-08	3.99E-09	1.56E-08	9.71E-09	2.99E-09	1.27E-08	2.30E-09	7.65E-10	3.06E-09	1.79E-09	3.69E-10	2.16E-09
3517	624057.1	4265861.95	1.17E-08	4.04E-09	1.58E-08	9.82E-09	3.02E-09	1.28E-08	2.32E-09	7.74E-10	3.10E-09	1.81E-09	3.73E-10	2.19E-09
3518	624056.96	4265871.84	1.19E-08	4.08E-09	1.60E-08	9.93E-09	3.06E-09	1.30E-08	2.35E-09	7.83E-10	3.13E-09	1.83E-09	3.77E-10	2.21E-09
3519	624056.81	4265881.74	1.20E-08	4.13E-09	1.61E-08	1.00E-08	3.09E-09	1.31E-08	2.38E-09	7.91E-10	3.17E-09	1.85E-09	3.81E-10	2.23E-09
3520	624056.67	4265891.63	1.21E-08	4.17E-09	1.63E-08	1.01E-08	3.12E-09	1.33E-08	2.40E-09	7.99E-10	3.20E-09	1.87E-09	3.85E-10	2.26E-09
3521	624056.53	4265901.52	1.22E-08	4.21E-09	1.65E-08	1.02E-08	3.15E-09	1.34E-08	2.42E-09	8.06E-10	3.23E-09	1.89E-09	3.88E-10	2.28E-09
3522	624056.38	4265911.41	1.24E-08	4.25E-09	1.66E-08	1.03E-08	3.18E-09	1.35E-08	2.44E-09	8.14E-10	3.26E-09	1.91E-09	3.92E-10	2.30E-09
3523	624056.24	4265921.31	1.25E-08	4.28E-09	1.67E-08	1.04E-08	3.21E-09	1.36E-08	2.47E-09	8.21E-10	3.29E-09	1.92E-09	3.95E-10	2.32E-09
3524	624056.1	4265931.2	1.26E-08	4.32E-09	1.69E-08	1.05E-08	3.23E-09	1.37E-08	2.49E-09	8.28E-10	3.31E-09	1.94E-09	3.99E-10	2.34E-09
3525	624055.95	4265941.09	1.27E-08	4.35E-09	1.70E-08	1.06E-08	3.26E-09	1.38E-08	2.51E-09	8.34E-10	3.34E-09	1.95E-09	4.02E-10	2.36E-09
3526	624055.81	4265950.98	1.28E-08	4.39E-09	1.71E-08	1.07E-08	3.29E-09	1.40E-08	2.53E-09	8.41E-10	3.37E-09	1.97E-09	4.05E-10	2.37E-09
3527	624055.67	4265960.88	1.29E-08	4.42E-09	1.73E-08	1.07E-08	3.31E-09	1.41E-08	2.54E-09	8.47E-10	3.39E-09	1.98E-09	4.08E-10	2.39E-09
3528	624055.52	4265970.77	1.29E-08	4.45E-09	1.74E-08	1.08E-08	3.33E-09	1.42E-08	2.56E-09	8.53E-10	3.41E-09	2.00E-09	4.11E-10	2.41E-09
3529	624055.38	4265980.66	1.30E-08	4.48E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.58E-09	8.58E-10	3.44E-09	2.01E-09	4.13E-10	2.42E-09
3530	624013.75	4265654.59	8.08E-09	2.78E-09	1.09E-08	6.76E-09	2.08E-09	8.84E-09	1.60E-09	5.33E-10	2.13E-09	1.25E-09	2.57E-10	1.50E-09
3531	624017.54	4265645.81	8.07E-09	2.77E-09	1.08E-08	6.74E-09	2.08E-09	8.82E-09	1.60E-09	5.32E-10	2.13E-09	1.25E-09	2.56E-10	1.50E-09
3532	624021.32	4265637.03	8.05E-09	2.77E-09	1.08E-08	6.73E-09	2.07E-09	8.80E-09	1.59E-09	5.31E-10	2.12E-09	1.24E-09	2.56E-10	1.50E-09
3533	624025.11	4265628.25	8.04E-09	2.76E-09	1.08E-08	6.72E-09	2.07E-09	8.79E-09	1.59E-09	5.29E-10	2.12E-09	1.24E-09	2.55E-10	1.49E-09
3534	624028.9	4265619.47	8.02E-09	2.76E-09	1.08E-08	6.71E-09	2.07E-09	8.77E-09	1.59E-09	5.29E-10	2.12E-09	1.24E-09	2.55E-10	1.49E-09
3535	624032.68	4265610.68	8.01E-09	2.76E-09	1.08E-08	6.70E-09	2.06E-09	8.76E-09	1.59E-09	5.28E-10	2.11E-09	1.24E-09	2.54E-10	1.49E-09
3536	624036.47	4265601.9	8.01E-09	2.75E-09	1.08E-08	6.69E-09	2.06E-09	8.75E-09	1.58E-09	5.27E-10	2.11E-09	1.24E-09	2.54E-10	1.49E-09
3537	624040.25	4265593.12	8.00E-09	2.75E-09	1.08E-08	6.69E-09	2.06E-09	8.75E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
3538	624044.04	4265584.34	7.99E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
3539	624047.83	4265575.55	7.99E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.26E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
3540	624051.61	4265566.77	7.99E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.73E-09	1.58E-09	5.26E-10	2.11E-09	1.23E-09	2.53E-10	1.49E-09
3541	624055.4	4265557.99	7.99E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.73E-09	1.58E-09	5.26E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
3542	624059.18	4265549.21	7.99E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
3543	624062.97	4265540.42	8.00E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
3544	624066.76	4265531.64	8.00E-09	2.75E-09	1.07E-08	6.69E-09	2.06E-09	8.74E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
3545	624070.54	4265522.86	8.00E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
3546	624074.33	4265514.08	7.99E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.26E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
3547	624078.11	4265505.29	7.98E-09	2.74E-09	1.07E-08	6.67E-09	2.05E-09	8.72E-09	1.58E-09	5.26E-10	2.11E-09	1.23E-09	2.53E-10	1.48E-09
3548	624081.9	4265496.51	7.97E-09	2.74E-09	1.07E-08	6.66E-09	2.05E-09	8.71E-09	1.58E-09	5.25E-10	2.10E-09	1.23E-09	2.53E-10	1.48E-09
3549	624085.69	4265487.73	7.96E-09	2.74E-09	1.07E-08	6.65E-09	2.05E-09	8.70E-09	1.57E-09	5.24E-10	2.10E-09	1.23E-09	2.53E-10	1.48E-09
3550	624089.47	4265478.95	7.94E-09	2.73E-09	1.07E-08	6.64E-09	2.04E-09	8.68E-09	1.57E-09	5.23E-10	2.10E-09	1.23E-09	2.52E-10	1.48E-09
3551	624093.26	4265470.17	7.92E-09	2.72E-09	1.06E-08	6.62E-09	2.04E-09	8.66E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
3552	624097.04	4265461.38	7.90E-09	2.72E-09	1.06E-08	6.61E-09	2.04E-09	8.64E-09	1.56E-09	5.21E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
3553	624100.83	4265452.6	7.88E-09	2.71E-09	1.06E-08	6.59E-09	2.03E-09	8.62E-09	1.56E-09	5.19E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
3554	624104.62	4265443.82	7.86E-09	2.70E-09	1.06E-08	6.57E-09	2.02E-09	8.59E-09	1.56E-09	5.18E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
3555	624108.4	4265435.04	7.83E-09	2.69E-09	1.05E-08	6.55E-09	2.02E-09	8.56E-09	1.55E-09	5.16E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
3556	624112.19	4265426.25	7.80E-09	2.68E-09	1.05E-08	6.52E-09	2.01E-09	8.53E-09	1.54E-09	5.14E-10	2.06E-09	1.20E-09	2.48E-10	1.45E-09
3557	624124.86	4265413.94	7.89E-09	2.71E-09	1.06E-08	6.59E-09	2.03E-09	8.62E-09	1.56E-09	5.20E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
3558	624133.75	4265410.4	8.01E-09	2.75E-09	1.08E-08	6.69E-09	2.06E-09	8.76E-09	1.59E-09	5.28E-10	2.11E-09	1.24E-09	2.54E-10	1.49E-09
3559	624142.63	4265406.86	8.13E-09	2.80E-09	1.09E-08	6.79E-09	2.09E-09	8.89E-09	1.61E-09	5.36E-10	2.14E-09	1.25E-09	2.58E-10	1.51E-09
3560	624151.52	4265403.33	8.24E-09	2.84E-09	1.11E-08	6.89E-09	2.12E-09	9.01E-09	1.63E-09	5.43E-10	2.18E-09	1.27E-09	2.62E-10	1.53E-09
3561	624160.4	4265399.79	8.36E-09	2.87E-09	1.12E-08	6.99E-09	2.15E-09	9.14E-09	1.65E-09	5.51E-10	2.21E-09	1.29E-09	2.65E-10	1.55E-09
3562	624169.29	4265396.26	8.47E-09	2.91E-09	1.14E-08	7.08E-09	2.18E-09	9.26E-09	1.68E-09	5.58E-10	2.23E-09	1.31E-09	2.69E-10	1.58E-09
3563	624178.18	4265392.72	8.58E-09	2.95E-09	1.15E-08	7.17E-09	2.21E-09	9.38E-09	1.70E-09	5.65E-10	2.26E-09	1.32E-09	2.72E-10	1.60E-09
3564	624187.06	4265389.19	8.68E-09	2.99E-09	1.17E-08	7.26E-09	2.24E-09	9.49E-09	1.72E-09	5.72E-10	2.29E-09	1.34E-09	2.75E-10	1.61E-09
3565	624195.95	4265385.65	8.78E-09	3.02E-09	1.18E-08	7.34E-09	2.26E-09	9.60E-09	1.74E-09	5.78E-10	2.32E-09	1.35E-09	2.79E-10	1.63E-09
3566	624204.83	4265382.12	8.87E-09	3.05E-09	1.19E-08	7.42E-09	2.28E-09	9.70E-09	1.76E-09	5.85E-10	2.34E-09	1.37E-09	2.82E-10	1.65E-09
3567	624213.72	4265378.58	8.96E-09	3.08E-09	1.20E-08	7.49E-09	2.31E-09	9.80E-09	1.77E-09	5.90E-10	2.36E-09	1.38E-09	2.84E-10	1.67E-09
3568	624222.61	4265375.04	9.04E-09	3.11E-09	1.22E-08	7.56E-09	2.33E-09	9.89E-09	1.79E-09	5.96E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
3569	624231.49	4265371.51	9.12E-09	3.14E-09	1.23E-08	7.62E-09	2.35E-09	9.97E-09	1.81E-09	6.01E-10	2.41E-09	1.41E-09	2.89E-10	1.70E-09
3570	624240.38	4265367.97	9.19E-09	3.16E-09	1.24E-08	7.68E-09	2.37E-09	1.00E-08	1.82E-09	6.06E-10	2.42E-09	1.42E-09	2.92E-10	1.71E-09
3571	624249.26	4265364.44	9.26E-09	3.18E-09	1.24E-08	7.74E-09	2.38E-09	1.01E-08	1.83E-09	6.10E-10	2.44E-09	1.43E-09	2.94E-10	1.72E-09
3572	624258.15	4265360.9	9.32E-09	3.20E-09	1.25E-08	7.79E-09	2.40E-09	1.02E-08	1.84E-09	6.14E-10	2.46E-09	1.44E-09	2.96E-10	1.73E-09
3573	624267.04	4265357.37	9.38E-09	3.23E-09	1.26E-08	7.84E-09	2.41E-09	1.03E-08	1.86E-09	6.18E-10	2.47E-09	1.45E-09	2.98E-10	1.74E-09
3574	624275.92	4265353.83	9.44E-09	3.24E-09	1.27E-08	7.89E-09	2.43E-09	1.03E-08	1.87E-09	6.22E-10	2.49E-09	1.46E-09	2.99E-10	1.76E-09
3575	624284.81	4265350.29	9.49E-09	3.26E-09	1.28E-08	7.94E-09	2.44E-09	1.04E-08	1.88E-09	6.25E-10	2.50E-09	1.46E-09	3.01E-10	1.77E-09
3576	624293.69	4265346.76	9.55E-09	3.29E-09	1.28E-08	7.98E-09	2.46E-09	1.04E-08	1.89E-09	6.29E-10	2.52E-09	1.47E-09	3.03E-10	1.78E-09
3577	624302.58	4265343.22	9.62E-09	3.31E-09	1.29E-08	8.04E-09	2.48E-09	1.05E-08	1.90E-09	6.34E-10	2.54E-09	1.48E-09	3.05E-10	1.79E-09
3578	624311.47	4265339.69	9.69E-09	3.33E-09	1.30E-08	8.10E-09	2.49E-09	1.06E-08	1.92E-09	6.38E-10	2.56E-09	1.50E-09	3.08E-10	1.80E-09
3579	624320.35	4265336.15	9.77E-09	3.36E-09	1.31E-08	8.16E-09	2.51E-09	1.07E-08	1.93E-09	6.43E-10	2.58E-09	1.51E-09	3.10E-10	1.82E-09
3580	624329.24	4265332.62	9.85E-09	3.39E-09	1.32E-08	8.23E-09	2.53E-09	1.08E-08	1.95E-09	6.49E-10	2.60E-09	1.52E-09	3.12E-10	1.83E-09
3581	624338.12	4265329.08	9.93E-09	3.42E-09	1.33E-08	8.30E-09	2.56E-09	1.09E-08	1.97E-09	6.54E-10	2.62E-09	1.53E-09	3.15E-10	1.85E-09
3582	624347.01	4265325.54	1.00E-08	3.45E-09	1.35E-08	8.38E-09	2.58E-09	1.10E-08	1.98E-09	6.60E-10	2.64E-09	1.55E-09	3.18E-10	1.86E-09
3583	624355.9	4265322.01	1.01E-08	3.48E-09	1.36E-08	8.45E-09	2.60E-09	1.11E-08	2.00E-09	6.66E-10	2.67E-09	1.56E-09	3.21E-10	1.88E-09
3584	624009.97	4265663.38	8.09E-09	2.78E-09	1.09E-08	6.76E-09	2.08E-09	8.85E-09	1.60E-09	5.33E-10	2.13E-09	1.25E-09	2.57E-10	1.51E-09

3585	624009.82	4265673.27	8.18E-09	2.81E-09	1.10E-08	6.84E-09	2.11E-09	8.95E-09	1.62E-09	5.39E-10	2.16E-09	1.26E-09	2.60E-10	1.52E-09
3586	624009.68	4265683.16	8.27E-09	2.84E-09	1.11E-08	6.91E-09	2.13E-09	9.04E-09	1.64E-09	5.45E-10	2.18E-09	1.28E-09	2.62E-10	1.54E-09
3587	624009.54	4265693.05	8.36E-09	2.87E-09	1.12E-08	6.99E-09	2.15E-09	9.14E-09	1.65E-09	5.51E-10	2.20E-09	1.29E-09	2.65E-10	1.55E-09
3588	624009.39	4265702.95	8.44E-09	2.90E-09	1.13E-08	7.05E-09	2.17E-09	9.23E-09	1.67E-09	5.56E-10	2.23E-09	1.30E-09	2.68E-10	1.57E-09
3589	624009.25	4265712.84	8.52E-09	2.93E-09	1.14E-08	7.12E-09	2.19E-09	9.31E-09	1.69E-09	5.61E-10	2.25E-09	1.31E-09	2.70E-10	1.58E-09
3590	624009.11	4265722.73	8.60E-09	2.96E-09	1.16E-08	7.19E-09	2.21E-09	9.40E-09	1.70E-09	5.67E-10	2.27E-09	1.33E-09	2.73E-10	1.60E-09
3591	624008.96	4265732.62	8.68E-09	2.98E-09	1.17E-08	7.25E-09	2.23E-09	9.49E-09	1.72E-09	5.72E-10	2.29E-09	1.34E-09	2.75E-10	1.61E-09
3592	624008.82	4265742.52	8.76E-09	3.01E-09	1.18E-08	7.32E-09	2.25E-09	9.58E-09	1.73E-09	5.77E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
3593	624008.68	4265752.41	8.84E-09	3.04E-09	1.19E-08	7.39E-09	2.28E-09	9.66E-09	1.75E-09	5.82E-10	2.33E-09	1.36E-09	2.80E-10	1.64E-09
3594	624008.54	4265762.3	8.92E-09	3.07E-09	1.20E-08	7.46E-09	2.30E-09	9.75E-09	1.77E-09	5.88E-10	2.35E-09	1.38E-09	2.83E-10	1.66E-09
3595	624008.39	4265772.19	9.01E-09	3.10E-09	1.21E-08	7.53E-09	2.32E-09	9.85E-09	1.78E-09	5.93E-10	2.38E-09	1.39E-09	2.86E-10	1.68E-09
3596	624008.25	4265782.09	9.10E-09	3.13E-09	1.22E-08	7.60E-09	2.34E-09	9.95E-09	1.80E-09	5.99E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
3597	624008.11	4265791.98	9.20E-09	3.16E-09	1.24E-08	7.69E-09	2.37E-09	1.01E-08	1.82E-09	6.06E-10	2.43E-09	1.42E-09	2.92E-10	1.71E-09
3598	624007.96	4265801.87	9.30E-09	3.20E-09	1.25E-08	7.77E-09	2.39E-09	1.02E-08	1.84E-09	6.13E-10	2.45E-09	1.43E-09	2.95E-10	1.73E-09
3599	624007.82	4265811.76	9.40E-09	3.23E-09	1.26E-08	7.86E-09	2.42E-09	1.03E-08	1.86E-09	6.20E-10	2.48E-09	1.45E-09	2.98E-10	1.75E-09
3600	624007.68	4265821.66	9.51E-09	3.27E-09	1.28E-08	7.95E-09	2.45E-09	1.04E-08	1.88E-09	6.27E-10	2.51E-09	1.47E-09	3.02E-10	1.77E-09
3601	624007.53	4265831.55	9.62E-09	3.31E-09	1.29E-08	8.04E-09	2.48E-09	1.05E-08	1.90E-09	6.34E-10	2.54E-09	1.48E-09	3.05E-10	1.79E-09
3602	624007.39	4265841.44	9.74E-09	3.35E-09	1.31E-08	8.14E-09	2.51E-09	1.06E-08	1.93E-09	6.42E-10	2.57E-09	1.50E-09	3.09E-10	1.81E-09
3603	624007.25	4265851.33	9.85E-09	3.39E-09	1.32E-08	8.23E-09	2.54E-09	1.08E-08	1.95E-09	6.49E-10	2.60E-09	1.52E-09	3.13E-10	1.83E-09
3604	624007.1	4265861.23	9.96E-09	3.43E-09	1.34E-08	8.33E-09	2.56E-09	1.09E-08	1.97E-09	6.56E-10	2.63E-09	1.54E-09	3.16E-10	1.85E-09
3605	624006.96	4265871.12	1.01E-08	3.46E-09	1.35E-08	8.42E-09	2.59E-09	1.10E-08	1.99E-09	6.64E-10	2.66E-09	1.55E-09	3.20E-10	1.87E-09
3606	624006.82	4265881.01	1.02E-08	3.50E-09	1.37E-08	8.51E-09	2.62E-09	1.11E-08	2.02E-09	6.71E-10	2.69E-09	1.57E-09	3.23E-10	1.89E-09
3607	624006.67	4265890.9	1.03E-08	3.54E-09	1.38E-08	8.60E-09	2.65E-09	1.12E-08	2.04E-09	6.78E-10	2.71E-09	1.59E-09	3.26E-10	1.91E-09
3608	624006.53	4265900.8	1.04E-08	3.57E-09	1.40E-08	8.69E-09	2.68E-09	1.14E-08	2.06E-09	6.85E-10	2.74E-09	1.60E-09	3.30E-10	1.93E-09
3609	624006.39	4265910.69	1.05E-08	3.61E-09	1.41E-08	8.77E-09	2.70E-09	1.15E-08	2.08E-09	6.91E-10	2.77E-09	1.62E-09	3.33E-10	1.95E-09
3610	624006.25	4265920.58	1.06E-08	3.64E-09	1.42E-08	8.85E-09	2.73E-09	1.16E-08	2.10E-09	6.98E-10	2.79E-09	1.63E-09	3.36E-10	1.97E-09
3611	624006.1	4265930.47	1.07E-08	3.67E-09	1.44E-08	8.93E-09	2.75E-09	1.17E-08	2.11E-09	7.04E-10	2.82E-09	1.65E-09	3.39E-10	1.99E-09
3612	624005.96	4265940.37	1.08E-08	3.71E-09	1.45E-08	9.01E-09	2.77E-09	1.18E-08	2.13E-09	7.10E-10	2.84E-09	1.66E-09	3.42E-10	2.00E-09
3613	624005.82	4265950.26	1.09E-08	3.74E-09	1.46E-08	9.08E-09	2.80E-09	1.19E-08	2.15E-09	7.16E-10	2.87E-09	1.68E-09	3.45E-10	2.02E-09
3614	624005.67	4265960.15	1.09E-08	3.77E-09	1.47E-08	9.15E-09	2.82E-09	1.20E-08	2.17E-09	7.21E-10	2.89E-09	1.69E-09	3.47E-10	2.04E-09
3615	624005.53	4265970.04	1.10E-08	3.79E-09	1.48E-08	9.22E-09	2.84E-09	1.21E-08	2.18E-09	7.27E-10	2.91E-09	1.70E-09	3.50E-10	2.05E-09
3616	624005.39	4265979.94	1.11E-08	3.82E-09	1.49E-08	9.28E-09	2.86E-09	1.21E-08	2.20E-09	7.32E-10	2.93E-09	1.71E-09	3.53E-10	2.07E-09
3617	624005.24	4265989.83	1.12E-08	3.84E-09	1.50E-08	9.35E-09	2.88E-09	1.22E-08	2.21E-09	7.37E-10	2.95E-09	1.73E-09	3.55E-10	2.08E-09
3618	624005.1	4265999.72	1.12E-08	3.87E-09	1.51E-08	9.40E-09	2.90E-09	1.23E-08	2.23E-09	7.41E-10	2.97E-09	1.74E-09	3.57E-10	2.09E-09
3619	624004.96	4266009.61	1.13E-08	3.89E-09	1.52E-08	9.45E-09	2.91E-09	1.24E-08	2.24E-09	7.45E-10	2.98E-09	1.75E-09	3.59E-10	2.10E-09
3620	624004.81	4266019.51	1.14E-08	3.91E-09	1.53E-08	9.50E-09	2.93E-09	1.24E-08	2.25E-09	7.49E-10	3.00E-09	1.75E-09	3.61E-10	2.11E-09
3621	624004.67	4266029.4	1.14E-08	3.93E-09	1.53E-08	9.54E-09	2.94E-09	1.25E-08	2.26E-09	7.52E-10	3.01E-09	1.76E-09	3.62E-10	2.12E-09
3622	624004.53	4266039.29	1.15E-08	3.94E-09	1.54E-08	9.58E-09	2.95E-09	1.25E-08	2.27E-09	7.55E-10	3.02E-09	1.77E-09	3.64E-10	2.13E-09
3623	624004.38	4266049.18	1.15E-08	3.95E-09	1.54E-08	9.60E-09	2.96E-09	1.26E-08	2.27E-09	7.57E-10	3.03E-09	1.77E-09	3.65E-10	2.14E-09
3624	624004.24	4266059.08	1.15E-08	3.96E-09	1.55E-08	9.62E-09	2.96E-09	1.26E-08	2.28E-09	7.58E-10	3.04E-09	1.78E-09	3.65E-10	2.14E-09
3625	624004.1	4266068.97	1.15E-08	3.96E-09	1.55E-08	9.63E-09	2.97E-09	1.26E-08	2.28E-09	7.59E-10	3.04E-09	1.78E-09	3.66E-10	2.14E-09
3626	623963.88	4265653.59	7.16E-09	2.46E-09	9.62E-09	5.98E-09	1.84E-09	7.83E-09	1.42E-09	4.72E-10	1.89E-09	1.10E-09	2.27E-10	1.33E-09
3627	623967.79	4265644.52	7.15E-09	2.46E-09	9.61E-09	5.98E-09	1.84E-09	7.82E-09	1.42E-09	4.71E-10	1.89E-09	1.10E-09	2.27E-10	1.33E-09
3628	623971.7	4265635.46	7.14E-09	2.46E-09	9.60E-09	5.97E-09	1.84E-09	7.81E-09	1.41E-09	4.70E-10	1.88E-09	1.10E-09	2.27E-10	1.33E-09
3629	623975.6	4265626.39	7.13E-09	2.45E-09	9.58E-09	5.96E-09	1.84E-09	7.79E-09	1.41E-09	4.70E-10	1.88E-09	1.10E-09	2.26E-10	1.33E-09
3630	623979.51	4265617.33	7.12E-09	2.45E-09	9.56E-09	5.95E-09	1.83E-09	7.78E-09	1.41E-09	4.69E-10	1.88E-09	1.10E-09	2.26E-10	1.32E-09
3631	623983.42	4265608.26	7.11E-09	2.44E-09	9.55E-09	5.94E-09	1.83E-09	7.77E-09	1.41E-09	4.68E-10	1.87E-09	1.10E-09	2.25E-10	1.32E-09
3632	623987.33	4265599.19	7.10E-09	2.44E-09	9.54E-09	5.93E-09	1.83E-09	7.76E-09	1.40E-09	4.68E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3633	623991.24	4265590.13	7.09E-09	2.44E-09	9.53E-09	5.92E-09	1.83E-09	7.75E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3634	623995.14	4265581.06	7.08E-09	2.44E-09	9.52E-09	5.92E-09	1.82E-09	7.74E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3635	623999.05	4265572	7.08E-09	2.43E-09	9.52E-09	5.92E-09	1.82E-09	7.74E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3636	624002.96	4265562.93	7.08E-09	2.43E-09	9.52E-09	5.92E-09	1.82E-09	7.74E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3637	624006.87	4265553.87	7.08E-09	2.44E-09	9.52E-09	5.92E-09	1.82E-09	7.74E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3638	624010.78	4265544.8	7.09E-09	2.44E-09	9.52E-09	5.92E-09	1.82E-09	7.75E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3639	624014.68	4265535.73	7.09E-09	2.44E-09	9.53E-09	5.93E-09	1.83E-09	7.75E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3640	624018.59	4265526.67	7.09E-09	2.44E-09	9.53E-09	5.93E-09	1.83E-09	7.76E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3641	624022.5	4265517.6	7.10E-09	2.44E-09	9.54E-09	5.93E-09	1.83E-09	7.76E-09	1.40E-09	4.68E-10	1.87E-09	1.10E-09	2.25E-10	1.32E-09
3642	624026.41	4265508.54	7.10E-09	2.44E-09	9.54E-09	5.93E-09	1.83E-09	7.76E-09	1.41E-09	4.68E-10	1.87E-09	1.10E-09	2.25E-10	1.32E-09
3643	624030.32	4265499.47	7.10E-09	2.44E-09	9.54E-09	5.93E-09	1.83E-09	7.76E-09	1.40E-09	4.68E-10	1.87E-09	1.10E-09	2.25E-10	1.32E-09
3644	624034.23	4265490.41	7.10E-09	2.44E-09	9.53E-09	5.93E-09	1.83E-09	7.76E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3645	624038.13	4265481.34	7.09E-09	2.44E-09	9.53E-09	5.93E-09	1.83E-09	7.75E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3646	624042.04	4265472.28	7.08E-09	2.43E-09	9.51E-09	5.92E-09	1.82E-09	7.74E-09	1.40E-09	4.66E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3647	624045.95	4265463.21	7.07E-09	2.43E-09	9.50E-09	5.91E-09	1.82E-09	7.73E-09	1.40E-09	4.66E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
3648	624049.86	4265454.14	7.05E-09	2.43E-09	9.48E-09	5.90E-09	1.82E-09	7.71E-09	1.40E-09	4.65E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
3649	624053.77	4265445.08	7.04E-09	2.42E-09	9.46E-09	5.88E-09	1.81E-09	7.69E-09	1.39E-09	4.64E-10	1.86E-09	1.09E-09	2.23E-10	1.31E-09
3650	624057.67	4265436.01	7.02E-09	2.41E-09	9.43E-09	5.87E-09	1.81E-09	7.67E-09	1.39E-09	4.62E-10	1.85E-09	1.08E-09	2.23E-10	1.31E-09
3651	624061.58	4265426.95	7.00E-09	2.41E-09	9.40E-09	5.85E-09	1.80E-09	7.65E-09	1.38E-09	4.61E-10	1.85E-09	1.08E-09	2.22E-10	1.30E-09
3652	624065.49	4265417.88	6.97E-09	2.40E-09	9.37E-09	5.83E-09	1.80E-09	7.63E-09	1.38E-09	4.60E-10	1.84E-09	1.08E-09	2.21E-10	1.30E-09
3653	624069.4	4265408.82	6.95E-09	2.39E-09	9.34E-09	5.81E-09	1.79E-09	7.60E-09	1.38E-09	4.58E-10	1.83E-09	1.07E-09	2.21E-10	1.29E-09

3654	624073.31	4265399.75	6.93E-09	2.38E-09	9.31E-09	5.79E-09	1.78E-09	7.58E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
3655	624077.21	4265390.68	6.91E-09	2.37E-09	9.28E-09	5.77E-09	1.78E-09	7.55E-09	1.37E-09	4.55E-10	1.82E-09	1.07E-09	2.19E-10	1.28E-09
3656	624090.3	4265377.97	6.98E-09	2.40E-09	9.38E-09	5.83E-09	1.80E-09	7.63E-09	1.38E-09	4.60E-10	1.84E-09	1.08E-09	2.22E-10	1.30E-09
3657	624099.47	4265374.32	7.08E-09	2.43E-09	9.51E-09	5.92E-09	1.82E-09	7.74E-09	1.40E-09	4.66E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3658	624108.64	4265370.67	7.18E-09	2.47E-09	9.65E-09	6.00E-09	1.85E-09	7.85E-09	1.42E-09	4.73E-10	1.89E-09	1.11E-09	2.28E-10	1.34E-09
3659	624117.81	4265367.02	7.28E-09	2.50E-09	9.79E-09	6.09E-09	1.88E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
3660	624126.99	4265363.37	7.39E-09	2.54E-09	9.93E-09	6.17E-09	1.90E-09	8.08E-09	1.46E-09	4.87E-10	1.95E-09	1.14E-09	2.34E-10	1.37E-09
3661	624136.16	4265359.72	7.49E-09	2.58E-09	1.01E-08	6.26E-09	1.93E-09	8.19E-09	1.48E-09	4.94E-10	1.98E-09	1.16E-09	2.38E-10	1.39E-09
3662	624145.33	4265356.07	7.59E-09	2.61E-09	1.02E-08	6.35E-09	1.95E-09	8.30E-09	1.50E-09	5.00E-10	2.00E-09	1.17E-09	2.41E-10	1.41E-09
3663	624154.5	4265352.42	7.69E-09	2.64E-09	1.03E-08	6.43E-09	1.98E-09	8.40E-09	1.52E-09	5.06E-10	2.03E-09	1.19E-09	2.44E-10	1.43E-09
3664	624163.68	4265348.77	7.78E-09	2.67E-09	1.05E-08	6.50E-09	2.00E-09	8.50E-09	1.54E-09	5.12E-10	2.05E-09	1.20E-09	2.47E-10	1.45E-09
3665	624172.85	4265345.12	7.87E-09	2.70E-09	1.06E-08	6.57E-09	2.03E-09	8.60E-09	1.56E-09	5.18E-10	2.08E-09	1.21E-09	2.50E-10	1.46E-09
3666	624182.02	4265341.47	7.95E-09	2.73E-09	1.07E-08	6.64E-09	2.05E-09	8.69E-09	1.57E-09	5.24E-10	2.10E-09	1.23E-09	2.52E-10	1.48E-09
3667	624191.19	4265337.82	8.03E-09	2.76E-09	1.08E-08	6.71E-09	2.07E-09	8.77E-09	1.59E-09	5.29E-10	2.12E-09	1.24E-09	2.55E-10	1.49E-09
3668	624200.37	4265334.17	8.10E-09	2.78E-09	1.09E-08	6.77E-09	2.08E-09	8.85E-09	1.60E-09	5.33E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
3669	624209.54	4265330.52	8.16E-09	2.81E-09	1.10E-08	6.82E-09	2.10E-09	8.93E-09	1.62E-09	5.38E-10	2.15E-09	1.26E-09	2.59E-10	1.52E-09
3670	624218.71	4265326.87	8.23E-09	2.83E-09	1.11E-08	6.88E-09	2.12E-09	8.99E-09	1.63E-09	5.42E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
3671	624227.89	4265323.22	8.28E-09	2.85E-09	1.11E-08	6.92E-09	2.13E-09	9.05E-09	1.64E-09	5.46E-10	2.18E-09	1.28E-09	2.63E-10	1.54E-09
3672	624237.06	4265319.57	8.33E-09	2.87E-09	1.12E-08	6.96E-09	2.15E-09	9.11E-09	1.65E-09	5.49E-10	2.20E-09	1.29E-09	2.64E-10	1.55E-09
3673	624246.23	4265315.92	8.38E-09	2.88E-09	1.13E-08	7.00E-09	2.16E-09	9.16E-09	1.66E-09	5.52E-10	2.21E-09	1.29E-09	2.66E-10	1.56E-09
3674	624255.4	4265312.27	8.42E-09	2.90E-09	1.13E-08	7.04E-09	2.17E-09	9.21E-09	1.67E-09	5.55E-10	2.22E-09	1.30E-09	2.67E-10	1.57E-09
3675	624264.58	4265308.63	8.47E-09	2.91E-09	1.14E-08	7.08E-09	2.18E-09	9.26E-09	1.68E-09	5.58E-10	2.23E-09	1.31E-09	2.69E-10	1.58E-09
3676	624273.75	4265304.98	8.51E-09	2.93E-09	1.14E-08	7.11E-09	2.19E-09	9.30E-09	1.68E-09	5.61E-10	2.24E-09	1.31E-09	2.70E-10	1.58E-09
3677	624282.92	4265301.33	8.55E-09	2.94E-09	1.15E-08	7.15E-09	2.20E-09	9.35E-09	1.69E-09	5.64E-10	2.26E-09	1.32E-09	2.71E-10	1.59E-09
3678	624292.09	4265297.68	8.60E-09	2.96E-09	1.16E-08	7.19E-09	2.21E-09	9.40E-09	1.70E-09	5.67E-10	2.27E-09	1.33E-09	2.73E-10	1.60E-09
3679	624301.27	4265294.03	8.65E-09	2.98E-09	1.16E-08	7.23E-09	2.23E-09	9.46E-09	1.71E-09	5.70E-10	2.28E-09	1.34E-09	2.75E-10	1.61E-09
3680	624310.44	4265290.38	8.71E-09	3.00E-09	1.17E-08	7.28E-09	2.24E-09	9.52E-09	1.72E-09	5.74E-10	2.30E-09	1.34E-09	2.76E-10	1.62E-09
3681	624319.61	4265286.73	8.77E-09	3.02E-09	1.18E-08	7.33E-09	2.26E-09	9.59E-09	1.74E-09	5.78E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
3682	624328.79	4265283.08	8.84E-09	3.04E-09	1.19E-08	7.39E-09	2.28E-09	9.66E-09	1.75E-09	5.82E-10	2.33E-09	1.36E-09	2.80E-10	1.64E-09
3683	624337.96	4265279.43	8.91E-09	3.06E-09	1.20E-08	7.44E-09	2.29E-09	9.74E-09	1.76E-09	5.87E-10	2.35E-09	1.37E-09	2.83E-10	1.66E-09
3684	624347.13	4265275.78	8.98E-09	3.09E-09	1.21E-08	7.50E-09	2.31E-09	9.81E-09	1.78E-09	5.91E-10	2.37E-09	1.39E-09	2.85E-10	1.67E-09
3685	624356.3	4265272.13	9.05E-09	3.11E-09	1.22E-08	7.56E-09	2.33E-09	9.89E-09	1.79E-09	5.96E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
3686	623959.97	4265662.65	7.17E-09	2.46E-09	9.63E-09	5.99E-09	1.85E-09	7.84E-09	1.42E-09	4.72E-10	1.89E-09	1.11E-09	2.27E-10	1.33E-09
3687	623959.83	4265672.55	7.24E-09	2.49E-09	9.73E-09	6.05E-09	1.86E-09	7.91E-09	1.43E-09	4.77E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
3688	623959.69	4265682.44	7.31E-09	2.51E-09	9.82E-09	6.11E-09	1.88E-09	7.99E-09	1.45E-09	4.81E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
3689	623959.54	4265692.33	7.37E-09	2.54E-09	9.91E-09	6.16E-09	1.90E-09	8.06E-09	1.46E-09	4.86E-10	1.94E-09	1.14E-09	2.34E-10	1.37E-09
3690	623959.4	4265702.22	7.43E-09	2.56E-09	9.99E-09	6.21E-09	1.91E-09	8.13E-09	1.47E-09	4.90E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
3691	623959.26	4265712.12	7.49E-09	2.58E-09	1.01E-08	6.26E-09	1.93E-09	8.19E-09	1.48E-09	4.94E-10	1.98E-09	1.16E-09	2.38E-10	1.39E-09
3692	623959.11	4265722.01	7.55E-09	2.60E-09	1.01E-08	6.31E-09	1.94E-09	8.25E-09	1.49E-09	4.97E-10	1.99E-09	1.16E-09	2.40E-10	1.40E-09
3693	623958.97	4265731.9	7.60E-09	2.62E-09	1.02E-08	6.36E-09	1.96E-09	8.31E-09	1.51E-09	5.01E-10	2.01E-09	1.17E-09	2.41E-10	1.41E-09
3694	623958.83	4265741.79	7.66E-09	2.63E-09	1.03E-08	6.40E-09	1.97E-09	8.37E-09	1.52E-09	5.05E-10	2.02E-09	1.18E-09	2.43E-10	1.42E-09
3695	623958.68	4265751.69	7.71E-09	2.65E-09	1.04E-08	6.45E-09	1.99E-09	8.43E-09	1.53E-09	5.08E-10	2.03E-09	1.19E-09	2.45E-10	1.43E-09
3696	623958.54	4265761.58	7.77E-09	2.67E-09	1.04E-08	6.49E-09	2.00E-09	8.49E-09	1.54E-09	5.12E-10	2.05E-09	1.20E-09	2.47E-10	1.45E-09
3697	623958.4	4265771.47	7.83E-09	2.69E-09	1.05E-08	6.54E-09	2.02E-09	8.56E-09	1.55E-09	5.16E-10	2.07E-09	1.21E-09	2.48E-10	1.46E-09
3698	623958.25	4265781.36	7.89E-09	2.71E-09	1.06E-08	6.60E-09	2.03E-09	8.63E-09	1.56E-09	5.20E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
3699	623958.11	4265791.26	7.96E-09	2.74E-09	1.07E-08	6.65E-09	2.05E-09	8.70E-09	1.58E-09	5.24E-10	2.10E-09	1.23E-09	2.53E-10	1.48E-09
3700	623957.97	4265801.15	8.03E-09	2.76E-09	1.08E-08	6.71E-09	2.07E-09	8.78E-09	1.59E-09	5.29E-10	2.12E-09	1.24E-09	2.55E-10	1.49E-09
3701	623957.82	4265811.04	8.11E-09	2.79E-09	1.09E-08	6.78E-09	2.09E-09	8.87E-09	1.61E-09	5.34E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
3702	623957.68	4265820.93	8.19E-09	2.82E-09	1.10E-08	6.85E-09	2.11E-09	8.96E-09	1.62E-09	5.40E-10	2.16E-09	1.26E-09	2.60E-10	1.52E-09
3703	623957.54	4265830.83	8.28E-09	2.85E-09	1.11E-08	6.92E-09	2.13E-09	9.05E-09	1.64E-09	5.46E-10	2.18E-09	1.28E-09	2.63E-10	1.54E-09
3704	623957.4	4265840.72	8.37E-09	2.88E-09	1.12E-08	7.00E-09	2.16E-09	9.15E-09	1.66E-09	5.52E-10	2.21E-09	1.29E-09	2.66E-10	1.56E-09
3705	623957.25	4265850.61	8.46E-09	2.91E-09	1.14E-08	7.07E-09	2.18E-09	9.25E-09	1.68E-09	5.58E-10	2.23E-09	1.31E-09	2.69E-10	1.57E-09
3706	623957.11	4265860.5	8.56E-09	2.94E-09	1.15E-08	7.15E-09	2.20E-09	9.36E-09	1.69E-09	5.64E-10	2.26E-09	1.32E-09	2.72E-10	1.59E-09
3707	623956.97	4265870.4	8.66E-09	2.98E-09	1.16E-08	7.24E-09	2.23E-09	9.47E-09	1.71E-09	5.70E-10	2.28E-09	1.34E-09	2.75E-10	1.61E-09
3708	623956.82	4265880.29	8.76E-09	3.01E-09	1.18E-08	7.32E-09	2.26E-09	9.58E-09	1.73E-09	5.77E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
3709	623956.68	4265890.18	8.86E-09	3.05E-09	1.19E-08	7.41E-09	2.28E-09	9.69E-09	1.75E-09	5.84E-10	2.34E-09	1.37E-09	2.81E-10	1.65E-09
3710	623956.54	4265900.07	8.96E-09	3.08E-09	1.20E-08	7.49E-09	2.31E-09	9.79E-09	1.77E-09	5.90E-10	2.36E-09	1.38E-09	2.84E-10	1.67E-09
3711	623956.39	4265909.97	9.05E-09	3.11E-09	1.22E-08	7.57E-09	2.33E-09	9.90E-09	1.79E-09	5.96E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
3712	623956.25	4265919.86	9.14E-09	3.14E-09	1.23E-08	7.64E-09	2.35E-09	1.00E-08	1.81E-09	6.02E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
3713	623956.11	4265929.75	9.23E-09	3.18E-09	1.24E-08	7.72E-09	2.38E-09	1.01E-08	1.83E-09	6.08E-10	2.44E-09	1.42E-09	2.93E-10	1.72E-09
3714	623955.96	4265939.64	9.32E-09	3.21E-09	1.25E-08	7.79E-09	2.40E-09	1.02E-08	1.85E-09	6.14E-10	2.46E-09	1.44E-09	2.96E-10	1.73E-09
3715	623955.82	4265949.54	9.41E-09	3.23E-09	1.26E-08	7.86E-09	2.42E-09	1.03E-08	1.86E-09	6.20E-10	2.48E-09	1.45E-09	2.99E-10	1.75E-09
3716	623955.68	4265959.43	9.49E-09	3.26E-09	1.27E-08	7.93E-09	2.44E-09	1.04E-08	1.88E-09	6.25E-10	2.50E-09	1.46E-09	3.01E-10	1.76E-09
3717	623955.53	4265969.32	9.56E-09	3.29E-09	1.28E-08	7.99E-09	2.46E-09	1.05E-08	1.89E-09	6.30E-10	2.52E-09	1.48E-09	3.03E-10	1.78E-09
3718	623955.39	4265979.21	9.63E-09	3.31E-09	1.29E-08	8.05E-09	2.48E-09	1.05E-08	1.91E-09	6.35E-10	2.54E-09	1.49E-09	3.06E-10	1.79E-09
3719	623955.25	4265989.11	9.70E-09	3.33E-09	1.30E-08	8.10E-09	2.50E-09	1.06E-08	1.92E-09	6.39E-10	2.56E-09	1.50E-09	3.08E-10	1.80E-09
3720	623955.11	4265999	9.76E-09	3.35E-09	1.31E-08	8.15E-09	2.51E-09	1.07E-08	1.93E-09	6.43E-10	2.57E-09	1.51E-09	3.10E-10	1.81E-09
3721	623954.96	4266008.89	9.81E-09	3.37E-09	1.32E-08	8.20E-09	2.53E-09	1.07E-08	1.94E-09	6.46E-10	2.59E-09	1.51E-09	3.11E-10	1.82E-09
3722	623954.82	4266018.78	9.86E-09	3.39E-09	1.32E-08	8.24E-09	2.54E-09	1.08E-08	1.95E-09	6.49E-10	2.60E-09	1.52E-09	3.13E-10	1.83E-09

3723	623954.68	4266028.68	9.90E-09	3.40E-09	1.33E-08	8.27E-09	2.55E-09	1.08E-08	1.96E-09	6.52E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
3724	623954.53	4266038.57	9.94E-09	3.42E-09	1.34E-08	8.30E-09	2.56E-09	1.09E-08	1.97E-09	6.55E-10	2.62E-09	1.53E-09	3.15E-10	1.85E-09
3725	623954.39	4266048.46	9.96E-09	3.43E-09	1.34E-08	8.33E-09	2.57E-09	1.09E-08	1.97E-09	6.57E-10	2.63E-09	1.54E-09	3.16E-10	1.85E-09
3726	623954.25	4266058.35	9.99E-09	3.43E-09	1.34E-08	8.35E-09	2.57E-09	1.09E-08	1.98E-09	6.58E-10	2.63E-09	1.54E-09	3.17E-10	1.86E-09
3727	623954.1	4266068.25	1.00E-08	3.44E-09	1.34E-08	8.36E-09	2.58E-09	1.09E-08	1.98E-09	6.59E-10	2.64E-09	1.54E-09	3.17E-10	1.86E-09
3728	623913.87	4265652.9	6.41E-09	2.20E-09	8.61E-09	5.36E-09	1.65E-09	7.01E-09	1.27E-09	4.22E-10	1.69E-09	9.89E-10	2.03E-10	1.19E-09
3729	623917.77	4265643.86	6.40E-09	2.20E-09	8.60E-09	5.35E-09	1.65E-09	7.00E-09	1.27E-09	4.22E-10	1.69E-09	9.88E-10	2.03E-10	1.19E-09
3730	623921.66	4265634.83	6.39E-09	2.20E-09	8.59E-09	5.34E-09	1.65E-09	6.99E-09	1.27E-09	4.21E-10	1.69E-09	9.87E-10	2.03E-10	1.19E-09
3731	623925.55	4265625.8	6.39E-09	2.20E-09	8.58E-09	5.34E-09	1.64E-09	6.98E-09	1.26E-09	4.21E-10	1.68E-09	9.85E-10	2.03E-10	1.19E-09
3732	623929.45	4265616.76	6.38E-09	2.19E-09	8.57E-09	5.33E-09	1.64E-09	6.97E-09	1.26E-09	4.20E-10	1.68E-09	9.84E-10	2.02E-10	1.19E-09
3733	623933.34	4265607.73	6.37E-09	2.19E-09	8.56E-09	5.33E-09	1.64E-09	6.97E-09	1.26E-09	4.20E-10	1.68E-09	9.83E-10	2.02E-10	1.19E-09
3734	623937.24	4265598.7	6.36E-09	2.19E-09	8.55E-09	5.32E-09	1.64E-09	6.96E-09	1.26E-09	4.19E-10	1.68E-09	9.82E-10	2.02E-10	1.18E-09
3735	623941.13	4265589.66	6.36E-09	2.19E-09	8.54E-09	5.31E-09	1.64E-09	6.95E-09	1.26E-09	4.19E-10	1.68E-09	9.81E-10	2.02E-10	1.18E-09
3736	623945.02	4265580.63	6.35E-09	2.18E-09	8.53E-09	5.31E-09	1.63E-09	6.94E-09	1.26E-09	4.18E-10	1.68E-09	9.80E-10	2.02E-10	1.18E-09
3737	623948.92	4265571.6	6.35E-09	2.18E-09	8.53E-09	5.30E-09	1.63E-09	6.94E-09	1.26E-09	4.18E-10	1.67E-09	9.79E-10	2.01E-10	1.18E-09
3738	623952.81	4265562.56	6.34E-09	2.18E-09	8.53E-09	5.30E-09	1.63E-09	6.94E-09	1.26E-09	4.18E-10	1.67E-09	9.79E-10	2.01E-10	1.18E-09
3739	623956.71	4265553.53	6.34E-09	2.18E-09	8.53E-09	5.30E-09	1.63E-09	6.94E-09	1.26E-09	4.18E-10	1.67E-09	9.79E-10	2.01E-10	1.18E-09
3740	623960.6	4265544.5	6.35E-09	2.18E-09	8.53E-09	5.30E-09	1.63E-09	6.94E-09	1.26E-09	4.18E-10	1.67E-09	9.79E-10	2.01E-10	1.18E-09
3741	623964.49	4265535.46	6.35E-09	2.18E-09	8.53E-09	5.31E-09	1.63E-09	6.94E-09	1.26E-09	4.18E-10	1.68E-09	9.80E-10	2.02E-10	1.18E-09
3742	623968.39	4265526.43	6.35E-09	2.19E-09	8.54E-09	5.31E-09	1.64E-09	6.95E-09	1.26E-09	4.19E-10	1.68E-09	9.80E-10	2.02E-10	1.18E-09
3743	623972.28	4265517.4	6.36E-09	2.19E-09	8.55E-09	5.31E-09	1.64E-09	6.95E-09	1.26E-09	4.19E-10	1.68E-09	9.81E-10	2.02E-10	1.18E-09
3744	623976.18	4265508.36	6.36E-09	2.19E-09	8.55E-09	5.32E-09	1.64E-09	6.96E-09	1.26E-09	4.19E-10	1.68E-09	9.82E-10	2.02E-10	1.18E-09
3745	623980.07	4265499.33	6.37E-09	2.19E-09	8.56E-09	5.32E-09	1.64E-09	6.96E-09	1.26E-09	4.19E-10	1.68E-09	9.82E-10	2.02E-10	1.18E-09
3746	623983.97	4265490.3	6.37E-09	2.19E-09	8.56E-09	5.32E-09	1.64E-09	6.96E-09	1.26E-09	4.20E-10	1.68E-09	9.83E-10	2.02E-10	1.18E-09
3747	623987.86	4265481.27	6.37E-09	2.19E-09	8.56E-09	5.32E-09	1.64E-09	6.96E-09	1.26E-09	4.20E-10	1.68E-09	9.83E-10	2.02E-10	1.19E-09
3748	623991.75	4265472.23	6.37E-09	2.19E-09	8.56E-09	5.32E-09	1.64E-09	6.96E-09	1.26E-09	4.20E-10	1.68E-09	9.83E-10	2.02E-10	1.18E-09
3749	623995.65	4265463.2	6.36E-09	2.19E-09	8.55E-09	5.32E-09	1.64E-09	6.96E-09	1.26E-09	4.19E-10	1.68E-09	9.82E-10	2.02E-10	1.18E-09
3750	623999.54	4265454.17	6.36E-09	2.19E-09	8.54E-09	5.31E-09	1.64E-09	6.95E-09	1.26E-09	4.19E-10	1.68E-09	9.81E-10	2.02E-10	1.18E-09
3751	624003.44	4265445.13	6.35E-09	2.18E-09	8.53E-09	5.31E-09	1.63E-09	6.94E-09	1.26E-09	4.18E-10	1.67E-09	9.79E-10	2.01E-10	1.18E-09
3752	624007.33	4265436.1	6.34E-09	2.18E-09	8.51E-09	5.30E-09	1.63E-09	6.93E-09	1.25E-09	4.17E-10	1.67E-09	9.78E-10	2.01E-10	1.18E-09
3753	624011.22	4265427.07	6.32E-09	2.17E-09	8.50E-09	5.28E-09	1.63E-09	6.91E-09	1.25E-09	4.16E-10	1.67E-09	9.75E-10	2.01E-10	1.18E-09
3754	624015.12	4265418.03	6.31E-09	2.17E-09	8.47E-09	5.27E-09	1.62E-09	6.89E-09	1.25E-09	4.15E-10	1.66E-09	9.73E-10	2.00E-10	1.17E-09
3755	624019.01	4265409	6.29E-09	2.16E-09	8.45E-09	5.26E-09	1.62E-09	6.87E-09	1.24E-09	4.14E-10	1.66E-09	9.70E-10	2.00E-10	1.17E-09
3756	624022.91	4265399.97	6.27E-09	2.16E-09	8.43E-09	5.24E-09	1.61E-09	6.85E-09	1.24E-09	4.13E-10	1.65E-09	9.67E-10	1.99E-10	1.17E-09
3757	624026.8	4265390.93	6.25E-09	2.15E-09	8.40E-09	5.22E-09	1.61E-09	6.83E-09	1.24E-09	4.12E-10	1.65E-09	9.64E-10	1.98E-10	1.16E-09
3758	624030.69	4265381.9	6.23E-09	2.14E-09	8.37E-09	5.21E-09	1.60E-09	6.81E-09	1.23E-09	4.10E-10	1.64E-09	9.61E-10	1.98E-10	1.16E-09
3759	624034.59	4265372.87	6.21E-09	2.14E-09	8.35E-09	5.19E-09	1.60E-09	6.79E-09	1.23E-09	4.09E-10	1.64E-09	9.58E-10	1.97E-10	1.16E-09
3760	624038.48	4265363.83	6.19E-09	2.13E-09	8.32E-09	5.17E-09	1.59E-09	6.77E-09	1.23E-09	4.08E-10	1.63E-09	9.55E-10	1.96E-10	1.15E-09
3761	624042.38	4265354.8	6.17E-09	2.12E-09	8.29E-09	5.16E-09	1.59E-09	6.75E-09	1.22E-09	4.06E-10	1.63E-09	9.52E-10	1.96E-10	1.15E-09
3762	624055.41	4265342.13	6.23E-09	2.14E-09	8.37E-09	5.21E-09	1.60E-09	6.81E-09	1.23E-09	4.11E-10	1.64E-09	9.61E-10	1.98E-10	1.16E-09
3763	624064.55	4265338.49	6.31E-09	2.17E-09	8.49E-09	5.28E-09	1.63E-09	6.90E-09	1.25E-09	4.16E-10	1.67E-09	9.74E-10	2.00E-10	1.17E-09
3764	624073.69	4265334.86	6.40E-09	2.20E-09	8.60E-09	5.35E-09	1.65E-09	7.00E-09	1.27E-09	4.22E-10	1.69E-09	9.87E-10	2.03E-10	1.19E-09
3765	624082.83	4265331.22	6.49E-09	2.23E-09	8.72E-09	5.42E-09	1.67E-09	7.09E-09	1.28E-09	4.27E-10	1.71E-09	1.00E-09	2.06E-10	1.21E-09
3766	624091.97	4265327.58	6.58E-09	2.26E-09	8.84E-09	5.50E-09	1.69E-09	7.19E-09	1.30E-09	4.33E-10	1.73E-09	1.01E-09	2.09E-10	1.22E-09
3767	624101.11	4265323.95	6.67E-09	2.29E-09	8.96E-09	5.57E-09	1.72E-09	7.29E-09	1.32E-09	4.39E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
3768	624110.25	4265320.31	6.76E-09	2.32E-09	9.08E-09	5.65E-09	1.74E-09	7.39E-09	1.34E-09	4.45E-10	1.78E-09	1.04E-09	2.14E-10	1.26E-09
3769	624119.39	4265316.67	6.84E-09	2.35E-09	9.20E-09	5.72E-09	1.76E-09	7.48E-09	1.35E-09	4.51E-10	1.81E-09	1.06E-09	2.17E-10	1.27E-09
3770	624128.53	4265313.04	6.93E-09	2.38E-09	9.31E-09	5.79E-09	1.78E-09	7.57E-09	1.37E-09	4.56E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
3771	624137.67	4265309.4	7.01E-09	2.41E-09	9.42E-09	5.86E-09	1.80E-09	7.66E-09	1.39E-09	4.62E-10	1.85E-09	1.08E-09	2.22E-10	1.30E-09
3772	624146.81	4265305.76	7.08E-09	2.44E-09	9.52E-09	5.92E-09	1.82E-09	7.74E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3773	624155.95	4265302.13	7.16E-09	2.46E-09	9.62E-09	5.98E-09	1.84E-09	7.82E-09	1.42E-09	4.72E-10	1.89E-09	1.10E-09	2.27E-10	1.33E-09
3774	624165.09	4265298.49	7.23E-09	2.48E-09	9.71E-09	6.04E-09	1.86E-09	7.90E-09	1.43E-09	4.76E-10	1.91E-09	1.12E-09	2.29E-10	1.34E-09
3775	624174.23	4265294.85	7.29E-09	2.51E-09	9.80E-09	6.09E-09	1.88E-09	7.97E-09	1.44E-09	4.80E-10	1.92E-09	1.13E-09	2.31E-10	1.36E-09
3776	624183.37	4265291.22	7.35E-09	2.53E-09	9.88E-09	6.14E-09	1.89E-09	8.04E-09	1.46E-09	4.84E-10	1.94E-09	1.13E-09	2.33E-10	1.37E-09
3777	624192.51	4265287.58	7.41E-09	2.55E-09	9.95E-09	6.19E-09	1.91E-09	8.10E-09	1.47E-09	4.88E-10	1.95E-09	1.14E-09	2.35E-10	1.38E-09
3778	624201.65	4265283.94	7.46E-09	2.56E-09	1.00E-08	6.23E-09	1.92E-09	8.15E-09	1.48E-09	4.91E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
3779	624210.79	4265280.31	7.50E-09	2.58E-09	1.01E-08	6.27E-09	1.93E-09	8.20E-09	1.49E-09	4.94E-10	1.98E-09	1.16E-09	2.38E-10	1.40E-09
3780	624219.93	4265276.67	7.54E-09	2.59E-09	1.01E-08	6.30E-09	1.94E-09	8.25E-09	1.49E-09	4.97E-10	1.99E-09	1.16E-09	2.39E-10	1.40E-09
3781	624229.07	4265273.03	7.58E-09	2.61E-09	1.02E-08	6.33E-09	1.95E-09	8.29E-09	1.50E-09	4.99E-10	2.00E-09	1.17E-09	2.41E-10	1.41E-09
3782	624238.21	4265269.4	7.61E-09	2.62E-09	1.02E-08	6.36E-09	1.96E-09	8.32E-09	1.51E-09	5.02E-10	2.01E-09	1.17E-09	2.42E-10	1.42E-09
3783	624247.35	4265265.76	7.64E-09	2.63E-09	1.03E-08	6.39E-09	1.97E-09	8.36E-09	1.51E-09	5.04E-10	2.02E-09	1.18E-09	2.43E-10	1.42E-09
3784	624256.49	4265262.12	7.67E-09	2.64E-09	1.03E-08	6.41E-09	1.98E-09	8.39E-09	1.52E-09	5.05E-10	2.02E-09	1.18E-09	2.43E-10	1.43E-09
3785	624265.63	4265258.49	7.70E-09	2.65E-09	1.04E-08	6.44E-09	1.98E-09	8.42E-09	1.52E-09	5.07E-10	2.03E-09	1.19E-09	2.44E-10	1.43E-09
3786	624274.77	4265254.85	7.73E-09	2.66E-09	1.04E-08	6.46E-09	1.99E-09	8.46E-09	1.53E-09	5.10E-10	2.04E-09	1.19E-09	2.45E-10	1.44E-09
3787	624283.91	4265251.21	7.77E-09	2.67E-09	1.04E-08	6.49E-09	2.00E-09	8.49E-09	1.54E-09	5.12E-10	2.05E-09	1.20E-09	2.47E-10	1.45E-09
3788	624293.05	4265247.58	7.81E-09	2.68E-09	1.05E-08	6.52E-09	2.01E-09	8.53E-09	1.55E-09	5.14E-10	2.06E-09	1.20E-09	2.48E-10	1.45E-09
3789	624302.19	4265243.94	7.85E-09	2.70E-09	1.05E-08	6.56E-09	2.02E-09	8.58E-09	1.55E-09	5.17E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
3790	624311.33	4265240.3	7.89E-09	2.71E-09	1.06E-08	6.60E-09	2.03E-09	8.63E-09	1.56E-09	5.20E-10	2.08E-09	1.22E-09	2.51E-10	1.47E-09
3791	624320.47	4265236.67	7.94E-09	2.73E-09	1.07E-08	6.64E-09	2.04E-09	8.68E-09	1.57E-09	5.23E-10	2.10E-09	1.23E-09	2.52E-10	1.48E-09

3792	624329.61	4265233.03	7.99E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
3793	624338.75	4265229.39	8.05E-09	2.77E-09	1.08E-08	6.73E-09	2.07E-09	8.80E-09	1.59E-09	5.30E-10	2.12E-09	1.24E-09	2.55E-10	1.50E-09
3794	624347.89	4265225.76	8.10E-09	2.79E-09	1.09E-08	6.77E-09	2.09E-09	8.85E-09	1.60E-09	5.34E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
3795	624357.03	4265222.12	8.15E-09	2.80E-09	1.10E-08	6.81E-09	2.10E-09	8.91E-09	1.61E-09	5.37E-10	2.15E-09	1.26E-09	2.59E-10	1.52E-09
3796	623909.98	4265661.93	6.41E-09	2.20E-09	8.62E-09	5.36E-09	1.65E-09	7.01E-09	1.27E-09	4.22E-10	1.69E-09	9.89E-10	2.03E-10	1.19E-09
3797	623909.83	4265671.82	6.47E-09	2.22E-09	8.69E-09	5.41E-09	1.67E-09	7.07E-09	1.28E-09	4.26E-10	1.71E-09	9.98E-10	2.05E-10	1.20E-09
3798	623909.69	4265681.72	6.52E-09	2.24E-09	8.76E-09	5.45E-09	1.68E-09	7.13E-09	1.29E-09	4.30E-10	1.72E-09	1.01E-09	2.07E-10	1.21E-09
3799	623909.55	4265691.61	6.57E-09	2.26E-09	8.83E-09	5.49E-09	1.69E-09	7.18E-09	1.30E-09	4.33E-10	1.73E-09	1.01E-09	2.09E-10	1.22E-09
3800	623909.4	4265701.5	6.62E-09	2.28E-09	8.89E-09	5.53E-09	1.70E-09	7.24E-09	1.31E-09	4.36E-10	1.75E-09	1.02E-09	2.10E-10	1.23E-09
3801	623909.26	4265711.39	6.66E-09	2.29E-09	8.95E-09	5.57E-09	1.72E-09	7.28E-09	1.32E-09	4.39E-10	1.76E-09	1.03E-09	2.11E-10	1.24E-09
3802	623909.12	4265721.29	6.70E-09	2.30E-09	9.01E-09	5.60E-09	1.73E-09	7.33E-09	1.33E-09	4.42E-10	1.77E-09	1.03E-09	2.13E-10	1.25E-09
3803	623908.98	4265731.18	6.74E-09	2.32E-09	9.06E-09	5.64E-09	1.74E-09	7.37E-09	1.33E-09	4.44E-10	1.78E-09	1.04E-09	2.14E-10	1.25E-09
3804	623908.83	4265741.07	6.78E-09	2.33E-09	9.11E-09	5.67E-09	1.75E-09	7.41E-09	1.34E-09	4.47E-10	1.79E-09	1.05E-09	2.15E-10	1.26E-09
3805	623908.69	4265750.96	6.82E-09	2.34E-09	9.16E-09	5.70E-09	1.76E-09	7.45E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
3806	623908.55	4265760.86	6.86E-09	2.36E-09	9.22E-09	5.73E-09	1.77E-09	7.50E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
3807	623908.4	4265770.75	6.90E-09	2.37E-09	9.27E-09	5.77E-09	1.78E-09	7.54E-09	1.37E-09	4.55E-10	1.82E-09	1.06E-09	2.19E-10	1.28E-09
3808	623908.26	4265780.64	6.94E-09	2.39E-09	9.33E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
3809	623908.12	4265790.53	6.99E-09	2.40E-09	9.40E-09	5.84E-09	1.80E-09	7.64E-09	1.38E-09	4.61E-10	1.84E-09	1.08E-09	2.22E-10	1.30E-09
3810	623907.97	4265800.43	7.04E-09	2.42E-09	9.47E-09	5.89E-09	1.81E-09	7.70E-09	1.39E-09	4.64E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
3811	623907.83	4265810.32	7.10E-09	2.44E-09	9.54E-09	5.94E-09	1.83E-09	7.77E-09	1.41E-09	4.68E-10	1.87E-09	1.10E-09	2.25E-10	1.32E-09
3812	623907.69	4265820.21	7.17E-09	2.46E-09	9.63E-09	5.99E-09	1.84E-09	7.83E-09	1.42E-09	4.72E-10	1.89E-09	1.11E-09	2.27E-10	1.33E-09
3813	623907.54	4265830.1	7.23E-09	2.49E-09	9.72E-09	6.05E-09	1.86E-09	7.91E-09	1.43E-09	4.77E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
3814	623907.4	4265840	7.31E-09	2.51E-09	9.82E-09	6.11E-09	1.88E-09	7.99E-09	1.45E-09	4.82E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
3815	623907.26	4265849.89	7.39E-09	2.54E-09	9.93E-09	6.17E-09	1.90E-09	8.08E-09	1.46E-09	4.87E-10	1.95E-09	1.14E-09	2.34E-10	1.37E-09
3816	623907.11	4265859.78	7.47E-09	2.57E-09	1.00E-08	6.24E-09	1.92E-09	8.16E-09	1.48E-09	4.92E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
3817	623906.97	4265869.67	7.55E-09	2.60E-09	1.02E-08	6.31E-09	1.94E-09	8.26E-09	1.49E-09	4.98E-10	1.99E-09	1.17E-09	2.40E-10	1.41E-09
3818	623906.83	4265879.57	7.64E-09	2.63E-09	1.03E-08	6.39E-09	1.97E-09	8.35E-09	1.51E-09	5.03E-10	2.02E-09	1.18E-09	2.42E-10	1.42E-09
3819	623906.69	4265889.46	7.73E-09	2.66E-09	1.04E-08	6.46E-09	1.99E-09	8.45E-09	1.53E-09	5.09E-10	2.04E-09	1.19E-09	2.45E-10	1.44E-09
3820	623906.54	4265899.35	7.82E-09	2.69E-09	1.05E-08	6.53E-09	2.01E-09	8.55E-09	1.55E-09	5.15E-10	2.06E-09	1.21E-09	2.48E-10	1.45E-09
3821	623906.4	4265909.24	7.90E-09	2.72E-09	1.06E-08	6.61E-09	2.03E-09	8.64E-09	1.56E-09	5.21E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
3822	623906.26	4265919.14	7.99E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.26E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
3823	623906.11	4265929.03	8.08E-09	2.78E-09	1.09E-08	6.75E-09	2.08E-09	8.83E-09	1.60E-09	5.32E-10	2.13E-09	1.25E-09	2.56E-10	1.50E-09
3824	623905.97	4265938.92	8.16E-09	2.81E-09	1.10E-08	6.82E-09	2.10E-09	8.92E-09	1.61E-09	5.37E-10	2.15E-09	1.26E-09	2.59E-10	1.52E-09
3825	623905.83	4265948.81	8.24E-09	2.83E-09	1.11E-08	6.88E-09	2.12E-09	9.00E-09	1.63E-09	5.43E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
3826	623905.68	4265958.71	8.31E-09	2.86E-09	1.12E-08	6.95E-09	2.14E-09	9.09E-09	1.65E-09	5.48E-10	2.19E-09	1.28E-09	2.64E-10	1.55E-09
3827	623905.54	4265968.6	8.39E-09	2.88E-09	1.13E-08	7.01E-09	2.16E-09	9.17E-09	1.66E-09	5.53E-10	2.21E-09	1.29E-09	2.66E-10	1.56E-09
3828	623905.4	4265978.49	8.46E-09	2.91E-09	1.14E-08	7.07E-09	2.18E-09	9.24E-09	1.67E-09	5.57E-10	2.23E-09	1.30E-09	2.68E-10	1.57E-09
3829	623905.25	4265988.38	8.52E-09	2.93E-09	1.14E-08	7.12E-09	2.19E-09	9.31E-09	1.69E-09	5.61E-10	2.25E-09	1.31E-09	2.70E-10	1.58E-09
3830	623905.11	4265998.28	8.57E-09	2.95E-09	1.15E-08	7.16E-09	2.21E-09	9.37E-09	1.70E-09	5.65E-10	2.26E-09	1.32E-09	2.72E-10	1.59E-09
3831	623904.97	4266008.17	8.62E-09	2.96E-09	1.16E-08	7.20E-09	2.22E-09	9.42E-09	1.71E-09	5.68E-10	2.27E-09	1.33E-09	2.74E-10	1.60E-09
3832	623904.82	4266018.06	8.66E-09	2.98E-09	1.16E-08	7.24E-09	2.23E-09	9.47E-09	1.71E-09	5.71E-10	2.28E-09	1.34E-09	2.75E-10	1.61E-09
3833	623904.68	4266027.95	8.69E-09	2.99E-09	1.17E-08	7.27E-09	2.24E-09	9.51E-09	1.72E-09	5.73E-10	2.29E-09	1.34E-09	2.76E-10	1.62E-09
3834	623904.54	4266037.85	8.72E-09	3.00E-09	1.17E-08	7.29E-09	2.25E-09	9.54E-09	1.73E-09	5.75E-10	2.30E-09	1.35E-09	2.77E-10	1.62E-09
3835	623904.4	4266047.74	8.75E-09	3.01E-09	1.18E-08	7.31E-09	2.25E-09	9.57E-09	1.73E-09	5.76E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
3836	623904.25	4266057.63	8.77E-09	3.02E-09	1.18E-08	7.33E-09	2.26E-09	9.59E-09	1.74E-09	5.78E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
3837	623904.11	4266067.52	8.79E-09	3.02E-09	1.18E-08	7.35E-09	2.26E-09	9.61E-09	1.74E-09	5.79E-10	2.32E-09	1.36E-09	2.79E-10	1.64E-09
3838	623863.87	4265652.2	5.76E-09	1.98E-09	7.75E-09	4.82E-09	1.48E-09	6.30E-09	1.14E-09	3.80E-10	1.52E-09	8.89E-10	1.83E-10	1.07E-09
3839	623867.75	4265643.19	5.76E-09	1.98E-09	7.75E-09	4.82E-09	1.48E-09	6.30E-09	1.14E-09	3.80E-10	1.52E-09	8.89E-10	1.83E-10	1.07E-09
3840	623871.63	4265634.18	5.76E-09	1.98E-09	7.74E-09	4.81E-09	1.48E-09	6.30E-09	1.14E-09	3.80E-10	1.52E-09	8.89E-10	1.83E-10	1.07E-09
3841	623875.51	4265625.18	5.76E-09	1.98E-09	7.74E-09	4.81E-09	1.48E-09	6.29E-09	1.14E-09	3.79E-10	1.52E-09	8.88E-10	1.83E-10	1.07E-09
3842	623879.4	4265616.17	5.75E-09	1.98E-09	7.73E-09	4.81E-09	1.48E-09	6.29E-09	1.14E-09	3.79E-10	1.52E-09	8.87E-10	1.83E-10	1.07E-09
3843	623883.28	4265607.16	5.74E-09	1.98E-09	7.72E-09	4.80E-09	1.48E-09	6.28E-09	1.14E-09	3.78E-10	1.52E-09	8.86E-10	1.82E-10	1.07E-09
3844	623887.16	4265598.15	5.74E-09	1.97E-09	7.71E-09	4.80E-09	1.48E-09	6.27E-09	1.14E-09	3.78E-10	1.51E-09	8.86E-10	1.82E-10	1.07E-09
3845	623891.05	4265589.15	5.73E-09	1.97E-09	7.70E-09	4.79E-09	1.48E-09	6.27E-09	1.13E-09	3.78E-10	1.51E-09	8.85E-10	1.82E-10	1.07E-09
3846	623894.93	4265580.14	5.73E-09	1.97E-09	7.70E-09	4.79E-09	1.47E-09	6.26E-09	1.13E-09	3.77E-10	1.51E-09	8.84E-10	1.82E-10	1.07E-09
3847	623898.81	4265571.13	5.73E-09	1.97E-09	7.69E-09	4.79E-09	1.47E-09	6.26E-09	1.13E-09	3.77E-10	1.51E-09	8.83E-10	1.82E-10	1.07E-09
3848	623902.7	4265562.12	5.72E-09	1.97E-09	7.69E-09	4.78E-09	1.47E-09	6.26E-09	1.13E-09	3.77E-10	1.51E-09	8.83E-10	1.82E-10	1.06E-09
3849	623906.58	4265553.12	5.72E-09	1.97E-09	7.69E-09	4.78E-09	1.47E-09	6.26E-09	1.13E-09	3.77E-10	1.51E-09	8.83E-10	1.82E-10	1.06E-09
3850	623910.46	4265544.11	5.73E-09	1.97E-09	7.70E-09	4.79E-09	1.47E-09	6.26E-09	1.13E-09	3.77E-10	1.51E-09	8.84E-10	1.82E-10	1.07E-09
3851	623914.34	4265535.1	5.73E-09	1.97E-09	7.70E-09	4.79E-09	1.48E-09	6.26E-09	1.13E-09	3.78E-10	1.51E-09	8.84E-10	1.82E-10	1.07E-09
3852	623918.23	4265526.09	5.74E-09	1.97E-09	7.71E-09	4.79E-09	1.48E-09	6.27E-09	1.14E-09	3.78E-10	1.51E-09	8.85E-10	1.82E-10	1.07E-09
3853	623922.11	4265517.09	5.74E-09	1.97E-09	7.71E-09	4.80E-09	1.48E-09	6.28E-09	1.14E-09	3.78E-10	1.51E-09	8.86E-10	1.82E-10	1.07E-09
3854	623925.99	4265508.08	5.75E-09	1.98E-09	7.72E-09	4.80E-09	1.48E-09	6.28E-09	1.14E-09	3.79E-10	1.52E-09	8.87E-10	1.82E-10	1.07E-09
3855	623929.88	4265499.07	5.75E-09	1.98E-09	7.73E-09	4.81E-09	1.48E-09	6.29E-09	1.14E-09	3.79E-10	1.52E-09	8.88E-10	1.83E-10	1.07E-09
3856	623933.76	4265490.06	5.76E-09	1.98E-09	7.74E-09	4.81E-09	1.48E-09	6.30E-09	1.14E-09	3.79E-10	1.52E-09	8.89E-10	1.83E-10	1.07E-09
3857	623937.64	4265481.06	5.76E-09	1.98E-09	7.74E-09	4.82E-09	1.48E-09	6.30E-09	1.14E-09	3.80E-10	1.52E-09	8.89E-10	1.83E-10	1.07E-09
3858	623941.53	4265472.05	5.77E-09	1.98E-09	7.75E-09	4.82E-09	1.48E-09	6.30E-09	1.14E-09	3.80E-10	1.52E-09	8.90E-10	1.83E-10	1.07E-09
3859	623945.41	4265463.04	5.77E-09	1.98E-09	7.75E-09	4.82E-09	1.48E-09	6.30E-09	1.14E-09	3.80E-10	1.52E-09	8.90E-10	1.83E-10	1.07E-09
3860	623949.29	4265454.03	5.76E-09	1.98E-09	7.75E-09	4.82E-09	1.48E-09	6.30E-09	1.14E-09	3.80E-10	1.52E-09	8.89E-10	1.83E-10	1.07E-09

3861	623953.18	4265445.03	5.76E-09	1.98E-09	7.74E-09	4.82E-09	1.48E-09	6.30E-09	1.14E-09	3.80E-10	1.52E-09	8.89E-10	1.83E-10	1.07E-09
3862	623957.06	4265436.02	5.76E-09	1.98E-09	7.73E-09	4.81E-09	1.48E-09	6.29E-09	1.14E-09	3.79E-10	1.52E-09	8.88E-10	1.83E-10	1.07E-09
3863	623960.94	4265427.01	5.75E-09	1.98E-09	7.72E-09	4.80E-09	1.48E-09	6.28E-09	1.14E-09	3.79E-10	1.52E-09	8.87E-10	1.82E-10	1.07E-09
3864	623964.82	4265418	5.74E-09	1.97E-09	7.71E-09	4.80E-09	1.48E-09	6.27E-09	1.14E-09	3.78E-10	1.51E-09	8.85E-10	1.82E-10	1.07E-09
3865	623968.71	4265409	5.72E-09	1.97E-09	7.69E-09	4.79E-09	1.47E-09	6.26E-09	1.13E-09	3.77E-10	1.51E-09	8.83E-10	1.82E-10	1.07E-09
3866	623972.59	4265399.99	5.71E-09	1.96E-09	7.67E-09	4.77E-09	1.47E-09	6.24E-09	1.13E-09	3.76E-10	1.51E-09	8.81E-10	1.81E-10	1.06E-09
3867	623976.47	4265390.98	5.70E-09	1.96E-09	7.65E-09	4.76E-09	1.47E-09	6.23E-09	1.13E-09	3.75E-10	1.50E-09	8.79E-10	1.81E-10	1.06E-09
3868	623980.36	4265381.97	5.68E-09	1.95E-09	7.63E-09	4.75E-09	1.46E-09	6.21E-09	1.12E-09	3.74E-10	1.50E-09	8.76E-10	1.80E-10	1.06E-09
3869	623984.24	4265372.97	5.66E-09	1.95E-09	7.61E-09	4.73E-09	1.46E-09	6.19E-09	1.12E-09	3.73E-10	1.49E-09	8.74E-10	1.80E-10	1.05E-09
3870	623988.12	4265363.96	5.64E-09	1.94E-09	7.58E-09	4.72E-09	1.45E-09	6.17E-09	1.12E-09	3.72E-10	1.49E-09	8.71E-10	1.79E-10	1.05E-09
3871	623992.01	4265354.95	5.62E-09	1.93E-09	7.56E-09	4.70E-09	1.45E-09	6.15E-09	1.11E-09	3.71E-10	1.48E-09	8.68E-10	1.78E-10	1.05E-09
3872	623995.89	4265345.94	5.61E-09	1.93E-09	7.53E-09	4.69E-09	1.44E-09	6.13E-09	1.11E-09	3.69E-10	1.48E-09	8.65E-10	1.78E-10	1.04E-09
3873	623999.77	4265336.94	5.59E-09	1.92E-09	7.51E-09	4.67E-09	1.44E-09	6.11E-09	1.11E-09	3.68E-10	1.47E-09	8.62E-10	1.77E-10	1.04E-09
3874	624003.65	4265327.93	5.57E-09	1.92E-09	7.49E-09	4.66E-09	1.43E-09	6.09E-09	1.10E-09	3.67E-10	1.47E-09	8.59E-10	1.77E-10	1.04E-09
3875	624007.54	4265318.92	5.55E-09	1.91E-09	7.46E-09	4.64E-09	1.43E-09	6.07E-09	1.10E-09	3.66E-10	1.46E-09	8.57E-10	1.76E-10	1.03E-09
3876	624020.53	4265306.29	5.60E-09	1.93E-09	7.53E-09	4.68E-09	1.44E-09	6.13E-09	1.11E-09	3.69E-10	1.48E-09	8.65E-10	1.78E-10	1.04E-09
3877	624029.65	4265302.66	5.68E-09	1.95E-09	7.63E-09	4.74E-09	1.46E-09	6.21E-09	1.12E-09	3.74E-10	1.50E-09	8.76E-10	1.80E-10	1.06E-09
3878	624038.76	4265299.03	5.75E-09	1.98E-09	7.72E-09	4.80E-09	1.48E-09	6.28E-09	1.14E-09	3.79E-10	1.52E-09	8.87E-10	1.82E-10	1.07E-09
3879	624047.88	4265295.41	5.82E-09	2.00E-09	7.82E-09	4.87E-09	1.50E-09	6.36E-09	1.15E-09	3.84E-10	1.54E-09	8.98E-10	1.85E-10	1.08E-09
3880	624056.99	4265291.78	5.90E-09	2.03E-09	7.92E-09	4.93E-09	1.52E-09	6.45E-09	1.17E-09	3.89E-10	1.56E-09	9.10E-10	1.87E-10	1.10E-09
3881	624066.1	4265288.16	5.97E-09	2.05E-09	8.03E-09	4.99E-09	1.54E-09	6.53E-09	1.18E-09	3.94E-10	1.58E-09	9.22E-10	1.90E-10	1.11E-09
3882	624075.22	4265284.53	6.05E-09	2.08E-09	8.13E-09	5.06E-09	1.56E-09	6.61E-09	1.20E-09	3.99E-10	1.60E-09	9.33E-10	1.92E-10	1.13E-09
3883	624084.33	4265280.9	6.12E-09	2.11E-09	8.23E-09	5.12E-09	1.58E-09	6.70E-09	1.21E-09	4.04E-10	1.62E-09	9.45E-10	1.94E-10	1.14E-09
3884	624093.45	4265277.28	6.20E-09	2.13E-09	8.34E-09	5.19E-09	1.60E-09	6.78E-09	1.23E-09	4.09E-10	1.64E-09	9.57E-10	1.97E-10	1.15E-09
3885	624102.56	4265273.65	6.28E-09	2.16E-09	8.44E-09	5.25E-09	1.62E-09	6.87E-09	1.24E-09	4.14E-10	1.66E-09	9.69E-10	1.99E-10	1.17E-09
3886	624111.67	4265270.02	6.36E-09	2.19E-09	8.54E-09	5.31E-09	1.64E-09	6.95E-09	1.26E-09	4.19E-10	1.68E-09	9.81E-10	2.02E-10	1.18E-09
3887	624120.79	4265266.4	6.43E-09	2.21E-09	8.64E-09	5.37E-09	1.65E-09	7.03E-09	1.27E-09	4.23E-10	1.70E-09	9.92E-10	2.04E-10	1.20E-09
3888	624129.9	4265262.77	6.49E-09	2.23E-09	8.73E-09	5.43E-09	1.67E-09	7.10E-09	1.29E-09	4.28E-10	1.71E-09	1.00E-09	2.06E-10	1.21E-09
3889	624139.02	4265259.15	6.56E-09	2.25E-09	8.81E-09	5.48E-09	1.69E-09	7.17E-09	1.30E-09	4.32E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
3890	624148.13	4265255.52	6.62E-09	2.28E-09	8.89E-09	5.53E-09	1.70E-09	7.23E-09	1.31E-09	4.36E-10	1.75E-09	1.02E-09	2.10E-10	1.23E-09
3891	624157.24	4265251.89	6.67E-09	2.29E-09	8.97E-09	5.58E-09	1.72E-09	7.30E-09	1.32E-09	4.40E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
3892	624166.36	4265248.27	6.72E-09	2.31E-09	9.04E-09	5.62E-09	1.73E-09	7.35E-09	1.33E-09	4.43E-10	1.77E-09	1.04E-09	2.13E-10	1.25E-09
3893	624175.47	4265244.64	6.77E-09	2.33E-09	9.10E-09	5.66E-09	1.74E-09	7.40E-09	1.34E-09	4.46E-10	1.79E-09	1.04E-09	2.15E-10	1.26E-09
3894	624184.58	4265241.01	6.81E-09	2.34E-09	9.15E-09	5.69E-09	1.75E-09	7.45E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
3895	624193.7	4265237.39	6.85E-09	2.36E-09	9.20E-09	5.72E-09	1.76E-09	7.49E-09	1.36E-09	4.51E-10	1.81E-09	1.06E-09	2.17E-10	1.27E-09
3896	624202.81	4265233.76	6.88E-09	2.37E-09	9.25E-09	5.75E-09	1.77E-09	7.52E-09	1.36E-09	4.53E-10	1.82E-09	1.06E-09	2.18E-10	1.28E-09
3897	624211.93	4265230.14	6.91E-09	2.38E-09	9.29E-09	5.78E-09	1.78E-09	7.55E-09	1.37E-09	4.55E-10	1.82E-09	1.07E-09	2.19E-10	1.29E-09
3898	624221.04	4265226.51	6.93E-09	2.38E-09	9.32E-09	5.80E-09	1.79E-09	7.58E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
3899	624230.15	4265222.88	6.96E-09	2.39E-09	9.35E-09	5.81E-09	1.79E-09	7.60E-09	1.38E-09	4.58E-10	1.84E-09	1.07E-09	2.21E-10	1.29E-09
3900	624239.27	4265219.26	6.98E-09	2.40E-09	9.37E-09	5.83E-09	1.80E-09	7.63E-09	1.38E-09	4.60E-10	1.84E-09	1.08E-09	2.21E-10	1.30E-09
3901	624248.38	4265215.63	6.99E-09	2.41E-09	9.40E-09	5.85E-09	1.80E-09	7.65E-09	1.38E-09	4.61E-10	1.85E-09	1.08E-09	2.22E-10	1.30E-09
3902	624257.5	4265212	7.01E-09	2.41E-09	9.43E-09	5.86E-09	1.81E-09	7.67E-09	1.39E-09	4.62E-10	1.85E-09	1.08E-09	2.23E-10	1.31E-09
3903	624266.61	4265208.38	7.04E-09	2.42E-09	9.46E-09	5.88E-09	1.81E-09	7.69E-09	1.39E-09	4.64E-10	1.86E-09	1.09E-09	2.23E-10	1.31E-09
3904	624275.72	4265204.75	7.06E-09	2.43E-09	9.49E-09	5.90E-09	1.82E-09	7.72E-09	1.40E-09	4.65E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
3905	624284.84	4265201.12	7.09E-09	2.44E-09	9.52E-09	5.92E-09	1.82E-09	7.75E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
3906	624293.95	4265197.5	7.12E-09	2.45E-09	9.57E-09	5.95E-09	1.83E-09	7.78E-09	1.41E-09	4.69E-10	1.88E-09	1.10E-09	2.26E-10	1.32E-09
3907	624303.07	4265193.87	7.15E-09	2.46E-09	9.61E-09	5.98E-09	1.84E-09	7.82E-09	1.42E-09	4.71E-10	1.89E-09	1.10E-09	2.27E-10	1.33E-09
3908	624312.18	4265190.25	7.19E-09	2.47E-09	9.66E-09	6.01E-09	1.85E-09	7.86E-09	1.42E-09	4.74E-10	1.90E-09	1.11E-09	2.28E-10	1.34E-09
3909	624321.29	4265186.62	7.23E-09	2.48E-09	9.71E-09	6.04E-09	1.86E-09	7.90E-09	1.43E-09	4.76E-10	1.91E-09	1.11E-09	2.29E-10	1.34E-09
3910	624330.41	4265182.99	7.27E-09	2.50E-09	9.76E-09	6.07E-09	1.87E-09	7.94E-09	1.44E-09	4.79E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
3911	624339.52	4265179.37	7.31E-09	2.51E-09	9.82E-09	6.11E-09	1.88E-09	7.99E-09	1.45E-09	4.81E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
3912	624348.63	4265175.74	7.35E-09	2.53E-09	9.87E-09	6.14E-09	1.89E-09	8.03E-09	1.45E-09	4.84E-10	1.94E-09	1.13E-09	2.33E-10	1.37E-09
3913	624357.75	4265172.11	7.39E-09	2.54E-09	9.93E-09	6.18E-09	1.90E-09	8.08E-09	1.46E-09	4.87E-10	1.95E-09	1.14E-09	2.35E-10	1.37E-09
3914	623859.98	4265661.21	5.76E-09	1.98E-09	7.74E-09	4.82E-09	1.48E-09	6.30E-09	1.14E-09	3.80E-10	1.52E-09	8.89E-10	1.83E-10	1.07E-09
3915	623859.84	4265671.1	5.81E-09	2.00E-09	7.80E-09	4.85E-09	1.49E-09	6.35E-09	1.15E-09	3.83E-10	1.53E-09	8.96E-10	1.84E-10	1.08E-09
3916	623859.7	4265680.99	5.85E-09	2.01E-09	7.86E-09	4.89E-09	1.51E-09	6.39E-09	1.16E-09	3.85E-10	1.54E-09	9.02E-10	1.86E-10	1.09E-09
3917	623859.55	4265690.88	5.89E-09	2.02E-09	7.91E-09	4.92E-09	1.52E-09	6.43E-09	1.16E-09	3.88E-10	1.55E-09	9.08E-10	1.87E-10	1.09E-09
3918	623859.41	4265700.78	5.92E-09	2.04E-09	7.96E-09	4.95E-09	1.52E-09	6.47E-09	1.17E-09	3.90E-10	1.56E-09	9.14E-10	1.88E-10	1.10E-09
3919	623859.27	4265710.67	5.95E-09	2.05E-09	8.00E-09	4.98E-09	1.53E-09	6.51E-09	1.18E-09	3.92E-10	1.57E-09	9.19E-10	1.89E-10	1.11E-09
3920	623859.12	4265720.56	5.99E-09	2.06E-09	8.04E-09	5.00E-09	1.54E-09	6.54E-09	1.18E-09	3.94E-10	1.58E-09	9.24E-10	1.90E-10	1.11E-09
3921	623858.98	4265730.45	6.02E-09	2.07E-09	8.09E-09	5.03E-09	1.55E-09	6.58E-09	1.19E-09	3.96E-10	1.59E-09	9.28E-10	1.91E-10	1.12E-09
3922	623858.84	4265740.35	6.05E-09	2.08E-09	8.13E-09	5.05E-09	1.56E-09	6.61E-09	1.20E-09	3.98E-10	1.60E-09	9.33E-10	1.92E-10	1.13E-09
3923	623858.69	4265750.24	6.08E-09	2.09E-09	8.16E-09	5.08E-09	1.56E-09	6.64E-09	1.20E-09	4.00E-10	1.60E-09	9.37E-10	1.93E-10	1.13E-09
3924	623858.55	4265760.13	6.10E-09	2.10E-09	8.20E-09	5.10E-09	1.57E-09	6.67E-09	1.21E-09	4.02E-10	1.61E-09	9.42E-10	1.94E-10	1.14E-09
3925	623858.41	4265770.02	6.13E-09	2.11E-09	8.24E-09	5.13E-09	1.58E-09	6.71E-09	1.21E-09	4.04E-10	1.62E-09	9.46E-10	1.95E-10	1.14E-09
3926	623858.26	4265779.92	6.17E-09	2.12E-09	8.29E-09	5.15E-09	1.59E-09	6.74E-09	1.22E-09	4.06E-10	1.63E-09	9.52E-10	1.96E-10	1.15E-09
3927	623858.12	4265789.81	6.20E-09	2.13E-09	8.34E-09	5.19E-09	1.60E-09	6.78E-09	1.23E-09	4.09E-10	1.64E-09	9.57E-10	1.97E-10	1.15E-09
3928	623857.98	4265799.7	6.25E-09	2.15E-09	8.40E-09	5.22E-09	1.61E-09	6.83E-09	1.24E-09	4.12E-10	1.65E-09	9.64E-10	1.98E-10	1.16E-09
3929	623857.84	4265809.59	6.29E-09	2.16E-09	8.46E-09	5.26E-09	1.62E-09	6.88E-09	1.25E-09	4.15E-10	1.66E-09	9.71E-10	2.00E-10	1.17E-09

3930	623857.69	4265819.49	6.34E-09	2.18E-09	8.52E-09	5.30E-09	1.63E-09	6.94E-09	1.26E-09	4.18E-10	1.67E-09	9.79E-10	2.01E-10	1.18E-09
3931	623857.55	4265829.38	6.40E-09	2.20E-09	8.60E-09	5.35E-09	1.65E-09	7.00E-09	1.27E-09	4.22E-10	1.69E-09	9.87E-10	2.03E-10	1.19E-09
3932	623857.41	4265839.27	6.46E-09	2.22E-09	8.68E-09	5.40E-09	1.66E-09	7.06E-09	1.28E-09	4.26E-10	1.70E-09	9.97E-10	2.05E-10	1.20E-09
3933	623857.26	4265849.16	6.52E-09	2.24E-09	8.77E-09	5.45E-09	1.68E-09	7.13E-09	1.29E-09	4.30E-10	1.72E-09	1.01E-09	2.07E-10	1.21E-09
3934	623857.12	4265859.06	6.60E-09	2.27E-09	8.86E-09	5.51E-09	1.70E-09	7.21E-09	1.31E-09	4.35E-10	1.74E-09	1.02E-09	2.09E-10	1.23E-09
3935	623856.98	4265868.95	6.67E-09	2.29E-09	8.96E-09	5.57E-09	1.72E-09	7.29E-09	1.32E-09	4.39E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
3936	623856.83	4265878.84	6.75E-09	2.32E-09	9.07E-09	5.64E-09	1.74E-09	7.38E-09	1.34E-09	4.44E-10	1.78E-09	1.04E-09	2.14E-10	1.26E-09
3937	623856.69	4265888.73	6.83E-09	2.35E-09	9.17E-09	5.71E-09	1.76E-09	7.46E-09	1.35E-09	4.50E-10	1.80E-09	1.05E-09	2.17E-10	1.27E-09
3938	623856.55	4265898.63	6.91E-09	2.37E-09	9.28E-09	5.77E-09	1.78E-09	7.55E-09	1.37E-09	4.55E-10	1.82E-09	1.07E-09	2.19E-10	1.28E-09
3939	623856.4	4265908.52	6.99E-09	2.40E-09	9.39E-09	5.84E-09	1.80E-09	7.64E-09	1.38E-09	4.60E-10	1.84E-09	1.08E-09	2.22E-10	1.30E-09
3940	623856.26	4265918.41	7.07E-09	2.43E-09	9.50E-09	5.91E-09	1.82E-09	7.73E-09	1.40E-09	4.66E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
3941	623856.12	4265928.3	7.14E-09	2.46E-09	9.60E-09	5.97E-09	1.84E-09	7.81E-09	1.41E-09	4.71E-10	1.88E-09	1.10E-09	2.27E-10	1.33E-09
3942	623855.97	4265938.2	7.22E-09	2.48E-09	9.70E-09	6.04E-09	1.86E-09	7.89E-09	1.43E-09	4.76E-10	1.91E-09	1.11E-09	2.29E-10	1.34E-09
3943	623855.83	4265948.09	7.29E-09	2.51E-09	9.80E-09	6.10E-09	1.88E-09	7.97E-09	1.44E-09	4.81E-10	1.92E-09	1.13E-09	2.31E-10	1.36E-09
3944	623855.69	4265957.98	7.36E-09	2.53E-09	9.89E-09	6.15E-09	1.90E-09	8.05E-09	1.46E-09	4.85E-10	1.94E-09	1.14E-09	2.34E-10	1.37E-09
3945	623855.55	4265967.87	7.43E-09	2.55E-09	9.98E-09	6.21E-09	1.91E-09	8.12E-09	1.47E-09	4.89E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
3946	623855.4	4265977.77	7.49E-09	2.57E-09	1.01E-08	6.26E-09	1.93E-09	8.19E-09	1.48E-09	4.93E-10	1.98E-09	1.16E-09	2.38E-10	1.39E-09
3947	623855.26	4265987.66	7.54E-09	2.59E-09	1.01E-08	6.30E-09	1.94E-09	8.25E-09	1.49E-09	4.97E-10	1.99E-09	1.16E-09	2.39E-10	1.40E-09
3948	623855.12	4265997.55	7.59E-09	2.61E-09	1.02E-08	6.35E-09	1.96E-09	8.30E-09	1.50E-09	5.00E-10	2.00E-09	1.17E-09	2.41E-10	1.41E-09
3949	623854.97	4266007.44	7.64E-09	2.63E-09	1.03E-08	6.39E-09	1.97E-09	8.35E-09	1.51E-09	5.03E-10	2.02E-09	1.18E-09	2.42E-10	1.42E-09
3950	623854.83	4266017.34	7.68E-09	2.64E-09	1.03E-08	6.42E-09	1.98E-09	8.40E-09	1.52E-09	5.06E-10	2.03E-09	1.18E-09	2.44E-10	1.43E-09
3951	623854.69	4266027.23	7.71E-09	2.65E-09	1.04E-08	6.45E-09	1.99E-09	8.43E-09	1.53E-09	5.08E-10	2.04E-09	1.19E-09	2.45E-10	1.44E-09
3952	623854.54	4266037.12	7.75E-09	2.66E-09	1.04E-08	6.47E-09	1.99E-09	8.47E-09	1.53E-09	5.10E-10	2.04E-09	1.20E-09	2.46E-10	1.44E-09
3953	623854.4	4266047.01	7.77E-09	2.67E-09	1.04E-08	6.49E-09	2.00E-09	8.50E-09	1.54E-09	5.12E-10	2.05E-09	1.20E-09	2.47E-10	1.45E-09
3954	623854.26	4266056.91	7.79E-09	2.68E-09	1.05E-08	6.51E-09	2.01E-09	8.51E-09	1.54E-09	5.13E-10	2.05E-09	1.20E-09	2.47E-10	1.45E-09
3955	623854.11	4266066.8	7.80E-09	2.68E-09	1.05E-08	6.52E-09	2.01E-09	8.53E-09	1.54E-09	5.14E-10	2.06E-09	1.20E-09	2.48E-10	1.45E-09
3956	623813.86	4265651.5	5.22E-09	1.80E-09	7.02E-09	4.37E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.72E-10
3957	623817.74	4265642.51	5.23E-09	1.80E-09	7.02E-09	4.37E-09	1.35E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.72E-10
3958	623821.61	4265633.52	5.23E-09	1.80E-09	7.02E-09	4.37E-09	1.35E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.72E-10
3959	623825.48	4265624.54	5.23E-09	1.80E-09	7.02E-09	4.37E-09	1.35E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.72E-10
3960	623829.36	4265615.55	5.22E-09	1.80E-09	7.02E-09	4.37E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.72E-10
3961	623833.23	4265606.56	5.22E-09	1.80E-09	7.02E-09	4.36E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.71E-10
3962	623837.11	4265597.58	5.22E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.66E-10	9.71E-10
3963	623840.98	4265588.59	5.21E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.65E-10	9.70E-10
3964	623844.85	4265579.6	5.21E-09	1.79E-09	7.00E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.43E-10	1.38E-09	8.04E-10	1.65E-10	9.70E-10
3965	623848.73	4265570.62	5.21E-09	1.79E-09	7.00E-09	4.35E-09	1.34E-09	5.70E-09	1.03E-09	3.43E-10	1.37E-09	8.04E-10	1.65E-10	9.69E-10
3966	623852.6	4265561.63	5.21E-09	1.79E-09	7.00E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.04E-10	1.65E-10	9.69E-10
3967	623856.48	4265552.64	5.21E-09	1.79E-09	7.00E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.04E-10	1.65E-10	9.69E-10
3968	623860.35	4265543.66	5.21E-09	1.79E-09	7.00E-09	4.35E-09	1.34E-09	5.70E-09	1.03E-09	3.43E-10	1.37E-09	8.04E-10	1.65E-10	9.69E-10
3969	623864.22	4265534.67	5.21E-09	1.79E-09	7.00E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.43E-10	1.37E-09	8.04E-10	1.65E-10	9.70E-10
3970	623868.1	4265525.68	5.21E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.65E-10	9.70E-10
3971	623871.97	4265516.7	5.22E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.66E-10	9.71E-10
3972	623875.85	4265507.71	5.22E-09	1.80E-09	7.02E-09	4.37E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.72E-10
3973	623879.72	4265498.73	5.23E-09	1.80E-09	7.03E-09	4.37E-09	1.35E-09	5.72E-09	1.03E-09	3.44E-10	1.38E-09	8.07E-10	1.66E-10	9.73E-10
3974	623883.59	4265489.74	5.23E-09	1.80E-09	7.03E-09	4.37E-09	1.35E-09	5.72E-09	1.04E-09	3.45E-10	1.38E-09	8.07E-10	1.66E-10	9.73E-10
3975	623887.47	4265480.75	5.24E-09	1.80E-09	7.04E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.45E-10	1.38E-09	8.08E-10	1.66E-10	9.74E-10
3976	623891.34	4265471.77	5.24E-09	1.80E-09	7.04E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.45E-10	1.38E-09	8.09E-10	1.66E-10	9.75E-10
3977	623895.22	4265462.78	5.24E-09	1.80E-09	7.05E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.46E-10	1.38E-09	8.09E-10	1.66E-10	9.76E-10
3978	623899.09	4265453.79	5.25E-09	1.80E-09	7.05E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.38E-09	8.10E-10	1.67E-10	9.76E-10
3979	623902.96	4265444.81	5.25E-09	1.80E-09	7.05E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.38E-09	8.10E-10	1.67E-10	9.76E-10
3980	623906.84	4265435.82	5.25E-09	1.80E-09	7.05E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.38E-09	8.10E-10	1.67E-10	9.76E-10
3981	623910.71	4265426.83	5.25E-09	1.80E-09	7.05E-09	4.38E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.38E-09	8.09E-10	1.66E-10	9.76E-10
3982	623914.59	4265417.85	5.24E-09	1.80E-09	7.05E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.45E-10	1.38E-09	8.09E-10	1.66E-10	9.75E-10
3983	623918.46	4265408.86	5.24E-09	1.80E-09	7.04E-09	4.38E-09	1.35E-09	5.72E-09	1.04E-09	3.45E-10	1.38E-09	8.08E-10	1.66E-10	9.74E-10
3984	623922.33	4265399.87	5.23E-09	1.80E-09	7.03E-09	4.37E-09	1.35E-09	5.72E-09	1.03E-09	3.44E-10	1.38E-09	8.07E-10	1.66E-10	9.73E-10
3985	623926.21	4265390.89	5.22E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.66E-10	9.71E-10
3986	623930.08	4265381.9	5.21E-09	1.79E-09	7.00E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.04E-10	1.65E-10	9.69E-10
3987	623933.96	4265372.91	5.19E-09	1.79E-09	6.98E-09	4.34E-09	1.34E-09	5.68E-09	1.03E-09	3.42E-10	1.37E-09	8.02E-10	1.65E-10	9.66E-10
3988	623937.83	4265363.93	5.18E-09	1.78E-09	6.96E-09	4.33E-09	1.33E-09	5.66E-09	1.03E-09	3.41E-10	1.37E-09	7.99E-10	1.64E-10	9.63E-10
3989	623941.7	4265354.94	5.16E-09	1.78E-09	6.94E-09	4.32E-09	1.33E-09	5.64E-09	1.02E-09	3.40E-10	1.36E-09	7.97E-10	1.64E-10	9.60E-10
3990	623945.58	4265345.95	5.15E-09	1.77E-09	6.92E-09	4.30E-09	1.32E-09	5.63E-09	1.02E-09	3.39E-10	1.36E-09	7.94E-10	1.63E-10	9.57E-10
3991	623949.45	4265336.97	5.13E-09	1.76E-09	6.89E-09	4.29E-09	1.32E-09	5.61E-09	1.02E-09	3.38E-10	1.35E-09	7.91E-10	1.63E-10	9.54E-10
3992	623953.33	4265327.98	5.11E-09	1.76E-09	6.87E-09	4.27E-09	1.32E-09	5.59E-09	1.01E-09	3.37E-10	1.35E-09	7.89E-10	1.62E-10	9.51E-10
3993	623957.2	4265318.99	5.09E-09	1.75E-09	6.85E-09	4.26E-09	1.31E-09	5.57E-09	1.01E-09	3.36E-10	1.34E-09	7.86E-10	1.62E-10	9.48E-10
3994	623961.07	4265310.01	5.08E-09	1.75E-09	6.82E-09	4.24E-09	1.31E-09	5.55E-09	1.00E-09	3.34E-10	1.34E-09	7.83E-10	1.61E-10	9.45E-10
3995	623964.95	4265301.02	5.06E-09	1.74E-09	6.80E-09	4.23E-09	1.30E-09	5.53E-09	1.00E-09	3.33E-10	1.34E-09	7.81E-10	1.61E-10	9.41E-10
3996	623968.82	4265292.03	5.05E-09	1.73E-09	6.78E-09	4.22E-09	1.30E-09	5.52E-09	9.99E-10	3.32E-10	1.33E-09	7.78E-10	1.60E-10	9.39E-10
3997	623972.7	4265283.05	5.03E-09	1.73E-09	6.76E-09	4.20E-09	1.30E-09	5.50E-09	9.96E-10	3.31E-10	1.33E-09	7.76E-10	1.60E-10	9.36E-10
3998	623985.66	4265270.44	5.08E-09	1.75E-09	6.82E-09	4.24E-09	1.31E-09	5.55E-09	1.00E-09	3.34E-10	1.34E-09	7.83E-10	1.61E-10	9.44E-10

3999	623994.75	4265266.83	5.14E-09	1.77E-09	6.90E-09	4.29E-09	1.32E-09	5.62E-09	1.02E-09	3.38E-10	1.35E-09	7.92E-10	1.63E-10	9.55E-10
4000	624003.85	4265263.21	5.20E-09	1.79E-09	6.99E-09	4.34E-09	1.34E-09	5.68E-09	1.03E-09	3.42E-10	1.37E-09	8.02E-10	1.65E-10	9.67E-10
4001	624012.94	4265259.59	5.26E-09	1.81E-09	7.07E-09	4.40E-09	1.35E-09	5.75E-09	1.04E-09	3.47E-10	1.39E-09	8.12E-10	1.67E-10	9.79E-10
4002	624022.03	4265255.97	5.33E-09	1.83E-09	7.16E-09	4.45E-09	1.37E-09	5.82E-09	1.05E-09	3.51E-10	1.41E-09	8.22E-10	1.69E-10	9.91E-10
4003	624031.13	4265252.35	5.39E-09	1.85E-09	7.25E-09	4.51E-09	1.39E-09	5.90E-09	1.07E-09	3.55E-10	1.42E-09	8.32E-10	1.71E-10	1.00E-09
4004	624040.22	4265248.74	5.46E-09	1.88E-09	7.34E-09	4.56E-09	1.41E-09	5.97E-09	1.08E-09	3.60E-10	1.44E-09	8.43E-10	1.73E-10	1.02E-09
4005	624049.31	4265245.12	5.53E-09	1.90E-09	7.43E-09	4.62E-09	1.42E-09	6.04E-09	1.09E-09	3.64E-10	1.46E-09	8.53E-10	1.75E-10	1.03E-09
4006	624058.4	4265241.5	5.60E-09	1.92E-09	7.52E-09	4.68E-09	1.44E-09	6.12E-09	1.11E-09	3.69E-10	1.48E-09	8.64E-10	1.78E-10	1.04E-09
4007	624067.5	4265237.88	5.66E-09	1.95E-09	7.61E-09	4.73E-09	1.46E-09	6.19E-09	1.12E-09	3.73E-10	1.49E-09	8.74E-10	1.80E-10	1.05E-09
4008	624076.59	4265234.26	5.73E-09	1.97E-09	7.70E-09	4.79E-09	1.48E-09	6.26E-09	1.13E-09	3.78E-10	1.51E-09	8.84E-10	1.82E-10	1.07E-09
4009	624085.68	4265230.65	5.80E-09	1.99E-09	7.79E-09	4.84E-09	1.49E-09	6.34E-09	1.15E-09	3.82E-10	1.53E-09	8.94E-10	1.84E-10	1.08E-09
4010	624094.77	4265227.03	5.86E-09	2.02E-09	7.88E-09	4.90E-09	1.51E-09	6.41E-09	1.16E-09	3.86E-10	1.55E-09	9.04E-10	1.86E-10	1.09E-09
4011	624103.87	4265223.41	5.92E-09	2.04E-09	7.96E-09	4.95E-09	1.53E-09	6.48E-09	1.17E-09	3.90E-10	1.56E-09	9.14E-10	1.88E-10	1.10E-09
4012	624112.96	4265219.79	5.98E-09	2.06E-09	8.04E-09	5.00E-09	1.54E-09	6.54E-09	1.18E-09	3.94E-10	1.58E-09	9.23E-10	1.90E-10	1.11E-09
4013	624122.05	4265216.18	6.04E-09	2.08E-09	8.12E-09	5.05E-09	1.55E-09	6.60E-09	1.20E-09	3.98E-10	1.59E-09	9.32E-10	1.92E-10	1.12E-09
4014	624131.15	4265212.56	6.09E-09	2.10E-09	8.19E-09	5.09E-09	1.57E-09	6.66E-09	1.21E-09	4.01E-10	1.61E-09	9.40E-10	1.93E-10	1.13E-09
4015	624140.24	4265208.94	6.14E-09	2.11E-09	8.26E-09	5.13E-09	1.58E-09	6.72E-09	1.22E-09	4.05E-10	1.62E-09	9.48E-10	1.95E-10	1.14E-09
4016	624149.33	4265205.32	6.19E-09	2.13E-09	8.32E-09	5.17E-09	1.59E-09	6.77E-09	1.22E-09	4.08E-10	1.63E-09	9.55E-10	1.96E-10	1.15E-09
4017	624158.42	4265201.7	6.23E-09	2.14E-09	8.37E-09	5.21E-09	1.60E-09	6.81E-09	1.23E-09	4.10E-10	1.64E-09	9.61E-10	1.98E-10	1.16E-09
4018	624167.52	4265198.09	6.26E-09	2.15E-09	8.42E-09	5.23E-09	1.61E-09	6.85E-09	1.24E-09	4.13E-10	1.65E-09	9.66E-10	1.99E-10	1.17E-09
4019	624176.61	4265194.47	6.29E-09	2.16E-09	8.46E-09	5.26E-09	1.62E-09	6.88E-09	1.25E-09	4.15E-10	1.66E-09	9.71E-10	2.00E-10	1.17E-09
4020	624185.7	4265190.85	6.32E-09	2.17E-09	8.49E-09	5.28E-09	1.63E-09	6.91E-09	1.25E-09	4.16E-10	1.67E-09	9.75E-10	2.01E-10	1.18E-09
4021	624194.79	4265187.23	6.34E-09	2.18E-09	8.52E-09	5.30E-09	1.63E-09	6.93E-09	1.26E-09	4.18E-10	1.67E-09	9.78E-10	2.01E-10	1.18E-09
4022	624203.89	4265183.61	6.36E-09	2.19E-09	8.55E-09	5.32E-09	1.64E-09	6.95E-09	1.26E-09	4.19E-10	1.68E-09	9.81E-10	2.02E-10	1.18E-09
4023	624212.98	4265180	6.37E-09	2.19E-09	8.57E-09	5.33E-09	1.64E-09	6.97E-09	1.26E-09	4.20E-10	1.68E-09	9.84E-10	2.02E-10	1.19E-09
4024	624222.07	4265176.38	6.39E-09	2.20E-09	8.58E-09	5.34E-09	1.64E-09	6.98E-09	1.26E-09	4.21E-10	1.69E-09	9.86E-10	2.03E-10	1.19E-09
4025	624231.17	4265172.76	6.40E-09	2.20E-09	8.60E-09	5.35E-09	1.65E-09	7.00E-09	1.27E-09	4.22E-10	1.69E-09	9.87E-10	2.03E-10	1.19E-09
4026	624240.26	4265169.14	6.41E-09	2.20E-09	8.61E-09	5.36E-09	1.65E-09	7.01E-09	1.27E-09	4.22E-10	1.69E-09	9.89E-10	2.03E-10	1.19E-09
4027	624249.35	4265165.53	6.42E-09	2.21E-09	8.63E-09	5.37E-09	1.65E-09	7.02E-09	1.27E-09	4.23E-10	1.69E-09	9.91E-10	2.04E-10	1.19E-09
4028	624258.44	4265161.91	6.44E-09	2.21E-09	8.65E-09	5.38E-09	1.66E-09	7.04E-09	1.27E-09	4.24E-10	1.70E-09	9.93E-10	2.04E-10	1.20E-09
4029	624267.54	4265158.29	6.45E-09	2.22E-09	8.67E-09	5.39E-09	1.66E-09	7.05E-09	1.28E-09	4.25E-10	1.70E-09	9.95E-10	2.05E-10	1.20E-09
4030	624276.63	4265154.67	6.47E-09	2.22E-09	8.69E-09	5.41E-09	1.67E-09	7.07E-09	1.28E-09	4.26E-10	1.71E-09	9.98E-10	2.05E-10	1.20E-09
4031	624285.72	4265151.05	6.49E-09	2.23E-09	8.72E-09	5.43E-09	1.67E-09	7.10E-09	1.28E-09	4.28E-10	1.71E-09	1.00E-09	2.06E-10	1.21E-09
4032	624294.81	4265147.44	6.51E-09	2.24E-09	8.75E-09	5.45E-09	1.68E-09	7.12E-09	1.29E-09	4.29E-10	1.72E-09	1.01E-09	2.07E-10	1.21E-09
4033	624303.91	4265143.82	6.54E-09	2.25E-09	8.79E-09	5.47E-09	1.68E-09	7.15E-09	1.29E-09	4.31E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
4034	624313	4265140.2	6.57E-09	2.26E-09	8.83E-09	5.49E-09	1.69E-09	7.18E-09	1.30E-09	4.33E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
4035	624322.09	4265136.58	6.60E-09	2.27E-09	8.87E-09	5.52E-09	1.70E-09	7.22E-09	1.31E-09	4.35E-10	1.74E-09	1.02E-09	2.09E-10	1.23E-09
4036	624331.19	4265132.96	6.63E-09	2.28E-09	8.92E-09	5.54E-09	1.71E-09	7.25E-09	1.31E-09	4.37E-10	1.75E-09	1.02E-09	2.11E-10	1.23E-09
4037	624340.28	4265129.35	6.67E-09	2.29E-09	8.96E-09	5.57E-09	1.72E-09	7.29E-09	1.32E-09	4.39E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
4038	624349.37	4265125.73	6.70E-09	2.31E-09	9.01E-09	5.60E-09	1.73E-09	7.33E-09	1.33E-09	4.42E-10	1.77E-09	1.03E-09	2.13E-10	1.25E-09
4039	624358.46	4265122.11	6.74E-09	2.32E-09	9.06E-09	5.63E-09	1.73E-09	7.37E-09	1.33E-09	4.44E-10	1.78E-09	1.04E-09	2.14E-10	1.25E-09
4040	623809.99	4265660.48	5.22E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.66E-10	9.71E-10
4041	623809.84	4265670.38	5.25E-09	1.81E-09	7.06E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.39E-09	8.11E-10	1.67E-10	9.77E-10
4042	623809.7	4265680.27	5.29E-09	1.82E-09	7.10E-09	4.42E-09	1.36E-09	5.78E-09	1.05E-09	3.48E-10	1.39E-09	8.16E-10	1.68E-10	9.83E-10
4043	623809.56	4265690.16	5.32E-09	1.83E-09	7.14E-09	4.44E-09	1.37E-09	5.81E-09	1.05E-09	3.50E-10	1.40E-09	8.20E-10	1.69E-10	9.89E-10
4044	623809.42	4265700.05	5.34E-09	1.84E-09	7.18E-09	4.47E-09	1.38E-09	5.84E-09	1.06E-09	3.52E-10	1.41E-09	8.24E-10	1.70E-10	9.94E-10
4045	623809.27	4265709.95	5.37E-09	1.85E-09	7.21E-09	4.49E-09	1.38E-09	5.87E-09	1.06E-09	3.54E-10	1.42E-09	8.28E-10	1.70E-10	9.99E-10
4046	623809.13	4265719.84	5.39E-09	1.85E-09	7.25E-09	4.51E-09	1.39E-09	5.90E-09	1.07E-09	3.55E-10	1.42E-09	8.32E-10	1.71E-10	1.00E-09
4047	623808.99	4265729.73	5.41E-09	1.86E-09	7.28E-09	4.53E-09	1.39E-09	5.92E-09	1.07E-09	3.57E-10	1.43E-09	8.36E-10	1.72E-10	1.01E-09
4048	623808.84	4265739.62	5.44E-09	1.87E-09	7.31E-09	4.54E-09	1.40E-09	5.94E-09	1.08E-09	3.58E-10	1.43E-09	8.39E-10	1.73E-10	1.01E-09
4049	623808.7	4265749.52	5.46E-09	1.88E-09	7.33E-09	4.56E-09	1.41E-09	5.97E-09	1.08E-09	3.60E-10	1.44E-09	8.42E-10	1.73E-10	1.02E-09
4050	623808.56	4265759.41	5.48E-09	1.88E-09	7.36E-09	4.58E-09	1.41E-09	5.99E-09	1.08E-09	3.61E-10	1.45E-09	8.46E-10	1.74E-10	1.02E-09
4051	623808.41	4265769.3	5.50E-09	1.89E-09	7.39E-09	4.60E-09	1.42E-09	6.02E-09	1.09E-09	3.63E-10	1.45E-09	8.49E-10	1.75E-10	1.02E-09
4052	623808.27	4265779.19	5.53E-09	1.90E-09	7.43E-09	4.62E-09	1.42E-09	6.04E-09	1.09E-09	3.64E-10	1.46E-09	8.53E-10	1.75E-10	1.03E-09
4053	623808.13	4265789.09	5.56E-09	1.91E-09	7.47E-09	4.64E-09	1.43E-09	6.07E-09	1.10E-09	3.66E-10	1.47E-09	8.57E-10	1.76E-10	1.03E-09
4054	623807.98	4265798.98	5.59E-09	1.92E-09	7.51E-09	4.67E-09	1.44E-09	6.11E-09	1.11E-09	3.68E-10	1.47E-09	8.62E-10	1.77E-10	1.04E-09
4055	623807.84	4265808.87	5.62E-09	1.93E-09	7.56E-09	4.70E-09	1.45E-09	6.15E-09	1.11E-09	3.71E-10	1.48E-09	8.68E-10	1.78E-10	1.05E-09
4056	623807.7	4265818.76	5.66E-09	1.95E-09	7.61E-09	4.73E-09	1.46E-09	6.19E-09	1.12E-09	3.73E-10	1.49E-09	8.74E-10	1.80E-10	1.05E-09
4057	623807.55	4265828.66	5.71E-09	1.96E-09	7.67E-09	4.77E-09	1.47E-09	6.24E-09	1.13E-09	3.76E-10	1.51E-09	8.81E-10	1.81E-10	1.06E-09
4058	623807.41	4265838.55	5.76E-09	1.98E-09	7.74E-09	4.82E-09	1.48E-09	6.30E-09	1.14E-09	3.80E-10	1.52E-09	8.89E-10	1.83E-10	1.07E-09
4059	623807.27	4265848.44	5.82E-09	2.00E-09	7.82E-09	4.87E-09	1.50E-09	6.36E-09	1.15E-09	3.83E-10	1.54E-09	8.98E-10	1.85E-10	1.08E-09
4060	623807.13	4265858.33	5.88E-09	2.02E-09	7.91E-09	4.92E-09	1.51E-09	6.43E-09	1.16E-09	3.88E-10	1.55E-09	9.08E-10	1.87E-10	1.09E-09
4061	623806.98	4265868.23	5.95E-09	2.05E-09	7.99E-09	4.97E-09	1.53E-09	6.50E-09	1.18E-09	3.92E-10	1.57E-09	9.18E-10	1.89E-10	1.11E-09
4062	623806.84	4265878.12	6.02E-09	2.07E-09	8.08E-09	5.03E-09	1.55E-09	6.58E-09	1.19E-09	3.96E-10	1.59E-09	9.28E-10	1.91E-10	1.12E-09
4063	623806.7	4265888.01	6.09E-09	2.09E-09	8.18E-09	5.09E-09	1.57E-09	6.65E-09	1.20E-09	4.01E-10	1.61E-09	9.39E-10	1.93E-10	1.13E-09
4064	623806.55	4265897.9	6.16E-09	2.12E-09	8.27E-09	5.15E-09	1.59E-09	6.73E-09	1.22E-09	4.06E-10	1.62E-09	9.50E-10	1.95E-10	1.15E-09
4065	623806.41	4265907.8	6.23E-09	2.14E-09	8.37E-09	5.21E-09	1.60E-09	6.81E-09	1.23E-09	4.10E-10	1.64E-09	9.61E-10	1.98E-10	1.16E-09
4066	623806.27	4265917.69	6.30E-09	2.17E-09	8.47E-09	5.27E-09	1.62E-09	6.89E-09	1.25E-09	4.15E-10	1.66E-09	9.73E-10	2.00E-10	1.17E-09
4067	623806.12	4265927.58	6.38E-09	2.19E-09	8.57E-09	5.33E-09	1.64E-09	6.97E-09	1.26E-09	4.20E-10	1.68E-09	9.84E-10	2.02E-10	1.19E-09

4068	623805.98	4265937.47	6.44E-09	2.22E-09	8.66E-09	5.39E-09	1.66E-09	7.05E-09	1.28E-09	4.25E-10	1.70E-09	9.94E-10	2.05E-10	1.20E-09
4069	623805.84	4265947.37	6.51E-09	2.24E-09	8.75E-09	5.44E-09	1.68E-09	7.12E-09	1.29E-09	4.29E-10	1.72E-09	1.00E-09	2.07E-10	1.21E-09
4070	623805.69	4265957.26	6.57E-09	2.26E-09	8.84E-09	5.50E-09	1.69E-09	7.19E-09	1.30E-09	4.33E-10	1.73E-09	1.01E-09	2.09E-10	1.22E-09
4071	623763.86	4265650.79	4.76E-09	1.64E-09	6.39E-09	3.97E-09	1.22E-09	5.20E-09	9.41E-10	3.13E-10	1.25E-09	7.34E-10	1.51E-10	8.85E-10
4072	623767.73	4265641.82	4.76E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.20E-09	9.42E-10	3.14E-10	1.26E-09	7.34E-10	1.51E-10	8.85E-10
4073	623771.59	4265632.85	4.76E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.86E-10
4074	623775.46	4265623.88	4.76E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.86E-10
4075	623779.33	4265614.91	4.76E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.86E-10
4076	623783.19	4265605.94	4.77E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.87E-10
4077	623787.06	4265596.98	4.76E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.86E-10
4078	623790.92	4265588.01	4.76E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.86E-10
4079	623794.79	4265579.04	4.76E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.86E-10
4080	623798.66	4265570.07	4.76E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.86E-10
4081	623802.52	4265561.1	4.76E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.86E-10
4082	623806.39	4265552.13	4.77E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.87E-10
4083	623810.26	4265543.16	4.77E-09	1.64E-09	6.41E-09	3.99E-09	1.23E-09	5.21E-09	9.44E-10	3.14E-10	1.26E-09	7.36E-10	1.51E-10	8.87E-10
4084	623814.12	4265534.19	4.77E-09	1.64E-09	6.41E-09	3.99E-09	1.23E-09	5.22E-09	9.44E-10	3.14E-10	1.26E-09	7.36E-10	1.51E-10	8.87E-10
4085	623817.99	4265525.22	4.77E-09	1.64E-09	6.42E-09	3.99E-09	1.23E-09	5.22E-09	9.45E-10	3.15E-10	1.26E-09	7.37E-10	1.52E-10	8.88E-10
4086	623821.86	4265516.25	4.78E-09	1.64E-09	6.42E-09	3.99E-09	1.23E-09	5.22E-09	9.46E-10	3.15E-10	1.26E-09	7.37E-10	1.52E-10	8.89E-10
4087	623825.72	4265507.28	4.78E-09	1.64E-09	6.43E-09	4.00E-09	1.23E-09	5.23E-09	9.47E-10	3.15E-10	1.26E-09	7.38E-10	1.52E-10	8.90E-10
4088	623829.59	4265498.31	4.79E-09	1.65E-09	6.43E-09	4.00E-09	1.23E-09	5.23E-09	9.48E-10	3.15E-10	1.26E-09	7.39E-10	1.52E-10	8.91E-10
4089	623833.46	4265489.35	4.79E-09	1.65E-09	6.44E-09	4.01E-09	1.23E-09	5.24E-09	9.49E-10	3.16E-10	1.26E-09	7.40E-10	1.52E-10	8.92E-10
4090	623837.32	4265480.38	4.80E-09	1.65E-09	6.45E-09	4.01E-09	1.24E-09	5.25E-09	9.50E-10	3.16E-10	1.27E-09	7.40E-10	1.52E-10	8.93E-10
4091	623841.19	4265471.41	4.80E-09	1.65E-09	6.46E-09	4.02E-09	1.24E-09	5.25E-09	9.51E-10	3.17E-10	1.27E-09	7.41E-10	1.52E-10	8.94E-10
4092	623845.06	4265462.44	4.81E-09	1.65E-09	6.46E-09	4.02E-09	1.24E-09	5.26E-09	9.52E-10	3.17E-10	1.27E-09	7.42E-10	1.53E-10	8.95E-10
4093	623848.92	4265453.47	4.81E-09	1.65E-09	6.47E-09	4.02E-09	1.24E-09	5.26E-09	9.53E-10	3.17E-10	1.27E-09	7.43E-10	1.53E-10	8.95E-10
4094	623852.79	4265444.5	4.82E-09	1.66E-09	6.47E-09	4.03E-09	1.24E-09	5.27E-09	9.53E-10	3.17E-10	1.27E-09	7.43E-10	1.53E-10	8.96E-10
4095	623856.66	4265435.53	4.82E-09	1.66E-09	6.47E-09	4.03E-09	1.24E-09	5.27E-09	9.54E-10	3.17E-10	1.27E-09	7.43E-10	1.53E-10	8.96E-10
4096	623860.52	4265426.56	4.82E-09	1.66E-09	6.48E-09	4.03E-09	1.24E-09	5.27E-09	9.54E-10	3.17E-10	1.27E-09	7.43E-10	1.53E-10	8.96E-10
4097	623864.39	4265417.59	4.82E-09	1.66E-09	6.47E-09	4.03E-09	1.24E-09	5.27E-09	9.53E-10	3.17E-10	1.27E-09	7.43E-10	1.53E-10	8.96E-10
4098	623868.25	4265408.62	4.81E-09	1.66E-09	6.47E-09	4.02E-09	1.24E-09	5.26E-09	9.53E-10	3.17E-10	1.27E-09	7.43E-10	1.53E-10	8.96E-10
4099	623872.12	4265399.65	4.81E-09	1.65E-09	6.46E-09	4.02E-09	1.24E-09	5.26E-09	9.52E-10	3.17E-10	1.27E-09	7.42E-10	1.53E-10	8.95E-10
4100	623875.99	4265390.68	4.80E-09	1.65E-09	6.45E-09	4.01E-09	1.24E-09	5.25E-09	9.51E-10	3.16E-10	1.27E-09	7.41E-10	1.52E-10	8.93E-10
4101	623879.85	4265381.72	4.79E-09	1.65E-09	6.44E-09	4.01E-09	1.23E-09	5.24E-09	9.49E-10	3.16E-10	1.26E-09	7.40E-10	1.52E-10	8.92E-10
4102	623883.72	4265372.75	4.78E-09	1.64E-09	6.43E-09	4.00E-09	1.23E-09	5.23E-09	9.47E-10	3.15E-10	1.26E-09	7.38E-10	1.52E-10	8.90E-10
4103	623887.59	4265363.78	4.77E-09	1.64E-09	6.41E-09	3.99E-09	1.23E-09	5.22E-09	9.44E-10	3.14E-10	1.26E-09	7.36E-10	1.51E-10	8.88E-10
4104	623891.45	4265354.81	4.76E-09	1.64E-09	6.39E-09	3.98E-09	1.23E-09	5.20E-09	9.42E-10	3.13E-10	1.26E-09	7.34E-10	1.51E-10	8.85E-10
4105	623895.32	4265345.84	4.74E-09	1.63E-09	6.37E-09	3.96E-09	1.22E-09	5.19E-09	9.39E-10	3.13E-10	1.25E-09	7.32E-10	1.51E-10	8.82E-10
4106	623899.19	4265336.87	4.73E-09	1.63E-09	6.35E-09	3.95E-09	1.22E-09	5.17E-09	9.36E-10	3.12E-10	1.25E-09	7.30E-10	1.50E-10	8.80E-10
4107	623903.05	4265327.9	4.71E-09	1.62E-09	6.33E-09	3.94E-09	1.21E-09	5.15E-09	9.33E-10	3.10E-10	1.24E-09	7.27E-10	1.50E-10	8.77E-10
4108	623906.92	4265318.93	4.70E-09	1.61E-09	6.31E-09	3.93E-09	1.21E-09	5.13E-09	9.30E-10	3.09E-10	1.24E-09	7.25E-10	1.49E-10	8.74E-10
4109	623910.79	4265309.96	4.68E-09	1.61E-09	6.29E-09	3.91E-09	1.21E-09	5.12E-09	9.27E-10	3.08E-10	1.23E-09	7.22E-10	1.49E-10	8.71E-10
4110	623914.65	4265300.99	4.67E-09	1.60E-09	6.27E-09	3.90E-09	1.20E-09	5.10E-09	9.23E-10	3.07E-10	1.23E-09	7.20E-10	1.48E-10	8.68E-10
4111	623918.52	4265292.02	4.65E-09	1.60E-09	6.25E-09	3.89E-09	1.20E-09	5.08E-09	9.21E-10	3.06E-10	1.23E-09	7.18E-10	1.48E-10	8.65E-10
4112	623922.39	4265283.05	4.64E-09	1.59E-09	6.23E-09	3.87E-09	1.19E-09	5.07E-09	9.18E-10	3.05E-10	1.22E-09	7.15E-10	1.47E-10	8.62E-10
4113	623926.25	4265274.09	4.62E-09	1.59E-09	6.21E-09	3.86E-09	1.19E-09	5.05E-09	9.15E-10	3.05E-10	1.22E-09	7.13E-10	1.47E-10	8.60E-10
4114	623930.12	4265265.12	4.61E-09	1.58E-09	6.19E-09	3.85E-09	1.19E-09	5.04E-09	9.12E-10	3.04E-10	1.22E-09	7.11E-10	1.46E-10	8.57E-10
4115	623933.99	4265256.15	4.60E-09	1.58E-09	6.18E-09	3.84E-09	1.18E-09	5.02E-09	9.10E-10	3.03E-10	1.21E-09	7.09E-10	1.46E-10	8.55E-10
4116	623937.85	4265247.18	4.58E-09	1.58E-09	6.16E-09	3.83E-09	1.18E-09	5.01E-09	9.07E-10	3.02E-10	1.21E-09	7.07E-10	1.45E-10	8.53E-10
4117	623950.79	4265234.6	4.62E-09	1.59E-09	6.21E-09	3.86E-09	1.19E-09	5.05E-09	9.15E-10	3.05E-10	1.22E-09	7.13E-10	1.47E-10	8.60E-10
4118	623959.87	4265230.99	4.68E-09	1.61E-09	6.28E-09	3.91E-09	1.20E-09	5.11E-09	9.25E-10	3.08E-10	1.23E-09	7.21E-10	1.48E-10	8.70E-10
4119	623968.94	4265227.38	4.73E-09	1.63E-09	6.36E-09	3.95E-09	1.22E-09	5.17E-09	9.36E-10	3.12E-10	1.25E-09	7.30E-10	1.50E-10	8.80E-10
4120	623978.02	4265223.76	4.79E-09	1.65E-09	6.43E-09	4.00E-09	1.23E-09	5.23E-09	9.47E-10	3.15E-10	1.26E-09	7.38E-10	1.52E-10	8.90E-10
4121	623987.09	4265220.15	4.84E-09	1.67E-09	6.51E-09	4.05E-09	1.25E-09	5.30E-09	9.59E-10	3.19E-10	1.28E-09	7.47E-10	1.54E-10	9.01E-10
4122	623996.17	4265216.54	4.90E-09	1.69E-09	6.59E-09	4.10E-09	1.26E-09	5.36E-09	9.70E-10	3.23E-10	1.29E-09	7.56E-10	1.56E-10	9.12E-10
4123	624005.24	4265212.93	4.96E-09	1.71E-09	6.67E-09	4.15E-09	1.28E-09	5.42E-09	9.82E-10	3.27E-10	1.31E-09	7.65E-10	1.57E-10	9.23E-10
4124	624014.32	4265209.32	5.02E-09	1.73E-09	6.75E-09	4.20E-09	1.29E-09	5.49E-09	9.94E-10	3.31E-10	1.32E-09	7.75E-10	1.59E-10	9.34E-10
4125	624023.39	4265205.71	5.08E-09	1.75E-09	6.83E-09	4.25E-09	1.31E-09	5.56E-09	1.01E-09	3.35E-10	1.34E-09	7.84E-10	1.61E-10	9.45E-10
4126	624032.47	4265202.1	5.14E-09	1.77E-09	6.91E-09	4.30E-09	1.32E-09	5.62E-09	1.02E-09	3.39E-10	1.36E-09	7.94E-10	1.63E-10	9.57E-10
4127	624041.54	4265198.49	5.20E-09	1.79E-09	6.99E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.03E-10	1.65E-10	9.68E-10
4128	624050.62	4265194.88	5.26E-09	1.81E-09	7.07E-09	4.40E-09	1.36E-09	5.75E-09	1.04E-09	3.47E-10	1.39E-09	8.12E-10	1.67E-10	9.79E-10
4129	624059.7	4265191.27	5.32E-09	1.83E-09	7.15E-09	4.45E-09	1.37E-09	5.82E-09	1.05E-09	3.51E-10	1.40E-09	8.21E-10	1.69E-10	9.90E-10
4130	624068.77	4265187.66	5.38E-09	1.85E-09	7.23E-09	4.50E-09	1.39E-09	5.88E-09	1.06E-09	3.54E-10	1.42E-09	8.30E-10	1.71E-10	1.00E-09
4131	624077.85	4265184.05	5.44E-09	1.87E-09	7.31E-09	4.54E-09	1.40E-09	5.94E-09	1.08E-09	3.58E-10	1.43E-09	8.39E-10	1.73E-10	1.01E-09
4132	624086.92	4265180.43	5.49E-09	1.89E-09	7.38E-09	4.59E-09	1.41E-09	6.00E-09	1.09E-09	3.62E-10	1.45E-09	8.47E-10	1.74E-10	1.02E-09
4133	624096	4265176.82	5.54E-09	1.91E-09	7.45E-09	4.63E-09	1.43E-09	6.06E-09	1.10E-09	3.65E-10	1.46E-09	8.55E-10	1.76E-10	1.03E-09
4134	624105.07	4265173.21	5.59E-09	1.92E-09	7.51E-09	4.67E-09	1.44E-09	6.11E-09	1.11E-09	3.68E-10	1.47E-09	8.63E-10	1.77E-10	1.04E-09
4135	624114.15	4265169.6	5.64E-09	1.94E-09	7.57E-09	4.71E-09	1.45E-09	6.16E-09	1.12E-09	3.71E-10	1.49E-09	8.70E-10	1.79E-10	1.05E-09
4136	624123.22	4265165.99	5.68E-09	1.95E-09	7.63E-09	4.75E-09	1.46E-09	6.21E-09	1.12E-09	3.74E-10	1.50E-09	8.76E-10	1.80E-10	1.06E-09

4137	624132.3	4265162.38	5.72E-09	1.97E-09	7.69E-09	4.78E-09	1.47E-09	6.26E-09	1.13E-09	3.77E-10	1.51E-09	8.83E-10	1.82E-10	1.06E-09
4138	624141.37	4265158.77	5.76E-09	1.98E-09	7.74E-09	4.81E-09	1.48E-09	6.30E-09	1.14E-09	3.79E-10	1.52E-09	8.89E-10	1.83E-10	1.07E-09
4139	624150.45	4265155.16	5.79E-09	1.99E-09	7.78E-09	4.84E-09	1.49E-09	6.33E-09	1.15E-09	3.81E-10	1.53E-09	8.93E-10	1.84E-10	1.08E-09
4140	624159.52	4265151.55	5.81E-09	2.00E-09	7.81E-09	4.86E-09	1.50E-09	6.36E-09	1.15E-09	3.83E-10	1.53E-09	8.97E-10	1.85E-10	1.08E-09
4141	624168.6	4265147.94	5.84E-09	2.01E-09	7.84E-09	4.88E-09	1.50E-09	6.38E-09	1.15E-09	3.84E-10	1.54E-09	9.00E-10	1.85E-10	1.09E-09
4142	624177.67	4265144.33	5.85E-09	2.01E-09	7.86E-09	4.89E-09	1.51E-09	6.40E-09	1.16E-09	3.86E-10	1.54E-09	9.03E-10	1.86E-10	1.09E-09
4143	624186.75	4265140.72	5.87E-09	2.02E-09	7.88E-09	4.90E-09	1.51E-09	6.41E-09	1.16E-09	3.86E-10	1.55E-09	9.05E-10	1.86E-10	1.09E-09
4144	624195.82	4265137.1	5.87E-09	2.02E-09	7.89E-09	4.91E-09	1.51E-09	6.42E-09	1.16E-09	3.87E-10	1.55E-09	9.06E-10	1.86E-10	1.09E-09
4145	624204.9	4265133.49	5.88E-09	2.02E-09	7.90E-09	4.92E-09	1.51E-09	6.43E-09	1.16E-09	3.88E-10	1.55E-09	9.08E-10	1.87E-10	1.09E-09
4146	624213.97	4265129.88	5.89E-09	2.02E-09	7.91E-09	4.92E-09	1.52E-09	6.44E-09	1.17E-09	3.88E-10	1.55E-09	9.09E-10	1.87E-10	1.10E-09
4147	624223.05	4265126.27	5.89E-09	2.03E-09	7.92E-09	4.93E-09	1.52E-09	6.44E-09	1.17E-09	3.88E-10	1.55E-09	9.09E-10	1.87E-10	1.10E-09
4148	624232.12	4265122.66	5.90E-09	2.03E-09	7.93E-09	4.93E-09	1.52E-09	6.45E-09	1.17E-09	3.89E-10	1.56E-09	9.10E-10	1.87E-10	1.10E-09
4149	624241.2	4265119.05	5.90E-09	2.03E-09	7.93E-09	4.93E-09	1.52E-09	6.45E-09	1.17E-09	3.89E-10	1.56E-09	9.11E-10	1.87E-10	1.10E-09
4150	624250.27	4265115.44	5.91E-09	2.03E-09	7.94E-09	4.94E-09	1.52E-09	6.46E-09	1.17E-09	3.89E-10	1.56E-09	9.12E-10	1.88E-10	1.10E-09
4151	624259.35	4265111.83	5.92E-09	2.04E-09	7.96E-09	4.95E-09	1.52E-09	6.47E-09	1.17E-09	3.90E-10	1.56E-09	9.13E-10	1.88E-10	1.10E-09
4152	624268.42	4265108.22	5.93E-09	2.04E-09	7.97E-09	4.96E-09	1.53E-09	6.48E-09	1.17E-09	3.91E-10	1.56E-09	9.15E-10	1.88E-10	1.10E-09
4153	624277.5	4265104.61	5.95E-09	2.04E-09	7.99E-09	4.97E-09	1.53E-09	6.50E-09	1.18E-09	3.92E-10	1.57E-09	9.17E-10	1.89E-10	1.11E-09
4154	624286.57	4265101	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.54E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
4155	624295.65	4265097.38	5.98E-09	2.06E-09	8.04E-09	5.00E-09	1.54E-09	6.54E-09	1.18E-09	3.94E-10	1.58E-09	9.23E-10	1.90E-10	1.11E-09
4156	624304.72	4265093.77	6.00E-09	2.06E-09	8.07E-09	5.02E-09	1.55E-09	6.56E-09	1.19E-09	3.95E-10	1.58E-09	9.26E-10	1.90E-10	1.12E-09
4157	624313.8	4265090.16	6.03E-09	2.07E-09	8.10E-09	5.04E-09	1.55E-09	6.59E-09	1.19E-09	3.97E-10	1.59E-09	9.30E-10	1.91E-10	1.12E-09
4158	624322.87	4265086.55	6.05E-09	2.08E-09	8.13E-09	5.06E-09	1.56E-09	6.61E-09	1.20E-09	3.99E-10	1.60E-09	9.33E-10	1.92E-10	1.13E-09
4159	624331.95	4265082.94	6.08E-09	2.09E-09	8.17E-09	5.08E-09	1.56E-09	6.64E-09	1.20E-09	4.00E-10	1.60E-09	9.38E-10	1.93E-10	1.13E-09
4160	624341.02	4265079.33	6.11E-09	2.10E-09	8.21E-09	5.10E-09	1.57E-09	6.68E-09	1.21E-09	4.02E-10	1.61E-09	9.42E-10	1.94E-10	1.14E-09
4161	624350.1	4265075.72	6.13E-09	2.11E-09	8.24E-09	5.13E-09	1.58E-09	6.71E-09	1.21E-09	4.04E-10	1.62E-09	9.47E-10	1.95E-10	1.14E-09
4162	624359.17	4265072.11	6.16E-09	2.12E-09	8.28E-09	5.15E-09	1.59E-09	6.74E-09	1.22E-09	4.06E-10	1.63E-09	9.51E-10	1.96E-10	1.15E-09
4163	623759.99	4265659.76	4.75E-09	1.63E-09	6.38E-09	3.97E-09	1.22E-09	5.19E-09	9.40E-10	3.13E-10	1.25E-09	7.33E-10	1.51E-10	8.84E-10
4164	623759.85	4265669.65	4.78E-09	1.64E-09	6.42E-09	3.99E-09	1.23E-09	5.22E-09	9.45E-10	3.15E-10	1.26E-09	7.37E-10	1.52E-10	8.89E-10
4165	623759.71	4265679.55	4.80E-09	1.65E-09	6.45E-09	4.01E-09	1.24E-09	5.25E-09	9.51E-10	3.16E-10	1.27E-09	7.41E-10	1.52E-10	8.93E-10
4166	623759.56	4265689.44	4.83E-09	1.66E-09	6.49E-09	4.03E-09	1.24E-09	5.28E-09	9.55E-10	3.18E-10	1.27E-09	7.45E-10	1.53E-10	8.98E-10
4167	623759.42	4265699.33	4.85E-09	1.67E-09	6.52E-09	4.05E-09	1.25E-09	5.30E-09	9.60E-10	3.20E-10	1.28E-09	7.48E-10	1.54E-10	9.02E-10
4168	623759.28	4265709.22	4.87E-09	1.67E-09	6.55E-09	4.07E-09	1.25E-09	5.32E-09	9.64E-10	3.21E-10	1.28E-09	7.52E-10	1.55E-10	9.06E-10
4169	623759.13	4265719.12	4.89E-09	1.68E-09	6.57E-09	4.09E-09	1.26E-09	5.35E-09	9.68E-10	3.22E-10	1.29E-09	7.55E-10	1.55E-10	9.10E-10
4170	623758.99	4265729.01	4.91E-09	1.69E-09	6.60E-09	4.10E-09	1.26E-09	5.37E-09	9.72E-10	3.23E-10	1.30E-09	7.57E-10	1.56E-10	9.13E-10
4171	623758.85	4265738.9	4.93E-09	1.69E-09	6.62E-09	4.12E-09	1.27E-09	5.39E-09	9.75E-10	3.25E-10	1.30E-09	7.60E-10	1.56E-10	9.17E-10
4172	623758.7	4265748.79	4.95E-09	1.70E-09	6.65E-09	4.13E-09	1.27E-09	5.41E-09	9.79E-10	3.26E-10	1.30E-09	7.63E-10	1.57E-10	9.20E-10
4173	623758.56	4265758.69	4.96E-09	1.71E-09	6.67E-09	4.15E-09	1.28E-09	5.43E-09	9.83E-10	3.27E-10	1.31E-09	7.66E-10	1.58E-10	9.23E-10
4174	623758.42	4265768.58	4.98E-09	1.71E-09	6.70E-09	4.17E-09	1.28E-09	5.45E-09	9.86E-10	3.28E-10	1.31E-09	7.69E-10	1.58E-10	9.27E-10
4175	623758.28	4265778.47	5.01E-09	1.72E-09	6.73E-09	4.18E-09	1.29E-09	5.47E-09	9.91E-10	3.30E-10	1.32E-09	7.72E-10	1.59E-10	9.31E-10
4176	623758.13	4265788.36	5.03E-09	1.73E-09	6.76E-09	4.20E-09	1.29E-09	5.50E-09	9.95E-10	3.31E-10	1.33E-09	7.76E-10	1.60E-10	9.36E-10
4177	623757.99	4265798.26	5.06E-09	1.74E-09	6.79E-09	4.23E-09	1.30E-09	5.53E-09	1.00E-09	3.33E-10	1.33E-09	7.80E-10	1.60E-10	9.41E-10
4178	623757.85	4265808.15	5.09E-09	1.75E-09	6.83E-09	4.25E-09	1.31E-09	5.56E-09	1.01E-09	3.35E-10	1.34E-09	7.85E-10	1.61E-10	9.46E-10
4179	623757.7	4265818.04	5.12E-09	1.76E-09	6.88E-09	4.28E-09	1.32E-09	5.60E-09	1.01E-09	3.37E-10	1.35E-09	7.90E-10	1.62E-10	9.53E-10
4180	623757.56	4265827.93	5.16E-09	1.77E-09	6.93E-09	4.31E-09	1.33E-09	5.64E-09	1.02E-09	3.40E-10	1.36E-09	7.96E-10	1.64E-10	9.60E-10
4181	623757.42	4265837.83	5.20E-09	1.79E-09	6.99E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.02E-10	1.65E-10	9.67E-10
4182	623757.27	4265847.72	5.25E-09	1.80E-09	7.05E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.38E-09	8.10E-10	1.67E-10	9.76E-10
4183	623757.13	4265857.61	5.30E-09	1.82E-09	7.12E-09	4.43E-09	1.36E-09	5.79E-09	1.05E-09	3.49E-10	1.40E-09	8.17E-10	1.68E-10	9.85E-10
4184	623756.99	4265867.5	5.35E-09	1.84E-09	7.19E-09	4.47E-09	1.38E-09	5.85E-09	1.06E-09	3.53E-10	1.41E-09	8.26E-10	1.70E-10	9.95E-10
4185	623756.84	4265877.4	5.41E-09	1.86E-09	7.27E-09	4.52E-09	1.39E-09	5.91E-09	1.07E-09	3.56E-10	1.43E-09	8.34E-10	1.72E-10	1.01E-09
4186	623756.7	4265887.29	5.47E-09	1.88E-09	7.35E-09	4.57E-09	1.41E-09	5.98E-09	1.08E-09	3.60E-10	1.44E-09	8.44E-10	1.74E-10	1.02E-09
4187	623756.56	4265897.18	5.53E-09	1.90E-09	7.43E-09	4.62E-09	1.42E-09	6.05E-09	1.09E-09	3.64E-10	1.46E-09	8.53E-10	1.75E-10	1.03E-09
4188	623756.41	4265907.07	5.59E-09	1.92E-09	7.52E-09	4.67E-09	1.44E-09	6.11E-09	1.11E-09	3.68E-10	1.48E-09	8.63E-10	1.77E-10	1.04E-09
4189	623756.27	4265916.97	5.66E-09	1.95E-09	7.60E-09	4.73E-09	1.46E-09	6.18E-09	1.12E-09	3.73E-10	1.49E-09	8.73E-10	1.80E-10	1.05E-09
4190	623756.13	4265926.86	5.72E-09	1.97E-09	7.69E-09	4.78E-09	1.47E-09	6.25E-09	1.13E-09	3.77E-10	1.51E-09	8.83E-10	1.82E-10	1.06E-09
4191	623755.99	4265936.75	5.79E-09	1.99E-09	7.78E-09	4.84E-09	1.49E-09	6.33E-09	1.15E-09	3.81E-10	1.53E-09	8.93E-10	1.84E-10	1.08E-09
4192	623755.84	4265946.64	5.85E-09	2.01E-09	7.86E-09	4.89E-09	1.51E-09	6.39E-09	1.16E-09	3.85E-10	1.54E-09	9.03E-10	1.86E-10	1.09E-09
4193	623755.7	4265956.54	5.91E-09	2.03E-09	7.94E-09	4.94E-09	1.52E-09	6.46E-09	1.17E-09	3.89E-10	1.56E-09	9.12E-10	1.88E-10	1.10E-09
4194	623713.86	4265650.08	4.34E-09	1.49E-09	5.83E-09	3.63E-09	1.12E-09	4.74E-09	8.59E-10	2.86E-10	1.14E-09	6.69E-10	1.38E-10	8.07E-10
4195	623717.72	4265641.13	4.34E-09	1.49E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.60E-10	2.86E-10	1.15E-09	6.70E-10	1.38E-10	8.08E-10
4196	623721.58	4265632.17	4.35E-09	1.49E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.60E-10	2.86E-10	1.15E-09	6.71E-10	1.38E-10	8.09E-10
4197	623725.44	4265623.22	4.35E-09	1.50E-09	5.85E-09	3.64E-09	1.12E-09	4.76E-09	8.61E-10	2.87E-10	1.15E-09	6.71E-10	1.38E-10	8.09E-10
4198	623729.3	4265614.26	4.35E-09	1.50E-09	5.85E-09	3.64E-09	1.12E-09	4.76E-09	8.62E-10	2.87E-10	1.15E-09	6.72E-10	1.38E-10	8.10E-10
4199	623733.16	4265605.31	4.36E-09	1.50E-09	5.86E-09	3.64E-09	1.12E-09	4.76E-09	8.63E-10	2.87E-10	1.15E-09	6.72E-10	1.38E-10	8.11E-10
4200	623737.02	4265596.36	4.36E-09	1.50E-09	5.86E-09	3.65E-09	1.12E-09	4.77E-09	8.63E-10	2.87E-10	1.15E-09	6.73E-10	1.38E-10	8.11E-10
4201	623740.88	4265587.4	4.36E-09	1.50E-09	5.87E-09	3.65E-09	1.12E-09	4.77E-09	8.64E-10	2.88E-10	1.15E-09	6.73E-10	1.39E-10	8.12E-10
4202	623744.74	4265578.45	4.37E-09	1.50E-09	5.87E-09	3.65E-09	1.12E-09	4.77E-09	8.64E-10	2.88E-10	1.15E-09	6.74E-10	1.39E-10	8.13E-10
4203	623748.6	4265569.49	4.37E-09	1.50E-09	5.87E-09	3.65E-09	1.13E-09	4.78E-09	8.65E-10	2.88E-10	1.15E-09	6.74E-10	1.39E-10	8.13E-10
4204	623752.46	4265560.54	4.37E-09	1.50E-09	5.88E-09	3.66E-09	1.13E-09	4.78E-09	8.66E-10	2.88E-10	1.15E-09	6.75E-10	1.39E-10	8.14E-10
4205	623756.32	4265551.58	4.38E-09	1.51E-09	5.88E-09	3.66E-09	1.13E-09	4.79E-09	8.67E-10	2.88E-10	1.15E-09	6.76E-10	1.39E-10	8.14E-10

4206	623760.18	4265542.63	4.38E-09	1.51E-09	5.89E-09	3.66E-09	1.13E-09	4.79E-09	8.67E-10	2.89E-10	1.16E-09	6.76E-10	1.39E-10	8.15E-10
4207	623764.04	4265533.67	4.38E-09	1.51E-09	5.89E-09	3.67E-09	1.13E-09	4.79E-09	8.68E-10	2.89E-10	1.16E-09	6.77E-10	1.39E-10	8.16E-10
4208	623767.9	4265524.72	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.69E-10	2.89E-10	1.16E-09	6.77E-10	1.39E-10	8.17E-10
4209	623771.76	4265515.76	4.39E-09	1.51E-09	5.91E-09	3.67E-09	1.13E-09	4.80E-09	8.70E-10	2.90E-10	1.16E-09	6.78E-10	1.39E-10	8.17E-10
4210	623775.62	4265506.81	4.40E-09	1.51E-09	5.91E-09	3.68E-09	1.13E-09	4.81E-09	8.71E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.18E-10
4211	623779.48	4265497.86	4.40E-09	1.51E-09	5.92E-09	3.68E-09	1.13E-09	4.82E-09	8.72E-10	2.90E-10	1.16E-09	6.80E-10	1.40E-10	8.19E-10
4212	623783.34	4265488.9	4.41E-09	1.52E-09	5.93E-09	3.69E-09	1.14E-09	4.82E-09	8.73E-10	2.91E-10	1.16E-09	6.81E-10	1.40E-10	8.21E-10
4213	623787.2	4265479.95	4.42E-09	1.52E-09	5.94E-09	3.69E-09	1.14E-09	4.83E-09	8.74E-10	2.91E-10	1.17E-09	6.82E-10	1.40E-10	8.22E-10
4214	623791.06	4265470.99	4.42E-09	1.52E-09	5.94E-09	3.70E-09	1.14E-09	4.84E-09	8.76E-10	2.91E-10	1.17E-09	6.83E-10	1.40E-10	8.23E-10
4215	623794.92	4265462.04	4.43E-09	1.52E-09	5.95E-09	3.70E-09	1.14E-09	4.84E-09	8.77E-10	2.92E-10	1.17E-09	6.83E-10	1.41E-10	8.24E-10
4216	623798.78	4265453.08	4.43E-09	1.53E-09	5.96E-09	3.71E-09	1.14E-09	4.85E-09	8.78E-10	2.92E-10	1.17E-09	6.84E-10	1.41E-10	8.25E-10
4217	623802.64	4265444.13	4.44E-09	1.53E-09	5.97E-09	3.71E-09	1.14E-09	4.85E-09	8.79E-10	2.93E-10	1.17E-09	6.85E-10	1.41E-10	8.26E-10
4218	623806.5	4265435.17	4.44E-09	1.53E-09	5.97E-09	3.72E-09	1.14E-09	4.86E-09	8.80E-10	2.93E-10	1.17E-09	6.86E-10	1.41E-10	8.27E-10
4219	623810.36	4265426.22	4.45E-09	1.53E-09	5.98E-09	3.72E-09	1.15E-09	4.86E-09	8.80E-10	2.93E-10	1.17E-09	6.86E-10	1.41E-10	8.27E-10
4220	623814.22	4265417.26	4.45E-09	1.53E-09	5.98E-09	3.72E-09	1.15E-09	4.86E-09	8.81E-10	2.93E-10	1.17E-09	6.87E-10	1.41E-10	8.28E-10
4221	623818.08	4265408.31	4.45E-09	1.53E-09	5.98E-09	3.72E-09	1.15E-09	4.87E-09	8.81E-10	2.93E-10	1.17E-09	6.87E-10	1.41E-10	8.28E-10
4222	623821.94	4265399.36	4.45E-09	1.53E-09	5.98E-09	3.72E-09	1.15E-09	4.86E-09	8.81E-10	2.93E-10	1.17E-09	6.87E-10	1.41E-10	8.28E-10
4223	623825.8	4265390.4	4.45E-09	1.53E-09	5.98E-09	3.72E-09	1.14E-09	4.86E-09	8.80E-10	2.93E-10	1.17E-09	6.86E-10	1.41E-10	8.27E-10
4224	623829.66	4265381.45	4.44E-09	1.53E-09	5.97E-09	3.71E-09	1.14E-09	4.86E-09	8.79E-10	2.93E-10	1.17E-09	6.85E-10	1.41E-10	8.26E-10
4225	623833.52	4265372.49	4.43E-09	1.53E-09	5.96E-09	3.71E-09	1.14E-09	4.85E-09	8.78E-10	2.92E-10	1.17E-09	6.84E-10	1.41E-10	8.25E-10
4226	623837.38	4265363.54	4.43E-09	1.52E-09	5.95E-09	3.70E-09	1.14E-09	4.84E-09	8.76E-10	2.92E-10	1.17E-09	6.83E-10	1.40E-10	8.24E-10
4227	623841.24	4265354.58	4.42E-09	1.52E-09	5.94E-09	3.69E-09	1.14E-09	4.83E-09	8.74E-10	2.91E-10	1.17E-09	6.82E-10	1.40E-10	8.22E-10
4228	623845.1	4265345.63	4.41E-09	1.51E-09	5.92E-09	3.68E-09	1.13E-09	4.82E-09	8.72E-10	2.90E-10	1.16E-09	6.80E-10	1.40E-10	8.20E-10
4229	623848.96	4265336.67	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.69E-10	2.89E-10	1.16E-09	6.78E-10	1.39E-10	8.17E-10
4230	623852.82	4265327.72	4.38E-09	1.51E-09	5.88E-09	3.66E-09	1.13E-09	4.79E-09	8.67E-10	2.88E-10	1.16E-09	6.76E-10	1.39E-10	8.15E-10
4231	623856.69	4265318.76	4.36E-09	1.50E-09	5.86E-09	3.65E-09	1.12E-09	4.77E-09	8.64E-10	2.87E-10	1.15E-09	6.73E-10	1.38E-10	8.12E-10
4232	623860.55	4265309.81	4.35E-09	1.50E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.61E-10	2.86E-10	1.15E-09	6.71E-10	1.38E-10	8.09E-10
4233	623864.41	4265300.86	4.33E-09	1.49E-09	5.82E-09	3.62E-09	1.12E-09	4.74E-09	8.57E-10	2.85E-10	1.14E-09	6.68E-10	1.37E-10	8.06E-10
4234	623868.27	4265291.9	4.32E-09	1.48E-09	5.80E-09	3.61E-09	1.11E-09	4.72E-09	8.54E-10	2.84E-10	1.14E-09	6.66E-10	1.37E-10	8.03E-10
4235	623872.13	4265282.95	4.30E-09	1.48E-09	5.78E-09	3.59E-09	1.11E-09	4.70E-09	8.51E-10	2.83E-10	1.13E-09	6.63E-10	1.36E-10	8.00E-10
4236	623875.99	4265273.99	4.28E-09	1.47E-09	5.76E-09	3.58E-09	1.10E-09	4.68E-09	8.48E-10	2.82E-10	1.13E-09	6.61E-10	1.36E-10	7.97E-10
4237	623879.85	4265265.04	4.27E-09	1.47E-09	5.73E-09	3.57E-09	1.10E-09	4.67E-09	8.45E-10	2.81E-10	1.13E-09	6.58E-10	1.35E-10	7.94E-10
4238	623883.71	4265256.08	4.25E-09	1.46E-09	5.71E-09	3.55E-09	1.09E-09	4.65E-09	8.42E-10	2.80E-10	1.12E-09	6.56E-10	1.35E-10	7.91E-10
4239	623887.57	4265247.13	4.24E-09	1.46E-09	5.70E-09	3.54E-09	1.09E-09	4.63E-09	8.39E-10	2.79E-10	1.12E-09	6.54E-10	1.35E-10	7.88E-10
4240	623891.43	4265238.17	4.22E-09	1.45E-09	5.68E-09	3.53E-09	1.09E-09	4.62E-09	8.36E-10	2.78E-10	1.11E-09	6.52E-10	1.34E-10	7.86E-10
4241	623895.29	4265229.22	4.21E-09	1.45E-09	5.66E-09	3.52E-09	1.08E-09	4.60E-09	8.34E-10	2.77E-10	1.11E-09	6.50E-10	1.34E-10	7.84E-10
4242	623899.15	4265220.26	4.20E-09	1.44E-09	5.64E-09	3.51E-09	1.08E-09	4.59E-09	8.31E-10	2.77E-10	1.11E-09	6.48E-10	1.33E-10	7.81E-10
4243	623903.01	4265211.31	4.19E-09	1.44E-09	5.63E-09	3.50E-09	1.08E-09	4.58E-09	8.29E-10	2.76E-10	1.11E-09	6.46E-10	1.33E-10	7.79E-10
4244	623915.93	4265198.75	4.23E-09	1.45E-09	5.68E-09	3.53E-09	1.09E-09	4.62E-09	8.37E-10	2.79E-10	1.12E-09	6.52E-10	1.34E-10	7.87E-10
4245	623924.99	4265195.15	4.28E-09	1.47E-09	5.75E-09	3.57E-09	1.10E-09	4.68E-09	8.47E-10	2.82E-10	1.13E-09	6.60E-10	1.36E-10	7.96E-10
4246	623934.05	4265191.54	4.33E-09	1.49E-09	5.82E-09	3.62E-09	1.11E-09	4.73E-09	8.57E-10	2.85E-10	1.14E-09	6.68E-10	1.37E-10	8.05E-10
4247	623943.11	4265187.94	4.38E-09	1.51E-09	5.88E-09	3.66E-09	1.13E-09	4.79E-09	8.66E-10	2.88E-10	1.15E-09	6.75E-10	1.39E-10	8.14E-10
4248	623952.17	4265184.33	4.43E-09	1.52E-09	5.95E-09	3.70E-09	1.14E-09	4.84E-09	8.76E-10	2.92E-10	1.17E-09	6.83E-10	1.41E-10	8.24E-10
4249	623961.23	4265180.73	4.48E-09	1.54E-09	6.02E-09	3.74E-09	1.15E-09	4.90E-09	8.87E-10	2.95E-10	1.18E-09	6.91E-10	1.42E-10	8.33E-10
4250	623970.29	4265177.12	4.53E-09	1.56E-09	6.09E-09	3.79E-09	1.17E-09	4.95E-09	8.97E-10	2.99E-10	1.20E-09	6.99E-10	1.44E-10	8.43E-10
4251	623979.35	4265173.52	4.59E-09	1.58E-09	6.16E-09	3.83E-09	1.18E-09	5.01E-09	9.08E-10	3.02E-10	1.21E-09	7.08E-10	1.46E-10	8.53E-10
4252	623988.41	4265169.91	4.64E-09	1.60E-09	6.24E-09	3.88E-09	1.19E-09	5.07E-09	9.18E-10	3.06E-10	1.22E-09	7.16E-10	1.47E-10	8.63E-10
4253	623997.47	4265166.31	4.69E-09	1.61E-09	6.31E-09	3.92E-09	1.21E-09	5.13E-09	9.29E-10	3.09E-10	1.24E-09	7.24E-10	1.49E-10	8.73E-10
4254	624006.53	4265162.7	4.75E-09	1.63E-09	6.38E-09	3.97E-09	1.22E-09	5.19E-09	9.40E-10	3.13E-10	1.25E-09	7.33E-10	1.51E-10	8.84E-10
4255	624015.59	4265159.1	4.80E-09	1.65E-09	6.46E-09	4.02E-09	1.24E-09	5.25E-09	9.51E-10	3.17E-10	1.27E-09	7.41E-10	1.52E-10	8.94E-10
4256	624024.65	4265155.49	4.86E-09	1.67E-09	6.53E-09	4.06E-09	1.25E-09	5.31E-09	9.62E-10	3.20E-10	1.28E-09	7.50E-10	1.54E-10	9.04E-10
4257	624033.71	4265151.89	4.91E-09	1.69E-09	6.60E-09	4.11E-09	1.26E-09	5.37E-09	9.72E-10	3.24E-10	1.30E-09	7.58E-10	1.56E-10	9.14E-10
4258	624042.77	4265148.28	4.97E-09	1.71E-09	6.67E-09	4.15E-09	1.28E-09	5.43E-09	9.83E-10	3.27E-10	1.31E-09	7.66E-10	1.58E-10	9.24E-10
4259	624051.83	4265144.68	5.02E-09	1.73E-09	6.74E-09	4.19E-09	1.29E-09	5.49E-09	9.93E-10	3.31E-10	1.32E-09	7.74E-10	1.59E-10	9.33E-10
4260	624060.89	4265141.07	5.07E-09	1.74E-09	6.81E-09	4.24E-09	1.30E-09	5.54E-09	1.00E-09	3.34E-10	1.34E-09	7.82E-10	1.61E-10	9.43E-10
4261	624069.95	4265137.47	5.11E-09	1.76E-09	6.87E-09	4.28E-09	1.32E-09	5.59E-09	1.01E-09	3.37E-10	1.35E-09	7.89E-10	1.62E-10	9.52E-10
4262	624079.01	4265133.86	5.16E-09	1.77E-09	6.93E-09	4.31E-09	1.33E-09	5.64E-09	1.02E-09	3.40E-10	1.36E-09	7.96E-10	1.64E-10	9.60E-10
4263	624088.07	4265130.26	5.20E-09	1.79E-09	6.99E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.03E-10	1.65E-10	9.68E-10
4264	624097.13	4265126.65	5.24E-09	1.80E-09	7.05E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.45E-10	1.38E-09	8.09E-10	1.66E-10	9.75E-10
4265	624106.19	4265123.05	5.28E-09	1.82E-09	7.09E-09	4.41E-09	1.36E-09	5.77E-09	1.04E-09	3.48E-10	1.39E-09	8.15E-10	1.68E-10	9.82E-10
4266	624115.25	4265119.44	5.31E-09	1.83E-09	7.14E-09	4.44E-09	1.37E-09	5.81E-09	1.05E-09	3.50E-10	1.40E-09	8.20E-10	1.69E-10	9.88E-10
4267	624124.31	4265115.84	5.34E-09	1.84E-09	7.18E-09	4.47E-09	1.38E-09	5.84E-09	1.06E-09	3.52E-10	1.41E-09	8.25E-10	1.70E-10	9.94E-10
4268	624133.37	4265112.23	5.37E-09	1.85E-09	7.22E-09	4.49E-09	1.38E-09	5.87E-09	1.06E-09	3.54E-10	1.42E-09	8.29E-10	1.70E-10	9.99E-10
4269	624142.44	4265108.63	5.40E-09	1.86E-09	7.25E-09	4.51E-09	1.39E-09	5.90E-09	1.07E-09	3.55E-10	1.42E-09	8.33E-10	1.71E-10	1.00E-09
4270	624151.5	4265105.02	5.41E-09	1.86E-09	7.27E-09	4.52E-09	1.39E-09	5.92E-09	1.07E-09	3.57E-10	1.43E-09	8.35E-10	1.72E-10	1.01E-09
4271	624160.56	4265101.42	5.43E-09	1.87E-09	7.29E-09	4.54E-09	1.40E-09	5.93E-09	1.07E-09	3.58E-10	1.43E-09	8.37E-10	1.72E-10	1.01E-09
4272	624169.62	4265097.81	5.44E-09	1.87E-09	7.30E-09	4.54E-09	1.40E-09	5.94E-09	1.08E-09	3.58E-10	1.43E-09	8.39E-10	1.73E-10	1.01E-09
4273	624178.68	4265094.21	5.44E-09	1.87E-09	7.31E-09	4.55E-09	1.40E-09	5.95E-09	1.08E-09	3.59E-10	1.44E-09	8.40E-10	1.73E-10	1.01E-09
4274	624187.74	4265090.6	5.44E-09	1.87E-09	7.32E-09	4.55E-09	1.40E-09	5.95E-09	1.08E-09	3.59E-10	1.44E-09	8.40E-10	1.73E-10	1.01E-09

4275	624196.8	4265087	5.45E-09	1.87E-09	7.32E-09	4.55E-09	1.40E-09	5.95E-09	1.08E-09	3.59E-10	1.44E-09	8.40E-10	1.73E-10	1.01E-09
4276	624205.86	4265083.39	5.45E-09	1.87E-09	7.32E-09	4.55E-09	1.40E-09	5.95E-09	1.08E-09	3.59E-10	1.44E-09	8.40E-10	1.73E-10	1.01E-09
4277	624214.92	4265079.79	5.45E-09	1.87E-09	7.32E-09	4.55E-09	1.40E-09	5.95E-09	1.08E-09	3.59E-10	1.44E-09	8.40E-10	1.73E-10	1.01E-09
4278	624223.98	4265076.18	5.45E-09	1.87E-09	7.32E-09	4.55E-09	1.40E-09	5.95E-09	1.08E-09	3.59E-10	1.44E-09	8.40E-10	1.73E-10	1.01E-09
4279	624233.04	4265072.58	5.45E-09	1.87E-09	7.32E-09	4.55E-09	1.40E-09	5.95E-09	1.08E-09	3.59E-10	1.44E-09	8.40E-10	1.73E-10	1.01E-09
4280	624242.1	4265068.97	5.45E-09	1.87E-09	7.32E-09	4.55E-09	1.40E-09	5.96E-09	1.08E-09	3.59E-10	1.44E-09	8.41E-10	1.73E-10	1.01E-09
4281	624251.16	4265065.37	5.45E-09	1.88E-09	7.33E-09	4.56E-09	1.40E-09	5.96E-09	1.08E-09	3.59E-10	1.44E-09	8.41E-10	1.73E-10	1.01E-09
4282	624260.22	4265061.76	5.46E-09	1.88E-09	7.34E-09	4.56E-09	1.41E-09	5.97E-09	1.08E-09	3.60E-10	1.44E-09	8.42E-10	1.73E-10	1.02E-09
4283	624269.28	4265058.16	5.47E-09	1.88E-09	7.35E-09	4.57E-09	1.41E-09	5.98E-09	1.08E-09	3.60E-10	1.44E-09	8.44E-10	1.74E-10	1.02E-09
4284	624278.34	4265054.55	5.48E-09	1.88E-09	7.36E-09	4.58E-09	1.41E-09	5.99E-09	1.08E-09	3.61E-10	1.45E-09	8.45E-10	1.74E-10	1.02E-09
4285	624287.4	4265050.95	5.49E-09	1.89E-09	7.38E-09	4.59E-09	1.41E-09	6.01E-09	1.09E-09	3.62E-10	1.45E-09	8.48E-10	1.74E-10	1.02E-09
4286	624296.46	4265047.34	5.51E-09	1.89E-09	7.40E-09	4.60E-09	1.42E-09	6.02E-09	1.09E-09	3.63E-10	1.45E-09	8.50E-10	1.75E-10	1.02E-09
4287	624305.52	4265043.74	5.53E-09	1.90E-09	7.43E-09	4.62E-09	1.42E-09	6.04E-09	1.09E-09	3.64E-10	1.46E-09	8.53E-10	1.75E-10	1.03E-09
4288	624314.58	4265040.13	5.54E-09	1.91E-09	7.45E-09	4.63E-09	1.43E-09	6.06E-09	1.10E-09	3.65E-10	1.46E-09	8.55E-10	1.76E-10	1.03E-09
4289	624323.64	4265036.53	5.56E-09	1.91E-09	7.48E-09	4.65E-09	1.43E-09	6.08E-09	1.10E-09	3.67E-10	1.47E-09	8.59E-10	1.77E-10	1.04E-09
4290	624332.7	4265032.92	5.59E-09	1.92E-09	7.51E-09	4.67E-09	1.44E-09	6.11E-09	1.11E-09	3.68E-10	1.47E-09	8.62E-10	1.77E-10	1.04E-09
4291	624341.76	4265029.32	5.61E-09	1.93E-09	7.54E-09	4.69E-09	1.44E-09	6.13E-09	1.11E-09	3.70E-10	1.48E-09	8.66E-10	1.78E-10	1.04E-09
4292	624350.82	4265025.71	5.64E-09	1.94E-09	7.57E-09	4.71E-09	1.45E-09	6.16E-09	1.12E-09	3.71E-10	1.49E-09	8.70E-10	1.79E-10	1.05E-09
4293	624359.88	4265022.11	5.66E-09	1.95E-09	7.60E-09	4.73E-09	1.46E-09	6.19E-09	1.12E-09	3.73E-10	1.49E-09	8.73E-10	1.80E-10	1.05E-09
4294	623710	4265659.04	4.33E-09	1.49E-09	5.82E-09	3.62E-09	1.12E-09	4.74E-09	8.57E-10	2.85E-10	1.14E-09	6.68E-10	1.37E-10	8.06E-10
4295	623709.85	4265668.93	4.35E-09	1.50E-09	5.85E-09	3.64E-09	1.12E-09	4.76E-09	8.62E-10	2.87E-10	1.15E-09	6.72E-10	1.38E-10	8.10E-10
4296	623709.71	4265678.82	4.38E-09	1.51E-09	5.88E-09	3.66E-09	1.13E-09	4.79E-09	8.66E-10	2.88E-10	1.15E-09	6.75E-10	1.39E-10	8.14E-10
4297	623709.57	4265688.71	4.40E-09	1.51E-09	5.91E-09	3.68E-09	1.13E-09	4.81E-09	8.70E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.18E-10
4298	623709.43	4265698.61	4.42E-09	1.52E-09	5.94E-09	3.69E-09	1.14E-09	4.83E-09	8.74E-10	2.91E-10	1.17E-09	6.82E-10	1.40E-10	8.22E-10
4299	623709.28	4265708.5	4.44E-09	1.53E-09	5.96E-09	3.71E-09	1.14E-09	4.85E-09	8.78E-10	2.92E-10	1.17E-09	6.84E-10	1.41E-10	8.25E-10
4300	623709.14	4265718.39	4.45E-09	1.53E-09	5.98E-09	3.72E-09	1.15E-09	4.87E-09	8.82E-10	2.93E-10	1.17E-09	6.87E-10	1.41E-10	8.29E-10
4301	623709	4265728.28	4.47E-09	1.54E-09	6.01E-09	3.74E-09	1.15E-09	4.89E-09	8.85E-10	2.95E-10	1.18E-09	6.90E-10	1.42E-10	8.32E-10
4302	623708.85	4265738.18	4.49E-09	1.54E-09	6.03E-09	3.75E-09	1.16E-09	4.91E-09	8.88E-10	2.96E-10	1.18E-09	6.92E-10	1.42E-10	8.35E-10
4303	623708.71	4265748.07	4.50E-09	1.55E-09	6.05E-09	3.76E-09	1.16E-09	4.92E-09	8.91E-10	2.97E-10	1.19E-09	6.95E-10	1.43E-10	8.38E-10
4304	623708.57	4265757.96	4.52E-09	1.55E-09	6.08E-09	3.78E-09	1.16E-09	4.94E-09	8.95E-10	2.98E-10	1.19E-09	6.98E-10	1.43E-10	8.41E-10
4305	623708.42	4265767.85	4.54E-09	1.56E-09	6.10E-09	3.79E-09	1.17E-09	4.96E-09	8.98E-10	2.99E-10	1.20E-09	7.00E-10	1.44E-10	8.44E-10
4306	623708.28	4265777.75	4.56E-09	1.57E-09	6.13E-09	3.81E-09	1.17E-09	4.98E-09	9.02E-10	3.00E-10	1.20E-09	7.03E-10	1.45E-10	8.48E-10
4307	623708.14	4265787.64	4.58E-09	1.57E-09	6.15E-09	3.83E-09	1.18E-09	5.01E-09	9.06E-10	3.02E-10	1.21E-09	7.07E-10	1.45E-10	8.52E-10
4308	623707.99	4265797.53	4.60E-09	1.58E-09	6.19E-09	3.85E-09	1.19E-09	5.03E-09	9.11E-10	3.03E-10	1.21E-09	7.10E-10	1.46E-10	8.56E-10
4309	623707.85	4265807.42	4.63E-09	1.59E-09	6.22E-09	3.87E-09	1.19E-09	5.06E-09	9.16E-10	3.05E-10	1.22E-09	7.14E-10	1.47E-10	8.61E-10
4310	623707.71	4265817.32	4.66E-09	1.60E-09	6.26E-09	3.89E-09	1.20E-09	5.09E-09	9.22E-10	3.07E-10	1.23E-09	7.19E-10	1.48E-10	8.67E-10
4311	623707.56	4265827.21	4.69E-09	1.61E-09	6.31E-09	3.92E-09	1.21E-09	5.13E-09	9.29E-10	3.09E-10	1.24E-09	7.24E-10	1.49E-10	8.73E-10
4312	623707.42	4265837.1	4.73E-09	1.63E-09	6.36E-09	3.95E-09	1.22E-09	5.17E-09	9.36E-10	3.12E-10	1.25E-09	7.30E-10	1.50E-10	8.80E-10
4313	623707.28	4265846.99	4.77E-09	1.64E-09	6.41E-09	3.99E-09	1.23E-09	5.21E-09	9.44E-10	3.14E-10	1.26E-09	7.36E-10	1.51E-10	8.87E-10
4314	623707.14	4265856.89	4.81E-09	1.65E-09	6.46E-09	4.02E-09	1.24E-09	5.26E-09	9.52E-10	3.17E-10	1.27E-09	7.42E-10	1.53E-10	8.95E-10
4315	623706.99	4265866.78	4.85E-09	1.67E-09	6.52E-09	4.06E-09	1.25E-09	5.31E-09	9.61E-10	3.20E-10	1.28E-09	7.49E-10	1.54E-10	9.03E-10
4316	623706.85	4265876.67	4.90E-09	1.69E-09	6.59E-09	4.10E-09	1.26E-09	5.36E-09	9.70E-10	3.23E-10	1.29E-09	7.57E-10	1.56E-10	9.12E-10
4317	623706.71	4265886.56	4.95E-09	1.70E-09	6.66E-09	4.14E-09	1.28E-09	5.41E-09	9.80E-10	3.26E-10	1.31E-09	7.64E-10	1.57E-10	9.21E-10
4318	623706.56	4265896.46	5.00E-09	1.72E-09	6.73E-09	4.18E-09	1.29E-09	5.47E-09	9.91E-10	3.30E-10	1.32E-09	7.72E-10	1.59E-10	9.31E-10
4319	623706.42	4265906.35	5.06E-09	1.74E-09	6.80E-09	4.23E-09	1.30E-09	5.53E-09	1.00E-09	3.33E-10	1.33E-09	7.80E-10	1.61E-10	9.41E-10
4320	623706.28	4265916.24	5.11E-09	1.76E-09	6.87E-09	4.27E-09	1.32E-09	5.59E-09	1.01E-09	3.37E-10	1.35E-09	7.89E-10	1.62E-10	9.51E-10
4321	623706.13	4265926.13	5.17E-09	1.78E-09	6.94E-09	4.32E-09	1.33E-09	5.65E-09	1.02E-09	3.40E-10	1.36E-09	7.97E-10	1.64E-10	9.61E-10
4322	623705.99	4265936.03	5.22E-09	1.80E-09	7.02E-09	4.36E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.71E-10
4323	623705.85	4265945.92	5.27E-09	1.81E-09	7.09E-09	4.41E-09	1.36E-09	5.77E-09	1.04E-09	3.48E-10	1.39E-09	8.14E-10	1.67E-10	9.81E-10
4324	623705.7	4265955.81	5.33E-09	1.83E-09	7.16E-09	4.45E-09	1.37E-09	5.82E-09	1.05E-09	3.51E-10	1.41E-09	8.22E-10	1.69E-10	9.91E-10
4325	623705.56	4265965.7	5.38E-09	1.85E-09	7.22E-09	4.49E-09	1.38E-09	5.88E-09	1.06E-09	3.54E-10	1.42E-09	8.30E-10	1.71E-10	1.00E-09
4326	623663.86	4265649.37	3.98E-09	1.37E-09	5.35E-09	3.33E-09	1.03E-09	4.36E-09	7.88E-10	2.62E-10	1.05E-09	6.15E-10	1.26E-10	7.41E-10
4327	623667.71	4265640.43	3.99E-09	1.37E-09	5.36E-09	3.33E-09	1.03E-09	4.36E-09	7.89E-10	2.63E-10	1.05E-09	6.15E-10	1.27E-10	7.42E-10
4328	623671.57	4265631.49	3.99E-09	1.37E-09	5.37E-09	3.34E-09	1.03E-09	4.36E-09	7.90E-10	2.63E-10	1.05E-09	6.16E-10	1.27E-10	7.43E-10
4329	623675.42	4265622.55	4.00E-09	1.37E-09	5.37E-09	3.34E-09	1.03E-09	4.37E-09	7.91E-10	2.63E-10	1.05E-09	6.17E-10	1.27E-10	7.43E-10
4330	623679.28	4265613.6	4.00E-09	1.38E-09	5.37E-09	3.34E-09	1.03E-09	4.37E-09	7.92E-10	2.64E-10	1.06E-09	6.17E-10	1.27E-10	7.44E-10
4331	623683.13	4265604.66	4.00E-09	1.38E-09	5.38E-09	3.35E-09	1.03E-09	4.38E-09	7.92E-10	2.64E-10	1.06E-09	6.18E-10	1.27E-10	7.45E-10
4332	623686.99	4265595.72	4.01E-09	1.38E-09	5.38E-09	3.35E-09	1.03E-09	4.38E-09	7.93E-10	2.64E-10	1.06E-09	6.18E-10	1.27E-10	7.45E-10
4333	623690.84	4265586.78	4.01E-09	1.38E-09	5.39E-09	3.35E-09	1.03E-09	4.38E-09	7.94E-10	2.64E-10	1.06E-09	6.19E-10	1.27E-10	7.46E-10
4334	623694.7	4265577.84	4.01E-09	1.38E-09	5.39E-09	3.35E-09	1.03E-09	4.39E-09	7.94E-10	2.64E-10	1.06E-09	6.19E-10	1.27E-10	7.46E-10
4335	623698.55	4265568.89	4.02E-09	1.38E-09	5.40E-09	3.36E-09	1.03E-09	4.39E-09	7.95E-10	2.65E-10	1.06E-09	6.20E-10	1.27E-10	7.47E-10
4336	623702.41	4265559.95	4.02E-09	1.38E-09	5.40E-09	3.36E-09	1.03E-09	4.39E-09	7.96E-10	2.65E-10	1.06E-09	6.20E-10	1.28E-10	7.48E-10
4337	623706.26	4265551.01	4.02E-09	1.38E-09	5.41E-09	3.36E-09	1.04E-09	4.40E-09	7.96E-10	2.65E-10	1.06E-09	6.21E-10	1.28E-10	7.49E-10
4338	623710.12	4265542.07	4.03E-09	1.39E-09	5.41E-09	3.37E-09	1.04E-09	4.40E-09	7.97E-10	2.65E-10	1.06E-09	6.22E-10	1.28E-10	7.49E-10
4339	623713.97	4265533.13	4.03E-09	1.39E-09	5.42E-09	3.37E-09	1.04E-09	4.41E-09	7.98E-10	2.66E-10	1.06E-09	6.22E-10	1.28E-10	7.50E-10
4340	623717.83	4265524.18	4.04E-09	1.39E-09	5.43E-09	3.38E-09	1.04E-09	4.42E-09	8.00E-10	2.66E-10	1.07E-09	6.23E-10	1.28E-10	7.51E-10
4341	623721.68	4265515.24	4.05E-09	1.39E-09	5.44E-09	3.38E-09	1.04E-09	4.42E-09	8.01E-10	2.66E-10	1.07E-09	6.24E-10	1.28E-10	7.53E-10
4342	623725.53	4265506.3	4.05E-09	1.39E-09	5.45E-09	3.39E-09	1.04E-09	4.43E-09	8.02E-10	2.67E-10	1.07E-09	6.25E-10	1.29E-10	7.54E-10
4343	623729.39	4265497.36	4.06E-09	1.40E-09	5.46E-09	3.39E-09	1.05E-09	4.44E-09	8.04E-10	2.67E-10	1.07E-09	6.26E-10	1.29E-10	7.55E-10

4344	623733.24	4265488.42	4.07E-09	1.40E-09	5.47E-09	3.40E-09	1.05E-09	4.45E-09	8.05E-10	2.68E-10	1.07E-09	6.28E-10	1.29E-10	7.57E-10
4345	623737.1	4265479.47	4.08E-09	1.40E-09	5.48E-09	3.41E-09	1.05E-09	4.46E-09	8.07E-10	2.69E-10	1.08E-09	6.29E-10	1.29E-10	7.58E-10
4346	623740.95	4265470.53	4.08E-09	1.40E-09	5.49E-09	3.41E-09	1.05E-09	4.47E-09	8.09E-10	2.69E-10	1.08E-09	6.30E-10	1.30E-10	7.60E-10
4347	623744.81	4265461.59	4.09E-09	1.41E-09	5.50E-09	3.42E-09	1.05E-09	4.47E-09	8.10E-10	2.70E-10	1.08E-09	6.32E-10	1.30E-10	7.61E-10
4348	623748.66	4265452.65	4.10E-09	1.41E-09	5.51E-09	3.43E-09	1.06E-09	4.48E-09	8.12E-10	2.70E-10	1.08E-09	6.33E-10	1.30E-10	7.63E-10
4349	623752.52	4265443.71	4.11E-09	1.41E-09	5.52E-09	3.43E-09	1.06E-09	4.49E-09	8.13E-10	2.71E-10	1.08E-09	6.34E-10	1.30E-10	7.64E-10
4350	623756.37	4265434.76	4.12E-09	1.42E-09	5.53E-09	3.44E-09	1.06E-09	4.50E-09	8.15E-10	2.71E-10	1.09E-09	6.35E-10	1.31E-10	7.66E-10
4351	623760.23	4265425.82	4.12E-09	1.42E-09	5.54E-09	3.44E-09	1.06E-09	4.50E-09	8.16E-10	2.71E-10	1.09E-09	6.36E-10	1.31E-10	7.67E-10
4352	623764.08	4265416.88	4.12E-09	1.42E-09	5.54E-09	3.45E-09	1.06E-09	4.51E-09	8.16E-10	2.72E-10	1.09E-09	6.36E-10	1.31E-10	7.67E-10
4353	623767.94	4265407.94	4.13E-09	1.42E-09	5.55E-09	3.45E-09	1.06E-09	4.51E-09	8.17E-10	2.72E-10	1.09E-09	6.37E-10	1.31E-10	7.68E-10
4354	623771.79	4265399	4.13E-09	1.42E-09	5.55E-09	3.45E-09	1.06E-09	4.51E-09	8.17E-10	2.72E-10	1.09E-09	6.37E-10	1.31E-10	7.68E-10
4355	623775.65	4265390.05	4.13E-09	1.42E-09	5.55E-09	3.45E-09	1.06E-09	4.51E-09	8.17E-10	2.72E-10	1.09E-09	6.37E-10	1.31E-10	7.68E-10
4356	623779.5	4265381.11	4.13E-09	1.42E-09	5.55E-09	3.45E-09	1.06E-09	4.51E-09	8.17E-10	2.72E-10	1.09E-09	6.37E-10	1.31E-10	7.68E-10
4357	623783.36	4265372.17	4.13E-09	1.42E-09	5.55E-09	3.45E-09	1.06E-09	4.51E-09	8.17E-10	2.72E-10	1.09E-09	6.37E-10	1.31E-10	7.68E-10
4358	623787.21	4265363.23	4.12E-09	1.42E-09	5.54E-09	3.45E-09	1.06E-09	4.51E-09	8.16E-10	2.72E-10	1.09E-09	6.36E-10	1.31E-10	7.67E-10
4359	623791.07	4265354.29	4.12E-09	1.42E-09	5.53E-09	3.44E-09	1.06E-09	4.50E-09	8.15E-10	2.71E-10	1.09E-09	6.35E-10	1.31E-10	7.66E-10
4360	623794.92	4265345.34	4.11E-09	1.41E-09	5.52E-09	3.43E-09	1.06E-09	4.49E-09	8.13E-10	2.71E-10	1.08E-09	6.34E-10	1.30E-10	7.64E-10
4361	623798.78	4265336.4	4.10E-09	1.41E-09	5.51E-09	3.43E-09	1.06E-09	4.48E-09	8.11E-10	2.70E-10	1.08E-09	6.33E-10	1.30E-10	7.63E-10
4362	623802.63	4265327.46	4.09E-09	1.41E-09	5.49E-09	3.42E-09	1.05E-09	4.47E-09	8.09E-10	2.69E-10	1.08E-09	6.31E-10	1.30E-10	7.61E-10
4363	623806.49	4265318.52	4.08E-09	1.40E-09	5.48E-09	3.41E-09	1.05E-09	4.46E-09	8.07E-10	2.69E-10	1.08E-09	6.29E-10	1.29E-10	7.58E-10
4364	623810.34	4265309.58	4.06E-09	1.40E-09	5.46E-09	3.40E-09	1.05E-09	4.44E-09	8.04E-10	2.68E-10	1.07E-09	6.27E-10	1.29E-10	7.56E-10
4365	623814.19	4265300.63	4.05E-09	1.39E-09	5.44E-09	3.38E-09	1.04E-09	4.43E-09	8.01E-10	2.67E-10	1.07E-09	6.25E-10	1.28E-10	7.53E-10
4366	623818.05	4265291.69	4.03E-09	1.39E-09	5.42E-09	3.37E-09	1.04E-09	4.41E-09	7.98E-10	2.66E-10	1.06E-09	6.22E-10	1.28E-10	7.50E-10
4367	623821.9	4265282.75	4.02E-09	1.38E-09	5.40E-09	3.36E-09	1.03E-09	4.39E-09	7.95E-10	2.65E-10	1.06E-09	6.20E-10	1.27E-10	7.47E-10
4368	623825.76	4265273.81	4.00E-09	1.38E-09	5.38E-09	3.34E-09	1.03E-09	4.37E-09	7.92E-10	2.64E-10	1.06E-09	6.17E-10	1.27E-10	7.44E-10
4369	623829.61	4265264.87	3.98E-09	1.37E-09	5.36E-09	3.33E-09	1.03E-09	4.36E-09	7.89E-10	2.63E-10	1.05E-09	6.15E-10	1.26E-10	7.41E-10
4370	623833.47	4265255.92	3.97E-09	1.36E-09	5.33E-09	3.32E-09	1.02E-09	4.34E-09	7.86E-10	2.61E-10	1.05E-09	6.12E-10	1.26E-10	7.38E-10
4371	623837.32	4265246.98	3.95E-09	1.36E-09	5.31E-09	3.30E-09	1.02E-09	4.32E-09	7.82E-10	2.60E-10	1.04E-09	6.10E-10	1.25E-10	7.35E-10
4372	623841.18	4265238.04	3.94E-09	1.35E-09	5.29E-09	3.29E-09	1.01E-09	4.31E-09	7.79E-10	2.59E-10	1.04E-09	6.08E-10	1.25E-10	7.33E-10
4373	623845.03	4265229.1	3.92E-09	1.35E-09	5.27E-09	3.28E-09	1.01E-09	4.29E-09	7.77E-10	2.58E-10	1.03E-09	6.05E-10	1.24E-10	7.30E-10
4374	623848.89	4265220.16	3.91E-09	1.34E-09	5.25E-09	3.27E-09	1.01E-09	4.27E-09	7.74E-10	2.58E-10	1.03E-09	6.03E-10	1.24E-10	7.27E-10
4375	623852.74	4265211.21	3.90E-09	1.34E-09	5.24E-09	3.26E-09	1.00E-09	4.26E-09	7.71E-10	2.57E-10	1.03E-09	6.01E-10	1.24E-10	7.25E-10
4376	623856.6	4265202.27	3.88E-09	1.34E-09	5.22E-09	3.25E-09	1.00E-09	4.25E-09	7.69E-10	2.56E-10	1.02E-09	5.99E-10	1.23E-10	7.23E-10
4377	623860.45	4265193.33	3.87E-09	1.33E-09	5.21E-09	3.24E-09	9.97E-10	4.24E-09	7.67E-10	2.55E-10	1.02E-09	5.98E-10	1.23E-10	7.21E-10
4378	623864.31	4265184.39	3.86E-09	1.33E-09	5.19E-09	3.23E-09	9.95E-10	4.22E-09	7.65E-10	2.55E-10	1.02E-09	5.96E-10	1.23E-10	7.19E-10
4379	623868.16	4265175.45	3.86E-09	1.33E-09	5.18E-09	3.22E-09	9.93E-10	4.21E-09	7.63E-10	2.54E-10	1.02E-09	5.95E-10	1.22E-10	7.17E-10
4380	623881.06	4265162.9	3.89E-09	1.34E-09	5.22E-09	3.25E-09	1.00E-09	4.25E-09	7.69E-10	2.56E-10	1.03E-09	6.00E-10	1.23E-10	7.23E-10
4381	623890.11	4265159.3	3.93E-09	1.35E-09	5.28E-09	3.28E-09	1.01E-09	4.29E-09	7.78E-10	2.59E-10	1.04E-09	6.06E-10	1.25E-10	7.31E-10
4382	623899.16	4265155.7	3.97E-09	1.37E-09	5.34E-09	3.32E-09	1.02E-09	4.34E-09	7.86E-10	2.62E-10	1.05E-09	6.13E-10	1.26E-10	7.39E-10
4383	623908.21	4265152.1	4.02E-09	1.38E-09	5.40E-09	3.36E-09	1.03E-09	4.39E-09	7.95E-10	2.65E-10	1.06E-09	6.20E-10	1.27E-10	7.47E-10
4384	623917.25	4265148.5	4.06E-09	1.40E-09	5.46E-09	3.40E-09	1.05E-09	4.44E-09	8.04E-10	2.68E-10	1.07E-09	6.27E-10	1.29E-10	7.56E-10
4385	623926.3	4265144.9	4.11E-09	1.41E-09	5.53E-09	3.44E-09	1.06E-09	4.50E-09	8.14E-10	2.71E-10	1.08E-09	6.34E-10	1.30E-10	7.65E-10
4386	623935.35	4265141.3	4.16E-09	1.43E-09	5.59E-09	3.48E-09	1.07E-09	4.55E-09	8.24E-10	2.74E-10	1.10E-09	6.42E-10	1.32E-10	7.74E-10
4387	623944.4	4265137.7	4.21E-09	1.45E-09	5.66E-09	3.52E-09	1.08E-09	4.60E-09	8.33E-10	2.77E-10	1.11E-09	6.49E-10	1.34E-10	7.83E-10
4388	623953.45	4265134.1	4.26E-09	1.46E-09	5.72E-09	3.56E-09	1.10E-09	4.65E-09	8.43E-10	2.81E-10	1.12E-09	6.57E-10	1.35E-10	7.92E-10
4389	623962.49	4265130.5	4.31E-09	1.48E-09	5.79E-09	3.60E-09	1.11E-09	4.71E-09	8.52E-10	2.84E-10	1.14E-09	6.65E-10	1.37E-10	8.01E-10
4390	623971.54	4265126.9	4.36E-09	1.50E-09	5.85E-09	3.64E-09	1.12E-09	4.76E-09	8.62E-10	2.87E-10	1.15E-09	6.72E-10	1.38E-10	8.11E-10
4391	623980.59	4265123.3	4.41E-09	1.52E-09	5.92E-09	3.68E-09	1.13E-09	4.82E-09	8.72E-10	2.90E-10	1.16E-09	6.80E-10	1.40E-10	8.20E-10
4392	623989.64	4265119.7	4.46E-09	1.53E-09	5.99E-09	3.72E-09	1.15E-09	4.87E-09	8.82E-10	2.94E-10	1.18E-09	6.88E-10	1.41E-10	8.29E-10
4393	623998.68	4265116.1	4.51E-09	1.55E-09	6.06E-09	3.77E-09	1.16E-09	4.93E-09	8.92E-10	2.97E-10	1.19E-09	6.95E-10	1.43E-10	8.38E-10
4394	624007.73	4265112.5	4.56E-09	1.57E-09	6.12E-09	3.81E-09	1.17E-09	4.98E-09	9.02E-10	3.00E-10	1.20E-09	7.03E-10	1.45E-10	8.47E-10
4395	624016.78	4265108.9	4.60E-09	1.58E-09	6.19E-09	3.85E-09	1.19E-09	5.03E-09	9.11E-10	3.03E-10	1.21E-09	7.10E-10	1.46E-10	8.56E-10
4396	624025.83	4265105.3	4.65E-09	1.60E-09	6.25E-09	3.89E-09	1.20E-09	5.09E-09	9.21E-10	3.06E-10	1.23E-09	7.18E-10	1.48E-10	8.65E-10
4397	624034.87	4265101.7	4.70E-09	1.62E-09	6.31E-09	3.93E-09	1.21E-09	5.14E-09	9.30E-10	3.09E-10	1.24E-09	7.25E-10	1.49E-10	8.74E-10
4398	624043.92	4265098.1	4.74E-09	1.63E-09	6.37E-09	3.96E-09	1.22E-09	5.18E-09	9.38E-10	3.12E-10	1.25E-09	7.32E-10	1.50E-10	8.82E-10
4399	624052.97	4265094.5	4.78E-09	1.65E-09	6.43E-09	4.00E-09	1.23E-09	5.23E-09	9.47E-10	3.15E-10	1.26E-09	7.38E-10	1.52E-10	8.90E-10
4400	624062.02	4265090.9	4.82E-09	1.66E-09	6.48E-09	4.03E-09	1.24E-09	5.27E-09	9.55E-10	3.18E-10	1.27E-09	7.44E-10	1.53E-10	8.97E-10
4401	624071.06	4265087.3	4.86E-09	1.67E-09	6.53E-09	4.06E-09	1.25E-09	5.31E-09	9.62E-10	3.20E-10	1.28E-09	7.50E-10	1.54E-10	9.04E-10
4402	624080.11	4265083.7	4.90E-09	1.68E-09	6.58E-09	4.09E-09	1.26E-09	5.35E-09	9.69E-10	3.23E-10	1.29E-09	7.55E-10	1.55E-10	9.11E-10
4403	624089.16	4265080.1	4.93E-09	1.69E-09	6.62E-09	4.12E-09	1.27E-09	5.39E-09	9.75E-10	3.25E-10	1.30E-09	7.60E-10	1.56E-10	9.17E-10
4404	624098.21	4265076.51	4.96E-09	1.70E-09	6.66E-09	4.14E-09	1.28E-09	5.42E-09	9.81E-10	3.27E-10	1.31E-09	7.65E-10	1.57E-10	9.22E-10
4405	624107.25	4265072.91	4.98E-09	1.71E-09	6.69E-09	4.16E-09	1.28E-09	5.45E-09	9.86E-10	3.28E-10	1.31E-09	7.69E-10	1.58E-10	9.27E-10
4406	624116.3	4265069.31	5.00E-09	1.72E-09	6.72E-09	4.18E-09	1.29E-09	5.47E-09	9.90E-10	3.30E-10	1.32E-09	7.72E-10	1.59E-10	9.31E-10
4407	624125.35	4265065.71	5.02E-09	1.73E-09	6.75E-09	4.20E-09	1.29E-09	5.49E-09	9.94E-10	3.31E-10	1.32E-09	7.75E-10	1.59E-10	9.34E-10
4408	624134.4	4265062.11	5.03E-09	1.73E-09	6.77E-09	4.21E-09	1.30E-09	5.50E-09	9.96E-10	3.32E-10	1.33E-09	7.77E-10	1.60E-10	9.37E-10
4409	624143.45	4265058.51	5.04E-09	1.73E-09	6.78E-09	4.22E-09	1.30E-09	5.51E-09	9.98E-10	3.32E-10	1.33E-09	7.78E-10	1.60E-10	9.38E-10
4410	624152.49	4265054.91	5.05E-09	1.74E-09	6.79E-09	4.22E-09	1.30E-09	5.52E-09	1.00E-09	3.33E-10	1.33E-09	7.79E-10	1.60E-10	9.40E-10
4411	624161.54	4265051.31	5.06E-09	1.74E-09	6.80E-09	4.23E-09	1.30E-09	5.53E-09	1.00E-09	3.33E-10	1.33E-09	7.80E-10	1.61E-10	9.41E-10
4412	624170.59	4265047.71	5.06E-09	1.74E-09	6.80E-09	4.23E-09	1.30E-09	5.53E-09	1.00E-09	3.33E-10	1.34E-09	7.81E-10	1.61E-10	9.41E-10

4413	624179.64	4265044.11	5.06E-09	1.74E-09	6.80E-09	4.23E-09	1.30E-09	5.53E-09	1.00E-09	3.33E-10	1.33E-09	7.81E-10	1.61E-10	9.41E-10
4414	624188.68	4265040.51	5.06E-09	1.74E-09	6.79E-09	4.23E-09	1.30E-09	5.53E-09	1.00E-09	3.33E-10	1.33E-09	7.80E-10	1.60E-10	9.41E-10
4415	624197.73	4265036.91	5.05E-09	1.74E-09	6.79E-09	4.22E-09	1.30E-09	5.52E-09	1.00E-09	3.33E-10	1.33E-09	7.79E-10	1.60E-10	9.40E-10
4416	624206.78	4265033.31	5.05E-09	1.74E-09	6.78E-09	4.22E-09	1.30E-09	5.52E-09	9.99E-10	3.33E-10	1.33E-09	7.79E-10	1.60E-10	9.39E-10
4417	624215.83	4265029.71	5.04E-09	1.73E-09	6.78E-09	4.22E-09	1.30E-09	5.51E-09	9.98E-10	3.32E-10	1.33E-09	7.78E-10	1.60E-10	9.38E-10
4418	624224.87	4265026.11	5.04E-09	1.73E-09	6.77E-09	4.21E-09	1.30E-09	5.51E-09	9.98E-10	3.32E-10	1.33E-09	7.78E-10	1.60E-10	9.38E-10
4419	624233.92	4265022.51	5.04E-09	1.73E-09	6.77E-09	4.21E-09	1.30E-09	5.51E-09	9.97E-10	3.32E-10	1.33E-09	7.78E-10	1.60E-10	9.37E-10
4420	624242.97	4265018.91	5.04E-09	1.73E-09	6.77E-09	4.21E-09	1.30E-09	5.51E-09	9.97E-10	3.32E-10	1.33E-09	7.78E-10	1.60E-10	9.37E-10
4421	624252.02	4265015.31	5.04E-09	1.73E-09	6.78E-09	4.21E-09	1.30E-09	5.51E-09	9.98E-10	3.32E-10	1.33E-09	7.78E-10	1.60E-10	9.38E-10
4422	624261.06	4265011.71	5.05E-09	1.74E-09	6.78E-09	4.22E-09	1.30E-09	5.52E-09	9.99E-10	3.33E-10	1.33E-09	7.79E-10	1.60E-10	9.39E-10
4423	624270.11	4265008.11	5.05E-09	1.74E-09	6.79E-09	4.22E-09	1.30E-09	5.53E-09	1.00E-09	3.33E-10	1.33E-09	7.80E-10	1.60E-10	9.40E-10
4424	624279.16	4265004.51	5.06E-09	1.74E-09	6.80E-09	4.23E-09	1.30E-09	5.54E-09	1.00E-09	3.34E-10	1.34E-09	7.81E-10	1.61E-10	9.42E-10
4425	624288.21	4265000.91	5.07E-09	1.74E-09	6.82E-09	4.24E-09	1.31E-09	5.55E-09	1.00E-09	3.34E-10	1.34E-09	7.83E-10	1.61E-10	9.44E-10
4426	624297.25	4264997.31	5.09E-09	1.75E-09	6.84E-09	4.25E-09	1.31E-09	5.56E-09	1.01E-09	3.35E-10	1.34E-09	7.85E-10	1.61E-10	9.46E-10
4427	624306.3	4264993.71	5.10E-09	1.75E-09	6.86E-09	4.26E-09	1.31E-09	5.58E-09	1.01E-09	3.36E-10	1.35E-09	7.87E-10	1.62E-10	9.49E-10
4428	624315.35	4264990.11	5.12E-09	1.76E-09	6.88E-09	4.28E-09	1.32E-09	5.60E-09	1.01E-09	3.37E-10	1.35E-09	7.90E-10	1.62E-10	9.52E-10
4429	624324.4	4264986.51	5.13E-09	1.77E-09	6.90E-09	4.29E-09	1.32E-09	5.61E-09	1.02E-09	3.38E-10	1.35E-09	7.92E-10	1.63E-10	9.55E-10
4430	624333.45	4264982.91	5.16E-09	1.77E-09	6.93E-09	4.31E-09	1.33E-09	5.64E-09	1.02E-09	3.40E-10	1.36E-09	7.95E-10	1.64E-10	9.59E-10
4431	624342.49	4264979.31	5.18E-09	1.78E-09	6.96E-09	4.33E-09	1.33E-09	5.66E-09	1.02E-09	3.41E-10	1.37E-09	7.99E-10	1.64E-10	9.63E-10
4432	624351.54	4264975.71	5.20E-09	1.79E-09	6.98E-09	4.34E-09	1.34E-09	5.68E-09	1.03E-09	3.42E-10	1.37E-09	8.02E-10	1.65E-10	9.67E-10
4433	624360.59	4264972.11	5.22E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.66E-10	9.70E-10
4434	623660	4265658.31	3.98E-09	1.37E-09	5.34E-09	3.32E-09	1.02E-09	4.35E-09	7.87E-10	2.62E-10	1.05E-09	6.14E-10	1.26E-10	7.40E-10
4435	623659.86	4265668.21	4.00E-09	1.37E-09	5.37E-09	3.34E-09	1.03E-09	4.37E-09	7.91E-10	2.63E-10	1.05E-09	6.17E-10	1.27E-10	7.44E-10
4436	623659.72	4265678.1	4.02E-09	1.38E-09	5.40E-09	3.36E-09	1.03E-09	4.39E-09	7.95E-10	2.65E-10	1.06E-09	6.20E-10	1.27E-10	7.47E-10
4437	623659.57	4265687.99	4.04E-09	1.39E-09	5.42E-09	3.37E-09	1.04E-09	4.41E-09	7.99E-10	2.66E-10	1.06E-09	6.23E-10	1.28E-10	7.51E-10
4438	623659.43	4265697.88	4.05E-09	1.39E-09	5.45E-09	3.39E-09	1.04E-09	4.43E-09	8.03E-10	2.67E-10	1.07E-09	6.26E-10	1.29E-10	7.54E-10
4439	623659.29	4265707.78	4.07E-09	1.40E-09	5.47E-09	3.40E-09	1.05E-09	4.45E-09	8.06E-10	2.68E-10	1.07E-09	6.28E-10	1.29E-10	7.58E-10
4440	623659.14	4265717.67	4.09E-09	1.41E-09	5.49E-09	3.42E-09	1.05E-09	4.47E-09	8.09E-10	2.69E-10	1.08E-09	6.31E-10	1.30E-10	7.61E-10
4441	623659	4265727.56	4.11E-09	1.41E-09	5.52E-09	3.43E-09	1.06E-09	4.49E-09	8.13E-10	2.70E-10	1.08E-09	6.33E-10	1.30E-10	7.64E-10
4442	623658.86	4265737.45	4.12E-09	1.42E-09	5.54E-09	3.44E-09	1.06E-09	4.51E-09	8.16E-10	2.72E-10	1.09E-09	6.36E-10	1.31E-10	7.67E-10
4443	623658.72	4265747.35	4.14E-09	1.42E-09	5.56E-09	3.46E-09	1.07E-09	4.52E-09	8.19E-10	2.73E-10	1.09E-09	6.38E-10	1.31E-10	7.70E-10
4444	623658.57	4265757.24	4.15E-09	1.43E-09	5.58E-09	3.47E-09	1.07E-09	4.54E-09	8.22E-10	2.74E-10	1.10E-09	6.41E-10	1.32E-10	7.73E-10
4445	623658.43	4265767.13	4.17E-09	1.43E-09	5.61E-09	3.49E-09	1.07E-09	4.56E-09	8.26E-10	2.75E-10	1.10E-09	6.44E-10	1.32E-10	7.76E-10
4446	623658.29	4265777.02	4.19E-09	1.44E-09	5.63E-09	3.50E-09	1.08E-09	4.58E-09	8.29E-10	2.76E-10	1.11E-09	6.46E-10	1.33E-10	7.79E-10
4447	623658.14	4265786.92	4.21E-09	1.45E-09	5.66E-09	3.52E-09	1.08E-09	4.60E-09	8.33E-10	2.77E-10	1.11E-09	6.49E-10	1.34E-10	7.83E-10
4448	623658	4265796.81	4.23E-09	1.45E-09	5.68E-09	3.53E-09	1.09E-09	4.62E-09	8.37E-10	2.79E-10	1.12E-09	6.53E-10	1.34E-10	7.87E-10
4449	623657.86	4265806.7	4.25E-09	1.46E-09	5.71E-09	3.55E-09	1.09E-09	4.65E-09	8.42E-10	2.80E-10	1.12E-09	6.56E-10	1.35E-10	7.91E-10
4450	623657.71	4265816.59	4.28E-09	1.47E-09	5.75E-09	3.57E-09	1.10E-09	4.68E-09	8.47E-10	2.82E-10	1.13E-09	6.60E-10	1.36E-10	7.96E-10
4451	623657.57	4265826.49	4.30E-09	1.48E-09	5.78E-09	3.60E-09	1.11E-09	4.70E-09	8.52E-10	2.84E-10	1.14E-09	6.64E-10	1.37E-10	8.01E-10
4452	623657.43	4265836.38	4.33E-09	1.49E-09	5.82E-09	3.62E-09	1.12E-09	4.74E-09	8.58E-10	2.85E-10	1.14E-09	6.69E-10	1.38E-10	8.06E-10
4453	623657.28	4265846.27	4.36E-09	1.50E-09	5.87E-09	3.65E-09	1.12E-09	4.77E-09	8.64E-10	2.88E-10	1.15E-09	6.73E-10	1.39E-10	8.12E-10
4454	623657.14	4265856.16	4.40E-09	1.51E-09	5.91E-09	3.68E-09	1.13E-09	4.81E-09	8.71E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.18E-10
4455	623657	4265866.06	4.44E-09	1.53E-09	5.96E-09	3.71E-09	1.14E-09	4.85E-09	8.78E-10	2.92E-10	1.17E-09	6.84E-10	1.41E-10	8.25E-10
4456	623656.85	4265875.95	4.48E-09	1.54E-09	6.01E-09	3.74E-09	1.15E-09	4.89E-09	8.86E-10	2.95E-10	1.18E-09	6.91E-10	1.42E-10	8.33E-10
4457	623656.71	4265885.84	4.52E-09	1.55E-09	6.07E-09	3.77E-09	1.16E-09	4.94E-09	8.94E-10	2.98E-10	1.19E-09	6.97E-10	1.43E-10	8.40E-10
4458	623656.57	4265895.73	4.56E-09	1.57E-09	6.13E-09	3.81E-09	1.17E-09	4.98E-09	9.02E-10	3.00E-10	1.20E-09	7.03E-10	1.45E-10	8.48E-10
4459	623656.43	4265905.63	4.60E-09	1.58E-09	6.19E-09	3.85E-09	1.19E-09	5.03E-09	9.11E-10	3.03E-10	1.21E-09	7.10E-10	1.46E-10	8.57E-10
4460	623656.28	4265915.52	4.65E-09	1.60E-09	6.25E-09	3.89E-09	1.20E-09	5.08E-09	9.20E-10	3.06E-10	1.23E-09	7.17E-10	1.48E-10	8.65E-10
4461	623656.14	4265925.41	4.70E-09	1.61E-09	6.31E-09	3.93E-09	1.21E-09	5.13E-09	9.30E-10	3.09E-10	1.24E-09	7.25E-10	1.49E-10	8.74E-10
4462	623656	4265935.3	4.74E-09	1.63E-09	6.37E-09	3.96E-09	1.22E-09	5.18E-09	9.39E-10	3.12E-10	1.25E-09	7.32E-10	1.50E-10	8.82E-10
4463	623655.85	4265945.2	4.79E-09	1.65E-09	6.44E-09	4.00E-09	1.23E-09	5.24E-09	9.48E-10	3.16E-10	1.26E-09	7.39E-10	1.52E-10	8.91E-10
4464	623655.71	4265955.09	4.83E-09	1.66E-09	6.50E-09	4.04E-09	1.24E-09	5.29E-09	9.57E-10	3.18E-10	1.28E-09	7.46E-10	1.53E-10	8.99E-10
4465	623655.57	4265964.98	4.88E-09	1.68E-09	6.56E-09	4.08E-09	1.26E-09	5.33E-09	9.66E-10	3.21E-10	1.29E-09	7.53E-10	1.55E-10	9.08E-10
4466	623655.42	4265974.87	4.92E-09	1.69E-09	6.61E-09	4.11E-09	1.27E-09	5.38E-09	9.74E-10	3.24E-10	1.30E-09	7.59E-10	1.56E-10	9.15E-10
4467	623638.18	4265475.55	3.50E-09	1.20E-09	4.70E-09	2.92E-09	9.00E-10	3.82E-09	6.92E-10	2.30E-10	9.23E-10	5.40E-10	1.11E-10	6.51E-10
4468	623642.08	4265466.49	3.51E-09	1.21E-09	4.71E-09	2.93E-09	9.03E-10	3.83E-09	6.94E-10	2.31E-10	9.25E-10	5.41E-10	1.11E-10	6.52E-10
4469	623645.99	4265457.42	3.52E-09	1.21E-09	4.72E-09	2.94E-09	9.05E-10	3.84E-09	6.96E-10	2.32E-10	9.28E-10	5.42E-10	1.12E-10	6.54E-10
4470	623649.9	4265448.36	3.52E-09	1.21E-09	4.74E-09	2.95E-09	9.08E-10	3.85E-09	6.98E-10	2.32E-10	9.30E-10	5.44E-10	1.12E-10	6.56E-10
4471	623653.81	4265439.29	3.53E-09	1.22E-09	4.75E-09	2.95E-09	9.10E-10	3.86E-09	6.99E-10	2.33E-10	9.32E-10	5.45E-10	1.12E-10	6.57E-10
4472	623657.72	4265430.23	3.54E-09	1.22E-09	4.76E-09	2.96E-09	9.12E-10	3.87E-09	7.01E-10	2.33E-10	9.35E-10	5.47E-10	1.12E-10	6.59E-10
4473	623661.62	4265421.16	3.55E-09	1.22E-09	4.77E-09	2.97E-09	9.14E-10	3.88E-09	7.03E-10	2.34E-10	9.37E-10	5.48E-10	1.13E-10	6.61E-10
4474	623665.53	4265412.09	3.56E-09	1.22E-09	4.78E-09	2.97E-09	9.16E-10	3.89E-09	7.04E-10	2.34E-10	9.39E-10	5.49E-10	1.13E-10	6.62E-10
4475	623669.44	4265403.03	3.57E-09	1.23E-09	4.79E-09	2.98E-09	9.19E-10	3.90E-09	7.06E-10	2.35E-10	9.41E-10	5.50E-10	1.13E-10	6.64E-10
4476	623673.35	4265393.96	3.58E-09	1.23E-09	4.80E-09	2.99E-09	9.20E-10	3.91E-09	7.08E-10	2.36E-10	9.43E-10	5.52E-10	1.13E-10	6.65E-10
4477	623677.26	4265384.9	3.58E-09	1.23E-09	4.81E-09	2.99E-09	9.22E-10	3.92E-09	7.09E-10	2.36E-10	9.45E-10	5.53E-10	1.14E-10	6.66E-10
4478	623681.16	4265375.83	3.59E-09	1.23E-09	4.82E-09	3.00E-09	9.24E-10	3.92E-09	7.10E-10	2.36E-10	9.46E-10	5.54E-10	1.14E-10	6.67E-10
4479	623685.07	4265366.77	3.59E-09	1.24E-09	4.83E-09	3.00E-09	9.25E-10	3.93E-09	7.11E-10	2.37E-10	9.48E-10	5.54E-10	1.14E-10	6.68E-10
4480	623688.98	4265357.7	3.60E-09	1.24E-09	4.83E-09	3.00E-09	9.26E-10	3.93E-09	7.12E-10	2.37E-10	9.48E-10	5.55E-10	1.14E-10	6.69E-10
4481	623692.89	4265348.64	3.60E-09	1.24E-09	4.83E-09	3.01E-09	9.26E-10	3.93E-09	7.12E-10	2.37E-10	9.49E-10	5.55E-10	1.14E-10	6.69E-10

4482	623696.8	4265339.57	3.60E-09	1.24E-09	4.83E-09	3.01E-09	9.26E-10	3.93E-09	7.12E-10	2.37E-10	9.49E-10	5.55E-10	1.14E-10	6.69E-10
4483	623700.7	4265330.5	3.59E-09	1.24E-09	4.83E-09	3.00E-09	9.25E-10	3.93E-09	7.11E-10	2.37E-10	9.48E-10	5.54E-10	1.14E-10	6.68E-10
4484	623704.61	4265321.44	3.59E-09	1.23E-09	4.82E-09	3.00E-09	9.24E-10	3.92E-09	7.10E-10	2.36E-10	9.47E-10	5.54E-10	1.14E-10	6.68E-10
4485	623708.52	4265312.37	3.58E-09	1.23E-09	4.81E-09	2.99E-09	9.22E-10	3.92E-09	7.09E-10	2.36E-10	9.45E-10	5.53E-10	1.14E-10	6.66E-10
4486	623712.43	4265303.31	3.57E-09	1.23E-09	4.80E-09	2.99E-09	9.20E-10	3.91E-09	7.08E-10	2.36E-10	9.43E-10	5.52E-10	1.13E-10	6.65E-10
4487	623716.34	4265294.24	3.57E-09	1.23E-09	4.79E-09	2.98E-09	9.18E-10	3.90E-09	7.06E-10	2.35E-10	9.41E-10	5.50E-10	1.13E-10	6.63E-10
4488	623720.25	4265285.18	3.55E-09	1.22E-09	4.78E-09	2.97E-09	9.15E-10	3.89E-09	7.04E-10	2.34E-10	9.38E-10	5.48E-10	1.13E-10	6.61E-10
4489	623724.15	4265276.11	3.54E-09	1.22E-09	4.76E-09	2.96E-09	9.12E-10	3.87E-09	7.01E-10	2.33E-10	9.35E-10	5.47E-10	1.12E-10	6.59E-10
4490	623728.06	4265267.04	3.53E-09	1.21E-09	4.74E-09	2.95E-09	9.09E-10	3.86E-09	6.99E-10	2.33E-10	9.31E-10	5.45E-10	1.12E-10	6.57E-10
4491	623731.97	4265257.98	3.51E-09	1.21E-09	4.72E-09	2.94E-09	9.05E-10	3.84E-09	6.96E-10	2.32E-10	9.27E-10	5.42E-10	1.12E-10	6.54E-10
4492	623735.88	4265248.91	3.50E-09	1.20E-09	4.70E-09	2.92E-09	9.01E-10	3.83E-09	6.93E-10	2.31E-10	9.23E-10	5.40E-10	1.11E-10	6.51E-10
4493	623739.79	4265239.85	3.48E-09	1.20E-09	4.68E-09	2.91E-09	8.97E-10	3.81E-09	6.90E-10	2.30E-10	9.19E-10	5.38E-10	1.11E-10	6.48E-10
4494	623743.69	4265230.78	3.47E-09	1.19E-09	4.66E-09	2.90E-09	8.93E-10	3.79E-09	6.86E-10	2.28E-10	9.15E-10	5.35E-10	1.10E-10	6.45E-10
4495	623747.6	4265221.72	3.45E-09	1.19E-09	4.64E-09	2.88E-09	8.89E-10	3.77E-09	6.83E-10	2.27E-10	9.11E-10	5.33E-10	1.10E-10	6.42E-10
4496	623751.51	4265212.65	3.44E-09	1.18E-09	4.62E-09	2.87E-09	8.85E-10	3.76E-09	6.80E-10	2.26E-10	9.06E-10	5.30E-10	1.09E-10	6.39E-10
4497	623755.42	4265203.59	3.42E-09	1.18E-09	4.60E-09	2.86E-09	8.80E-10	3.74E-09	6.77E-10	2.25E-10	9.02E-10	5.28E-10	1.09E-10	6.36E-10
4498	623759.33	4265194.52	3.41E-09	1.17E-09	4.58E-09	2.85E-09	8.77E-10	3.72E-09	6.74E-10	2.24E-10	8.98E-10	5.25E-10	1.08E-10	6.34E-10
4499	623763.23	4265185.45	3.39E-09	1.17E-09	4.56E-09	2.84E-09	8.73E-10	3.71E-09	6.71E-10	2.23E-10	8.95E-10	5.23E-10	1.08E-10	6.31E-10
4500	623767.14	4265176.39	3.38E-09	1.16E-09	4.54E-09	2.82E-09	8.70E-10	3.69E-09	6.69E-10	2.23E-10	8.91E-10	5.21E-10	1.07E-10	6.29E-10
4501	623771.05	4265167.32	3.37E-09	1.16E-09	4.52E-09	2.81E-09	8.67E-10	3.68E-09	6.66E-10	2.22E-10	8.88E-10	5.19E-10	1.07E-10	6.26E-10
4502	623774.96	4265158.26	3.35E-09	1.15E-09	4.51E-09	2.80E-09	8.64E-10	3.67E-09	6.64E-10	2.21E-10	8.85E-10	5.18E-10	1.06E-10	6.24E-10
4503	623778.87	4265149.19	3.34E-09	1.15E-09	4.49E-09	2.80E-09	8.61E-10	3.66E-09	6.62E-10	2.20E-10	8.82E-10	5.16E-10	1.06E-10	6.22E-10
4504	623782.77	4265140.13	3.33E-09	1.15E-09	4.48E-09	2.79E-09	8.58E-10	3.65E-09	6.60E-10	2.20E-10	8.80E-10	5.15E-10	1.06E-10	6.20E-10
4505	623786.68	4265131.06	3.33E-09	1.14E-09	4.47E-09	2.78E-09	8.56E-10	3.64E-09	6.58E-10	2.19E-10	8.77E-10	5.13E-10	1.06E-10	6.19E-10
4506	623790.59	4265121.99	3.32E-09	1.14E-09	4.46E-09	2.77E-09	8.54E-10	3.63E-09	6.57E-10	2.19E-10	8.75E-10	5.12E-10	1.05E-10	6.17E-10
4507	623794.5	4265112.93	3.31E-09	1.14E-09	4.45E-09	2.77E-09	8.52E-10	3.62E-09	6.55E-10	2.18E-10	8.73E-10	5.11E-10	1.05E-10	6.16E-10
4508	623798.41	4265103.86	3.30E-09	1.14E-09	4.44E-09	2.76E-09	8.51E-10	3.61E-09	6.54E-10	2.18E-10	8.72E-10	5.10E-10	1.05E-10	6.15E-10
4509	623811.49	4265091.15	3.33E-09	1.15E-09	4.48E-09	2.79E-09	8.58E-10	3.64E-09	6.60E-10	2.20E-10	8.79E-10	5.14E-10	1.06E-10	6.20E-10
4510	623820.66	4265087.5	3.37E-09	1.16E-09	4.52E-09	2.81E-09	8.67E-10	3.68E-09	6.66E-10	2.22E-10	8.88E-10	5.19E-10	1.07E-10	6.26E-10
4511	623829.83	4265083.85	3.40E-09	1.17E-09	4.57E-09	2.84E-09	8.76E-10	3.72E-09	6.73E-10	2.24E-10	8.97E-10	5.25E-10	1.08E-10	6.33E-10
4512	623839.01	4265080.2	3.44E-09	1.18E-09	4.62E-09	2.87E-09	8.85E-10	3.76E-09	6.80E-10	2.26E-10	9.07E-10	5.30E-10	1.09E-10	6.39E-10
4513	623848.18	4265076.55	3.47E-09	1.19E-09	4.67E-09	2.90E-09	8.95E-10	3.80E-09	6.88E-10	2.29E-10	9.17E-10	5.36E-10	1.10E-10	6.46E-10
4514	623857.35	4265072.9	3.51E-09	1.21E-09	4.72E-09	2.94E-09	9.04E-10	3.84E-09	6.95E-10	2.31E-10	9.27E-10	5.42E-10	1.11E-10	6.54E-10
4515	623866.52	4265069.25	3.55E-09	1.22E-09	4.77E-09	2.97E-09	9.14E-10	3.88E-09	7.03E-10	2.34E-10	9.37E-10	5.48E-10	1.13E-10	6.61E-10
4516	623875.7	4265065.6	3.59E-09	1.23E-09	4.83E-09	3.00E-09	9.25E-10	3.93E-09	7.11E-10	2.37E-10	9.47E-10	5.54E-10	1.14E-10	6.68E-10
4517	623884.87	4265061.95	3.63E-09	1.25E-09	4.88E-09	3.04E-09	9.35E-10	3.97E-09	7.19E-10	2.39E-10	9.58E-10	5.60E-10	1.15E-10	6.76E-10
4518	623894.04	4265058.3	3.67E-09	1.26E-09	4.94E-09	3.07E-09	9.46E-10	4.02E-09	7.27E-10	2.42E-10	9.69E-10	5.67E-10	1.17E-10	6.83E-10
4519	623903.21	4265054.65	3.71E-09	1.28E-09	4.99E-09	3.10E-09	9.56E-10	4.06E-09	7.35E-10	2.45E-10	9.80E-10	5.73E-10	1.18E-10	6.91E-10
4520	623912.39	4265051	3.76E-09	1.29E-09	5.05E-09	3.14E-09	9.67E-10	4.11E-09	7.43E-10	2.47E-10	9.91E-10	5.80E-10	1.19E-10	6.99E-10
4521	623921.56	4265047.35	3.80E-09	1.31E-09	5.10E-09	3.17E-09	9.78E-10	4.15E-09	7.52E-10	2.50E-10	1.00E-09	5.86E-10	1.21E-10	7.07E-10
4522	623930.73	4265043.7	3.84E-09	1.32E-09	5.16E-09	3.21E-09	9.89E-10	4.20E-09	7.60E-10	2.53E-10	1.01E-09	5.93E-10	1.22E-10	7.14E-10
4523	623939.91	4265040.05	3.88E-09	1.34E-09	5.22E-09	3.25E-09	1.00E-09	4.25E-09	7.69E-10	2.56E-10	1.02E-09	5.99E-10	1.23E-10	7.23E-10
4524	623949.08	4265036.4	3.93E-09	1.35E-09	5.28E-09	3.28E-09	1.01E-09	4.29E-09	7.77E-10	2.59E-10	1.04E-09	6.06E-10	1.25E-10	7.31E-10
4525	623958.25	4265032.75	3.97E-09	1.37E-09	5.34E-09	3.32E-09	1.02E-09	4.34E-09	7.86E-10	2.62E-10	1.05E-09	6.13E-10	1.26E-10	7.39E-10
4526	623967.42	4265029.1	4.01E-09	1.38E-09	5.39E-09	3.35E-09	1.03E-09	4.39E-09	7.94E-10	2.64E-10	1.06E-09	6.19E-10	1.27E-10	7.47E-10
4527	623976.6	4265025.45	4.05E-09	1.39E-09	5.45E-09	3.39E-09	1.04E-09	4.43E-09	8.02E-10	2.67E-10	1.07E-09	6.26E-10	1.29E-10	7.54E-10
4528	623985.77	4265021.8	4.09E-09	1.41E-09	5.50E-09	3.42E-09	1.05E-09	4.48E-09	8.10E-10	2.70E-10	1.08E-09	6.32E-10	1.30E-10	7.62E-10
4529	623994.94	4265018.15	4.13E-09	1.42E-09	5.55E-09	3.45E-09	1.06E-09	4.52E-09	8.18E-10	2.72E-10	1.09E-09	6.38E-10	1.31E-10	7.69E-10
4530	624004.11	4265014.5	4.17E-09	1.43E-09	5.60E-09	3.48E-09	1.07E-09	4.56E-09	8.25E-10	2.75E-10	1.10E-09	6.43E-10	1.32E-10	7.75E-10
4531	624013.29	4265010.85	4.20E-09	1.45E-09	5.65E-09	3.51E-09	1.08E-09	4.60E-09	8.32E-10	2.77E-10	1.11E-09	6.49E-10	1.33E-10	7.82E-10
4532	624022.46	4265007.21	4.24E-09	1.46E-09	5.69E-09	3.54E-09	1.09E-09	4.63E-09	8.39E-10	2.79E-10	1.12E-09	6.54E-10	1.34E-10	7.88E-10
4533	624031.63	4265003.56	4.27E-09	1.47E-09	5.74E-09	3.57E-09	1.10E-09	4.67E-09	8.45E-10	2.81E-10	1.13E-09	6.59E-10	1.35E-10	7.94E-10
4534	624040.8	4264999.91	4.30E-09	1.48E-09	5.77E-09	3.59E-09	1.11E-09	4.70E-09	8.50E-10	2.83E-10	1.13E-09	6.63E-10	1.36E-10	7.99E-10
4535	624049.98	4264996.26	4.32E-09	1.49E-09	5.81E-09	3.61E-09	1.11E-09	4.73E-09	8.56E-10	2.85E-10	1.14E-09	6.67E-10	1.37E-10	8.04E-10
4536	624059.15	4264992.61	4.35E-09	1.49E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.60E-10	2.86E-10	1.15E-09	6.71E-10	1.38E-10	8.09E-10
4537	624068.32	4264988.96	4.37E-09	1.50E-09	5.87E-09	3.65E-09	1.12E-09	4.77E-09	8.64E-10	2.88E-10	1.15E-09	6.74E-10	1.39E-10	8.12E-10
4538	624077.5	4264985.31	4.38E-09	1.51E-09	5.89E-09	3.66E-09	1.13E-09	4.79E-09	8.68E-10	2.89E-10	1.16E-09	6.76E-10	1.39E-10	8.16E-10
4539	624086.67	4264981.66	4.40E-09	1.51E-09	5.91E-09	3.68E-09	1.13E-09	4.81E-09	8.70E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.18E-10
4540	624095.84	4264978.01	4.41E-09	1.52E-09	5.92E-09	3.68E-09	1.13E-09	4.82E-09	8.72E-10	2.90E-10	1.16E-09	6.80E-10	1.40E-10	8.20E-10
4541	624105.01	4264974.36	4.41E-09	1.52E-09	5.93E-09	3.69E-09	1.14E-09	4.83E-09	8.74E-10	2.91E-10	1.16E-09	6.81E-10	1.40E-10	8.21E-10
4542	624114.19	4264970.71	4.42E-09	1.52E-09	5.94E-09	3.69E-09	1.14E-09	4.83E-09	8.75E-10	2.91E-10	1.17E-09	6.82E-10	1.40E-10	8.22E-10
4543	624123.36	4264967.06	4.42E-09	1.52E-09	5.94E-09	3.69E-09	1.14E-09	4.83E-09	8.75E-10	2.91E-10	1.17E-09	6.82E-10	1.40E-10	8.22E-10
4544	624132.53	4264963.41	4.42E-09	1.52E-09	5.94E-09	3.69E-09	1.14E-09	4.83E-09	8.75E-10	2.91E-10	1.17E-09	6.82E-10	1.40E-10	8.22E-10
4545	624141.7	4264959.76	4.42E-09	1.52E-09	5.94E-09	3.69E-09	1.14E-09	4.83E-09	8.74E-10	2.91E-10	1.17E-09	6.82E-10	1.40E-10	8.22E-10
4546	624150.88	4264956.11	4.41E-09	1.52E-09	5.93E-09	3.69E-09	1.14E-09	4.82E-09	8.73E-10	2.91E-10	1.16E-09	6.81E-10	1.40E-10	8.21E-10
4547	624160.05	4264952.46	4.40E-09	1.51E-09	5.92E-09	3.68E-09	1.13E-09	4.81E-09	8.71E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.19E-10
4548	624169.22	4264948.81	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.69E-10	2.89E-10	1.16E-09	6.78E-10	1.39E-10	8.17E-10
4549	624178.4	4264945.16	4.38E-09	1.51E-09	5.89E-09	3.66E-09	1.13E-09	4.79E-09	8.68E-10	2.89E-10	1.16E-09	6.76E-10	1.39E-10	8.15E-10
4550	624187.57	4264941.51	4.37E-09	1.50E-09	5.88E-09	3.65E-09	1.13E-09	4.78E-09	8.66E-10	2.88E-10	1.15E-09	6.75E-10	1.39E-10	8.13E-10

4551	624196.74	4264937.86	4.36E-09	1.50E-09	5.86E-09	3.65E-09	1.12E-09	4.77E-09	8.64E-10	2.88E-10	1.15E-09	6.73E-10	1.38E-10	8.12E-10
4552	624205.91	4264934.21	4.36E-09	1.50E-09	5.85E-09	3.64E-09	1.12E-09	4.76E-09	8.62E-10	2.87E-10	1.15E-09	6.72E-10	1.38E-10	8.10E-10
4553	624215.09	4264930.56	4.35E-09	1.50E-09	5.84E-09	3.64E-09	1.12E-09	4.75E-09	8.61E-10	2.87E-10	1.15E-09	6.71E-10	1.38E-10	8.09E-10
4554	624224.26	4264926.91	4.34E-09	1.49E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.60E-10	2.86E-10	1.15E-09	6.70E-10	1.38E-10	8.08E-10
4555	624233.43	4264923.26	4.34E-09	1.49E-09	5.83E-09	3.63E-09	1.12E-09	4.75E-09	8.59E-10	2.86E-10	1.15E-09	6.70E-10	1.38E-10	8.08E-10
4556	624242.6	4264919.61	4.34E-09	1.49E-09	5.83E-09	3.63E-09	1.12E-09	4.75E-09	8.59E-10	2.86E-10	1.15E-09	6.70E-10	1.38E-10	8.08E-10
4557	624251.78	4264915.96	4.34E-09	1.49E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.59E-10	2.86E-10	1.15E-09	6.70E-10	1.38E-10	8.08E-10
4558	624260.95	4264912.31	4.35E-09	1.49E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.60E-10	2.86E-10	1.15E-09	6.71E-10	1.38E-10	8.08E-10
4559	624270.12	4264908.66	4.35E-09	1.50E-09	5.85E-09	3.64E-09	1.12E-09	4.76E-09	8.61E-10	2.87E-10	1.15E-09	6.71E-10	1.38E-10	8.09E-10
4560	624279.3	4264905.01	4.36E-09	1.50E-09	5.86E-09	3.64E-09	1.12E-09	4.76E-09	8.63E-10	2.87E-10	1.15E-09	6.72E-10	1.38E-10	8.11E-10
4561	624288.47	4264901.36	4.37E-09	1.50E-09	5.87E-09	3.65E-09	1.12E-09	4.77E-09	8.64E-10	2.88E-10	1.15E-09	6.74E-10	1.39E-10	8.13E-10
4562	624297.64	4264897.71	4.38E-09	1.51E-09	5.88E-09	3.66E-09	1.13E-09	4.79E-09	8.67E-10	2.88E-10	1.15E-09	6.76E-10	1.39E-10	8.14E-10
4563	624306.81	4264894.06	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.69E-10	2.89E-10	1.16E-09	6.77E-10	1.39E-10	8.17E-10
4564	624315.99	4264890.42	4.40E-09	1.51E-09	5.92E-09	3.68E-09	1.13E-09	4.81E-09	8.71E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.19E-10
4565	624325.16	4264886.77	4.42E-09	1.52E-09	5.94E-09	3.69E-09	1.14E-09	4.83E-09	8.74E-10	2.91E-10	1.17E-09	6.82E-10	1.40E-10	8.22E-10
4566	624334.33	4264883.12	4.43E-09	1.52E-09	5.96E-09	3.71E-09	1.14E-09	4.85E-09	8.78E-10	2.92E-10	1.17E-09	6.84E-10	1.41E-10	8.25E-10
4567	624343.5	4264879.47	4.45E-09	1.53E-09	5.98E-09	3.72E-09	1.15E-09	4.87E-09	8.81E-10	2.93E-10	1.17E-09	6.87E-10	1.41E-10	8.28E-10
4568	624352.68	4264875.82	4.47E-09	1.54E-09	6.00E-09	3.73E-09	1.15E-09	4.89E-09	8.84E-10	2.94E-10	1.18E-09	6.89E-10	1.42E-10	8.31E-10
4569	624361.85	4264872.17	4.48E-09	1.54E-09	6.03E-09	3.75E-09	1.15E-09	4.90E-09	8.87E-10	2.95E-10	1.18E-09	6.92E-10	1.42E-10	8.34E-10
4570	623666.41	4265176.66	3.03E-09	1.04E-09	4.08E-09	2.54E-09	7.81E-10	3.32E-09	6.00E-10	2.00E-10	8.00E-10	4.68E-10	9.63E-11	5.64E-10
4571	623670.31	4265167.62	3.02E-09	1.04E-09	4.06E-09	2.52E-09	7.77E-10	3.30E-09	5.97E-10	1.99E-10	7.96E-10	4.66E-10	9.58E-11	5.62E-10
4572	623674.2	4265158.59	3.00E-09	1.03E-09	4.04E-09	2.51E-09	7.73E-10	3.28E-09	5.94E-10	1.98E-10	7.92E-10	4.63E-10	9.53E-11	5.59E-10
4573	623678.1	4265149.56	2.99E-09	1.03E-09	4.02E-09	2.50E-09	7.70E-10	3.27E-09	5.92E-10	1.97E-10	7.89E-10	4.61E-10	9.49E-11	5.56E-10
4574	623681.99	4265140.52	2.98E-09	1.02E-09	4.00E-09	2.49E-09	7.66E-10	3.25E-09	5.89E-10	1.96E-10	7.85E-10	4.59E-10	9.44E-11	5.54E-10
4575	623685.88	4265131.49	2.96E-09	1.02E-09	3.98E-09	2.48E-09	7.63E-10	3.24E-09	5.86E-10	1.95E-10	7.81E-10	4.57E-10	9.40E-11	5.51E-10
4576	623689.78	4265122.46	2.95E-09	1.01E-09	3.96E-09	2.46E-09	7.59E-10	3.22E-09	5.84E-10	1.94E-10	7.78E-10	4.55E-10	9.36E-11	5.49E-10
4577	623693.67	4265113.43	2.94E-09	1.01E-09	3.95E-09	2.45E-09	7.56E-10	3.21E-09	5.81E-10	1.93E-10	7.75E-10	4.53E-10	9.32E-11	5.46E-10
4578	623697.57	4265104.39	2.93E-09	1.01E-09	3.93E-09	2.44E-09	7.53E-10	3.20E-09	5.79E-10	1.93E-10	7.72E-10	4.51E-10	9.28E-11	5.44E-10
4579	623701.46	4265095.36	2.91E-09	1.00E-09	3.92E-09	2.44E-09	7.50E-10	3.19E-09	5.77E-10	1.92E-10	7.69E-10	4.50E-10	9.25E-11	5.42E-10
4580	623705.35	4265086.33	2.90E-09	9.99E-10	3.90E-09	2.43E-09	7.48E-10	3.18E-09	5.75E-10	1.91E-10	7.66E-10	4.48E-10	9.22E-11	5.40E-10
4581	623709.25	4265077.29	2.90E-09	9.96E-10	3.89E-09	2.42E-09	7.45E-10	3.17E-09	5.73E-10	1.91E-10	7.64E-10	4.47E-10	9.19E-11	5.39E-10
4582	623713.14	4265068.26	2.89E-09	9.93E-10	3.88E-09	2.41E-09	7.43E-10	3.16E-09	5.72E-10	1.90E-10	7.62E-10	4.46E-10	9.16E-11	5.37E-10
4583	623717.04	4265059.23	2.88E-09	9.91E-10	3.87E-09	2.41E-09	7.42E-10	3.15E-09	5.70E-10	1.90E-10	7.60E-10	4.45E-10	9.14E-11	5.36E-10
4584	623720.93	4265050.19	2.88E-09	9.89E-10	3.86E-09	2.40E-09	7.40E-10	3.14E-09	5.69E-10	1.89E-10	7.59E-10	4.44E-10	9.13E-11	5.35E-10
4585	623724.82	4265041.16	2.87E-09	9.87E-10	3.86E-09	2.40E-09	7.39E-10	3.14E-09	5.68E-10	1.89E-10	7.57E-10	4.43E-10	9.11E-11	5.34E-10
4586	623728.72	4265032.13	2.87E-09	9.86E-10	3.85E-09	2.40E-09	7.38E-10	3.13E-09	5.67E-10	1.89E-10	7.56E-10	4.42E-10	9.10E-11	5.33E-10
4587	623741.75	4265019.46	2.89E-09	9.94E-10	3.89E-09	2.42E-09	7.44E-10	3.16E-09	5.72E-10	1.90E-10	7.63E-10	4.46E-10	9.17E-11	5.38E-10
4588	623750.89	4265015.82	2.92E-09	1.00E-09	3.92E-09	2.44E-09	7.52E-10	3.19E-09	5.78E-10	1.92E-10	7.70E-10	4.50E-10	9.26E-11	5.43E-10
4589	623760.03	4265012.18	2.95E-09	1.01E-09	3.96E-09	2.47E-09	7.59E-10	3.22E-09	5.84E-10	1.94E-10	7.78E-10	4.55E-10	9.36E-11	5.49E-10
4590	623769.17	4265008.55	2.98E-09	1.03E-09	4.01E-09	2.49E-09	7.67E-10	3.26E-09	5.90E-10	1.96E-10	7.86E-10	4.60E-10	9.46E-11	5.55E-10
4591	623778.31	4265004.91	3.01E-09	1.04E-09	4.05E-09	2.52E-09	7.76E-10	3.29E-09	5.96E-10	1.99E-10	7.95E-10	4.65E-10	9.56E-11	5.61E-10
4592	623787.45	4265001.27	3.05E-09	1.05E-09	4.09E-09	2.55E-09	7.84E-10	3.33E-09	6.03E-10	2.01E-10	8.04E-10	4.70E-10	9.67E-11	5.67E-10
4593	623796.59	4264997.64	3.08E-09	1.06E-09	4.14E-09	2.57E-09	7.93E-10	3.37E-09	6.09E-10	2.03E-10	8.12E-10	4.75E-10	9.77E-11	5.73E-10
4594	623805.73	4264994	3.11E-09	1.07E-09	4.18E-09	2.60E-09	8.01E-10	3.40E-09	6.16E-10	2.05E-10	8.21E-10	4.80E-10	9.87E-11	5.79E-10
4595	623814.87	4264990.36	3.14E-09	1.08E-09	4.23E-09	2.63E-09	8.10E-10	3.44E-09	6.22E-10	2.07E-10	8.30E-10	4.85E-10	9.98E-11	5.85E-10
4596	623824.01	4264986.73	3.18E-09	1.09E-09	4.27E-09	2.66E-09	8.18E-10	3.48E-09	6.29E-10	2.09E-10	8.39E-10	4.91E-10	1.01E-10	5.91E-10
4597	623833.15	4264983.09	3.21E-09	1.11E-09	4.32E-09	2.69E-09	8.27E-10	3.51E-09	6.36E-10	2.12E-10	8.48E-10	4.96E-10	1.02E-10	5.98E-10
4598	623842.29	4264979.45	3.25E-09	1.12E-09	4.37E-09	2.72E-09	8.36E-10	3.55E-09	6.43E-10	2.14E-10	8.57E-10	5.01E-10	1.03E-10	6.04E-10
4599	623851.43	4264975.82	3.28E-09	1.13E-09	4.41E-09	2.74E-09	8.45E-10	3.59E-09	6.50E-10	2.16E-10	8.66E-10	5.07E-10	1.04E-10	6.11E-10
4600	623860.57	4264972.18	3.32E-09	1.14E-09	4.46E-09	2.77E-09	8.54E-10	3.63E-09	6.57E-10	2.19E-10	8.75E-10	5.12E-10	1.05E-10	6.17E-10
4601	623869.71	4264968.54	3.35E-09	1.15E-09	4.51E-09	2.80E-09	8.63E-10	3.67E-09	6.64E-10	2.21E-10	8.85E-10	5.17E-10	1.06E-10	6.24E-10
4602	623878.85	4264964.91	3.39E-09	1.17E-09	4.55E-09	2.83E-09	8.73E-10	3.71E-09	6.71E-10	2.23E-10	8.94E-10	5.23E-10	1.08E-10	6.31E-10
4603	623887.99	4264961.27	3.42E-09	1.18E-09	4.60E-09	2.86E-09	8.82E-10	3.74E-09	6.78E-10	2.26E-10	9.03E-10	5.28E-10	1.09E-10	6.37E-10
4604	623897.13	4264957.63	3.46E-09	1.19E-09	4.65E-09	2.89E-09	8.91E-10	3.78E-09	6.85E-10	2.28E-10	9.13E-10	5.34E-10	1.10E-10	6.44E-10
4605	623906.27	4264954	3.49E-09	1.20E-09	4.70E-09	2.92E-09	9.00E-10	3.82E-09	6.92E-10	2.30E-10	9.22E-10	5.39E-10	1.11E-10	6.50E-10
4606	623915.41	4264950.36	3.53E-09	1.21E-09	4.74E-09	2.95E-09	9.08E-10	3.86E-09	6.98E-10	2.32E-10	9.31E-10	5.44E-10	1.12E-10	6.56E-10
4607	623924.55	4264946.72	3.56E-09	1.22E-09	4.79E-09	2.98E-09	9.17E-10	3.89E-09	7.05E-10	2.35E-10	9.40E-10	5.50E-10	1.13E-10	6.63E-10
4608	623933.69	4264943.09	3.60E-09	1.24E-09	4.83E-09	3.01E-09	9.26E-10	3.93E-09	7.12E-10	2.37E-10	9.49E-10	5.55E-10	1.14E-10	6.69E-10
4609	623942.83	4264939.45	3.63E-09	1.25E-09	4.88E-09	3.03E-09	9.34E-10	3.97E-09	7.18E-10	2.39E-10	9.58E-10	5.60E-10	1.15E-10	6.75E-10
4610	623951.97	4264935.81	3.66E-09	1.26E-09	4.92E-09	3.06E-09	9.43E-10	4.00E-09	7.25E-10	2.41E-10	9.66E-10	5.65E-10	1.16E-10	6.81E-10
4611	623961.11	4264932.18	3.70E-09	1.27E-09	4.97E-09	3.09E-09	9.51E-10	4.04E-09	7.31E-10	2.43E-10	9.75E-10	5.70E-10	1.17E-10	6.87E-10
4612	623970.25	4264928.54	3.73E-09	1.28E-09	5.01E-09	3.11E-09	9.59E-10	4.07E-09	7.37E-10	2.45E-10	9.83E-10	5.75E-10	1.18E-10	6.93E-10
4613	623979.39	4264924.9	3.75E-09	1.29E-09	5.04E-09	3.14E-09	9.66E-10	4.10E-09	7.43E-10	2.47E-10	9.90E-10	5.79E-10	1.19E-10	6.98E-10
4614	623988.53	4264921.27	3.78E-09	1.30E-09	5.08E-09	3.16E-09	9.73E-10	4.13E-09	7.48E-10	2.49E-10	9.97E-10	5.83E-10	1.20E-10	7.03E-10
4615	623997.67	4264917.63	3.80E-09	1.31E-09	5.11E-09	3.18E-09	9.79E-10	4.16E-09	7.53E-10	2.51E-10	1.00E-09	5.87E-10	1.21E-10	7.08E-10
4616	624006.81	4264913.99	3.83E-09	1.32E-09	5.14E-09	3.20E-09	9.85E-10	4.18E-09	7.57E-10	2.52E-10	1.01E-09	5.90E-10	1.21E-10	7.12E-10
4617	624015.95	4264910.36	3.85E-09	1.32E-09	5.17E-09	3.21E-09	9.90E-10	4.20E-09	7.61E-10	2.53E-10	1.01E-09	5.93E-10	1.22E-10	7.15E-10
4618	624025.09	4264906.72	3.86E-09	1.33E-09	5.19E-09	3.23E-09	9.95E-10	4.22E-09	7.65E-10	2.55E-10	1.02E-09	5.96E-10	1.23E-10	7.19E-10
4619	624034.23	4264903.08	3.88E-09	1.33E-09	5.21E-09	3.24E-09	9.99E-10	4.24E-09	7.68E-10	2.56E-10	1.02E-09	5.99E-10	1.23E-10	7.22E-10

4620	624043.37	4264899.45	3.89E-09	1.34E-09	5.23E-09	3.25E-09	1.00E-09	4.25E-09	7.70E-10	2.56E-10	1.03E-09	6.00E-10	1.24E-10	7.24E-10
4621	624052.51	4264895.81	3.90E-09	1.34E-09	5.24E-09	3.26E-09	1.00E-09	4.27E-09	7.72E-10	2.57E-10	1.03E-09	6.02E-10	1.24E-10	7.26E-10
4622	624061.65	4264892.17	3.91E-09	1.34E-09	5.25E-09	3.27E-09	1.01E-09	4.27E-09	7.74E-10	2.57E-10	1.03E-09	6.03E-10	1.24E-10	7.27E-10
4623	624070.79	4264888.54	3.91E-09	1.35E-09	5.26E-09	3.27E-09	1.01E-09	4.28E-09	7.74E-10	2.58E-10	1.03E-09	6.04E-10	1.24E-10	7.28E-10
4624	624079.93	4264884.9	3.91E-09	1.35E-09	5.26E-09	3.27E-09	1.01E-09	4.28E-09	7.74E-10	2.58E-10	1.03E-09	6.04E-10	1.24E-10	7.28E-10
4625	624089.07	4264881.26	3.91E-09	1.34E-09	5.25E-09	3.27E-09	1.01E-09	4.27E-09	7.74E-10	2.58E-10	1.03E-09	6.03E-10	1.24E-10	7.27E-10
4626	624098.21	4264877.63	3.91E-09	1.34E-09	5.25E-09	3.26E-09	1.01E-09	4.27E-09	7.73E-10	2.57E-10	1.03E-09	6.03E-10	1.24E-10	7.27E-10
4627	624107.35	4264873.99	3.90E-09	1.34E-09	5.24E-09	3.26E-09	1.00E-09	4.26E-09	7.72E-10	2.57E-10	1.03E-09	6.02E-10	1.24E-10	7.25E-10
4628	624116.49	4264870.35	3.89E-09	1.34E-09	5.23E-09	3.25E-09	1.00E-09	4.25E-09	7.70E-10	2.56E-10	1.03E-09	6.00E-10	1.23E-10	7.24E-10
4629	624125.63	4264866.72	3.88E-09	1.33E-09	5.22E-09	3.24E-09	9.99E-10	4.24E-09	7.68E-10	2.56E-10	1.02E-09	5.99E-10	1.23E-10	7.22E-10
4630	624134.77	4264863.08	3.87E-09	1.33E-09	5.20E-09	3.24E-09	9.97E-10	4.23E-09	7.66E-10	2.55E-10	1.02E-09	5.97E-10	1.23E-10	7.20E-10
4631	624143.91	4264859.44	3.86E-09	1.33E-09	5.19E-09	3.23E-09	9.94E-10	4.22E-09	7.64E-10	2.54E-10	1.02E-09	5.96E-10	1.23E-10	7.18E-10
4632	624153.05	4264855.81	3.85E-09	1.32E-09	5.17E-09	3.22E-09	9.91E-10	4.21E-09	7.62E-10	2.54E-10	1.02E-09	5.94E-10	1.22E-10	7.16E-10
4633	624162.19	4264852.17	3.84E-09	1.32E-09	5.15E-09	3.21E-09	9.87E-10	4.19E-09	7.59E-10	2.53E-10	1.01E-09	5.92E-10	1.22E-10	7.14E-10
4634	624171.33	4264848.53	3.82E-09	1.31E-09	5.14E-09	3.20E-09	9.84E-10	4.18E-09	7.57E-10	2.52E-10	1.01E-09	5.90E-10	1.21E-10	7.11E-10
4635	624180.47	4264844.9	3.81E-09	1.31E-09	5.12E-09	3.19E-09	9.81E-10	4.17E-09	7.54E-10	2.51E-10	1.01E-09	5.88E-10	1.21E-10	7.09E-10
4636	624189.61	4264841.26	3.80E-09	1.31E-09	5.11E-09	3.18E-09	9.79E-10	4.16E-09	7.52E-10	2.50E-10	1.00E-09	5.87E-10	1.21E-10	7.07E-10
4637	624198.75	4264837.62	3.79E-09	1.30E-09	5.10E-09	3.17E-09	9.76E-10	4.15E-09	7.51E-10	2.50E-10	1.00E-09	5.85E-10	1.20E-10	7.06E-10
4638	624207.89	4264833.99	3.79E-09	1.30E-09	5.09E-09	3.16E-09	9.75E-10	4.14E-09	7.49E-10	2.49E-10	9.99E-10	5.84E-10	1.20E-10	7.04E-10
4639	624217.03	4264830.35	3.78E-09	1.30E-09	5.08E-09	3.16E-09	9.73E-10	4.13E-09	7.48E-10	2.49E-10	9.97E-10	5.83E-10	1.20E-10	7.03E-10
4640	624226.17	4264826.71	3.78E-09	1.30E-09	5.08E-09	3.16E-09	9.72E-10	4.13E-09	7.48E-10	2.49E-10	9.96E-10	5.83E-10	1.20E-10	7.03E-10
4641	624235.31	4264823.08	3.78E-09	1.30E-09	5.07E-09	3.16E-09	9.72E-10	4.13E-09	7.47E-10	2.49E-10	9.96E-10	5.83E-10	1.20E-10	7.02E-10
4642	624244.45	4264819.44	3.78E-09	1.30E-09	5.07E-09	3.16E-09	9.72E-10	4.13E-09	7.47E-10	2.49E-10	9.96E-10	5.83E-10	1.20E-10	7.03E-10
4643	624253.59	4264815.8	3.78E-09	1.30E-09	5.08E-09	3.16E-09	9.73E-10	4.13E-09	7.48E-10	2.49E-10	9.97E-10	5.83E-10	1.20E-10	7.03E-10
4644	624262.73	4264812.17	3.78E-09	1.30E-09	5.08E-09	3.16E-09	9.74E-10	4.14E-09	7.49E-10	2.49E-10	9.98E-10	5.84E-10	1.20E-10	7.04E-10
4645	624271.87	4264808.53	3.79E-09	1.30E-09	5.09E-09	3.17E-09	9.75E-10	4.14E-09	7.50E-10	2.50E-10	9.99E-10	5.85E-10	1.20E-10	7.05E-10
4646	624281.01	4264804.89	3.80E-09	1.31E-09	5.10E-09	3.17E-09	9.77E-10	4.15E-09	7.51E-10	2.50E-10	1.00E-09	5.86E-10	1.20E-10	7.06E-10
4647	624290.15	4264801.26	3.80E-09	1.31E-09	5.11E-09	3.18E-09	9.79E-10	4.16E-09	7.53E-10	2.51E-10	1.00E-09	5.87E-10	1.21E-10	7.08E-10
4648	624299.29	4264797.62	3.81E-09	1.31E-09	5.13E-09	3.19E-09	9.82E-10	4.17E-09	7.55E-10	2.51E-10	1.01E-09	5.89E-10	1.21E-10	7.10E-10
4649	624308.43	4264793.98	3.82E-09	1.32E-09	5.14E-09	3.20E-09	9.85E-10	4.18E-09	7.57E-10	2.52E-10	1.01E-09	5.90E-10	1.21E-10	7.11E-10
4650	624317.57	4264790.35	3.84E-09	1.32E-09	5.16E-09	3.21E-09	9.88E-10	4.19E-09	7.59E-10	2.53E-10	1.01E-09	5.92E-10	1.22E-10	7.14E-10
4651	624326.71	4264786.71	3.85E-09	1.32E-09	5.17E-09	3.22E-09	9.91E-10	4.21E-09	7.62E-10	2.54E-10	1.02E-09	5.94E-10	1.22E-10	7.16E-10
4652	624335.85	4264783.07	3.86E-09	1.33E-09	5.19E-09	3.23E-09	9.94E-10	4.22E-09	7.64E-10	2.54E-10	1.02E-09	5.96E-10	1.23E-10	7.18E-10
4653	624344.99	4264779.44	3.87E-09	1.33E-09	5.21E-09	3.24E-09	9.98E-10	4.24E-09	7.67E-10	2.55E-10	1.02E-09	5.98E-10	1.23E-10	7.21E-10
4654	624354.13	4264775.8	3.89E-09	1.34E-09	5.23E-09	3.25E-09	1.00E-09	4.25E-09	7.70E-10	2.56E-10	1.03E-09	6.00E-10	1.23E-10	7.24E-10
4655	624363.27	4264772.16	3.90E-09	1.34E-09	5.25E-09	3.26E-09	1.01E-09	4.27E-09	7.73E-10	2.57E-10	1.03E-09	6.02E-10	1.24E-10	7.26E-10
4656	623690.25	4264940.51	2.59E-09	8.91E-10	3.48E-09	2.17E-09	6.67E-10	2.83E-09	5.13E-10	1.71E-10	6.84E-10	4.00E-10	8.22E-11	4.82E-10
4657	623699.37	4264936.88	2.62E-09	9.00E-10	3.52E-09	2.19E-09	6.74E-10	2.86E-09	5.18E-10	1.72E-10	6.90E-10	4.04E-10	8.30E-11	4.87E-10
4658	623708.48	4264933.26	2.64E-09	9.09E-10	3.55E-09	2.21E-09	6.80E-10	2.89E-09	5.23E-10	1.74E-10	6.97E-10	4.08E-10	8.39E-11	4.92E-10
4659	623717.59	4264929.63	2.67E-09	9.18E-10	3.59E-09	2.23E-09	6.87E-10	2.92E-09	5.28E-10	1.76E-10	7.04E-10	4.12E-10	8.47E-11	4.97E-10
4660	623726.71	4264926	2.70E-09	9.27E-10	3.62E-09	2.25E-09	6.94E-10	2.95E-09	5.34E-10	1.78E-10	7.11E-10	4.16E-10	8.56E-11	5.02E-10
4661	623735.82	4264922.38	2.72E-09	9.37E-10	3.66E-09	2.28E-09	7.01E-10	2.98E-09	5.39E-10	1.79E-10	7.19E-10	4.20E-10	8.65E-11	5.07E-10
4662	623744.94	4264918.75	2.75E-09	9.46E-10	3.70E-09	2.30E-09	7.09E-10	3.01E-09	5.45E-10	1.81E-10	7.26E-10	4.25E-10	8.73E-11	5.12E-10
4663	623754.05	4264915.12	2.78E-09	9.56E-10	3.74E-09	2.32E-09	7.16E-10	3.04E-09	5.51E-10	1.83E-10	7.34E-10	4.29E-10	8.83E-11	5.17E-10
4664	623763.16	4264911.5	2.81E-09	9.67E-10	3.78E-09	2.35E-09	7.24E-10	3.07E-09	5.57E-10	1.85E-10	7.42E-10	4.34E-10	8.92E-11	5.23E-10
4665	623772.28	4264907.87	2.84E-09	9.78E-10	3.82E-09	2.38E-09	7.32E-10	3.11E-09	5.63E-10	1.87E-10	7.50E-10	4.39E-10	9.02E-11	5.29E-10
4666	623781.39	4264904.25	2.87E-09	9.88E-10	3.86E-09	2.40E-09	7.40E-10	3.14E-09	5.69E-10	1.89E-10	7.58E-10	4.43E-10	9.12E-11	5.35E-10
4667	623790.51	4264900.62	2.90E-09	9.99E-10	3.90E-09	2.43E-09	7.48E-10	3.17E-09	5.75E-10	1.91E-10	7.66E-10	4.48E-10	9.22E-11	5.40E-10
4668	623799.62	4264896.99	2.93E-09	1.01E-09	3.94E-09	2.45E-09	7.55E-10	3.21E-09	5.81E-10	1.93E-10	7.74E-10	4.53E-10	9.31E-11	5.46E-10
4669	623808.73	4264893.37	2.96E-09	1.02E-09	3.98E-09	2.48E-09	7.63E-10	3.24E-09	5.87E-10	1.95E-10	7.82E-10	4.57E-10	9.41E-11	5.51E-10
4670	623817.85	4264889.74	2.99E-09	1.03E-09	4.02E-09	2.50E-09	7.71E-10	3.27E-09	5.93E-10	1.97E-10	7.90E-10	4.62E-10	9.50E-11	5.57E-10
4671	623826.96	4264886.11	3.02E-09	1.04E-09	4.06E-09	2.53E-09	7.78E-10	3.31E-09	5.98E-10	1.99E-10	7.98E-10	4.67E-10	9.59E-11	5.62E-10
4672	623836.08	4264882.49	3.05E-09	1.05E-09	4.10E-09	2.55E-09	7.86E-10	3.34E-09	6.04E-10	2.01E-10	8.05E-10	4.71E-10	9.69E-11	5.68E-10
4673	623845.19	4264878.86	3.08E-09	1.06E-09	4.14E-09	2.58E-09	7.94E-10	3.37E-09	6.10E-10	2.03E-10	8.13E-10	4.76E-10	9.78E-11	5.74E-10
4674	623854.3	4264875.24	3.11E-09	1.07E-09	4.18E-09	2.60E-09	8.01E-10	3.40E-09	6.16E-10	2.05E-10	8.21E-10	4.80E-10	9.88E-11	5.79E-10
4675	623863.42	4264871.61	3.14E-09	1.08E-09	4.22E-09	2.62E-09	8.09E-10	3.43E-09	6.22E-10	2.07E-10	8.29E-10	4.85E-10	9.97E-11	5.84E-10
4676	623872.53	4264867.98	3.17E-09	1.09E-09	4.26E-09	2.65E-09	8.16E-10	3.46E-09	6.27E-10	2.09E-10	8.36E-10	4.89E-10	1.01E-10	5.90E-10
4677	623881.64	4264864.36	3.20E-09	1.10E-09	4.30E-09	2.67E-09	8.23E-10	3.50E-09	6.33E-10	2.11E-10	8.43E-10	4.93E-10	1.01E-10	5.95E-10
4678	623890.76	4264860.73	3.22E-09	1.11E-09	4.33E-09	2.70E-09	8.30E-10	3.53E-09	6.38E-10	2.12E-10	8.51E-10	4.98E-10	1.02E-10	6.00E-10
4679	623899.87	4264857.1	3.25E-09	1.12E-09	4.37E-09	2.72E-09	8.37E-10	3.55E-09	6.43E-10	2.14E-10	8.58E-10	5.02E-10	1.03E-10	6.05E-10
4680	623908.99	4264853.48	3.28E-09	1.13E-09	4.40E-09	2.74E-09	8.44E-10	3.58E-09	6.49E-10	2.16E-10	8.65E-10	5.06E-10	1.04E-10	6.10E-10
4681	623918.1	4264849.85	3.30E-09	1.14E-09	4.44E-09	2.76E-09	8.50E-10	3.61E-09	6.54E-10	2.18E-10	8.71E-10	5.10E-10	1.05E-10	6.14E-10
4682	623927.21	4264846.22	3.33E-09	1.14E-09	4.47E-09	2.78E-09	8.56E-10	3.64E-09	6.58E-10	2.19E-10	8.78E-10	5.13E-10	1.06E-10	6.19E-10
4683	623936.33	4264842.6	3.35E-09	1.15E-09	4.50E-09	2.80E-09	8.63E-10	3.66E-09	6.63E-10	2.21E-10	8.84E-10	5.17E-10	1.06E-10	6.23E-10
4684	623945.44	4264838.97	3.37E-09	1.16E-09	4.53E-09	2.82E-09	8.69E-10	3.69E-09	6.68E-10	2.22E-10	8.90E-10	5.21E-10	1.07E-10	6.28E-10
4685	623954.56	4264835.35	3.40E-09	1.17E-09	4.56E-09	2.84E-09	8.75E-10	3.71E-09	6.72E-10	2.24E-10	8.96E-10	5.24E-10	1.08E-10	6.32E-10
4686	623963.67	4264831.72	3.42E-09	1.18E-09	4.59E-09	2.86E-09	8.80E-10	3.74E-09	6.76E-10	2.25E-10	9.02E-10	5.27E-10	1.08E-10	6.36E-10
4687	623972.78	4264828.09	3.43E-09	1.18E-09	4.62E-09	2.87E-09	8.84E-10	3.76E-09	6.80E-10	2.26E-10	9.06E-10	5.30E-10	1.09E-10	6.39E-10
4688	623981.9	4264824.47	3.45E-09	1.19E-09	4.64E-09	2.88E-09	8.88E-10	3.77E-09	6.83E-10	2.27E-10	9.10E-10	5.32E-10	1.10E-10	6.42E-10

4689	623991.01	4264820.84	3.46E-09	1.19E-09	4.66E-09	2.90E-09	8.92E-10	3.79E-09	6.86E-10	2.28E-10	9.14E-10	5.35E-10	1.10E-10	6.45E-10
4690	624000.13	4264817.21	3.48E-09	1.20E-09	4.67E-09	2.91E-09	8.95E-10	3.80E-09	6.88E-10	2.29E-10	9.17E-10	5.36E-10	1.10E-10	6.47E-10
4691	624009.24	4264813.59	3.49E-09	1.20E-09	4.68E-09	2.91E-09	8.97E-10	3.81E-09	6.90E-10	2.30E-10	9.19E-10	5.38E-10	1.11E-10	6.48E-10
4692	624018.35	4264809.96	3.49E-09	1.20E-09	4.69E-09	2.92E-09	8.99E-10	3.82E-09	6.91E-10	2.30E-10	9.21E-10	5.39E-10	1.11E-10	6.50E-10
4693	624027.47	4264806.34	3.50E-09	1.20E-09	4.70E-09	2.92E-09	9.00E-10	3.82E-09	6.92E-10	2.30E-10	9.22E-10	5.40E-10	1.11E-10	6.50E-10
4694	624036.58	4264802.71	3.50E-09	1.20E-09	4.70E-09	2.92E-09	9.01E-10	3.82E-09	6.92E-10	2.30E-10	9.23E-10	5.40E-10	1.11E-10	6.51E-10
4695	624045.69	4264799.08	3.50E-09	1.20E-09	4.70E-09	2.92E-09	9.00E-10	3.82E-09	6.92E-10	2.30E-10	9.23E-10	5.40E-10	1.11E-10	6.51E-10
4696	624054.81	4264795.46	3.49E-09	1.20E-09	4.70E-09	2.92E-09	9.00E-10	3.82E-09	6.92E-10	2.30E-10	9.22E-10	5.39E-10	1.11E-10	6.50E-10
4697	624063.92	4264791.83	3.49E-09	1.20E-09	4.69E-09	2.92E-09	8.98E-10	3.81E-09	6.91E-10	2.30E-10	9.20E-10	5.38E-10	1.11E-10	6.49E-10
4698	624073.04	4264788.2	3.48E-09	1.20E-09	4.68E-09	2.91E-09	8.96E-10	3.81E-09	6.89E-10	2.29E-10	9.18E-10	5.37E-10	1.10E-10	6.48E-10
4699	624082.15	4264784.58	3.47E-09	1.19E-09	4.67E-09	2.90E-09	8.94E-10	3.80E-09	6.87E-10	2.29E-10	9.16E-10	5.36E-10	1.10E-10	6.46E-10
4700	624091.26	4264780.95	3.46E-09	1.19E-09	4.65E-09	2.89E-09	8.91E-10	3.78E-09	6.85E-10	2.28E-10	9.13E-10	5.34E-10	1.10E-10	6.44E-10
4701	624100.38	4264777.33	3.45E-09	1.19E-09	4.63E-09	2.88E-09	8.88E-10	3.77E-09	6.82E-10	2.27E-10	9.10E-10	5.32E-10	1.09E-10	6.41E-10
4702	624109.49	4264773.7	3.43E-09	1.18E-09	4.62E-09	2.87E-09	8.84E-10	3.75E-09	6.80E-10	2.26E-10	9.06E-10	5.30E-10	1.09E-10	6.39E-10
4703	624118.61	4264770.07	3.42E-09	1.18E-09	4.60E-09	2.86E-09	8.81E-10	3.74E-09	6.77E-10	2.25E-10	9.03E-10	5.28E-10	1.09E-10	6.37E-10
4704	624127.72	4264766.45	3.41E-09	1.17E-09	4.58E-09	2.85E-09	8.78E-10	3.73E-09	6.75E-10	2.25E-10	8.99E-10	5.26E-10	1.08E-10	6.34E-10
4705	624136.83	4264762.82	3.40E-09	1.17E-09	4.56E-09	2.84E-09	8.74E-10	3.71E-09	6.72E-10	2.24E-10	8.96E-10	5.24E-10	1.08E-10	6.32E-10
4706	624145.95	4264759.19	3.38E-09	1.16E-09	4.55E-09	2.83E-09	8.71E-10	3.70E-09	6.70E-10	2.23E-10	8.93E-10	5.22E-10	1.07E-10	6.30E-10
4707	624155.06	4264755.57	3.37E-09	1.16E-09	4.53E-09	2.82E-09	8.68E-10	3.69E-09	6.67E-10	2.22E-10	8.89E-10	5.20E-10	1.07E-10	6.27E-10
4708	624164.18	4264751.94	3.36E-09	1.15E-09	4.51E-09	2.81E-09	8.65E-10	3.67E-09	6.65E-10	2.21E-10	8.86E-10	5.18E-10	1.07E-10	6.25E-10
4709	624173.29	4264748.31	3.35E-09	1.15E-09	4.50E-09	2.80E-09	8.62E-10	3.66E-09	6.63E-10	2.21E-10	8.83E-10	5.17E-10	1.06E-10	6.23E-10
4710	624182.4	4264744.69	3.34E-09	1.15E-09	4.49E-09	2.79E-09	8.60E-10	3.65E-09	6.61E-10	2.20E-10	8.81E-10	5.15E-10	1.06E-10	6.21E-10
4711	624191.52	4264741.06	3.33E-09	1.15E-09	4.48E-09	2.78E-09	8.57E-10	3.64E-09	6.59E-10	2.19E-10	8.79E-10	5.14E-10	1.06E-10	6.20E-10
4712	624200.63	4264737.44	3.32E-09	1.14E-09	4.47E-09	2.78E-09	8.56E-10	3.63E-09	6.58E-10	2.19E-10	8.77E-10	5.13E-10	1.05E-10	6.18E-10
4713	624209.74	4264733.81	3.32E-09	1.14E-09	4.46E-09	2.77E-09	8.55E-10	3.63E-09	6.57E-10	2.19E-10	8.76E-10	5.12E-10	1.05E-10	6.18E-10
4714	624218.86	4264730.18	3.32E-09	1.14E-09	4.46E-09	2.77E-09	8.54E-10	3.63E-09	6.57E-10	2.19E-10	8.75E-10	5.12E-10	1.05E-10	6.17E-10
4715	624227.97	4264726.56	3.32E-09	1.14E-09	4.46E-09	2.77E-09	8.54E-10	3.63E-09	6.56E-10	2.18E-10	8.75E-10	5.12E-10	1.05E-10	6.17E-10
4716	624237.09	4264722.93	3.32E-09	1.14E-09	4.46E-09	2.77E-09	8.54E-10	3.63E-09	6.56E-10	2.19E-10	8.75E-10	5.12E-10	1.05E-10	6.17E-10
4717	624246.2	4264719.3	3.32E-09	1.14E-09	4.46E-09	2.77E-09	8.54E-10	3.63E-09	6.57E-10	2.19E-10	8.76E-10	5.12E-10	1.05E-10	6.17E-10
4718	624255.31	4264715.68	3.32E-09	1.14E-09	4.47E-09	2.78E-09	8.55E-10	3.63E-09	6.58E-10	2.19E-10	8.77E-10	5.13E-10	1.05E-10	6.18E-10
4719	624264.43	4264712.05	3.33E-09	1.14E-09	4.47E-09	2.78E-09	8.57E-10	3.64E-09	6.59E-10	2.19E-10	8.78E-10	5.13E-10	1.06E-10	6.19E-10
4720	624273.54	4264708.43	3.33E-09	1.15E-09	4.48E-09	2.79E-09	8.58E-10	3.64E-09	6.60E-10	2.20E-10	8.79E-10	5.14E-10	1.06E-10	6.20E-10
4721	624282.66	4264704.8	3.34E-09	1.15E-09	4.49E-09	2.79E-09	8.60E-10	3.65E-09	6.61E-10	2.20E-10	8.81E-10	5.16E-10	1.06E-10	6.22E-10
4722	624291.77	4264701.17	3.35E-09	1.15E-09	4.50E-09	2.80E-09	8.62E-10	3.66E-09	6.63E-10	2.21E-10	8.84E-10	5.17E-10	1.06E-10	6.23E-10
4723	624300.88	4264697.55	3.36E-09	1.16E-09	4.52E-09	2.81E-09	8.65E-10	3.67E-09	6.65E-10	2.21E-10	8.86E-10	5.18E-10	1.07E-10	6.25E-10
4724	624310	4264693.92	3.37E-09	1.16E-09	4.53E-09	2.82E-09	8.68E-10	3.69E-09	6.67E-10	2.22E-10	8.89E-10	5.20E-10	1.07E-10	6.27E-10
4725	624319.11	4264690.29	3.38E-09	1.16E-09	4.55E-09	2.83E-09	8.71E-10	3.70E-09	6.70E-10	2.23E-10	8.93E-10	5.22E-10	1.07E-10	6.30E-10
4726	624328.23	4264686.67	3.40E-09	1.17E-09	4.56E-09	2.84E-09	8.74E-10	3.71E-09	6.72E-10	2.24E-10	8.96E-10	5.24E-10	1.08E-10	6.32E-10
4727	624337.34	4264683.04	3.41E-09	1.17E-09	4.58E-09	2.85E-09	8.77E-10	3.73E-09	6.74E-10	2.24E-10	8.99E-10	5.26E-10	1.08E-10	6.34E-10
4728	624346.45	4264679.42	3.42E-09	1.18E-09	4.60E-09	2.86E-09	8.80E-10	3.74E-09	6.77E-10	2.25E-10	9.02E-10	5.28E-10	1.09E-10	6.36E-10
4729	624355.57	4264675.79	3.43E-09	1.18E-09	4.61E-09	2.87E-09	8.84E-10	3.75E-09	6.79E-10	2.26E-10	9.05E-10	5.30E-10	1.09E-10	6.38E-10
4730	624364.68	4264672.16	3.44E-09	1.18E-09	4.63E-09	2.88E-09	8.87E-10	3.77E-09	6.82E-10	2.27E-10	9.09E-10	5.32E-10	1.09E-10	6.41E-10
4731	623702.32	4264836.27	2.51E-09	8.64E-10	3.38E-09	2.10E-09	6.47E-10	2.75E-09	4.97E-10	1.66E-10	6.63E-10	3.88E-10	7.98E-11	4.68E-10
4732	623711.41	4264832.65	2.54E-09	8.73E-10	3.41E-09	2.12E-09	6.54E-10	2.78E-09	5.03E-10	1.67E-10	6.70E-10	3.92E-10	8.06E-11	4.72E-10
4733	623720.51	4264829.03	2.56E-09	8.82E-10	3.45E-09	2.14E-09	6.60E-10	2.80E-09	5.08E-10	1.69E-10	6.76E-10	3.96E-10	8.14E-11	4.77E-10
4734	623729.6	4264825.41	2.59E-09	8.91E-10	3.48E-09	2.16E-09	6.67E-10	2.83E-09	5.13E-10	1.71E-10	6.83E-10	4.00E-10	8.22E-11	4.82E-10
4735	623738.69	4264821.8	2.62E-09	8.99E-10	3.52E-09	2.19E-09	6.73E-10	2.86E-09	5.18E-10	1.72E-10	6.90E-10	4.04E-10	8.30E-11	4.87E-10
4736	623747.78	4264818.18	2.64E-09	9.08E-10	3.55E-09	2.21E-09	6.80E-10	2.89E-09	5.23E-10	1.74E-10	6.97E-10	4.08E-10	8.38E-11	4.91E-10
4737	623756.88	4264814.56	2.67E-09	9.17E-10	3.58E-09	2.23E-09	6.87E-10	2.92E-09	5.28E-10	1.76E-10	7.04E-10	4.12E-10	8.46E-11	4.96E-10
4738	623765.97	4264810.94	2.69E-09	9.26E-10	3.62E-09	2.25E-09	6.94E-10	2.95E-09	5.33E-10	1.77E-10	7.11E-10	4.16E-10	8.55E-11	5.01E-10
4739	623775.06	4264807.32	2.72E-09	9.36E-10	3.66E-09	2.27E-09	7.00E-10	2.97E-09	5.38E-10	1.79E-10	7.18E-10	4.20E-10	8.63E-11	5.06E-10
4740	623784.16	4264803.71	2.75E-09	9.45E-10	3.69E-09	2.30E-09	7.07E-10	3.00E-09	5.44E-10	1.81E-10	7.25E-10	4.24E-10	8.72E-11	5.11E-10
4741	623793.25	4264800.09	2.77E-09	9.53E-10	3.73E-09	2.32E-09	7.14E-10	3.03E-09	5.49E-10	1.83E-10	7.31E-10	4.28E-10	8.80E-11	5.16E-10
4742	623802.34	4264796.47	2.80E-09	9.62E-10	3.76E-09	2.34E-09	7.20E-10	3.06E-09	5.54E-10	1.84E-10	7.38E-10	4.32E-10	8.87E-11	5.20E-10
4743	623811.43	4264792.85	2.82E-09	9.70E-10	3.79E-09	2.36E-09	7.26E-10	3.08E-09	5.58E-10	1.86E-10	7.44E-10	4.35E-10	8.95E-11	5.25E-10
4744	623820.53	4264789.24	2.85E-09	9.78E-10	3.82E-09	2.38E-09	7.32E-10	3.11E-09	5.63E-10	1.87E-10	7.51E-10	4.39E-10	9.03E-11	5.29E-10
4745	623829.62	4264785.62	2.87E-09	9.86E-10	3.85E-09	2.40E-09	7.39E-10	3.14E-09	5.68E-10	1.89E-10	7.57E-10	4.43E-10	9.10E-11	5.34E-10
4746	623838.71	4264782	2.89E-09	9.94E-10	3.89E-09	2.42E-09	7.44E-10	3.16E-09	5.72E-10	1.91E-10	7.63E-10	4.46E-10	9.18E-11	5.38E-10
4747	623847.8	4264778.38	2.91E-09	1.00E-09	3.92E-09	2.44E-09	7.50E-10	3.19E-09	5.77E-10	1.92E-10	7.69E-10	4.50E-10	9.25E-11	5.42E-10
4748	623856.9	4264774.76	2.94E-09	1.01E-09	3.95E-09	2.45E-09	7.56E-10	3.21E-09	5.81E-10	1.93E-10	7.75E-10	4.53E-10	9.32E-11	5.46E-10
4749	623865.99	4264771.15	2.96E-09	1.02E-09	3.98E-09	2.47E-09	7.62E-10	3.23E-09	5.86E-10	1.95E-10	7.80E-10	4.56E-10	9.39E-11	5.50E-10
4750	623875.08	4264767.53	2.98E-09	1.02E-09	4.00E-09	2.49E-09	7.67E-10	3.26E-09	5.90E-10	1.96E-10	7.86E-10	4.60E-10	9.45E-11	5.54E-10
4751	623884.18	4264763.91	3.00E-09	1.03E-09	4.03E-09	2.51E-09	7.72E-10	3.28E-09	5.94E-10	1.98E-10	7.91E-10	4.63E-10	9.52E-11	5.58E-10
4752	623893.27	4264760.29	3.02E-09	1.04E-09	4.06E-09	2.52E-09	7.77E-10	3.30E-09	5.98E-10	1.99E-10	7.96E-10	4.66E-10	9.58E-11	5.62E-10
4753	623902.36	4264756.67	3.04E-09	1.04E-09	4.08E-09	2.54E-09	7.82E-10	3.32E-09	6.01E-10	2.00E-10	8.01E-10	4.69E-10	9.64E-11	5.65E-10
4754	623911.45	4264753.06	3.05E-09	1.05E-09	4.11E-09	2.55E-09	7.87E-10	3.34E-09	6.05E-10	2.01E-10	8.06E-10	4.71E-10	9.70E-11	5.68E-10
4755	623920.55	4264749.44	3.07E-09	1.06E-09	4.13E-09	2.57E-09	7.91E-10	3.36E-09	6.08E-10	2.02E-10	8.10E-10	4.74E-10	9.75E-11	5.71E-10
4756	623929.64	4264745.82	3.09E-09	1.06E-09	4.15E-09	2.58E-09	7.95E-10	3.37E-09	6.11E-10	2.03E-10	8.14E-10	4.76E-10	9.79E-11	5.74E-10
4757	623938.73	4264742.2	3.10E-09	1.07E-09	4.17E-09	2.59E-09	7.98E-10	3.39E-09	6.14E-10	2.04E-10	8.18E-10	4.79E-10	9.84E-11	5.77E-10

4758	623947.82	4264738.59	3.12E-09	1.07E-09	4.19E-09	2.60E-09	8.02E-10	3.41E-09	6.17E-10	2.05E-10	8.22E-10	4.81E-10	9.89E-11	5.80E-10
4759	623956.92	4264734.97	3.13E-09	1.08E-09	4.20E-09	2.61E-09	8.05E-10	3.42E-09	6.19E-10	2.06E-10	8.25E-10	4.83E-10	9.93E-11	5.82E-10
4760	623966.01	4264731.35	3.14E-09	1.08E-09	4.22E-09	2.62E-09	8.08E-10	3.43E-09	6.21E-10	2.07E-10	8.28E-10	4.84E-10	9.96E-11	5.84E-10
4761	623975.1	4264727.73	3.14E-09	1.08E-09	4.23E-09	2.63E-09	8.10E-10	3.44E-09	6.22E-10	2.07E-10	8.30E-10	4.85E-10	9.98E-11	5.85E-10
4762	623984.2	4264724.11	3.15E-09	1.08E-09	4.23E-09	2.63E-09	8.11E-10	3.44E-09	6.23E-10	2.08E-10	8.31E-10	4.86E-10	1.00E-10	5.86E-10
4763	623993.29	4264720.5	3.15E-09	1.08E-09	4.24E-09	2.63E-09	8.12E-10	3.45E-09	6.24E-10	2.08E-10	8.32E-10	4.86E-10	1.00E-10	5.86E-10
4764	624002.38	4264716.88	3.15E-09	1.08E-09	4.24E-09	2.64E-09	8.12E-10	3.45E-09	6.24E-10	2.08E-10	8.32E-10	4.86E-10	1.00E-10	5.87E-10
4765	624011.47	4264713.26	3.15E-09	1.08E-09	4.23E-09	2.63E-09	8.11E-10	3.45E-09	6.24E-10	2.08E-10	8.31E-10	4.86E-10	1.00E-10	5.86E-10
4766	624020.57	4264709.64	3.15E-09	1.08E-09	4.23E-09	2.63E-09	8.10E-10	3.44E-09	6.23E-10	2.07E-10	8.31E-10	4.86E-10	9.99E-11	5.86E-10
4767	624029.66	4264706.02	3.14E-09	1.08E-09	4.22E-09	2.63E-09	8.09E-10	3.44E-09	6.22E-10	2.07E-10	8.29E-10	4.85E-10	9.97E-11	5.85E-10
4768	624038.75	4264702.41	3.13E-09	1.08E-09	4.21E-09	2.62E-09	8.07E-10	3.43E-09	6.20E-10	2.07E-10	8.27E-10	4.84E-10	9.95E-11	5.83E-10
4769	624047.84	4264698.79	3.13E-09	1.07E-09	4.20E-09	2.61E-09	8.05E-10	3.42E-09	6.19E-10	2.06E-10	8.25E-10	4.82E-10	9.92E-11	5.81E-10
4770	624056.94	4264695.17	3.11E-09	1.07E-09	4.19E-09	2.60E-09	8.02E-10	3.41E-09	6.16E-10	2.05E-10	8.22E-10	4.81E-10	9.88E-11	5.79E-10
4771	624066.03	4264691.55	3.10E-09	1.07E-09	4.17E-09	2.59E-09	7.99E-10	3.39E-09	6.14E-10	2.04E-10	8.18E-10	4.79E-10	9.85E-11	5.77E-10
4772	624075.12	4264687.94	3.09E-09	1.06E-09	4.15E-09	2.58E-09	7.95E-10	3.38E-09	6.11E-10	2.04E-10	8.15E-10	4.77E-10	9.80E-11	5.75E-10
4773	624084.22	4264684.32	3.08E-09	1.06E-09	4.13E-09	2.57E-09	7.92E-10	3.36E-09	6.09E-10	2.03E-10	8.11E-10	4.75E-10	9.76E-11	5.72E-10
4774	624093.31	4264680.7	3.06E-09	1.05E-09	4.11E-09	2.56E-09	7.88E-10	3.35E-09	6.06E-10	2.02E-10	8.08E-10	4.72E-10	9.72E-11	5.70E-10
4775	624102.4	4264677.08	3.05E-09	1.05E-09	4.10E-09	2.55E-09	7.85E-10	3.33E-09	6.03E-10	2.01E-10	8.04E-10	4.70E-10	9.67E-11	5.67E-10
4776	624111.49	4264673.46	3.03E-09	1.04E-09	4.08E-09	2.54E-09	7.81E-10	3.32E-09	6.01E-10	2.00E-10	8.01E-10	4.68E-10	9.63E-11	5.65E-10
4777	624120.59	4264669.85	3.02E-09	1.04E-09	4.06E-09	2.53E-09	7.78E-10	3.30E-09	5.98E-10	1.99E-10	7.97E-10	4.66E-10	9.59E-11	5.62E-10
4778	624129.68	4264666.23	3.01E-09	1.03E-09	4.04E-09	2.51E-09	7.74E-10	3.29E-09	5.95E-10	1.98E-10	7.94E-10	4.64E-10	9.55E-11	5.60E-10
4779	624138.77	4264662.61	3.00E-09	1.03E-09	4.03E-09	2.50E-09	7.71E-10	3.27E-09	5.93E-10	1.97E-10	7.90E-10	4.62E-10	9.51E-11	5.57E-10
4780	624147.86	4264658.99	2.98E-09	1.03E-09	4.01E-09	2.49E-09	7.68E-10	3.26E-09	5.91E-10	1.97E-10	7.87E-10	4.60E-10	9.47E-11	5.55E-10
4781	624156.96	4264655.37	2.97E-09	1.02E-09	3.99E-09	2.48E-09	7.65E-10	3.25E-09	5.88E-10	1.96E-10	7.84E-10	4.59E-10	9.43E-11	5.53E-10
4782	624166.05	4264651.76	2.96E-09	1.02E-09	3.98E-09	2.48E-09	7.63E-10	3.24E-09	5.87E-10	1.95E-10	7.82E-10	4.57E-10	9.40E-11	5.51E-10
4783	624175.14	4264648.14	2.96E-09	1.02E-09	3.97E-09	2.47E-09	7.61E-10	3.23E-09	5.85E-10	1.95E-10	7.80E-10	4.56E-10	9.38E-11	5.50E-10
4784	624184.23	4264644.52	2.95E-09	1.01E-09	3.96E-09	2.46E-09	7.59E-10	3.22E-09	5.84E-10	1.94E-10	7.78E-10	4.55E-10	9.36E-11	5.49E-10
4785	624193.33	4264640.9	2.94E-09	1.01E-09	3.96E-09	2.46E-09	7.58E-10	3.22E-09	5.83E-10	1.94E-10	7.77E-10	4.54E-10	9.34E-11	5.48E-10
4786	624202.42	4264637.29	2.94E-09	1.01E-09	3.95E-09	2.46E-09	7.57E-10	3.21E-09	5.82E-10	1.94E-10	7.76E-10	4.54E-10	9.33E-11	5.47E-10
4787	624211.51	4264633.67	2.94E-09	1.01E-09	3.95E-09	2.46E-09	7.57E-10	3.21E-09	5.82E-10	1.94E-10	7.75E-10	4.53E-10	9.33E-11	5.47E-10
4788	624220.61	4264630.05	2.94E-09	1.01E-09	3.95E-09	2.46E-09	7.56E-10	3.21E-09	5.81E-10	1.94E-10	7.75E-10	4.53E-10	9.32E-11	5.47E-10
4789	624229.7	4264626.43	2.94E-09	1.01E-09	3.95E-09	2.46E-09	7.57E-10	3.21E-09	5.82E-10	1.94E-10	7.75E-10	4.53E-10	9.33E-11	5.47E-10
4790	624238.79	4264622.81	2.94E-09	1.01E-09	3.95E-09	2.46E-09	7.57E-10	3.22E-09	5.82E-10	1.94E-10	7.76E-10	4.54E-10	9.33E-11	5.47E-10
4791	624247.88	4264619.2	2.94E-09	1.01E-09	3.96E-09	2.46E-09	7.58E-10	3.22E-09	5.83E-10	1.94E-10	7.77E-10	4.54E-10	9.34E-11	5.48E-10
4792	624256.98	4264615.58	2.95E-09	1.01E-09	3.96E-09	2.47E-09	7.59E-10	3.22E-09	5.84E-10	1.94E-10	7.78E-10	4.55E-10	9.36E-11	5.49E-10
4793	624266.07	4264611.96	2.95E-09	1.02E-09	3.97E-09	2.47E-09	7.61E-10	3.23E-09	5.85E-10	1.95E-10	7.80E-10	4.56E-10	9.38E-11	5.50E-10
4794	624275.16	4264608.34	2.96E-09	1.02E-09	3.98E-09	2.48E-09	7.62E-10	3.24E-09	5.86E-10	1.95E-10	7.81E-10	4.57E-10	9.40E-11	5.51E-10
4795	624284.25	4264604.72	2.97E-09	1.02E-09	3.99E-09	2.48E-09	7.64E-10	3.25E-09	5.88E-10	1.96E-10	7.83E-10	4.58E-10	9.42E-11	5.52E-10
4796	624293.35	4264601.11	2.98E-09	1.02E-09	4.00E-09	2.49E-09	7.66E-10	3.25E-09	5.89E-10	1.96E-10	7.85E-10	4.59E-10	9.45E-11	5.54E-10
4797	624302.44	4264597.49	2.99E-09	1.03E-09	4.01E-09	2.50E-09	7.69E-10	3.27E-09	5.91E-10	1.97E-10	7.88E-10	4.61E-10	9.48E-11	5.56E-10
4798	624311.53	4264593.87	3.00E-09	1.03E-09	4.03E-09	2.51E-09	7.72E-10	3.28E-09	5.94E-10	1.98E-10	7.91E-10	4.63E-10	9.52E-11	5.58E-10
4799	624320.63	4264590.25	3.01E-09	1.04E-09	4.05E-09	2.52E-09	7.75E-10	3.29E-09	5.96E-10	1.98E-10	7.94E-10	4.65E-10	9.55E-11	5.60E-10
4800	624329.72	4264586.64	3.02E-09	1.04E-09	4.06E-09	2.53E-09	7.78E-10	3.30E-09	5.98E-10	1.99E-10	7.97E-10	4.66E-10	9.59E-11	5.62E-10
4801	624338.81	4264583.02	3.03E-09	1.04E-09	4.08E-09	2.54E-09	7.81E-10	3.32E-09	6.00E-10	2.00E-10	8.00E-10	4.68E-10	9.63E-11	5.64E-10
4802	624347.9	4264579.4	3.05E-09	1.05E-09	4.09E-09	2.55E-09	7.84E-10	3.33E-09	6.03E-10	2.01E-10	8.04E-10	4.70E-10	9.67E-11	5.67E-10
4803	624357	4264575.78	3.06E-09	1.05E-09	4.11E-09	2.56E-09	7.88E-10	3.34E-09	6.05E-10	2.02E-10	8.07E-10	4.72E-10	9.71E-11	5.69E-10
4804	624366.09	4264572.16	3.07E-09	1.06E-09	4.13E-09	2.57E-09	7.91E-10	3.36E-09	6.08E-10	2.02E-10	8.11E-10	4.74E-10	9.75E-11	5.72E-10
4805	624362.59	4266163.45	7.07E-08	2.43E-08	9.50E-08	5.91E-08	1.82E-08	7.73E-08	1.40E-08	4.66E-09	1.87E-08	1.09E-08	2.24E-09	1.32E-08
4806	624372.48	4266163.63	7.76E-08	2.67E-08	1.04E-07	6.49E-08	2.00E-08	8.49E-08	1.54E-08	5.12E-09	2.05E-08	1.20E-08	2.46E-09	1.44E-08
4807	624382.37	4266163.81	8.48E-08	2.92E-08	1.14E-07	7.09E-08	2.18E-08	9.27E-08	1.68E-08	5.59E-09	2.24E-08	1.31E-08	2.69E-09	1.58E-08
4808	624392.26	4266163.98	9.25E-08	3.18E-08	1.24E-07	7.73E-08	2.38E-08	1.01E-07	1.83E-08	6.10E-09	2.44E-08	1.43E-08	2.94E-09	1.72E-08
4809	624402.15	4266164.16	1.01E-07	3.47E-08	1.36E-07	8.43E-08	2.60E-08	1.10E-07	2.00E-08	6.65E-09	2.66E-08	1.56E-08	3.20E-09	1.88E-08
4810	624412.04	4266164.34	1.08E-07	3.72E-08	1.45E-07	9.04E-08	2.78E-08	1.18E-07	2.14E-08	7.13E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08
4811	624421.93	4266164.51	1.13E-07	3.87E-08	1.51E-07	9.41E-08	2.90E-08	1.23E-07	2.23E-08	7.42E-09	2.97E-08	1.74E-08	3.57E-09	2.10E-08
4812	624451.59	4266165.04	1.21E-07	4.16E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.96E-09	3.19E-08	1.86E-08	3.83E-09	2.25E-08
4813	624461.48	4266165.22	1.25E-07	4.31E-08	1.68E-07	1.05E-07	3.23E-08	1.37E-07	2.48E-08	8.25E-09	3.31E-08	1.93E-08	3.98E-09	2.33E-08
4814	624471.37	4266165.4	1.30E-07	4.47E-08	1.75E-07	1.09E-07	3.35E-08	1.42E-07	2.57E-08	8.57E-09	3.43E-08	2.01E-08	4.13E-09	2.42E-08
4815	624481.26	4266165.57	1.32E-07	4.56E-08	1.78E-07	1.11E-07	3.41E-08	1.45E-07	2.62E-08	8.73E-09	3.50E-08	2.04E-08	4.20E-09	2.46E-08
4816	624491.15	4266165.75	1.33E-07	4.56E-08	1.78E-07	1.11E-07	3.41E-08	1.45E-07	2.62E-08	8.74E-09	3.50E-08	2.05E-08	4.21E-09	2.47E-08
4817	624501.04	4266165.93	1.32E-07	4.56E-08	1.78E-07	1.11E-07	3.41E-08	1.45E-07	2.62E-08	8.73E-09	3.50E-08	2.04E-08	4.20E-09	2.46E-08
4818	624510.93	4266166.1	1.33E-07	4.58E-08	1.79E-07	1.11E-07	3.43E-08	1.46E-07	2.64E-08	8.78E-09	3.52E-08	2.06E-08	4.23E-09	2.48E-08
4819	624520.82	4266166.28	1.35E-07	4.66E-08	1.82E-07	1.13E-07	3.49E-08	1.48E-07	2.68E-08	8.92E-09	3.57E-08	2.09E-08	4.30E-09	2.52E-08
4820	624530.71	4266166.46	1.39E-07	4.79E-08	1.87E-07	1.17E-07	3.59E-08	1.52E-07	2.76E-08	9.18E-09	3.68E-08	2.15E-08	4.42E-09	2.59E-08
4821	624540.6	4266166.63	1.43E-07	4.90E-08	1.92E-07	1.19E-07	3.67E-08	1.56E-07	2.82E-08	9.39E-09	3.76E-08	2.20E-08	4.53E-09	2.65E-08
4822	624550.49	4266166.81	1.43E-07	4.91E-08	1.92E-07	1.19E-07	3.67E-08	1.56E-07	2.82E-08	9.40E-09	3.76E-08	2.20E-08	4.53E-09	2.65E-08
4823	624560.38	4266166.99	1.41E-07	4.86E-08	1.90E-07	1.18E-07	3.64E-08	1.54E-07	2.79E-08	9.30E-09	3.73E-08	2.18E-08	4.48E-09	2.63E-08
4824	624570.27	4266167.16	1.40E-07	4.82E-08	1.88E-07	1.17E-07	3.61E-08	1.53E-07	2.77E-08	9.23E-09	3.70E-08	2.16E-08	4.45E-09	2.61E-08
4825	624580.15	4266167.34	1.40E-07	4.82E-08	1.88E-07	1.17E-07	3.61E-08	1.53E-07	2.78E-08	9.24E-09	3.70E-08	2.16E-08	4.45E-09	2.61E-08
4826	624590.04	4266167.52	1.42E-07	4.89E-08	1.91E-07	1.19E-07	3.66E-08	1.56E-07	2.82E-08	9.38E-09	3.75E-08	2.20E-08	4.52E-09	2.65E-08

4827	624599.93	4266167.69	1.44E-07	4.96E-08	1.94E-07	1.21E-07	3.72E-08	1.58E-07	2.86E-08	9.51E-09	3.81E-08	2.23E-08	4.58E-09	2.69E-08
4828	624609.82	4266167.87	1.44E-07	4.93E-08	1.93E-07	1.20E-07	3.69E-08	1.57E-07	2.84E-08	9.45E-09	3.79E-08	2.21E-08	4.55E-09	2.67E-08
4829	624619.71	4266168.05	1.41E-07	4.84E-08	1.89E-07	1.18E-07	3.63E-08	1.54E-07	2.79E-08	9.28E-09	3.72E-08	2.17E-08	4.47E-09	2.62E-08
4830	624629.6	4266168.22	1.38E-07	4.76E-08	1.86E-07	1.16E-07	3.57E-08	1.51E-07	2.74E-08	9.12E-09	3.65E-08	2.14E-08	4.39E-09	2.58E-08
4831	624639.49	4266168.4	1.37E-07	4.72E-08	1.84E-07	1.15E-07	3.53E-08	1.50E-07	2.72E-08	9.04E-09	3.62E-08	2.12E-08	4.35E-09	2.55E-08
4832	624669.16	4266168.93	1.38E-07	4.75E-08	1.85E-07	1.15E-07	3.55E-08	1.51E-07	2.73E-08	9.09E-09	3.64E-08	2.13E-08	4.38E-09	2.57E-08
4833	624679.05	4266169.1	1.34E-07	4.62E-08	1.80E-07	1.12E-07	3.46E-08	1.47E-07	2.66E-08	8.84E-09	3.54E-08	2.07E-08	4.26E-09	2.50E-08
4834	624688.94	4266169.28	1.30E-07	4.48E-08	1.75E-07	1.09E-07	3.36E-08	1.43E-07	2.58E-08	8.59E-09	3.44E-08	2.01E-08	4.14E-09	2.42E-08
4835	624698.82	4266169.46	1.28E-07	4.40E-08	1.72E-07	1.07E-07	3.30E-08	1.40E-07	2.53E-08	8.43E-09	3.38E-08	1.97E-08	4.06E-09	2.38E-08
4836	624708.71	4266169.63	1.27E-07	4.38E-08	1.71E-07	1.06E-07	3.28E-08	1.39E-07	2.52E-08	8.39E-09	3.36E-08	1.96E-08	4.04E-09	2.37E-08
4837	624718.6	4266169.81	1.28E-07	4.40E-08	1.72E-07	1.07E-07	3.30E-08	1.40E-07	2.54E-08	8.44E-09	3.38E-08	1.98E-08	4.07E-09	2.38E-08
4838	624748.27	4266170.34	1.28E-07	4.42E-08	1.73E-07	1.07E-07	3.31E-08	1.40E-07	2.54E-08	8.46E-09	3.39E-08	1.98E-08	4.08E-09	2.39E-08
4839	624758.16	4266170.52	1.24E-07	4.26E-08	1.66E-07	1.03E-07	3.19E-08	1.35E-07	2.45E-08	8.16E-09	3.27E-08	1.91E-08	3.93E-09	2.30E-08
4840	624768.05	4266170.69	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.08E-08	1.31E-07	2.37E-08	7.88E-09	3.16E-08	1.85E-08	3.80E-09	2.23E-08
4841	624777.94	4266170.87	1.17E-07	4.01E-08	1.57E-07	9.74E-08	3.00E-08	1.27E-07	2.31E-08	7.68E-09	3.07E-08	1.80E-08	3.70E-09	2.17E-08
4842	624787.83	4266171.05	1.15E-07	3.95E-08	1.54E-07	9.61E-08	2.96E-08	1.26E-07	2.27E-08	7.57E-09	3.03E-08	1.77E-08	3.65E-09	2.14E-08
4843	624797.72	4266171.22	1.12E-07	3.85E-08	1.50E-07	9.35E-08	2.88E-08	1.22E-07	2.21E-08	7.37E-09	2.95E-08	1.73E-08	3.55E-09	2.08E-08
4844	624807.61	4266171.4	1.04E-07	3.57E-08	1.40E-07	8.69E-08	2.68E-08	1.14E-07	2.06E-08	6.85E-09	2.74E-08	1.60E-08	3.30E-09	1.93E-08
4845	624817.5	4266171.58	9.35E-08	3.21E-08	1.26E-07	7.81E-08	2.41E-08	1.02E-07	1.85E-08	6.16E-09	2.47E-08	1.44E-08	2.97E-09	1.74E-08
4846	624827.38	4266171.75	8.31E-08	2.86E-08	1.12E-07	6.95E-08	2.14E-08	9.09E-08	1.65E-08	5.48E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
4847	624837.27	4266171.93	7.41E-08	2.55E-08	9.95E-08	6.19E-08	1.91E-08	8.10E-08	1.47E-08	4.88E-09	1.95E-08	1.14E-08	2.35E-09	1.38E-08
4848	624847.16	4266172.11	6.64E-08	2.28E-08	8.92E-08	5.55E-08	1.71E-08	7.26E-08	1.31E-08	4.37E-09	1.75E-08	1.02E-08	2.11E-09	1.23E-08
4849	624345.52	4266170.23	5.83E-08	2.01E-08	7.84E-08	4.88E-08	1.50E-08	6.38E-08	1.15E-08	3.84E-09	1.54E-08	9.00E-09	1.85E-09	1.09E-08
4850	624362.41	4266173.45	6.61E-08	2.27E-08	8.88E-08	5.52E-08	1.70E-08	7.23E-08	1.31E-08	4.35E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
4851	624372.3	4266173.63	7.15E-08	2.46E-08	9.61E-08	5.97E-08	1.84E-08	7.81E-08	1.41E-08	4.71E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
4852	624382.19	4266173.81	7.70E-08	2.65E-08	1.04E-07	6.44E-08	1.98E-08	8.42E-08	1.53E-08	5.08E-09	2.03E-08	1.19E-08	2.45E-09	1.43E-08
4853	624392.08	4266173.98	8.31E-08	2.86E-08	1.12E-07	6.95E-08	2.14E-08	9.09E-08	1.65E-08	5.48E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
4854	624401.97	4266174.16	8.97E-08	3.09E-08	1.21E-07	7.50E-08	2.31E-08	9.81E-08	1.78E-08	5.91E-09	2.37E-08	1.38E-08	2.85E-09	1.67E-08
4855	624411.86	4266174.33	9.60E-08	3.30E-08	1.29E-07	8.02E-08	2.47E-08	1.05E-07	1.90E-08	6.32E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
4856	624421.75	4266174.51	1.01E-07	3.47E-08	1.35E-07	8.42E-08	2.59E-08	1.10E-07	1.99E-08	6.64E-09	2.66E-08	1.56E-08	3.20E-09	1.87E-08
4857	624451.42	4266175.04	1.09E-07	3.75E-08	1.46E-07	9.11E-08	2.81E-08	1.19E-07	2.16E-08	7.18E-09	2.87E-08	1.68E-08	3.46E-09	2.03E-08
4858	624461.31	4266175.22	1.12E-07	3.86E-08	1.51E-07	9.38E-08	2.89E-08	1.23E-07	2.22E-08	7.40E-09	2.96E-08	1.73E-08	3.56E-09	2.09E-08
4859	624471.19	4266175.39	1.16E-07	3.99E-08	1.56E-07	9.70E-08	2.99E-08	1.27E-07	2.30E-08	7.65E-09	3.06E-08	1.79E-08	3.68E-09	2.16E-08
4860	624481.08	4266175.57	1.19E-07	4.09E-08	1.60E-07	9.94E-08	3.06E-08	1.30E-07	2.35E-08	7.83E-09	3.14E-08	1.83E-08	3.77E-09	2.21E-08
4861	624490.97	4266175.75	1.20E-07	4.13E-08	1.62E-07	1.01E-07	3.10E-08	1.31E-07	2.38E-08	7.92E-09	3.17E-08	1.86E-08	3.82E-09	2.24E-08
4862	624500.86	4266175.92	1.21E-07	4.15E-08	1.62E-07	1.01E-07	3.11E-08	1.32E-07	2.39E-08	7.96E-09	3.19E-08	1.86E-08	3.83E-09	2.25E-08
4863	624510.75	4266176.1	1.21E-07	4.17E-08	1.63E-07	1.01E-07	3.12E-08	1.33E-07	2.40E-08	7.99E-09	3.20E-08	1.87E-08	3.85E-09	2.26E-08
4864	624520.64	4266176.28	1.23E-07	4.21E-08	1.65E-07	1.02E-07	3.15E-08	1.34E-07	2.43E-08	8.07E-09	3.23E-08	1.89E-08	3.89E-09	2.28E-08
4865	624530.53	4266176.45	1.25E-07	4.30E-08	1.68E-07	1.05E-07	3.22E-08	1.37E-07	2.48E-08	8.24E-09	3.30E-08	1.93E-08	3.97E-09	2.33E-08
4866	624540.42	4266176.63	1.28E-07	4.39E-08	1.71E-07	1.07E-07	3.29E-08	1.39E-07	2.53E-08	8.41E-09	3.37E-08	1.97E-08	4.05E-09	2.37E-08
4867	624550.31	4266176.81	1.29E-07	4.43E-08	1.73E-07	1.08E-07	3.31E-08	1.41E-07	2.55E-08	8.48E-09	3.40E-08	1.99E-08	4.08E-09	2.39E-08
4868	624560.2	4266176.98	1.28E-07	4.41E-08	1.72E-07	1.07E-07	3.30E-08	1.40E-07	2.54E-08	8.46E-09	3.39E-08	1.98E-08	4.07E-09	2.39E-08
4869	624570.09	4266177.16	1.27E-07	4.38E-08	1.71E-07	1.07E-07	3.28E-08	1.39E-07	2.52E-08	8.40E-09	3.36E-08	1.97E-08	4.04E-09	2.37E-08
4870	624579.98	4266177.34	1.27E-07	4.37E-08	1.71E-07	1.06E-07	3.27E-08	1.39E-07	2.52E-08	8.37E-09	3.35E-08	1.96E-08	4.03E-09	2.36E-08
4871	624589.87	4266177.51	1.28E-07	4.40E-08	1.72E-07	1.07E-07	3.30E-08	1.40E-07	2.53E-08	8.44E-09	3.38E-08	1.98E-08	4.06E-09	2.38E-08
4872	624599.75	4266177.69	1.29E-07	4.45E-08	1.74E-07	1.08E-07	3.33E-08	1.41E-07	2.56E-08	8.52E-09	3.41E-08	2.00E-08	4.11E-09	2.41E-08
4873	624609.64	4266177.87	1.30E-07	4.45E-08	1.74E-07	1.08E-07	3.33E-08	1.42E-07	2.56E-08	8.53E-09	3.42E-08	2.00E-08	4.11E-09	2.41E-08
4874	624619.53	4266178.04	1.28E-07	4.41E-08	1.72E-07	1.07E-07	3.30E-08	1.40E-07	2.54E-08	8.45E-09	3.38E-08	1.98E-08	4.07E-09	2.39E-08
4875	624629.42	4266178.22	1.26E-07	4.34E-08	1.70E-07	1.06E-07	3.25E-08	1.38E-07	2.50E-08	8.32E-09	3.33E-08	1.95E-08	4.01E-09	2.35E-08
4876	624639.31	4266178.4	1.25E-07	4.29E-08	1.68E-07	1.04E-07	3.21E-08	1.36E-07	2.47E-08	8.21E-09	3.29E-08	1.92E-08	3.96E-09	2.32E-08
4877	624668.98	4266178.93	1.24E-07	4.28E-08	1.67E-07	1.04E-07	3.20E-08	1.36E-07	2.46E-08	8.19E-09	3.28E-08	1.92E-08	3.95E-09	2.31E-08
4878	624678.87	4266179.1	1.22E-07	4.21E-08	1.65E-07	1.02E-07	3.15E-08	1.34E-07	2.42E-08	8.07E-09	3.23E-08	1.89E-08	3.89E-09	2.28E-08
4879	624688.76	4266179.28	1.20E-07	4.12E-08	1.61E-07	1.00E-07	3.09E-08	1.31E-07	2.37E-08	7.90E-09	3.16E-08	1.85E-08	3.81E-09	2.23E-08
4880	624698.65	4266179.46	1.18E-07	4.04E-08	1.58E-07	9.83E-08	3.03E-08	1.29E-07	2.33E-08	7.75E-09	3.10E-08	1.81E-08	3.73E-09	2.19E-08
4881	624708.54	4266179.63	1.16E-07	3.99E-08	1.56E-07	9.70E-08	2.99E-08	1.27E-07	2.30E-08	7.64E-09	3.06E-08	1.79E-08	3.68E-09	2.16E-08
4882	624718.42	4266179.81	1.16E-07	3.97E-08	1.55E-07	9.66E-08	2.97E-08	1.26E-07	2.29E-08	7.61E-09	3.05E-08	1.78E-08	3.67E-09	2.15E-08
4883	624748.09	4266180.34	1.15E-07	3.96E-08	1.55E-07	9.63E-08	2.97E-08	1.26E-07	2.28E-08	7.59E-09	3.04E-08	1.78E-08	3.66E-09	2.14E-08
4884	624757.98	4266180.52	1.12E-07	3.85E-08	1.50E-07	9.36E-08	2.88E-08	1.22E-07	2.22E-08	7.37E-09	2.95E-08	1.73E-08	3.55E-09	2.08E-08
4885	624767.87	4266180.69	1.08E-07	3.71E-08	1.45E-07	9.03E-08	2.78E-08	1.18E-07	2.14E-08	7.11E-09	2.85E-08	1.67E-08	3.43E-09	2.01E-08
4886	624777.76	4266180.87	1.04E-07	3.59E-08	1.40E-07	8.73E-08	2.69E-08	1.14E-07	2.07E-08	6.88E-09	2.75E-08	1.61E-08	3.31E-09	1.94E-08
4887	624787.65	4266181.05	1.02E-07	3.50E-08	1.37E-07	8.50E-08	2.62E-08	1.11E-07	2.01E-08	6.70E-09	2.68E-08	1.57E-08	3.23E-09	1.89E-08
4888	624797.54	4266181.22	9.87E-08	3.40E-08	1.33E-07	8.25E-08	2.54E-08	1.08E-07	1.95E-08	6.50E-09	2.60E-08	1.52E-08	3.13E-09	1.84E-08
4889	624807.43	4266181.4	9.34E-08	3.21E-08	1.26E-07	7.81E-08	2.41E-08	1.02E-07	1.85E-08	6.16E-09	2.46E-08	1.44E-08	2.97E-09	1.74E-08
4890	624817.32	4266181.58	8.60E-08	2.96E-08	1.16E-07	7.19E-08	2.22E-08	9.41E-08	1.70E-08	5.67E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
4891	624827.21	4266181.75	7.80E-08	2.68E-08	1.05E-07	6.52E-08	2.01E-08	8.53E-08	1.54E-08	5.14E-09	2.06E-08	1.20E-08	2.48E-09	1.45E-08
4892	624837.1	4266181.93	7.05E-08	2.42E-08	9.47E-08	5.89E-08	1.81E-08	7.70E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
4893	624846.98	4266182.11	6.38E-08	2.19E-08	8.57E-08	5.33E-08	1.64E-08	6.97E-08	1.26E-08	4.20E-09	1.68E-08	9.84E-09	2.02E-09	1.19E-08
4894	624345.34	4266180.23	5.55E-08	1.91E-08	7.46E-08	4.64E-08	1.43E-08	6.07E-08	1.10E-08	3.66E-09	1.47E-08	8.57E-09	1.76E-09	1.03E-08
4895	624331.33	4266174.15	5.12E-08	1.76E-08	6.88E-08	4.28E-08	1.32E-08	5.59E-08	1.01E-08	3.37E-09	1.35E-08	7.90E-09	1.62E-09	9.52E-09

4896	624321.51	4266164	4.90E-08	1.69E-08	6.59E-08	4.10E-08	1.26E-08	5.36E-08	9.71E-09	3.23E-09	1.29E-08	7.57E-09	1.56E-09	9.12E-09
4897	624362.23	4266183.45	6.18E-08	2.13E-08	8.30E-08	5.17E-08	1.59E-08	6.76E-08	1.22E-08	4.07E-09	1.63E-08	9.54E-09	1.96E-09	1.15E-08
4898	624372.12	4266183.63	6.61E-08	2.27E-08	8.88E-08	5.53E-08	1.70E-08	7.23E-08	1.31E-08	4.36E-09	1.74E-08	1.02E-08	2.10E-09	1.23E-08
4899	624382.01	4266183.8	7.06E-08	2.43E-08	9.49E-08	5.90E-08	1.82E-08	7.72E-08	1.40E-08	4.65E-09	1.86E-08	1.09E-08	2.24E-09	1.31E-08
4900	624391.9	4266183.98	7.56E-08	2.60E-08	1.02E-07	6.32E-08	1.95E-08	8.26E-08	1.50E-08	4.98E-09	1.99E-08	1.17E-08	2.40E-09	1.41E-08
4901	624401.79	4266184.16	8.09E-08	2.78E-08	1.09E-07	6.76E-08	2.08E-08	8.84E-08	1.60E-08	5.33E-09	2.13E-08	1.25E-08	2.57E-09	1.50E-08
4902	624411.68	4266184.33	8.61E-08	2.96E-08	1.16E-07	7.20E-08	2.22E-08	9.41E-08	1.70E-08	5.67E-09	2.27E-08	1.33E-08	2.73E-09	1.60E-08
4903	624421.57	4266184.51	9.06E-08	3.11E-08	1.22E-07	7.57E-08	2.33E-08	9.90E-08	1.79E-08	5.97E-09	2.39E-08	1.40E-08	2.87E-09	1.68E-08
4904	624451.24	4266185.04	9.87E-08	3.40E-08	1.33E-07	8.25E-08	2.54E-08	1.08E-07	1.95E-08	6.51E-09	2.60E-08	1.52E-08	3.13E-09	1.84E-08
4905	624461.13	4266185.22	1.01E-07	3.49E-08	1.36E-07	8.48E-08	2.61E-08	1.11E-07	2.01E-08	6.69E-09	2.68E-08	1.57E-08	3.22E-09	1.89E-08
4906	624471.02	4266185.39	1.05E-07	3.60E-08	1.41E-07	8.74E-08	2.69E-08	1.14E-07	2.07E-08	6.89E-09	2.76E-08	1.61E-08	3.32E-09	1.95E-08
4907	624480.91	4266185.57	1.07E-07	3.69E-08	1.44E-07	8.96E-08	2.76E-08	1.17E-07	2.12E-08	7.07E-09	2.83E-08	1.65E-08	3.40E-09	2.00E-08
4908	624490.79	4266185.75	1.09E-07	3.75E-08	1.46E-07	9.11E-08	2.81E-08	1.19E-07	2.16E-08	7.18E-09	2.88E-08	1.68E-08	3.46E-09	2.03E-08
4909	624500.68	4266185.92	1.10E-07	3.78E-08	1.48E-07	9.18E-08	2.83E-08	1.20E-07	2.17E-08	7.24E-09	2.90E-08	1.70E-08	3.49E-09	2.04E-08
4910	624510.57	4266186.1	1.10E-07	3.80E-08	1.48E-07	9.23E-08	2.84E-08	1.21E-07	2.19E-08	7.28E-09	2.91E-08	1.70E-08	3.51E-09	2.06E-08
4911	624520.46	4266186.28	1.11E-07	3.83E-08	1.50E-07	9.32E-08	2.87E-08	1.22E-07	2.21E-08	7.34E-09	2.94E-08	1.72E-08	3.54E-09	2.07E-08
4912	624530.35	4266186.45	1.13E-07	3.89E-08	1.52E-07	9.46E-08	2.91E-08	1.24E-07	2.24E-08	7.46E-09	2.99E-08	1.75E-08	3.59E-09	2.11E-08
4913	624540.24	4266186.63	1.15E-07	3.96E-08	1.55E-07	9.62E-08	2.96E-08	1.26E-07	2.28E-08	7.58E-09	3.04E-08	1.78E-08	3.65E-09	2.14E-08
4914	624550.13	4266186.81	1.16E-07	4.00E-08	1.56E-07	9.72E-08	3.00E-08	1.27E-07	2.30E-08	7.66E-09	3.07E-08	1.80E-08	3.69E-09	2.16E-08
4915	624560.02	4266186.98	1.17E-07	4.01E-08	1.57E-07	9.74E-08	3.00E-08	1.27E-07	2.31E-08	7.68E-09	3.07E-08	1.80E-08	3.70E-09	2.17E-08
4916	624569.91	4266187.16	1.16E-07	3.99E-08	1.56E-07	9.70E-08	2.99E-08	1.27E-07	2.30E-08	7.65E-09	3.06E-08	1.79E-08	3.68E-09	2.16E-08
4917	624579.8	4266187.34	1.16E-07	3.98E-08	1.56E-07	9.68E-08	2.98E-08	1.27E-07	2.29E-08	7.63E-09	3.05E-08	1.79E-08	3.67E-09	2.15E-08
4918	624589.69	4266187.51	1.16E-07	3.99E-08	1.56E-07	9.71E-08	2.99E-08	1.27E-07	2.30E-08	7.65E-09	3.06E-08	1.79E-08	3.69E-09	2.16E-08
4919	624599.58	4266187.69	1.17E-07	4.02E-08	1.57E-07	9.77E-08	3.01E-08	1.28E-07	2.31E-08	7.70E-09	3.09E-08	1.80E-08	3.71E-09	2.18E-08
4920	624609.46	4266187.87	1.17E-07	4.03E-08	1.58E-07	9.80E-08	3.02E-08	1.28E-07	2.32E-08	7.72E-09	3.09E-08	1.81E-08	3.72E-09	2.18E-08
4921	624619.35	4266188.04	1.17E-07	4.01E-08	1.57E-07	9.74E-08	3.00E-08	1.27E-07	2.31E-08	7.68E-09	3.07E-08	1.80E-08	3.70E-09	2.17E-08
4922	624629.24	4266188.22	1.15E-07	3.96E-08	1.55E-07	9.62E-08	2.96E-08	1.26E-07	2.28E-08	7.58E-09	3.04E-08	1.78E-08	3.65E-09	2.14E-08
4923	624639.13	4266188.4	1.14E-07	3.91E-08	1.53E-07	9.50E-08	2.93E-08	1.24E-07	2.25E-08	7.49E-09	3.00E-08	1.75E-08	3.61E-09	2.12E-08
4924	624668.8	4266188.92	1.13E-07	3.87E-08	1.51E-07	9.42E-08	2.90E-08	1.23E-07	2.23E-08	7.42E-09	2.97E-08	1.74E-08	3.58E-09	2.10E-08
4925	624678.69	4266189.1	1.12E-07	3.84E-08	1.50E-07	9.33E-08	2.87E-08	1.22E-07	2.21E-08	7.36E-09	2.95E-08	1.72E-08	3.54E-09	2.08E-08
4926	624688.58	4266189.28	1.10E-07	3.78E-08	1.48E-07	9.19E-08	2.83E-08	1.20E-07	2.18E-08	7.24E-09	2.90E-08	1.70E-08	3.49E-09	2.04E-08
4927	624698.47	4266189.45	1.08E-07	3.71E-08	1.45E-07	9.02E-08	2.78E-08	1.18E-07	2.13E-08	7.11E-09	2.85E-08	1.66E-08	3.42E-09	2.01E-08
4928	624708.36	4266189.63	1.06E-07	3.65E-08	1.43E-07	8.86E-08	2.73E-08	1.16E-07	2.10E-08	6.99E-09	2.80E-08	1.64E-08	3.37E-09	1.97E-08
4929	624718.25	4266189.81	1.05E-07	3.61E-08	1.41E-07	8.77E-08	2.70E-08	1.15E-07	2.08E-08	6.92E-09	2.77E-08	1.62E-08	3.33E-09	1.95E-08
4930	624747.91	4266190.34	1.03E-07	3.56E-08	1.39E-07	8.64E-08	2.66E-08	1.13E-07	2.05E-08	6.81E-09	2.73E-08	1.60E-08	3.28E-09	1.92E-08
4931	624757.8	4266190.51	1.01E-07	3.47E-08	1.36E-07	8.43E-08	2.60E-08	1.10E-07	2.00E-08	6.65E-09	2.66E-08	1.56E-08	3.20E-09	1.88E-08
4932	624767.69	4266190.69	9.75E-08	3.35E-08	1.31E-07	8.15E-08	2.51E-08	1.07E-07	1.93E-08	6.42E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
4933	624777.58	4266190.87	9.41E-08	3.24E-08	1.27E-07	7.87E-08	2.42E-08	1.03E-07	1.86E-08	6.20E-09	2.48E-08	1.45E-08	2.99E-09	1.75E-08
4934	624787.47	4266191.04	9.12E-08	3.14E-08	1.23E-07	7.62E-08	2.35E-08	9.97E-08	1.81E-08	6.01E-09	2.41E-08	1.41E-08	2.89E-09	1.70E-08
4935	624797.36	4266191.22	8.83E-08	3.04E-08	1.19E-07	7.38E-08	2.27E-08	9.65E-08	1.75E-08	5.82E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
4936	624807.25	4266191.4	8.43E-08	2.90E-08	1.13E-07	7.04E-08	2.17E-08	9.21E-08	1.67E-08	5.55E-09	2.22E-08	1.30E-08	2.67E-09	1.57E-08
4937	624817.14	4266191.57	7.89E-08	2.71E-08	1.06E-07	6.60E-08	2.03E-08	8.63E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.51E-09	1.47E-08
4938	624827.03	4266191.75	7.28E-08	2.51E-08	9.79E-08	6.09E-08	1.88E-08	7.96E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.36E-08
4939	624836.92	4266191.93	6.67E-08	2.29E-08	8.97E-08	5.58E-08	1.72E-08	7.29E-08	1.32E-08	4.40E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
4940	624846.81	4266192.1	6.10E-08	2.10E-08	8.20E-08	5.10E-08	1.57E-08	6.67E-08	1.21E-08	4.02E-09	1.61E-08	9.41E-09	1.94E-09	1.13E-08
4941	624343.41	4266189.47	5.24E-08	1.80E-08	7.04E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.45E-09	1.38E-08	8.08E-09	1.66E-09	9.75E-09
4942	624334.65	4266185.67	5.01E-08	1.72E-08	6.74E-08	4.19E-08	1.29E-08	5.48E-08	9.92E-09	3.30E-09	1.32E-08	7.73E-09	1.59E-09	9.32E-09
4943	624325.9	4266181.86	4.78E-08	1.64E-08	6.42E-08	4.00E-08	1.23E-08	5.23E-08	9.46E-09	3.15E-09	1.26E-08	7.38E-09	1.52E-09	8.89E-09
4944	624313.62	4266169.18	4.55E-08	1.57E-08	6.12E-08	3.81E-08	1.17E-08	4.98E-08	9.01E-09	3.00E-09	1.20E-08	7.03E-09	1.44E-09	8.47E-09
4945	624352.17	4266193.27	5.45E-08	1.87E-08	7.32E-08	4.55E-08	1.40E-08	5.95E-08	1.08E-08	3.59E-09	1.44E-08	8.40E-09	1.73E-09	1.01E-08
4946	624362.06	4266193.45	5.79E-08	1.99E-08	7.78E-08	4.84E-08	1.49E-08	6.33E-08	1.15E-08	3.82E-09	1.53E-08	8.94E-09	1.84E-09	1.08E-08
4947	624371.95	4266193.63	6.15E-08	2.11E-08	8.26E-08	5.14E-08	1.58E-08	6.72E-08	1.22E-08	4.05E-09	1.62E-08	9.49E-09	1.95E-09	1.14E-08
4948	624381.83	4266193.8	6.53E-08	2.24E-08	8.77E-08	5.45E-08	1.68E-08	7.13E-08	1.29E-08	4.30E-09	1.72E-08	1.01E-08	2.07E-09	1.21E-08
4949	624391.72	4266193.98	6.93E-08	2.38E-08	9.32E-08	5.80E-08	1.79E-08	7.58E-08	1.37E-08	4.57E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
4950	624401.61	4266194.16	7.37E-08	2.53E-08	9.90E-08	6.16E-08	1.90E-08	8.06E-08	1.46E-08	4.85E-09	1.94E-08	1.14E-08	2.34E-09	1.37E-08
4951	624411.5	4266194.33	7.80E-08	2.68E-08	1.05E-07	6.52E-08	2.01E-08	8.53E-08	1.54E-08	5.14E-09	2.06E-08	1.20E-08	2.48E-09	1.45E-08
4952	624421.39	4266194.51	8.19E-08	2.82E-08	1.10E-07	6.85E-08	2.11E-08	8.96E-08	1.62E-08	5.40E-09	2.16E-08	1.26E-08	2.60E-09	1.52E-08
4953	624451.06	4266195.04	8.99E-08	3.09E-08	1.21E-07	7.52E-08	2.32E-08	9.83E-08	1.78E-08	5.93E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
4954	624460.95	4266195.21	9.24E-08	3.18E-08	1.24E-07	7.72E-08	2.38E-08	1.01E-07	1.83E-08	6.09E-09	2.44E-08	1.43E-08	2.93E-09	1.72E-08
4955	624470.84	4266195.39	9.50E-08	3.27E-08	1.28E-07	7.94E-08	2.45E-08	1.04E-07	1.88E-08	6.26E-09	2.51E-08	1.47E-08	3.01E-09	1.77E-08
4956	624480.73	4266195.57	9.73E-08	3.35E-08	1.31E-07	8.14E-08	2.51E-08	1.06E-07	1.93E-08	6.41E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08
4957	624490.62	4266195.74	9.91E-08	3.41E-08	1.33E-07	8.29E-08	2.55E-08	1.08E-07	1.96E-08	6.53E-09	2.62E-08	1.53E-08	3.15E-09	1.84E-08
4958	624500.51	4266195.92	1.00E-07	3.45E-08	1.35E-07	8.38E-08	2.58E-08	1.10E-07	1.98E-08	6.60E-09	2.64E-08	1.55E-08	3.18E-09	1.86E-08
4959	624510.39	4266196.1	1.01E-07	3.47E-08	1.36E-07	8.44E-08	2.60E-08	1.10E-07	2.00E-08	6.65E-09	2.66E-08	1.56E-08	3.21E-09	1.88E-08
4960	624668.62	4266198.92	1.03E-07	3.54E-08	1.38E-07	8.59E-08	2.65E-08	1.12E-07	2.04E-08	6.77E-09	2.71E-08	1.59E-08	3.26E-09	1.91E-08
4961	624678.51	4266199.1	1.02E-07	3.51E-08	1.37E-07	8.53E-08	2.63E-08	1.12E-07	2.02E-08	6.72E-09	2.69E-08	1.57E-08	3.24E-09	1.90E-08
4962	624688.4	4266199.28	1.01E-07	3.46E-08	1.35E-07	8.42E-08	2.59E-08	1.10E-07	1.99E-08	6.64E-09	2.66E-08	1.55E-08	3.20E-09	1.87E-08
4963	624698.29	4266199.45	9.90E-08	3.40E-08	1.33E-07	8.28E-08	2.55E-08	1.08E-07	1.96E-08	6.52E-09	2.61E-08	1.53E-08	3.14E-09	1.84E-08
4964	624708.18	4266199.63	9.73E-08	3.35E-08	1.31E-07	8.13E-08	2.51E-08	1.06E-07	1.93E-08	6.41E-09	2.57E-08	1.50E-08	3.09E-09	1.81E-08

4965	624718.07	4266199.81	9.60E-08	3.30E-08	1.29E-07	8.03E-08	2.47E-08	1.05E-07	1.90E-08	6.33E-09	2.53E-08	1.48E-08	3.05E-09	1.79E-08
4966	624747.74	4266200.34	9.34E-08	3.21E-08	1.25E-07	7.81E-08	2.40E-08	1.02E-07	1.85E-08	6.15E-09	2.46E-08	1.44E-08	2.96E-09	1.74E-08
4967	624757.62	4266200.51	9.13E-08	3.14E-08	1.23E-07	7.63E-08	2.35E-08	9.98E-08	1.81E-08	6.01E-09	2.41E-08	1.41E-08	2.90E-09	1.70E-08
4968	624767.51	4266200.69	8.85E-08	3.04E-08	1.19E-07	7.39E-08	2.28E-08	9.67E-08	1.75E-08	5.83E-09	2.33E-08	1.36E-08	2.81E-09	1.65E-08
4969	624777.4	4266200.87	8.55E-08	2.94E-08	1.15E-07	7.15E-08	2.20E-08	9.35E-08	1.69E-08	5.63E-09	2.26E-08	1.32E-08	2.71E-09	1.59E-08
4970	624787.29	4266201.04	8.27E-08	2.84E-08	1.11E-07	6.91E-08	2.13E-08	9.04E-08	1.64E-08	5.45E-09	2.18E-08	1.28E-08	2.62E-09	1.54E-08
4971	624797.18	4266201.22	7.99E-08	2.75E-08	1.07E-07	6.68E-08	2.06E-08	8.73E-08	1.58E-08	5.26E-09	2.11E-08	1.23E-08	2.54E-09	1.49E-08
4972	624807.07	4266201.4	7.66E-08	2.63E-08	1.03E-07	6.40E-08	1.97E-08	8.38E-08	1.52E-08	5.05E-09	2.02E-08	1.18E-08	2.43E-09	1.43E-08
4973	624816.96	4266201.57	7.26E-08	2.50E-08	9.75E-08	6.07E-08	1.87E-08	7.93E-08	1.44E-08	4.78E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
4974	624826.85	4266201.75	6.79E-08	2.33E-08	9.12E-08	5.67E-08	1.75E-08	7.42E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
4975	624836.74	4266201.93	6.30E-08	2.17E-08	8.46E-08	5.26E-08	1.62E-08	6.88E-08	1.25E-08	4.15E-09	1.66E-08	9.72E-09	2.00E-09	1.17E-08
4976	624846.63	4266202.1	5.82E-08	2.00E-08	7.82E-08	4.86E-08	1.50E-08	6.36E-08	1.15E-08	3.83E-09	1.53E-08	8.97E-09	1.85E-09	1.08E-08
4977	624326.77	4266192.32	4.63E-08	1.59E-08	6.22E-08	3.87E-08	1.19E-08	5.06E-08	9.16E-09	3.05E-09	1.22E-08	7.14E-09	1.47E-09	8.61E-09
4978	624318.36	4266188.67	4.44E-08	1.53E-08	5.96E-08	3.71E-08	1.14E-08	4.85E-08	8.78E-09	2.92E-09	1.17E-08	6.84E-09	1.41E-09	8.25E-09
4979	624306.58	4266176.49	4.25E-08	1.46E-08	5.71E-08	3.55E-08	1.09E-08	4.65E-08	8.41E-09	2.80E-09	1.12E-08	6.56E-09	1.35E-09	7.91E-09
4980	624303.2	4266167.97	4.24E-08	1.46E-08	5.70E-08	3.55E-08	1.09E-08	4.64E-08	8.40E-09	2.80E-09	1.12E-08	6.55E-09	1.35E-09	7.89E-09
4981	624450.88	4266205.04	8.24E-08	2.83E-08	1.11E-07	6.88E-08	2.12E-08	9.00E-08	1.63E-08	5.43E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
4982	624460.77	4266205.21	8.46E-08	2.91E-08	1.14E-07	7.07E-08	2.18E-08	9.25E-08	1.67E-08	5.57E-09	2.23E-08	1.31E-08	2.68E-09	1.57E-08
4983	624470.66	4266205.39	8.68E-08	2.99E-08	1.17E-07	7.26E-08	2.24E-08	9.49E-08	1.72E-08	5.72E-09	2.29E-08	1.34E-08	2.76E-09	1.62E-08
4984	624480.55	4266205.57	8.89E-08	3.06E-08	1.19E-07	7.43E-08	2.29E-08	9.72E-08	1.76E-08	5.86E-09	2.35E-08	1.37E-08	2.82E-09	1.65E-08
4985	624490.44	4266205.74	9.06E-08	3.11E-08	1.22E-07	7.57E-08	2.33E-08	9.90E-08	1.79E-08	5.97E-09	2.39E-08	1.40E-08	2.87E-09	1.69E-08
4986	624500.33	4266205.92	9.18E-08	3.16E-08	1.23E-07	7.67E-08	2.36E-08	1.00E-07	1.82E-08	6.05E-09	2.42E-08	1.42E-08	2.91E-09	1.71E-08
4987	624668.44	4266208.92	9.44E-08	3.25E-08	1.27E-07	7.89E-08	2.43E-08	1.03E-07	1.87E-08	6.22E-09	2.49E-08	1.46E-08	3.00E-09	1.76E-08
4988	624678.33	4266209.1	9.37E-08	3.22E-08	1.26E-07	7.83E-08	2.41E-08	1.02E-07	1.85E-08	6.17E-09	2.47E-08	1.45E-08	2.97E-09	1.74E-08
4989	624688.22	4266209.27	9.26E-08	3.18E-08	1.24E-07	7.74E-08	2.38E-08	1.01E-07	1.83E-08	6.10E-09	2.44E-08	1.43E-08	2.94E-09	1.72E-08
4990	624698.11	4266209.45	9.11E-08	3.13E-08	1.22E-07	7.62E-08	2.35E-08	9.96E-08	1.80E-08	6.00E-09	2.40E-08	1.41E-08	2.89E-09	1.70E-08
4991	624708	4266209.63	8.96E-08	3.08E-08	1.20E-07	7.49E-08	2.31E-08	9.80E-08	1.77E-08	5.91E-09	2.36E-08	1.38E-08	2.84E-09	1.67E-08
4992	624717.89	4266209.8	8.83E-08	3.04E-08	1.19E-07	7.38E-08	2.27E-08	9.66E-08	1.75E-08	5.82E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
4993	624343.64	4266209.72	4.76E-08	1.64E-08	6.40E-08	3.98E-08	1.23E-08	5.21E-08	9.42E-09	3.14E-09	1.26E-08	7.35E-09	1.51E-09	8.86E-09
4994	624299.49	4266183.69	3.98E-08	1.37E-08	5.35E-08	3.33E-08	1.03E-08	4.35E-08	7.88E-09	2.62E-09	1.05E-08	6.14E-09	1.26E-09	7.41E-09
4995	624292.92	4266167.12	3.97E-08	1.36E-08	5.33E-08	3.32E-08	1.02E-08	4.34E-08	7.85E-09	2.61E-09	1.05E-08	6.12E-09	1.26E-09	7.38E-09
4996	624351.81	4266213.27	4.89E-08	1.68E-08	6.57E-08	4.09E-08	1.26E-08	5.34E-08	9.68E-09	3.22E-09	1.29E-08	7.54E-09	1.55E-09	9.09E-09
4997	624361.7	4266213.45	5.14E-08	1.77E-08	6.91E-08	4.30E-08	1.32E-08	5.62E-08	1.02E-08	3.39E-09	1.36E-08	7.93E-09	1.63E-09	9.56E-09
4998	624371.59	4266213.62	5.40E-08	1.86E-08	7.26E-08	4.51E-08	1.39E-08	5.90E-08	1.07E-08	3.56E-09	1.42E-08	8.33E-09	1.71E-09	1.00E-08
4999	624381.48	4266213.8	5.68E-08	1.95E-08	7.63E-08	4.74E-08	1.46E-08	6.21E-08	1.12E-08	3.74E-09	1.50E-08	8.76E-09	1.80E-09	1.06E-08
5000	624391.37	4266213.98	5.97E-08	2.05E-08	8.02E-08	4.99E-08	1.54E-08	6.52E-08	1.18E-08	3.93E-09	1.57E-08	9.21E-09	1.89E-09	1.11E-08
5001	624401.26	4266214.15	6.27E-08	2.16E-08	8.43E-08	5.24E-08	1.61E-08	6.85E-08	1.24E-08	4.13E-09	1.65E-08	9.67E-09	1.99E-09	1.17E-08
5002	624411.15	4266214.33	6.58E-08	2.26E-08	8.84E-08	5.50E-08	1.69E-08	7.19E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.09E-09	1.22E-08
5003	624421.03	4266214.51	6.87E-08	2.36E-08	9.23E-08	5.74E-08	1.77E-08	7.51E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
5004	624450.7	4266215.03	7.58E-08	2.61E-08	1.02E-07	6.33E-08	1.95E-08	8.29E-08	1.50E-08	4.99E-09	2.00E-08	1.17E-08	2.41E-09	1.41E-08
5005	624460.59	4266215.21	7.78E-08	2.68E-08	1.05E-07	6.51E-08	2.00E-08	8.51E-08	1.54E-08	5.13E-09	2.05E-08	1.20E-08	2.47E-09	1.45E-08
5006	624470.48	4266215.39	7.98E-08	2.74E-08	1.07E-07	6.67E-08	2.05E-08	8.73E-08	1.58E-08	5.26E-09	2.11E-08	1.23E-08	2.53E-09	1.48E-08
5007	624480.37	4266215.56	8.16E-08	2.81E-08	1.10E-07	6.82E-08	2.10E-08	8.93E-08	1.62E-08	5.38E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
5008	624490.26	4266215.74	8.32E-08	2.86E-08	1.12E-07	6.95E-08	2.14E-08	9.10E-08	1.65E-08	5.48E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
5009	624500.15	4266215.92	8.44E-08	2.90E-08	1.13E-07	7.06E-08	2.17E-08	9.23E-08	1.67E-08	5.56E-09	2.23E-08	1.30E-08	2.68E-09	1.57E-08
5010	624529.82	4266216.45	8.73E-08	3.00E-08	1.17E-07	7.29E-08	2.25E-08	9.54E-08	1.73E-08	5.75E-09	2.30E-08	1.35E-08	2.77E-09	1.62E-08
5011	624539.7	4266216.62	8.82E-08	3.03E-08	1.18E-07	7.37E-08	2.27E-08	9.64E-08	1.74E-08	5.81E-09	2.33E-08	1.36E-08	2.80E-09	1.64E-08
5012	624549.59	4266216.8	8.89E-08	3.06E-08	1.19E-07	7.43E-08	2.29E-08	9.72E-08	1.76E-08	5.86E-09	2.35E-08	1.37E-08	2.82E-09	1.65E-08
5013	624559.48	4266216.98	8.94E-08	3.07E-08	1.20E-07	7.47E-08	2.30E-08	9.77E-08	1.77E-08	5.89E-09	2.36E-08	1.38E-08	2.84E-09	1.66E-08
5014	624569.37	4266217.15	8.97E-08	3.08E-08	1.20E-07	7.49E-08	2.31E-08	9.80E-08	1.77E-08	5.91E-09	2.37E-08	1.38E-08	2.85E-09	1.67E-08
5015	624579.26	4266217.33	8.98E-08	3.09E-08	1.21E-07	7.50E-08	2.31E-08	9.82E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
5016	624589.15	4266217.51	8.99E-08	3.09E-08	1.21E-07	7.51E-08	2.31E-08	9.83E-08	1.78E-08	5.92E-09	2.37E-08	1.39E-08	2.85E-09	1.67E-08
5017	624599.04	4266217.68	9.00E-08	3.09E-08	1.21E-07	7.52E-08	2.32E-08	9.84E-08	1.78E-08	5.93E-09	2.37E-08	1.39E-08	2.86E-09	1.67E-08
5018	624608.93	4266217.86	9.00E-08	3.09E-08	1.21E-07	7.52E-08	2.32E-08	9.84E-08	1.78E-08	5.93E-09	2.37E-08	1.39E-08	2.86E-09	1.67E-08
5019	624618.82	4266218.04	8.97E-08	3.08E-08	1.21E-07	7.50E-08	2.31E-08	9.81E-08	1.78E-08	5.91E-09	2.37E-08	1.38E-08	2.85E-09	1.67E-08
5020	624668.26	4266218.92	8.71E-08	3.00E-08	1.17E-07	7.28E-08	2.24E-08	9.52E-08	1.72E-08	5.74E-09	2.30E-08	1.34E-08	2.76E-09	1.62E-08
5021	624678.15	4266219.1	8.64E-08	2.97E-08	1.16E-07	7.22E-08	2.23E-08	9.45E-08	1.71E-08	5.69E-09	2.28E-08	1.33E-08	2.74E-09	1.61E-08
5022	624688.04	4266219.27	8.54E-08	2.94E-08	1.15E-07	7.14E-08	2.20E-08	9.34E-08	1.69E-08	5.63E-09	2.25E-08	1.32E-08	2.71E-09	1.59E-08
5023	624697.93	4266219.45	8.42E-08	2.90E-08	1.13E-07	7.04E-08	2.17E-08	9.21E-08	1.67E-08	5.55E-09	2.22E-08	1.30E-08	2.67E-09	1.57E-08
5024	624707.82	4266219.63	8.29E-08	2.85E-08	1.11E-07	6.93E-08	2.13E-08	9.06E-08	1.64E-08	5.46E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
5025	624717.71	4266219.8	8.16E-08	2.81E-08	1.10E-07	6.82E-08	2.10E-08	8.92E-08	1.61E-08	5.38E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
5026	624343.62	4266219.79	4.54E-08	1.56E-08	6.10E-08	3.79E-08	1.17E-08	4.96E-08	8.99E-09	2.99E-09	1.20E-08	7.01E-09	1.44E-09	8.45E-09
5027	624327.61	4266212.84	4.30E-08	1.48E-08	5.78E-08	3.59E-08	1.11E-08	4.70E-08	8.51E-09	2.83E-09	1.13E-08	6.63E-09	1.36E-09	8.00E-09
5028	624292.37	4266190.81	3.75E-08	1.29E-08	5.03E-08	3.13E-08	9.64E-09	4.10E-08	7.41E-09	2.47E-09	9.88E-09	5.78E-09	1.19E-09	6.97E-09
5029	624289.15	4266182.7	3.74E-08	1.29E-08	5.03E-08	3.13E-08	9.64E-09	4.09E-08	7.41E-09	2.47E-09	9.88E-09	5.78E-09	1.19E-09	6.97E-09
5030	624282.72	4266166.47	3.72E-08	1.28E-08	5.00E-08	3.11E-08	9.58E-09	4.07E-08	7.37E-09	2.45E-09	9.82E-09	5.74E-09	1.18E-09	6.93E-09
5031	624361.52	4266223.44	4.86E-08	1.67E-08	6.54E-08	4.07E-08	1.25E-08	5.32E-08	9.63E-09	3.20E-09	1.28E-08	7.50E-09	1.54E-09	9.05E-09
5032	624371.41	4266223.62	5.09E-08	1.75E-08	6.84E-08	4.26E-08	1.31E-08	5.57E-08	1.01E-08	3.36E-09	1.34E-08	7.86E-09	1.62E-09	9.47E-09
5033	624381.3	4266223.8	5.33E-08	1.83E-08	7.17E-08	4.46E-08	1.37E-08	5.83E-08	1.06E-08	3.51E-09	1.41E-08	8.23E-09	1.69E-09	9.92E-09

5034	624391.19	4266223.97	5.58E-08	1.92E-08	7.50E-08	4.66E-08	1.44E-08	6.10E-08	1.10E-08	3.68E-09	1.47E-08	8.61E-09	1.77E-09	1.04E-08
5035	624401.08	4266224.15	5.84E-08	2.01E-08	7.84E-08	4.88E-08	1.50E-08	6.38E-08	1.16E-08	3.85E-09	1.54E-08	9.01E-09	1.85E-09	1.09E-08
5036	624410.97	4266224.33	6.10E-08	2.10E-08	8.19E-08	5.10E-08	1.57E-08	6.67E-08	1.21E-08	4.02E-09	1.61E-08	9.41E-09	1.93E-09	1.13E-08
5037	624420.86	4266224.5	6.35E-08	2.18E-08	8.53E-08	5.31E-08	1.63E-08	6.94E-08	1.26E-08	4.18E-09	1.68E-08	9.80E-09	2.01E-09	1.18E-08
5038	624450.52	4266225.03	7.01E-08	2.41E-08	9.41E-08	5.86E-08	1.80E-08	7.66E-08	1.39E-08	4.62E-09	1.85E-08	1.08E-08	2.22E-09	1.30E-08
5039	624460.41	4266225.21	7.19E-08	2.47E-08	9.67E-08	6.01E-08	1.85E-08	7.86E-08	1.42E-08	4.74E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
5040	624470.3	4266225.39	7.37E-08	2.53E-08	9.90E-08	6.16E-08	1.90E-08	8.06E-08	1.46E-08	4.85E-09	1.94E-08	1.14E-08	2.34E-09	1.37E-08
5041	624480.19	4266225.56	7.53E-08	2.59E-08	1.01E-07	6.30E-08	1.94E-08	8.24E-08	1.49E-08	4.96E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
5042	624490.08	4266225.74	7.68E-08	2.64E-08	1.03E-07	6.42E-08	1.98E-08	8.39E-08	1.52E-08	5.06E-09	2.03E-08	1.18E-08	2.44E-09	1.43E-08
5043	624499.97	4266225.92	7.80E-08	2.68E-08	1.05E-07	6.52E-08	2.01E-08	8.53E-08	1.54E-08	5.14E-09	2.06E-08	1.20E-08	2.48E-09	1.45E-08
5044	624529.64	4266226.45	8.07E-08	2.78E-08	1.08E-07	6.75E-08	2.08E-08	8.83E-08	1.60E-08	5.32E-09	2.13E-08	1.25E-08	2.56E-09	1.50E-08
5045	624539.53	4266226.62	8.15E-08	2.80E-08	1.10E-07	6.81E-08	2.10E-08	8.91E-08	1.61E-08	5.37E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
5046	624549.42	4266226.8	8.21E-08	2.82E-08	1.10E-07	6.87E-08	2.11E-08	8.98E-08	1.63E-08	5.41E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
5047	624559.3	4266226.98	8.26E-08	2.84E-08	1.11E-07	6.91E-08	2.13E-08	9.03E-08	1.64E-08	5.44E-09	2.18E-08	1.28E-08	2.62E-09	1.54E-08
5048	624569.19	4266227.15	8.30E-08	2.85E-08	1.11E-07	6.93E-08	2.14E-08	9.07E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.63E-09	1.54E-08
5049	624579.08	4266227.33	8.31E-08	2.86E-08	1.12E-07	6.95E-08	2.14E-08	9.09E-08	1.65E-08	5.48E-09	2.19E-08	1.28E-08	2.64E-09	1.55E-08
5050	624588.97	4266227.51	8.32E-08	2.86E-08	1.12E-07	6.96E-08	2.14E-08	9.10E-08	1.65E-08	5.48E-09	2.20E-08	1.28E-08	2.64E-09	1.55E-08
5051	624598.86	4266227.68	8.33E-08	2.86E-08	1.12E-07	6.96E-08	2.14E-08	9.11E-08	1.65E-08	5.49E-09	2.20E-08	1.29E-08	2.64E-09	1.55E-08
5052	624608.75	4266227.86	8.32E-08	2.86E-08	1.12E-07	6.96E-08	2.14E-08	9.10E-08	1.65E-08	5.48E-09	2.20E-08	1.28E-08	2.64E-09	1.55E-08
5053	624618.64	4266228.04	8.30E-08	2.86E-08	1.12E-07	6.94E-08	2.14E-08	9.08E-08	1.64E-08	5.47E-09	2.19E-08	1.28E-08	2.64E-09	1.54E-08
5054	624628.53	4266228.21	8.27E-08	2.84E-08	1.11E-07	6.91E-08	2.13E-08	9.04E-08	1.64E-08	5.45E-09	2.18E-08	1.28E-08	2.62E-09	1.54E-08
5055	624638.42	4266228.39	8.22E-08	2.83E-08	1.11E-07	6.87E-08	2.12E-08	8.99E-08	1.63E-08	5.42E-09	2.17E-08	1.27E-08	2.61E-09	1.53E-08
5056	624668.09	4266228.92	8.07E-08	2.78E-08	1.08E-07	6.75E-08	2.08E-08	8.82E-08	1.60E-08	5.32E-09	2.13E-08	1.25E-08	2.56E-09	1.50E-08
5057	624677.98	4266229.1	8.00E-08	2.75E-08	1.08E-07	6.69E-08	2.06E-08	8.75E-08	1.58E-08	5.27E-09	2.11E-08	1.24E-08	2.54E-09	1.49E-08
5058	624687.86	4266229.27	7.92E-08	2.72E-08	1.06E-07	6.62E-08	2.04E-08	8.65E-08	1.57E-08	5.22E-09	2.09E-08	1.22E-08	2.51E-09	1.47E-08
5059	624697.75	4266229.45	7.81E-08	2.68E-08	1.05E-07	6.53E-08	2.01E-08	8.54E-08	1.55E-08	5.14E-09	2.06E-08	1.20E-08	2.48E-09	1.45E-08
5060	624707.64	4266229.62	7.69E-08	2.64E-08	1.03E-07	6.43E-08	1.98E-08	8.41E-08	1.52E-08	5.07E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
5061	624717.53	4266229.8	7.57E-08	2.60E-08	1.02E-07	6.32E-08	1.95E-08	8.27E-08	1.50E-08	4.98E-09	2.00E-08	1.17E-08	2.40E-09	1.41E-08
5062	624747.2	4266230.33	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
5063	624757.09	4266230.51	7.02E-08	2.42E-08	9.44E-08	5.87E-08	1.81E-08	7.68E-08	1.39E-08	4.63E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
5064	624766.98	4266230.68	6.85E-08	2.35E-08	9.20E-08	5.72E-08	1.76E-08	7.49E-08	1.36E-08	4.51E-09	1.81E-08	1.06E-08	2.17E-09	1.27E-08
5065	624776.87	4266230.86	6.65E-08	2.29E-08	8.94E-08	5.56E-08	1.71E-08	7.28E-08	1.32E-08	4.38E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
5066	624786.76	4266231.04	6.45E-08	2.22E-08	8.67E-08	5.39E-08	1.66E-08	7.06E-08	1.28E-08	4.25E-09	1.70E-08	9.96E-09	2.05E-09	1.20E-08
5067	624796.65	4266231.21	6.25E-08	2.15E-08	8.40E-08	5.22E-08	1.61E-08	6.83E-08	1.24E-08	4.12E-09	1.65E-08	9.64E-09	1.98E-09	1.16E-08
5068	624806.53	4266231.39	6.04E-08	2.08E-08	8.11E-08	5.05E-08	1.55E-08	6.60E-08	1.20E-08	3.98E-09	1.59E-08	9.32E-09	1.92E-09	1.12E-08
5069	624816.42	4266231.57	5.81E-08	2.00E-08	7.81E-08	4.85E-08	1.50E-08	6.35E-08	1.15E-08	3.83E-09	1.53E-08	8.96E-09	1.84E-09	1.08E-08
5070	624826.31	4266231.74	5.55E-08	1.91E-08	7.46E-08	4.64E-08	1.43E-08	6.07E-08	1.10E-08	3.66E-09	1.47E-08	8.57E-09	1.76E-09	1.03E-08
5071	624836.2	4266231.92	5.28E-08	1.82E-08	7.10E-08	4.41E-08	1.36E-08	5.77E-08	1.05E-08	3.48E-09	1.39E-08	8.15E-09	1.68E-09	9.83E-09
5072	624846.09	4266232.1	5.00E-08	1.72E-08	6.72E-08	4.18E-08	1.29E-08	5.46E-08	9.89E-09	3.29E-09	1.32E-08	7.71E-09	1.59E-09	9.30E-09
5073	624342.45	4266229.35	4.32E-08	1.49E-08	5.81E-08	3.61E-08	1.11E-08	4.72E-08	8.55E-09	2.85E-09	1.14E-08	6.67E-09	1.37E-09	8.04E-09
5074	624333.44	4266225.44	4.21E-08	1.45E-08	5.66E-08	3.52E-08	1.08E-08	4.60E-08	8.33E-09	2.77E-09	1.11E-08	6.50E-09	1.34E-09	7.83E-09
5075	624324.43	4266221.53	4.09E-08	1.40E-08	5.49E-08	3.42E-08	1.05E-08	4.47E-08	8.09E-09	2.69E-09	1.08E-08	6.30E-09	1.30E-09	7.60E-09
5076	624315.42	4266217.62	3.95E-08	1.36E-08	5.31E-08	3.30E-08	1.02E-08	4.32E-08	7.82E-09	2.60E-09	1.04E-08	6.10E-09	1.25E-09	7.35E-09
5077	624306.42	4266213.71	3.81E-08	1.31E-08	5.12E-08	3.19E-08	9.81E-09	4.17E-08	7.55E-09	2.51E-09	1.01E-08	5.88E-09	1.21E-09	7.09E-09
5078	624297.41	4266209.79	3.67E-08	1.26E-08	4.93E-08	3.07E-08	9.45E-09	4.01E-08	7.26E-09	2.42E-09	9.68E-09	5.66E-09	1.16E-09	6.83E-09
5079	624281.16	4266187.62	3.53E-08	1.21E-08	4.75E-08	2.95E-08	9.10E-09	3.86E-08	6.99E-09	2.33E-09	9.32E-09	5.45E-09	1.12E-09	6.57E-09
5080	624277.54	4266178.5	3.52E-08	1.21E-08	4.74E-08	2.95E-08	9.07E-09	3.85E-08	6.98E-09	2.32E-09	9.30E-09	5.44E-09	1.12E-09	6.56E-09
5081	624273.93	4266169.37	3.51E-08	1.21E-08	4.72E-08	2.93E-08	9.04E-09	3.84E-08	6.95E-09	2.31E-09	9.26E-09	5.42E-09	1.11E-09	6.53E-09
5082	624351.45	4266233.27	4.42E-08	1.52E-08	5.94E-08	3.69E-08	1.14E-08	4.83E-08	8.75E-09	2.91E-09	1.17E-08	6.82E-09	1.40E-09	8.22E-09
5083	624361.34	4266233.44	4.61E-08	1.59E-08	6.20E-08	3.86E-08	1.19E-08	5.04E-08	9.13E-09	3.04E-09	1.22E-08	7.12E-09	1.46E-09	8.58E-09
5084	624371.23	4266233.62	4.82E-08	1.66E-08	6.47E-08	4.02E-08	1.24E-08	5.26E-08	9.53E-09	3.17E-09	1.27E-08	7.43E-09	1.53E-09	8.96E-09
5085	624381.12	4266233.8	5.02E-08	1.73E-08	6.75E-08	4.20E-08	1.29E-08	5.49E-08	9.94E-09	3.31E-09	1.33E-08	7.75E-09	1.59E-09	9.35E-09
5086	624391.01	4266233.97	5.24E-08	1.80E-08	7.04E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.45E-09	1.38E-08	8.08E-09	1.66E-09	9.74E-09
5087	624400.9	4266234.15	5.46E-08	1.88E-08	7.33E-08	4.56E-08	1.40E-08	5.97E-08	1.08E-08	3.60E-09	1.44E-08	8.42E-09	1.73E-09	1.02E-08
5088	624410.79	4266234.33	5.68E-08	1.95E-08	7.63E-08	4.75E-08	1.46E-08	6.21E-08	1.12E-08	3.74E-09	1.50E-08	8.76E-09	1.80E-09	1.06E-08
5089	624420.68	4266234.5	5.90E-08	2.03E-08	7.93E-08	4.93E-08	1.52E-08	6.45E-08	1.17E-08	3.89E-09	1.56E-08	9.11E-09	1.87E-09	1.10E-08
5090	624450.35	4266235.03	6.50E-08	2.23E-08	8.73E-08	5.43E-08	1.67E-08	7.11E-08	1.29E-08	4.28E-09	1.71E-08	1.00E-08	2.06E-09	1.21E-08
5091	624460.23	4266235.21	6.67E-08	2.29E-08	8.96E-08	5.58E-08	1.72E-08	7.29E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
5092	624470.12	4266235.38	6.83E-08	2.35E-08	9.18E-08	5.71E-08	1.76E-08	7.47E-08	1.35E-08	4.50E-09	1.80E-08	1.05E-08	2.17E-09	1.27E-08
5093	624480.01	4266235.56	6.98E-08	2.40E-08	9.38E-08	5.84E-08	1.80E-08	7.63E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.22E-09	1.30E-08
5094	624489.9	4266235.74	7.12E-08	2.45E-08	9.56E-08	5.95E-08	1.83E-08	7.78E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.32E-08
5095	624499.79	4266235.91	7.23E-08	2.49E-08	9.72E-08	6.05E-08	1.86E-08	7.91E-08	1.43E-08	4.77E-09	1.91E-08	1.12E-08	2.30E-09	1.35E-08
5096	624529.46	4266236.44	7.49E-08	2.58E-08	1.01E-07	6.26E-08	1.93E-08	8.19E-08	1.48E-08	4.94E-09	1.98E-08	1.16E-08	2.38E-09	1.39E-08
5097	624539.35	4266236.62	7.56E-08	2.60E-08	1.02E-07	6.32E-08	1.95E-08	8.27E-08	1.50E-08	4.98E-09	1.99E-08	1.17E-08	2.40E-09	1.41E-08
5098	624549.24	4266236.8	7.62E-08	2.62E-08	1.02E-07	6.37E-08	1.96E-08	8.33E-08	1.51E-08	5.02E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
5099	624559.13	4266236.97	7.67E-08	2.64E-08	1.03E-07	6.41E-08	1.98E-08	8.39E-08	1.52E-08	5.05E-09	2.02E-08	1.18E-08	2.43E-09	1.43E-08
5100	624569.02	4266237.15	7.71E-08	2.65E-08	1.04E-07	6.44E-08	1.98E-08	8.43E-08	1.53E-08	5.08E-09	2.03E-08	1.19E-08	2.45E-09	1.43E-08
5101	624578.9	4266237.33	7.73E-08	2.66E-08	1.04E-07	6.46E-08	1.99E-08	8.45E-08	1.53E-08	5.09E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
5102	624588.79	4266237.5	7.74E-08	2.66E-08	1.04E-07	6.47E-08	1.99E-08	8.46E-08	1.53E-08	5.10E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08

5103	624598.68	4266237.68	7.74E-08	2.66E-08	1.04E-07	6.47E-08	1.99E-08	8.46E-08	1.53E-08	5.10E-09	2.04E-08	1.19E-08	2.46E-09	1.44E-08
5104	624608.57	4266237.86	7.73E-08	2.66E-08	1.04E-07	6.46E-08	1.99E-08	8.45E-08	1.53E-08	5.09E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
5105	624618.46	4266238.03	7.72E-08	2.65E-08	1.04E-07	6.45E-08	1.99E-08	8.44E-08	1.53E-08	5.09E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
5106	624628.35	4266238.21	7.69E-08	2.65E-08	1.03E-07	6.43E-08	1.98E-08	8.41E-08	1.52E-08	5.07E-09	2.03E-08	1.19E-08	2.44E-09	1.43E-08
5107	624638.24	4266238.39	7.66E-08	2.63E-08	1.03E-07	6.40E-08	1.97E-08	8.37E-08	1.52E-08	5.04E-09	2.02E-08	1.18E-08	2.43E-09	1.42E-08
5108	624667.91	4266238.92	7.51E-08	2.58E-08	1.01E-07	6.27E-08	1.93E-08	8.21E-08	1.49E-08	4.95E-09	1.98E-08	1.16E-08	2.38E-09	1.40E-08
5109	624677.8	4266239.09	7.44E-08	2.56E-08	1.00E-07	6.22E-08	1.92E-08	8.14E-08	1.47E-08	4.90E-09	1.96E-08	1.15E-08	2.36E-09	1.38E-08
5110	624687.69	4266239.27	7.36E-08	2.53E-08	9.89E-08	6.15E-08	1.90E-08	8.05E-08	1.46E-08	4.85E-09	1.94E-08	1.14E-08	2.34E-09	1.37E-08
5111	624697.58	4266239.45	7.26E-08	2.50E-08	9.76E-08	6.07E-08	1.87E-08	7.94E-08	1.44E-08	4.79E-09	1.92E-08	1.12E-08	2.31E-09	1.35E-08
5112	624707.46	4266239.62	7.16E-08	2.46E-08	9.62E-08	5.98E-08	1.84E-08	7.82E-08	1.42E-08	4.72E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
5113	624717.35	4266239.8	7.04E-08	2.42E-08	9.46E-08	5.88E-08	1.81E-08	7.70E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.23E-09	1.31E-08
5114	624747.02	4266240.33	6.66E-08	2.29E-08	8.95E-08	5.57E-08	1.71E-08	7.28E-08	1.32E-08	4.39E-09	1.76E-08	1.03E-08	2.11E-09	1.24E-08
5115	624756.91	4266240.51	6.52E-08	2.24E-08	8.76E-08	5.45E-08	1.68E-08	7.13E-08	1.29E-08	4.29E-09	1.72E-08	1.01E-08	2.07E-09	1.21E-08
5116	624766.8	4266240.68	6.36E-08	2.19E-08	8.55E-08	5.32E-08	1.64E-08	6.95E-08	1.26E-08	4.19E-09	1.68E-08	9.82E-09	2.02E-09	1.18E-08
5117	624776.69	4266240.86	6.19E-08	2.13E-08	8.32E-08	5.17E-08	1.59E-08	6.77E-08	1.23E-08	4.08E-09	1.63E-08	9.55E-09	1.96E-09	1.15E-08
5118	624786.58	4266241.04	6.01E-08	2.07E-08	8.08E-08	5.02E-08	1.55E-08	6.57E-08	1.19E-08	3.96E-09	1.59E-08	9.28E-09	1.91E-09	1.12E-08
5119	624796.47	4266241.21	5.83E-08	2.00E-08	7.83E-08	4.87E-08	1.50E-08	6.37E-08	1.15E-08	3.84E-09	1.54E-08	9.00E-09	1.85E-09	1.08E-08
5120	624806.36	4266241.39	5.64E-08	1.94E-08	7.58E-08	4.72E-08	1.45E-08	6.17E-08	1.12E-08	3.72E-09	1.49E-08	8.71E-09	1.79E-09	1.05E-08
5121	624816.25	4266241.57	5.44E-08	1.87E-08	7.32E-08	4.55E-08	1.40E-08	5.95E-08	1.08E-08	3.59E-09	1.44E-08	8.40E-09	1.73E-09	1.01E-08
5122	624826.13	4266241.74	5.23E-08	1.80E-08	7.03E-08	4.37E-08	1.35E-08	5.72E-08	1.03E-08	3.44E-09	1.38E-08	8.07E-09	1.66E-09	9.73E-09
5123	624836.02	4266241.92	5.00E-08	1.72E-08	6.71E-08	4.18E-08	1.29E-08	5.46E-08	9.89E-09	3.29E-09	1.32E-08	7.71E-09	1.59E-09	9.29E-09
5124	624845.91	4266242.1	4.75E-08	1.63E-08	6.39E-08	3.97E-08	1.22E-08	5.20E-08	9.41E-09	3.13E-09	1.25E-08	7.33E-09	1.51E-09	8.84E-09
5125	624342.52	4266239.46	4.13E-08	1.42E-08	5.55E-08	3.45E-08	1.06E-08	4.52E-08	8.18E-09	2.72E-09	1.09E-08	6.37E-09	1.31E-09	7.68E-09
5126	624333.76	4266235.66	4.04E-08	1.39E-08	5.43E-08	3.38E-08	1.04E-08	4.42E-08	7.99E-09	2.66E-09	1.07E-08	6.23E-09	1.28E-09	7.51E-09
5127	624325	4266231.85	3.94E-08	1.35E-08	5.29E-08	3.29E-08	1.01E-08	4.30E-08	7.79E-09	2.59E-09	1.04E-08	6.08E-09	1.25E-09	7.33E-09
5128	624316.25	4266228.05	3.83E-08	1.32E-08	5.14E-08	3.20E-08	9.85E-09	4.18E-08	7.57E-09	2.52E-09	1.01E-08	5.90E-09	1.21E-09	7.12E-09
5129	624307.49	4266224.25	3.71E-08	1.28E-08	4.98E-08	3.10E-08	9.55E-09	4.05E-08	7.34E-09	2.44E-09	9.78E-09	5.72E-09	1.18E-09	6.90E-09
5130	624298.73	4266220.45	3.59E-08	1.23E-08	4.82E-08	3.00E-08	9.23E-09	3.92E-08	7.10E-09	2.36E-09	9.46E-09	5.53E-09	1.14E-09	6.67E-09
5131	624289.97	4266216.64	3.46E-08	1.19E-08	4.65E-08	2.89E-08	8.91E-09	3.78E-08	6.85E-09	2.28E-09	9.13E-09	5.34E-09	1.10E-09	6.44E-09
5132	624274.18	4266195.09	3.34E-08	1.15E-08	4.49E-08	2.80E-08	8.61E-09	3.66E-08	6.62E-09	2.20E-09	8.82E-09	5.16E-09	1.06E-09	6.22E-09
5133	624270.66	4266186.21	3.34E-08	1.15E-08	4.49E-08	2.79E-08	8.59E-09	3.65E-08	6.61E-09	2.20E-09	8.81E-09	5.15E-09	1.06E-09	6.21E-09
5134	624267.14	4266177.34	3.33E-08	1.14E-08	4.47E-08	2.78E-08	8.56E-09	3.64E-08	6.58E-09	2.19E-09	8.78E-09	5.13E-09	1.06E-09	6.19E-09
5135	624263.62	4266168.46	3.31E-08	1.14E-08	4.45E-08	2.77E-08	8.52E-09	3.62E-08	6.55E-09	2.18E-09	8.73E-09	5.11E-09	1.05E-09	6.16E-09
5136	624351.27	4266243.26	4.21E-08	1.45E-08	5.66E-08	3.52E-08	1.08E-08	4.61E-08	8.34E-09	2.78E-09	1.11E-08	6.50E-09	1.34E-09	7.84E-09
5137	624361.16	4266243.44	4.39E-08	1.51E-08	5.90E-08	3.67E-08	1.13E-08	4.80E-08	8.68E-09	2.89E-09	1.16E-08	6.77E-09	1.39E-09	8.16E-09
5138	624371.05	4266243.62	4.57E-08	1.57E-08	6.14E-08	3.82E-08	1.18E-08	4.99E-08	9.04E-09	3.01E-09	1.20E-08	7.04E-09	1.45E-09	8.49E-09
5139	624380.94	4266243.79	4.75E-08	1.63E-08	6.38E-08	3.97E-08	1.22E-08	5.19E-08	9.40E-09	3.13E-09	1.25E-08	7.33E-09	1.51E-09	8.83E-09
5140	624390.83	4266243.97	4.93E-08	1.70E-08	6.63E-08	4.12E-08	1.27E-08	5.39E-08	9.76E-09	3.25E-09	1.30E-08	7.61E-09	1.57E-09	9.18E-09
5141	624400.72	4266244.15	5.12E-08	1.76E-08	6.88E-08	4.28E-08	1.32E-08	5.60E-08	1.01E-08	3.37E-09	1.35E-08	7.90E-09	1.63E-09	9.53E-09
5142	624410.61	4266244.32	5.32E-08	1.83E-08	7.14E-08	4.44E-08	1.37E-08	5.81E-08	1.05E-08	3.50E-09	1.40E-08	8.20E-09	1.69E-09	9.89E-09
5143	624420.5	4266244.5	5.51E-08	1.90E-08	7.41E-08	4.61E-08	1.42E-08	6.03E-08	1.09E-08	3.63E-09	1.45E-08	8.50E-09	1.75E-09	1.03E-08
5144	624450.17	4266245.03	6.05E-08	2.08E-08	8.13E-08	5.06E-08	1.56E-08	6.62E-08	1.20E-08	3.99E-09	1.60E-08	9.34E-09	1.92E-09	1.13E-08
5145	624460.06	4266245.21	6.21E-08	2.14E-08	8.35E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.58E-09	1.97E-09	1.16E-08
5146	624469.94	4266245.38	6.36E-08	2.19E-08	8.54E-08	5.31E-08	1.64E-08	6.95E-08	1.26E-08	4.19E-09	1.68E-08	9.81E-09	2.02E-09	1.18E-08
5147	624479.83	4266245.56	6.50E-08	2.23E-08	8.73E-08	5.43E-08	1.67E-08	7.10E-08	1.29E-08	4.28E-09	1.71E-08	1.00E-08	2.06E-09	1.21E-08
5148	624489.72	4266245.74	6.62E-08	2.28E-08	8.90E-08	5.53E-08	1.70E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
5149	624499.61	4266245.91	6.73E-08	2.32E-08	9.05E-08	5.63E-08	1.73E-08	7.36E-08	1.33E-08	4.44E-09	1.78E-08	1.04E-08	2.14E-09	1.25E-08
5150	624529.28	4266246.44	6.98E-08	2.40E-08	9.38E-08	5.83E-08	1.80E-08	7.63E-08	1.38E-08	4.60E-09	1.84E-08	1.08E-08	2.21E-09	1.30E-08
5151	624539.17	4266246.62	7.04E-08	2.42E-08	9.46E-08	5.89E-08	1.81E-08	7.70E-08	1.39E-08	4.64E-09	1.86E-08	1.09E-08	2.23E-09	1.31E-08
5152	624549.06	4266246.8	7.10E-08	2.44E-08	9.54E-08	5.93E-08	1.83E-08	7.76E-08	1.40E-08	4.68E-09	1.87E-08	1.10E-08	2.25E-09	1.32E-08
5153	624558.95	4266246.97	7.15E-08	2.46E-08	9.60E-08	5.97E-08	1.84E-08	7.81E-08	1.41E-08	4.71E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
5154	624568.84	4266247.15	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
5155	624578.73	4266247.33	7.20E-08	2.48E-08	9.68E-08	6.02E-08	1.85E-08	7.87E-08	1.43E-08	4.74E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
5156	624588.62	4266247.5	7.21E-08	2.48E-08	9.69E-08	6.03E-08	1.86E-08	7.88E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
5157	624598.5	4266247.68	7.21E-08	2.48E-08	9.69E-08	6.03E-08	1.86E-08	7.88E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
5158	624608.39	4266247.86	7.21E-08	2.48E-08	9.69E-08	6.03E-08	1.86E-08	7.88E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
5159	624618.28	4266248.03	7.20E-08	2.48E-08	9.67E-08	6.02E-08	1.85E-08	7.87E-08	1.43E-08	4.74E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
5160	624628.17	4266248.21	7.18E-08	2.47E-08	9.65E-08	6.00E-08	1.85E-08	7.85E-08	1.42E-08	4.73E-09	1.89E-08	1.11E-08	2.28E-09	1.34E-08
5161	624638.06	4266248.39	7.15E-08	2.46E-08	9.60E-08	5.97E-08	1.84E-08	7.81E-08	1.41E-08	4.71E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
5162	624667.73	4266248.92	7.00E-08	2.41E-08	9.41E-08	5.85E-08	1.80E-08	7.66E-08	1.39E-08	4.61E-09	1.85E-08	1.08E-08	2.22E-09	1.30E-08
5163	624677.62	4266249.09	6.94E-08	2.39E-08	9.33E-08	5.80E-08	1.79E-08	7.59E-08	1.37E-08	4.57E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
5164	624687.51	4266249.27	6.87E-08	2.36E-08	9.23E-08	5.74E-08	1.77E-08	7.51E-08	1.36E-08	4.53E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
5165	624697.4	4266249.45	6.78E-08	2.33E-08	9.11E-08	5.67E-08	1.75E-08	7.41E-08	1.34E-08	4.47E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
5166	624707.29	4266249.62	6.68E-08	2.30E-08	8.98E-08	5.58E-08	1.72E-08	7.31E-08	1.32E-08	4.40E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
5167	624717.17	4266249.8	6.57E-08	2.26E-08	8.83E-08	5.49E-08	1.69E-08	7.18E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.09E-09	1.22E-08
5168	624746.84	4266250.33	6.21E-08	2.14E-08	8.34E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.58E-09	1.97E-09	1.16E-08
5169	624756.73	4266250.5	6.08E-08	2.09E-08	8.17E-08	5.08E-08	1.57E-08	6.65E-08	1.20E-08	4.01E-09	1.60E-08	9.38E-09	1.93E-09	1.13E-08
5170	624766.62	4266250.68	5.94E-08	2.04E-08	7.98E-08	4.96E-08	1.53E-08	6.49E-08	1.18E-08	3.91E-09	1.57E-08	9.16E-09	1.88E-09	1.10E-08
5171	624776.51	4266250.86	5.78E-08	1.99E-08	7.77E-08	4.84E-08	1.49E-08	6.32E-08	1.14E-08	3.81E-09	1.53E-08	8.93E-09	1.84E-09	1.08E-08

5172	624786.4	4266251.03	5.63E-08	1.93E-08	7.56E-08	4.70E-08	1.45E-08	6.15E-08	1.11E-08	3.71E-09	1.48E-08	8.68E-09	1.79E-09	1.05E-08
5173	624796.29	4266251.21	5.46E-08	1.88E-08	7.34E-08	4.57E-08	1.41E-08	5.97E-08	1.08E-08	3.60E-09	1.44E-08	8.43E-09	1.73E-09	1.02E-08
5174	624806.18	4266251.39	5.30E-08	1.82E-08	7.12E-08	4.43E-08	1.36E-08	5.79E-08	1.05E-08	3.49E-09	1.40E-08	8.17E-09	1.68E-09	9.85E-09
5175	624816.07	4266251.56	5.12E-08	1.76E-08	6.88E-08	4.28E-08	1.32E-08	5.60E-08	1.01E-08	3.37E-09	1.35E-08	7.90E-09	1.63E-09	9.53E-09
5176	624825.96	4266251.74	4.93E-08	1.70E-08	6.63E-08	4.12E-08	1.27E-08	5.39E-08	9.77E-09	3.25E-09	1.30E-08	7.61E-09	1.57E-09	9.18E-09
5177	624835.85	4266251.92	4.73E-08	1.63E-08	6.36E-08	3.96E-08	1.22E-08	5.18E-08	9.37E-09	3.12E-09	1.25E-08	7.30E-09	1.50E-09	8.81E-09
5178	624845.73	4266252.09	4.52E-08	1.56E-08	6.08E-08	3.78E-08	1.16E-08	4.95E-08	8.96E-09	2.98E-09	1.19E-08	6.98E-09	1.44E-09	8.42E-09
5179	624342.07	4266264.46	3.71E-08	1.28E-08	4.98E-08	3.10E-08	9.55E-09	4.05E-08	7.34E-09	2.44E-09	9.79E-09	5.72E-09	1.18E-09	6.90E-09
5180	624333.31	4266260.65	3.64E-08	1.25E-08	4.90E-08	3.04E-08	9.38E-09	3.98E-08	7.21E-09	2.40E-09	9.61E-09	5.62E-09	1.16E-09	6.78E-09
5181	624324.56	4266256.85	3.57E-08	1.23E-08	4.80E-08	2.99E-08	9.20E-09	3.90E-08	7.07E-09	2.35E-09	9.42E-09	5.51E-09	1.13E-09	6.64E-09
5182	624315.8	4266253.05	3.49E-08	1.20E-08	4.69E-08	2.92E-08	8.99E-09	3.82E-08	6.92E-09	2.30E-09	9.22E-09	5.39E-09	1.11E-09	6.50E-09
5183	624307.04	4266249.24	3.41E-08	1.17E-08	4.58E-08	2.85E-08	8.78E-09	3.73E-08	6.75E-09	2.25E-09	9.00E-09	5.26E-09	1.08E-09	6.34E-09
5184	624298.28	4266245.44	3.32E-08	1.14E-08	4.46E-08	2.77E-08	8.55E-09	3.63E-08	6.57E-09	2.19E-09	8.76E-09	5.12E-09	1.05E-09	6.18E-09
5185	624289.53	4266241.64	3.23E-08	1.11E-08	4.34E-08	2.70E-08	8.31E-09	3.53E-08	6.39E-09	2.13E-09	8.51E-09	4.98E-09	1.02E-09	6.00E-09
5186	624280.77	4266237.83	3.13E-08	1.08E-08	4.21E-08	2.62E-08	8.06E-09	3.42E-08	6.20E-09	2.06E-09	8.26E-09	4.83E-09	9.93E-10	5.82E-09
5187	624272.01	4266234.03	3.03E-08	1.04E-08	4.08E-08	2.54E-08	7.81E-09	3.32E-08	6.00E-09	2.00E-09	8.00E-09	4.68E-09	9.63E-10	5.64E-09
5188	624259.74	4266221.35	2.94E-08	1.01E-08	3.95E-08	2.46E-08	7.58E-09	3.22E-08	5.82E-09	1.94E-09	7.76E-09	4.54E-09	9.34E-10	5.47E-09
5189	624256.22	4266212.48	2.94E-08	1.01E-08	3.96E-08	2.46E-08	7.58E-09	3.22E-08	5.83E-09	1.94E-09	7.77E-09	4.54E-09	9.34E-10	5.48E-09
5190	624249.18	4266194.73	2.93E-08	1.01E-08	3.94E-08	2.45E-08	7.55E-09	3.21E-08	5.81E-09	1.93E-09	7.74E-09	4.53E-09	9.31E-10	5.46E-09
5191	624245.66	4266185.85	2.92E-08	1.01E-08	3.93E-08	2.44E-08	7.53E-09	3.20E-08	5.79E-09	1.93E-09	7.71E-09	4.51E-09	9.28E-10	5.44E-09
5192	624242.15	4266176.97	2.91E-08	1.00E-08	3.91E-08	2.43E-08	7.49E-09	3.18E-08	5.76E-09	1.92E-09	7.67E-09	4.49E-09	9.23E-10	5.41E-09
5193	624238.63	4266168.1	2.89E-08	9.94E-09	3.88E-08	2.42E-08	7.44E-09	3.16E-08	5.72E-09	1.90E-09	7.62E-09	4.46E-09	9.17E-10	5.38E-09
5194	624350.83	4266268.26	3.77E-08	1.30E-08	5.07E-08	3.15E-08	9.71E-09	4.12E-08	7.46E-09	2.48E-09	9.95E-09	5.82E-09	1.20E-09	7.01E-09
5195	624360.72	4266268.44	3.90E-08	1.34E-08	5.25E-08	3.26E-08	1.00E-08	4.27E-08	7.73E-09	2.57E-09	1.03E-08	6.02E-09	1.24E-09	7.26E-09
5196	624370.61	4266268.61	4.04E-08	1.39E-08	5.42E-08	3.37E-08	1.04E-08	4.41E-08	7.99E-09	2.66E-09	1.06E-08	6.23E-09	1.28E-09	7.51E-09
5197	624380.5	4266268.79	4.17E-08	1.43E-08	5.60E-08	3.49E-08	1.07E-08	4.56E-08	8.25E-09	2.75E-09	1.10E-08	6.43E-09	1.32E-09	7.76E-09
5198	624390.38	4266268.97	4.30E-08	1.48E-08	5.78E-08	3.60E-08	1.11E-08	4.71E-08	8.52E-09	2.84E-09	1.14E-08	6.64E-09	1.37E-09	8.01E-09
5199	624400.27	4266269.14	4.44E-08	1.53E-08	5.97E-08	3.71E-08	1.14E-08	4.86E-08	8.79E-09	2.93E-09	1.17E-08	6.85E-09	1.41E-09	8.26E-09
5200	624410.16	4266269.32	4.58E-08	1.58E-08	6.16E-08	3.83E-08	1.18E-08	5.01E-08	9.08E-09	3.02E-09	1.21E-08	7.07E-09	1.46E-09	8.53E-09
5201	624420.05	4266269.5	4.73E-08	1.63E-08	6.36E-08	3.95E-08	1.22E-08	5.17E-08	9.36E-09	3.12E-09	1.25E-08	7.30E-09	1.50E-09	8.80E-09
5202	624449.72	4266270.03	5.14E-08	1.77E-08	6.91E-08	4.30E-08	1.32E-08	5.62E-08	1.02E-08	3.39E-09	1.36E-08	7.94E-09	1.63E-09	9.57E-09
5203	624459.61	4266270.2	5.27E-08	1.81E-08	7.08E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.13E-09	1.67E-09	9.80E-09
5204	624469.5	4266270.38	5.39E-08	1.85E-08	7.24E-08	4.50E-08	1.39E-08	5.89E-08	1.07E-08	3.55E-09	1.42E-08	8.31E-09	1.71E-09	1.00E-08
5205	624479.39	4266270.56	5.50E-08	1.89E-08	7.39E-08	4.59E-08	1.42E-08	6.01E-08	1.09E-08	3.62E-09	1.45E-08	8.48E-09	1.74E-09	1.02E-08
5206	624489.28	4266270.73	5.60E-08	1.93E-08	7.53E-08	4.68E-08	1.44E-08	6.12E-08	1.11E-08	3.69E-09	1.48E-08	8.64E-09	1.78E-09	1.04E-08
5207	624499.17	4266270.91	5.70E-08	1.96E-08	7.65E-08	4.76E-08	1.47E-08	6.23E-08	1.13E-08	3.75E-09	1.50E-08	8.79E-09	1.81E-09	1.06E-08
5208	624528.83	4266271.44	5.91E-08	2.03E-08	7.94E-08	4.94E-08	1.52E-08	6.46E-08	1.17E-08	3.89E-09	1.56E-08	9.11E-09	1.87E-09	1.10E-08
5209	624538.72	4266271.62	5.96E-08	2.05E-08	8.01E-08	4.98E-08	1.53E-08	6.52E-08	1.18E-08	3.93E-09	1.57E-08	9.20E-09	1.89E-09	1.11E-08
5210	624548.61	4266271.79	6.01E-08	2.07E-08	8.08E-08	5.02E-08	1.55E-08	6.57E-08	1.19E-08	3.96E-09	1.59E-08	9.27E-09	1.91E-09	1.12E-08
5211	624558.5	4266271.97	6.05E-08	2.08E-08	8.13E-08	5.06E-08	1.56E-08	6.62E-08	1.20E-08	3.99E-09	1.60E-08	9.34E-09	1.92E-09	1.13E-08
5212	624568.39	4266272.15	6.08E-08	2.09E-08	8.17E-08	5.08E-08	1.57E-08	6.65E-08	1.20E-08	4.01E-09	1.60E-08	9.39E-09	1.93E-09	1.13E-08
5213	624578.28	4266272.32	6.10E-08	2.10E-08	8.20E-08	5.10E-08	1.57E-08	6.67E-08	1.21E-08	4.02E-09	1.61E-08	9.42E-09	1.94E-09	1.14E-08
5214	624588.17	4266272.5	6.11E-08	2.10E-08	8.22E-08	5.11E-08	1.57E-08	6.68E-08	1.21E-08	4.03E-09	1.61E-08	9.43E-09	1.94E-09	1.14E-08
5215	624598.06	4266272.68	6.12E-08	2.10E-08	8.22E-08	5.11E-08	1.58E-08	6.69E-08	1.21E-08	4.03E-09	1.61E-08	9.44E-09	1.94E-09	1.14E-08
5216	624607.95	4266272.85	6.12E-08	2.10E-08	8.22E-08	5.11E-08	1.58E-08	6.69E-08	1.21E-08	4.03E-09	1.61E-08	9.44E-09	1.94E-09	1.14E-08
5217	624617.84	4266273.03	6.11E-08	2.10E-08	8.22E-08	5.11E-08	1.57E-08	6.68E-08	1.21E-08	4.03E-09	1.61E-08	9.43E-09	1.94E-09	1.14E-08
5218	624627.73	4266273.2	6.10E-08	2.10E-08	8.20E-08	5.10E-08	1.57E-08	6.67E-08	1.21E-08	4.02E-09	1.61E-08	9.41E-09	1.94E-09	1.13E-08
5219	624637.61	4266273.38	6.08E-08	2.09E-08	8.16E-08	5.08E-08	1.56E-08	6.64E-08	1.20E-08	4.00E-09	1.60E-08	9.37E-09	1.93E-09	1.13E-08
5220	624667.28	4266273.91	5.96E-08	2.05E-08	8.00E-08	4.98E-08	1.53E-08	6.51E-08	1.18E-08	3.92E-09	1.57E-08	9.19E-09	1.89E-09	1.11E-08
5221	624677.17	4266274.09	5.91E-08	2.03E-08	7.94E-08	4.94E-08	1.52E-08	6.46E-08	1.17E-08	3.89E-09	1.56E-08	9.11E-09	1.87E-09	1.10E-08
5222	624687.06	4266274.26	5.85E-08	2.01E-08	7.86E-08	4.89E-08	1.51E-08	6.39E-08	1.16E-08	3.85E-09	1.54E-08	9.02E-09	1.86E-09	1.09E-08
5223	624696.95	4266274.44	5.78E-08	1.99E-08	7.76E-08	4.83E-08	1.49E-08	6.31E-08	1.14E-08	3.81E-09	1.52E-08	8.91E-09	1.83E-09	1.07E-08
5224	624706.84	4266274.62	5.69E-08	1.96E-08	7.65E-08	4.76E-08	1.47E-08	6.22E-08	1.13E-08	3.75E-09	1.50E-08	8.78E-09	1.81E-09	1.06E-08
5225	624716.73	4266274.79	5.60E-08	1.93E-08	7.53E-08	4.68E-08	1.44E-08	6.12E-08	1.11E-08	3.69E-09	1.48E-08	8.64E-09	1.78E-09	1.04E-08
5226	624746.4	4266275.32	5.30E-08	1.82E-08	7.12E-08	4.43E-08	1.36E-08	5.79E-08	1.05E-08	3.49E-09	1.40E-08	8.17E-09	1.68E-09	9.86E-09
5227	624756.29	4266275.5	5.19E-08	1.79E-08	6.98E-08	4.34E-08	1.34E-08	5.68E-08	1.03E-08	3.42E-09	1.37E-08	8.01E-09	1.65E-09	9.66E-09
5228	624766.17	4266275.68	5.08E-08	1.75E-08	6.83E-08	4.25E-08	1.31E-08	5.55E-08	1.01E-08	3.35E-09	1.34E-08	7.84E-09	1.61E-09	9.45E-09
5229	624776.06	4266275.85	4.96E-08	1.71E-08	6.67E-08	4.15E-08	1.28E-08	5.43E-08	9.82E-09	3.27E-09	1.31E-08	7.66E-09	1.57E-09	9.23E-09
5230	624785.95	4266276.03	4.84E-08	1.66E-08	6.50E-08	4.04E-08	1.25E-08	5.29E-08	9.58E-09	3.19E-09	1.28E-08	7.47E-09	1.54E-09	9.00E-09
5231	624795.84	4266276.21	4.71E-08	1.62E-08	6.33E-08	3.94E-08	1.21E-08	5.15E-08	9.33E-09	3.11E-09	1.24E-08	7.27E-09	1.50E-09	8.77E-09
5232	624805.73	4266276.38	4.59E-08	1.58E-08	6.16E-08	3.83E-08	1.18E-08	5.01E-08	9.08E-09	3.02E-09	1.21E-08	7.08E-09	1.46E-09	8.53E-09
5233	624815.62	4266276.56	4.46E-08	1.53E-08	5.99E-08	3.72E-08	1.15E-08	4.87E-08	8.82E-09	2.94E-09	1.18E-08	6.88E-09	1.41E-09	8.29E-09
5234	624825.51	4266276.74	4.32E-08	1.49E-08	5.80E-08	3.61E-08	1.11E-08	4.72E-08	8.55E-09	2.85E-09	1.14E-08	6.66E-09	1.37E-09	8.04E-09
5235	624835.4	4266276.91	4.18E-08	1.44E-08	5.61E-08	3.49E-08	1.07E-08	4.56E-08	8.26E-09	2.75E-09	1.10E-08	6.44E-09	1.33E-09	7.77E-09
5236	624845.29	4266277.09	4.02E-08	1.38E-08	5.41E-08	3.36E-08	1.04E-08	4.40E-08	7.96E-09	2.65E-09	1.06E-08	6.21E-09	1.28E-09	7.49E-09
5237	624315.35	4266278.04	3.20E-08	1.10E-08	4.30E-08	2.67E-08	8.24E-09	3.50E-08	6.33E-09	2.11E-09	8.44E-09	4.94E-09	1.02E-09	5.95E-09
5238	624306.6	4266274.24	3.14E-08	1.08E-08	4.22E-08	2.62E-08	8.08E-09	3.43E-08	6.21E-09	2.07E-09	8.28E-09	4.84E-09	9.96E-10	5.84E-09
5239	624297.84	4266270.44	3.07E-08	1.06E-08	4.13E-08	2.57E-08	7.90E-09	3.36E-08	6.08E-09	2.02E-09	8.10E-09	4.74E-09	9.74E-10	5.71E-09
5240	624289.08	4266266.63	3.00E-08	1.03E-08	4.03E-08	2.51E-08	7.72E-09	3.28E-08	5.94E-09	1.98E-09	7.91E-09	4.63E-09	9.52E-10	5.58E-09

5241	624280.32	4266262.83	2.92E-08	1.01E-08	3.93E-08	2.44E-08	7.53E-09	3.20E-08	5.79E-09	1.93E-09	7.72E-09	4.51E-09	9.28E-10	5.44E-09
5242	624271.57	4266259.03	2.85E-08	9.79E-09	3.83E-08	2.38E-08	7.33E-09	3.11E-08	5.64E-09	1.88E-09	7.51E-09	4.39E-09	9.04E-10	5.30E-09
5243	624262.81	4266255.22	2.77E-08	9.52E-09	3.72E-08	2.31E-08	7.13E-09	3.03E-08	5.48E-09	1.82E-09	7.31E-09	4.27E-09	8.79E-10	5.15E-09
5244	624254.05	4266251.42	2.69E-08	9.25E-09	3.62E-08	2.25E-08	6.93E-09	2.94E-08	5.33E-09	1.77E-09	7.10E-09	4.15E-09	8.54E-10	5.01E-09
5245	624241.78	4266238.74	2.62E-08	9.00E-09	3.52E-08	2.19E-08	6.74E-09	2.86E-08	5.18E-09	1.72E-09	6.91E-09	4.04E-09	8.31E-10	4.87E-09
5246	624238.26	4266229.87	2.62E-08	9.01E-09	3.52E-08	2.19E-08	6.75E-09	2.86E-08	5.19E-09	1.73E-09	6.91E-09	4.04E-09	8.31E-10	4.87E-09
5247	624234.74	4266220.99	2.62E-08	9.01E-09	3.52E-08	2.19E-08	6.74E-09	2.86E-08	5.18E-09	1.73E-09	6.91E-09	4.04E-09	8.31E-10	4.87E-09
5248	624231.22	4266212.12	2.62E-08	8.99E-09	3.51E-08	2.19E-08	6.73E-09	2.86E-08	5.18E-09	1.72E-09	6.90E-09	4.04E-09	8.30E-10	4.87E-09
5249	624227.7	4266203.24	2.61E-08	8.97E-09	3.51E-08	2.18E-08	6.72E-09	2.85E-08	5.16E-09	1.72E-09	6.88E-09	4.03E-09	8.28E-10	4.85E-09
5250	624224.18	4266194.36	2.60E-08	8.94E-09	3.49E-08	2.17E-08	6.69E-09	2.84E-08	5.15E-09	1.71E-09	6.86E-09	4.01E-09	8.25E-10	4.84E-09
5251	624220.67	4266185.49	2.59E-08	8.90E-09	3.48E-08	2.16E-08	6.66E-09	2.83E-08	5.12E-09	1.70E-09	6.83E-09	3.99E-09	8.21E-10	4.81E-09
5252	624217.15	4266176.61	2.57E-08	8.84E-09	3.45E-08	2.15E-08	6.62E-09	2.81E-08	5.09E-09	1.69E-09	6.78E-09	3.97E-09	8.16E-10	4.78E-09
5253	624213.63	4266167.74	2.55E-08	8.77E-09	3.43E-08	2.13E-08	6.57E-09	2.79E-08	5.05E-09	1.68E-09	6.73E-09	3.94E-09	8.10E-10	4.75E-09
5254	624449.27	4266295.02	4.45E-08	1.53E-08	5.99E-08	3.72E-08	1.15E-08	4.87E-08	8.82E-09	2.93E-09	1.18E-08	6.87E-09	1.41E-09	8.29E-09
5255	624459.16	4266295.2	4.55E-08	1.56E-08	6.12E-08	3.80E-08	1.17E-08	4.98E-08	9.01E-09	3.00E-09	1.20E-08	7.02E-09	1.44E-09	8.47E-09
5256	624469.05	4266295.38	4.64E-08	1.60E-08	6.24E-08	3.88E-08	1.20E-08	5.08E-08	9.19E-09	3.06E-09	1.23E-08	7.17E-09	1.47E-09	8.64E-09
5257	624478.94	4266295.55	4.73E-08	1.63E-08	6.36E-08	3.96E-08	1.22E-08	5.18E-08	9.37E-09	3.12E-09	1.25E-08	7.30E-09	1.50E-09	8.81E-09
5258	624488.83	4266295.73	4.82E-08	1.66E-08	6.47E-08	4.03E-08	1.24E-08	5.27E-08	9.54E-09	3.17E-09	1.27E-08	7.43E-09	1.53E-09	8.96E-09
5259	624498.72	4266295.91	4.89E-08	1.68E-08	6.58E-08	4.09E-08	1.26E-08	5.35E-08	9.69E-09	3.22E-09	1.29E-08	7.55E-09	1.55E-09	9.11E-09
5260	624577.83	4266297.32	5.24E-08	1.80E-08	7.05E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.46E-09	1.38E-08	8.09E-09	1.66E-09	9.76E-09
5261	624587.72	4266297.49	5.26E-08	1.81E-08	7.07E-08	4.39E-08	1.35E-08	5.75E-08	1.04E-08	3.46E-09	1.39E-08	8.11E-09	1.67E-09	9.78E-09
5262	624597.61	4266297.67	5.27E-08	1.81E-08	7.08E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.12E-09	1.67E-09	9.80E-09
5263	624607.5	4266297.85	5.27E-08	1.81E-08	7.08E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.13E-09	1.67E-09	9.80E-09
5264	624617.39	4266298.02	5.26E-08	1.81E-08	7.07E-08	4.40E-08	1.36E-08	5.76E-08	1.04E-08	3.47E-09	1.39E-08	8.12E-09	1.67E-09	9.79E-09
5265	624627.28	4266298.2	5.25E-08	1.81E-08	7.06E-08	4.39E-08	1.35E-08	5.74E-08	1.04E-08	3.46E-09	1.39E-08	8.10E-09	1.67E-09	9.77E-09
5266	624637.17	4266298.38	5.23E-08	1.80E-08	7.03E-08	4.37E-08	1.35E-08	5.72E-08	1.04E-08	3.45E-09	1.38E-08	8.07E-09	1.66E-09	9.73E-09
5267	624666.84	4266298.91	5.13E-08	1.77E-08	6.90E-08	4.29E-08	1.32E-08	5.61E-08	1.02E-08	3.38E-09	1.35E-08	7.92E-09	1.63E-09	9.55E-09
5268	624676.73	4266299.08	5.09E-08	1.75E-08	6.84E-08	4.26E-08	1.31E-08	5.57E-08	1.01E-08	3.35E-09	1.34E-08	7.86E-09	1.62E-09	9.47E-09
5269	624686.61	4266299.26	5.04E-08	1.73E-08	6.78E-08	4.22E-08	1.30E-08	5.51E-08	9.98E-09	3.32E-09	1.33E-08	7.78E-09	1.60E-09	9.38E-09
5270	624696.5	4266299.44	4.99E-08	1.71E-08	6.70E-08	4.17E-08	1.28E-08	5.45E-08	9.87E-09	3.28E-09	1.32E-08	7.69E-09	1.58E-09	9.28E-09
5271	624706.39	4266299.61	4.92E-08	1.69E-08	6.61E-08	4.11E-08	1.27E-08	5.38E-08	9.74E-09	3.24E-09	1.30E-08	7.59E-09	1.56E-09	9.15E-09
5272	624716.28	4266299.79	4.84E-08	1.67E-08	6.51E-08	4.05E-08	1.25E-08	5.30E-08	9.59E-09	3.19E-09	1.28E-08	7.48E-09	1.54E-09	9.01E-09
5273	624726.17	4266299.97	4.77E-08	1.64E-08	6.40E-08	3.98E-08	1.23E-08	5.21E-08	9.43E-09	3.14E-09	1.26E-08	7.35E-09	1.51E-09	8.87E-09
5274	624341.18	4266314.45	3.06E-08	1.05E-08	4.12E-08	2.56E-08	7.89E-09	3.35E-08	6.06E-09	2.02E-09	8.08E-09	4.73E-09	9.72E-10	5.70E-09
5275	624332.42	4266310.65	3.03E-08	1.04E-08	4.07E-08	2.53E-08	7.79E-09	3.31E-08	5.99E-09	1.99E-09	7.98E-09	4.67E-09	9.60E-10	5.63E-09
5276	624323.66	4266306.84	2.98E-08	1.03E-08	4.01E-08	2.49E-08	7.68E-09	3.26E-08	5.91E-09	1.97E-09	7.87E-09	4.60E-09	9.47E-10	5.55E-09
5277	624314.91	4266303.04	2.94E-08	1.01E-08	3.95E-08	2.46E-08	7.57E-09	3.21E-08	5.82E-09	1.94E-09	7.76E-09	4.54E-09	9.33E-10	5.47E-09
5278	624306.15	4266299.24	2.89E-08	9.95E-09	3.89E-08	2.42E-08	7.45E-09	3.16E-08	5.73E-09	1.91E-09	7.63E-09	4.46E-09	9.18E-10	5.38E-09
5279	624297.39	4266295.43	2.84E-08	9.77E-09	3.82E-08	2.38E-08	7.32E-09	3.11E-08	5.63E-09	1.87E-09	7.50E-09	4.39E-09	9.02E-10	5.29E-09
5280	624288.63	4266291.63	2.79E-08	9.59E-09	3.75E-08	2.33E-08	7.18E-09	3.05E-08	5.52E-09	1.84E-09	7.36E-09	4.30E-09	8.85E-10	5.19E-09
5281	624279.88	4266287.83	2.73E-08	9.39E-09	3.67E-08	2.28E-08	7.03E-09	2.99E-08	5.41E-09	1.80E-09	7.20E-09	4.21E-09	8.67E-10	5.08E-09
5282	624271.12	4266284.02	2.67E-08	9.18E-09	3.59E-08	2.23E-08	6.88E-09	2.92E-08	5.29E-09	1.76E-09	7.04E-09	4.12E-09	8.47E-10	4.97E-09
5283	624262.36	4266280.22	2.61E-08	8.97E-09	3.50E-08	2.18E-08	6.71E-09	2.85E-08	5.16E-09	1.72E-09	6.88E-09	4.02E-09	8.28E-10	4.85E-09
5284	624253.6	4266276.42	2.54E-08	8.75E-09	3.42E-08	2.13E-08	6.55E-09	2.78E-08	5.03E-09	1.68E-09	6.71E-09	3.92E-09	8.07E-10	4.73E-09
5285	624244.85	4266272.61	2.48E-08	8.52E-09	3.33E-08	2.07E-08	6.38E-09	2.71E-08	4.91E-09	1.63E-09	6.54E-09	3.82E-09	7.87E-10	4.61E-09
5286	624236.09	4266268.81	2.41E-08	8.30E-09	3.24E-08	2.02E-08	6.21E-09	2.64E-08	4.78E-09	1.59E-09	6.37E-09	3.72E-09	7.66E-10	4.49E-09
5287	624223.81	4266256.13	2.35E-08	8.09E-09	3.16E-08	1.97E-08	6.06E-09	2.57E-08	4.66E-09	1.55E-09	6.21E-09	3.63E-09	7.47E-10	4.38E-09
5288	624220.3	4266247.26	2.36E-08	8.10E-09	3.17E-08	1.97E-08	6.06E-09	2.58E-08	4.66E-09	1.55E-09	6.21E-09	3.63E-09	7.48E-10	4.38E-09
5289	624216.78	4266238.38	2.36E-08	8.10E-09	3.17E-08	1.97E-08	6.06E-09	2.58E-08	4.66E-09	1.55E-09	6.21E-09	3.63E-09	7.47E-10	4.38E-09
5290	624213.26	4266229.51	2.35E-08	8.09E-09	3.16E-08	1.97E-08	6.06E-09	2.57E-08	4.66E-09	1.55E-09	6.21E-09	3.63E-09	7.47E-10	4.38E-09
5291	624209.74	4266220.63	2.35E-08	8.08E-09	3.16E-08	1.96E-08	6.05E-09	2.57E-08	4.65E-09	1.55E-09	6.20E-09	3.62E-09	7.45E-10	4.37E-09
5292	624206.22	4266211.75	2.34E-08	8.05E-09	3.15E-08	1.96E-08	6.03E-09	2.56E-08	4.64E-09	1.54E-09	6.18E-09	3.61E-09	7.43E-10	4.36E-09
5293	624202.71	4266202.88	2.33E-08	8.02E-09	3.14E-08	1.95E-08	6.01E-09	2.55E-08	4.62E-09	1.54E-09	6.16E-09	3.60E-09	7.41E-10	4.34E-09
5294	624199.19	4266194	2.32E-08	7.99E-09	3.12E-08	1.94E-08	5.98E-09	2.54E-08	4.60E-09	1.53E-09	6.13E-09	3.58E-09	7.37E-10	4.32E-09
5295	624195.67	4266185.13	2.31E-08	7.94E-09	3.10E-08	1.93E-08	5.94E-09	2.52E-08	4.57E-09	1.52E-09	6.09E-09	3.56E-09	7.32E-10	4.29E-09
5296	624192.15	4266176.25	2.29E-08	7.88E-09	3.08E-08	1.91E-08	5.90E-09	2.50E-08	4.53E-09	1.51E-09	6.04E-09	3.53E-09	7.27E-10	4.26E-09
5297	624188.63	4266167.38	2.27E-08	7.81E-09	3.05E-08	1.90E-08	5.85E-09	2.48E-08	4.49E-09	1.50E-09	5.99E-09	3.50E-09	7.21E-10	4.22E-09
5298	624349.94	4266318.25	3.10E-08	1.06E-08	4.16E-08	2.59E-08	7.97E-09	3.39E-08	6.13E-09	2.04E-09	8.17E-09	4.78E-09	9.83E-10	5.76E-09
5299	624359.82	4266318.43	3.18E-08	1.09E-08	4.27E-08	2.66E-08	8.18E-09	3.47E-08	6.29E-09	2.09E-09	8.38E-09	4.90E-09	1.01E-09	5.91E-09
5300	624369.71	4266318.61	3.26E-08	1.12E-08	4.38E-08	2.72E-08	8.38E-09	3.56E-08	6.45E-09	2.15E-09	8.59E-09	5.03E-09	1.03E-09	6.06E-09
5301	624379.6	4266318.78	3.34E-08	1.15E-08	4.48E-08	2.79E-08	8.59E-09	3.65E-08	6.60E-09	2.20E-09	8.80E-09	5.15E-09	1.06E-09	6.21E-09
5302	624389.49	4266318.96	3.42E-08	1.17E-08	4.59E-08	2.86E-08	8.80E-09	3.73E-08	6.76E-09	2.25E-09	9.01E-09	5.27E-09	1.08E-09	6.36E-09
5303	624399.38	4266319.14	3.50E-08	1.20E-08	4.70E-08	2.92E-08	9.01E-09	3.82E-08	6.92E-09	2.30E-09	9.23E-09	5.40E-09	1.11E-09	6.51E-09
5304	624409.27	4266319.31	3.58E-08	1.23E-08	4.81E-08	2.99E-08	9.22E-09	3.92E-08	7.09E-09	2.36E-09	9.45E-09	5.53E-09	1.14E-09	6.67E-09
5305	624419.16	4266319.49	3.67E-08	1.26E-08	4.93E-08	3.07E-08	9.44E-09	4.01E-08	7.26E-09	2.42E-09	9.68E-09	5.66E-09	1.16E-09	6.82E-09
5306	624448.83	4266320.02	3.91E-08	1.34E-08	5.26E-08	3.27E-08	1.01E-08	4.28E-08	7.74E-09	2.58E-09	1.03E-08	6.04E-09	1.24E-09	7.28E-09
5307	624458.72	4266320.19	3.99E-08	1.37E-08	5.36E-08	3.33E-08	1.03E-08	4.36E-08	7.89E-09	2.63E-09	1.05E-08	6.15E-09	1.27E-09	7.42E-09
5308	624468.61	4266320.37	4.06E-08	1.40E-08	5.46E-08	3.40E-08	1.05E-08	4.44E-08	8.04E-09	2.68E-09	1.07E-08	6.27E-09	1.29E-09	7.56E-09
5309	624478.49	4266320.55	4.14E-08	1.42E-08	5.56E-08	3.46E-08	1.06E-08	4.52E-08	8.19E-09	2.72E-09	1.09E-08	6.38E-09	1.31E-09	7.69E-09

5310	624488.38	4266320.72	4.20E-08	1.45E-08	5.65E-08	3.51E-08	1.08E-08	4.60E-08	8.32E-09	2.77E-09	1.11E-08	6.49E-09	1.33E-09	7.82E-09
5311	624498.27	4266320.9	4.26E-08	1.47E-08	5.73E-08	3.56E-08	1.10E-08	4.66E-08	8.44E-09	2.81E-09	1.13E-08	6.58E-09	1.35E-09	7.93E-09
5312	624527.94	4266321.43	4.42E-08	1.52E-08	5.93E-08	3.69E-08	1.14E-08	4.83E-08	8.74E-09	2.91E-09	1.17E-08	6.81E-09	1.40E-09	8.22E-09
5313	624537.83	4266321.61	4.46E-08	1.53E-08	5.99E-08	3.73E-08	1.15E-08	4.87E-08	8.82E-09	2.94E-09	1.18E-08	6.88E-09	1.41E-09	8.29E-09
5314	624547.72	4266321.78	4.49E-08	1.54E-08	6.04E-08	3.75E-08	1.16E-08	4.91E-08	8.89E-09	2.96E-09	1.19E-08	6.93E-09	1.43E-09	8.36E-09
5315	624557.61	4266321.96	4.52E-08	1.55E-08	6.08E-08	3.78E-08	1.16E-08	4.94E-08	8.95E-09	2.98E-09	1.19E-08	6.98E-09	1.43E-09	8.41E-09
5316	624567.5	4266322.14	4.54E-08	1.56E-08	6.11E-08	3.80E-08	1.17E-08	4.97E-08	8.99E-09	2.99E-09	1.20E-08	7.01E-09	1.44E-09	8.45E-09
5317	624577.39	4266322.31	4.56E-08	1.57E-08	6.13E-08	3.81E-08	1.17E-08	4.99E-08	9.03E-09	3.01E-09	1.20E-08	7.04E-09	1.45E-09	8.49E-09
5318	624587.28	4266322.49	4.57E-08	1.57E-08	6.15E-08	3.82E-08	1.18E-08	5.00E-08	9.05E-09	3.01E-09	1.21E-08	7.06E-09	1.45E-09	8.51E-09
5319	624597.17	4266322.67	4.58E-08	1.58E-08	6.16E-08	3.83E-08	1.18E-08	5.01E-08	9.07E-09	3.02E-09	1.21E-08	7.07E-09	1.45E-09	8.53E-09
5320	624607.05	4266322.84	4.59E-08	1.58E-08	6.16E-08	3.83E-08	1.18E-08	5.01E-08	9.08E-09	3.02E-09	1.21E-08	7.08E-09	1.46E-09	8.53E-09
5321	624616.94	4266323.02	4.58E-08	1.58E-08	6.16E-08	3.83E-08	1.18E-08	5.01E-08	9.07E-09	3.02E-09	1.21E-08	7.07E-09	1.45E-09	8.53E-09
5322	624626.83	4266323.2	4.57E-08	1.57E-08	6.14E-08	3.82E-08	1.18E-08	5.00E-08	9.05E-09	3.01E-09	1.21E-08	7.05E-09	1.45E-09	8.51E-09
5323	624636.72	4266323.37	4.56E-08	1.57E-08	6.12E-08	3.81E-08	1.17E-08	4.98E-08	9.02E-09	3.00E-09	1.20E-08	7.03E-09	1.45E-09	8.47E-09
5324	624666.39	4266323.9	4.48E-08	1.54E-08	6.02E-08	3.74E-08	1.15E-08	4.89E-08	8.86E-09	2.95E-09	1.18E-08	6.91E-09	1.42E-09	8.33E-09
5325	624676.28	4266324.08	4.44E-08	1.53E-08	5.97E-08	3.71E-08	1.14E-08	4.85E-08	8.79E-09	2.93E-09	1.17E-08	6.85E-09	1.41E-09	8.26E-09
5326	624686.17	4266324.26	4.40E-08	1.51E-08	5.91E-08	3.68E-08	1.13E-08	4.81E-08	8.71E-09	2.90E-09	1.16E-08	6.79E-09	1.40E-09	8.18E-09
5327	624696.06	4266324.43	4.35E-08	1.50E-08	5.85E-08	3.64E-08	1.12E-08	4.76E-08	8.61E-09	2.87E-09	1.15E-08	6.72E-09	1.38E-09	8.10E-09
5328	624705.95	4266324.61	4.30E-08	1.48E-08	5.78E-08	3.59E-08	1.11E-08	4.70E-08	8.51E-09	2.83E-09	1.13E-08	6.63E-09	1.36E-09	8.00E-09
5329	624715.84	4266324.79	4.24E-08	1.46E-08	5.70E-08	3.54E-08	1.09E-08	4.64E-08	8.39E-09	2.79E-09	1.12E-08	6.54E-09	1.35E-09	7.89E-09
5330	624725.72	4266324.96	4.18E-08	1.44E-08	5.62E-08	3.49E-08	1.08E-08	4.57E-08	8.27E-09	2.75E-09	1.10E-08	6.45E-09	1.33E-09	7.78E-09
5331	624745.5	4266325.32	4.05E-08	1.39E-08	5.44E-08	3.38E-08	1.04E-08	4.43E-08	8.02E-09	2.67E-09	1.07E-08	6.25E-09	1.29E-09	7.53E-09
5332	624755.39	4266325.49	3.98E-08	1.37E-08	5.35E-08	3.33E-08	1.02E-08	4.35E-08	7.88E-09	2.62E-09	1.05E-08	6.14E-09	1.26E-09	7.40E-09
5333	624765.28	4266325.67	3.91E-08	1.34E-08	5.25E-08	3.26E-08	1.01E-08	4.27E-08	7.73E-09	2.57E-09	1.03E-08	6.03E-09	1.24E-09	7.27E-09
5334	624775.17	4266325.85	3.83E-08	1.32E-08	5.15E-08	3.20E-08	9.86E-09	4.19E-08	7.58E-09	2.52E-09	1.01E-08	5.91E-09	1.22E-09	7.13E-09
5335	624785.06	4266326.02	3.75E-08	1.29E-08	5.04E-08	3.14E-08	9.66E-09	4.10E-08	7.43E-09	2.47E-09	9.90E-09	5.79E-09	1.19E-09	6.98E-09
5336	624794.95	4266326.2	3.67E-08	1.26E-08	4.94E-08	3.07E-08	9.46E-09	4.02E-08	7.27E-09	2.42E-09	9.69E-09	5.67E-09	1.17E-09	6.84E-09
5337	624804.84	4266326.38	3.60E-08	1.24E-08	4.83E-08	3.00E-08	9.26E-09	3.93E-08	7.12E-09	2.37E-09	9.48E-09	5.55E-09	1.14E-09	6.69E-09
5338	624844.4	4266327.08	3.26E-08	1.12E-08	4.38E-08	2.72E-08	8.39E-09	3.56E-08	6.45E-09	2.15E-09	8.59E-09	5.03E-09	1.03E-09	6.06E-09
5339	624340.73	4266339.44	2.81E-08	9.65E-09	3.77E-08	2.35E-08	7.23E-09	3.07E-08	5.56E-09	1.85E-09	7.41E-09	4.33E-09	8.91E-10	5.22E-09
5340	624331.97	4266335.64	2.78E-08	9.56E-09	3.73E-08	2.32E-08	7.16E-09	3.04E-08	5.50E-09	1.83E-09	7.33E-09	4.29E-09	8.82E-10	5.17E-09
5341	624323.22	4266331.84	2.75E-08	9.45E-09	3.69E-08	2.30E-08	7.07E-09	3.00E-08	5.44E-09	1.81E-09	7.25E-09	4.24E-09	8.72E-10	5.11E-09
5342	624314.46	4266328.04	2.71E-08	9.33E-09	3.65E-08	2.27E-08	6.98E-09	2.97E-08	5.37E-09	1.79E-09	7.16E-09	4.19E-09	8.61E-10	5.05E-09
5343	624305.7	4266324.23	2.68E-08	9.20E-09	3.60E-08	2.24E-08	6.89E-09	2.93E-08	5.30E-09	1.76E-09	7.06E-09	4.13E-09	8.49E-10	4.98E-09
5344	624296.94	4266320.43	2.64E-08	9.06E-09	3.54E-08	2.20E-08	6.79E-09	2.88E-08	5.22E-09	1.74E-09	6.95E-09	4.07E-09	8.37E-10	4.90E-09
5345	624288.19	4266316.63	2.59E-08	8.92E-09	3.49E-08	2.17E-08	6.68E-09	2.84E-08	5.13E-09	1.71E-09	6.84E-09	4.00E-09	8.23E-10	4.83E-09
5346	624279.43	4266312.82	2.55E-08	8.77E-09	3.43E-08	2.13E-08	6.56E-09	2.79E-08	5.05E-09	1.68E-09	6.73E-09	3.93E-09	8.09E-10	4.74E-09
5347	624270.67	4266309.02	2.50E-08	8.60E-09	3.36E-08	2.09E-08	6.44E-09	2.74E-08	4.95E-09	1.65E-09	6.60E-09	3.86E-09	7.94E-10	4.65E-09
5348	624261.92	4266305.22	2.45E-08	8.43E-09	3.30E-08	2.05E-08	6.31E-09	2.68E-08	4.85E-09	1.62E-09	6.47E-09	3.78E-09	7.78E-10	4.56E-09
5349	624253.16	4266301.41	2.40E-08	8.25E-09	3.23E-08	2.01E-08	6.18E-09	2.62E-08	4.75E-09	1.58E-09	6.33E-09	3.70E-09	7.62E-10	4.47E-09
5350	624244.4	4266297.61	2.35E-08	8.07E-09	3.15E-08	1.96E-08	6.04E-09	2.57E-08	4.65E-09	1.55E-09	6.19E-09	3.62E-09	7.45E-10	4.37E-09
5351	624235.64	4266293.81	2.29E-08	7.88E-09	3.08E-08	1.92E-08	5.90E-09	2.51E-08	4.54E-09	1.51E-09	6.05E-09	3.54E-09	7.28E-10	4.27E-09
5352	624226.89	4266290	2.24E-08	7.70E-09	3.01E-08	1.87E-08	5.76E-09	2.45E-08	4.43E-09	1.47E-09	5.90E-09	3.45E-09	7.10E-10	4.16E-09
5353	624218.13	4266286.2	2.18E-08	7.51E-09	2.93E-08	1.82E-08	5.62E-09	2.39E-08	4.32E-09	1.44E-09	5.76E-09	3.37E-09	6.93E-10	4.06E-09
5354	624205.85	4266273.52	2.13E-08	7.33E-09	2.87E-08	1.78E-08	5.49E-09	2.33E-08	4.22E-09	1.40E-09	5.63E-09	3.29E-09	6.77E-10	3.97E-09
5355	624202.34	4266264.65	2.13E-08	7.34E-09	2.87E-08	1.78E-08	5.49E-09	2.33E-08	4.22E-09	1.41E-09	5.63E-09	3.29E-09	6.77E-10	3.97E-09
5356	624198.82	4266255.77	2.13E-08	7.34E-09	2.87E-08	1.78E-08	5.50E-09	2.33E-08	4.23E-09	1.41E-09	5.63E-09	3.29E-09	6.77E-10	3.97E-09
5357	624195.3	4266246.89	2.13E-08	7.33E-09	2.87E-08	1.78E-08	5.49E-09	2.33E-08	4.22E-09	1.41E-09	5.63E-09	3.29E-09	6.77E-10	3.97E-09
5358	624191.78	4266238.02	2.13E-08	7.32E-09	2.86E-08	1.78E-08	5.48E-09	2.33E-08	4.22E-09	1.40E-09	5.62E-09	3.29E-09	6.76E-10	3.96E-09
5359	624188.26	4266229.14	2.12E-08	7.31E-09	2.86E-08	1.78E-08	5.47E-09	2.32E-08	4.21E-09	1.40E-09	5.61E-09	3.28E-09	6.74E-10	3.95E-09
5360	624184.74	4266220.27	2.12E-08	7.28E-09	2.85E-08	1.77E-08	5.45E-09	2.32E-08	4.19E-09	1.40E-09	5.59E-09	3.27E-09	6.72E-10	3.94E-09
5361	624181.23	4266211.39	2.11E-08	7.26E-09	2.84E-08	1.76E-08	5.43E-09	2.31E-08	4.18E-09	1.39E-09	5.57E-09	3.26E-09	6.70E-10	3.93E-09
5362	624177.71	4266202.52	2.10E-08	7.22E-09	2.82E-08	1.76E-08	5.41E-09	2.30E-08	4.16E-09	1.38E-09	5.54E-09	3.24E-09	6.66E-10	3.91E-09
5363	624174.19	4266193.64	2.09E-08	7.18E-09	2.81E-08	1.74E-08	5.37E-09	2.28E-08	4.13E-09	1.38E-09	5.51E-09	3.22E-09	6.63E-10	3.88E-09
5364	624170.67	4266184.77	2.07E-08	7.13E-09	2.78E-08	1.73E-08	5.34E-09	2.27E-08	4.10E-09	1.37E-09	5.47E-09	3.20E-09	6.58E-10	3.86E-09
5365	624167.15	4266175.89	2.05E-08	7.07E-09	2.76E-08	1.72E-08	5.29E-09	2.25E-08	4.07E-09	1.35E-09	5.42E-09	3.17E-09	6.52E-10	3.82E-09
5366	624163.64	4266167.01	2.03E-08	7.00E-09	2.73E-08	1.70E-08	5.24E-09	2.22E-08	4.03E-09	1.34E-09	5.37E-09	3.14E-09	6.46E-10	3.79E-09
5367	624349.49	4266343.25	2.83E-08	9.74E-09	3.81E-08	2.37E-08	7.29E-09	3.10E-08	5.61E-09	1.87E-09	7.47E-09	4.37E-09	8.99E-10	5.27E-09
5368	624359.38	4266343.42	2.90E-08	9.96E-09	3.89E-08	2.42E-08	7.46E-09	3.17E-08	5.73E-09	1.91E-09	7.64E-09	4.47E-09	9.19E-10	5.39E-09
5369	624369.27	4266343.6	2.96E-08	1.02E-08	3.98E-08	2.47E-08	7.62E-09	3.24E-08	5.86E-09	1.95E-09	7.81E-09	4.57E-09	9.39E-10	5.51E-09
5370	624379.16	4266343.78	3.02E-08	1.04E-08	4.06E-08	2.53E-08	7.78E-09	3.30E-08	5.98E-09	1.99E-09	7.98E-09	4.66E-09	9.59E-10	5.62E-09
5371	624389.05	4266343.95	3.09E-08	1.06E-08	4.15E-08	2.58E-08	7.95E-09	3.38E-08	6.11E-09	2.03E-09	8.14E-09	4.76E-09	9.80E-10	5.74E-09
5372	624398.93	4266344.13	3.15E-08	1.08E-08	4.24E-08	2.63E-08	8.12E-09	3.45E-08	6.24E-09	2.08E-09	8.32E-09	4.86E-09	1.00E-09	5.86E-09
5373	624408.82	4266344.31	3.22E-08	1.11E-08	4.32E-08	2.69E-08	8.28E-09	3.52E-08	6.37E-09	2.12E-09	8.49E-09	4.96E-09	1.02E-09	5.99E-09
5374	624418.71	4266344.48	3.28E-08	1.13E-08	4.41E-08	2.74E-08	8.45E-09	3.59E-08	6.50E-09	2.16E-09	8.66E-09	5.07E-09	1.04E-09	6.11E-09
5375	624448.38	4266345.01	3.47E-08	1.19E-08	4.67E-08	2.90E-08	8.94E-09	3.80E-08	6.87E-09	2.29E-09	9.16E-09	5.36E-09	1.10E-09	6.46E-09
5376	624458.27	4266345.19	3.53E-08	1.22E-08	4.75E-08	2.95E-08	9.10E-09	3.86E-08	7.00E-09	2.33E-09	9.33E-09	5.45E-09	1.12E-09	6.58E-09
5377	624468.16	4266345.37	3.59E-08	1.24E-08	4.83E-08	3.00E-08	9.25E-09	3.93E-08	7.12E-09	2.37E-09	9.48E-09	5.55E-09	1.14E-09	6.69E-09
5378	624478.05	4266345.54	3.65E-08	1.26E-08	4.91E-08	3.05E-08	9.40E-09	3.99E-08	7.23E-09	2.41E-09	9.63E-09	5.64E-09	1.16E-09	6.79E-09

5379	624487.94	4266345.72	3.71E-08	1.27E-08	4.98E-08	3.10E-08	9.54E-09	4.05E-08	7.33E-09	2.44E-09	9.78E-09	5.72E-09	1.18E-09	6.89E-09
5380	624497.83	4266345.9	3.76E-08	1.29E-08	5.05E-08	3.14E-08	9.67E-09	4.11E-08	7.43E-09	2.47E-09	9.91E-09	5.79E-09	1.19E-09	6.99E-09
5381	624527.49	4266346.43	3.88E-08	1.33E-08	5.22E-08	3.24E-08	9.99E-09	4.24E-08	7.68E-09	2.56E-09	1.02E-08	5.99E-09	1.23E-09	7.22E-09
5382	624537.38	4266346.6	3.91E-08	1.35E-08	5.26E-08	3.27E-08	1.01E-08	4.28E-08	7.75E-09	2.58E-09	1.03E-08	6.04E-09	1.24E-09	7.28E-09
5383	624547.27	4266346.78	3.94E-08	1.36E-08	5.30E-08	3.30E-08	1.02E-08	4.31E-08	7.81E-09	2.60E-09	1.04E-08	6.09E-09	1.25E-09	7.34E-09
5384	624557.16	4266346.96	3.97E-08	1.36E-08	5.33E-08	3.32E-08	1.02E-08	4.34E-08	7.85E-09	2.61E-09	1.05E-08	6.12E-09	1.26E-09	7.38E-09
5385	624567.05	4266347.13	3.99E-08	1.37E-08	5.36E-08	3.33E-08	1.03E-08	4.36E-08	7.89E-09	2.63E-09	1.05E-08	6.15E-09	1.27E-09	7.42E-09
5386	624576.94	4266347.31	4.00E-08	1.38E-08	5.38E-08	3.35E-08	1.03E-08	4.38E-08	7.93E-09	2.64E-09	1.06E-08	6.18E-09	1.27E-09	7.45E-09
5387	624586.83	4266347.49	4.02E-08	1.38E-08	5.40E-08	3.36E-08	1.03E-08	4.39E-08	7.95E-09	2.65E-09	1.06E-08	6.20E-09	1.27E-09	7.47E-09
5388	624596.72	4266347.66	4.02E-08	1.38E-08	5.41E-08	3.36E-08	1.04E-08	4.40E-08	7.96E-09	2.65E-09	1.06E-08	6.21E-09	1.28E-09	7.49E-09
5389	624606.61	4266347.84	4.03E-08	1.38E-08	5.41E-08	3.36E-08	1.04E-08	4.40E-08	7.97E-09	2.65E-09	1.06E-08	6.21E-09	1.28E-09	7.49E-09
5390	624616.5	4266348.02	4.02E-08	1.38E-08	5.41E-08	3.36E-08	1.04E-08	4.40E-08	7.96E-09	2.65E-09	1.06E-08	6.21E-09	1.28E-09	7.48E-09
5391	624626.39	4266348.19	4.01E-08	1.38E-08	5.39E-08	3.36E-08	1.03E-08	4.39E-08	7.95E-09	2.64E-09	1.06E-08	6.19E-09	1.27E-09	7.47E-09
5392	624665.94	4266348.9	3.94E-08	1.35E-08	5.29E-08	3.29E-08	1.01E-08	4.31E-08	7.80E-09	2.60E-09	1.04E-08	6.08E-09	1.25E-09	7.33E-09
5393	624675.83	4266349.08	3.91E-08	1.34E-08	5.26E-08	3.27E-08	1.01E-08	4.28E-08	7.74E-09	2.58E-09	1.03E-08	6.03E-09	1.24E-09	7.27E-09
5394	624685.72	4266349.25	3.88E-08	1.33E-08	5.21E-08	3.24E-08	9.98E-09	4.24E-08	7.67E-09	2.55E-09	1.02E-08	5.98E-09	1.23E-09	7.21E-09
5395	624695.61	4266349.43	3.84E-08	1.32E-08	5.16E-08	3.21E-08	9.88E-09	4.20E-08	7.60E-09	2.53E-09	1.01E-08	5.92E-09	1.22E-09	7.14E-09
5396	624705.5	4266349.61	3.79E-08	1.30E-08	5.10E-08	3.17E-08	9.77E-09	4.15E-08	7.51E-09	2.50E-09	1.00E-08	5.85E-09	1.20E-09	7.06E-09
5397	624715.39	4266349.78	3.75E-08	1.29E-08	5.04E-08	3.13E-08	9.65E-09	4.10E-08	7.42E-09	2.47E-09	9.89E-09	5.78E-09	1.19E-09	6.97E-09
5398	624725.28	4266349.96	3.70E-08	1.27E-08	4.97E-08	3.09E-08	9.53E-09	4.05E-08	7.32E-09	2.44E-09	9.76E-09	5.71E-09	1.17E-09	6.88E-09
5399	624754.95	4266350.49	3.54E-08	1.22E-08	4.76E-08	2.96E-08	9.11E-09	3.87E-08	7.01E-09	2.33E-09	9.34E-09	5.46E-09	1.12E-09	6.59E-09
5400	624764.84	4266350.67	3.48E-08	1.20E-08	4.68E-08	2.91E-08	8.96E-09	3.80E-08	6.89E-09	2.29E-09	9.18E-09	5.37E-09	1.10E-09	6.47E-09
5401	624774.72	4266350.84	3.42E-08	1.18E-08	4.59E-08	2.86E-08	8.80E-09	3.74E-08	6.77E-09	2.25E-09	9.02E-09	5.28E-09	1.08E-09	6.36E-09
5402	624784.61	4266351.02	3.36E-08	1.15E-08	4.51E-08	2.81E-08	8.64E-09	3.67E-08	6.64E-09	2.21E-09	8.85E-09	5.18E-09	1.07E-09	6.24E-09
5403	624794.5	4266351.2	3.29E-08	1.13E-08	4.43E-08	2.75E-08	8.48E-09	3.60E-08	6.52E-09	2.17E-09	8.69E-09	5.08E-09	1.05E-09	6.13E-09
5404	624804.39	4266351.37	3.23E-08	1.11E-08	4.34E-08	2.70E-08	8.31E-09	3.53E-08	6.39E-09	2.13E-09	8.52E-09	4.98E-09	1.02E-09	6.01E-09
5405	624843.95	4266352.08	2.96E-08	1.02E-08	3.98E-08	2.47E-08	7.62E-09	3.24E-08	5.86E-09	1.95E-09	7.81E-09	4.57E-09	9.39E-10	5.51E-09
5406	624340.29	4266364.44	2.58E-08	8.89E-09	3.47E-08	2.16E-08	6.66E-09	2.83E-08	5.12E-09	1.70E-09	6.82E-09	3.99E-09	8.20E-10	4.81E-09
5407	624331.53	4266360.64	2.56E-08	8.82E-09	3.45E-08	2.14E-08	6.60E-09	2.80E-08	5.07E-09	1.69E-09	6.76E-09	3.96E-09	8.14E-10	4.77E-09
5408	624322.77	4266356.83	2.54E-08	8.73E-09	3.41E-08	2.12E-08	6.54E-09	2.78E-08	5.03E-09	1.67E-09	6.70E-09	3.92E-09	8.06E-10	4.72E-09
5409	624314.01	4266353.03	2.51E-08	8.64E-09	3.38E-08	2.10E-08	6.47E-09	2.75E-08	4.97E-09	1.66E-09	6.63E-09	3.88E-09	7.97E-10	4.67E-09
5410	624305.26	4266349.23	2.48E-08	8.54E-09	3.34E-08	2.07E-08	6.39E-09	2.71E-08	4.91E-09	1.64E-09	6.55E-09	3.83E-09	7.88E-10	4.62E-09
5411	624296.5	4266345.43	2.45E-08	8.43E-09	3.29E-08	2.05E-08	6.31E-09	2.68E-08	4.85E-09	1.61E-09	6.47E-09	3.78E-09	7.78E-10	4.56E-09
5412	624287.74	4266341.62	2.42E-08	8.31E-09	3.25E-08	2.02E-08	6.22E-09	2.64E-08	4.79E-09	1.59E-09	6.38E-09	3.73E-09	7.67E-10	4.50E-09
5413	624278.98	4266337.82	2.38E-08	8.19E-09	3.20E-08	1.99E-08	6.13E-09	2.60E-08	4.72E-09	1.57E-09	6.29E-09	3.68E-09	7.56E-10	4.43E-09
5414	624270.23	4266334.02	2.34E-08	8.06E-09	3.15E-08	1.96E-08	6.04E-09	2.56E-08	4.64E-09	1.54E-09	6.19E-09	3.62E-09	7.44E-10	4.36E-09
5415	624261.47	4266330.21	2.31E-08	7.93E-09	3.10E-08	1.93E-08	5.93E-09	2.52E-08	4.56E-09	1.52E-09	6.08E-09	3.56E-09	7.32E-10	4.29E-09
5416	624252.71	4266326.41	2.26E-08	7.78E-09	3.04E-08	1.89E-08	5.83E-09	2.47E-08	4.48E-09	1.49E-09	5.97E-09	3.49E-09	7.18E-10	4.21E-09
5417	624243.95	4266322.61	2.22E-08	7.63E-09	2.98E-08	1.86E-08	5.72E-09	2.43E-08	4.39E-09	1.46E-09	5.86E-09	3.43E-09	7.04E-10	4.13E-09
5418	624235.2	4266318.8	2.18E-08	7.48E-09	2.92E-08	1.82E-08	5.60E-09	2.38E-08	4.31E-09	1.43E-09	5.74E-09	3.36E-09	6.90E-10	4.05E-09
5419	624226.44	4266315	2.13E-08	7.32E-09	2.86E-08	1.78E-08	5.48E-09	2.33E-08	4.21E-09	1.40E-09	5.62E-09	3.29E-09	6.76E-10	3.96E-09
5420	624217.68	4266311.2	2.08E-08	7.16E-09	2.80E-08	1.74E-08	5.36E-09	2.28E-08	4.12E-09	1.37E-09	5.49E-09	3.21E-09	6.61E-10	3.87E-09
5421	624208.93	4266307.39	2.04E-08	7.00E-09	2.74E-08	1.70E-08	5.24E-09	2.23E-08	4.03E-09	1.34E-09	5.37E-09	3.14E-09	6.46E-10	3.79E-09
5422	624200.17	4266303.59	1.99E-08	6.84E-09	2.67E-08	1.66E-08	5.12E-09	2.17E-08	3.94E-09	1.31E-09	5.25E-09	3.07E-09	6.31E-10	3.70E-09
5423	624187.89	4266290.91	1.94E-08	6.69E-09	2.61E-08	1.63E-08	5.01E-09	2.13E-08	3.85E-09	1.28E-09	5.13E-09	3.00E-09	6.17E-10	3.62E-09
5424	624184.37	4266282.04	1.95E-08	6.69E-09	2.62E-08	1.63E-08	5.01E-09	2.13E-08	3.85E-09	1.28E-09	5.13E-09	3.00E-09	6.18E-10	3.62E-09
5425	624180.86	4266273.16	1.95E-08	6.69E-09	2.62E-08	1.63E-08	5.01E-09	2.13E-08	3.85E-09	1.28E-09	5.14E-09	3.00E-09	6.18E-10	3.62E-09
5426	624177.34	4266264.28	1.95E-08	6.69E-09	2.61E-08	1.63E-08	5.01E-09	2.13E-08	3.85E-09	1.28E-09	5.13E-09	3.00E-09	6.17E-10	3.62E-09
5427	624173.82	4266255.41	1.94E-08	6.68E-09	2.61E-08	1.62E-08	5.00E-09	2.12E-08	3.85E-09	1.28E-09	5.13E-09	3.00E-09	6.17E-10	3.62E-09
5428	624170.3	4266246.53	1.94E-08	6.67E-09	2.61E-08	1.62E-08	4.99E-09	2.12E-08	3.84E-09	1.28E-09	5.12E-09	2.99E-09	6.16E-10	3.61E-09
5429	624166.78	4266237.66	1.93E-08	6.65E-09	2.60E-08	1.62E-08	4.98E-09	2.12E-08	3.83E-09	1.27E-09	5.10E-09	2.99E-09	6.14E-10	3.60E-09
5430	624163.27	4266228.78	1.93E-08	6.63E-09	2.59E-08	1.61E-08	4.96E-09	2.11E-08	3.82E-09	1.27E-09	5.09E-09	2.98E-09	6.12E-10	3.59E-09
5431	624159.75	4266219.91	1.92E-08	6.60E-09	2.58E-08	1.61E-08	4.94E-09	2.10E-08	3.80E-09	1.27E-09	5.07E-09	2.96E-09	6.09E-10	3.57E-09
5432	624156.23	4266211.03	1.91E-08	6.57E-09	2.57E-08	1.60E-08	4.92E-09	2.09E-08	3.78E-09	1.26E-09	5.04E-09	2.95E-09	6.07E-10	3.56E-09
5433	624152.71	4266202.15	1.90E-08	6.53E-09	2.55E-08	1.59E-08	4.89E-09	2.08E-08	3.76E-09	1.25E-09	5.01E-09	2.93E-09	6.03E-10	3.53E-09
5434	624149.19	4266193.28	1.89E-08	6.49E-09	2.54E-08	1.58E-08	4.86E-09	2.06E-08	3.73E-09	1.24E-09	4.98E-09	2.91E-09	5.99E-10	3.51E-09
5435	624145.67	4266184.4	1.87E-08	6.44E-09	2.51E-08	1.56E-08	4.82E-09	2.05E-08	3.70E-09	1.23E-09	4.94E-09	2.89E-09	5.94E-10	3.48E-09
5436	624142.16	4266175.53	1.85E-08	6.38E-09	2.49E-08	1.55E-08	4.77E-09	2.03E-08	3.67E-09	1.22E-09	4.89E-09	2.86E-09	5.88E-10	3.45E-09
5437	624138.64	4266166.65	1.84E-08	6.31E-09	2.47E-08	1.53E-08	4.72E-09	2.01E-08	3.63E-09	1.21E-09	4.84E-09	2.83E-09	5.82E-10	3.41E-09
5438	624349.04	4266368.24	2.60E-08	8.95E-09	3.50E-08	2.18E-08	6.70E-09	2.85E-08	5.15E-09	1.71E-09	6.87E-09	4.02E-09	8.26E-10	4.84E-09
5439	624358.93	4266368.42	2.65E-08	9.13E-09	3.57E-08	2.22E-08	6.83E-09	2.90E-08	5.25E-09	1.75E-09	7.00E-09	4.10E-09	8.42E-10	4.94E-09
5440	624368.82	4266368.6	2.71E-08	9.30E-09	3.64E-08	2.26E-08	6.97E-09	2.96E-08	5.36E-09	1.78E-09	7.14E-09	4.18E-09	8.59E-10	5.03E-09
5441	624378.71	4266368.77	2.76E-08	9.48E-09	3.71E-08	2.30E-08	7.10E-09	3.01E-08	5.46E-09	1.82E-09	7.27E-09	4.25E-09	8.75E-10	5.13E-09
5442	624388.6	4266368.95	2.81E-08	9.66E-09	3.77E-08	2.35E-08	7.23E-09	3.07E-08	5.56E-09	1.85E-09	7.41E-09	4.33E-09	8.91E-10	5.22E-09
5443	624398.49	4266369.13	2.86E-08	9.83E-09	3.84E-08	2.39E-08	7.36E-09	3.13E-08	5.66E-09	1.88E-09	7.54E-09	4.41E-09	9.08E-10	5.32E-09
5444	624408.38	4266369.3	2.91E-08	1.00E-08	3.91E-08	2.43E-08	7.49E-09	3.18E-08	5.76E-09	1.92E-09	7.68E-09	4.49E-09	9.24E-10	5.42E-09
5445	624418.27	4266369.48	2.96E-08	1.02E-08	3.98E-08	2.48E-08	7.63E-09	3.24E-08	5.86E-09	1.95E-09	7.81E-09	4.57E-09	9.40E-10	5.51E-09
5446	624447.93	4266370.01	3.11E-08	1.07E-08	4.18E-08	2.60E-08	8.01E-09	3.40E-08	6.16E-09	2.05E-09	8.21E-09	4.80E-09	9.88E-10	5.79E-09
5447	624457.82	4266370.19	3.16E-08	1.09E-08	4.25E-08	2.64E-08	8.14E-09	3.46E-08	6.26E-09	2.08E-09	8.34E-09	4.88E-09	1.00E-09	5.88E-09

5448	624467.71	4266370.36	3.21E-08	1.10E-08	4.31E-08	2.68E-08	8.26E-09	3.51E-08	6.35E-09	2.11E-09	8.46E-09	4.95E-09	1.02E-09	5.97E-09
5449	624477.6	4266370.54	3.25E-08	1.12E-08	4.37E-08	2.72E-08	8.38E-09	3.56E-08	6.44E-09	2.14E-09	8.58E-09	5.02E-09	1.03E-09	6.05E-09
5450	624487.49	4266370.72	3.30E-08	1.13E-08	4.43E-08	2.76E-08	8.49E-09	3.60E-08	6.52E-09	2.17E-09	8.70E-09	5.09E-09	1.05E-09	6.13E-09
5451	624497.38	4266370.89	3.34E-08	1.15E-08	4.48E-08	2.79E-08	8.59E-09	3.65E-08	6.60E-09	2.20E-09	8.80E-09	5.15E-09	1.06E-09	6.21E-09
5452	624527.05	4266371.42	3.44E-08	1.18E-08	4.62E-08	2.87E-08	8.86E-09	3.76E-08	6.81E-09	2.27E-09	9.07E-09	5.31E-09	1.09E-09	6.40E-09
5453	624536.94	4266371.6	3.47E-08	1.19E-08	4.66E-08	2.90E-08	8.93E-09	3.79E-08	6.86E-09	2.28E-09	9.15E-09	5.35E-09	1.10E-09	6.45E-09
5454	624546.83	4266371.78	3.49E-08	1.20E-08	4.69E-08	2.92E-08	8.99E-09	3.82E-08	6.91E-09	2.30E-09	9.21E-09	5.39E-09	1.11E-09	6.49E-09
5455	624556.72	4266371.95	3.51E-08	1.21E-08	4.72E-08	2.93E-08	9.04E-09	3.84E-08	6.95E-09	2.31E-09	9.26E-09	5.42E-09	1.11E-09	6.53E-09
5456	624566.61	4266372.13	3.53E-08	1.21E-08	4.74E-08	2.95E-08	9.08E-09	3.86E-08	6.98E-09	2.32E-09	9.31E-09	5.44E-09	1.12E-09	6.56E-09
5457	624635.83	4266373.37	3.54E-08	1.22E-08	4.76E-08	2.96E-08	9.12E-09	3.87E-08	7.01E-09	2.33E-09	9.34E-09	5.47E-09	1.12E-09	6.59E-09
5458	624665.5	4266373.9	3.49E-08	1.20E-08	4.70E-08	2.92E-08	9.00E-09	3.82E-08	6.92E-09	2.30E-09	9.22E-09	5.39E-09	1.11E-09	6.50E-09
5459	624675.39	4266374.07	3.47E-08	1.19E-08	4.67E-08	2.90E-08	8.94E-09	3.80E-08	6.87E-09	2.29E-09	9.16E-09	5.36E-09	1.10E-09	6.46E-09
5460	624685.28	4266374.25	3.44E-08	1.18E-08	4.63E-08	2.88E-08	8.87E-09	3.77E-08	6.82E-09	2.27E-09	9.09E-09	5.31E-09	1.09E-09	6.41E-09
5461	624695.16	4266374.43	3.41E-08	1.17E-08	4.59E-08	2.85E-08	8.79E-09	3.73E-08	6.76E-09	2.25E-09	9.00E-09	5.27E-09	1.08E-09	6.35E-09
5462	624705.05	4266374.6	3.38E-08	1.16E-08	4.54E-08	2.82E-08	8.70E-09	3.69E-08	6.69E-09	2.23E-09	8.92E-09	5.21E-09	1.07E-09	6.29E-09
5463	624714.94	4266374.78	3.34E-08	1.15E-08	4.49E-08	2.79E-08	8.61E-09	3.65E-08	6.62E-09	2.20E-09	8.82E-09	5.16E-09	1.06E-09	6.22E-09
5464	624724.83	4266374.95	3.30E-08	1.14E-08	4.44E-08	2.76E-08	8.51E-09	3.61E-08	6.54E-09	2.18E-09	8.72E-09	5.10E-09	1.05E-09	6.15E-09
5465	624754.5	4266375.48	3.17E-08	1.09E-08	4.26E-08	2.65E-08	8.16E-09	3.47E-08	6.28E-09	2.09E-09	8.37E-09	4.89E-09	1.01E-09	5.90E-09
5466	624764.39	4266375.66	3.12E-08	1.07E-08	4.20E-08	2.61E-08	8.04E-09	3.41E-08	6.18E-09	2.06E-09	8.24E-09	4.82E-09	9.91E-10	5.81E-09
5467	624339.84	4266389.44	2.39E-08	8.22E-09	3.21E-08	2.00E-08	6.15E-09	2.61E-08	4.73E-09	1.57E-09	6.30E-09	3.69E-09	7.58E-10	4.44E-09
5468	624331.08	4266385.63	2.37E-08	8.16E-09	3.19E-08	1.98E-08	6.11E-09	2.60E-08	4.70E-09	1.56E-09	6.26E-09	3.66E-09	7.53E-10	4.42E-09
5469	624322.32	4266381.83	2.36E-08	8.10E-09	3.17E-08	1.97E-08	6.06E-09	2.58E-08	4.66E-09	1.55E-09	6.21E-09	3.63E-09	7.47E-10	4.38E-09
5470	624313.57	4266378.03	2.33E-08	8.03E-09	3.14E-08	1.95E-08	6.01E-09	2.55E-08	4.62E-09	1.54E-09	6.16E-09	3.60E-09	7.41E-10	4.34E-09
5471	624304.81	4266374.22	2.31E-08	7.95E-09	3.11E-08	1.93E-08	5.95E-09	2.53E-08	4.57E-09	1.52E-09	6.10E-09	3.57E-09	7.33E-10	4.30E-09
5472	624296.05	4266370.42	2.29E-08	7.86E-09	3.07E-08	1.91E-08	5.88E-09	2.50E-08	4.52E-09	1.51E-09	6.03E-09	3.53E-09	7.25E-10	4.25E-09
5473	624287.29	4266366.62	2.26E-08	7.76E-09	3.03E-08	1.89E-08	5.81E-09	2.47E-08	4.47E-09	1.49E-09	5.96E-09	3.48E-09	7.17E-10	4.20E-09
5474	624278.54	4266362.81	2.23E-08	7.67E-09	3.00E-08	1.86E-08	5.74E-09	2.44E-08	4.41E-09	1.47E-09	5.88E-09	3.44E-09	7.08E-10	4.15E-09
5475	624269.78	4266359.01	2.20E-08	7.56E-09	2.96E-08	1.84E-08	5.66E-09	2.40E-08	4.35E-09	1.45E-09	5.80E-09	3.39E-09	6.98E-10	4.09E-09
5476	624261.02	4266355.21	2.17E-08	7.45E-09	2.91E-08	1.81E-08	5.58E-09	2.37E-08	4.29E-09	1.43E-09	5.72E-09	3.34E-09	6.88E-10	4.03E-09
5477	624252.27	4266351.41	2.13E-08	7.34E-09	2.87E-08	1.78E-08	5.49E-09	2.33E-08	4.22E-09	1.41E-09	5.63E-09	3.29E-09	6.77E-10	3.97E-09
5478	624243.51	4266347.6	2.10E-08	7.22E-09	2.82E-08	1.75E-08	5.40E-09	2.29E-08	4.15E-09	1.38E-09	5.54E-09	3.24E-09	6.66E-10	3.90E-09
5479	624234.75	4266343.8	2.06E-08	7.09E-09	2.77E-08	1.72E-08	5.31E-09	2.25E-08	4.08E-09	1.36E-09	5.44E-09	3.18E-09	6.54E-10	3.84E-09
5480	624225.99	4266340	2.02E-08	6.96E-09	2.72E-08	1.69E-08	5.21E-09	2.21E-08	4.01E-09	1.33E-09	5.34E-09	3.12E-09	6.42E-10	3.76E-09
5481	624217.24	4266336.19	1.98E-08	6.82E-09	2.67E-08	1.66E-08	5.11E-09	2.17E-08	3.93E-09	1.31E-09	5.23E-09	3.06E-09	6.30E-10	3.69E-09
5482	624208.48	4266332.39	1.94E-08	6.69E-09	2.61E-08	1.62E-08	5.01E-09	2.13E-08	3.85E-09	1.28E-09	5.13E-09	3.00E-09	6.17E-10	3.62E-09
5483	624199.72	4266328.59	1.90E-08	6.55E-09	2.56E-08	1.59E-08	4.90E-09	2.08E-08	3.77E-09	1.25E-09	5.02E-09	2.94E-09	6.04E-10	3.54E-09
5484	624190.96	4266324.78	1.86E-08	6.40E-09	2.50E-08	1.56E-08	4.80E-09	2.04E-08	3.69E-09	1.23E-09	4.91E-09	2.87E-09	5.91E-10	3.47E-09
5485	624182.21	4266320.98	1.82E-08	6.26E-09	2.45E-08	1.52E-08	4.69E-09	1.99E-08	3.61E-09	1.20E-09	4.81E-09	2.81E-09	5.78E-10	3.39E-09
5486	624169.93	4266308.3	1.78E-08	6.13E-09	2.40E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.17E-09	4.70E-09	2.75E-09	5.66E-10	3.32E-09
5487	624166.41	4266299.43	1.78E-08	6.14E-09	2.40E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.18E-09	4.71E-09	2.75E-09	5.66E-10	3.32E-09
5488	624162.9	4266290.55	1.79E-08	6.14E-09	2.40E-08	1.49E-08	4.60E-09	1.95E-08	3.53E-09	1.18E-09	4.71E-09	2.75E-09	5.66E-10	3.32E-09
5489	624159.38	4266281.67	1.78E-08	6.14E-09	2.40E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.18E-09	4.71E-09	2.75E-09	5.66E-10	3.32E-09
5490	624155.86	4266272.8	1.78E-08	6.13E-09	2.40E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.17E-09	4.70E-09	2.75E-09	5.66E-10	3.32E-09
5491	624152.34	4266263.92	1.78E-08	6.12E-09	2.39E-08	1.49E-08	4.58E-09	1.95E-08	3.52E-09	1.17E-09	4.70E-09	2.75E-09	5.65E-10	3.31E-09
5492	624148.82	4266255.05	1.78E-08	6.11E-09	2.39E-08	1.48E-08	4.57E-09	1.94E-08	3.51E-09	1.17E-09	4.68E-09	2.74E-09	5.64E-10	3.30E-09
5493	624145.3	4266246.17	1.77E-08	6.09E-09	2.38E-08	1.48E-08	4.56E-09	1.94E-08	3.51E-09	1.17E-09	4.67E-09	2.73E-09	5.62E-10	3.29E-09
5494	624141.79	4266237.3	1.76E-08	6.07E-09	2.37E-08	1.47E-08	4.54E-09	1.93E-08	3.49E-09	1.16E-09	4.66E-09	2.72E-09	5.60E-10	3.28E-09
5495	624138.27	4266228.42	1.76E-08	6.04E-09	2.36E-08	1.47E-08	4.52E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.71E-09	5.58E-10	3.27E-09
5496	624134.75	4266219.54	1.75E-08	6.01E-09	2.35E-08	1.46E-08	4.50E-09	1.91E-08	3.46E-09	1.15E-09	4.61E-09	2.70E-09	5.55E-10	3.25E-09
5497	624131.23	4266210.67	1.74E-08	5.98E-09	2.34E-08	1.45E-08	4.48E-09	1.90E-08	3.44E-09	1.15E-09	4.59E-09	2.68E-09	5.52E-10	3.24E-09
5498	624127.71	4266201.79	1.73E-08	5.94E-09	2.32E-08	1.44E-08	4.45E-09	1.89E-08	3.42E-09	1.14E-09	4.56E-09	2.67E-09	5.48E-10	3.21E-09
5499	624124.2	4266192.92	1.71E-08	5.89E-09	2.30E-08	1.43E-08	4.41E-09	1.87E-08	3.39E-09	1.13E-09	4.52E-09	2.64E-09	5.44E-10	3.19E-09
5500	624348.6	4266393.24	2.40E-08	8.26E-09	3.23E-08	2.01E-08	6.18E-09	2.63E-08	4.75E-09	1.58E-09	6.34E-09	3.71E-09	7.62E-10	4.47E-09
5501	624358.49	4266393.42	2.44E-08	8.40E-09	3.28E-08	2.04E-08	6.29E-09	2.67E-08	4.84E-09	1.61E-09	6.45E-09	3.77E-09	7.76E-10	4.55E-09
5502	624368.37	4266393.59	2.49E-08	8.55E-09	3.34E-08	2.08E-08	6.40E-09	2.72E-08	4.92E-09	1.64E-09	6.56E-09	3.84E-09	7.89E-10	4.62E-09
5503	624378.26	4266393.77	2.53E-08	8.69E-09	3.40E-08	2.11E-08	6.51E-09	2.76E-08	5.00E-09	1.67E-09	6.67E-09	3.90E-09	8.02E-10	4.70E-09
5504	624388.15	4266393.95	2.57E-08	8.83E-09	3.45E-08	2.15E-08	6.61E-09	2.81E-08	5.08E-09	1.69E-09	6.78E-09	3.96E-09	8.15E-10	4.78E-09
5505	624398.04	4266394.12	2.61E-08	8.97E-09	3.51E-08	2.18E-08	6.72E-09	2.85E-08	5.17E-09	1.72E-09	6.88E-09	4.03E-09	8.28E-10	4.85E-09
5506	624407.93	4266394.3	2.65E-08	9.11E-09	3.56E-08	2.21E-08	6.82E-09	2.90E-08	5.24E-09	1.75E-09	6.99E-09	4.09E-09	8.41E-10	4.93E-09
5507	624417.82	4266394.48	2.69E-08	9.25E-09	3.61E-08	2.25E-08	6.93E-09	2.94E-08	5.32E-09	1.77E-09	7.10E-09	4.15E-09	8.54E-10	5.00E-09
5508	624447.49	4266395.01	2.81E-08	9.66E-09	3.77E-08	2.35E-08	7.23E-09	3.07E-08	5.56E-09	1.85E-09	7.41E-09	4.33E-09	8.91E-10	5.22E-09
5509	624457.38	4266395.18	2.85E-08	9.79E-09	3.83E-08	2.38E-08	7.33E-09	3.11E-08	5.64E-09	1.88E-09	7.51E-09	4.39E-09	9.04E-10	5.30E-09
5510	624467.27	4266395.36	2.88E-08	9.92E-09	3.88E-08	2.41E-08	7.43E-09	3.15E-08	5.71E-09	1.90E-09	7.61E-09	4.45E-09	9.15E-10	5.37E-09
5511	624477.16	4266395.54	2.92E-08	1.00E-08	3.93E-08	2.44E-08	7.52E-09	3.19E-08	5.78E-09	1.92E-09	7.71E-09	4.51E-09	9.27E-10	5.43E-09
5512	624487.05	4266395.71	2.96E-08	1.02E-08	3.97E-08	2.47E-08	7.61E-09	3.23E-08	5.85E-09	1.95E-09	7.80E-09	4.56E-09	9.38E-10	5.50E-09
5513	624496.93	4266395.89	2.99E-08	1.03E-08	4.01E-08	2.50E-08	7.69E-09	3.27E-08	5.91E-09	1.97E-09	7.88E-09	4.61E-09	9.48E-10	5.56E-09
5514	624506.82	4266396.07	3.02E-08	1.04E-08	4.06E-08	2.52E-08	7.77E-09	3.30E-08	5.97E-09	1.99E-09	7.96E-09	4.66E-09	9.58E-10	5.61E-09
5515	624566.16	4266397.13	3.14E-08	1.08E-08	4.22E-08	2.63E-08	8.09E-09	3.44E-08	6.22E-09	2.07E-09	8.29E-09	4.85E-09	9.98E-10	5.85E-09
5516	624576.05	4266397.3	3.16E-08	1.08E-08	4.24E-08	2.64E-08	8.12E-09	3.45E-08	6.25E-09	2.08E-09	8.32E-09	4.87E-09	1.00E-09	5.87E-09

5517	624585.94	4266397.48	3.16E-08	1.09E-08	4.25E-08	2.64E-08	8.14E-09	3.46E-08	6.26E-09	2.08E-09	8.35E-09	4.88E-09	1.00E-09	5.89E-09
5518	624595.83	4266397.66	3.17E-08	1.09E-08	4.26E-08	2.65E-08	8.16E-09	3.46E-08	6.27E-09	2.09E-09	8.36E-09	4.89E-09	1.01E-09	5.89E-09
5519	624605.72	4266397.83	3.17E-08	1.09E-08	4.26E-08	2.65E-08	8.16E-09	3.47E-08	6.27E-09	2.09E-09	8.36E-09	4.89E-09	1.01E-09	5.90E-09
5520	624615.6	4266398.01	3.17E-08	1.09E-08	4.26E-08	2.65E-08	8.16E-09	3.46E-08	6.27E-09	2.09E-09	8.36E-09	4.89E-09	1.01E-09	5.89E-09
5521	624625.49	4266398.18	3.16E-08	1.09E-08	4.25E-08	2.64E-08	8.15E-09	3.46E-08	6.26E-09	2.08E-09	8.35E-09	4.88E-09	1.00E-09	5.89E-09
5522	624635.38	4266398.36	3.16E-08	1.09E-08	4.24E-08	2.64E-08	8.13E-09	3.45E-08	6.25E-09	2.08E-09	8.33E-09	4.87E-09	1.00E-09	5.87E-09
5523	624724.39	4266399.95	2.97E-08	1.02E-08	3.99E-08	2.48E-08	7.65E-09	3.25E-08	5.88E-09	1.96E-09	7.84E-09	4.58E-09	9.43E-10	5.53E-09
5524	624734.28	4266400.13	2.94E-08	1.01E-08	3.94E-08	2.45E-08	7.56E-09	3.21E-08	5.81E-09	1.93E-09	7.74E-09	4.53E-09	9.32E-10	5.46E-09
5525	624744.16	4266400.3	2.90E-08	9.97E-09	3.90E-08	2.42E-08	7.46E-09	3.17E-08	5.74E-09	1.91E-09	7.65E-09	4.47E-09	9.20E-10	5.39E-09
5526	624754.05	4266400.48	2.86E-08	9.84E-09	3.84E-08	2.39E-08	7.37E-09	3.13E-08	5.66E-09	1.88E-09	7.55E-09	4.41E-09	9.08E-10	5.32E-09
5527	624763.94	4266400.66	2.82E-08	9.70E-09	3.79E-08	2.36E-08	7.27E-09	3.09E-08	5.59E-09	1.86E-09	7.44E-09	4.35E-09	8.96E-10	5.25E-09
5528	624773.83	4266400.83	2.78E-08	9.57E-09	3.74E-08	2.33E-08	7.16E-09	3.04E-08	5.51E-09	1.83E-09	7.34E-09	4.29E-09	8.83E-10	5.18E-09
5529	624783.72	4266401.01	2.74E-08	9.42E-09	3.68E-08	2.29E-08	7.06E-09	3.00E-08	5.42E-09	1.81E-09	7.23E-09	4.23E-09	8.70E-10	5.10E-09
5530	624793.61	4266401.19	2.70E-08	9.28E-09	3.63E-08	2.26E-08	6.95E-09	2.95E-08	5.34E-09	1.78E-09	7.12E-09	4.16E-09	8.56E-10	5.02E-09
5531	624803.5	4266401.36	2.66E-08	9.13E-09	3.57E-08	2.22E-08	6.84E-09	2.90E-08	5.26E-09	1.75E-09	7.01E-09	4.10E-09	8.43E-10	4.94E-09
5532	624813.39	4266401.54	2.61E-08	8.99E-09	3.51E-08	2.18E-08	6.73E-09	2.86E-08	5.17E-09	1.72E-09	6.89E-09	4.03E-09	8.29E-10	4.86E-09
5533	624823.28	4266401.72	2.57E-08	8.83E-09	3.45E-08	2.15E-08	6.61E-09	2.81E-08	5.09E-09	1.69E-09	6.78E-09	3.96E-09	8.15E-10	4.78E-09
5534	624833.17	4266401.89	2.52E-08	8.68E-09	3.39E-08	2.11E-08	6.50E-09	2.76E-08	5.00E-09	1.66E-09	6.66E-09	3.89E-09	8.01E-10	4.70E-09
5535	624843.06	4266402.07	2.48E-08	8.52E-09	3.33E-08	2.07E-08	6.38E-09	2.71E-08	4.90E-09	1.63E-09	6.54E-09	3.82E-09	7.86E-10	4.61E-09
5536	624339.39	4266414.43	2.22E-08	7.62E-09	2.98E-08	1.85E-08	5.70E-09	2.42E-08	4.39E-09	1.46E-09	5.84E-09	3.42E-09	7.03E-10	4.12E-09
5537	624330.64	4266410.63	2.20E-08	7.58E-09	2.96E-08	1.84E-08	5.68E-09	2.41E-08	4.36E-09	1.45E-09	5.82E-09	3.40E-09	7.00E-10	4.10E-09
5538	624321.88	4266406.83	2.19E-08	7.53E-09	2.94E-08	1.83E-08	5.64E-09	2.40E-08	4.34E-09	1.44E-09	5.78E-09	3.38E-09	6.95E-10	4.08E-09
5539	624313.12	4266403.02	2.17E-08	7.48E-09	2.92E-08	1.82E-08	5.60E-09	2.38E-08	4.30E-09	1.43E-09	5.74E-09	3.36E-09	6.90E-10	4.05E-09
5540	624304.36	4266399.22	2.16E-08	7.41E-09	2.90E-08	1.80E-08	5.55E-09	2.36E-08	4.27E-09	1.42E-09	5.69E-09	3.33E-09	6.84E-10	4.01E-09
5541	624295.61	4266395.42	2.14E-08	7.34E-09	2.87E-08	1.79E-08	5.50E-09	2.34E-08	4.23E-09	1.41E-09	5.64E-09	3.30E-09	6.78E-10	3.97E-09
5542	624286.85	4266391.61	2.11E-08	7.27E-09	2.84E-08	1.77E-08	5.44E-09	2.31E-08	4.18E-09	1.39E-09	5.58E-09	3.26E-09	6.71E-10	3.93E-09
5543	624278.09	4266387.81	2.09E-08	7.19E-09	2.81E-08	1.75E-08	5.38E-09	2.29E-08	4.14E-09	1.38E-09	5.52E-09	3.23E-09	6.63E-10	3.89E-09
5544	624269.33	4266384.01	2.07E-08	7.10E-09	2.78E-08	1.73E-08	5.32E-09	2.26E-08	4.09E-09	1.36E-09	5.45E-09	3.19E-09	6.56E-10	3.84E-09
5545	624260.58	4266380.2	2.04E-08	7.02E-09	2.74E-08	1.71E-08	5.25E-09	2.23E-08	4.04E-09	1.34E-09	5.38E-09	3.15E-09	6.47E-10	3.80E-09
5546	624251.82	4266376.4	2.01E-08	6.92E-09	2.71E-08	1.68E-08	5.18E-09	2.20E-08	3.98E-09	1.33E-09	5.31E-09	3.11E-09	6.39E-10	3.74E-09
5547	624243.06	4266372.6	1.98E-08	6.82E-09	2.67E-08	1.66E-08	5.11E-09	2.17E-08	3.93E-09	1.31E-09	5.23E-09	3.06E-09	6.30E-10	3.69E-09
5548	624234.3	4266368.79	1.95E-08	6.72E-09	2.63E-08	1.63E-08	5.03E-09	2.14E-08	3.87E-09	1.29E-09	5.15E-09	3.01E-09	6.20E-10	3.63E-09
5549	624225.55	4266364.99	1.92E-08	6.61E-09	2.58E-08	1.61E-08	4.95E-09	2.10E-08	3.80E-09	1.27E-09	5.07E-09	2.97E-09	6.10E-10	3.58E-09
5550	624216.79	4266361.19	1.89E-08	6.50E-09	2.54E-08	1.58E-08	4.86E-09	2.07E-08	3.74E-09	1.24E-09	4.98E-09	2.92E-09	6.00E-10	3.51E-09
5551	624208.03	4266357.39	1.86E-08	6.38E-09	2.49E-08	1.55E-08	4.78E-09	2.03E-08	3.67E-09	1.22E-09	4.89E-09	2.86E-09	5.89E-10	3.45E-09
5552	624199.28	4266353.58	1.82E-08	6.26E-09	2.45E-08	1.52E-08	4.69E-09	1.99E-08	3.60E-09	1.20E-09	4.80E-09	2.81E-09	5.78E-10	3.39E-09
5553	624190.52	4266349.78	1.79E-08	6.14E-09	2.40E-08	1.49E-08	4.60E-09	1.95E-08	3.53E-09	1.18E-09	4.71E-09	2.75E-09	5.67E-10	3.32E-09
5554	624181.76	4266345.98	1.75E-08	6.02E-09	2.35E-08	1.46E-08	4.50E-09	1.91E-08	3.46E-09	1.15E-09	4.62E-09	2.70E-09	5.55E-10	3.25E-09
5555	624173	4266342.17	1.71E-08	5.89E-09	2.30E-08	1.43E-08	4.41E-09	1.87E-08	3.39E-09	1.13E-09	4.52E-09	2.64E-09	5.44E-10	3.19E-09
5556	624164.25	4266338.37	1.68E-08	5.77E-09	2.25E-08	1.40E-08	4.32E-09	1.83E-08	3.32E-09	1.11E-09	4.43E-09	2.59E-09	5.32E-10	3.12E-09
5557	624151.97	4266325.69	1.64E-08	5.65E-09	2.21E-08	1.37E-08	4.23E-09	1.80E-08	3.25E-09	1.08E-09	4.34E-09	2.54E-09	5.22E-10	3.06E-09
5558	624148.45	4266316.82	1.64E-08	5.65E-09	2.21E-08	1.37E-08	4.23E-09	1.80E-08	3.25E-09	1.08E-09	4.34E-09	2.54E-09	5.22E-10	3.06E-09
5559	624144.93	4266307.94	1.64E-08	5.66E-09	2.21E-08	1.37E-08	4.23E-09	1.80E-08	3.26E-09	1.08E-09	4.34E-09	2.54E-09	5.22E-10	3.06E-09
5560	624141.42	4266299.06	1.64E-08	5.65E-09	2.21E-08	1.37E-08	4.23E-09	1.80E-08	3.25E-09	1.08E-09	4.34E-09	2.54E-09	5.22E-10	3.06E-09
5561	624137.9	4266290.19	1.64E-08	5.65E-09	2.21E-08	1.37E-08	4.23E-09	1.80E-08	3.25E-09	1.08E-09	4.33E-09	2.53E-09	5.21E-10	3.06E-09
5562	624134.38	4266281.31	1.64E-08	5.64E-09	2.20E-08	1.37E-08	4.22E-09	1.79E-08	3.25E-09	1.08E-09	4.33E-09	2.53E-09	5.20E-10	3.05E-09
5563	624130.86	4266272.44	1.64E-08	5.63E-09	2.20E-08	1.37E-08	4.21E-09	1.79E-08	3.24E-09	1.08E-09	4.32E-09	2.53E-09	5.19E-10	3.05E-09
5564	624127.34	4266263.56	1.63E-08	5.62E-09	2.19E-08	1.36E-08	4.20E-09	1.79E-08	3.23E-09	1.08E-09	4.31E-09	2.52E-09	5.18E-10	3.04E-09
5565	624123.82	4266254.69	1.63E-08	5.60E-09	2.19E-08	1.36E-08	4.19E-09	1.78E-08	3.22E-09	1.07E-09	4.30E-09	2.51E-09	5.17E-10	3.03E-09
5566	624120.31	4266245.81	1.62E-08	5.58E-09	2.18E-08	1.36E-08	4.18E-09	1.77E-08	3.21E-09	1.07E-09	4.28E-09	2.50E-09	5.15E-10	3.02E-09
5567	624085.13	4266157.05	1.50E-08	5.16E-09	2.02E-08	1.26E-08	3.87E-09	1.64E-08	2.97E-09	9.89E-10	3.96E-09	2.32E-09	4.77E-10	2.79E-09
5568	624348.15	4266418.24	2.22E-08	7.65E-09	2.99E-08	1.86E-08	5.73E-09	2.43E-08	4.40E-09	1.47E-09	5.87E-09	3.43E-09	7.06E-10	4.14E-09
5569	624358.04	4266418.41	2.26E-08	7.77E-09	3.04E-08	1.89E-08	5.82E-09	2.47E-08	4.47E-09	1.49E-09	5.96E-09	3.49E-09	7.17E-10	4.20E-09
5570	624367.93	4266418.59	2.29E-08	7.89E-09	3.08E-08	1.92E-08	5.90E-09	2.51E-08	4.54E-09	1.51E-09	6.05E-09	3.54E-09	7.28E-10	4.27E-09
5571	624377.82	4266418.77	2.33E-08	8.00E-09	3.13E-08	1.94E-08	5.99E-09	2.54E-08	4.61E-09	1.53E-09	6.14E-09	3.59E-09	7.38E-10	4.33E-09
5572	624387.71	4266418.94	2.36E-08	8.11E-09	3.17E-08	1.97E-08	6.08E-09	2.58E-08	4.67E-09	1.55E-09	6.23E-09	3.64E-09	7.49E-10	4.39E-09
5573	624397.6	4266419.12	2.39E-08	8.23E-09	3.21E-08	2.00E-08	6.16E-09	2.62E-08	4.74E-09	1.58E-09	6.31E-09	3.69E-09	7.59E-10	4.45E-09
5574	624407.49	4266419.3	2.42E-08	8.34E-09	3.26E-08	2.03E-08	6.24E-09	2.65E-08	4.80E-09	1.60E-09	6.40E-09	3.74E-09	7.69E-10	4.51E-09
5575	624417.37	4266419.47	2.46E-08	8.45E-09	3.30E-08	2.05E-08	6.32E-09	2.69E-08	4.86E-09	1.62E-09	6.48E-09	3.79E-09	7.79E-10	4.57E-09
5576	624447.04	4266420	2.55E-08	8.77E-09	3.43E-08	2.13E-08	6.57E-09	2.79E-08	5.05E-09	1.68E-09	6.73E-09	3.93E-09	8.09E-10	4.74E-09
5577	624456.93	4266420.18	2.58E-08	8.87E-09	3.47E-08	2.16E-08	6.64E-09	2.82E-08	5.11E-09	1.70E-09	6.81E-09	3.98E-09	8.19E-10	4.80E-09
5578	624466.82	4266420.36	2.61E-08	8.98E-09	3.51E-08	2.18E-08	6.72E-09	2.85E-08	5.17E-09	1.72E-09	6.89E-09	4.03E-09	8.28E-10	4.86E-09
5579	624476.71	4266420.53	2.64E-08	9.08E-09	3.55E-08	2.21E-08	6.79E-09	2.89E-08	5.22E-09	1.74E-09	6.96E-09	4.07E-09	8.38E-10	4.91E-09
5580	624486.6	4266420.71	2.67E-08	9.17E-09	3.58E-08	2.23E-08	6.87E-09	2.92E-08	5.28E-09	1.76E-09	7.03E-09	4.11E-09	8.46E-10	4.96E-09
5581	624496.49	4266420.89	2.69E-08	9.26E-09	3.62E-08	2.25E-08	6.93E-09	2.94E-08	5.33E-09	1.77E-09	7.10E-09	4.15E-09	8.54E-10	5.01E-09
5582	624506.38	4266421.06	2.72E-08	9.34E-09	3.65E-08	2.27E-08	6.99E-09	2.97E-08	5.38E-09	1.79E-09	7.17E-09	4.19E-09	8.62E-10	5.05E-09
5583	624516.27	4266421.24	2.74E-08	9.42E-09	3.68E-08	2.29E-08	7.05E-09	2.99E-08	5.42E-09	1.80E-09	7.23E-09	4.23E-09	8.69E-10	5.10E-09
5584	624526.16	4266421.41	2.76E-08	9.49E-09	3.71E-08	2.31E-08	7.11E-09	3.02E-08	5.46E-09	1.82E-09	7.28E-09	4.26E-09	8.76E-10	5.13E-09
5585	624536.04	4266421.59	2.78E-08	9.55E-09	3.73E-08	2.32E-08	7.15E-09	3.04E-08	5.50E-09	1.83E-09	7.33E-09	4.29E-09	8.82E-10	5.17E-09

5586	624545.93	4266421.77	2.79E-08	9.61E-09	3.75E-08	2.34E-08	7.19E-09	3.05E-08	5.53E-09	1.84E-09	7.37E-09	4.31E-09	8.87E-10	5.20E-09
5587	624555.82	4266421.94	2.81E-08	9.65E-09	3.77E-08	2.35E-08	7.23E-09	3.07E-08	5.56E-09	1.85E-09	7.41E-09	4.33E-09	8.91E-10	5.22E-09
5588	624565.71	4266422.12	2.82E-08	9.69E-09	3.79E-08	2.36E-08	7.26E-09	3.08E-08	5.58E-09	1.86E-09	7.44E-09	4.35E-09	8.95E-10	5.24E-09
5589	624575.6	4266422.3	2.83E-08	9.72E-09	3.80E-08	2.36E-08	7.28E-09	3.09E-08	5.60E-09	1.86E-09	7.46E-09	4.36E-09	8.97E-10	5.26E-09
5590	624644.83	4266423.53	2.83E-08	9.72E-09	3.80E-08	2.36E-08	7.27E-09	3.09E-08	5.59E-09	1.86E-09	7.45E-09	4.36E-09	8.97E-10	5.26E-09
5591	624654.72	4266423.71	2.82E-08	9.69E-09	3.79E-08	2.35E-08	7.25E-09	3.08E-08	5.57E-09	1.86E-09	7.43E-09	4.35E-09	8.94E-10	5.24E-09
5592	624664.6	4266423.89	2.81E-08	9.65E-09	3.77E-08	2.34E-08	7.22E-09	3.07E-08	5.55E-09	1.85E-09	7.40E-09	4.33E-09	8.90E-10	5.22E-09
5593	624674.49	4266424.06	2.79E-08	9.60E-09	3.75E-08	2.33E-08	7.19E-09	3.05E-08	5.53E-09	1.84E-09	7.36E-09	4.31E-09	8.86E-10	5.19E-09
5594	624684.38	4266424.24	2.77E-08	9.54E-09	3.73E-08	2.32E-08	7.14E-09	3.03E-08	5.49E-09	1.83E-09	7.32E-09	4.28E-09	8.81E-10	5.16E-09
5595	624694.27	4266424.42	2.76E-08	9.48E-09	3.70E-08	2.30E-08	7.10E-09	3.01E-08	5.45E-09	1.82E-09	7.27E-09	4.25E-09	8.75E-10	5.13E-09
5596	624704.16	4266424.59	2.73E-08	9.40E-09	3.67E-08	2.29E-08	7.04E-09	2.99E-08	5.41E-09	1.80E-09	7.21E-09	4.22E-09	8.68E-10	5.09E-09
5597	624714.05	4266424.77	2.71E-08	9.32E-09	3.64E-08	2.27E-08	6.98E-09	2.96E-08	5.37E-09	1.79E-09	7.15E-09	4.18E-09	8.60E-10	5.04E-09
5598	624723.94	4266424.95	2.68E-08	9.23E-09	3.61E-08	2.24E-08	6.91E-09	2.94E-08	5.31E-09	1.77E-09	7.08E-09	4.14E-09	8.52E-10	4.99E-09
5599	624733.83	4266425.12	2.66E-08	9.13E-09	3.57E-08	2.22E-08	6.84E-09	2.90E-08	5.26E-09	1.75E-09	7.01E-09	4.10E-09	8.43E-10	4.94E-09
5600	624743.72	4266425.3	2.63E-08	9.03E-09	3.53E-08	2.19E-08	6.76E-09	2.87E-08	5.20E-09	1.73E-09	6.93E-09	4.05E-09	8.33E-10	4.89E-09
5601	624753.61	4266425.48	2.59E-08	8.92E-09	3.49E-08	2.17E-08	6.68E-09	2.84E-08	5.13E-09	1.71E-09	6.84E-09	4.00E-09	8.23E-10	4.83E-09
5602	624763.5	4266425.65	2.56E-08	8.81E-09	3.44E-08	2.14E-08	6.59E-09	2.80E-08	5.07E-09	1.69E-09	6.76E-09	3.95E-09	8.13E-10	4.76E-09
5603	624773.39	4266425.83	2.53E-08	8.69E-09	3.40E-08	2.11E-08	6.51E-09	2.76E-08	5.00E-09	1.67E-09	6.67E-09	3.90E-09	8.02E-10	4.70E-09
5604	624783.27	4266426.01	2.49E-08	8.58E-09	3.35E-08	2.09E-08	6.42E-09	2.73E-08	4.94E-09	1.64E-09	6.58E-09	3.85E-09	7.92E-10	4.64E-09
5605	624793.16	4266426.18	2.46E-08	8.46E-09	3.31E-08	2.06E-08	6.34E-09	2.69E-08	4.87E-09	1.62E-09	6.49E-09	3.80E-09	7.81E-10	4.58E-09
5606	624803.05	4266426.36	2.43E-08	8.35E-09	3.26E-08	2.03E-08	6.25E-09	2.65E-08	4.80E-09	1.60E-09	6.40E-09	3.75E-09	7.70E-10	4.52E-09
5607	624812.94	4266426.54	2.39E-08	8.22E-09	3.21E-08	2.00E-08	6.16E-09	2.61E-08	4.73E-09	1.58E-09	6.31E-09	3.69E-09	7.59E-10	4.45E-09
5608	624822.83	4266426.71	2.36E-08	8.10E-09	3.17E-08	1.97E-08	6.06E-09	2.58E-08	4.66E-09	1.55E-09	6.21E-09	3.63E-09	7.48E-10	4.38E-09
5609	624832.72	4266426.89	2.32E-08	7.97E-09	3.12E-08	1.94E-08	5.97E-09	2.53E-08	4.59E-09	1.53E-09	6.12E-09	3.58E-09	7.36E-10	4.31E-09
5610	624842.61	4266427.07	2.28E-08	7.84E-09	3.06E-08	1.91E-08	5.87E-09	2.49E-08	4.51E-09	1.50E-09	6.02E-09	3.52E-09	7.24E-10	4.24E-09
5611	624338.95	4266439.43	2.06E-08	7.09E-09	2.77E-08	1.72E-08	5.30E-09	2.25E-08	4.08E-09	1.36E-09	5.44E-09	3.18E-09	6.54E-10	3.83E-09
5612	624330.19	4266435.63	2.05E-08	7.06E-09	2.76E-08	1.72E-08	5.29E-09	2.24E-08	4.06E-09	1.35E-09	5.42E-09	3.17E-09	6.52E-10	3.82E-09
5613	624321.43	4266431.82	2.04E-08	7.03E-09	2.75E-08	1.71E-08	5.26E-09	2.23E-08	4.04E-09	1.35E-09	5.39E-09	3.15E-09	6.48E-10	3.80E-09
5614	624312.67	4266428.02	2.03E-08	6.98E-09	2.73E-08	1.70E-08	5.23E-09	2.22E-08	4.02E-09	1.34E-09	5.36E-09	3.13E-09	6.45E-10	3.78E-09
5615	624303.92	4266424.22	2.02E-08	6.94E-09	2.71E-08	1.69E-08	5.19E-09	2.21E-08	3.99E-09	1.33E-09	5.32E-09	3.11E-09	6.40E-10	3.75E-09
5616	624295.16	4266420.41	2.00E-08	6.88E-09	2.69E-08	1.67E-08	5.15E-09	2.19E-08	3.96E-09	1.32E-09	5.28E-09	3.09E-09	6.35E-10	3.72E-09
5617	624286.4	4266416.61	1.98E-08	6.82E-09	2.66E-08	1.66E-08	5.11E-09	2.17E-08	3.92E-09	1.31E-09	5.23E-09	3.06E-09	6.29E-10	3.69E-09
5618	624277.64	4266412.81	1.96E-08	6.75E-09	2.64E-08	1.64E-08	5.06E-09	2.15E-08	3.89E-09	1.29E-09	5.18E-09	3.03E-09	6.23E-10	3.65E-09
5619	624268.89	4266409	1.94E-08	6.68E-09	2.61E-08	1.62E-08	5.00E-09	2.12E-08	3.85E-09	1.28E-09	5.13E-09	3.00E-09	6.17E-10	3.62E-09
5620	624260.13	4266405.2	1.92E-08	6.61E-09	2.58E-08	1.61E-08	4.95E-09	2.10E-08	3.80E-09	1.27E-09	5.07E-09	2.97E-09	6.10E-10	3.58E-09
5621	624251.37	4266401.4	1.90E-08	6.53E-09	2.55E-08	1.59E-08	4.89E-09	2.08E-08	3.76E-09	1.25E-09	5.01E-09	2.93E-09	6.03E-10	3.53E-09
5622	624242.62	4266397.59	1.88E-08	6.45E-09	2.52E-08	1.57E-08	4.83E-09	2.05E-08	3.71E-09	1.24E-09	4.95E-09	2.90E-09	5.96E-10	3.49E-09
5623	624233.86	4266393.79	1.85E-08	6.37E-09	2.49E-08	1.55E-08	4.77E-09	2.02E-08	3.67E-09	1.22E-09	4.89E-09	2.86E-09	5.88E-10	3.44E-09
5624	624225.1	4266389.99	1.83E-08	6.28E-09	2.45E-08	1.53E-08	4.70E-09	2.00E-08	3.61E-09	1.20E-09	4.82E-09	2.82E-09	5.79E-10	3.40E-09
5625	624216.34	4266386.18	1.80E-08	6.18E-09	2.42E-08	1.50E-08	4.63E-09	1.97E-08	3.56E-09	1.18E-09	4.74E-09	2.77E-09	5.71E-10	3.35E-09
5626	624207.59	4266382.38	1.77E-08	6.09E-09	2.38E-08	1.48E-08	4.56E-09	1.94E-08	3.50E-09	1.17E-09	4.67E-09	2.73E-09	5.62E-10	3.29E-09
5627	624198.83	4266378.58	1.74E-08	5.99E-09	2.34E-08	1.45E-08	4.48E-09	1.90E-08	3.45E-09	1.15E-09	4.59E-09	2.69E-09	5.52E-10	3.24E-09
5628	624190.07	4266374.78	1.71E-08	5.88E-09	2.30E-08	1.43E-08	4.40E-09	1.87E-08	3.39E-09	1.13E-09	4.51E-09	2.64E-09	5.43E-10	3.18E-09
5629	624181.31	4266370.97	1.68E-08	5.77E-09	2.26E-08	1.40E-08	4.32E-09	1.84E-08	3.32E-09	1.11E-09	4.43E-09	2.59E-09	5.33E-10	3.12E-09
5630	624172.56	4266367.17	1.65E-08	5.67E-09	2.21E-08	1.38E-08	4.24E-09	1.80E-08	3.26E-09	1.09E-09	4.35E-09	2.54E-09	5.23E-10	3.07E-09
5631	624163.8	4266363.37	1.62E-08	5.56E-09	2.17E-08	1.35E-08	4.16E-09	1.77E-08	3.20E-09	1.06E-09	4.26E-09	2.49E-09	5.13E-10	3.01E-09
5632	624155.04	4266359.56	1.58E-08	5.45E-09	2.13E-08	1.32E-08	4.08E-09	1.73E-08	3.14E-09	1.04E-09	4.18E-09	2.44E-09	5.03E-10	2.95E-09
5633	624146.28	4266355.76	1.55E-08	5.34E-09	2.09E-08	1.30E-08	4.00E-09	1.70E-08	3.07E-09	1.02E-09	4.09E-09	2.39E-09	4.93E-10	2.89E-09
5634	624134.01	4266343.08	1.52E-08	5.23E-09	2.04E-08	1.27E-08	3.92E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.35E-09	4.83E-10	2.83E-09
5635	624130.49	4266334.2	1.52E-08	5.23E-09	2.04E-08	1.27E-08	3.92E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.35E-09	4.83E-10	2.83E-09
5636	624126.97	4266325.33	1.52E-08	5.23E-09	2.04E-08	1.27E-08	3.92E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.35E-09	4.83E-10	2.83E-09
5637	624123.45	4266316.45	1.52E-08	5.23E-09	2.04E-08	1.27E-08	3.92E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.35E-09	4.83E-10	2.83E-09
5638	624119.94	4266307.58	1.52E-08	5.22E-09	2.04E-08	1.27E-08	3.91E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.34E-09	4.82E-10	2.83E-09
5639	624081.24	4266209.95	1.46E-08	5.02E-09	1.96E-08	1.22E-08	3.76E-09	1.59E-08	2.89E-09	9.61E-10	3.85E-09	2.25E-09	4.63E-10	2.71E-09
5640	624077.72	4266201.07	1.45E-08	4.98E-09	1.94E-08	1.21E-08	3.73E-09	1.58E-08	2.86E-09	9.54E-10	3.82E-09	2.23E-09	4.59E-10	2.69E-09
5641	624074.2	4266192.19	1.43E-08	4.93E-09	1.93E-08	1.20E-08	3.69E-09	1.57E-08	2.84E-09	9.45E-10	3.79E-09	2.21E-09	4.55E-10	2.67E-09
5642	624070.68	4266183.32	1.42E-08	4.89E-09	1.91E-08	1.19E-08	3.66E-09	1.55E-08	2.81E-09	9.36E-10	3.75E-09	2.19E-09	4.51E-10	2.64E-09
5643	624067.16	4266174.44	1.41E-08	4.84E-09	1.89E-08	1.18E-08	3.62E-09	1.54E-08	2.78E-09	9.27E-10	3.71E-09	2.17E-09	4.47E-10	2.62E-09
5644	624063.65	4266165.57	1.39E-08	4.79E-09	1.87E-08	1.16E-08	3.59E-09	1.52E-08	2.76E-09	9.17E-10	3.67E-09	2.15E-09	4.42E-10	2.59E-09
5645	624347.7	4266443.23	2.07E-08	7.10E-09	2.78E-08	1.73E-08	5.32E-09	2.26E-08	4.09E-09	1.36E-09	5.45E-09	3.19E-09	6.56E-10	3.84E-09
5646	624357.59	4266443.41	2.09E-08	7.20E-09	2.81E-08	1.75E-08	5.39E-09	2.29E-08	4.15E-09	1.38E-09	5.53E-09	3.23E-09	6.65E-10	3.90E-09
5647	624367.48	4266443.59	2.12E-08	7.30E-09	2.85E-08	1.77E-08	5.46E-09	2.32E-08	4.20E-09	1.40E-09	5.60E-09	3.27E-09	6.74E-10	3.95E-09
5648	624377.37	4266443.76	2.15E-08	7.39E-09	2.89E-08	1.80E-08	5.53E-09	2.35E-08	4.26E-09	1.42E-09	5.67E-09	3.32E-09	6.82E-10	4.00E-09
5649	624387.26	4266443.94	2.18E-08	7.48E-09	2.92E-08	1.82E-08	5.60E-09	2.38E-08	4.31E-09	1.43E-09	5.74E-09	3.36E-09	6.91E-10	4.05E-09
5650	624397.15	4266444.12	2.20E-08	7.57E-09	2.96E-08	1.84E-08	5.67E-09	2.41E-08	4.36E-09	1.45E-09	5.81E-09	3.40E-09	6.99E-10	4.10E-09
5651	624407.04	4266444.29	2.23E-08	7.66E-09	2.99E-08	1.86E-08	5.74E-09	2.44E-08	4.41E-09	1.47E-09	5.88E-09	3.44E-09	7.07E-10	4.15E-09
5652	624416.93	4266444.47	2.25E-08	7.75E-09	3.03E-08	1.88E-08	5.80E-09	2.46E-08	4.46E-09	1.48E-09	5.94E-09	3.48E-09	7.15E-10	4.19E-09
5653	624426.82	4266444.64	2.28E-08	7.83E-09	3.06E-08	1.90E-08	5.87E-09	2.49E-08	4.51E-09	1.50E-09	6.01E-09	3.52E-09	7.23E-10	4.24E-09
5654	624436.71	4266444.82	2.30E-08	7.92E-09	3.10E-08	1.93E-08	5.93E-09	2.52E-08	4.56E-09	1.52E-09	6.08E-09	3.55E-09	7.31E-10	4.28E-09

5655	624446.6	4266445	2.33E-08	8.00E-09	3.13E-08	1.95E-08	5.99E-09	2.54E-08	4.61E-09	1.53E-09	6.14E-09	3.59E-09	7.39E-10	4.33E-09
5656	624456.48	4266445.17	2.35E-08	8.09E-09	3.16E-08	1.97E-08	6.06E-09	2.57E-08	4.66E-09	1.55E-09	6.20E-09	3.63E-09	7.46E-10	4.38E-09
5657	624466.37	4266445.35	2.38E-08	8.17E-09	3.19E-08	1.99E-08	6.12E-09	2.60E-08	4.70E-09	1.57E-09	6.27E-09	3.67E-09	7.54E-10	4.42E-09
5658	624476.26	4266445.53	2.40E-08	8.25E-09	3.22E-08	2.00E-08	6.17E-09	2.62E-08	4.75E-09	1.58E-09	6.33E-09	3.70E-09	7.61E-10	4.46E-09
5659	624486.15	4266445.7	2.42E-08	8.32E-09	3.25E-08	2.02E-08	6.23E-09	2.65E-08	4.79E-09	1.59E-09	6.38E-09	3.73E-09	7.68E-10	4.50E-09
5660	624496.04	4266445.88	2.44E-08	8.39E-09	3.28E-08	2.04E-08	6.28E-09	2.67E-08	4.83E-09	1.61E-09	6.44E-09	3.77E-09	7.75E-10	4.54E-09
5661	624505.93	4266446.06	2.46E-08	8.46E-09	3.31E-08	2.06E-08	6.33E-09	2.69E-08	4.87E-09	1.62E-09	6.49E-09	3.80E-09	7.81E-10	4.58E-09
5662	624515.82	4266446.23	2.48E-08	8.52E-09	3.33E-08	2.07E-08	6.38E-09	2.71E-08	4.90E-09	1.63E-09	6.54E-09	3.82E-09	7.86E-10	4.61E-09
5663	624525.71	4266446.41	2.49E-08	8.58E-09	3.35E-08	2.08E-08	6.42E-09	2.73E-08	4.94E-09	1.64E-09	6.58E-09	3.85E-09	7.92E-10	4.64E-09
5664	624594.93	4266447.65	2.56E-08	8.80E-09	3.44E-08	2.14E-08	6.59E-09	2.80E-08	5.06E-09	1.69E-09	6.75E-09	3.95E-09	8.12E-10	4.76E-09
5665	624604.82	4266447.82	2.56E-08	8.80E-09	3.44E-08	2.14E-08	6.59E-09	2.80E-08	5.07E-09	1.69E-09	6.75E-09	3.95E-09	8.12E-10	4.76E-09
5666	624614.71	4266448	2.56E-08	8.80E-09	3.44E-08	2.14E-08	6.59E-09	2.80E-08	5.07E-09	1.69E-09	6.75E-09	3.95E-09	8.12E-10	4.76E-09
5667	624624.6	4266448.18	2.56E-08	8.80E-09	3.44E-08	2.14E-08	6.59E-09	2.80E-08	5.06E-09	1.69E-09	6.75E-09	3.95E-09	8.12E-10	4.76E-09
5668	624634.49	4266448.35	2.56E-08	8.79E-09	3.43E-08	2.14E-08	6.58E-09	2.79E-08	5.06E-09	1.68E-09	6.74E-09	3.94E-09	8.11E-10	4.75E-09
5669	624644.38	4266448.53	2.55E-08	8.77E-09	3.43E-08	2.13E-08	6.57E-09	2.79E-08	5.05E-09	1.68E-09	6.73E-09	3.94E-09	8.09E-10	4.75E-09
5670	624654.27	4266448.71	2.54E-08	8.75E-09	3.42E-08	2.13E-08	6.55E-09	2.78E-08	5.04E-09	1.68E-09	6.71E-09	3.93E-09	8.07E-10	4.73E-09
5671	624664.16	4266448.88	2.54E-08	8.72E-09	3.41E-08	2.12E-08	6.53E-09	2.77E-08	5.02E-09	1.67E-09	6.69E-09	3.91E-09	8.05E-10	4.72E-09
5672	624674.05	4266449.06	2.53E-08	8.68E-09	3.39E-08	2.11E-08	6.50E-09	2.76E-08	5.00E-09	1.66E-09	6.66E-09	3.90E-09	8.01E-10	4.70E-09
5673	624683.94	4266449.24	2.51E-08	8.64E-09	3.38E-08	2.10E-08	6.47E-09	2.75E-08	4.97E-09	1.66E-09	6.63E-09	3.88E-09	7.97E-10	4.67E-09
5674	624693.83	4266449.41	2.50E-08	8.59E-09	3.36E-08	2.09E-08	6.43E-09	2.73E-08	4.94E-09	1.65E-09	6.59E-09	3.85E-09	7.92E-10	4.65E-09
5675	624703.71	4266449.59	2.48E-08	8.53E-09	3.33E-08	2.07E-08	6.38E-09	2.71E-08	4.91E-09	1.63E-09	6.54E-09	3.83E-09	7.87E-10	4.61E-09
5676	624713.6	4266449.77	2.46E-08	8.46E-09	3.31E-08	2.06E-08	6.33E-09	2.69E-08	4.87E-09	1.62E-09	6.49E-09	3.80E-09	7.81E-10	4.58E-09
5677	624723.49	4266449.94	2.44E-08	8.39E-09	3.28E-08	2.04E-08	6.28E-09	2.67E-08	4.83E-09	1.61E-09	6.43E-09	3.76E-09	7.74E-10	4.54E-09
5678	624733.38	4266450.12	2.42E-08	8.31E-09	3.25E-08	2.02E-08	6.22E-09	2.64E-08	4.78E-09	1.59E-09	6.37E-09	3.73E-09	7.67E-10	4.49E-09
5679	624743.27	4266450.3	2.39E-08	8.22E-09	3.21E-08	2.00E-08	6.15E-09	2.61E-08	4.73E-09	1.57E-09	6.31E-09	3.69E-09	7.58E-10	4.45E-09
5680	624753.16	4266450.47	2.36E-08	8.13E-09	3.18E-08	1.98E-08	6.08E-09	2.58E-08	4.68E-09	1.56E-09	6.24E-09	3.65E-09	7.50E-10	4.40E-09
5681	624763.05	4266450.65	2.34E-08	8.03E-09	3.14E-08	1.95E-08	6.01E-09	2.55E-08	4.62E-09	1.54E-09	6.16E-09	3.60E-09	7.41E-10	4.35E-09
5682	624772.94	4266450.83	2.31E-08	7.94E-09	3.10E-08	1.93E-08	5.94E-09	2.52E-08	4.57E-09	1.52E-09	6.09E-09	3.56E-09	7.33E-10	4.29E-09
5683	624782.83	4266451	2.28E-08	7.84E-09	3.07E-08	1.91E-08	5.87E-09	2.49E-08	4.52E-09	1.50E-09	6.02E-09	3.52E-09	7.24E-10	4.24E-09
5684	624792.72	4266451.18	2.25E-08	7.75E-09	3.03E-08	1.88E-08	5.80E-09	2.46E-08	4.46E-09	1.49E-09	5.95E-09	3.48E-09	7.15E-10	4.19E-09
5685	624802.61	4266451.36	2.23E-08	7.66E-09	2.99E-08	1.86E-08	5.73E-09	2.43E-08	4.41E-09	1.47E-09	5.87E-09	3.44E-09	7.07E-10	4.14E-09
5686	624812.5	4266451.53	2.20E-08	7.56E-09	2.95E-08	1.84E-08	5.66E-09	2.40E-08	4.35E-09	1.45E-09	5.80E-09	3.39E-09	6.97E-10	4.09E-09
5687	624822.39	4266451.71	2.17E-08	7.45E-09	2.91E-08	1.81E-08	5.58E-09	2.37E-08	4.29E-09	1.43E-09	5.72E-09	3.34E-09	6.88E-10	4.03E-09
5688	624832.27	4266451.89	2.14E-08	7.35E-09	2.87E-08	1.79E-08	5.50E-09	2.34E-08	4.23E-09	1.41E-09	5.64E-09	3.30E-09	6.78E-10	3.97E-09
5689	624842.16	4266452.06	2.10E-08	7.24E-09	2.83E-08	1.76E-08	5.42E-09	2.30E-08	4.17E-09	1.39E-09	5.55E-09	3.25E-09	6.68E-10	3.92E-09
5690	624338.05	4266489.42	1.80E-08	6.17E-09	2.41E-08	1.50E-08	4.62E-09	1.96E-08	3.55E-09	1.18E-09	4.74E-09	2.77E-09	5.70E-10	3.34E-09
5691	624329.3	4266485.62	1.79E-08	6.16E-09	2.41E-08	1.50E-08	4.62E-09	1.96E-08	3.55E-09	1.18E-09	4.73E-09	2.77E-09	5.69E-10	3.34E-09
5692	624320.54	4266481.81	1.79E-08	6.15E-09	2.40E-08	1.49E-08	4.60E-09	1.96E-08	3.54E-09	1.18E-09	4.72E-09	2.76E-09	5.68E-10	3.33E-09
5693	624311.78	4266478.01	1.78E-08	6.13E-09	2.40E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.17E-09	4.70E-09	2.75E-09	5.66E-10	3.32E-09
5694	624303.02	4266474.21	1.77E-08	6.10E-09	2.38E-08	1.48E-08	4.57E-09	1.94E-08	3.51E-09	1.17E-09	4.68E-09	2.74E-09	5.63E-10	3.30E-09
5695	624294.27	4266470.41	1.76E-08	6.07E-09	2.37E-08	1.48E-08	4.54E-09	1.93E-08	3.49E-09	1.16E-09	4.66E-09	2.72E-09	5.60E-10	3.28E-09
5696	624285.51	4266466.6	1.75E-08	6.03E-09	2.36E-08	1.47E-08	4.52E-09	1.92E-08	3.47E-09	1.16E-09	4.63E-09	2.71E-09	5.57E-10	3.26E-09
5697	624276.75	4266462.8	1.74E-08	5.99E-09	2.34E-08	1.46E-08	4.48E-09	1.90E-08	3.45E-09	1.15E-09	4.59E-09	2.69E-09	5.53E-10	3.24E-09
5698	624267.99	4266459	1.73E-08	5.94E-09	2.32E-08	1.44E-08	4.45E-09	1.89E-08	3.42E-09	1.14E-09	4.56E-09	2.67E-09	5.48E-10	3.21E-09
5699	624259.24	4266455.19	1.71E-08	5.89E-09	2.30E-08	1.43E-08	4.41E-09	1.87E-08	3.39E-09	1.13E-09	4.52E-09	2.64E-09	5.44E-10	3.19E-09
5700	624250.48	4266451.39	1.70E-08	5.84E-09	2.28E-08	1.42E-08	4.37E-09	1.86E-08	3.36E-09	1.12E-09	4.48E-09	2.62E-09	5.39E-10	3.16E-09
5701	624241.72	4266447.59	1.68E-08	5.78E-09	2.26E-08	1.41E-08	4.33E-09	1.84E-08	3.33E-09	1.11E-09	4.44E-09	2.59E-09	5.34E-10	3.13E-09
5702	624232.97	4266443.78	1.66E-08	5.73E-09	2.24E-08	1.39E-08	4.29E-09	1.82E-08	3.30E-09	1.10E-09	4.39E-09	2.57E-09	5.28E-10	3.10E-09
5703	624224.21	4266439.98	1.65E-08	5.66E-09	2.21E-08	1.38E-08	4.24E-09	1.80E-08	3.26E-09	1.09E-09	4.35E-09	2.54E-09	5.23E-10	3.06E-09
5704	624215.45	4266436.18	1.63E-08	5.60E-09	2.19E-08	1.36E-08	4.19E-09	1.78E-08	3.22E-09	1.07E-09	4.30E-09	2.51E-09	5.17E-10	3.03E-09
5705	624206.69	4266432.37	1.61E-08	5.53E-09	2.16E-08	1.34E-08	4.14E-09	1.76E-08	3.18E-09	1.06E-09	4.24E-09	2.48E-09	5.11E-10	2.99E-09
5706	624197.94	4266428.57	1.59E-08	5.46E-09	2.13E-08	1.33E-08	4.09E-09	1.74E-08	3.14E-09	1.05E-09	4.19E-09	2.45E-09	5.04E-10	2.95E-09
5707	624189.18	4266424.77	1.57E-08	5.39E-09	2.11E-08	1.31E-08	4.03E-09	1.71E-08	3.10E-09	1.03E-09	4.13E-09	2.42E-09	4.97E-10	2.91E-09
5708	624180.42	4266420.96	1.54E-08	5.31E-09	2.08E-08	1.29E-08	3.98E-09	1.69E-08	3.06E-09	1.02E-09	4.07E-09	2.38E-09	4.90E-10	2.87E-09
5709	624171.66	4266417.16	1.52E-08	5.23E-09	2.04E-08	1.27E-08	3.92E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.35E-09	4.83E-10	2.83E-09
5710	624162.91	4266413.36	1.50E-08	5.15E-09	2.01E-08	1.25E-08	3.85E-09	1.64E-08	2.96E-09	9.86E-10	3.95E-09	2.31E-09	4.75E-10	2.78E-09
5711	624154.15	4266409.55	1.47E-08	5.06E-09	1.98E-08	1.23E-08	3.79E-09	1.61E-08	2.91E-09	9.70E-10	3.88E-09	2.27E-09	4.67E-10	2.74E-09
5712	624145.39	4266405.75	1.45E-08	4.98E-09	1.94E-08	1.21E-08	3.73E-09	1.58E-08	2.86E-09	9.53E-10	3.82E-09	2.23E-09	4.59E-10	2.69E-09
5713	624136.63	4266401.95	1.42E-08	4.89E-09	1.91E-08	1.19E-08	3.66E-09	1.55E-08	2.81E-09	9.36E-10	3.75E-09	2.19E-09	4.51E-10	2.64E-09
5714	624127.88	4266398.14	1.39E-08	4.80E-09	1.87E-08	1.17E-08	3.59E-09	1.53E-08	2.76E-09	9.19E-10	3.68E-09	2.15E-09	4.43E-10	2.60E-09
5715	624119.12	4266394.34	1.37E-08	4.71E-09	1.84E-08	1.14E-08	3.52E-09	1.50E-08	2.71E-09	9.02E-10	3.61E-09	2.11E-09	4.34E-10	2.55E-09
5716	624080.5	4266333.48	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.38E-09	1.44E-08	2.60E-09	8.65E-10	3.46E-09	2.03E-09	4.17E-10	2.44E-09
5717	624076.98	4266324.61	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.37E-09	1.43E-08	2.59E-09	8.64E-10	3.46E-09	2.02E-09	4.16E-10	2.44E-09
5718	624073.46	4266315.73	1.31E-08	4.50E-09	1.76E-08	1.09E-08	3.37E-09	1.43E-08	2.59E-09	8.62E-10	3.45E-09	2.02E-09	4.15E-10	2.43E-09
5719	624069.94	4266306.85	1.31E-08	4.49E-09	1.75E-08	1.09E-08	3.36E-09	1.43E-08	2.58E-09	8.60E-10	3.45E-09	2.01E-09	4.14E-10	2.43E-09
5720	624066.42	4266297.98	1.30E-08	4.48E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.58E-09	8.58E-10	3.44E-09	2.01E-09	4.13E-10	2.42E-09
5721	624062.91	4266289.1	1.30E-08	4.47E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.57E-09	8.56E-10	3.43E-09	2.01E-09	4.12E-10	2.42E-09
5722	624059.39	4266280.23	1.30E-08	4.46E-09	1.74E-08	1.08E-08	3.34E-09	1.42E-08	2.57E-09	8.54E-10	3.42E-09	2.00E-09	4.11E-10	2.41E-09
5723	624055.87	4266271.35	1.29E-08	4.44E-09	1.74E-08	1.08E-08	3.33E-09	1.41E-08	2.56E-09	8.51E-10	3.41E-09	1.99E-09	4.10E-10	2.40E-09

5724	624052.35	4266262.48	1.29E-08	4.43E-09	1.73E-08	1.08E-08	3.31E-09	1.41E-08	2.55E-09	8.48E-10	3.40E-09	1.99E-09	4.09E-10	2.40E-09
5725	624048.83	4266253.6	1.28E-08	4.41E-09	1.72E-08	1.07E-08	3.30E-09	1.40E-08	2.54E-09	8.45E-10	3.38E-09	1.98E-09	4.07E-10	2.39E-09
5726	624045.31	4266244.72	1.28E-08	4.39E-09	1.72E-08	1.07E-08	3.29E-09	1.40E-08	2.53E-09	8.41E-10	3.37E-09	1.97E-09	4.05E-10	2.37E-09
5727	624041.8	4266235.85	1.27E-08	4.37E-09	1.71E-08	1.06E-08	3.27E-09	1.39E-08	2.51E-09	8.36E-10	3.35E-09	1.96E-09	4.03E-10	2.36E-09
5728	624038.28	4266226.97	1.26E-08	4.34E-09	1.70E-08	1.05E-08	3.25E-09	1.38E-08	2.50E-09	8.31E-10	3.33E-09	1.95E-09	4.00E-10	2.35E-09
5729	624034.76	4266218.1	1.25E-08	4.31E-09	1.68E-08	1.05E-08	3.23E-09	1.37E-08	2.48E-09	8.26E-10	3.31E-09	1.93E-09	3.98E-10	2.33E-09
5730	624031.24	4266209.22	1.24E-08	4.28E-09	1.67E-08	1.04E-08	3.20E-09	1.36E-08	2.46E-09	8.19E-10	3.28E-09	1.92E-09	3.95E-10	2.31E-09
5731	624027.72	4266200.35	1.23E-08	4.24E-09	1.66E-08	1.03E-08	3.18E-09	1.35E-08	2.44E-09	8.13E-10	3.25E-09	1.90E-09	3.91E-10	2.29E-09
5732	624024.21	4266191.47	1.22E-08	4.20E-09	1.64E-08	1.02E-08	3.15E-09	1.34E-08	2.42E-09	8.05E-10	3.23E-09	1.89E-09	3.88E-10	2.27E-09
5733	624020.69	4266182.6	1.21E-08	4.17E-09	1.63E-08	1.01E-08	3.12E-09	1.32E-08	2.40E-09	7.98E-10	3.20E-09	1.87E-09	3.84E-10	2.25E-09
5734	624017.17	4266173.72	1.20E-08	4.13E-09	1.61E-08	1.00E-08	3.09E-09	1.31E-08	2.37E-09	7.90E-10	3.17E-09	1.85E-09	3.81E-10	2.23E-09
5735	624013.65	4266164.84	1.19E-08	4.09E-09	1.60E-08	9.93E-09	3.06E-09	1.30E-08	2.35E-09	7.83E-10	3.13E-09	1.83E-09	3.77E-10	2.21E-09
5736	624346.81	4266493.22	1.80E-08	6.18E-09	2.41E-08	1.50E-08	4.62E-09	1.96E-08	3.56E-09	1.18E-09	4.74E-09	2.77E-09	5.70E-10	3.34E-09
5737	624356.7	4266493.4	1.82E-08	6.24E-09	2.44E-08	1.52E-08	4.67E-09	1.99E-08	3.59E-09	1.20E-09	4.79E-09	2.80E-09	5.76E-10	3.38E-09
5738	624366.59	4266493.58	1.83E-08	6.31E-09	2.47E-08	1.53E-08	4.72E-09	2.01E-08	3.63E-09	1.21E-09	4.84E-09	2.83E-09	5.82E-10	3.41E-09
5739	624376.48	4266493.75	1.85E-08	6.37E-09	2.49E-08	1.55E-08	4.77E-09	2.03E-08	3.67E-09	1.22E-09	4.89E-09	2.86E-09	5.88E-10	3.45E-09
5740	624386.37	4266493.93	1.87E-08	6.43E-09	2.51E-08	1.56E-08	4.81E-09	2.04E-08	3.70E-09	1.23E-09	4.93E-09	2.89E-09	5.93E-10	3.48E-09
5741	624396.26	4266494.11	1.89E-08	6.49E-09	2.54E-08	1.58E-08	4.86E-09	2.06E-08	3.73E-09	1.24E-09	4.98E-09	2.91E-09	5.99E-10	3.51E-09
5742	624406.15	4266494.28	1.90E-08	6.54E-09	2.56E-08	1.59E-08	4.90E-09	2.08E-08	3.77E-09	1.25E-09	5.02E-09	2.94E-09	6.04E-10	3.54E-09
5743	624416.04	4266494.46	1.92E-08	6.60E-09	2.58E-08	1.60E-08	4.94E-09	2.10E-08	3.80E-09	1.26E-09	5.06E-09	2.96E-09	6.09E-10	3.57E-09
5744	624485.26	4266495.7	2.02E-08	6.95E-09	2.72E-08	1.69E-08	5.21E-09	2.21E-08	4.00E-09	1.33E-09	5.34E-09	3.12E-09	6.42E-10	3.76E-09
5745	624495.15	4266495.87	2.03E-08	7.00E-09	2.73E-08	1.70E-08	5.24E-09	2.22E-08	4.03E-09	1.34E-09	5.37E-09	3.14E-09	6.46E-10	3.79E-09
5746	624505.04	4266496.05	2.05E-08	7.04E-09	2.75E-08	1.71E-08	5.27E-09	2.24E-08	4.05E-09	1.35E-09	5.40E-09	3.16E-09	6.50E-10	3.81E-09
5747	624514.93	4266496.23	2.06E-08	7.08E-09	2.77E-08	1.72E-08	5.30E-09	2.25E-08	4.07E-09	1.36E-09	5.43E-09	3.18E-09	6.53E-10	3.83E-09
5748	624524.82	4266496.4	2.07E-08	7.11E-09	2.78E-08	1.73E-08	5.33E-09	2.26E-08	4.09E-09	1.36E-09	5.46E-09	3.19E-09	6.56E-10	3.85E-09
5749	624534.71	4266496.58	2.08E-08	7.14E-09	2.79E-08	1.74E-08	5.35E-09	2.27E-08	4.11E-09	1.37E-09	5.48E-09	3.21E-09	6.59E-10	3.87E-09
5750	624544.59	4266496.76	2.09E-08	7.17E-09	2.80E-08	1.74E-08	5.37E-09	2.28E-08	4.13E-09	1.37E-09	5.50E-09	3.22E-09	6.62E-10	3.88E-09
5751	624554.48	4266496.93	2.09E-08	7.20E-09	2.81E-08	1.75E-08	5.39E-09	2.29E-08	4.14E-09	1.38E-09	5.52E-09	3.23E-09	6.64E-10	3.89E-09
5752	624564.37	4266497.11	2.10E-08	7.22E-09	2.82E-08	1.75E-08	5.41E-09	2.30E-08	4.16E-09	1.38E-09	5.54E-09	3.24E-09	6.66E-10	3.91E-09
5753	624574.26	4266497.29	2.10E-08	7.24E-09	2.83E-08	1.76E-08	5.42E-09	2.30E-08	4.17E-09	1.39E-09	5.55E-09	3.25E-09	6.68E-10	3.92E-09
5754	624584.15	4266497.46	2.11E-08	7.25E-09	2.83E-08	1.76E-08	5.43E-09	2.31E-08	4.17E-09	1.39E-09	5.56E-09	3.25E-09	6.69E-10	3.92E-09
5755	624594.04	4266497.64	2.11E-08	7.26E-09	2.84E-08	1.77E-08	5.44E-09	2.31E-08	4.18E-09	1.39E-09	5.57E-09	3.26E-09	6.70E-10	3.93E-09
5756	624603.93	4266497.82	2.11E-08	7.27E-09	2.84E-08	1.77E-08	5.44E-09	2.31E-08	4.18E-09	1.39E-09	5.58E-09	3.26E-09	6.71E-10	3.93E-09
5757	624613.82	4266497.99	2.11E-08	7.27E-09	2.84E-08	1.77E-08	5.45E-09	2.31E-08	4.19E-09	1.39E-09	5.58E-09	3.26E-09	6.71E-10	3.93E-09
5758	624623.71	4266498.17	2.12E-08	7.27E-09	2.84E-08	1.77E-08	5.45E-09	2.31E-08	4.19E-09	1.39E-09	5.58E-09	3.26E-09	6.71E-10	3.93E-09
5759	624633.6	4266498.35	2.11E-08	7.27E-09	2.84E-08	1.77E-08	5.44E-09	2.31E-08	4.18E-09	1.39E-09	5.58E-09	3.26E-09	6.71E-10	3.93E-09
5760	624643.49	4266498.52	2.11E-08	7.26E-09	2.84E-08	1.77E-08	5.44E-09	2.31E-08	4.18E-09	1.39E-09	5.57E-09	3.26E-09	6.70E-10	3.93E-09
5761	624653.38	4266498.7	2.11E-08	7.25E-09	2.83E-08	1.76E-08	5.43E-09	2.31E-08	4.17E-09	1.39E-09	5.56E-09	3.25E-09	6.69E-10	3.92E-09
5762	624663.27	4266498.88	2.10E-08	7.23E-09	2.83E-08	1.76E-08	5.42E-09	2.30E-08	4.16E-09	1.39E-09	5.55E-09	3.25E-09	6.68E-10	3.91E-09
5763	624673.15	4266499.05	2.10E-08	7.21E-09	2.82E-08	1.75E-08	5.40E-09	2.29E-08	4.15E-09	1.38E-09	5.53E-09	3.24E-09	6.65E-10	3.90E-09
5764	624683.04	4266499.23	2.09E-08	7.18E-09	2.81E-08	1.75E-08	5.38E-09	2.28E-08	4.13E-09	1.38E-09	5.51E-09	3.22E-09	6.63E-10	3.89E-09
5765	624692.93	4266499.41	2.08E-08	7.15E-09	2.79E-08	1.74E-08	5.35E-09	2.27E-08	4.11E-09	1.37E-09	5.48E-09	3.21E-09	6.60E-10	3.87E-09
5766	624702.82	4266499.58	2.07E-08	7.11E-09	2.78E-08	1.73E-08	5.32E-09	2.26E-08	4.09E-09	1.36E-09	5.45E-09	3.19E-09	6.56E-10	3.84E-09
5767	624712.71	4266499.76	2.05E-08	7.06E-09	2.76E-08	1.72E-08	5.29E-09	2.24E-08	4.06E-09	1.35E-09	5.42E-09	3.17E-09	6.51E-10	3.82E-09
5768	624722.6	4266499.94	2.04E-08	7.01E-09	2.74E-08	1.70E-08	5.25E-09	2.23E-08	4.03E-09	1.34E-09	5.38E-09	3.14E-09	6.47E-10	3.79E-09
5769	624732.49	4266500.11	2.02E-08	6.95E-09	2.72E-08	1.69E-08	5.20E-09	2.21E-08	4.00E-09	1.33E-09	5.33E-09	3.12E-09	6.42E-10	3.76E-09
5770	624742.38	4266500.29	2.00E-08	6.89E-09	2.69E-08	1.68E-08	5.16E-09	2.19E-08	3.97E-09	1.32E-09	5.29E-09	3.09E-09	6.36E-10	3.73E-09
5771	624752.27	4266500.46	1.99E-08	6.83E-09	2.67E-08	1.66E-08	5.11E-09	2.17E-08	3.93E-09	1.31E-09	5.24E-09	3.06E-09	6.30E-10	3.69E-09
5772	624762.16	4266500.64	1.97E-08	6.77E-09	2.64E-08	1.64E-08	5.07E-09	2.15E-08	3.89E-09	1.30E-09	5.19E-09	3.04E-09	6.24E-10	3.66E-09
5773	624772.05	4266500.82	1.95E-08	6.70E-09	2.62E-08	1.63E-08	5.02E-09	2.13E-08	3.86E-09	1.28E-09	5.14E-09	3.01E-09	6.18E-10	3.62E-09
5774	624781.94	4266500.99	1.93E-08	6.64E-09	2.59E-08	1.61E-08	4.97E-09	2.11E-08	3.82E-09	1.27E-09	5.09E-09	2.98E-09	6.12E-10	3.59E-09
5775	624791.82	4266501.17	1.91E-08	6.57E-09	2.57E-08	1.60E-08	4.92E-09	2.09E-08	3.78E-09	1.26E-09	5.04E-09	2.95E-09	6.07E-10	3.56E-09
5776	624801.71	4266501.35	1.89E-08	6.51E-09	2.54E-08	1.58E-08	4.87E-09	2.07E-08	3.75E-09	1.25E-09	4.99E-09	2.92E-09	6.01E-10	3.52E-09
5777	624811.6	4266501.52	1.87E-08	6.44E-09	2.52E-08	1.57E-08	4.82E-09	2.05E-08	3.71E-09	1.23E-09	4.94E-09	2.89E-09	5.94E-10	3.48E-09
5778	624821.49	4266501.7	1.85E-08	6.37E-09	2.49E-08	1.55E-08	4.77E-09	2.02E-08	3.67E-09	1.22E-09	4.89E-09	2.86E-09	5.88E-10	3.45E-09
5779	624831.38	4266501.88	1.83E-08	6.30E-09	2.46E-08	1.53E-08	4.71E-09	2.00E-08	3.62E-09	1.21E-09	4.83E-09	2.82E-09	5.81E-10	3.41E-09
5780	624841.27	4266502.05	1.81E-08	6.22E-09	2.43E-08	1.51E-08	4.66E-09	1.98E-08	3.58E-09	1.19E-09	4.77E-09	2.79E-09	5.74E-10	3.36E-09
5781	624318.8	4266531.44	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.01E-10	2.93E-09
5782	624309.76	4266527.51	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.00E-10	2.93E-09
5783	624300.72	4266523.59	1.57E-08	5.40E-09	2.11E-08	1.31E-08	4.04E-09	1.72E-08	3.11E-09	1.04E-09	4.14E-09	2.42E-09	4.99E-10	2.92E-09
5784	624291.68	4266519.66	1.57E-08	5.38E-09	2.10E-08	1.31E-08	4.03E-09	1.71E-08	3.10E-09	1.03E-09	4.13E-09	2.42E-09	4.97E-10	2.91E-09
5785	624282.64	4266515.74	1.56E-08	5.36E-09	2.09E-08	1.30E-08	4.01E-09	1.70E-08	3.08E-09	1.03E-09	4.11E-09	2.40E-09	4.95E-10	2.90E-09
5786	624273.6	4266511.81	1.55E-08	5.33E-09	2.08E-08	1.30E-08	3.99E-09	1.69E-08	3.07E-09	1.02E-09	4.09E-09	2.39E-09	4.92E-10	2.88E-09
5787	624264.56	4266507.88	1.54E-08	5.30E-09	2.07E-08	1.29E-08	3.97E-09	1.68E-08	3.05E-09	1.02E-09	4.07E-09	2.38E-09	4.89E-10	2.87E-09
5788	624255.52	4266503.96	1.53E-08	5.26E-09	2.06E-08	1.28E-08	3.94E-09	1.67E-08	3.03E-09	1.01E-09	4.04E-09	2.36E-09	4.86E-10	2.85E-09
5789	624246.48	4266500.03	1.52E-08	5.22E-09	2.04E-08	1.27E-08	3.91E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.34E-09	4.82E-10	2.83E-09
5790	624237.44	4266496.11	1.51E-08	5.18E-09	2.03E-08	1.26E-08	3.88E-09	1.65E-08	2.98E-09	9.93E-10	3.98E-09	2.33E-09	4.78E-10	2.80E-09
5791	624228.4	4266492.18	1.50E-08	5.14E-09	2.01E-08	1.25E-08	3.85E-09	1.63E-08	2.96E-09	9.85E-10	3.94E-09	2.31E-09	4.74E-10	2.78E-09
5792	624219.36	4266488.25	1.48E-08	5.10E-09	1.99E-08	1.24E-08	3.81E-09	1.62E-08	2.93E-09	9.76E-10	3.91E-09	2.29E-09	4.70E-10	2.76E-09

5793	624210.32	4266484.33	1.47E-08	5.05E-09	1.97E-08	1.23E-08	3.78E-09	1.60E-08	2.91E-09	9.67E-10	3.87E-09	2.27E-09	4.66E-10	2.73E-09
5794	624201.28	4266480.4	1.45E-08	5.00E-09	1.95E-08	1.21E-08	3.74E-09	1.59E-08	2.88E-09	9.58E-10	3.83E-09	2.24E-09	4.61E-10	2.70E-09
5795	624192.24	4266476.48	1.44E-08	4.95E-09	1.93E-08	1.20E-08	3.70E-09	1.57E-08	2.85E-09	9.48E-10	3.79E-09	2.22E-09	4.56E-10	2.68E-09
5796	624183.2	4266472.55	1.42E-08	4.89E-09	1.91E-08	1.19E-08	3.66E-09	1.56E-08	2.82E-09	9.37E-10	3.75E-09	2.19E-09	4.51E-10	2.65E-09
5797	624174.16	4266468.63	1.41E-08	4.83E-09	1.89E-08	1.17E-08	3.62E-09	1.54E-08	2.78E-09	9.26E-10	3.71E-09	2.17E-09	4.46E-10	2.61E-09
5798	624165.12	4266464.7	1.39E-08	4.77E-09	1.86E-08	1.16E-08	3.57E-09	1.52E-08	2.75E-09	9.14E-10	3.66E-09	2.14E-09	4.40E-10	2.58E-09
5799	624156.08	4266460.77	1.37E-08	4.71E-09	1.84E-08	1.14E-08	3.52E-09	1.50E-08	2.71E-09	9.02E-10	3.61E-09	2.11E-09	4.34E-10	2.55E-09
5800	624147.04	4266456.85	1.35E-08	4.64E-09	1.81E-08	1.13E-08	3.48E-09	1.48E-08	2.67E-09	8.89E-10	3.56E-09	2.08E-09	4.28E-10	2.51E-09
5801	624138	4266452.92	1.33E-08	4.57E-09	1.79E-08	1.11E-08	3.42E-09	1.45E-08	2.63E-09	8.76E-10	3.51E-09	2.05E-09	4.22E-10	2.47E-09
5802	624128.96	4266449	1.31E-08	4.50E-09	1.76E-08	1.09E-08	3.37E-09	1.43E-08	2.59E-09	8.63E-10	3.45E-09	2.02E-09	4.15E-10	2.44E-09
5803	624119.92	4266445.07	1.29E-08	4.43E-09	1.73E-08	1.08E-08	3.32E-09	1.41E-08	2.55E-09	8.49E-10	3.40E-09	1.99E-09	4.09E-10	2.40E-09
5804	624074.72	4266425.44	1.18E-08	4.05E-09	1.58E-08	9.84E-09	3.03E-09	1.29E-08	2.33E-09	7.76E-10	3.11E-09	1.82E-09	3.74E-10	2.19E-09
5805	624062.05	4266412.35	1.15E-08	3.97E-09	1.55E-08	9.65E-09	2.97E-09	1.26E-08	2.29E-09	7.61E-10	3.05E-09	1.78E-09	3.66E-10	2.15E-09
5806	624058.42	4266403.19	1.15E-08	3.97E-09	1.55E-08	9.65E-09	2.97E-09	1.26E-08	2.28E-09	7.60E-10	3.04E-09	1.78E-09	3.66E-10	2.15E-09
5807	624054.79	4266394.03	1.15E-08	3.96E-09	1.55E-08	9.64E-09	2.97E-09	1.26E-08	2.28E-09	7.60E-10	3.04E-09	1.78E-09	3.66E-10	2.14E-09
5808	624051.16	4266384.87	1.15E-08	3.96E-09	1.55E-08	9.62E-09	2.96E-09	1.26E-08	2.28E-09	7.59E-10	3.04E-09	1.78E-09	3.65E-10	2.14E-09
5809	624047.52	4266375.7	1.15E-08	3.95E-09	1.55E-08	9.61E-09	2.96E-09	1.26E-08	2.28E-09	7.58E-10	3.03E-09	1.77E-09	3.65E-10	2.14E-09
5810	624043.89	4266366.54	1.15E-08	3.95E-09	1.54E-08	9.60E-09	2.96E-09	1.26E-08	2.27E-09	7.57E-10	3.03E-09	1.77E-09	3.64E-10	2.14E-09
5811	624040.26	4266357.38	1.15E-08	3.94E-09	1.54E-08	9.58E-09	2.95E-09	1.25E-08	2.27E-09	7.55E-10	3.02E-09	1.77E-09	3.64E-10	2.13E-09
5812	624036.63	4266348.22	1.14E-08	3.94E-09	1.54E-08	9.57E-09	2.95E-09	1.25E-08	2.27E-09	7.54E-10	3.02E-09	1.77E-09	3.63E-10	2.13E-09
5813	624033	4266339.06	1.14E-08	3.93E-09	1.54E-08	9.55E-09	2.94E-09	1.25E-08	2.26E-09	7.53E-10	3.01E-09	1.76E-09	3.63E-10	2.13E-09
5814	624029.37	4266329.9	1.14E-08	3.92E-09	1.53E-08	9.53E-09	2.94E-09	1.25E-08	2.26E-09	7.51E-10	3.01E-09	1.76E-09	3.62E-10	2.12E-09
5815	624025.74	4266320.73	1.14E-08	3.91E-09	1.53E-08	9.51E-09	2.93E-09	1.24E-08	2.25E-09	7.50E-10	3.00E-09	1.76E-09	3.61E-10	2.12E-09
5816	624022.1	4266311.57	1.14E-08	3.90E-09	1.53E-08	9.49E-09	2.92E-09	1.24E-08	2.25E-09	7.48E-10	3.00E-09	1.75E-09	3.60E-10	2.11E-09
5817	624018.47	4266302.41	1.13E-08	3.90E-09	1.52E-08	9.47E-09	2.92E-09	1.24E-08	2.24E-09	7.47E-10	2.99E-09	1.75E-09	3.60E-10	2.11E-09
5818	624014.84	4266293.25	1.13E-08	3.89E-09	1.52E-08	9.45E-09	2.91E-09	1.24E-08	2.24E-09	7.45E-10	2.98E-09	1.74E-09	3.59E-10	2.10E-09
5819	624011.21	4266284.09	1.13E-08	3.88E-09	1.51E-08	9.42E-09	2.90E-09	1.23E-08	2.23E-09	7.43E-10	2.97E-09	1.74E-09	3.58E-10	2.10E-09
5820	624007.58	4266274.92	1.12E-08	3.86E-09	1.51E-08	9.39E-09	2.89E-09	1.23E-08	2.22E-09	7.40E-10	2.96E-09	1.73E-09	3.57E-10	2.09E-09
5821	624003.95	4266265.76	1.12E-08	3.85E-09	1.50E-08	9.36E-09	2.88E-09	1.22E-08	2.22E-09	7.38E-10	2.95E-09	1.73E-09	3.55E-10	2.08E-09
5822	624000.31	4266256.6	1.11E-08	3.83E-09	1.50E-08	9.32E-09	2.87E-09	1.22E-08	2.21E-09	7.35E-10	2.94E-09	1.72E-09	3.54E-10	2.07E-09
5823	623996.68	4266247.44	1.11E-08	3.81E-09	1.49E-08	9.27E-09	2.86E-09	1.21E-08	2.20E-09	7.31E-10	2.93E-09	1.71E-09	3.52E-10	2.06E-09
5824	623993.05	4266238.28	1.10E-08	3.79E-09	1.48E-08	9.22E-09	2.84E-09	1.21E-08	2.18E-09	7.27E-10	2.91E-09	1.70E-09	3.50E-10	2.05E-09
5825	623989.42	4266229.11	1.10E-08	3.77E-09	1.47E-08	9.16E-09	2.82E-09	1.20E-08	2.17E-09	7.22E-10	2.89E-09	1.69E-09	3.48E-10	2.04E-09
5826	623985.79	4266219.95	1.09E-08	3.74E-09	1.46E-08	9.10E-09	2.80E-09	1.19E-08	2.15E-09	7.17E-10	2.87E-09	1.68E-09	3.45E-10	2.02E-09
5827	623982.16	4266210.79	1.08E-08	3.71E-09	1.45E-08	9.02E-09	2.78E-09	1.18E-08	2.14E-09	7.11E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
5828	623978.52	4266201.63	1.07E-08	3.68E-09	1.44E-08	8.95E-09	2.76E-09	1.17E-08	2.12E-09	7.05E-10	2.82E-09	1.65E-09	3.40E-10	1.99E-09
5829	623974.89	4266192.47	1.06E-08	3.65E-09	1.43E-08	8.87E-09	2.73E-09	1.16E-08	2.10E-09	6.99E-10	2.80E-09	1.64E-09	3.37E-10	1.97E-09
5830	623971.26	4266183.3	1.05E-08	3.62E-09	1.41E-08	8.79E-09	2.71E-09	1.15E-08	2.08E-09	6.93E-10	2.77E-09	1.62E-09	3.34E-10	1.96E-09
5831	623967.63	4266174.14	1.04E-08	3.58E-09	1.40E-08	8.71E-09	2.68E-09	1.14E-08	2.06E-09	6.86E-10	2.75E-09	1.61E-09	3.31E-10	1.94E-09
5832	623964	4266164.98	1.03E-08	3.55E-09	1.39E-08	8.63E-09	2.66E-09	1.13E-08	2.04E-09	6.80E-10	2.72E-09	1.59E-09	3.27E-10	1.92E-09
5833	624365.7	4266543.57	1.60E-08	5.51E-09	2.15E-08	1.34E-08	4.12E-09	1.75E-08	3.17E-09	1.06E-09	4.23E-09	2.47E-09	5.08E-10	2.98E-09
5834	624375.59	4266543.75	1.61E-08	5.55E-09	2.17E-08	1.35E-08	4.15E-09	1.76E-08	3.19E-09	1.06E-09	4.26E-09	2.49E-09	5.12E-10	3.00E-09
5835	624385.47	4266543.92	1.62E-08	5.59E-09	2.18E-08	1.36E-08	4.18E-09	1.78E-08	3.22E-09	1.07E-09	4.29E-09	2.51E-09	5.16E-10	3.02E-09
5836	624395.36	4266544.1	1.64E-08	5.62E-09	2.20E-08	1.37E-08	4.21E-09	1.79E-08	3.24E-09	1.08E-09	4.32E-09	2.52E-09	5.19E-10	3.04E-09
5837	624405.25	4266544.28	1.65E-08	5.66E-09	2.21E-08	1.38E-08	4.24E-09	1.80E-08	3.26E-09	1.08E-09	4.34E-09	2.54E-09	5.22E-10	3.06E-09
5838	624415.14	4266544.45	1.66E-08	5.69E-09	2.23E-08	1.38E-08	4.26E-09	1.81E-08	3.28E-09	1.09E-09	4.37E-09	2.56E-09	5.26E-10	3.08E-09
5839	624425.03	4266544.63	1.67E-08	5.73E-09	2.24E-08	1.39E-08	4.29E-09	1.82E-08	3.30E-09	1.10E-09	4.39E-09	2.57E-09	5.29E-10	3.10E-09
5840	624434.92	4266544.81	1.67E-08	5.76E-09	2.25E-08	1.40E-08	4.31E-09	1.83E-08	3.32E-09	1.10E-09	4.42E-09	2.58E-09	5.32E-10	3.12E-09
5841	624444.81	4266544.98	1.68E-08	5.79E-09	2.26E-08	1.41E-08	4.34E-09	1.84E-08	3.33E-09	1.11E-09	4.44E-09	2.60E-09	5.34E-10	3.13E-09
5842	624454.7	4266545.16	1.69E-08	5.82E-09	2.27E-08	1.41E-08	4.36E-09	1.85E-08	3.35E-09	1.12E-09	4.47E-09	2.61E-09	5.37E-10	3.15E-09
5843	624464.59	4266545.34	1.70E-08	5.85E-09	2.29E-08	1.42E-08	4.38E-09	1.86E-08	3.37E-09	1.12E-09	4.49E-09	2.63E-09	5.40E-10	3.17E-09
5844	624474.48	4266545.51	1.71E-08	5.88E-09	2.30E-08	1.43E-08	4.40E-09	1.87E-08	3.38E-09	1.13E-09	4.51E-09	2.64E-09	5.43E-10	3.18E-09
5845	624484.37	4266545.69	1.72E-08	5.91E-09	2.31E-08	1.44E-08	4.42E-09	1.88E-08	3.40E-09	1.13E-09	4.53E-09	2.65E-09	5.45E-10	3.20E-09
5846	624494.26	4266545.87	1.73E-08	5.93E-09	2.32E-08	1.44E-08	4.44E-09	1.89E-08	3.41E-09	1.14E-09	4.55E-09	2.66E-09	5.48E-10	3.21E-09
5847	624504.15	4266546.04	1.73E-08	5.96E-09	2.33E-08	1.45E-08	4.46E-09	1.89E-08	3.43E-09	1.14E-09	4.57E-09	2.67E-09	5.50E-10	3.22E-09
5848	624514.03	4266546.22	1.74E-08	5.98E-09	2.34E-08	1.45E-08	4.48E-09	1.90E-08	3.44E-09	1.15E-09	4.59E-09	2.68E-09	5.52E-10	3.24E-09
5849	624523.92	4266546.4	1.75E-08	6.00E-09	2.35E-08	1.46E-08	4.49E-09	1.91E-08	3.46E-09	1.15E-09	4.61E-09	2.69E-09	5.54E-10	3.25E-09
5850	624533.81	4266546.57	1.75E-08	6.02E-09	2.35E-08	1.46E-08	4.51E-09	1.92E-08	3.47E-09	1.15E-09	4.62E-09	2.70E-09	5.56E-10	3.26E-09
5851	624543.7	4266546.75	1.76E-08	6.04E-09	2.36E-08	1.47E-08	4.52E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.71E-09	5.58E-10	3.27E-09
5852	624553.59	4266546.92	1.76E-08	6.06E-09	2.37E-08	1.47E-08	4.54E-09	1.93E-08	3.49E-09	1.16E-09	4.65E-09	2.72E-09	5.59E-10	3.28E-09
5853	624563.48	4266547.1	1.77E-08	6.07E-09	2.37E-08	1.48E-08	4.55E-09	1.93E-08	3.50E-09	1.16E-09	4.66E-09	2.73E-09	5.61E-10	3.29E-09
5854	624573.37	4266547.28	1.77E-08	6.09E-09	2.38E-08	1.48E-08	4.56E-09	1.94E-08	3.50E-09	1.17E-09	4.67E-09	2.73E-09	5.62E-10	3.29E-09
5855	624583.26	4266547.45	1.77E-08	6.10E-09	2.38E-08	1.48E-08	4.57E-09	1.94E-08	3.51E-09	1.17E-09	4.68E-09	2.74E-09	5.63E-10	3.30E-09
5856	624593.15	4266547.63	1.78E-08	6.11E-09	2.39E-08	1.49E-08	4.57E-09	1.94E-08	3.52E-09	1.17E-09	4.69E-09	2.74E-09	5.64E-10	3.31E-09
5857	624603.04	4266547.81	1.78E-08	6.12E-09	2.39E-08	1.49E-08	4.58E-09	1.95E-08	3.52E-09	1.17E-09	4.69E-09	2.75E-09	5.65E-10	3.31E-09
5858	624612.93	4266547.98	1.78E-08	6.12E-09	2.39E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.17E-09	4.70E-09	2.75E-09	5.65E-10	3.31E-09
5859	624622.82	4266548.16	1.78E-08	6.13E-09	2.39E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.17E-09	4.70E-09	2.75E-09	5.65E-10	3.31E-09
5860	624632.7	4266548.34	1.78E-08	6.13E-09	2.39E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.17E-09	4.70E-09	2.75E-09	5.65E-10	3.32E-09
5861	624642.59	4266548.51	1.78E-08	6.12E-09	2.39E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.17E-09	4.70E-09	2.75E-09	5.65E-10	3.31E-09

5862	624652.48	4266548.69	1.78E-08	6.12E-09	2.39E-08	1.49E-08	4.58E-09	1.94E-08	3.52E-09	1.17E-09	4.69E-09	2.74E-09	5.65E-10	3.31E-09
5863	624662.37	4266548.87	1.78E-08	6.11E-09	2.39E-08	1.48E-08	4.57E-09	1.94E-08	3.51E-09	1.17E-09	4.68E-09	2.74E-09	5.63E-10	3.30E-09
5864	624672.26	4266549.04	1.77E-08	6.09E-09	2.38E-08	1.48E-08	4.56E-09	1.94E-08	3.50E-09	1.17E-09	4.67E-09	2.73E-09	5.62E-10	3.29E-09
5865	624682.15	4266549.22	1.76E-08	6.07E-09	2.37E-08	1.47E-08	4.54E-09	1.93E-08	3.49E-09	1.16E-09	4.66E-09	2.72E-09	5.60E-10	3.28E-09
5866	624692.04	4266549.4	1.76E-08	6.04E-09	2.36E-08	1.47E-08	4.52E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.71E-09	5.58E-10	3.27E-09
5867	624701.93	4266549.57	1.75E-08	6.01E-09	2.35E-08	1.46E-08	4.50E-09	1.91E-08	3.46E-09	1.15E-09	4.61E-09	2.70E-09	5.55E-10	3.25E-09
5868	624711.82	4266549.75	1.74E-08	5.98E-09	2.34E-08	1.45E-08	4.48E-09	1.90E-08	3.44E-09	1.15E-09	4.59E-09	2.68E-09	5.52E-10	3.23E-09
5869	624721.71	4266549.93	1.73E-08	5.94E-09	2.32E-08	1.44E-08	4.45E-09	1.89E-08	3.42E-09	1.14E-09	4.56E-09	2.67E-09	5.48E-10	3.21E-09
5870	624731.6	4266550.1	1.72E-08	5.90E-09	2.31E-08	1.43E-08	4.42E-09	1.88E-08	3.40E-09	1.13E-09	4.53E-09	2.65E-09	5.45E-10	3.19E-09
5871	624741.49	4266550.28	1.70E-08	5.86E-09	2.29E-08	1.42E-08	4.39E-09	1.86E-08	3.37E-09	1.12E-09	4.50E-09	2.63E-09	5.41E-10	3.17E-09
5872	624751.38	4266550.46	1.69E-08	5.82E-09	2.27E-08	1.41E-08	4.36E-09	1.85E-08	3.35E-09	1.11E-09	4.46E-09	2.61E-09	5.37E-10	3.15E-09
5873	624761.26	4266550.63	1.68E-08	5.77E-09	2.26E-08	1.40E-08	4.32E-09	1.84E-08	3.32E-09	1.11E-09	4.43E-09	2.59E-09	5.33E-10	3.12E-09
5874	624771.15	4266550.81	1.67E-08	5.73E-09	2.24E-08	1.39E-08	4.29E-09	1.82E-08	3.30E-09	1.10E-09	4.40E-09	2.57E-09	5.29E-10	3.10E-09
5875	624781.04	4266550.99	1.65E-08	5.69E-09	2.22E-08	1.38E-08	4.26E-09	1.81E-08	3.27E-09	1.09E-09	4.36E-09	2.55E-09	5.25E-10	3.08E-09
5876	624790.93	4266551.16	1.64E-08	5.64E-09	2.20E-08	1.37E-08	4.22E-09	1.79E-08	3.25E-09	1.08E-09	4.33E-09	2.53E-09	5.21E-10	3.05E-09
5877	624800.82	4266551.34	1.63E-08	5.60E-09	2.19E-08	1.36E-08	4.19E-09	1.78E-08	3.22E-09	1.07E-09	4.29E-09	2.51E-09	5.17E-10	3.03E-09
5878	624810.71	4266551.52	1.61E-08	5.55E-09	2.17E-08	1.35E-08	4.16E-09	1.76E-08	3.19E-09	1.06E-09	4.26E-09	2.49E-09	5.12E-10	3.00E-09
5879	624820.6	4266551.69	1.60E-08	5.50E-09	2.15E-08	1.34E-08	4.12E-09	1.75E-08	3.17E-09	1.05E-09	4.22E-09	2.47E-09	5.08E-10	2.98E-09
5880	624830.49	4266551.87	1.58E-08	5.45E-09	2.13E-08	1.32E-08	4.08E-09	1.73E-08	3.14E-09	1.04E-09	4.18E-09	2.45E-09	5.03E-10	2.95E-09
5881	624840.38	4266552.05	1.57E-08	5.40E-09	2.11E-08	1.31E-08	4.04E-09	1.72E-08	3.11E-09	1.03E-09	4.14E-09	2.42E-09	4.98E-10	2.92E-09
5882	624336.02	4266589.3	1.40E-08	4.80E-09	1.88E-08	1.17E-08	3.60E-09	1.53E-08	2.77E-09	9.20E-10	3.69E-09	2.16E-09	4.43E-10	2.60E-09
5883	624327.01	4266585.38	1.40E-08	4.81E-09	1.88E-08	1.17E-08	3.60E-09	1.53E-08	2.77E-09	9.22E-10	3.69E-09	2.16E-09	4.44E-10	2.60E-09
5884	624318	4266581.47	1.40E-08	4.82E-09	1.88E-08	1.17E-08	3.61E-09	1.53E-08	2.77E-09	9.23E-10	3.70E-09	2.16E-09	4.45E-10	2.61E-09
5885	624309	4266577.56	1.40E-08	4.82E-09	1.88E-08	1.17E-08	3.61E-09	1.53E-08	2.77E-09	9.23E-10	3.70E-09	2.16E-09	4.45E-10	2.61E-09
5886	624299.99	4266573.65	1.40E-08	4.82E-09	1.88E-08	1.17E-08	3.61E-09	1.53E-08	2.77E-09	9.23E-10	3.69E-09	2.16E-09	4.44E-10	2.60E-09
5887	624245.94	4266550.18	1.37E-08	4.71E-09	1.84E-08	1.14E-08	3.52E-09	1.50E-08	2.71E-09	9.02E-10	3.61E-09	2.11E-09	4.34E-10	2.55E-09
5888	624236.93	4266546.27	1.36E-08	4.68E-09	1.83E-08	1.14E-08	3.50E-09	1.49E-08	2.69E-09	8.96E-10	3.59E-09	2.10E-09	4.32E-10	2.53E-09
5889	624227.93	4266542.35	1.35E-08	4.65E-09	1.82E-08	1.13E-08	3.48E-09	1.48E-08	2.67E-09	8.90E-10	3.56E-09	2.08E-09	4.29E-10	2.51E-09
5890	624218.92	4266538.44	1.34E-08	4.62E-09	1.80E-08	1.12E-08	3.46E-09	1.47E-08	2.66E-09	8.84E-10	3.54E-09	2.07E-09	4.26E-10	2.50E-09
5891	624209.91	4266534.53	1.33E-08	4.58E-09	1.79E-08	1.11E-08	3.43E-09	1.46E-08	2.64E-09	8.78E-10	3.52E-09	2.06E-09	4.23E-10	2.48E-09
5892	624200.9	4266530.62	1.32E-08	4.55E-09	1.78E-08	1.11E-08	3.41E-09	1.45E-08	2.62E-09	8.72E-10	3.49E-09	2.04E-09	4.20E-10	2.46E-09
5893	624191.9	4266526.71	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.38E-09	1.44E-08	2.60E-09	8.65E-10	3.46E-09	2.03E-09	4.17E-10	2.44E-09
5894	624182.89	4266522.8	1.30E-08	4.48E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.58E-09	8.58E-10	3.43E-09	2.01E-09	4.13E-10	2.42E-09
5895	624173.88	4266518.88	1.29E-08	4.44E-09	1.73E-08	1.08E-08	3.32E-09	1.41E-08	2.55E-09	8.50E-10	3.40E-09	1.99E-09	4.10E-10	2.40E-09
5896	624164.87	4266514.97	1.28E-08	4.40E-09	1.72E-08	1.07E-08	3.29E-09	1.40E-08	2.53E-09	8.42E-10	3.37E-09	1.97E-09	4.06E-10	2.38E-09
5897	624155.87	4266511.06	1.27E-08	4.35E-09	1.70E-08	1.06E-08	3.26E-09	1.38E-08	2.50E-09	8.34E-10	3.34E-09	1.95E-09	4.02E-10	2.35E-09
5898	624146.86	4266507.15	1.25E-08	4.30E-09	1.68E-08	1.05E-08	3.22E-09	1.37E-08	2.48E-09	8.25E-10	3.30E-09	1.93E-09	3.97E-10	2.33E-09
5899	624137.85	4266503.24	1.24E-08	4.25E-09	1.66E-08	1.03E-08	3.19E-09	1.35E-08	2.45E-09	8.15E-10	3.26E-09	1.91E-09	3.93E-10	2.30E-09
5900	624128.84	4266499.32	1.22E-08	4.20E-09	1.64E-08	1.02E-08	3.15E-09	1.34E-08	2.42E-09	8.05E-10	3.22E-09	1.89E-09	3.88E-10	2.27E-09
5901	624119.84	4266495.41	1.21E-08	4.15E-09	1.62E-08	1.01E-08	3.11E-09	1.32E-08	2.39E-09	7.95E-10	3.18E-09	1.86E-09	3.83E-10	2.24E-09
5902	624074.8	4266475.85	1.12E-08	3.85E-09	1.50E-08	9.35E-09	2.88E-09	1.22E-08	2.21E-09	7.37E-10	2.95E-09	1.73E-09	3.55E-10	2.08E-09
5903	624065.79	4266471.94	1.10E-08	3.78E-09	1.48E-08	9.19E-09	2.83E-09	1.20E-08	2.18E-09	7.25E-10	2.90E-09	1.70E-09	3.49E-10	2.05E-09
5904	624056.78	4266468.03	1.08E-08	3.72E-09	1.45E-08	9.04E-09	2.78E-09	1.18E-08	2.14E-09	7.12E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
5905	624047.78	4266464.12	1.06E-08	3.65E-09	1.43E-08	8.88E-09	2.73E-09	1.16E-08	2.10E-09	7.00E-10	2.80E-09	1.64E-09	3.37E-10	1.98E-09
5906	624038.77	4266460.21	1.04E-08	3.59E-09	1.40E-08	8.72E-09	2.69E-09	1.14E-08	2.07E-09	6.87E-10	2.75E-09	1.61E-09	3.31E-10	1.94E-09
5907	624026.14	4266447.16	1.02E-08	3.52E-09	1.38E-08	8.56E-09	2.64E-09	1.12E-08	2.03E-09	6.74E-10	2.70E-09	1.58E-09	3.25E-10	1.90E-09
5908	624022.52	4266438.04	1.02E-08	3.52E-09	1.37E-08	8.55E-09	2.63E-09	1.12E-08	2.02E-09	6.74E-10	2.70E-09	1.58E-09	3.24E-10	1.90E-09
5909	624018.91	4266428.91	1.02E-08	3.51E-09	1.37E-08	8.53E-09	2.63E-09	1.12E-08	2.02E-09	6.73E-10	2.69E-09	1.58E-09	3.24E-10	1.90E-09
5910	624015.29	4266419.78	1.02E-08	3.51E-09	1.37E-08	8.52E-09	2.63E-09	1.11E-08	2.02E-09	6.72E-10	2.69E-09	1.57E-09	3.24E-10	1.90E-09
5911	624011.67	4266410.65	1.02E-08	3.50E-09	1.37E-08	8.51E-09	2.62E-09	1.11E-08	2.02E-09	6.71E-10	2.69E-09	1.57E-09	3.23E-10	1.89E-09
5912	624008.05	4266401.52	1.02E-08	3.50E-09	1.37E-08	8.50E-09	2.62E-09	1.11E-08	2.01E-09	6.70E-10	2.68E-09	1.57E-09	3.23E-10	1.89E-09
5913	624004.43	4266392.39	1.01E-08	3.49E-09	1.36E-08	8.48E-09	2.61E-09	1.11E-08	2.01E-09	6.68E-10	2.68E-09	1.57E-09	3.22E-10	1.89E-09
5914	624000.81	4266383.26	1.01E-08	3.48E-09	1.36E-08	8.47E-09	2.61E-09	1.11E-08	2.00E-09	6.67E-10	2.67E-09	1.56E-09	3.21E-10	1.88E-09
5915	623997.19	4266374.13	1.01E-08	3.48E-09	1.36E-08	8.45E-09	2.60E-09	1.11E-08	2.00E-09	6.66E-10	2.67E-09	1.56E-09	3.21E-10	1.88E-09
5916	623993.57	4266365	1.01E-08	3.47E-09	1.36E-08	8.44E-09	2.60E-09	1.10E-08	2.00E-09	6.65E-10	2.66E-09	1.56E-09	3.20E-10	1.88E-09
5917	623989.96	4266355.87	1.01E-08	3.46E-09	1.35E-08	8.42E-09	2.59E-09	1.10E-08	1.99E-09	6.64E-10	2.66E-09	1.55E-09	3.20E-10	1.87E-09
5918	623986.34	4266346.74	1.01E-08	3.46E-09	1.35E-08	8.41E-09	2.59E-09	1.10E-08	1.99E-09	6.63E-10	2.65E-09	1.55E-09	3.19E-10	1.87E-09
5919	623982.72	4266337.61	1.00E-08	3.45E-09	1.35E-08	8.39E-09	2.58E-09	1.10E-08	1.99E-09	6.62E-10	2.65E-09	1.55E-09	3.19E-10	1.87E-09
5920	623979.1	4266328.48	1.00E-08	3.45E-09	1.35E-08	8.38E-09	2.58E-09	1.10E-08	1.98E-09	6.60E-10	2.64E-09	1.55E-09	3.18E-10	1.86E-09
5921	623975.48	4266319.36	1.00E-08	3.44E-09	1.34E-08	8.36E-09	2.58E-09	1.09E-08	1.98E-09	6.59E-10	2.64E-09	1.54E-09	3.17E-10	1.86E-09
5922	623971.86	4266310.23	9.98E-09	3.43E-09	1.34E-08	8.34E-09	2.57E-09	1.09E-08	1.98E-09	6.58E-10	2.63E-09	1.54E-09	3.17E-10	1.86E-09
5923	623968.24	4266301.1	9.96E-09	3.43E-09	1.34E-08	8.33E-09	2.56E-09	1.09E-08	1.97E-09	6.56E-10	2.63E-09	1.54E-09	3.16E-10	1.85E-09
5924	623964.62	4266291.97	9.94E-09	3.42E-09	1.34E-08	8.31E-09	2.56E-09	1.09E-08	1.97E-09	6.55E-10	2.62E-09	1.53E-09	3.15E-10	1.85E-09
5925	623961.01	4266282.84	9.91E-09	3.41E-09	1.33E-08	8.28E-09	2.55E-09	1.08E-08	1.96E-09	6.53E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
5926	623957.39	4266273.71	9.88E-09	3.40E-09	1.33E-08	8.26E-09	2.54E-09	1.08E-08	1.96E-09	6.51E-10	2.61E-09	1.52E-09	3.13E-10	1.84E-09
5927	623953.77	4266264.58	9.84E-09	3.38E-09	1.32E-08	8.22E-09	2.53E-09	1.08E-08	1.95E-09	6.48E-10	2.60E-09	1.52E-09	3.12E-10	1.83E-09
5928	623950.15	4266255.45	9.80E-09	3.37E-09	1.32E-08	8.19E-09	2.52E-09	1.07E-08	1.94E-09	6.45E-10	2.58E-09	1.51E-09	3.11E-10	1.82E-09
5929	623946.53	4266246.32	9.74E-09	3.35E-09	1.31E-08	8.14E-09	2.51E-09	1.07E-08	1.93E-09	6.42E-10	2.57E-09	1.50E-09	3.09E-10	1.81E-09
5930	623942.91	4266237.19	9.69E-09	3.33E-09	1.30E-08	8.10E-09	2.49E-09	1.06E-08	1.92E-09	6.38E-10	2.56E-09	1.49E-09	3.07E-10	1.80E-09

5931	623939.29	4266228.06	9.63E-09	3.31E-09	1.29E-08	8.05E-09	2.48E-09	1.05E-08	1.91E-09	6.34E-10	2.54E-09	1.49E-09	3.05E-10	1.79E-09
5932	623935.68	4266218.93	9.56E-09	3.29E-09	1.28E-08	7.99E-09	2.46E-09	1.04E-08	1.89E-09	6.30E-10	2.52E-09	1.47E-09	3.03E-10	1.78E-09
5933	623932.06	4266209.8	9.48E-09	3.26E-09	1.27E-08	7.93E-09	2.44E-09	1.04E-08	1.88E-09	6.25E-10	2.50E-09	1.46E-09	3.01E-10	1.76E-09
5934	623928.44	4266200.67	9.40E-09	3.23E-09	1.26E-08	7.86E-09	2.42E-09	1.03E-08	1.86E-09	6.20E-10	2.48E-09	1.45E-09	2.98E-10	1.75E-09
5935	623924.82	4266191.55	9.32E-09	3.21E-09	1.25E-08	7.79E-09	2.40E-09	1.02E-08	1.85E-09	6.14E-10	2.46E-09	1.44E-09	2.96E-10	1.73E-09
5936	623921.2	4266182.42	9.24E-09	3.18E-09	1.24E-08	7.72E-09	2.38E-09	1.01E-08	1.83E-09	6.09E-10	2.44E-09	1.43E-09	2.93E-10	1.72E-09
5937	623917.58	4266173.29	9.16E-09	3.15E-09	1.23E-08	7.66E-09	2.36E-09	1.00E-08	1.81E-09	6.04E-10	2.42E-09	1.41E-09	2.91E-10	1.70E-09
5938	623913.96	4266164.16	9.08E-09	3.12E-09	1.22E-08	7.59E-09	2.34E-09	9.92E-09	1.80E-09	5.98E-10	2.39E-09	1.40E-09	2.88E-10	1.69E-09
5939	623910.34	4266155.03	8.99E-09	3.09E-09	1.21E-08	7.52E-09	2.32E-09	9.83E-09	1.78E-09	5.92E-10	2.37E-09	1.39E-09	2.85E-10	1.67E-09
5940	624345.03	4266593.21	1.39E-08	4.79E-09	1.87E-08	1.16E-08	3.59E-09	1.52E-08	2.76E-09	9.18E-10	3.68E-09	2.15E-09	4.42E-10	2.59E-09
5941	624354.91	4266593.38	1.40E-08	4.82E-09	1.88E-08	1.17E-08	3.61E-09	1.53E-08	2.78E-09	9.24E-10	3.70E-09	2.16E-09	4.45E-10	2.61E-09
5942	624364.8	4266593.56	1.41E-08	4.85E-09	1.90E-08	1.18E-08	3.63E-09	1.54E-08	2.79E-09	9.29E-10	3.72E-09	2.18E-09	4.48E-10	2.62E-09
5943	624374.69	4266593.74	1.42E-08	4.88E-09	1.91E-08	1.19E-08	3.65E-09	1.55E-08	2.81E-09	9.34E-10	3.74E-09	2.19E-09	4.50E-10	2.64E-09
5944	624384.58	4266593.91	1.43E-08	4.90E-09	1.92E-08	1.19E-08	3.67E-09	1.56E-08	2.82E-09	9.39E-10	3.76E-09	2.20E-09	4.52E-10	2.65E-09
5945	624394.47	4266594.09	1.43E-08	4.92E-09	1.92E-08	1.20E-08	3.69E-09	1.57E-08	2.83E-09	9.43E-10	3.78E-09	2.21E-09	4.54E-10	2.66E-09
5946	624404.36	4266594.27	1.44E-08	4.95E-09	1.93E-08	1.20E-08	3.70E-09	1.57E-08	2.85E-09	9.48E-10	3.79E-09	2.22E-09	4.56E-10	2.68E-09
5947	624414.25	4266594.44	1.44E-08	4.97E-09	1.94E-08	1.21E-08	3.72E-09	1.58E-08	2.86E-09	9.51E-10	3.81E-09	2.23E-09	4.58E-10	2.69E-09
5948	624424.14	4266594.62	1.45E-08	4.99E-09	1.95E-08	1.21E-08	3.73E-09	1.58E-08	2.87E-09	9.55E-10	3.82E-09	2.24E-09	4.60E-10	2.70E-09
5949	624434.03	4266594.8	1.46E-08	5.00E-09	1.96E-08	1.22E-08	3.75E-09	1.59E-08	2.88E-09	9.59E-10	3.84E-09	2.25E-09	4.62E-10	2.71E-09
5950	624443.92	4266594.97	1.46E-08	5.02E-09	1.96E-08	1.22E-08	3.76E-09	1.60E-08	2.89E-09	9.62E-10	3.85E-09	2.25E-09	4.63E-10	2.72E-09
5951	624453.81	4266595.15	1.47E-08	5.04E-09	1.97E-08	1.22E-08	3.77E-09	1.60E-08	2.90E-09	9.65E-10	3.87E-09	2.26E-09	4.65E-10	2.73E-09
5952	624463.7	4266595.33	1.47E-08	5.05E-09	1.98E-08	1.23E-08	3.78E-09	1.61E-08	2.91E-09	9.68E-10	3.88E-09	2.27E-09	4.67E-10	2.73E-09
5953	624473.58	4266595.5	1.47E-08	5.07E-09	1.98E-08	1.23E-08	3.80E-09	1.61E-08	2.92E-09	9.72E-10	3.89E-09	2.28E-09	4.68E-10	2.74E-09
5954	624483.47	4266595.68	1.48E-08	5.09E-09	1.99E-08	1.24E-08	3.81E-09	1.62E-08	2.93E-09	9.75E-10	3.90E-09	2.28E-09	4.69E-10	2.75E-09
5955	624493.36	4266595.86	1.48E-08	5.10E-09	1.99E-08	1.24E-08	3.82E-09	1.62E-08	2.94E-09	9.78E-10	3.91E-09	2.29E-09	4.71E-10	2.76E-09
5956	624503.25	4266596.03	1.49E-08	5.12E-09	2.00E-08	1.24E-08	3.83E-09	1.63E-08	2.95E-09	9.81E-10	3.93E-09	2.30E-09	4.72E-10	2.77E-09
5957	624513.14	4266596.21	1.49E-08	5.13E-09	2.01E-08	1.25E-08	3.84E-09	1.63E-08	2.95E-09	9.83E-10	3.94E-09	2.30E-09	4.74E-10	2.78E-09
5958	624523.03	4266596.39	1.50E-08	5.15E-09	2.01E-08	1.25E-08	3.85E-09	1.64E-08	2.96E-09	9.86E-10	3.95E-09	2.31E-09	4.75E-10	2.78E-09
5959	624532.92	4266596.56	1.50E-08	5.16E-09	2.02E-08	1.25E-08	3.86E-09	1.64E-08	2.97E-09	9.89E-10	3.96E-09	2.32E-09	4.76E-10	2.79E-09
5960	624542.81	4266596.74	1.50E-08	5.17E-09	2.02E-08	1.26E-08	3.87E-09	1.64E-08	2.98E-09	9.91E-10	3.97E-09	2.32E-09	4.77E-10	2.80E-09
5961	624552.7	4266596.92	1.51E-08	5.18E-09	2.03E-08	1.26E-08	3.88E-09	1.65E-08	2.98E-09	9.93E-10	3.98E-09	2.33E-09	4.78E-10	2.80E-09
5962	624562.59	4266597.09	1.51E-08	5.20E-09	2.03E-08	1.26E-08	3.89E-09	1.65E-08	2.99E-09	9.96E-10	3.99E-09	2.33E-09	4.80E-10	2.81E-09
5963	624572.48	4266597.27	1.51E-08	5.21E-09	2.03E-08	1.27E-08	3.90E-09	1.66E-08	3.00E-09	9.98E-10	3.99E-09	2.34E-09	4.81E-10	2.82E-09
5964	624582.37	4266597.45	1.52E-08	5.22E-09	2.04E-08	1.27E-08	3.91E-09	1.66E-08	3.00E-09	1.00E-09	4.00E-09	2.34E-09	4.81E-10	2.82E-09
5965	624592.26	4266597.62	1.52E-08	5.23E-09	2.04E-08	1.27E-08	3.91E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.34E-09	4.82E-10	2.83E-09
5966	624602.14	4266597.8	1.52E-08	5.23E-09	2.05E-08	1.27E-08	3.92E-09	1.66E-08	3.01E-09	1.00E-09	4.02E-09	2.35E-09	4.83E-10	2.83E-09
5967	624612.03	4266597.98	1.52E-08	5.24E-09	2.05E-08	1.27E-08	3.92E-09	1.67E-08	3.02E-09	1.00E-09	4.02E-09	2.35E-09	4.84E-10	2.83E-09
5968	624621.92	4266598.15	1.52E-08	5.24E-09	2.05E-08	1.27E-08	3.93E-09	1.67E-08	3.02E-09	1.00E-09	4.02E-09	2.35E-09	4.84E-10	2.84E-09
5969	624631.81	4266598.33	1.53E-08	5.25E-09	2.05E-08	1.27E-08	3.93E-09	1.67E-08	3.02E-09	1.00E-09	4.02E-09	2.35E-09	4.84E-10	2.84E-09
5970	624641.7	4266598.51	1.52E-08	5.24E-09	2.05E-08	1.27E-08	3.93E-09	1.67E-08	3.02E-09	1.00E-09	4.02E-09	2.35E-09	4.84E-10	2.84E-09
5971	624651.59	4266598.68	1.52E-08	5.24E-09	2.05E-08	1.27E-08	3.92E-09	1.67E-08	3.01E-09	1.00E-09	4.02E-09	2.35E-09	4.83E-10	2.83E-09
5972	624661.48	4266598.86	1.52E-08	5.23E-09	2.04E-08	1.27E-08	3.91E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.35E-09	4.83E-10	2.83E-09
5973	624671.37	4266599.04	1.52E-08	5.22E-09	2.04E-08	1.27E-08	3.90E-09	1.66E-08	3.00E-09	9.99E-10	4.00E-09	2.34E-09	4.81E-10	2.82E-09
5974	624681.26	4266599.21	1.51E-08	5.20E-09	2.03E-08	1.26E-08	3.89E-09	1.65E-08	2.99E-09	9.96E-10	3.99E-09	2.33E-09	4.80E-10	2.81E-09
5975	624691.15	4266599.39	1.51E-08	5.18E-09	2.02E-08	1.26E-08	3.88E-09	1.65E-08	2.98E-09	9.92E-10	3.97E-09	2.32E-09	4.78E-10	2.80E-09
5976	624701.04	4266599.57	1.50E-08	5.15E-09	2.01E-08	1.25E-08	3.86E-09	1.64E-08	2.97E-09	9.88E-10	3.95E-09	2.31E-09	4.76E-10	2.79E-09
5977	624710.93	4266599.74	1.49E-08	5.13E-09	2.00E-08	1.25E-08	3.84E-09	1.63E-08	2.95E-09	9.83E-10	3.94E-09	2.30E-09	4.73E-10	2.78E-09
5978	624720.81	4266599.92	1.48E-08	5.10E-09	1.99E-08	1.24E-08	3.82E-09	1.62E-08	2.94E-09	9.78E-10	3.91E-09	2.29E-09	4.71E-10	2.76E-09
5979	624730.7	4266600.1	1.48E-08	5.07E-09	1.98E-08	1.23E-08	3.80E-09	1.61E-08	2.92E-09	9.72E-10	3.89E-09	2.28E-09	4.68E-10	2.74E-09
5980	624740.59	4266600.27	1.47E-08	5.04E-09	1.97E-08	1.23E-08	3.78E-09	1.60E-08	2.90E-09	9.66E-10	3.87E-09	2.26E-09	4.66E-10	2.73E-09
5981	624750.48	4266600.45	1.46E-08	5.01E-09	1.96E-08	1.22E-08	3.75E-09	1.59E-08	2.89E-09	9.61E-10	3.85E-09	2.25E-09	4.63E-10	2.71E-09
5982	624760.37	4266600.63	1.45E-08	4.98E-09	1.95E-08	1.21E-08	3.73E-09	1.58E-08	2.87E-09	9.55E-10	3.82E-09	2.24E-09	4.60E-10	2.70E-09
5983	624770.26	4266600.8	1.44E-08	4.95E-09	1.94E-08	1.20E-08	3.71E-09	1.57E-08	2.85E-09	9.49E-10	3.80E-09	2.22E-09	4.57E-10	2.68E-09
5984	624780.15	4266600.98	1.43E-08	4.92E-09	1.92E-08	1.20E-08	3.69E-09	1.57E-08	2.83E-09	9.43E-10	3.78E-09	2.21E-09	4.54E-10	2.66E-09
5985	624790.04	4266601.16	1.42E-08	4.89E-09	1.91E-08	1.19E-08	3.66E-09	1.56E-08	2.82E-09	9.38E-10	3.75E-09	2.20E-09	4.52E-10	2.65E-09
5986	624799.93	4266601.33	1.41E-08	4.86E-09	1.90E-08	1.18E-08	3.64E-09	1.55E-08	2.80E-09	9.32E-10	3.73E-09	2.18E-09	4.49E-10	2.63E-09
5987	624809.82	4266601.51	1.40E-08	4.83E-09	1.89E-08	1.17E-08	3.62E-09	1.54E-08	2.78E-09	9.25E-10	3.71E-09	2.17E-09	4.46E-10	2.61E-09
5988	624819.71	4266601.69	1.39E-08	4.80E-09	1.87E-08	1.17E-08	3.59E-09	1.52E-08	2.76E-09	9.19E-10	3.68E-09	2.15E-09	4.43E-10	2.59E-09
5989	624829.6	4266601.86	1.38E-08	4.76E-09	1.86E-08	1.16E-08	3.56E-09	1.51E-08	2.74E-09	9.12E-10	3.65E-09	2.14E-09	4.39E-10	2.58E-09
5990	624839.49	4266602.04	1.37E-08	4.72E-09	1.85E-08	1.15E-08	3.54E-09	1.50E-08	2.72E-09	9.05E-10	3.62E-09	2.12E-09	4.36E-10	2.55E-09
5991	624335.15	4266639.3	1.24E-08	4.28E-09	1.67E-08	1.04E-08	3.21E-09	1.36E-08	2.46E-09	8.20E-10	3.28E-09	1.92E-09	3.95E-10	2.32E-09
5992	624326.17	4266635.4	1.25E-08	4.29E-09	1.68E-08	1.04E-08	3.22E-09	1.37E-08	2.47E-09	8.23E-10	3.29E-09	1.93E-09	3.96E-10	2.32E-09
5993	624317.19	4266631.5	1.25E-08	4.30E-09	1.68E-08	1.05E-08	3.22E-09	1.37E-08	2.48E-09	8.25E-10	3.30E-09	1.93E-09	3.97E-10	2.33E-09
5994	624308.2	4266627.6	1.25E-08	4.31E-09	1.68E-08	1.05E-08	3.23E-09	1.37E-08	2.48E-09	8.26E-10	3.31E-09	1.93E-09	3.98E-10	2.33E-09
5995	624299.22	4266623.7	1.25E-08	4.31E-09	1.69E-08	1.05E-08	3.23E-09	1.37E-08	2.48E-09	8.27E-10	3.31E-09	1.94E-09	3.98E-10	2.33E-09
5996	624290.24	4266619.8	1.25E-08	4.31E-09	1.69E-08	1.05E-08	3.23E-09	1.37E-08	2.48E-09	8.26E-10	3.31E-09	1.94E-09	3.98E-10	2.33E-09
5997	624281.26	4266615.9	1.25E-08	4.31E-09	1.68E-08	1.05E-08	3.22E-09	1.37E-08	2.48E-09	8.25E-10	3.30E-09	1.93E-09	3.98E-10	2.33E-09
5998	624272.28	4266611.99	1.25E-08	4.30E-09	1.68E-08	1.04E-08	3.22E-09	1.37E-08	2.47E-09	8.23E-10	3.30E-09	1.93E-09	3.97E-10	2.33E-09
5999	624263.3	4266608.09	1.25E-08	4.28E-09	1.67E-08	1.04E-08	3.21E-09	1.36E-08	2.47E-09	8.21E-10	3.29E-09	1.92E-09	3.95E-10	2.32E-09

6000	624254.31	4266604.19	1.24E-08	4.27E-09	1.67E-08	1.04E-08	3.20E-09	1.36E-08	2.46E-09	8.18E-10	3.28E-09	1.92E-09	3.94E-10	2.31E-09
6001	624245.33	4266600.29	1.24E-08	4.25E-09	1.66E-08	1.03E-08	3.19E-09	1.35E-08	2.45E-09	8.15E-10	3.26E-09	1.91E-09	3.93E-10	2.30E-09
6002	624236.35	4266596.39	1.23E-08	4.24E-09	1.66E-08	1.03E-08	3.17E-09	1.35E-08	2.44E-09	8.12E-10	3.25E-09	1.90E-09	3.91E-10	2.29E-09
6003	624227.37	4266592.49	1.23E-08	4.22E-09	1.65E-08	1.02E-08	3.16E-09	1.34E-08	2.43E-09	8.08E-10	3.23E-09	1.89E-09	3.89E-10	2.28E-09
6004	624218.39	4266588.59	1.22E-08	4.19E-09	1.64E-08	1.02E-08	3.14E-09	1.33E-08	2.41E-09	8.04E-10	3.22E-09	1.88E-09	3.87E-10	2.27E-09
6005	624209.4	4266584.69	1.21E-08	4.17E-09	1.63E-08	1.01E-08	3.12E-09	1.33E-08	2.40E-09	7.99E-10	3.20E-09	1.87E-09	3.85E-10	2.26E-09
6006	624155.51	4266561.29	1.17E-08	4.01E-09	1.57E-08	9.75E-09	3.00E-09	1.28E-08	2.31E-09	7.69E-10	3.08E-09	1.80E-09	3.70E-10	2.17E-09
6007	624146.53	4266557.39	1.16E-08	3.98E-09	1.56E-08	9.68E-09	2.98E-09	1.27E-08	2.29E-09	7.63E-10	3.05E-09	1.79E-09	3.67E-10	2.15E-09
6008	624137.55	4266553.48	1.15E-08	3.95E-09	1.54E-08	9.59E-09	2.95E-09	1.25E-08	2.27E-09	7.56E-10	3.03E-09	1.77E-09	3.64E-10	2.13E-09
6009	624128.57	4266549.58	1.14E-08	3.91E-09	1.53E-08	9.50E-09	2.93E-09	1.24E-08	2.25E-09	7.49E-10	3.00E-09	1.75E-09	3.61E-10	2.12E-09
6010	624119.59	4266545.68	1.13E-08	3.87E-09	1.51E-08	9.41E-09	2.90E-09	1.23E-08	2.23E-09	7.42E-10	2.97E-09	1.74E-09	3.57E-10	2.09E-09
6011	624065.69	4266522.28	1.04E-08	3.59E-09	1.40E-08	8.73E-09	2.69E-09	1.14E-08	2.07E-09	6.88E-10	2.75E-09	1.61E-09	3.31E-10	1.94E-09
6012	624056.71	4266518.38	1.03E-08	3.54E-09	1.38E-08	8.60E-09	2.65E-09	1.12E-08	2.04E-09	6.78E-10	2.71E-09	1.59E-09	3.27E-10	1.91E-09
6013	624047.73	4266514.48	1.01E-08	3.48E-09	1.36E-08	8.47E-09	2.61E-09	1.11E-08	2.01E-09	6.68E-10	2.67E-09	1.56E-09	3.22E-10	1.88E-09
6014	624038.75	4266510.58	9.97E-09	3.43E-09	1.34E-08	8.34E-09	2.57E-09	1.09E-08	1.97E-09	6.57E-10	2.63E-09	1.54E-09	3.17E-10	1.86E-09
6015	624029.77	4266506.68	9.81E-09	3.37E-09	1.32E-08	8.20E-09	2.53E-09	1.07E-08	1.94E-09	6.47E-10	2.59E-09	1.51E-09	3.11E-10	1.83E-09
6016	624020.78	4266502.78	9.65E-09	3.32E-09	1.30E-08	8.07E-09	2.48E-09	1.06E-08	1.91E-09	6.36E-10	2.55E-09	1.49E-09	3.06E-10	1.80E-09
6017	624011.8	4266498.87	9.49E-09	3.26E-09	1.28E-08	7.93E-09	2.44E-09	1.04E-08	1.88E-09	6.25E-10	2.50E-09	1.46E-09	3.01E-10	1.77E-09
6018	624002.82	4266494.97	9.33E-09	3.21E-09	1.25E-08	7.80E-09	2.40E-09	1.02E-08	1.85E-09	6.15E-10	2.46E-09	1.44E-09	2.96E-10	1.74E-09
6019	623990.23	4266481.97	9.16E-09	3.15E-09	1.23E-08	7.65E-09	2.36E-09	1.00E-08	1.81E-09	6.03E-10	2.42E-09	1.41E-09	2.91E-10	1.70E-09
6020	623986.62	4266472.87	9.14E-09	3.14E-09	1.23E-08	7.64E-09	2.35E-09	1.00E-08	1.81E-09	6.02E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
6021	623983.01	4266463.76	9.13E-09	3.14E-09	1.23E-08	7.63E-09	2.35E-09	9.98E-09	1.81E-09	6.01E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
6022	623979.41	4266454.66	9.11E-09	3.13E-09	1.22E-08	7.62E-09	2.35E-09	9.96E-09	1.80E-09	6.00E-10	2.40E-09	1.41E-09	2.89E-10	1.70E-09
6023	623975.8	4266445.56	9.10E-09	3.13E-09	1.22E-08	7.60E-09	2.34E-09	9.94E-09	1.80E-09	5.99E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
6024	623972.19	4266436.45	9.08E-09	3.12E-09	1.22E-08	7.59E-09	2.34E-09	9.93E-09	1.80E-09	5.98E-10	2.40E-09	1.40E-09	2.88E-10	1.69E-09
6025	623968.58	4266427.35	9.06E-09	3.12E-09	1.22E-08	7.57E-09	2.33E-09	9.91E-09	1.79E-09	5.97E-10	2.39E-09	1.40E-09	2.88E-10	1.69E-09
6026	623964.97	4266418.25	9.05E-09	3.11E-09	1.22E-08	7.56E-09	2.33E-09	9.89E-09	1.79E-09	5.96E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
6027	623961.36	4266409.14	9.03E-09	3.10E-09	1.21E-08	7.55E-09	2.32E-09	9.87E-09	1.79E-09	5.95E-10	2.38E-09	1.39E-09	2.87E-10	1.68E-09
6028	623957.76	4266400.04	9.01E-09	3.10E-09	1.21E-08	7.53E-09	2.32E-09	9.85E-09	1.78E-09	5.94E-10	2.38E-09	1.39E-09	2.86E-10	1.68E-09
6029	623954.15	4266390.94	9.00E-09	3.09E-09	1.21E-08	7.52E-09	2.32E-09	9.84E-09	1.78E-09	5.93E-10	2.37E-09	1.39E-09	2.86E-10	1.67E-09
6030	623950.54	4266381.83	8.98E-09	3.09E-09	1.21E-08	7.51E-09	2.31E-09	9.82E-09	1.78E-09	5.92E-10	2.37E-09	1.39E-09	2.85E-10	1.67E-09
6031	623946.93	4266372.73	8.97E-09	3.08E-09	1.21E-08	7.50E-09	2.31E-09	9.81E-09	1.78E-09	5.91E-10	2.37E-09	1.38E-09	2.85E-10	1.67E-09
6032	623943.32	4266363.63	8.96E-09	3.08E-09	1.20E-08	7.49E-09	2.31E-09	9.79E-09	1.77E-09	5.90E-10	2.36E-09	1.38E-09	2.84E-10	1.67E-09
6033	623939.71	4266354.52	8.95E-09	3.08E-09	1.20E-08	7.48E-09	2.30E-09	9.78E-09	1.77E-09	5.89E-10	2.36E-09	1.38E-09	2.84E-10	1.66E-09
6034	623936.11	4266345.42	8.93E-09	3.07E-09	1.20E-08	7.47E-09	2.30E-09	9.77E-09	1.77E-09	5.89E-10	2.36E-09	1.38E-09	2.84E-10	1.66E-09
6035	623932.5	4266336.32	8.92E-09	3.07E-09	1.20E-08	7.46E-09	2.30E-09	9.76E-09	1.77E-09	5.88E-10	2.35E-09	1.38E-09	2.83E-10	1.66E-09
6036	623928.89	4266327.22	8.91E-09	3.06E-09	1.20E-08	7.45E-09	2.29E-09	9.74E-09	1.76E-09	5.87E-10	2.35E-09	1.37E-09	2.83E-10	1.66E-09
6037	623925.28	4266318.11	8.90E-09	3.06E-09	1.20E-08	7.44E-09	2.29E-09	9.73E-09	1.76E-09	5.86E-10	2.35E-09	1.37E-09	2.82E-10	1.66E-09
6038	623921.67	4266309.01	8.88E-09	3.05E-09	1.19E-08	7.42E-09	2.29E-09	9.71E-09	1.76E-09	5.85E-10	2.34E-09	1.37E-09	2.82E-10	1.65E-09
6039	623918.06	4266299.91	8.86E-09	3.05E-09	1.19E-08	7.41E-09	2.28E-09	9.69E-09	1.75E-09	5.84E-10	2.34E-09	1.37E-09	2.81E-10	1.65E-09
6040	623914.45	4266290.8	8.84E-09	3.04E-09	1.19E-08	7.39E-09	2.28E-09	9.67E-09	1.75E-09	5.83E-10	2.33E-09	1.36E-09	2.81E-10	1.64E-09
6041	623910.85	4266281.7	8.81E-09	3.03E-09	1.18E-08	7.37E-09	2.27E-09	9.64E-09	1.74E-09	5.81E-10	2.33E-09	1.36E-09	2.80E-10	1.64E-09
6042	623907.24	4266272.6	8.78E-09	3.02E-09	1.18E-08	7.34E-09	2.26E-09	9.60E-09	1.74E-09	5.79E-10	2.32E-09	1.36E-09	2.79E-10	1.63E-09
6043	623903.63	4266263.49	8.75E-09	3.01E-09	1.18E-08	7.31E-09	2.25E-09	9.56E-09	1.73E-09	5.76E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
6044	623900.02	4266254.39	8.70E-09	2.99E-09	1.17E-08	7.28E-09	2.24E-09	9.52E-09	1.72E-09	5.73E-10	2.30E-09	1.34E-09	2.76E-10	1.62E-09
6045	623896.41	4266245.29	8.66E-09	2.98E-09	1.16E-08	7.24E-09	2.23E-09	9.47E-09	1.71E-09	5.70E-10	2.28E-09	1.34E-09	2.75E-10	1.61E-09
6046	623892.8	4266236.18	8.61E-09	2.96E-09	1.16E-08	7.19E-09	2.22E-09	9.41E-09	1.70E-09	5.67E-10	2.27E-09	1.33E-09	2.73E-10	1.60E-09
6047	623889.2	4266227.08	8.55E-09	2.94E-09	1.15E-08	7.15E-09	2.20E-09	9.35E-09	1.69E-09	5.63E-10	2.26E-09	1.32E-09	2.71E-10	1.59E-09
6048	623885.59	4266217.98	8.49E-09	2.92E-09	1.14E-08	7.10E-09	2.19E-09	9.28E-09	1.68E-09	5.59E-10	2.24E-09	1.31E-09	2.69E-10	1.58E-09
6049	623881.98	4266208.87	8.42E-09	2.90E-09	1.13E-08	7.04E-09	2.17E-09	9.21E-09	1.67E-09	5.55E-10	2.22E-09	1.30E-09	2.67E-10	1.57E-09
6050	623878.37	4266199.77	8.35E-09	2.87E-09	1.12E-08	6.98E-09	2.15E-09	9.13E-09	1.65E-09	5.50E-10	2.20E-09	1.29E-09	2.65E-10	1.55E-09
6051	623874.76	4266190.67	8.28E-09	2.85E-09	1.11E-08	6.92E-09	2.13E-09	9.06E-09	1.64E-09	5.46E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
6052	623871.15	4266181.56	8.21E-09	2.82E-09	1.10E-08	6.87E-09	2.11E-09	8.98E-09	1.63E-09	5.41E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
6053	623867.55	4266172.46	8.14E-09	2.80E-09	1.09E-08	6.81E-09	2.10E-09	8.90E-09	1.61E-09	5.36E-10	2.15E-09	1.26E-09	2.58E-10	1.51E-09
6054	623863.94	4266163.36	8.07E-09	2.78E-09	1.08E-08	6.75E-09	2.08E-09	8.82E-09	1.60E-09	5.32E-10	2.13E-09	1.25E-09	2.56E-10	1.50E-09
6055	623860.33	4266154.25	8.00E-09	2.75E-09	1.08E-08	6.69E-09	2.06E-09	8.75E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
6056	624344.13	4266643.2	1.24E-08	4.26E-09	1.67E-08	1.04E-08	3.19E-09	1.36E-08	2.45E-09	8.17E-10	3.27E-09	1.91E-09	3.94E-10	2.31E-09
6057	624354.02	4266643.38	1.25E-08	4.28E-09	1.67E-08	1.04E-08	3.21E-09	1.36E-08	2.47E-09	8.21E-10	3.29E-09	1.92E-09	3.95E-10	2.32E-09
6058	624363.91	4266643.55	1.25E-08	4.30E-09	1.68E-08	1.05E-08	3.22E-09	1.37E-08	2.48E-09	8.24E-10	3.30E-09	1.93E-09	3.97E-10	2.33E-09
6059	624373.8	4266643.73	1.26E-08	4.32E-09	1.69E-08	1.05E-08	3.23E-09	1.37E-08	2.49E-09	8.27E-10	3.31E-09	1.94E-09	3.98E-10	2.34E-09
6060	624383.69	4266643.91	1.26E-08	4.33E-09	1.69E-08	1.05E-08	3.24E-09	1.38E-08	2.49E-09	8.30E-10	3.32E-09	1.94E-09	4.00E-10	2.34E-09
6061	624393.58	4266644.08	1.26E-08	4.35E-09	1.70E-08	1.06E-08	3.25E-09	1.38E-08	2.50E-09	8.33E-10	3.33E-09	1.95E-09	4.01E-10	2.35E-09
6062	624403.47	4266644.26	1.27E-08	4.36E-09	1.70E-08	1.06E-08	3.26E-09	1.39E-08	2.51E-09	8.35E-10	3.34E-09	1.96E-09	4.02E-10	2.36E-09
6063	624413.36	4266644.44	1.27E-08	4.37E-09	1.71E-08	1.06E-08	3.27E-09	1.39E-08	2.52E-09	8.37E-10	3.35E-09	1.96E-09	4.03E-10	2.36E-09
6064	624423.25	4266644.61	1.27E-08	4.38E-09	1.71E-08	1.06E-08	3.28E-09	1.39E-08	2.52E-09	8.39E-10	3.36E-09	1.97E-09	4.04E-10	2.37E-09
6065	624433.14	4266644.79	1.28E-08	4.39E-09	1.72E-08	1.07E-08	3.29E-09	1.40E-08	2.53E-09	8.41E-10	3.37E-09	1.97E-09	4.05E-10	2.38E-09
6066	624443.02	4266644.97	1.28E-08	4.40E-09	1.72E-08	1.07E-08	3.29E-09	1.40E-08	2.53E-09	8.43E-10	3.38E-09	1.97E-09	4.06E-10	2.38E-09
6067	624452.91	4266645.14	1.28E-08	4.41E-09	1.72E-08	1.07E-08	3.30E-09	1.40E-08	2.54E-09	8.45E-10	3.38E-09	1.98E-09	4.07E-10	2.39E-09
6068	624462.8	4266645.32	1.28E-08	4.42E-09	1.73E-08	1.07E-08	3.31E-09	1.40E-08	2.54E-09	8.47E-10	3.39E-09	1.98E-09	4.08E-10	2.39E-09

6069	624472.69	4266645.5	1.29E-08	4.43E-09	1.73E-08	1.08E-08	3.31E-09	1.41E-08	2.55E-09	8.48E-10	3.40E-09	1.99E-09	4.09E-10	2.40E-09
6070	624482.58	4266645.67	1.29E-08	4.44E-09	1.73E-08	1.08E-08	3.32E-09	1.41E-08	2.55E-09	8.50E-10	3.40E-09	1.99E-09	4.09E-10	2.40E-09
6071	624492.47	4266645.85	1.29E-08	4.45E-09	1.74E-08	1.08E-08	3.33E-09	1.41E-08	2.56E-09	8.52E-10	3.41E-09	1.99E-09	4.10E-10	2.40E-09
6072	624502.36	4266646.03	1.30E-08	4.45E-09	1.74E-08	1.08E-08	3.33E-09	1.42E-08	2.56E-09	8.53E-10	3.42E-09	2.00E-09	4.11E-10	2.41E-09
6073	624512.25	4266646.2	1.30E-08	4.46E-09	1.74E-08	1.08E-08	3.34E-09	1.42E-08	2.57E-09	8.55E-10	3.42E-09	2.00E-09	4.12E-10	2.41E-09
6074	624522.14	4266646.38	1.30E-08	4.47E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.57E-09	8.57E-10	3.43E-09	2.01E-09	4.13E-10	2.42E-09
6075	624532.03	4266646.56	1.30E-08	4.48E-09	1.75E-08	1.09E-08	3.36E-09	1.42E-08	2.58E-09	8.59E-10	3.44E-09	2.01E-09	4.14E-10	2.42E-09
6076	624541.92	4266646.73	1.31E-08	4.49E-09	1.76E-08	1.09E-08	3.36E-09	1.43E-08	2.59E-09	8.61E-10	3.45E-09	2.02E-09	4.14E-10	2.43E-09
6077	624551.81	4266646.91	1.31E-08	4.50E-09	1.76E-08	1.09E-08	3.37E-09	1.43E-08	2.59E-09	8.62E-10	3.45E-09	2.02E-09	4.15E-10	2.43E-09
6078	624561.69	4266647.09	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.38E-09	1.43E-08	2.60E-09	8.64E-10	3.46E-09	2.02E-09	4.16E-10	2.44E-09
6079	624571.58	4266647.26	1.31E-08	4.52E-09	1.77E-08	1.10E-08	3.38E-09	1.44E-08	2.60E-09	8.66E-10	3.47E-09	2.03E-09	4.17E-10	2.44E-09
6080	624581.47	4266647.44	1.32E-08	4.53E-09	1.77E-08	1.10E-08	3.39E-09	1.44E-08	2.61E-09	8.67E-10	3.47E-09	2.03E-09	4.18E-10	2.45E-09
6081	624591.36	4266647.62	1.32E-08	4.53E-09	1.77E-08	1.10E-08	3.39E-09	1.44E-08	2.61E-09	8.69E-10	3.48E-09	2.03E-09	4.18E-10	2.45E-09
6082	624601.25	4266647.79	1.32E-08	4.54E-09	1.77E-08	1.10E-08	3.40E-09	1.44E-08	2.61E-09	8.70E-10	3.48E-09	2.04E-09	4.19E-10	2.46E-09
6083	624611.14	4266647.97	1.32E-08	4.54E-09	1.78E-08	1.10E-08	3.40E-09	1.44E-08	2.62E-09	8.71E-10	3.49E-09	2.04E-09	4.19E-10	2.46E-09
6084	624621.03	4266648.15	1.32E-08	4.55E-09	1.78E-08	1.11E-08	3.40E-09	1.45E-08	2.62E-09	8.71E-10	3.49E-09	2.04E-09	4.20E-10	2.46E-09
6085	624630.92	4266648.32	1.32E-08	4.55E-09	1.78E-08	1.11E-08	3.40E-09	1.45E-08	2.62E-09	8.71E-10	3.49E-09	2.04E-09	4.20E-10	2.46E-09
6086	624640.81	4266648.5	1.32E-08	4.54E-09	1.78E-08	1.10E-08	3.40E-09	1.44E-08	2.62E-09	8.71E-10	3.49E-09	2.04E-09	4.19E-10	2.46E-09
6087	624650.7	4266648.67	1.32E-08	4.54E-09	1.77E-08	1.10E-08	3.40E-09	1.44E-08	2.61E-09	8.70E-10	3.48E-09	2.04E-09	4.19E-10	2.46E-09
6088	624660.59	4266648.85	1.32E-08	4.53E-09	1.77E-08	1.10E-08	3.39E-09	1.44E-08	2.61E-09	8.68E-10	3.48E-09	2.03E-09	4.18E-10	2.45E-09
6089	624670.48	4266649.03	1.31E-08	4.52E-09	1.77E-08	1.10E-08	3.38E-09	1.44E-08	2.60E-09	8.66E-10	3.47E-09	2.03E-09	4.17E-10	2.45E-09
6090	624680.37	4266649.2	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.37E-09	1.43E-08	2.59E-09	8.63E-10	3.46E-09	2.02E-09	4.16E-10	2.44E-09
6091	624690.25	4266649.38	1.31E-08	4.49E-09	1.75E-08	1.09E-08	3.36E-09	1.43E-08	2.58E-09	8.60E-10	3.44E-09	2.01E-09	4.14E-10	2.43E-09
6092	624700.14	4266649.56	1.30E-08	4.47E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.57E-09	8.57E-10	3.43E-09	2.01E-09	4.13E-10	2.42E-09
6093	624710.03	4266649.73	1.29E-08	4.45E-09	1.74E-08	1.08E-08	3.33E-09	1.42E-08	2.56E-09	8.53E-10	3.42E-09	2.00E-09	4.11E-10	2.41E-09
6094	624719.92	4266649.91	1.29E-08	4.43E-09	1.73E-08	1.08E-08	3.32E-09	1.41E-08	2.55E-09	8.49E-10	3.40E-09	1.99E-09	4.09E-10	2.40E-09
6095	624729.81	4266650.09	1.28E-08	4.41E-09	1.72E-08	1.07E-08	3.30E-09	1.40E-08	2.54E-09	8.45E-10	3.38E-09	1.98E-09	4.07E-10	2.39E-09
6096	624739.7	4266650.26	1.28E-08	4.39E-09	1.72E-08	1.07E-08	3.29E-09	1.40E-08	2.53E-09	8.41E-10	3.37E-09	1.97E-09	4.05E-10	2.38E-09
6097	624749.59	4266650.44	1.27E-08	4.37E-09	1.71E-08	1.06E-08	3.27E-09	1.39E-08	2.52E-09	8.37E-10	3.35E-09	1.96E-09	4.03E-10	2.36E-09
6098	624759.48	4266650.62	1.26E-08	4.35E-09	1.70E-08	1.06E-08	3.26E-09	1.38E-08	2.50E-09	8.33E-10	3.34E-09	1.95E-09	4.01E-10	2.35E-09
6099	624769.37	4266650.79	1.26E-08	4.33E-09	1.69E-08	1.05E-08	3.24E-09	1.38E-08	2.49E-09	8.29E-10	3.32E-09	1.94E-09	3.99E-10	2.34E-09
6100	624779.26	4266650.97	1.25E-08	4.31E-09	1.68E-08	1.05E-08	3.22E-09	1.37E-08	2.48E-09	8.25E-10	3.30E-09	1.93E-09	3.97E-10	2.33E-09
6101	624789.15	4266651.15	1.25E-08	4.29E-09	1.67E-08	1.04E-08	3.21E-09	1.36E-08	2.47E-09	8.21E-10	3.29E-09	1.92E-09	3.95E-10	2.32E-09
6102	624799.04	4266651.32	1.24E-08	4.26E-09	1.67E-08	1.04E-08	3.19E-09	1.36E-08	2.45E-09	8.17E-10	3.27E-09	1.91E-09	3.94E-10	2.31E-09
6103	624808.92	4266651.5	1.23E-08	4.24E-09	1.66E-08	1.03E-08	3.18E-09	1.35E-08	2.44E-09	8.13E-10	3.25E-09	1.90E-09	3.91E-10	2.29E-09
6104	624818.81	4266651.68	1.23E-08	4.22E-09	1.65E-08	1.02E-08	3.16E-09	1.34E-08	2.43E-09	8.08E-10	3.24E-09	1.89E-09	3.89E-10	2.28E-09
6105	624828.7	4266651.85	1.22E-08	4.19E-09	1.64E-08	1.02E-08	3.14E-09	1.33E-08	2.41E-09	8.03E-10	3.22E-09	1.88E-09	3.87E-10	2.27E-09
6106	624838.59	4266652.03	1.21E-08	4.16E-09	1.63E-08	1.01E-08	3.12E-09	1.32E-08	2.40E-09	7.98E-10	3.20E-09	1.87E-09	3.84E-10	2.25E-09
6107	624334.28	4266689.3	1.12E-08	3.84E-09	1.50E-08	9.32E-09	2.87E-09	1.22E-08	2.21E-09	7.35E-10	2.94E-09	1.72E-09	3.54E-10	2.08E-09
6108	624325.32	4266685.41	1.12E-08	3.85E-09	1.51E-08	9.36E-09	2.88E-09	1.22E-08	2.22E-09	7.38E-10	2.96E-09	1.73E-09	3.55E-10	2.08E-09
6109	624316.36	4266681.52	1.12E-08	3.87E-09	1.51E-08	9.40E-09	2.89E-09	1.23E-08	2.23E-09	7.41E-10	2.97E-09	1.73E-09	3.57E-10	2.09E-09
6110	624307.4	4266677.63	1.13E-08	3.88E-09	1.51E-08	9.42E-09	2.90E-09	1.23E-08	2.23E-09	7.43E-10	2.97E-09	1.74E-09	3.58E-10	2.10E-09
6111	624298.43	4266673.73	1.13E-08	3.88E-09	1.52E-08	9.44E-09	2.91E-09	1.24E-08	2.24E-09	7.44E-10	2.98E-09	1.74E-09	3.59E-10	2.10E-09
6112	624289.47	4266669.84	1.13E-08	3.89E-09	1.52E-08	9.45E-09	2.91E-09	1.24E-08	2.24E-09	7.45E-10	2.98E-09	1.74E-09	3.59E-10	2.10E-09
6113	624280.51	4266665.95	1.13E-08	3.89E-09	1.52E-08	9.45E-09	2.91E-09	1.24E-08	2.24E-09	7.45E-10	2.98E-09	1.75E-09	3.59E-10	2.10E-09
6114	624271.55	4266662.06	1.13E-08	3.89E-09	1.52E-08	9.45E-09	2.91E-09	1.24E-08	2.24E-09	7.45E-10	2.98E-09	1.74E-09	3.59E-10	2.10E-09
6115	624262.59	4266658.17	1.13E-08	3.88E-09	1.52E-08	9.43E-09	2.90E-09	1.23E-08	2.23E-09	7.43E-10	2.98E-09	1.74E-09	3.58E-10	2.10E-09
6116	624253.63	4266654.28	1.13E-08	3.87E-09	1.51E-08	9.41E-09	2.90E-09	1.23E-08	2.23E-09	7.42E-10	2.97E-09	1.74E-09	3.57E-10	2.10E-09
6117	624244.67	4266650.38	1.12E-08	3.86E-09	1.51E-08	9.39E-09	2.89E-09	1.23E-08	2.22E-09	7.40E-10	2.96E-09	1.73E-09	3.57E-10	2.09E-09
6118	624235.71	4266646.49	1.12E-08	3.85E-09	1.51E-08	9.36E-09	2.88E-09	1.22E-08	2.22E-09	7.38E-10	2.96E-09	1.73E-09	3.55E-10	2.08E-09
6119	624226.75	4266642.6	1.12E-08	3.84E-09	1.50E-08	9.33E-09	2.87E-09	1.22E-08	2.21E-09	7.35E-10	2.94E-09	1.72E-09	3.54E-10	2.08E-09
6120	624217.79	4266638.71	1.11E-08	3.82E-09	1.49E-08	9.29E-09	2.86E-09	1.22E-08	2.20E-09	7.33E-10	2.93E-09	1.72E-09	3.53E-10	2.07E-09
6121	624208.82	4266634.82	1.11E-08	3.81E-09	1.49E-08	9.25E-09	2.85E-09	1.21E-08	2.19E-09	7.29E-10	2.92E-09	1.71E-09	3.51E-10	2.06E-09
6122	624199.86	4266630.93	1.10E-08	3.79E-09	1.48E-08	9.21E-09	2.84E-09	1.21E-08	2.18E-09	7.26E-10	2.91E-09	1.70E-09	3.50E-10	2.05E-09
6123	624190.9	4266627.03	1.10E-08	3.77E-09	1.47E-08	9.17E-09	2.82E-09	1.20E-08	2.17E-09	7.23E-10	2.89E-09	1.69E-09	3.48E-10	2.04E-09
6124	624181.94	4266623.14	1.09E-08	3.76E-09	1.47E-08	9.13E-09	2.81E-09	1.19E-08	2.16E-09	7.19E-10	2.88E-09	1.69E-09	3.47E-10	2.03E-09
6125	624172.98	4266619.25	1.09E-08	3.74E-09	1.46E-08	9.08E-09	2.80E-09	1.19E-08	2.15E-09	7.16E-10	2.87E-09	1.68E-09	3.45E-10	2.02E-09
6126	624164.02	4266615.36	1.08E-08	3.72E-09	1.45E-08	9.03E-09	2.78E-09	1.18E-08	2.14E-09	7.12E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
6127	624155.06	4266611.47	1.07E-08	3.70E-09	1.44E-08	8.98E-09	2.77E-09	1.18E-08	2.13E-09	7.08E-10	2.84E-09	1.66E-09	3.41E-10	2.00E-09
6128	624146.1	4266607.58	1.07E-08	3.67E-09	1.44E-08	8.93E-09	2.75E-09	1.17E-08	2.12E-09	7.04E-10	2.82E-09	1.65E-09	3.39E-10	1.99E-09
6129	624137.14	4266603.69	1.06E-08	3.65E-09	1.43E-08	8.88E-09	2.73E-09	1.16E-08	2.10E-09	7.00E-10	2.80E-09	1.64E-09	3.37E-10	1.98E-09
6130	624128.18	4266599.79	1.05E-08	3.63E-09	1.42E-08	8.81E-09	2.72E-09	1.15E-08	2.09E-09	6.95E-10	2.78E-09	1.63E-09	3.35E-10	1.96E-09
6131	624119.21	4266595.9	1.05E-08	3.60E-09	1.41E-08	8.75E-09	2.70E-09	1.14E-08	2.07E-09	6.90E-10	2.76E-09	1.62E-09	3.32E-10	1.95E-09
6132	624029.6	4266556.99	9.37E-09	3.22E-09	1.26E-08	7.83E-09	2.41E-09	1.02E-08	1.86E-09	6.17E-10	2.47E-09	1.45E-09	2.97E-10	1.74E-09
6133	624020.64	4266553.09	9.24E-09	3.18E-09	1.24E-08	7.72E-09	2.38E-09	1.01E-08	1.83E-09	6.09E-10	2.44E-09	1.43E-09	2.93E-10	1.72E-09
6134	624011.68	4266549.2	9.10E-09	3.13E-09	1.22E-08	7.61E-09	2.34E-09	9.95E-09	1.80E-09	6.00E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
6135	624002.72	4266545.31	8.96E-09	3.08E-09	1.20E-08	7.49E-09	2.31E-09	9.80E-09	1.77E-09	5.90E-10	2.36E-09	1.38E-09	2.84E-10	1.67E-09
6136	623993.76	4266541.42	8.82E-09	3.03E-09	1.19E-08	7.37E-09	2.27E-09	9.64E-09	1.75E-09	5.81E-10	2.33E-09	1.36E-09	2.80E-10	1.64E-09
6137	623984.8	4266537.53	8.68E-09	2.99E-09	1.17E-08	7.26E-09	2.24E-09	9.49E-09	1.72E-09	5.72E-10	2.29E-09	1.34E-09	2.76E-10	1.62E-09

6138	623975.84	4266533.64	8.54E-09	2.94E-09	1.15E-08	7.14E-09	2.20E-09	9.34E-09	1.69E-09	5.63E-10	2.25E-09	1.32E-09	2.71E-10	1.59E-09
6139	623966.88	4266529.74	8.40E-09	2.89E-09	1.13E-08	7.02E-09	2.16E-09	9.19E-09	1.66E-09	5.54E-10	2.22E-09	1.30E-09	2.67E-10	1.56E-09
6140	623954.32	4266516.77	8.25E-09	2.84E-09	1.11E-08	6.90E-09	2.12E-09	9.02E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
6141	623950.72	4266507.69	8.24E-09	2.83E-09	1.11E-08	6.89E-09	2.12E-09	9.01E-09	1.63E-09	5.43E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
6142	623947.12	4266498.61	8.22E-09	2.83E-09	1.11E-08	6.87E-09	2.12E-09	8.99E-09	1.63E-09	5.42E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
6143	623943.52	4266489.52	8.21E-09	2.82E-09	1.10E-08	6.86E-09	2.11E-09	8.97E-09	1.62E-09	5.41E-10	2.17E-09	1.27E-09	2.60E-10	1.53E-09
6144	623939.92	4266480.44	8.19E-09	2.82E-09	1.10E-08	6.85E-09	2.11E-09	8.96E-09	1.62E-09	5.40E-10	2.16E-09	1.26E-09	2.60E-10	1.52E-09
6145	623936.32	4266471.36	8.18E-09	2.81E-09	1.10E-08	6.83E-09	2.10E-09	8.94E-09	1.62E-09	5.39E-10	2.16E-09	1.26E-09	2.59E-10	1.52E-09
6146	623932.72	4266462.28	8.16E-09	2.81E-09	1.10E-08	6.82E-09	2.10E-09	8.92E-09	1.62E-09	5.38E-10	2.15E-09	1.26E-09	2.59E-10	1.52E-09
6147	623929.12	4266453.2	8.14E-09	2.80E-09	1.09E-08	6.81E-09	2.10E-09	8.90E-09	1.61E-09	5.37E-10	2.15E-09	1.26E-09	2.58E-10	1.52E-09
6148	623925.52	4266444.11	8.13E-09	2.80E-09	1.09E-08	6.79E-09	2.09E-09	8.89E-09	1.61E-09	5.36E-10	2.14E-09	1.25E-09	2.58E-10	1.51E-09
6149	623921.92	4266435.03	8.11E-09	2.79E-09	1.09E-08	6.78E-09	2.09E-09	8.87E-09	1.61E-09	5.35E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
6150	623918.32	4266425.95	8.10E-09	2.79E-09	1.09E-08	6.77E-09	2.09E-09	8.86E-09	1.60E-09	5.34E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
6151	623914.72	4266416.87	8.09E-09	2.78E-09	1.09E-08	6.76E-09	2.08E-09	8.84E-09	1.60E-09	5.33E-10	2.13E-09	1.25E-09	2.57E-10	1.50E-09
6152	623911.12	4266407.79	8.08E-09	2.78E-09	1.09E-08	6.75E-09	2.08E-09	8.83E-09	1.60E-09	5.32E-10	2.13E-09	1.25E-09	2.56E-10	1.50E-09
6153	623907.52	4266398.7	8.06E-09	2.77E-09	1.08E-08	6.74E-09	2.08E-09	8.82E-09	1.60E-09	5.31E-10	2.13E-09	1.24E-09	2.56E-10	1.50E-09
6154	623903.92	4266389.62	8.06E-09	2.77E-09	1.08E-08	6.73E-09	2.07E-09	8.81E-09	1.59E-09	5.31E-10	2.13E-09	1.24E-09	2.56E-10	1.50E-09
6155	623900.32	4266380.54	8.05E-09	2.77E-09	1.08E-08	6.73E-09	2.07E-09	8.80E-09	1.59E-09	5.30E-10	2.12E-09	1.24E-09	2.55E-10	1.50E-09
6156	623896.72	4266371.46	8.04E-09	2.76E-09	1.08E-08	6.72E-09	2.07E-09	8.79E-09	1.59E-09	5.30E-10	2.12E-09	1.24E-09	2.55E-10	1.50E-09
6157	623893.12	4266362.38	8.03E-09	2.76E-09	1.08E-08	6.72E-09	2.07E-09	8.78E-09	1.59E-09	5.29E-10	2.12E-09	1.24E-09	2.55E-10	1.49E-09
6158	623889.52	4266353.29	8.03E-09	2.76E-09	1.08E-08	6.71E-09	2.07E-09	8.78E-09	1.59E-09	5.29E-10	2.12E-09	1.24E-09	2.55E-10	1.49E-09
6159	623885.92	4266344.21	8.02E-09	2.76E-09	1.08E-08	6.71E-09	2.07E-09	8.77E-09	1.59E-09	5.29E-10	2.12E-09	1.24E-09	2.55E-10	1.49E-09
6160	623882.32	4266335.13	8.02E-09	2.76E-09	1.08E-08	6.70E-09	2.06E-09	8.76E-09	1.59E-09	5.28E-10	2.11E-09	1.24E-09	2.54E-10	1.49E-09
6161	623878.72	4266326.05	8.01E-09	2.75E-09	1.08E-08	6.69E-09	2.06E-09	8.76E-09	1.59E-09	5.28E-10	2.11E-09	1.24E-09	2.54E-10	1.49E-09
6162	623875.12	4266316.97	8.00E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
6163	623871.52	4266307.88	7.98E-09	2.75E-09	1.07E-08	6.67E-09	2.06E-09	8.73E-09	1.58E-09	5.26E-10	2.11E-09	1.23E-09	2.53E-10	1.49E-09
6164	623867.92	4266298.8	7.97E-09	2.74E-09	1.07E-08	6.66E-09	2.05E-09	8.71E-09	1.58E-09	5.25E-10	2.10E-09	1.23E-09	2.53E-10	1.48E-09
6165	623864.32	4266289.72	7.95E-09	2.73E-09	1.07E-08	6.64E-09	2.05E-09	8.69E-09	1.57E-09	5.24E-10	2.10E-09	1.23E-09	2.52E-10	1.48E-09
6166	623860.72	4266280.64	7.92E-09	2.72E-09	1.06E-08	6.62E-09	2.04E-09	8.66E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
6167	623857.12	4266271.55	7.89E-09	2.71E-09	1.06E-08	6.59E-09	2.03E-09	8.63E-09	1.56E-09	5.20E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
6168	623853.52	4266262.47	7.85E-09	2.70E-09	1.06E-08	6.56E-09	2.02E-09	8.59E-09	1.55E-09	5.17E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
6169	623849.92	4266253.39	7.81E-09	2.69E-09	1.05E-08	6.53E-09	2.01E-09	8.54E-09	1.55E-09	5.15E-10	2.06E-09	1.21E-09	2.48E-10	1.45E-09
6170	623846.32	4266244.31	7.77E-09	2.67E-09	1.04E-08	6.49E-09	2.00E-09	8.49E-09	1.54E-09	5.12E-10	2.05E-09	1.20E-09	2.46E-10	1.44E-09
6171	623842.72	4266235.23	7.72E-09	2.65E-09	1.04E-08	6.45E-09	1.99E-09	8.44E-09	1.53E-09	5.08E-10	2.04E-09	1.19E-09	2.45E-10	1.44E-09
6172	623839.12	4266226.14	7.66E-09	2.63E-09	1.03E-08	6.40E-09	1.97E-09	8.38E-09	1.52E-09	5.05E-10	2.02E-09	1.18E-09	2.43E-10	1.43E-09
6173	623835.52	4266217.06	7.61E-09	2.62E-09	1.02E-08	6.36E-09	1.96E-09	8.32E-09	1.51E-09	5.01E-10	2.01E-09	1.17E-09	2.41E-10	1.41E-09
6174	623831.92	4266207.98	7.55E-09	2.60E-09	1.01E-08	6.31E-09	1.94E-09	8.25E-09	1.49E-09	4.97E-10	1.99E-09	1.16E-09	2.40E-10	1.40E-09
6175	623828.32	4266198.9	7.49E-09	2.58E-09	1.01E-08	6.26E-09	1.93E-09	8.19E-09	1.48E-09	4.93E-10	1.98E-09	1.16E-09	2.38E-10	1.39E-09
6176	623824.72	4266189.82	7.43E-09	2.55E-09	9.98E-09	6.21E-09	1.91E-09	8.12E-09	1.47E-09	4.89E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
6177	623821.12	4266180.73	7.36E-09	2.53E-09	9.89E-09	6.15E-09	1.90E-09	8.05E-09	1.46E-09	4.85E-10	1.94E-09	1.14E-09	2.34E-10	1.37E-09
6178	623817.52	4266171.65	7.30E-09	2.51E-09	9.81E-09	6.10E-09	1.88E-09	7.98E-09	1.44E-09	4.81E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
6179	623813.92	4266162.57	7.23E-09	2.49E-09	9.72E-09	6.05E-09	1.86E-09	7.91E-09	1.43E-09	4.77E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
6180	623810.32	4266153.49	7.17E-09	2.47E-09	9.64E-09	6.00E-09	1.85E-09	7.84E-09	1.42E-09	4.73E-10	1.89E-09	1.11E-09	2.28E-10	1.33E-09
6181	624343.24	4266693.19	1.11E-08	3.82E-09	1.49E-08	9.28E-09	2.86E-09	1.21E-08	2.20E-09	7.31E-10	2.93E-09	1.71E-09	3.52E-10	2.07E-09
6182	624353.13	4266693.37	1.11E-08	3.83E-09	1.50E-08	9.31E-09	2.87E-09	1.22E-08	2.20E-09	7.34E-10	2.94E-09	1.72E-09	3.53E-10	2.07E-09
6183	624363.02	4266693.55	1.12E-08	3.84E-09	1.50E-08	9.33E-09	2.88E-09	1.22E-08	2.21E-09	7.36E-10	2.95E-09	1.72E-09	3.54E-10	2.08E-09
6184	624372.91	4266693.72	1.12E-08	3.85E-09	1.50E-08	9.36E-09	2.88E-09	1.22E-08	2.22E-09	7.38E-10	2.95E-09	1.73E-09	3.55E-10	2.08E-09
6185	624382.8	4266693.9	1.12E-08	3.86E-09	1.51E-08	9.38E-09	2.89E-09	1.23E-08	2.22E-09	7.39E-10	2.96E-09	1.73E-09	3.56E-10	2.09E-09
6186	624392.69	4266694.08	1.12E-08	3.87E-09	1.51E-08	9.40E-09	2.89E-09	1.23E-08	2.23E-09	7.41E-10	2.97E-09	1.73E-09	3.57E-10	2.09E-09
6187	624402.57	4266694.25	1.13E-08	3.87E-09	1.51E-08	9.41E-09	2.90E-09	1.23E-08	2.23E-09	7.42E-10	2.97E-09	1.74E-09	3.57E-10	2.10E-09
6188	624412.46	4266694.43	1.13E-08	3.88E-09	1.52E-08	9.43E-09	2.90E-09	1.23E-08	2.23E-09	7.43E-10	2.98E-09	1.74E-09	3.58E-10	2.10E-09
6189	624422.35	4266694.61	1.13E-08	3.88E-09	1.52E-08	9.44E-09	2.91E-09	1.23E-08	2.24E-09	7.44E-10	2.98E-09	1.74E-09	3.58E-10	2.10E-09
6190	624432.24	4266694.78	1.13E-08	3.89E-09	1.52E-08	9.45E-09	2.91E-09	1.24E-08	2.24E-09	7.45E-10	2.98E-09	1.75E-09	3.59E-10	2.10E-09
6191	624442.13	4266694.96	1.13E-08	3.89E-09	1.52E-08	9.46E-09	2.92E-09	1.24E-08	2.24E-09	7.46E-10	2.99E-09	1.75E-09	3.59E-10	2.11E-09
6192	624452.02	4266695.13	1.13E-08	3.90E-09	1.52E-08	9.48E-09	2.92E-09	1.24E-08	2.24E-09	7.47E-10	2.99E-09	1.75E-09	3.60E-10	2.11E-09
6193	624461.91	4266695.31	1.13E-08	3.90E-09	1.53E-08	9.49E-09	2.92E-09	1.24E-08	2.25E-09	7.48E-10	2.99E-09	1.75E-09	3.60E-10	2.11E-09
6194	624471.8	4266695.49	1.14E-08	3.91E-09	1.53E-08	9.50E-09	2.93E-09	1.24E-08	2.25E-09	7.49E-10	3.00E-09	1.75E-09	3.61E-10	2.11E-09
6195	624481.69	4266695.66	1.14E-08	3.91E-09	1.53E-08	9.51E-09	2.93E-09	1.24E-08	2.25E-09	7.50E-10	3.00E-09	1.76E-09	3.61E-10	2.12E-09
6196	624491.58	4266695.84	1.14E-08	3.92E-09	1.53E-08	9.52E-09	2.93E-09	1.25E-08	2.25E-09	7.51E-10	3.01E-09	1.76E-09	3.62E-10	2.12E-09
6197	624501.47	4266696.02	1.14E-08	3.92E-09	1.53E-08	9.54E-09	2.94E-09	1.25E-08	2.26E-09	7.52E-10	3.01E-09	1.76E-09	3.62E-10	2.12E-09
6198	624511.36	4266696.19	1.14E-08	3.93E-09	1.54E-08	9.55E-09	2.94E-09	1.25E-08	2.26E-09	7.53E-10	3.01E-09	1.76E-09	3.63E-10	2.13E-09
6199	624521.25	4266696.37	1.14E-08	3.94E-09	1.54E-08	9.57E-09	2.95E-09	1.25E-08	2.27E-09	7.54E-10	3.02E-09	1.77E-09	3.63E-10	2.13E-09
6200	624531.13	4266696.55	1.15E-08	3.94E-09	1.54E-08	9.58E-09	2.95E-09	1.25E-08	2.27E-09	7.55E-10	3.02E-09	1.77E-09	3.64E-10	2.13E-09
6201	624541.02	4266696.72	1.15E-08	3.95E-09	1.54E-08	9.60E-09	2.96E-09	1.26E-08	2.27E-09	7.57E-10	3.03E-09	1.77E-09	3.65E-10	2.14E-09
6202	624550.91	4266696.9	1.15E-08	3.96E-09	1.55E-08	9.62E-09	2.96E-09	1.26E-08	2.28E-09	7.58E-10	3.04E-09	1.78E-09	3.65E-10	2.14E-09
6203	624560.8	4266697.08	1.15E-08	3.96E-09	1.55E-08	9.63E-09	2.97E-09	1.26E-08	2.28E-09	7.59E-10	3.04E-09	1.78E-09	3.66E-10	2.14E-09
6204	624570.69	4266697.25	1.15E-08	3.97E-09	1.55E-08	9.65E-09	2.97E-09	1.26E-08	2.29E-09	7.61E-10	3.05E-09	1.78E-09	3.66E-10	2.15E-09
6205	624580.58	4266697.43	1.16E-08	3.98E-09	1.55E-08	9.66E-09	2.98E-09	1.26E-08	2.29E-09	7.62E-10	3.05E-09	1.78E-09	3.67E-10	2.15E-09
6206	624590.47	4266697.61	1.16E-08	3.98E-09	1.56E-08	9.68E-09	2.98E-09	1.27E-08	2.29E-09	7.63E-10	3.05E-09	1.79E-09	3.67E-10	2.15E-09

6207	624600.36	4266697.78	1.16E-08	3.98E-09	1.56E-08	9.68E-09	2.98E-09	1.27E-08	2.29E-09	7.63E-10	3.06E-09	1.79E-09	3.68E-10	2.16E-09
6208	624610.25	4266697.96	1.16E-08	3.99E-09	1.56E-08	9.69E-09	2.98E-09	1.27E-08	2.29E-09	7.64E-10	3.06E-09	1.79E-09	3.68E-10	2.16E-09
6209	624620.14	4266698.14	1.16E-08	3.99E-09	1.56E-08	9.69E-09	2.98E-09	1.27E-08	2.29E-09	7.64E-10	3.06E-09	1.79E-09	3.68E-10	2.16E-09
6210	624630.03	4266698.31	1.16E-08	3.99E-09	1.56E-08	9.69E-09	2.98E-09	1.27E-08	2.29E-09	7.64E-10	3.06E-09	1.79E-09	3.68E-10	2.16E-09
6211	624639.92	4266698.49	1.16E-08	3.98E-09	1.56E-08	9.68E-09	2.98E-09	1.27E-08	2.29E-09	7.63E-10	3.05E-09	1.79E-09	3.67E-10	2.15E-09
6212	624649.8	4266698.67	1.16E-08	3.98E-09	1.55E-08	9.66E-09	2.98E-09	1.26E-08	2.29E-09	7.62E-10	3.05E-09	1.78E-09	3.67E-10	2.15E-09
6213	624659.69	4266698.84	1.15E-08	3.97E-09	1.55E-08	9.64E-09	2.97E-09	1.26E-08	2.28E-09	7.60E-10	3.04E-09	1.78E-09	3.66E-10	2.15E-09
6214	624669.58	4266699.02	1.15E-08	3.96E-09	1.55E-08	9.62E-09	2.96E-09	1.26E-08	2.28E-09	7.58E-10	3.04E-09	1.78E-09	3.65E-10	2.14E-09
6215	624679.47	4266699.2	1.15E-08	3.95E-09	1.54E-08	9.59E-09	2.95E-09	1.25E-08	2.27E-09	7.56E-10	3.03E-09	1.77E-09	3.64E-10	2.13E-09
6216	624689.36	4266699.37	1.14E-08	3.93E-09	1.54E-08	9.56E-09	2.94E-09	1.25E-08	2.26E-09	7.53E-10	3.02E-09	1.76E-09	3.63E-10	2.13E-09
6217	624699.25	4266699.55	1.14E-08	3.92E-09	1.53E-08	9.52E-09	2.93E-09	1.25E-08	2.26E-09	7.51E-10	3.01E-09	1.76E-09	3.62E-10	2.12E-09
6218	624709.14	4266699.73	1.14E-08	3.90E-09	1.53E-08	9.49E-09	2.92E-09	1.24E-08	2.25E-09	7.48E-10	2.99E-09	1.75E-09	3.60E-10	2.11E-09
6219	624719.03	4266699.9	1.13E-08	3.89E-09	1.52E-08	9.45E-09	2.91E-09	1.24E-08	2.24E-09	7.45E-10	2.98E-09	1.75E-09	3.59E-10	2.10E-09
6220	624728.92	4266700.08	1.13E-08	3.87E-09	1.51E-08	9.42E-09	2.90E-09	1.23E-08	2.23E-09	7.42E-10	2.97E-09	1.74E-09	3.57E-10	2.10E-09
6221	624738.81	4266700.26	1.12E-08	3.86E-09	1.51E-08	9.38E-09	2.89E-09	1.23E-08	2.22E-09	7.39E-10	2.96E-09	1.73E-09	3.56E-10	2.09E-09
6222	624748.7	4266700.43	1.12E-08	3.84E-09	1.50E-08	9.34E-09	2.88E-09	1.22E-08	2.21E-09	7.37E-10	2.95E-09	1.73E-09	3.55E-10	2.08E-09
6223	624758.59	4266700.61	1.11E-08	3.83E-09	1.50E-08	9.31E-09	2.87E-09	1.22E-08	2.21E-09	7.34E-10	2.94E-09	1.72E-09	3.54E-10	2.07E-09
6224	624768.48	4266700.79	1.11E-08	3.82E-09	1.49E-08	9.28E-09	2.86E-09	1.21E-08	2.20E-09	7.31E-10	2.93E-09	1.71E-09	3.52E-10	2.07E-09
6225	624778.36	4266700.96	1.11E-08	3.80E-09	1.49E-08	9.24E-09	2.85E-09	1.21E-08	2.19E-09	7.29E-10	2.92E-09	1.71E-09	3.51E-10	2.06E-09
6226	624788.25	4266701.14	1.10E-08	3.79E-09	1.48E-08	9.20E-09	2.84E-09	1.20E-08	2.18E-09	7.26E-10	2.91E-09	1.70E-09	3.49E-10	2.05E-09
6227	624798.14	4266701.32	1.10E-08	3.77E-09	1.47E-08	9.17E-09	2.82E-09	1.20E-08	2.17E-09	7.23E-10	2.89E-09	1.69E-09	3.48E-10	2.04E-09
6228	624808.03	4266701.49	1.09E-08	3.75E-09	1.47E-08	9.13E-09	2.81E-09	1.19E-08	2.16E-09	7.19E-10	2.88E-09	1.68E-09	3.46E-10	2.03E-09
6229	624817.92	4266701.67	1.09E-08	3.74E-09	1.46E-08	9.08E-09	2.80E-09	1.19E-08	2.15E-09	7.16E-10	2.87E-09	1.68E-09	3.45E-10	2.02E-09
6230	624827.81	4266701.85	1.08E-08	3.72E-09	1.45E-08	9.04E-09	2.78E-09	1.18E-08	2.14E-09	7.13E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
6231	624837.7	4266702.02	1.08E-08	3.70E-09	1.45E-08	8.99E-09	2.77E-09	1.18E-08	2.13E-09	7.09E-10	2.84E-09	1.66E-09	3.41E-10	2.00E-09
6232	624333.4	4266739.3	1.00E-08	3.46E-09	1.35E-08	8.40E-09	2.59E-09	1.10E-08	1.99E-09	6.62E-10	2.65E-09	1.55E-09	3.19E-10	1.87E-09
6233	624324.46	4266735.42	1.01E-08	3.47E-09	1.36E-08	8.44E-09	2.60E-09	1.10E-08	2.00E-09	6.65E-10	2.66E-09	1.56E-09	3.20E-10	1.88E-09
6234	624315.52	4266731.53	1.01E-08	3.49E-09	1.36E-08	8.48E-09	2.61E-09	1.11E-08	2.01E-09	6.68E-10	2.68E-09	1.56E-09	3.22E-10	1.89E-09
6235	624306.57	4266727.65	1.02E-08	3.50E-09	1.37E-08	8.51E-09	2.62E-09	1.11E-08	2.02E-09	6.71E-10	2.69E-09	1.57E-09	3.23E-10	1.89E-09
6236	624297.63	4266723.76	1.02E-08	3.51E-09	1.37E-08	8.54E-09	2.63E-09	1.12E-08	2.02E-09	6.73E-10	2.69E-09	1.58E-09	3.24E-10	1.90E-09
6237	624288.69	4266719.88	1.02E-08	3.52E-09	1.38E-08	8.56E-09	2.64E-09	1.12E-08	2.03E-09	6.74E-10	2.70E-09	1.58E-09	3.25E-10	1.90E-09
6238	624279.74	4266716	1.02E-08	3.52E-09	1.38E-08	8.57E-09	2.64E-09	1.12E-08	2.03E-09	6.75E-10	2.70E-09	1.58E-09	3.25E-10	1.91E-09
6239	624270.8	4266712.11	1.03E-08	3.53E-09	1.38E-08	8.57E-09	2.64E-09	1.12E-08	2.03E-09	6.76E-10	2.71E-09	1.58E-09	3.25E-10	1.91E-09
6240	624261.85	4266708.23	1.03E-08	3.53E-09	1.38E-08	8.57E-09	2.64E-09	1.12E-08	2.03E-09	6.75E-10	2.70E-09	1.58E-09	3.25E-10	1.91E-09
6241	624252.91	4266704.34	1.02E-08	3.52E-09	1.38E-08	8.56E-09	2.64E-09	1.12E-08	2.03E-09	6.75E-10	2.70E-09	1.58E-09	3.25E-10	1.91E-09
6242	624243.97	4266700.46	1.02E-08	3.52E-09	1.38E-08	8.55E-09	2.64E-09	1.12E-08	2.03E-09	6.74E-10	2.70E-09	1.58E-09	3.25E-10	1.90E-09
6243	624235.02	4266696.58	1.02E-08	3.51E-09	1.37E-08	8.54E-09	2.63E-09	1.12E-08	2.02E-09	6.73E-10	2.70E-09	1.58E-09	3.24E-10	1.90E-09
6244	624226.08	4266692.69	1.02E-08	3.51E-09	1.37E-08	8.52E-09	2.62E-09	1.11E-08	2.02E-09	6.72E-10	2.69E-09	1.57E-09	3.23E-10	1.90E-09
6245	624217.14	4266688.81	1.02E-08	3.50E-09	1.37E-08	8.50E-09	2.62E-09	1.11E-08	2.01E-09	6.70E-10	2.68E-09	1.57E-09	3.23E-10	1.89E-09
6246	624208.19	4266684.92	1.01E-08	3.48E-09	1.36E-08	8.47E-09	2.61E-09	1.11E-08	2.01E-09	6.68E-10	2.67E-09	1.56E-09	3.22E-10	1.89E-09
6247	624199.25	4266681.04	1.01E-08	3.47E-09	1.36E-08	8.44E-09	2.60E-09	1.10E-08	2.00E-09	6.65E-10	2.66E-09	1.56E-09	3.21E-10	1.88E-09
6248	624190.3	4266677.15	1.01E-08	3.46E-09	1.35E-08	8.41E-09	2.59E-09	1.10E-08	1.99E-09	6.63E-10	2.65E-09	1.55E-09	3.19E-10	1.87E-09
6249	624181.36	4266673.27	1.00E-08	3.45E-09	1.35E-08	8.38E-09	2.58E-09	1.10E-08	1.98E-09	6.61E-10	2.64E-09	1.55E-09	3.18E-10	1.87E-09
6250	624172.42	4266669.39	9.99E-09	3.43E-09	1.34E-08	8.35E-09	2.57E-09	1.09E-08	1.98E-09	6.58E-10	2.63E-09	1.54E-09	3.17E-10	1.86E-09
6251	624163.47	4266665.5	9.95E-09	3.42E-09	1.34E-08	8.31E-09	2.56E-09	1.09E-08	1.97E-09	6.55E-10	2.62E-09	1.53E-09	3.16E-10	1.85E-09
6252	624154.53	4266661.62	9.91E-09	3.41E-09	1.33E-08	8.28E-09	2.55E-09	1.08E-08	1.96E-09	6.53E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
6253	624145.59	4266657.73	9.86E-09	3.39E-09	1.33E-08	8.24E-09	2.54E-09	1.08E-08	1.95E-09	6.50E-10	2.60E-09	1.52E-09	3.13E-10	1.83E-09
6254	624136.64	4266653.85	9.82E-09	3.38E-09	1.32E-08	8.21E-09	2.53E-09	1.07E-08	1.94E-09	6.47E-10	2.59E-09	1.51E-09	3.12E-10	1.83E-09
6255	624127.7	4266649.97	9.77E-09	3.36E-09	1.31E-08	8.16E-09	2.52E-09	1.07E-08	1.93E-09	6.44E-10	2.58E-09	1.51E-09	3.10E-10	1.82E-09
6256	624118.76	4266646.08	9.72E-09	3.34E-09	1.31E-08	8.12E-09	2.50E-09	1.06E-08	1.92E-09	6.40E-10	2.56E-09	1.50E-09	3.08E-10	1.81E-09
6257	624074.04	4266626.66	9.38E-09	3.23E-09	1.26E-08	7.84E-09	2.42E-09	1.03E-08	1.86E-09	6.18E-10	2.48E-09	1.45E-09	2.98E-10	1.75E-09
6258	624065.09	4266622.78	9.30E-09	3.20E-09	1.25E-08	7.77E-09	2.39E-09	1.02E-08	1.84E-09	6.13E-10	2.45E-09	1.44E-09	2.95E-10	1.73E-09
6259	624056.15	4266618.89	9.21E-09	3.17E-09	1.24E-08	7.70E-09	2.37E-09	1.01E-08	1.82E-09	6.07E-10	2.43E-09	1.42E-09	2.92E-10	1.71E-09
6260	624047.21	4266615.01	9.12E-09	3.14E-09	1.23E-08	7.62E-09	2.35E-09	9.97E-09	1.81E-09	6.01E-10	2.41E-09	1.41E-09	2.89E-10	1.70E-09
6261	624038.26	4266611.13	9.02E-09	3.10E-09	1.21E-08	7.54E-09	2.32E-09	9.86E-09	1.79E-09	5.94E-10	2.38E-09	1.39E-09	2.86E-10	1.68E-09
6262	624029.32	4266607.24	8.92E-09	3.07E-09	1.20E-08	7.46E-09	2.30E-09	9.75E-09	1.77E-09	5.88E-10	2.35E-09	1.38E-09	2.83E-10	1.66E-09
6263	624020.38	4266603.36	8.81E-09	3.03E-09	1.18E-08	7.37E-09	2.27E-09	9.63E-09	1.74E-09	5.81E-10	2.32E-09	1.36E-09	2.80E-10	1.64E-09
6264	624011.43	4266599.47	8.70E-09	2.99E-09	1.17E-08	7.27E-09	2.24E-09	9.51E-09	1.72E-09	5.73E-10	2.30E-09	1.34E-09	2.76E-10	1.62E-09
6265	624002.49	4266595.59	8.59E-09	2.95E-09	1.15E-08	7.18E-09	2.21E-09	9.39E-09	1.70E-09	5.66E-10	2.27E-09	1.32E-09	2.73E-10	1.60E-09
6266	623993.54	4266591.7	8.47E-09	2.91E-09	1.14E-08	7.08E-09	2.18E-09	9.26E-09	1.68E-09	5.58E-10	2.23E-09	1.31E-09	2.69E-10	1.58E-09
6267	623984.6	4266587.82	8.35E-09	2.87E-09	1.12E-08	6.98E-09	2.15E-09	9.13E-09	1.65E-09	5.50E-10	2.20E-09	1.29E-09	2.65E-10	1.55E-09
6268	623975.66	4266583.94	8.23E-09	2.83E-09	1.11E-08	6.88E-09	2.12E-09	9.00E-09	1.63E-09	5.42E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
6269	623966.71	4266580.05	8.11E-09	2.79E-09	1.09E-08	6.78E-09	2.09E-09	8.86E-09	1.60E-09	5.34E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
6270	623957.77	4266576.17	7.98E-09	2.75E-09	1.07E-08	6.67E-09	2.06E-09	8.73E-09	1.58E-09	5.26E-10	2.11E-09	1.23E-09	2.53E-10	1.49E-09
6271	623948.83	4266572.28	7.86E-09	2.70E-09	1.06E-08	6.57E-09	2.02E-09	8.59E-09	1.56E-09	5.18E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
6272	623939.88	4266568.4	7.74E-09	2.66E-09	1.04E-08	6.47E-09	1.99E-09	8.46E-09	1.53E-09	5.10E-10	2.04E-09	1.19E-09	2.46E-10	1.44E-09
6273	623930.94	4266564.52	7.62E-09	2.62E-09	1.02E-08	6.37E-09	1.96E-09	8.33E-09	1.51E-09	5.02E-10	2.01E-09	1.18E-09	2.42E-10	1.42E-09
6274	623918.4	4266551.57	7.49E-09	2.57E-09	1.01E-08	6.26E-09	1.93E-09	8.18E-09	1.48E-09	4.93E-10	1.97E-09	1.15E-09	2.38E-10	1.39E-09
6275	623914.81	4266542.5	7.47E-09	2.57E-09	1.00E-08	6.24E-09	1.92E-09	8.17E-09	1.48E-09	4.92E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09

6276	623911.22	4266533.44	7.45E-09	2.56E-09	1.00E-08	6.23E-09	1.92E-09	8.15E-09	1.48E-09	4.91E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
6277	623907.62	4266524.37	7.44E-09	2.56E-09	1.00E-08	6.22E-09	1.92E-09	8.13E-09	1.47E-09	4.90E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
6278	623904.03	4266515.31	7.43E-09	2.55E-09	9.98E-09	6.21E-09	1.91E-09	8.12E-09	1.47E-09	4.89E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
6279	623900.44	4266506.25	7.41E-09	2.55E-09	9.96E-09	6.20E-09	1.91E-09	8.10E-09	1.47E-09	4.88E-10	1.96E-09	1.14E-09	2.35E-10	1.38E-09
6280	623896.84	4266497.18	7.40E-09	2.54E-09	9.94E-09	6.18E-09	1.90E-09	8.09E-09	1.46E-09	4.87E-10	1.95E-09	1.14E-09	2.35E-10	1.38E-09
6281	623893.25	4266488.12	7.38E-09	2.54E-09	9.92E-09	6.17E-09	1.90E-09	8.07E-09	1.46E-09	4.86E-10	1.95E-09	1.14E-09	2.34E-10	1.37E-09
6282	623889.66	4266479.05	7.37E-09	2.53E-09	9.90E-09	6.16E-09	1.90E-09	8.05E-09	1.46E-09	4.85E-10	1.94E-09	1.14E-09	2.34E-10	1.37E-09
6283	623886.06	4266469.99	7.35E-09	2.53E-09	9.88E-09	6.15E-09	1.89E-09	8.04E-09	1.46E-09	4.84E-10	1.94E-09	1.13E-09	2.33E-10	1.37E-09
6284	623882.47	4266460.92	7.34E-09	2.52E-09	9.86E-09	6.13E-09	1.89E-09	8.02E-09	1.45E-09	4.84E-10	1.94E-09	1.13E-09	2.33E-10	1.37E-09
6285	623878.88	4266451.86	7.33E-09	2.52E-09	9.85E-09	6.13E-09	1.89E-09	8.01E-09	1.45E-09	4.83E-10	1.93E-09	1.13E-09	2.33E-10	1.36E-09
6286	623875.29	4266442.79	7.32E-09	2.52E-09	9.84E-09	6.12E-09	1.88E-09	8.00E-09	1.45E-09	4.82E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
6287	623871.69	4266433.73	7.31E-09	2.51E-09	9.82E-09	6.11E-09	1.88E-09	7.99E-09	1.45E-09	4.82E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
6288	623868.1	4266424.66	7.30E-09	2.51E-09	9.81E-09	6.10E-09	1.88E-09	7.98E-09	1.45E-09	4.81E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
6289	623864.51	4266415.6	7.29E-09	2.51E-09	9.80E-09	6.10E-09	1.88E-09	7.97E-09	1.44E-09	4.81E-10	1.92E-09	1.13E-09	2.31E-10	1.36E-09
6290	623860.91	4266406.54	7.29E-09	2.51E-09	9.79E-09	6.09E-09	1.88E-09	7.97E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.36E-09
6291	623857.32	4266397.47	7.28E-09	2.50E-09	9.79E-09	6.09E-09	1.88E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6292	623853.73	4266388.41	7.28E-09	2.50E-09	9.79E-09	6.09E-09	1.87E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6293	623850.13	4266379.34	7.28E-09	2.50E-09	9.78E-09	6.09E-09	1.87E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6294	623846.54	4266370.28	7.28E-09	2.50E-09	9.78E-09	6.09E-09	1.87E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6295	623842.95	4266361.21	7.28E-09	2.50E-09	9.78E-09	6.08E-09	1.87E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6296	623839.36	4266352.15	7.28E-09	2.50E-09	9.78E-09	6.08E-09	1.87E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6297	623835.76	4266343.08	7.28E-09	2.50E-09	9.78E-09	6.08E-09	1.87E-09	7.95E-09	1.44E-09	4.79E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6298	623832.17	4266334.02	7.27E-09	2.50E-09	9.77E-09	6.08E-09	1.87E-09	7.95E-09	1.44E-09	4.79E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6299	623828.58	4266324.95	7.26E-09	2.50E-09	9.76E-09	6.07E-09	1.87E-09	7.94E-09	1.44E-09	4.79E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6300	623824.98	4266315.89	7.25E-09	2.49E-09	9.75E-09	6.06E-09	1.87E-09	7.93E-09	1.44E-09	4.78E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
6301	623821.39	4266306.83	7.24E-09	2.49E-09	9.73E-09	6.05E-09	1.86E-09	7.92E-09	1.43E-09	4.77E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
6302	623817.8	4266297.76	7.22E-09	2.48E-09	9.71E-09	6.04E-09	1.86E-09	7.90E-09	1.43E-09	4.76E-10	1.91E-09	1.11E-09	2.29E-10	1.34E-09
6303	623814.2	4266288.7	7.20E-09	2.48E-09	9.68E-09	6.02E-09	1.85E-09	7.87E-09	1.43E-09	4.74E-10	1.90E-09	1.11E-09	2.29E-10	1.34E-09
6304	623810.61	4266279.63	7.17E-09	2.47E-09	9.64E-09	6.00E-09	1.85E-09	7.84E-09	1.42E-09	4.73E-10	1.89E-09	1.11E-09	2.28E-10	1.33E-09
6305	623807.02	4266270.57	7.14E-09	2.46E-09	9.60E-09	5.97E-09	1.84E-09	7.81E-09	1.41E-09	4.71E-10	1.88E-09	1.10E-09	2.27E-10	1.33E-09
6306	623803.43	4266261.5	7.11E-09	2.44E-09	9.55E-09	5.94E-09	1.83E-09	7.77E-09	1.41E-09	4.68E-10	1.87E-09	1.10E-09	2.26E-10	1.32E-09
6307	623799.83	4266252.44	7.07E-09	2.43E-09	9.50E-09	5.91E-09	1.82E-09	7.72E-09	1.40E-09	4.66E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
6308	623796.24	4266243.37	7.02E-09	2.41E-09	9.43E-09	5.87E-09	1.81E-09	7.68E-09	1.39E-09	4.63E-10	1.85E-09	1.08E-09	2.23E-10	1.31E-09
6309	623792.65	4266234.31	6.97E-09	2.40E-09	9.37E-09	5.83E-09	1.80E-09	7.62E-09	1.38E-09	4.59E-10	1.84E-09	1.08E-09	2.21E-10	1.30E-09
6310	623789.05	4266225.25	6.92E-09	2.38E-09	9.30E-09	5.79E-09	1.78E-09	7.57E-09	1.37E-09	4.56E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6311	623785.46	4266216.18	6.87E-09	2.36E-09	9.23E-09	5.74E-09	1.77E-09	7.51E-09	1.36E-09	4.53E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
6312	623781.87	4266207.12	6.82E-09	2.34E-09	9.16E-09	5.70E-09	1.76E-09	7.45E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
6313	623778.27	4266198.05	6.76E-09	2.33E-09	9.09E-09	5.65E-09	1.74E-09	7.40E-09	1.34E-09	4.46E-10	1.78E-09	1.04E-09	2.15E-10	1.26E-09
6314	623774.68	4266188.99	6.71E-09	2.31E-09	9.02E-09	5.61E-09	1.73E-09	7.34E-09	1.33E-09	4.42E-10	1.77E-09	1.04E-09	2.13E-10	1.25E-09
6315	623771.09	4266179.92	6.65E-09	2.29E-09	8.94E-09	5.56E-09	1.71E-09	7.27E-09	1.32E-09	4.38E-10	1.75E-09	1.03E-09	2.11E-10	1.24E-09
6316	623767.49	4266170.86	6.60E-09	2.27E-09	8.86E-09	5.51E-09	1.70E-09	7.21E-09	1.31E-09	4.35E-10	1.74E-09	1.02E-09	2.09E-10	1.23E-09
6317	623763.9	4266161.79	6.54E-09	2.25E-09	8.79E-09	5.47E-09	1.68E-09	7.15E-09	1.29E-09	4.31E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
6318	623760.31	4266152.73	6.48E-09	2.23E-09	8.71E-09	5.42E-09	1.67E-09	7.09E-09	1.28E-09	4.27E-10	1.71E-09	1.00E-09	2.06E-10	1.21E-09
6319	624342.35	4266743.18	9.99E-09	3.44E-09	1.34E-08	8.35E-09	2.57E-09	1.09E-08	1.98E-09	6.58E-10	2.64E-09	1.54E-09	3.17E-10	1.86E-09
6320	624352.24	4266743.36	1.00E-08	3.44E-09	1.35E-08	8.37E-09	2.58E-09	1.09E-08	1.98E-09	6.60E-10	2.64E-09	1.55E-09	3.18E-10	1.86E-09
6321	624362.13	4266743.54	1.00E-08	3.45E-09	1.35E-08	8.39E-09	2.58E-09	1.10E-08	1.99E-09	6.61E-10	2.65E-09	1.55E-09	3.18E-10	1.87E-09
6322	624372.01	4266743.71	1.00E-08	3.46E-09	1.35E-08	8.40E-09	2.59E-09	1.10E-08	1.99E-09	6.62E-10	2.65E-09	1.55E-09	3.19E-10	1.87E-09
6323	624381.9	4266743.89	1.01E-08	3.46E-09	1.35E-08	8.41E-09	2.59E-09	1.10E-08	1.99E-09	6.63E-10	2.65E-09	1.55E-09	3.19E-10	1.87E-09
6324	624391.79	4266744.07	1.01E-08	3.46E-09	1.35E-08	8.42E-09	2.59E-09	1.10E-08	1.99E-09	6.64E-10	2.66E-09	1.55E-09	3.20E-10	1.87E-09
6325	624401.68	4266744.24	1.01E-08	3.47E-09	1.36E-08	8.43E-09	2.60E-09	1.10E-08	2.00E-09	6.64E-10	2.66E-09	1.56E-09	3.20E-10	1.88E-09
6326	624411.57	4266744.42	1.01E-08	3.47E-09	1.36E-08	8.44E-09	2.60E-09	1.10E-08	2.00E-09	6.65E-10	2.66E-09	1.56E-09	3.20E-10	1.88E-09
6327	624421.46	4266744.6	1.01E-08	3.47E-09	1.36E-08	8.44E-09	2.60E-09	1.10E-08	2.00E-09	6.65E-10	2.66E-09	1.56E-09	3.21E-10	1.88E-09
6328	624431.35	4266744.77	1.01E-08	3.48E-09	1.36E-08	8.45E-09	2.60E-09	1.10E-08	2.00E-09	6.66E-10	2.67E-09	1.56E-09	3.21E-10	1.88E-09
6329	624441.24	4266744.95	1.01E-08	3.48E-09	1.36E-08	8.45E-09	2.60E-09	1.11E-08	2.00E-09	6.66E-10	2.67E-09	1.56E-09	3.21E-10	1.88E-09
6330	624451.13	4266745.13	1.01E-08	3.48E-09	1.36E-08	8.46E-09	2.60E-09	1.11E-08	2.00E-09	6.67E-10	2.67E-09	1.56E-09	3.21E-10	1.88E-09
6331	624461.02	4266745.3	1.01E-08	3.48E-09	1.36E-08	8.46E-09	2.61E-09	1.11E-08	2.00E-09	6.67E-10	2.67E-09	1.56E-09	3.21E-10	1.88E-09
6332	624470.91	4266745.48	1.01E-08	3.48E-09	1.36E-08	8.47E-09	2.61E-09	1.11E-08	2.00E-09	6.67E-10	2.67E-09	1.56E-09	3.21E-10	1.88E-09
6333	624480.8	4266745.66	1.01E-08	3.49E-09	1.36E-08	8.47E-09	2.61E-09	1.11E-08	2.01E-09	6.68E-10	2.67E-09	1.56E-09	3.22E-10	1.89E-09
6334	624490.68	4266745.83	1.01E-08	3.49E-09	1.36E-08	8.48E-09	2.61E-09	1.11E-08	2.01E-09	6.68E-10	2.68E-09	1.57E-09	3.22E-10	1.89E-09
6335	624500.57	4266746.01	1.02E-08	3.49E-09	1.36E-08	8.49E-09	2.61E-09	1.11E-08	2.01E-09	6.69E-10	2.68E-09	1.57E-09	3.22E-10	1.89E-09
6336	624510.46	4266746.19	1.02E-08	3.50E-09	1.37E-08	8.50E-09	2.62E-09	1.11E-08	2.01E-09	6.70E-10	2.68E-09	1.57E-09	3.23E-10	1.89E-09
6337	624520.35	4266746.36	1.02E-08	3.50E-09	1.37E-08	8.51E-09	2.62E-09	1.11E-08	2.02E-09	6.71E-10	2.69E-09	1.57E-09	3.23E-10	1.89E-09
6338	624530.24	4266746.54	1.02E-08	3.51E-09	1.37E-08	8.52E-09	2.62E-09	1.11E-08	2.02E-09	6.72E-10	2.69E-09	1.57E-09	3.24E-10	1.90E-09
6339	624540.13	4266746.72	1.02E-08	3.51E-09	1.37E-08	8.53E-09	2.63E-09	1.12E-08	2.02E-09	6.73E-10	2.69E-09	1.58E-09	3.24E-10	1.90E-09
6340	624550.02	4266746.89	1.02E-08	3.52E-09	1.37E-08	8.55E-09	2.63E-09	1.12E-08	2.02E-09	6.74E-10	2.70E-09	1.58E-09	3.25E-10	1.90E-09
6341	624559.91	4266747.07	1.02E-08	3.52E-09	1.38E-08	8.56E-09	2.64E-09	1.12E-08	2.03E-09	6.75E-10	2.70E-09	1.58E-09	3.25E-10	1.91E-09
6342	624569.8	4266747.25	1.03E-08	3.53E-09	1.38E-08	8.57E-09	2.64E-09	1.12E-08	2.03E-09	6.75E-10	2.70E-09	1.58E-09	3.25E-10	1.91E-09
6343	624579.69	4266747.42	1.03E-08	3.53E-09	1.38E-08	8.58E-09	2.64E-09	1.12E-08	2.03E-09	6.76E-10	2.71E-09	1.58E-09	3.26E-10	1.91E-09
6344	624589.58	4266747.6	1.03E-08	3.53E-09	1.38E-08	8.58E-09	2.64E-09	1.12E-08	2.03E-09	6.77E-10	2.71E-09	1.58E-09	3.26E-10	1.91E-09

6345	624599.47	4266747.78	1.03E-08	3.53E-09	1.38E-08	8.58E-09	2.64E-09	1.12E-08	2.03E-09	6.77E-10	2.71E-09	1.58E-09	3.26E-10	1.91E-09
6346	624609.36	4266747.95	1.03E-08	3.53E-09	1.38E-08	8.58E-09	2.64E-09	1.12E-08	2.03E-09	6.77E-10	2.71E-09	1.58E-09	3.26E-10	1.91E-09
6347	624619.24	4266748.13	1.03E-08	3.53E-09	1.38E-08	8.58E-09	2.64E-09	1.12E-08	2.03E-09	6.76E-10	2.71E-09	1.58E-09	3.26E-10	1.91E-09
6348	624629.13	4266748.31	1.03E-08	3.53E-09	1.38E-08	8.57E-09	2.64E-09	1.12E-08	2.03E-09	6.75E-10	2.70E-09	1.58E-09	3.25E-10	1.91E-09
6349	624639.02	4266748.48	1.02E-08	3.52E-09	1.38E-08	8.56E-09	2.64E-09	1.12E-08	2.03E-09	6.74E-10	2.70E-09	1.58E-09	3.25E-10	1.90E-09
6350	624648.91	4266748.66	1.02E-08	3.51E-09	1.37E-08	8.54E-09	2.63E-09	1.12E-08	2.02E-09	6.73E-10	2.70E-09	1.58E-09	3.24E-10	1.90E-09
6351	624658.8	4266748.84	1.02E-08	3.50E-09	1.37E-08	8.52E-09	2.62E-09	1.11E-08	2.02E-09	6.72E-10	2.69E-09	1.57E-09	3.23E-10	1.90E-09
6352	624668.69	4266749.01	1.02E-08	3.50E-09	1.37E-08	8.50E-09	2.62E-09	1.11E-08	2.01E-09	6.70E-10	2.68E-09	1.57E-09	3.23E-10	1.89E-09
6353	624678.58	4266749.19	1.01E-08	3.49E-09	1.36E-08	8.47E-09	2.61E-09	1.11E-08	2.01E-09	6.68E-10	2.67E-09	1.56E-09	3.22E-10	1.89E-09
6354	624688.47	4266749.37	1.01E-08	3.47E-09	1.36E-08	8.45E-09	2.60E-09	1.10E-08	2.00E-09	6.66E-10	2.67E-09	1.56E-09	3.21E-10	1.88E-09
6355	624698.36	4266749.54	1.01E-08	3.46E-09	1.35E-08	8.42E-09	2.59E-09	1.10E-08	1.99E-09	6.64E-10	2.66E-09	1.55E-09	3.20E-10	1.87E-09
6356	624708.25	4266749.72	1.00E-08	3.45E-09	1.35E-08	8.39E-09	2.58E-09	1.10E-08	1.99E-09	6.61E-10	2.65E-09	1.55E-09	3.19E-10	1.87E-09
6357	624718.14	4266749.9	1.00E-08	3.44E-09	1.34E-08	8.36E-09	2.58E-09	1.09E-08	1.98E-09	6.59E-10	2.64E-09	1.54E-09	3.18E-10	1.86E-09
6358	624728.03	4266750.07	9.98E-09	3.43E-09	1.34E-08	8.34E-09	2.57E-09	1.09E-08	1.97E-09	6.57E-10	2.63E-09	1.54E-09	3.17E-10	1.86E-09
6359	624737.91	4266750.25	9.95E-09	3.42E-09	1.34E-08	8.31E-09	2.56E-09	1.09E-08	1.97E-09	6.55E-10	2.62E-09	1.53E-09	3.16E-10	1.85E-09
6360	624747.8	4266750.42	9.92E-09	3.41E-09	1.33E-08	8.29E-09	2.55E-09	1.08E-08	1.96E-09	6.53E-10	2.62E-09	1.53E-09	3.15E-10	1.84E-09
6361	624757.69	4266750.6	9.89E-09	3.40E-09	1.33E-08	8.27E-09	2.55E-09	1.08E-08	1.96E-09	6.52E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
6362	624767.58	4266750.78	9.86E-09	3.39E-09	1.33E-08	8.25E-09	2.54E-09	1.08E-08	1.95E-09	6.50E-10	2.60E-09	1.52E-09	3.13E-10	1.84E-09
6363	624777.47	4266750.95	9.84E-09	3.38E-09	1.32E-08	8.22E-09	2.53E-09	1.08E-08	1.95E-09	6.48E-10	2.60E-09	1.52E-09	3.12E-10	1.83E-09
6364	624787.36	4266751.13	9.81E-09	3.37E-09	1.32E-08	8.20E-09	2.52E-09	1.07E-08	1.94E-09	6.46E-10	2.59E-09	1.51E-09	3.11E-10	1.82E-09
6365	624797.25	4266751.31	9.77E-09	3.36E-09	1.31E-08	8.17E-09	2.52E-09	1.07E-08	1.93E-09	6.44E-10	2.58E-09	1.51E-09	3.10E-10	1.82E-09
6366	624807.14	4266751.48	9.74E-09	3.35E-09	1.31E-08	8.14E-09	2.51E-09	1.06E-08	1.93E-09	6.42E-10	2.57E-09	1.50E-09	3.09E-10	1.81E-09
6367	624817.03	4266751.66	9.70E-09	3.34E-09	1.30E-08	8.11E-09	2.50E-09	1.06E-08	1.92E-09	6.39E-10	2.56E-09	1.50E-09	3.08E-10	1.81E-09
6368	624826.92	4266751.84	9.67E-09	3.32E-09	1.30E-08	8.08E-09	2.49E-09	1.06E-08	1.91E-09	6.37E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
6369	624836.81	4266752.01	9.63E-09	3.31E-09	1.29E-08	8.05E-09	2.48E-09	1.05E-08	1.91E-09	6.34E-10	2.54E-09	1.49E-09	3.05E-10	1.79E-09
6370	624332.53	4266789.3	9.10E-09	3.13E-09	1.22E-08	7.61E-09	2.34E-09	9.95E-09	1.80E-09	6.00E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
6371	624323.6	4266785.42	9.15E-09	3.15E-09	1.23E-08	7.65E-09	2.36E-09	1.00E-08	1.81E-09	6.03E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
6372	624314.67	4266781.54	9.19E-09	3.16E-09	1.24E-08	7.68E-09	2.37E-09	1.01E-08	1.82E-09	6.06E-10	2.43E-09	1.42E-09	2.92E-10	1.71E-09
6373	624305.74	4266777.67	9.23E-09	3.18E-09	1.24E-08	7.72E-09	2.38E-09	1.01E-08	1.83E-09	6.08E-10	2.44E-09	1.42E-09	2.93E-10	1.72E-09
6374	624296.81	4266773.79	9.27E-09	3.19E-09	1.25E-08	7.75E-09	2.39E-09	1.01E-08	1.84E-09	6.11E-10	2.45E-09	1.43E-09	2.94E-10	1.72E-09
6375	624287.88	4266769.91	9.30E-09	3.20E-09	1.25E-08	7.77E-09	2.39E-09	1.02E-08	1.84E-09	6.13E-10	2.45E-09	1.44E-09	2.95E-10	1.73E-09
6376	624278.95	4266766.03	9.32E-09	3.21E-09	1.25E-08	7.79E-09	2.40E-09	1.02E-08	1.84E-09	6.14E-10	2.46E-09	1.44E-09	2.96E-10	1.73E-09
6377	624270.02	4266762.15	9.34E-09	3.21E-09	1.25E-08	7.80E-09	2.40E-09	1.02E-08	1.85E-09	6.15E-10	2.46E-09	1.44E-09	2.96E-10	1.74E-09
6378	624261.09	4266758.28	9.34E-09	3.21E-09	1.26E-08	7.81E-09	2.41E-09	1.02E-08	1.85E-09	6.16E-10	2.47E-09	1.44E-09	2.97E-10	1.74E-09
6379	624252.16	4266754.4	9.35E-09	3.22E-09	1.26E-08	7.82E-09	2.41E-09	1.02E-08	1.85E-09	6.16E-10	2.47E-09	1.44E-09	2.97E-10	1.74E-09
6380	624243.23	4266750.52	9.35E-09	3.22E-09	1.26E-08	7.82E-09	2.41E-09	1.02E-08	1.85E-09	6.16E-10	2.47E-09	1.44E-09	2.97E-10	1.74E-09
6381	624234.31	4266746.64	9.35E-09	3.21E-09	1.26E-08	7.81E-09	2.41E-09	1.02E-08	1.85E-09	6.16E-10	2.47E-09	1.44E-09	2.97E-10	1.74E-09
6382	624225.38	4266742.77	9.33E-09	3.21E-09	1.25E-08	7.80E-09	2.40E-09	1.02E-08	1.85E-09	6.15E-10	2.46E-09	1.44E-09	2.96E-10	1.74E-09
6383	624216.45	4266738.89	9.32E-09	3.20E-09	1.25E-08	7.79E-09	2.40E-09	1.02E-08	1.84E-09	6.14E-10	2.46E-09	1.44E-09	2.96E-10	1.73E-09
6384	624207.52	4266735.01	9.30E-09	3.20E-09	1.25E-08	7.77E-09	2.39E-09	1.02E-08	1.84E-09	6.13E-10	2.45E-09	1.43E-09	2.95E-10	1.73E-09
6385	624198.59	4266731.13	9.28E-09	3.19E-09	1.25E-08	7.75E-09	2.39E-09	1.01E-08	1.84E-09	6.11E-10	2.45E-09	1.43E-09	2.94E-10	1.73E-09
6386	624189.66	4266727.25	9.25E-09	3.18E-09	1.24E-08	7.73E-09	2.38E-09	1.01E-08	1.83E-09	6.10E-10	2.44E-09	1.43E-09	2.94E-10	1.72E-09
6387	624180.73	4266723.38	9.23E-09	3.17E-09	1.24E-08	7.71E-09	2.38E-09	1.01E-08	1.83E-09	6.08E-10	2.43E-09	1.42E-09	2.93E-10	1.72E-09
6388	624171.8	4266719.5	9.20E-09	3.16E-09	1.24E-08	7.69E-09	2.37E-09	1.01E-08	1.82E-09	6.06E-10	2.43E-09	1.42E-09	2.92E-10	1.71E-09
6389	624162.87	4266715.62	9.17E-09	3.15E-09	1.23E-08	7.66E-09	2.36E-09	1.00E-08	1.81E-09	6.04E-10	2.42E-09	1.41E-09	2.91E-10	1.71E-09
6390	624153.94	4266711.74	9.14E-09	3.14E-09	1.23E-08	7.64E-09	2.35E-09	9.99E-09	1.81E-09	6.02E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
6391	624145.02	4266707.87	9.11E-09	3.13E-09	1.22E-08	7.61E-09	2.35E-09	9.96E-09	1.80E-09	6.00E-10	2.40E-09	1.41E-09	2.89E-10	1.69E-09
6392	624136.09	4266703.99	9.08E-09	3.12E-09	1.22E-08	7.59E-09	2.34E-09	9.93E-09	1.80E-09	5.98E-10	2.40E-09	1.40E-09	2.88E-10	1.69E-09
6393	624127.16	4266700.11	9.05E-09	3.11E-09	1.22E-08	7.56E-09	2.33E-09	9.89E-09	1.79E-09	5.96E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
6394	624118.23	4266696.23	9.01E-09	3.10E-09	1.21E-08	7.53E-09	2.32E-09	9.85E-09	1.78E-09	5.94E-10	2.38E-09	1.39E-09	2.86E-10	1.68E-09
6395	624073.58	4266676.84	8.79E-09	3.02E-09	1.18E-08	7.35E-09	2.26E-09	9.61E-09	1.74E-09	5.79E-10	2.32E-09	1.36E-09	2.79E-10	1.64E-09
6396	624064.65	4266672.97	8.73E-09	3.00E-09	1.17E-08	7.30E-09	2.25E-09	9.55E-09	1.73E-09	5.75E-10	2.30E-09	1.35E-09	2.77E-10	1.62E-09
6397	624055.72	4266669.09	8.67E-09	2.98E-09	1.17E-08	7.25E-09	2.23E-09	9.48E-09	1.72E-09	5.71E-10	2.29E-09	1.34E-09	2.75E-10	1.61E-09
6398	624046.8	4266665.21	8.60E-09	2.96E-09	1.16E-08	7.19E-09	2.22E-09	9.41E-09	1.70E-09	5.67E-10	2.27E-09	1.33E-09	2.73E-10	1.60E-09
6399	624037.87	4266661.33	8.53E-09	2.93E-09	1.15E-08	7.13E-09	2.20E-09	9.33E-09	1.69E-09	5.62E-10	2.25E-09	1.32E-09	2.71E-10	1.59E-09
6400	624028.94	4266657.46	8.46E-09	2.91E-09	1.14E-08	7.07E-09	2.18E-09	9.24E-09	1.67E-09	5.57E-10	2.23E-09	1.30E-09	2.68E-10	1.57E-09
6401	624020.01	4266653.58	8.37E-09	2.88E-09	1.13E-08	7.00E-09	2.16E-09	9.15E-09	1.66E-09	5.52E-10	2.21E-09	1.29E-09	2.66E-10	1.56E-09
6402	624011.08	4266649.7	8.29E-09	2.85E-09	1.11E-08	6.93E-09	2.13E-09	9.06E-09	1.64E-09	5.46E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
6403	624002.15	4266645.82	8.20E-09	2.82E-09	1.10E-08	6.85E-09	2.11E-09	8.96E-09	1.62E-09	5.40E-10	2.16E-09	1.26E-09	2.60E-10	1.53E-09
6404	623993.22	4266641.94	8.10E-09	2.79E-09	1.09E-08	6.77E-09	2.09E-09	8.86E-09	1.60E-09	5.34E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
6405	623984.29	4266638.07	8.00E-09	2.75E-09	1.08E-08	6.69E-09	2.06E-09	8.75E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
6406	623975.36	4266634.19	7.90E-09	2.72E-09	1.06E-08	6.60E-09	2.03E-09	8.64E-09	1.56E-09	5.21E-10	2.08E-09	1.22E-09	2.51E-10	1.47E-09
6407	623966.43	4266630.31	7.80E-09	2.68E-09	1.05E-08	6.52E-09	2.01E-09	8.52E-09	1.54E-09	5.14E-10	2.06E-09	1.20E-09	2.47E-10	1.45E-09
6408	623957.51	4266626.43	7.69E-09	2.64E-09	1.03E-08	6.43E-09	1.98E-09	8.41E-09	1.52E-09	5.07E-10	2.03E-09	1.19E-09	2.44E-10	1.43E-09
6409	623948.58	4266622.56	7.58E-09	2.61E-09	1.02E-08	6.34E-09	1.95E-09	8.29E-09	1.50E-09	5.00E-10	2.00E-09	1.17E-09	2.41E-10	1.41E-09
6410	623939.65	4266618.68	7.48E-09	2.57E-09	1.00E-08	6.25E-09	1.93E-09	8.18E-09	1.48E-09	4.93E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
6411	623930.72	4266614.8	7.37E-09	2.53E-09	9.90E-09	6.16E-09	1.90E-09	8.06E-09	1.46E-09	4.86E-10	1.94E-09	1.14E-09	2.34E-10	1.37E-09
6412	623921.79	4266610.92	7.26E-09	2.50E-09	9.76E-09	6.07E-09	1.87E-09	7.94E-09	1.44E-09	4.79E-10	1.92E-09	1.12E-09	2.30E-10	1.35E-09
6413	623912.86	4266607.04	7.16E-09	2.46E-09	9.62E-09	5.98E-09	1.84E-09	7.82E-09	1.42E-09	4.71E-10	1.89E-09	1.10E-09	2.27E-10	1.33E-09

6414	623903.93	4266603.17	7.05E-09	2.42E-09	9.47E-09	5.89E-09	1.82E-09	7.71E-09	1.40E-09	4.65E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
6415	623895	4266599.29	6.95E-09	2.39E-09	9.33E-09	5.81E-09	1.79E-09	7.59E-09	1.37E-09	4.58E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6416	623882.49	4266586.36	6.83E-09	2.35E-09	9.18E-09	5.71E-09	1.76E-09	7.47E-09	1.35E-09	4.50E-10	1.80E-09	1.05E-09	2.17E-10	1.27E-09
6417	623878.9	4266577.31	6.82E-09	2.34E-09	9.16E-09	5.70E-09	1.75E-09	7.45E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
6418	623875.31	4266568.26	6.80E-09	2.34E-09	9.14E-09	5.69E-09	1.75E-09	7.44E-09	1.35E-09	4.48E-10	1.79E-09	1.05E-09	2.16E-10	1.27E-09
6419	623871.72	4266559.21	6.79E-09	2.33E-09	9.12E-09	5.67E-09	1.75E-09	7.42E-09	1.34E-09	4.47E-10	1.79E-09	1.05E-09	2.15E-10	1.26E-09
6420	623868.14	4266550.16	6.77E-09	2.33E-09	9.10E-09	5.66E-09	1.74E-09	7.41E-09	1.34E-09	4.46E-10	1.79E-09	1.05E-09	2.15E-10	1.26E-09
6421	623864.55	4266541.11	6.76E-09	2.32E-09	9.09E-09	5.65E-09	1.74E-09	7.39E-09	1.34E-09	4.45E-10	1.78E-09	1.04E-09	2.15E-10	1.26E-09
6422	623860.96	4266532.06	6.75E-09	2.32E-09	9.07E-09	5.64E-09	1.74E-09	7.38E-09	1.34E-09	4.44E-10	1.78E-09	1.04E-09	2.14E-10	1.26E-09
6423	623857.38	4266523.01	6.73E-09	2.32E-09	9.05E-09	5.63E-09	1.73E-09	7.36E-09	1.33E-09	4.44E-10	1.78E-09	1.04E-09	2.14E-10	1.25E-09
6424	623853.79	4266513.96	6.72E-09	2.31E-09	9.03E-09	5.62E-09	1.73E-09	7.35E-09	1.33E-09	4.43E-10	1.77E-09	1.04E-09	2.13E-10	1.25E-09
6425	623850.2	4266504.91	6.71E-09	2.31E-09	9.01E-09	5.61E-09	1.73E-09	7.33E-09	1.33E-09	4.42E-10	1.77E-09	1.03E-09	2.13E-10	1.25E-09
6426	623846.61	4266495.86	6.69E-09	2.30E-09	9.00E-09	5.60E-09	1.72E-09	7.32E-09	1.32E-09	4.41E-10	1.77E-09	1.03E-09	2.12E-10	1.25E-09
6427	623843.03	4266486.82	6.68E-09	2.30E-09	8.98E-09	5.59E-09	1.72E-09	7.31E-09	1.32E-09	4.40E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
6428	623839.44	4266477.77	6.67E-09	2.29E-09	8.97E-09	5.58E-09	1.72E-09	7.29E-09	1.32E-09	4.40E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
6429	623835.85	4266468.72	6.66E-09	2.29E-09	8.95E-09	5.57E-09	1.72E-09	7.28E-09	1.32E-09	4.39E-10	1.76E-09	1.03E-09	2.11E-10	1.24E-09
6430	623832.27	4266459.67	6.65E-09	2.29E-09	8.94E-09	5.56E-09	1.71E-09	7.28E-09	1.32E-09	4.38E-10	1.76E-09	1.03E-09	2.11E-10	1.24E-09
6431	623828.68	4266450.62	6.65E-09	2.29E-09	8.93E-09	5.56E-09	1.71E-09	7.27E-09	1.32E-09	4.38E-10	1.75E-09	1.03E-09	2.11E-10	1.24E-09
6432	623825.09	4266441.57	6.64E-09	2.28E-09	8.93E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.38E-10	1.75E-09	1.02E-09	2.11E-10	1.24E-09
6433	623821.5	4266432.52	6.64E-09	2.28E-09	8.92E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.37E-10	1.75E-09	1.02E-09	2.11E-10	1.24E-09
6434	623817.92	4266423.47	6.64E-09	2.28E-09	8.92E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.37E-10	1.75E-09	1.02E-09	2.11E-10	1.23E-09
6435	623814.33	4266414.42	6.64E-09	2.28E-09	8.92E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.37E-10	1.75E-09	1.02E-09	2.11E-10	1.23E-09
6436	623810.74	4266405.37	6.64E-09	2.28E-09	8.92E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.37E-10	1.75E-09	1.02E-09	2.11E-10	1.23E-09
6437	623807.16	4266396.32	6.64E-09	2.28E-09	8.92E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.37E-10	1.75E-09	1.02E-09	2.11E-10	1.24E-09
6438	623803.57	4266387.27	6.64E-09	2.28E-09	8.92E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.38E-10	1.75E-09	1.02E-09	2.11E-10	1.24E-09
6439	623799.98	4266378.22	6.64E-09	2.28E-09	8.93E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.38E-10	1.75E-09	1.03E-09	2.11E-10	1.24E-09
6440	623796.39	4266369.17	6.65E-09	2.29E-09	8.93E-09	5.55E-09	1.71E-09	7.27E-09	1.32E-09	4.38E-10	1.75E-09	1.03E-09	2.11E-10	1.24E-09
6441	623792.81	4266360.12	6.65E-09	2.29E-09	8.93E-09	5.56E-09	1.71E-09	7.27E-09	1.32E-09	4.38E-10	1.75E-09	1.03E-09	2.11E-10	1.24E-09
6442	623789.22	4266351.07	6.65E-09	2.29E-09	8.93E-09	5.56E-09	1.71E-09	7.27E-09	1.32E-09	4.38E-10	1.75E-09	1.03E-09	2.11E-10	1.24E-09
6443	623785.63	4266342.02	6.64E-09	2.28E-09	8.93E-09	5.55E-09	1.71E-09	7.26E-09	1.32E-09	4.38E-10	1.75E-09	1.03E-09	2.11E-10	1.24E-09
6444	623782.05	4266332.97	6.64E-09	2.28E-09	8.92E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.38E-10	1.75E-09	1.02E-09	2.11E-10	1.24E-09
6445	623778.46	4266323.92	6.63E-09	2.28E-09	8.92E-09	5.55E-09	1.71E-09	7.25E-09	1.31E-09	4.37E-10	1.75E-09	1.02E-09	2.11E-10	1.23E-09
6446	623774.87	4266314.87	6.62E-09	2.28E-09	8.90E-09	5.54E-09	1.71E-09	7.24E-09	1.31E-09	4.36E-10	1.75E-09	1.02E-09	2.10E-10	1.23E-09
6447	623771.28	4266305.82	6.61E-09	2.27E-09	8.88E-09	5.52E-09	1.70E-09	7.22E-09	1.31E-09	4.35E-10	1.74E-09	1.02E-09	2.10E-10	1.23E-09
6448	623767.7	4266296.77	6.59E-09	2.27E-09	8.86E-09	5.51E-09	1.70E-09	7.20E-09	1.30E-09	4.34E-10	1.74E-09	1.02E-09	2.09E-10	1.23E-09
6449	623764.11	4266287.72	6.57E-09	2.26E-09	8.82E-09	5.49E-09	1.69E-09	7.18E-09	1.30E-09	4.33E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
6450	623760.52	4266278.67	6.54E-09	2.25E-09	8.79E-09	5.46E-09	1.68E-09	7.15E-09	1.29E-09	4.31E-10	1.72E-09	1.01E-09	2.07E-10	1.22E-09
6451	623756.94	4266269.62	6.51E-09	2.24E-09	8.74E-09	5.44E-09	1.68E-09	7.11E-09	1.29E-09	4.29E-10	1.72E-09	1.00E-09	2.06E-10	1.21E-09
6452	623753.35	4266260.57	6.47E-09	2.22E-09	8.69E-09	5.41E-09	1.67E-09	7.07E-09	1.28E-09	4.26E-10	1.71E-09	9.98E-10	2.05E-10	1.20E-09
6453	623749.76	4266251.52	6.43E-09	2.21E-09	8.64E-09	5.37E-09	1.66E-09	7.03E-09	1.27E-09	4.24E-10	1.70E-09	9.92E-10	2.04E-10	1.20E-09
6454	623746.17	4266242.47	6.39E-09	2.20E-09	8.58E-09	5.34E-09	1.64E-09	6.98E-09	1.26E-09	4.21E-10	1.68E-09	9.85E-10	2.03E-10	1.19E-09
6455	623742.59	4266233.42	6.34E-09	2.18E-09	8.52E-09	5.30E-09	1.63E-09	6.93E-09	1.26E-09	4.18E-10	1.67E-09	9.78E-10	2.01E-10	1.18E-09
6456	623739	4266224.37	6.29E-09	2.16E-09	8.46E-09	5.26E-09	1.62E-09	6.88E-09	1.25E-09	4.15E-10	1.66E-09	9.71E-10	2.00E-10	1.17E-09
6457	623735.41	4266215.32	6.25E-09	2.15E-09	8.40E-09	5.22E-09	1.61E-09	6.83E-09	1.24E-09	4.12E-10	1.65E-09	9.64E-10	1.98E-10	1.16E-09
6458	623731.83	4266206.27	6.20E-09	2.13E-09	8.33E-09	5.18E-09	1.60E-09	6.78E-09	1.23E-09	4.08E-10	1.64E-09	9.57E-10	1.97E-10	1.15E-09
6459	623728.24	4266197.22	6.15E-09	2.12E-09	8.27E-09	5.14E-09	1.58E-09	6.73E-09	1.22E-09	4.05E-10	1.62E-09	9.49E-10	1.95E-10	1.14E-09
6460	623724.65	4266188.17	6.10E-09	2.10E-09	8.20E-09	5.10E-09	1.57E-09	6.67E-09	1.21E-09	4.02E-10	1.61E-09	9.41E-10	1.94E-10	1.14E-09
6461	623721.06	4266179.13	6.05E-09	2.08E-09	8.13E-09	5.06E-09	1.56E-09	6.62E-09	1.20E-09	3.99E-10	1.60E-09	9.34E-10	1.92E-10	1.13E-09
6462	623717.48	4266170.08	6.00E-09	2.06E-09	8.07E-09	5.02E-09	1.55E-09	6.56E-09	1.19E-09	3.95E-10	1.58E-09	9.26E-10	1.90E-10	1.12E-09
6463	623713.89	4266161.03	5.95E-09	2.05E-09	8.00E-09	4.98E-09	1.53E-09	6.51E-09	1.18E-09	3.92E-10	1.57E-09	9.19E-10	1.89E-10	1.11E-09
6464	623710.3	4266151.98	5.91E-09	2.03E-09	7.94E-09	4.94E-09	1.52E-09	6.46E-09	1.17E-09	3.89E-10	1.56E-09	9.12E-10	1.87E-10	1.10E-09
6465	624341.45	4266793.18	9.05E-09	3.11E-09	1.22E-08	7.56E-09	2.33E-09	9.89E-09	1.79E-09	5.96E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
6466	624351.34	4266793.35	9.06E-09	3.12E-09	1.22E-08	7.57E-09	2.33E-09	9.91E-09	1.79E-09	5.97E-10	2.39E-09	1.40E-09	2.88E-10	1.69E-09
6467	624361.23	4266793.53	9.07E-09	3.12E-09	1.22E-08	7.58E-09	2.34E-09	9.92E-09	1.80E-09	5.98E-10	2.39E-09	1.40E-09	2.88E-10	1.69E-09
6468	624371.12	4266793.71	9.08E-09	3.12E-09	1.22E-08	7.59E-09	2.34E-09	9.93E-09	1.80E-09	5.98E-10	2.40E-09	1.40E-09	2.88E-10	1.69E-09
6469	624381.01	4266793.88	9.09E-09	3.12E-09	1.22E-08	7.59E-09	2.34E-09	9.93E-09	1.80E-09	5.99E-10	2.40E-09	1.40E-09	2.88E-10	1.69E-09
6470	624390.9	4266794.06	9.09E-09	3.13E-09	1.22E-08	7.60E-09	2.34E-09	9.94E-09	1.80E-09	5.99E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
6471	624400.79	4266794.24	9.10E-09	3.13E-09	1.22E-08	7.60E-09	2.34E-09	9.94E-09	1.80E-09	5.99E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
6472	624410.68	4266794.41	9.10E-09	3.13E-09	1.22E-08	7.60E-09	2.34E-09	9.95E-09	1.80E-09	5.99E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
6473	624420.57	4266794.59	9.10E-09	3.13E-09	1.22E-08	7.61E-09	2.34E-09	9.95E-09	1.80E-09	6.00E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
6474	624430.46	4266794.77	9.10E-09	3.13E-09	1.22E-08	7.61E-09	2.34E-09	9.95E-09	1.80E-09	6.00E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
6475	624440.35	4266794.94	9.10E-09	3.13E-09	1.22E-08	7.61E-09	2.34E-09	9.95E-09	1.80E-09	6.00E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
6476	624450.24	4266795.12	9.10E-09	3.13E-09	1.22E-08	7.61E-09	2.34E-09	9.95E-09	1.80E-09	6.00E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
6477	624460.12	4266795.3	9.11E-09	3.13E-09	1.22E-08	7.61E-09	2.34E-09	9.96E-09	1.80E-09	6.00E-10	2.40E-09	1.41E-09	2.89E-10	1.69E-09
6478	624470.01	4266795.47	9.11E-09	3.13E-09	1.22E-08	7.61E-09	2.35E-09	9.96E-09	1.80E-09	6.00E-10	2.40E-09	1.41E-09	2.89E-10	1.69E-09
6479	624479.9	4266795.65	9.11E-09	3.13E-09	1.22E-08	7.62E-09	2.35E-09	9.96E-09	1.80E-09	6.00E-10	2.40E-09	1.41E-09	2.89E-10	1.70E-09
6480	624489.79	4266795.83	9.12E-09	3.14E-09	1.23E-08	7.62E-09	2.35E-09	9.97E-09	1.81E-09	6.01E-10	2.41E-09	1.41E-09	2.89E-10	1.70E-09
6481	624499.68	4266796	9.13E-09	3.14E-09	1.23E-08	7.63E-09	2.35E-09	9.98E-09	1.81E-09	6.01E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
6482	624509.57	4266796.18	9.13E-09	3.14E-09	1.23E-08	7.63E-09	2.35E-09	9.99E-09	1.81E-09	6.02E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09

6483	624519.46	4266796.36	9.14E-09	3.14E-09	1.23E-08	7.64E-09	2.35E-09	1.00E-08	1.81E-09	6.02E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
6484	624529.35	4266796.53	9.15E-09	3.15E-09	1.23E-08	7.65E-09	2.36E-09	1.00E-08	1.81E-09	6.03E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
6485	624539.24	4266796.71	9.16E-09	3.15E-09	1.23E-08	7.66E-09	2.36E-09	1.00E-08	1.81E-09	6.04E-10	2.42E-09	1.41E-09	2.91E-10	1.70E-09
6486	624549.13	4266796.88	9.17E-09	3.15E-09	1.23E-08	7.67E-09	2.36E-09	1.00E-08	1.82E-09	6.04E-10	2.42E-09	1.42E-09	2.91E-10	1.71E-09
6487	624559.02	4266797.06	9.18E-09	3.16E-09	1.23E-08	7.67E-09	2.36E-09	1.00E-08	1.82E-09	6.05E-10	2.42E-09	1.42E-09	2.91E-10	1.71E-09
6488	624568.91	4266797.24	9.18E-09	3.16E-09	1.23E-08	7.68E-09	2.36E-09	1.00E-08	1.82E-09	6.05E-10	2.42E-09	1.42E-09	2.91E-10	1.71E-09
6489	624578.8	4266797.41	9.19E-09	3.16E-09	1.23E-08	7.68E-09	2.37E-09	1.00E-08	1.82E-09	6.05E-10	2.42E-09	1.42E-09	2.92E-10	1.71E-09
6490	624588.68	4266797.59	9.19E-09	3.16E-09	1.23E-08	7.68E-09	2.37E-09	1.00E-08	1.82E-09	6.05E-10	2.42E-09	1.42E-09	2.92E-10	1.71E-09
6491	624598.57	4266797.77	9.18E-09	3.16E-09	1.23E-08	7.67E-09	2.36E-09	1.00E-08	1.82E-09	6.05E-10	2.42E-09	1.42E-09	2.91E-10	1.71E-09
6492	624608.46	4266797.94	9.17E-09	3.15E-09	1.23E-08	7.67E-09	2.36E-09	1.00E-08	1.82E-09	6.04E-10	2.42E-09	1.42E-09	2.91E-10	1.71E-09
6493	624618.35	4266798.12	9.16E-09	3.15E-09	1.23E-08	7.66E-09	2.36E-09	1.00E-08	1.81E-09	6.04E-10	2.42E-09	1.41E-09	2.91E-10	1.70E-09
6494	624628.24	4266798.3	9.15E-09	3.14E-09	1.23E-08	7.64E-09	2.35E-09	1.00E-08	1.81E-09	6.03E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
6495	624638.13	4266798.47	9.13E-09	3.14E-09	1.23E-08	7.63E-09	2.35E-09	9.98E-09	1.81E-09	6.01E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
6496	624648.02	4266798.65	9.10E-09	3.13E-09	1.22E-08	7.61E-09	2.34E-09	9.95E-09	1.80E-09	6.00E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
6497	624657.91	4266798.83	9.08E-09	3.12E-09	1.22E-08	7.59E-09	2.34E-09	9.93E-09	1.80E-09	5.98E-10	2.40E-09	1.40E-09	2.88E-10	1.69E-09
6498	624667.8	4266799	9.05E-09	3.11E-09	1.22E-08	7.57E-09	2.33E-09	9.90E-09	1.79E-09	5.96E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
6499	624677.69	4266799.18	9.03E-09	3.10E-09	1.21E-08	7.54E-09	2.32E-09	9.87E-09	1.79E-09	5.95E-10	2.38E-09	1.39E-09	2.86E-10	1.68E-09
6500	624687.58	4266799.36	9.00E-09	3.09E-09	1.21E-08	7.52E-09	2.32E-09	9.84E-09	1.78E-09	5.93E-10	2.37E-09	1.39E-09	2.86E-10	1.67E-09
6501	624697.47	4266799.53	8.97E-09	3.09E-09	1.21E-08	7.50E-09	2.31E-09	9.81E-09	1.78E-09	5.91E-10	2.37E-09	1.38E-09	2.85E-10	1.67E-09
6502	624707.35	4266799.71	8.95E-09	3.08E-09	1.20E-08	7.48E-09	2.30E-09	9.78E-09	1.77E-09	5.90E-10	2.36E-09	1.38E-09	2.84E-10	1.66E-09
6503	624717.24	4266799.89	8.92E-09	3.07E-09	1.20E-08	7.46E-09	2.30E-09	9.76E-09	1.77E-09	5.88E-10	2.35E-09	1.38E-09	2.83E-10	1.66E-09
6504	624727.13	4266800.06	8.90E-09	3.06E-09	1.20E-08	7.44E-09	2.29E-09	9.73E-09	1.76E-09	5.86E-10	2.35E-09	1.37E-09	2.82E-10	1.66E-09
6505	624737.02	4266800.24	8.88E-09	3.05E-09	1.19E-08	7.42E-09	2.29E-09	9.71E-09	1.76E-09	5.85E-10	2.34E-09	1.37E-09	2.82E-10	1.65E-09
6506	624746.91	4266800.42	8.86E-09	3.05E-09	1.19E-08	7.41E-09	2.28E-09	9.69E-09	1.75E-09	5.84E-10	2.34E-09	1.37E-09	2.81E-10	1.65E-09
6507	624756.8	4266800.59	8.84E-09	3.04E-09	1.19E-08	7.39E-09	2.28E-09	9.67E-09	1.75E-09	5.83E-10	2.33E-09	1.36E-09	2.81E-10	1.65E-09
6508	624766.69	4266800.77	8.83E-09	3.04E-09	1.19E-08	7.38E-09	2.27E-09	9.65E-09	1.75E-09	5.82E-10	2.33E-09	1.36E-09	2.80E-10	1.64E-09
6509	624776.58	4266800.95	8.81E-09	3.03E-09	1.18E-08	7.36E-09	2.27E-09	9.63E-09	1.74E-09	5.80E-10	2.32E-09	1.36E-09	2.80E-10	1.64E-09
6510	624786.47	4266801.12	8.79E-09	3.02E-09	1.18E-08	7.35E-09	2.26E-09	9.61E-09	1.74E-09	5.79E-10	2.32E-09	1.36E-09	2.79E-10	1.64E-09
6511	624796.36	4266801.3	8.77E-09	3.02E-09	1.18E-08	7.33E-09	2.26E-09	9.59E-09	1.74E-09	5.78E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
6512	624806.25	4266801.48	8.75E-09	3.01E-09	1.18E-08	7.31E-09	2.25E-09	9.56E-09	1.73E-09	5.76E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
6513	624816.14	4266801.65	8.72E-09	3.00E-09	1.17E-08	7.29E-09	2.25E-09	9.54E-09	1.73E-09	5.75E-10	2.30E-09	1.35E-09	2.77E-10	1.62E-09
6514	624826.03	4266801.83	8.69E-09	2.99E-09	1.17E-08	7.27E-09	2.24E-09	9.51E-09	1.72E-09	5.73E-10	2.29E-09	1.34E-09	2.76E-10	1.62E-09
6515	624835.91	4266802.01	8.67E-09	2.98E-09	1.16E-08	7.24E-09	2.23E-09	9.48E-09	1.72E-09	5.71E-10	2.29E-09	1.34E-09	2.75E-10	1.61E-09
6516	624331.64	4266839.3	8.28E-09	2.85E-09	1.11E-08	6.92E-09	2.13E-09	9.06E-09	1.64E-09	5.46E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
6517	624322.73	4266835.42	8.33E-09	2.86E-09	1.12E-08	6.96E-09	2.14E-09	9.11E-09	1.65E-09	5.49E-10	2.20E-09	1.29E-09	2.64E-10	1.55E-09
6518	624313.81	4266831.55	8.37E-09	2.88E-09	1.13E-08	7.00E-09	2.16E-09	9.16E-09	1.66E-09	5.52E-10	2.21E-09	1.29E-09	2.66E-10	1.56E-09
6519	624304.9	4266827.68	8.41E-09	2.89E-09	1.13E-08	7.03E-09	2.17E-09	9.20E-09	1.67E-09	5.54E-10	2.22E-09	1.30E-09	2.67E-10	1.57E-09
6520	624295.98	4266823.81	8.45E-09	2.91E-09	1.14E-08	7.06E-09	2.18E-09	9.24E-09	1.67E-09	5.57E-10	2.23E-09	1.30E-09	2.68E-10	1.57E-09
6521	624287.06	4266819.93	8.49E-09	2.92E-09	1.14E-08	7.09E-09	2.18E-09	9.28E-09	1.68E-09	5.59E-10	2.24E-09	1.31E-09	2.69E-10	1.58E-09
6522	624278.15	4266816.06	8.51E-09	2.93E-09	1.14E-08	7.12E-09	2.19E-09	9.31E-09	1.69E-09	5.61E-10	2.25E-09	1.31E-09	2.70E-10	1.58E-09
6523	624269.23	4266812.19	8.54E-09	2.94E-09	1.15E-08	7.14E-09	2.20E-09	9.33E-09	1.69E-09	5.63E-10	2.25E-09	1.32E-09	2.71E-10	1.59E-09
6524	624260.31	4266808.32	8.56E-09	2.94E-09	1.15E-08	7.15E-09	2.20E-09	9.35E-09	1.69E-09	5.64E-10	2.26E-09	1.32E-09	2.72E-10	1.59E-09
6525	624251.4	4266804.45	8.57E-09	2.95E-09	1.15E-08	7.16E-09	2.21E-09	9.36E-09	1.70E-09	5.64E-10	2.26E-09	1.32E-09	2.72E-10	1.59E-09
6526	624242.48	4266800.57	8.57E-09	2.95E-09	1.15E-08	7.16E-09	2.21E-09	9.37E-09	1.70E-09	5.65E-10	2.26E-09	1.32E-09	2.72E-10	1.59E-09
6527	624233.56	4266796.7	8.57E-09	2.95E-09	1.15E-08	7.16E-09	2.21E-09	9.37E-09	1.70E-09	5.65E-10	2.26E-09	1.32E-09	2.72E-10	1.59E-09
6528	624224.65	4266792.83	8.57E-09	2.95E-09	1.15E-08	7.16E-09	2.21E-09	9.37E-09	1.70E-09	5.65E-10	2.26E-09	1.32E-09	2.72E-10	1.59E-09
6529	624215.73	4266788.96	8.56E-09	2.94E-09	1.15E-08	7.16E-09	2.20E-09	9.36E-09	1.70E-09	5.64E-10	2.26E-09	1.32E-09	2.72E-10	1.59E-09
6530	624206.81	4266785.08	8.55E-09	2.94E-09	1.15E-08	7.15E-09	2.20E-09	9.35E-09	1.69E-09	5.64E-10	2.26E-09	1.32E-09	2.71E-10	1.59E-09
6531	624197.9	4266781.21	8.54E-09	2.94E-09	1.15E-08	7.14E-09	2.20E-09	9.34E-09	1.69E-09	5.63E-10	2.25E-09	1.32E-09	2.71E-10	1.59E-09
6532	624188.98	4266777.34	8.53E-09	2.93E-09	1.15E-08	7.13E-09	2.20E-09	9.32E-09	1.69E-09	5.62E-10	2.25E-09	1.32E-09	2.71E-10	1.59E-09
6533	624180.06	4266773.47	8.51E-09	2.93E-09	1.14E-08	7.11E-09	2.19E-09	9.30E-09	1.68E-09	5.61E-10	2.24E-09	1.31E-09	2.70E-10	1.58E-09
6534	624171.15	4266769.59	8.49E-09	2.92E-09	1.14E-08	7.10E-09	2.19E-09	9.28E-09	1.68E-09	5.59E-10	2.24E-09	1.31E-09	2.69E-10	1.58E-09
6535	624162.23	4266765.72	8.47E-09	2.91E-09	1.14E-08	7.08E-09	2.18E-09	9.26E-09	1.68E-09	5.58E-10	2.23E-09	1.31E-09	2.69E-10	1.58E-09
6536	624153.31	4266761.85	8.45E-09	2.91E-09	1.14E-08	7.06E-09	2.18E-09	9.24E-09	1.67E-09	5.57E-10	2.23E-09	1.30E-09	2.68E-10	1.57E-09
6537	624144.4	4266757.98	8.43E-09	2.90E-09	1.13E-08	7.04E-09	2.17E-09	9.21E-09	1.67E-09	5.55E-10	2.22E-09	1.30E-09	2.67E-10	1.57E-09
6538	624135.48	4266754.11	8.41E-09	2.89E-09	1.13E-08	7.03E-09	2.16E-09	9.19E-09	1.66E-09	5.54E-10	2.22E-09	1.30E-09	2.67E-10	1.56E-09
6539	624126.56	4266750.23	8.39E-09	2.88E-09	1.13E-08	7.01E-09	2.16E-09	9.17E-09	1.66E-09	5.52E-10	2.21E-09	1.29E-09	2.66E-10	1.56E-09
6540	624117.65	4266746.36	8.36E-09	2.88E-09	1.12E-08	6.99E-09	2.15E-09	9.14E-09	1.66E-09	5.51E-10	2.21E-09	1.29E-09	2.65E-10	1.56E-09
6541	624073.06	4266727	8.22E-09	2.83E-09	1.10E-08	6.87E-09	2.12E-09	8.99E-09	1.63E-09	5.42E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
6542	624064.15	4266723.13	8.18E-09	2.81E-09	1.10E-08	6.84E-09	2.11E-09	8.95E-09	1.62E-09	5.39E-10	2.16E-09	1.26E-09	2.60E-10	1.52E-09
6543	624055.23	4266719.25	8.14E-09	2.80E-09	1.09E-08	6.81E-09	2.10E-09	8.90E-09	1.61E-09	5.36E-10	2.15E-09	1.26E-09	2.58E-10	1.51E-09
6544	624046.32	4266715.38	8.10E-09	2.78E-09	1.09E-08	6.77E-09	2.08E-09	8.85E-09	1.60E-09	5.33E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
6545	624037.4	4266711.51	8.04E-09	2.77E-09	1.08E-08	6.72E-09	2.07E-09	8.80E-09	1.59E-09	5.30E-10	2.12E-09	1.24E-09	2.55E-10	1.50E-09
6546	624028.48	4266707.64	7.99E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.26E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
6547	624019.57	4266703.76	7.93E-09	2.73E-09	1.07E-08	6.63E-09	2.04E-09	8.67E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.52E-10	1.48E-09
6548	624010.65	4266699.89	7.86E-09	2.70E-09	1.06E-08	6.57E-09	2.02E-09	8.60E-09	1.56E-09	5.18E-10	2.07E-09	1.21E-09	2.50E-10	1.46E-09
6549	624001.73	4266696.02	7.79E-09	2.68E-09	1.05E-08	6.51E-09	2.01E-09	8.52E-09	1.54E-09	5.13E-10	2.06E-09	1.20E-09	2.47E-10	1.45E-09
6550	623992.82	4266692.15	7.72E-09	2.65E-09	1.04E-08	6.45E-09	1.99E-09	8.44E-09	1.53E-09	5.08E-10	2.04E-09	1.19E-09	2.45E-10	1.44E-09
6551	623983.9	4266688.28	7.64E-09	2.63E-09	1.03E-08	6.39E-09	1.97E-09	8.35E-09	1.51E-09	5.03E-10	2.02E-09	1.18E-09	2.42E-10	1.42E-09

6552	623974.98	4266684.4	7.56E-09	2.60E-09	1.02E-08	6.32E-09	1.95E-09	8.27E-09	1.50E-09	4.98E-10	1.99E-09	1.17E-09	2.40E-10	1.41E-09
6553	623966.07	4266680.53	7.48E-09	2.57E-09	1.00E-08	6.25E-09	1.93E-09	8.18E-09	1.48E-09	4.93E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
6554	623957.15	4266676.66	7.39E-09	2.54E-09	9.93E-09	6.18E-09	1.90E-09	8.08E-09	1.46E-09	4.87E-10	1.95E-09	1.14E-09	2.35E-10	1.38E-09
6555	623948.23	4266672.79	7.30E-09	2.51E-09	9.81E-09	6.10E-09	1.88E-09	7.98E-09	1.45E-09	4.81E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
6556	623939.32	4266668.91	7.21E-09	2.48E-09	9.69E-09	6.03E-09	1.86E-09	7.89E-09	1.43E-09	4.75E-10	1.90E-09	1.11E-09	2.29E-10	1.34E-09
6557	623930.4	4266665.04	7.12E-09	2.45E-09	9.57E-09	5.95E-09	1.83E-09	7.79E-09	1.41E-09	4.69E-10	1.88E-09	1.10E-09	2.26E-10	1.32E-09
6558	623921.48	4266661.17	7.03E-09	2.42E-09	9.44E-09	5.87E-09	1.81E-09	7.68E-09	1.39E-09	4.63E-10	1.85E-09	1.08E-09	2.23E-10	1.31E-09
6559	623912.57	4266657.3	6.93E-09	2.38E-09	9.32E-09	5.79E-09	1.78E-09	7.58E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6560	623903.65	4266653.42	6.84E-09	2.35E-09	9.19E-09	5.72E-09	1.76E-09	7.48E-09	1.35E-09	4.50E-10	1.80E-09	1.06E-09	2.17E-10	1.27E-09
6561	623894.73	4266649.55	6.74E-09	2.32E-09	9.06E-09	5.64E-09	1.74E-09	7.37E-09	1.33E-09	4.44E-10	1.78E-09	1.04E-09	2.14E-10	1.25E-09
6562	623885.82	4266645.68	6.65E-09	2.29E-09	8.93E-09	5.56E-09	1.71E-09	7.27E-09	1.32E-09	4.38E-10	1.75E-09	1.03E-09	2.11E-10	1.24E-09
6563	623876.9	4266641.81	6.55E-09	2.25E-09	8.81E-09	5.48E-09	1.69E-09	7.17E-09	1.30E-09	4.32E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
6564	623867.98	4266637.94	6.46E-09	2.22E-09	8.68E-09	5.40E-09	1.66E-09	7.06E-09	1.28E-09	4.26E-10	1.70E-09	9.97E-10	2.05E-10	1.20E-09
6565	623859.07	4266634.06	6.37E-09	2.19E-09	8.56E-09	5.32E-09	1.64E-09	6.96E-09	1.26E-09	4.20E-10	1.68E-09	9.83E-10	2.02E-10	1.18E-09
6566	623846.57	4266621.15	6.27E-09	2.15E-09	8.42E-09	5.24E-09	1.61E-09	6.85E-09	1.24E-09	4.13E-10	1.65E-09	9.67E-10	1.99E-10	1.17E-09
6567	623842.99	4266612.12	6.25E-09	2.15E-09	8.41E-09	5.23E-09	1.61E-09	6.84E-09	1.24E-09	4.12E-10	1.65E-09	9.65E-10	1.98E-10	1.16E-09
6568	623839.4	4266603.08	6.24E-09	2.15E-09	8.39E-09	5.22E-09	1.61E-09	6.82E-09	1.24E-09	4.11E-10	1.65E-09	9.63E-10	1.98E-10	1.16E-09
6569	623835.82	4266594.04	6.23E-09	2.14E-09	8.37E-09	5.21E-09	1.60E-09	6.81E-09	1.23E-09	4.10E-10	1.64E-09	9.61E-10	1.98E-10	1.16E-09
6570	623832.24	4266585.01	6.22E-09	2.14E-09	8.35E-09	5.20E-09	1.60E-09	6.80E-09	1.23E-09	4.10E-10	1.64E-09	9.59E-10	1.97E-10	1.16E-09
6571	623828.66	4266575.97	6.20E-09	2.13E-09	8.34E-09	5.18E-09	1.60E-09	6.78E-09	1.23E-09	4.09E-10	1.64E-09	9.57E-10	1.97E-10	1.15E-09
6572	623825.08	4266566.93	6.19E-09	2.13E-09	8.32E-09	5.17E-09	1.59E-09	6.77E-09	1.23E-09	4.08E-10	1.63E-09	9.55E-10	1.96E-10	1.15E-09
6573	623821.49	4266557.89	6.18E-09	2.12E-09	8.30E-09	5.16E-09	1.59E-09	6.75E-09	1.22E-09	4.07E-10	1.63E-09	9.53E-10	1.96E-10	1.15E-09
6574	623817.91	4266548.86	6.17E-09	2.12E-09	8.29E-09	5.15E-09	1.59E-09	6.74E-09	1.22E-09	4.06E-10	1.63E-09	9.51E-10	1.96E-10	1.15E-09
6575	623814.33	4266539.82	6.15E-09	2.12E-09	8.27E-09	5.14E-09	1.58E-09	6.73E-09	1.22E-09	4.05E-10	1.62E-09	9.50E-10	1.95E-10	1.14E-09
6576	623810.75	4266530.78	6.14E-09	2.11E-09	8.25E-09	5.13E-09	1.58E-09	6.72E-09	1.22E-09	4.05E-10	1.62E-09	9.48E-10	1.95E-10	1.14E-09
6577	623807.17	4266521.75	6.13E-09	2.11E-09	8.24E-09	5.12E-09	1.58E-09	6.70E-09	1.21E-09	4.04E-10	1.62E-09	9.46E-10	1.95E-10	1.14E-09
6578	623803.58	4266512.71	6.12E-09	2.10E-09	8.23E-09	5.12E-09	1.58E-09	6.69E-09	1.21E-09	4.03E-10	1.61E-09	9.44E-10	1.94E-10	1.14E-09
6579	623800	4266503.67	6.11E-09	2.10E-09	8.21E-09	5.11E-09	1.57E-09	6.68E-09	1.21E-09	4.03E-10	1.61E-09	9.43E-10	1.94E-10	1.14E-09
6580	623796.42	4266494.64	6.10E-09	2.10E-09	8.20E-09	5.10E-09	1.57E-09	6.67E-09	1.21E-09	4.02E-10	1.61E-09	9.42E-10	1.94E-10	1.14E-09
6581	623792.84	4266485.6	6.10E-09	2.10E-09	8.19E-09	5.10E-09	1.57E-09	6.67E-09	1.21E-09	4.02E-10	1.61E-09	9.41E-10	1.93E-10	1.13E-09
6582	623789.25	4266476.56	6.09E-09	2.09E-09	8.19E-09	5.09E-09	1.57E-09	6.66E-09	1.21E-09	4.01E-10	1.61E-09	9.40E-10	1.93E-10	1.13E-09
6583	623785.67	4266467.52	6.09E-09	2.09E-09	8.18E-09	5.09E-09	1.57E-09	6.66E-09	1.21E-09	4.01E-10	1.61E-09	9.39E-10	1.93E-10	1.13E-09
6584	623782.09	4266458.49	6.09E-09	2.09E-09	8.18E-09	5.09E-09	1.57E-09	6.65E-09	1.20E-09	4.01E-10	1.61E-09	9.39E-10	1.93E-10	1.13E-09
6585	623778.51	4266449.45	6.08E-09	2.09E-09	8.18E-09	5.09E-09	1.57E-09	6.65E-09	1.20E-09	4.01E-10	1.61E-09	9.39E-10	1.93E-10	1.13E-09
6586	623774.93	4266440.41	6.09E-09	2.09E-09	8.18E-09	5.09E-09	1.57E-09	6.65E-09	1.20E-09	4.01E-10	1.61E-09	9.39E-10	1.93E-10	1.13E-09
6587	623771.34	4266431.38	6.09E-09	2.09E-09	8.18E-09	5.09E-09	1.57E-09	6.66E-09	1.20E-09	4.01E-10	1.61E-09	9.39E-10	1.93E-10	1.13E-09
6588	623767.76	4266422.34	6.09E-09	2.09E-09	8.19E-09	5.09E-09	1.57E-09	6.66E-09	1.21E-09	4.01E-10	1.61E-09	9.40E-10	1.93E-10	1.13E-09
6589	623764.18	4266413.3	6.09E-09	2.10E-09	8.19E-09	5.09E-09	1.57E-09	6.66E-09	1.21E-09	4.02E-10	1.61E-09	9.40E-10	1.93E-10	1.13E-09
6590	623760.6	4266404.26	6.10E-09	2.10E-09	8.20E-09	5.10E-09	1.57E-09	6.67E-09	1.21E-09	4.02E-10	1.61E-09	9.41E-10	1.94E-10	1.13E-09
6591	623757.02	4266395.23	6.10E-09	2.10E-09	8.20E-09	5.10E-09	1.57E-09	6.67E-09	1.21E-09	4.02E-10	1.61E-09	9.42E-10	1.94E-10	1.14E-09
6592	623753.43	4266386.19	6.11E-09	2.10E-09	8.21E-09	5.11E-09	1.57E-09	6.68E-09	1.21E-09	4.02E-10	1.61E-09	9.43E-10	1.94E-10	1.14E-09
6593	623749.85	4266377.15	6.11E-09	2.10E-09	8.21E-09	5.11E-09	1.57E-09	6.68E-09	1.21E-09	4.03E-10	1.61E-09	9.43E-10	1.94E-10	1.14E-09
6594	623746.27	4266368.12	6.11E-09	2.10E-09	8.22E-09	5.11E-09	1.57E-09	6.69E-09	1.21E-09	4.03E-10	1.61E-09	9.43E-10	1.94E-10	1.14E-09
6595	623742.69	4266359.08	6.12E-09	2.10E-09	8.22E-09	5.11E-09	1.57E-09	6.69E-09	1.21E-09	4.03E-10	1.61E-09	9.44E-10	1.94E-10	1.14E-09
6596	623739.1	4266350.04	6.11E-09	2.10E-09	8.22E-09	5.11E-09	1.57E-09	6.68E-09	1.21E-09	4.03E-10	1.61E-09	9.43E-10	1.94E-10	1.14E-09
6597	623735.52	4266341.01	6.11E-09	2.10E-09	8.21E-09	5.11E-09	1.57E-09	6.68E-09	1.21E-09	4.03E-10	1.61E-09	9.43E-10	1.94E-10	1.14E-09
6598	623731.94	4266331.97	6.10E-09	2.10E-09	8.20E-09	5.10E-09	1.57E-09	6.67E-09	1.21E-09	4.02E-10	1.61E-09	9.42E-10	1.94E-10	1.14E-09
6599	623728.36	4266322.93	6.09E-09	2.09E-09	8.19E-09	5.09E-09	1.57E-09	6.66E-09	1.21E-09	4.01E-10	1.61E-09	9.40E-10	1.93E-10	1.13E-09
6600	623724.78	4266313.89	6.08E-09	2.09E-09	8.17E-09	5.08E-09	1.56E-09	6.64E-09	1.20E-09	4.00E-10	1.60E-09	9.38E-10	1.93E-10	1.13E-09
6601	623721.19	4266304.86	6.06E-09	2.08E-09	8.14E-09	5.06E-09	1.56E-09	6.62E-09	1.20E-09	3.99E-10	1.60E-09	9.35E-10	1.92E-10	1.13E-09
6602	623717.61	4266295.82	6.04E-09	2.08E-09	8.11E-09	5.05E-09	1.55E-09	6.60E-09	1.19E-09	3.98E-10	1.59E-09	9.31E-10	1.92E-10	1.12E-09
6603	623714.03	4266286.78	6.01E-09	2.07E-09	8.08E-09	5.02E-09	1.55E-09	6.57E-09	1.19E-09	3.96E-10	1.59E-09	9.27E-10	1.91E-10	1.12E-09
6604	623710.45	4266277.75	5.98E-09	2.06E-09	8.04E-09	5.00E-09	1.54E-09	6.54E-09	1.18E-09	3.94E-10	1.58E-09	9.23E-10	1.90E-10	1.11E-09
6605	623706.87	4266268.71	5.95E-09	2.05E-09	8.00E-09	4.97E-09	1.53E-09	6.51E-09	1.18E-09	3.92E-10	1.57E-09	9.18E-10	1.89E-10	1.11E-09
6606	623703.28	4266259.67	5.91E-09	2.03E-09	7.95E-09	4.94E-09	1.52E-09	6.47E-09	1.17E-09	3.90E-10	1.56E-09	9.13E-10	1.88E-10	1.10E-09
6607	623699.7	4266250.64	5.88E-09	2.02E-09	7.90E-09	4.91E-09	1.51E-09	6.42E-09	1.16E-09	3.87E-10	1.55E-09	9.07E-10	1.86E-10	1.09E-09
6608	623696.12	4266241.6	5.84E-09	2.01E-09	7.84E-09	4.88E-09	1.50E-09	6.38E-09	1.16E-09	3.85E-10	1.54E-09	9.01E-10	1.85E-10	1.09E-09
6609	623692.54	4266232.56	5.80E-09	1.99E-09	7.79E-09	4.84E-09	1.49E-09	6.34E-09	1.15E-09	3.82E-10	1.53E-09	8.94E-10	1.84E-10	1.08E-09
6610	623688.95	4266223.52	5.75E-09	1.98E-09	7.73E-09	4.81E-09	1.48E-09	6.29E-09	1.14E-09	3.79E-10	1.52E-09	8.88E-10	1.83E-10	1.07E-09
6611	623685.37	4266214.49	5.71E-09	1.96E-09	7.68E-09	4.77E-09	1.47E-09	6.24E-09	1.13E-09	3.76E-10	1.51E-09	8.81E-10	1.81E-10	1.06E-09
6612	623681.79	4266205.45	5.67E-09	1.95E-09	7.62E-09	4.74E-09	1.46E-09	6.20E-09	1.12E-09	3.74E-10	1.50E-09	8.75E-10	1.80E-10	1.05E-09
6613	623678.21	4266196.41	5.63E-09	1.94E-09	7.57E-09	4.71E-09	1.45E-09	6.16E-09	1.11E-09	3.71E-10	1.49E-09	8.69E-10	1.79E-10	1.05E-09
6614	623674.63	4266187.38	5.59E-09	1.92E-09	7.51E-09	4.67E-09	1.44E-09	6.11E-09	1.11E-09	3.68E-10	1.47E-09	8.62E-10	1.77E-10	1.04E-09
6615	623671.04	4266178.34	5.54E-09	1.91E-09	7.45E-09	4.63E-09	1.43E-09	6.06E-09	1.10E-09	3.65E-10	1.46E-09	8.55E-10	1.76E-10	1.03E-09
6616	623667.46	4266169.3	5.50E-09	1.89E-09	7.39E-09	4.60E-09	1.42E-09	6.01E-09	1.09E-09	3.62E-10	1.45E-09	8.48E-10	1.74E-10	1.02E-09
6617	623663.88	4266160.26	5.46E-09	1.88E-09	7.33E-09	4.56E-09	1.40E-09	5.96E-09	1.08E-09	3.59E-10	1.44E-09	8.42E-10	1.73E-10	1.02E-09
6618	623660.3	4266151.23	5.42E-09	1.86E-09	7.28E-09	4.53E-09	1.40E-09	5.92E-09	1.07E-09	3.57E-10	1.43E-09	8.36E-10	1.72E-10	1.01E-09
6619	624340.56	4266843.17	8.24E-09	2.83E-09	1.11E-08	6.88E-09	2.12E-09	9.01E-09	1.63E-09	5.43E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
6620	624350.45	4266843.35	8.24E-09	2.83E-09	1.11E-08	6.89E-09	2.12E-09	9.01E-09	1.63E-09	5.43E-10	2.17E-09	1.27E-09	2.62E-10	1.53E-09

6621	624360.34	4266843.52	8.25E-09	2.84E-09	1.11E-08	6.90E-09	2.12E-09	9.02E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.53E-09
6622	624370.23	4266843.7	8.25E-09	2.84E-09	1.11E-08	6.90E-09	2.12E-09	9.02E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
6623	624380.12	4266843.87	8.26E-09	2.84E-09	1.11E-08	6.90E-09	2.13E-09	9.03E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
6624	624390.01	4266844.05	8.26E-09	2.84E-09	1.11E-08	6.90E-09	2.13E-09	9.03E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
6625	624399.9	4266844.23	8.26E-09	2.84E-09	1.11E-08	6.90E-09	2.13E-09	9.03E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
6626	624409.79	4266844.4	8.26E-09	2.84E-09	1.11E-08	6.90E-09	2.13E-09	9.03E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
6627	624419.68	4266844.58	8.26E-09	2.84E-09	1.11E-08	6.90E-09	2.13E-09	9.03E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
6628	624429.56	4266844.76	8.26E-09	2.84E-09	1.11E-08	6.90E-09	2.13E-09	9.03E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
6629	624439.45	4266844.93	8.26E-09	2.84E-09	1.11E-08	6.90E-09	2.13E-09	9.03E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
6630	624449.34	4266845.11	8.26E-09	2.84E-09	1.11E-08	6.90E-09	2.13E-09	9.03E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
6631	624459.23	4266845.29	8.26E-09	2.84E-09	1.11E-08	6.90E-09	2.13E-09	9.03E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
6632	624469.12	4266845.46	8.26E-09	2.84E-09	1.11E-08	6.90E-09	2.13E-09	9.03E-09	1.64E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
6633	624479.01	4266845.64	8.26E-09	2.84E-09	1.11E-08	6.91E-09	2.13E-09	9.03E-09	1.64E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
6634	624488.9	4266845.82	8.26E-09	2.84E-09	1.11E-08	6.91E-09	2.13E-09	9.04E-09	1.64E-09	5.45E-10	2.18E-09	1.28E-09	2.62E-10	1.54E-09
6635	624498.79	4266845.99	8.27E-09	2.84E-09	1.11E-08	6.91E-09	2.13E-09	9.04E-09	1.64E-09	5.45E-10	2.18E-09	1.28E-09	2.62E-10	1.54E-09
6636	624508.68	4266846.17	8.27E-09	2.84E-09	1.11E-08	6.92E-09	2.13E-09	9.05E-09	1.64E-09	5.45E-10	2.18E-09	1.28E-09	2.63E-10	1.54E-09
6637	624518.57	4266846.35	8.28E-09	2.85E-09	1.11E-08	6.92E-09	2.13E-09	9.05E-09	1.64E-09	5.45E-10	2.18E-09	1.28E-09	2.63E-10	1.54E-09
6638	624528.46	4266846.52	8.28E-09	2.85E-09	1.11E-08	6.92E-09	2.13E-09	9.06E-09	1.64E-09	5.46E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
6639	624538.35	4266846.7	8.29E-09	2.85E-09	1.11E-08	6.93E-09	2.13E-09	9.06E-09	1.64E-09	5.46E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
6640	624548.23	4266846.88	8.29E-09	2.85E-09	1.11E-08	6.93E-09	2.13E-09	9.06E-09	1.64E-09	5.46E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
6641	624558.12	4266847.05	8.29E-09	2.85E-09	1.11E-08	6.93E-09	2.13E-09	9.06E-09	1.64E-09	5.46E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
6642	624568.01	4266847.23	8.29E-09	2.85E-09	1.11E-08	6.93E-09	2.13E-09	9.06E-09	1.64E-09	5.46E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
6643	624577.9	4266847.41	8.29E-09	2.85E-09	1.11E-08	6.93E-09	2.13E-09	9.06E-09	1.64E-09	5.46E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
6644	624587.79	4266847.58	8.29E-09	2.85E-09	1.11E-08	6.93E-09	2.13E-09	9.06E-09	1.64E-09	5.46E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
6645	624597.68	4266847.76	8.28E-09	2.85E-09	1.11E-08	6.92E-09	2.13E-09	9.05E-09	1.64E-09	5.45E-10	2.18E-09	1.28E-09	2.63E-10	1.54E-09
6646	624607.57	4266847.94	8.26E-09	2.84E-09	1.11E-08	6.91E-09	2.13E-09	9.04E-09	1.64E-09	5.45E-10	2.18E-09	1.28E-09	2.62E-10	1.54E-09
6647	624617.46	4266848.11	8.25E-09	2.84E-09	1.11E-08	6.89E-09	2.12E-09	9.02E-09	1.63E-09	5.43E-10	2.18E-09	1.27E-09	2.62E-10	1.53E-09
6648	624627.35	4266848.29	8.23E-09	2.83E-09	1.11E-08	6.88E-09	2.12E-09	9.00E-09	1.63E-09	5.42E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
6649	624637.24	4266848.47	8.21E-09	2.82E-09	1.10E-08	6.86E-09	2.11E-09	8.97E-09	1.62E-09	5.41E-10	2.17E-09	1.27E-09	2.60E-10	1.53E-09
6650	624647.13	4266848.64	8.18E-09	2.81E-09	1.10E-08	6.84E-09	2.11E-09	8.95E-09	1.62E-09	5.39E-10	2.16E-09	1.26E-09	2.60E-10	1.52E-09
6651	624657.02	4266848.82	8.16E-09	2.81E-09	1.10E-08	6.82E-09	2.10E-09	8.92E-09	1.61E-09	5.37E-10	2.15E-09	1.26E-09	2.59E-10	1.52E-09
6652	624666.91	4266849	8.13E-09	2.80E-09	1.09E-08	6.79E-09	2.09E-09	8.89E-09	1.61E-09	5.36E-10	2.14E-09	1.25E-09	2.58E-10	1.51E-09
6653	624676.79	4266849.17	8.10E-09	2.79E-09	1.09E-08	6.77E-09	2.09E-09	8.86E-09	1.60E-09	5.34E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
6654	624686.68	4266849.35	8.07E-09	2.78E-09	1.09E-08	6.75E-09	2.08E-09	8.83E-09	1.60E-09	5.32E-10	2.13E-09	1.25E-09	2.56E-10	1.50E-09
6655	624696.57	4266849.53	8.05E-09	2.77E-09	1.08E-08	6.73E-09	2.07E-09	8.80E-09	1.59E-09	5.31E-10	2.12E-09	1.24E-09	2.56E-10	1.50E-09
6656	624706.46	4266849.7	8.03E-09	2.76E-09	1.08E-08	6.71E-09	2.07E-09	8.78E-09	1.59E-09	5.29E-10	2.12E-09	1.24E-09	2.55E-10	1.49E-09
6657	624716.35	4266849.88	8.01E-09	2.76E-09	1.08E-08	6.70E-09	2.06E-09	8.76E-09	1.59E-09	5.28E-10	2.11E-09	1.24E-09	2.54E-10	1.49E-09
6658	624726.24	4266850.06	8.00E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
6659	624736.13	4266850.23	7.98E-09	2.74E-09	1.07E-08	6.67E-09	2.06E-09	8.73E-09	1.58E-09	5.26E-10	2.11E-09	1.23E-09	2.53E-10	1.48E-09
6660	624746.02	4266850.41	7.97E-09	2.74E-09	1.07E-08	6.66E-09	2.05E-09	8.71E-09	1.58E-09	5.25E-10	2.10E-09	1.23E-09	2.53E-10	1.48E-09
6661	624755.91	4266850.59	7.96E-09	2.74E-09	1.07E-08	6.65E-09	2.05E-09	8.70E-09	1.58E-09	5.24E-10	2.10E-09	1.23E-09	2.53E-10	1.48E-09
6662	624765.8	4266850.76	7.95E-09	2.73E-09	1.07E-08	6.64E-09	2.05E-09	8.69E-09	1.57E-09	5.24E-10	2.10E-09	1.23E-09	2.52E-10	1.48E-09
6663	624775.69	4266850.94	7.94E-09	2.73E-09	1.07E-08	6.64E-09	2.04E-09	8.68E-09	1.57E-09	5.23E-10	2.09E-09	1.23E-09	2.52E-10	1.48E-09
6664	624785.58	4266851.12	7.93E-09	2.73E-09	1.07E-08	6.63E-09	2.04E-09	8.67E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.52E-10	1.47E-09
6665	624795.46	4266851.29	7.91E-09	2.72E-09	1.06E-08	6.62E-09	2.04E-09	8.65E-09	1.57E-09	5.21E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
6666	624805.35	4266851.47	7.90E-09	2.72E-09	1.06E-08	6.60E-09	2.03E-09	8.64E-09	1.56E-09	5.20E-10	2.08E-09	1.22E-09	2.51E-10	1.47E-09
6667	624815.24	4266851.65	7.88E-09	2.71E-09	1.06E-08	6.59E-09	2.03E-09	8.62E-09	1.56E-09	5.19E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
6668	624825.13	4266851.82	7.87E-09	2.71E-09	1.06E-08	6.58E-09	2.03E-09	8.60E-09	1.56E-09	5.18E-10	2.08E-09	1.21E-09	2.50E-10	1.46E-09
6669	624835.02	4266852	7.85E-09	2.70E-09	1.05E-08	6.56E-09	2.02E-09	8.58E-09	1.55E-09	5.17E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
6670	624329.74	4266939.23	6.98E-09	2.40E-09	9.37E-09	5.83E-09	1.80E-09	7.63E-09	1.38E-09	4.60E-10	1.84E-09	1.08E-09	2.21E-10	1.30E-09
6671	624320.7	4266935.3	7.01E-09	2.41E-09	9.43E-09	5.86E-09	1.81E-09	7.67E-09	1.39E-09	4.62E-10	1.85E-09	1.08E-09	2.23E-10	1.30E-09
6672	624311.66	4266931.37	7.05E-09	2.42E-09	9.48E-09	5.89E-09	1.82E-09	7.71E-09	1.40E-09	4.65E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
6673	624302.62	4266927.45	7.09E-09	2.44E-09	9.52E-09	5.92E-09	1.82E-09	7.75E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
6674	624293.58	4266923.52	7.12E-09	2.45E-09	9.57E-09	5.95E-09	1.83E-09	7.79E-09	1.41E-09	4.69E-10	1.88E-09	1.10E-09	2.26E-10	1.32E-09
6675	624284.54	4266919.6	7.15E-09	2.46E-09	9.61E-09	5.98E-09	1.84E-09	7.82E-09	1.42E-09	4.71E-10	1.89E-09	1.10E-09	2.27E-10	1.33E-09
6676	624275.5	4266915.67	7.18E-09	2.47E-09	9.64E-09	6.00E-09	1.85E-09	7.84E-09	1.42E-09	4.73E-10	1.89E-09	1.11E-09	2.28E-10	1.33E-09
6677	624266.46	4266911.75	7.20E-09	2.48E-09	9.67E-09	6.02E-09	1.85E-09	7.87E-09	1.42E-09	4.74E-10	1.90E-09	1.11E-09	2.28E-10	1.34E-09
6678	624257.42	4266907.82	7.22E-09	2.48E-09	9.71E-09	6.04E-09	1.86E-09	7.90E-09	1.43E-09	4.76E-10	1.91E-09	1.11E-09	2.29E-10	1.34E-09
6679	624248.38	4266903.89	7.24E-09	2.49E-09	9.73E-09	6.05E-09	1.86E-09	7.92E-09	1.43E-09	4.77E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
6680	624239.34	4266899.97	7.26E-09	2.50E-09	9.75E-09	6.07E-09	1.87E-09	7.93E-09	1.44E-09	4.78E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
6681	624230.3	4266896.04	7.27E-09	2.50E-09	9.77E-09	6.08E-09	1.87E-09	7.95E-09	1.44E-09	4.79E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6682	624221.26	4266892.12	7.28E-09	2.50E-09	9.78E-09	6.08E-09	1.87E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6683	624212.22	4266888.19	7.28E-09	2.50E-09	9.79E-09	6.09E-09	1.88E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.36E-09
6684	624203.18	4266884.26	7.29E-09	2.51E-09	9.79E-09	6.09E-09	1.88E-09	7.97E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.36E-09
6685	624194.14	4266880.34	7.29E-09	2.51E-09	9.79E-09	6.09E-09	1.88E-09	7.97E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.36E-09
6686	624185.1	4266876.41	7.28E-09	2.50E-09	9.79E-09	6.09E-09	1.88E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6687	624176.06	4266872.49	7.28E-09	2.50E-09	9.78E-09	6.08E-09	1.87E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6688	624167.02	4266868.56	7.27E-09	2.50E-09	9.77E-09	6.08E-09	1.87E-09	7.95E-09	1.44E-09	4.79E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
6689	624157.98	4266864.64	7.26E-09	2.50E-09	9.76E-09	6.07E-09	1.87E-09	7.94E-09	1.44E-09	4.79E-10	1.92E-09	1.12E-09	2.30E-10	1.35E-09

6690	624148.94	4266860.71	7.25E-09	2.49E-09	9.75E-09	6.06E-09	1.87E-09	7.93E-09	1.44E-09	4.78E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
6691	624139.9	4266856.78	7.25E-09	2.49E-09	9.74E-09	6.06E-09	1.87E-09	7.92E-09	1.43E-09	4.77E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
6692	624130.86	4266852.86	7.24E-09	2.49E-09	9.72E-09	6.05E-09	1.86E-09	7.91E-09	1.43E-09	4.77E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
6693	624121.82	4266848.93	7.23E-09	2.48E-09	9.71E-09	6.04E-09	1.86E-09	7.90E-09	1.43E-09	4.76E-10	1.91E-09	1.12E-09	2.29E-10	1.34E-09
6694	624112.78	4266845.01	7.22E-09	2.48E-09	9.70E-09	6.03E-09	1.86E-09	7.89E-09	1.43E-09	4.75E-10	1.90E-09	1.11E-09	2.29E-10	1.34E-09
6695	623986.22	4266790.04	6.93E-09	2.38E-09	9.31E-09	5.79E-09	1.78E-09	7.57E-09	1.37E-09	4.56E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6696	623977.18	4266786.12	6.88E-09	2.37E-09	9.25E-09	5.75E-09	1.77E-09	7.53E-09	1.36E-09	4.54E-10	1.82E-09	1.06E-09	2.18E-10	1.28E-09
6697	623968.14	4266782.19	6.84E-09	2.35E-09	9.19E-09	5.71E-09	1.76E-09	7.47E-09	1.35E-09	4.50E-10	1.80E-09	1.05E-09	2.17E-10	1.27E-09
6698	623959.1	4266778.27	6.78E-09	2.33E-09	9.12E-09	5.67E-09	1.75E-09	7.42E-09	1.34E-09	4.47E-10	1.79E-09	1.05E-09	2.15E-10	1.26E-09
6699	623950.06	4266774.34	6.73E-09	2.31E-09	9.04E-09	5.62E-09	1.73E-09	7.36E-09	1.33E-09	4.43E-10	1.78E-09	1.04E-09	2.14E-10	1.25E-09
6700	623941.02	4266770.41	6.67E-09	2.29E-09	8.96E-09	5.57E-09	1.72E-09	7.29E-09	1.32E-09	4.39E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
6701	623931.98	4266766.49	6.61E-09	2.27E-09	8.88E-09	5.52E-09	1.70E-09	7.22E-09	1.31E-09	4.35E-10	1.74E-09	1.02E-09	2.10E-10	1.23E-09
6702	623922.94	4266762.56	6.54E-09	2.25E-09	8.79E-09	5.47E-09	1.68E-09	7.15E-09	1.30E-09	4.31E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
6703	623913.9	4266758.64	6.48E-09	2.23E-09	8.70E-09	5.41E-09	1.67E-09	7.08E-09	1.28E-09	4.27E-10	1.71E-09	9.99E-10	2.06E-10	1.20E-09
6704	623904.86	4266754.71	6.41E-09	2.20E-09	8.61E-09	5.35E-09	1.65E-09	7.00E-09	1.27E-09	4.22E-10	1.69E-09	9.88E-10	2.03E-10	1.19E-09
6705	623895.82	4266750.79	6.33E-09	2.18E-09	8.51E-09	5.29E-09	1.63E-09	6.93E-09	1.25E-09	4.17E-10	1.67E-09	9.77E-10	2.01E-10	1.18E-09
6706	623886.78	4266746.86	6.26E-09	2.15E-09	8.41E-09	5.23E-09	1.61E-09	6.85E-09	1.24E-09	4.13E-10	1.65E-09	9.66E-10	1.99E-10	1.16E-09
6707	623877.74	4266742.93	6.19E-09	2.13E-09	8.31E-09	5.17E-09	1.59E-09	6.76E-09	1.22E-09	4.08E-10	1.63E-09	9.55E-10	1.96E-10	1.15E-09
6708	623868.7	4266739.01	6.11E-09	2.10E-09	8.21E-09	5.11E-09	1.57E-09	6.68E-09	1.21E-09	4.03E-10	1.61E-09	9.43E-10	1.94E-10	1.14E-09
6709	623859.66	4266735.08	6.03E-09	2.08E-09	8.11E-09	5.04E-09	1.55E-09	6.60E-09	1.19E-09	3.98E-10	1.59E-09	9.31E-10	1.92E-10	1.12E-09
6710	623850.63	4266731.16	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.53E-09	6.51E-09	1.18E-09	3.93E-10	1.57E-09	9.19E-10	1.89E-10	1.11E-09
6711	623841.59	4266727.23	5.88E-09	2.02E-09	7.90E-09	4.92E-09	1.51E-09	6.43E-09	1.16E-09	3.87E-10	1.55E-09	9.07E-10	1.87E-10	1.09E-09
6712	623832.55	4266723.3	5.80E-09	2.00E-09	7.80E-09	4.85E-09	1.49E-09	6.35E-09	1.15E-09	3.82E-10	1.53E-09	8.96E-10	1.84E-10	1.08E-09
6713	623823.51	4266719.38	5.73E-09	1.97E-09	7.70E-09	4.79E-09	1.47E-09	6.26E-09	1.13E-09	3.77E-10	1.51E-09	8.84E-10	1.82E-10	1.07E-09
6714	623814.47	4266715.45	5.65E-09	1.94E-09	7.59E-09	4.72E-09	1.46E-09	6.18E-09	1.12E-09	3.72E-10	1.49E-09	8.72E-10	1.79E-10	1.05E-09
6715	623805.43	4266711.53	5.58E-09	1.92E-09	7.49E-09	4.66E-09	1.44E-09	6.10E-09	1.10E-09	3.67E-10	1.47E-09	8.61E-10	1.77E-10	1.04E-09
6716	623796.39	4266707.6	5.50E-09	1.89E-09	7.40E-09	4.60E-09	1.42E-09	6.02E-09	1.09E-09	3.63E-10	1.45E-09	8.49E-10	1.75E-10	1.02E-09
6717	623787.35	4266703.68	5.43E-09	1.87E-09	7.30E-09	4.54E-09	1.40E-09	5.94E-09	1.07E-09	3.58E-10	1.43E-09	8.38E-10	1.72E-10	1.01E-09
6718	623774.67	4266690.59	5.35E-09	1.84E-09	7.19E-09	4.47E-09	1.38E-09	5.85E-09	1.06E-09	3.52E-10	1.41E-09	8.25E-10	1.70E-10	9.95E-10
6719	623771.04	4266681.43	5.34E-09	1.83E-09	7.17E-09	4.46E-09	1.37E-09	5.83E-09	1.06E-09	3.52E-10	1.41E-09	8.23E-10	1.69E-10	9.93E-10
6720	623767.41	4266672.26	5.32E-09	1.83E-09	7.16E-09	4.45E-09	1.37E-09	5.82E-09	1.05E-09	3.51E-10	1.40E-09	8.22E-10	1.69E-10	9.91E-10
6721	623763.78	4266663.1	5.31E-09	1.83E-09	7.14E-09	4.44E-09	1.37E-09	5.81E-09	1.05E-09	3.50E-10	1.40E-09	8.20E-10	1.69E-10	9.88E-10
6722	623760.15	4266653.94	5.30E-09	1.82E-09	7.13E-09	4.43E-09	1.37E-09	5.80E-09	1.05E-09	3.49E-10	1.40E-09	8.18E-10	1.68E-10	9.86E-10
6723	623756.52	4266644.78	5.29E-09	1.82E-09	7.11E-09	4.42E-09	1.36E-09	5.78E-09	1.05E-09	3.49E-10	1.40E-09	8.16E-10	1.68E-10	9.84E-10
6724	623752.88	4266635.62	5.28E-09	1.82E-09	7.10E-09	4.41E-09	1.36E-09	5.77E-09	1.05E-09	3.48E-10	1.39E-09	8.15E-10	1.68E-10	9.82E-10
6725	623749.25	4266626.45	5.27E-09	1.81E-09	7.08E-09	4.40E-09	1.36E-09	5.76E-09	1.04E-09	3.47E-10	1.39E-09	8.13E-10	1.67E-10	9.80E-10
6726	623745.62	4266617.29	5.26E-09	1.81E-09	7.07E-09	4.40E-09	1.35E-09	5.75E-09	1.04E-09	3.47E-10	1.39E-09	8.12E-10	1.67E-10	9.79E-10
6727	623741.99	4266608.13	5.25E-09	1.81E-09	7.05E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.38E-09	8.10E-10	1.67E-10	9.77E-10
6728	623738.36	4266598.97	5.24E-09	1.80E-09	7.04E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.45E-10	1.38E-09	8.09E-10	1.66E-10	9.75E-10
6729	623734.73	4266589.81	5.23E-09	1.80E-09	7.03E-09	4.37E-09	1.35E-09	5.72E-09	1.04E-09	3.45E-10	1.38E-09	8.07E-10	1.66E-10	9.73E-10
6730	623731.09	4266580.64	5.22E-09	1.80E-09	7.02E-09	4.37E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.72E-10
6731	623727.46	4266571.48	5.21E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.65E-10	9.70E-10
6732	623723.83	4266562.32	5.21E-09	1.79E-09	7.00E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.03E-10	1.65E-10	9.69E-10
6733	623720.2	4266553.16	5.20E-09	1.79E-09	6.99E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.03E-10	1.65E-10	9.68E-10
6734	623716.57	4266544	5.19E-09	1.79E-09	6.98E-09	4.34E-09	1.34E-09	5.68E-09	1.03E-09	3.42E-10	1.37E-09	8.02E-10	1.65E-10	9.66E-10
6735	623712.94	4266534.83	5.19E-09	1.78E-09	6.98E-09	4.34E-09	1.34E-09	5.67E-09	1.03E-09	3.42E-10	1.37E-09	8.01E-10	1.65E-10	9.66E-10
6736	623709.31	4266525.67	5.19E-09	1.78E-09	6.97E-09	4.34E-09	1.34E-09	5.67E-09	1.03E-09	3.42E-10	1.37E-09	8.00E-10	1.65E-10	9.65E-10
6737	623705.67	4266516.51	5.19E-09	1.78E-09	6.97E-09	4.33E-09	1.33E-09	5.67E-09	1.03E-09	3.42E-10	1.37E-09	8.00E-10	1.65E-10	9.65E-10
6738	623702.04	4266507.35	5.18E-09	1.78E-09	6.97E-09	4.33E-09	1.33E-09	5.67E-09	1.03E-09	3.42E-10	1.37E-09	8.00E-10	1.65E-10	9.65E-10
6739	623698.41	4266498.19	5.18E-09	1.78E-09	6.97E-09	4.33E-09	1.33E-09	5.67E-09	1.03E-09	3.42E-10	1.37E-09	8.00E-10	1.65E-10	9.65E-10
6740	623694.78	4266489.02	5.19E-09	1.78E-09	6.97E-09	4.34E-09	1.34E-09	5.67E-09	1.03E-09	3.42E-10	1.37E-09	8.00E-10	1.65E-10	9.65E-10
6741	623691.15	4266479.86	5.19E-09	1.78E-09	6.97E-09	4.34E-09	1.34E-09	5.67E-09	1.03E-09	3.42E-10	1.37E-09	8.01E-10	1.65E-10	9.66E-10
6742	623687.52	4266470.7	5.19E-09	1.79E-09	6.98E-09	4.34E-09	1.34E-09	5.68E-09	1.03E-09	3.42E-10	1.37E-09	8.01E-10	1.65E-10	9.66E-10
6743	623683.88	4266461.54	5.20E-09	1.79E-09	6.99E-09	4.35E-09	1.34E-09	5.68E-09	1.03E-09	3.43E-10	1.37E-09	8.02E-10	1.65E-10	9.67E-10
6744	623680.25	4266452.38	5.21E-09	1.79E-09	7.00E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.03E-10	1.65E-10	9.68E-10
6745	623676.62	4266443.21	5.21E-09	1.79E-09	7.00E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.43E-10	1.38E-09	8.04E-10	1.65E-10	9.70E-10
6746	623672.99	4266434.05	5.22E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.66E-10	9.71E-10
6747	623669.36	4266424.89	5.23E-09	1.80E-09	7.02E-09	4.37E-09	1.35E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.72E-10
6748	623665.73	4266415.73	5.23E-09	1.80E-09	7.03E-09	4.37E-09	1.35E-09	5.72E-09	1.04E-09	3.45E-10	1.38E-09	8.07E-10	1.66E-10	9.74E-10
6749	623662.09	4266406.57	5.24E-09	1.80E-09	7.04E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.45E-10	1.38E-09	8.08E-10	1.66E-10	9.75E-10
6750	623658.46	4266397.4	5.24E-09	1.80E-09	7.05E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.45E-10	1.38E-09	8.09E-10	1.66E-10	9.75E-10
6751	623654.83	4266388.24	5.24E-09	1.80E-09	7.05E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.46E-10	1.38E-09	8.09E-10	1.66E-10	9.76E-10
6752	623651.2	4266379.08	5.25E-09	1.80E-09	7.05E-09	4.38E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.38E-09	8.09E-10	1.66E-10	9.76E-10
6753	623647.57	4266369.92	5.24E-09	1.80E-09	7.05E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.46E-10	1.38E-09	8.09E-10	1.66E-10	9.76E-10
6754	623643.94	4266360.76	5.24E-09	1.80E-09	7.04E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.45E-10	1.38E-09	8.09E-10	1.66E-10	9.75E-10
6755	623640.3	4266351.59	5.23E-09	1.80E-09	7.03E-09	4.37E-09	1.35E-09	5.72E-09	1.04E-09	3.45E-10	1.38E-09	8.08E-10	1.66E-10	9.74E-10
6756	623636.67	4266342.43	5.22E-09	1.80E-09	7.02E-09	4.37E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.72E-10
6757	623633.04	4266333.27	5.21E-09	1.79E-09	7.00E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.43E-10	1.37E-09	8.04E-10	1.65E-10	9.69E-10
6758	623629.41	4266324.11	5.20E-09	1.79E-09	6.98E-09	4.34E-09	1.34E-09	5.68E-09	1.03E-09	3.42E-10	1.37E-09	8.02E-10	1.65E-10	9.67E-10

6759	623625.78	4266314.95	5.18E-09	1.78E-09	6.96E-09	4.33E-09	1.33E-09	5.66E-09	1.02E-09	3.41E-10	1.37E-09	7.99E-10	1.64E-10	9.63E-10
6760	624338.78	4266943.15	6.94E-09	2.39E-09	9.32E-09	5.80E-09	1.79E-09	7.58E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6761	624348.67	4266943.33	6.94E-09	2.39E-09	9.32E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6762	624358.55	4266943.51	6.94E-09	2.39E-09	9.33E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6763	624368.44	4266943.68	6.94E-09	2.39E-09	9.33E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6764	624378.33	4266943.86	6.94E-09	2.39E-09	9.33E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6765	624388.22	4266944.04	6.94E-09	2.39E-09	9.33E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6766	624398.11	4266944.21	6.94E-09	2.39E-09	9.33E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6767	624408	4266944.39	6.94E-09	2.39E-09	9.33E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6768	624417.89	4266944.57	6.94E-09	2.39E-09	9.33E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6769	624427.78	4266944.74	6.94E-09	2.39E-09	9.33E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6770	624437.67	4266944.92	6.94E-09	2.39E-09	9.32E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6771	624447.56	4266945.1	6.94E-09	2.39E-09	9.32E-09	5.80E-09	1.79E-09	7.58E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6772	624457.45	4266945.27	6.94E-09	2.39E-09	9.32E-09	5.80E-09	1.79E-09	7.58E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6773	624467.34	4266945.45	6.93E-09	2.38E-09	9.32E-09	5.80E-09	1.79E-09	7.58E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6774	624477.22	4266945.62	6.93E-09	2.38E-09	9.32E-09	5.79E-09	1.78E-09	7.58E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6775	624487.11	4266945.8	6.93E-09	2.38E-09	9.31E-09	5.79E-09	1.78E-09	7.58E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6776	624497	4266945.98	6.93E-09	2.38E-09	9.31E-09	5.79E-09	1.78E-09	7.57E-09	1.37E-09	4.56E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6777	624506.89	4266946.15	6.92E-09	2.38E-09	9.30E-09	5.79E-09	1.78E-09	7.57E-09	1.37E-09	4.56E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6778	624516.78	4266946.33	6.92E-09	2.38E-09	9.30E-09	5.78E-09	1.78E-09	7.56E-09	1.37E-09	4.56E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
6779	624526.67	4266946.51	6.91E-09	2.38E-09	9.29E-09	5.78E-09	1.78E-09	7.56E-09	1.37E-09	4.56E-10	1.82E-09	1.07E-09	2.19E-10	1.29E-09
6780	624536.56	4266946.68	6.91E-09	2.38E-09	9.28E-09	5.77E-09	1.78E-09	7.55E-09	1.37E-09	4.55E-10	1.82E-09	1.07E-09	2.19E-10	1.28E-09
6781	624546.45	4266946.86	6.90E-09	2.37E-09	9.27E-09	5.77E-09	1.78E-09	7.54E-09	1.37E-09	4.55E-10	1.82E-09	1.06E-09	2.19E-10	1.28E-09
6782	624556.34	4266947.04	6.89E-09	2.37E-09	9.26E-09	5.76E-09	1.77E-09	7.53E-09	1.36E-09	4.54E-10	1.82E-09	1.06E-09	2.19E-10	1.28E-09
6783	624566.23	4266947.21	6.88E-09	2.36E-09	9.24E-09	5.75E-09	1.77E-09	7.52E-09	1.36E-09	4.53E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
6784	624576.12	4266947.39	6.86E-09	2.36E-09	9.22E-09	5.74E-09	1.77E-09	7.50E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
6785	624586.01	4266947.57	6.85E-09	2.35E-09	9.20E-09	5.72E-09	1.76E-09	7.48E-09	1.36E-09	4.51E-10	1.81E-09	1.06E-09	2.17E-10	1.27E-09
6786	624595.9	4266947.74	6.83E-09	2.35E-09	9.18E-09	5.71E-09	1.76E-09	7.47E-09	1.35E-09	4.50E-10	1.80E-09	1.05E-09	2.17E-10	1.27E-09
6787	624605.78	4266947.92	6.81E-09	2.34E-09	9.15E-09	5.69E-09	1.75E-09	7.45E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
6788	624615.67	4266948.1	6.79E-09	2.34E-09	9.13E-09	5.68E-09	1.75E-09	7.43E-09	1.34E-09	4.48E-10	1.79E-09	1.05E-09	2.16E-10	1.26E-09
6789	624625.56	4266948.27	6.77E-09	2.33E-09	9.10E-09	5.66E-09	1.74E-09	7.41E-09	1.34E-09	4.46E-10	1.79E-09	1.05E-09	2.15E-10	1.26E-09
6790	624635.45	4266948.45	6.75E-09	2.32E-09	9.07E-09	5.64E-09	1.74E-09	7.38E-09	1.34E-09	4.45E-10	1.78E-09	1.04E-09	2.14E-10	1.26E-09
6791	624645.34	4266948.63	6.73E-09	2.31E-09	9.04E-09	5.62E-09	1.73E-09	7.35E-09	1.33E-09	4.43E-10	1.77E-09	1.04E-09	2.13E-10	1.25E-09
6792	624655.23	4266948.8	6.70E-09	2.31E-09	9.01E-09	5.60E-09	1.73E-09	7.33E-09	1.33E-09	4.42E-10	1.77E-09	1.03E-09	2.13E-10	1.25E-09
6793	624665.12	4266948.98	6.68E-09	2.30E-09	8.98E-09	5.58E-09	1.72E-09	7.31E-09	1.32E-09	4.40E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
6794	624675.01	4266949.16	6.66E-09	2.29E-09	8.95E-09	5.57E-09	1.71E-09	7.28E-09	1.32E-09	4.39E-10	1.76E-09	1.03E-09	2.11E-10	1.24E-09
6795	624684.9	4266949.33	6.64E-09	2.28E-09	8.92E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.38E-10	1.75E-09	1.02E-09	2.11E-10	1.24E-09
6796	624694.79	4266949.51	6.62E-09	2.28E-09	8.90E-09	5.54E-09	1.71E-09	7.24E-09	1.31E-09	4.36E-10	1.75E-09	1.02E-09	2.10E-10	1.23E-09
6797	624704.68	4266949.69	6.61E-09	2.27E-09	8.88E-09	5.52E-09	1.70E-09	7.22E-09	1.31E-09	4.35E-10	1.74E-09	1.02E-09	2.10E-10	1.23E-09
6798	624714.57	4266949.86	6.59E-09	2.27E-09	8.86E-09	5.51E-09	1.70E-09	7.21E-09	1.31E-09	4.34E-10	1.74E-09	1.02E-09	2.09E-10	1.23E-09
6799	624724.45	4266950.04	6.58E-09	2.26E-09	8.85E-09	5.50E-09	1.70E-09	7.20E-09	1.30E-09	4.34E-10	1.74E-09	1.02E-09	2.09E-10	1.22E-09
6800	624734.34	4266950.22	6.57E-09	2.26E-09	8.84E-09	5.50E-09	1.69E-09	7.19E-09	1.30E-09	4.33E-10	1.73E-09	1.01E-09	2.09E-10	1.22E-09
6801	624744.23	4266950.39	6.57E-09	2.26E-09	8.83E-09	5.49E-09	1.69E-09	7.18E-09	1.30E-09	4.33E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
6802	624754.12	4266950.57	6.56E-09	2.26E-09	8.82E-09	5.48E-09	1.69E-09	7.17E-09	1.30E-09	4.32E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
6803	624764.01	4266950.75	6.56E-09	2.25E-09	8.81E-09	5.48E-09	1.69E-09	7.17E-09	1.30E-09	4.32E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
6804	624773.9	4266950.92	6.55E-09	2.25E-09	8.81E-09	5.48E-09	1.69E-09	7.16E-09	1.30E-09	4.32E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
6805	624783.79	4266951.1	6.55E-09	2.25E-09	8.80E-09	5.47E-09	1.69E-09	7.16E-09	1.30E-09	4.32E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
6806	624793.68	4266951.28	6.55E-09	2.25E-09	8.80E-09	5.47E-09	1.69E-09	7.16E-09	1.30E-09	4.31E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
6807	624803.57	4266951.45	6.54E-09	2.25E-09	8.79E-09	5.47E-09	1.68E-09	7.15E-09	1.29E-09	4.31E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
6808	624813.46	4266951.63	6.54E-09	2.25E-09	8.79E-09	5.46E-09	1.68E-09	7.15E-09	1.29E-09	4.31E-10	1.72E-09	1.01E-09	2.07E-10	1.22E-09
6809	624823.35	4266951.81	6.53E-09	2.25E-09	8.78E-09	5.46E-09	1.68E-09	7.14E-09	1.29E-09	4.30E-10	1.72E-09	1.01E-09	2.07E-10	1.22E-09
6810	624833.24	4266951.98	6.53E-09	2.24E-09	8.77E-09	5.45E-09	1.68E-09	7.13E-09	1.29E-09	4.30E-10	1.72E-09	1.01E-09	2.07E-10	1.21E-09
6811	624327.98	4267039.22	5.99E-09	2.06E-09	8.05E-09	5.01E-09	1.54E-09	6.55E-09	1.19E-09	3.95E-10	1.58E-09	9.24E-10	1.90E-10	1.11E-09
6812	624318.98	4267035.31	6.02E-09	2.07E-09	8.09E-09	5.03E-09	1.55E-09	6.58E-09	1.19E-09	3.97E-10	1.59E-09	9.29E-10	1.91E-10	1.12E-09
6813	624309.97	4267031.4	6.05E-09	2.08E-09	8.13E-09	5.05E-09	1.56E-09	6.61E-09	1.20E-09	3.98E-10	1.60E-09	9.33E-10	1.92E-10	1.13E-09
6814	624300.96	4267027.49	6.08E-09	2.09E-09	8.17E-09	5.08E-09	1.56E-09	6.64E-09	1.20E-09	4.00E-10	1.60E-09	9.38E-10	1.93E-10	1.13E-09
6815	624291.95	4267023.58	6.10E-09	2.10E-09	8.20E-09	5.10E-09	1.57E-09	6.67E-09	1.21E-09	4.02E-10	1.61E-09	9.42E-10	1.94E-10	1.14E-09
6816	624282.95	4267019.67	6.13E-09	2.11E-09	8.23E-09	5.12E-09	1.58E-09	6.70E-09	1.21E-09	4.04E-10	1.62E-09	9.45E-10	1.94E-10	1.14E-09
6817	624273.94	4267015.75	6.15E-09	2.11E-09	8.26E-09	5.14E-09	1.58E-09	6.72E-09	1.22E-09	4.05E-10	1.62E-09	9.49E-10	1.95E-10	1.14E-09
6818	624264.93	4267011.84	6.17E-09	2.12E-09	8.29E-09	5.16E-09	1.59E-09	6.75E-09	1.22E-09	4.07E-10	1.63E-09	9.52E-10	1.96E-10	1.15E-09
6819	624255.92	4267007.93	6.19E-09	2.13E-09	8.32E-09	5.17E-09	1.59E-09	6.77E-09	1.23E-09	4.08E-10	1.63E-09	9.55E-10	1.96E-10	1.15E-09
6820	624246.92	4267004.02	6.21E-09	2.14E-09	8.35E-09	5.19E-09	1.60E-09	6.79E-09	1.23E-09	4.09E-10	1.64E-09	9.58E-10	1.97E-10	1.16E-09
6821	624237.91	4267000.11	6.23E-09	2.14E-09	8.37E-09	5.20E-09	1.60E-09	6.81E-09	1.23E-09	4.10E-10	1.64E-09	9.61E-10	1.98E-10	1.16E-09
6822	624228.9	4266996.19	6.24E-09	2.15E-09	8.39E-09	5.22E-09	1.61E-09	6.82E-09	1.24E-09	4.11E-10	1.65E-09	9.63E-10	1.98E-10	1.16E-09
6823	624219.89	4266992.28	6.25E-09	2.15E-09	8.40E-09	5.23E-09	1.61E-09	6.84E-09	1.24E-09	4.12E-10	1.65E-09	9.65E-10	1.98E-10	1.16E-09
6824	624210.88	4266988.37	6.26E-09	2.15E-09	8.42E-09	5.24E-09	1.61E-09	6.85E-09	1.24E-09	4.13E-10	1.65E-09	9.67E-10	1.99E-10	1.17E-09
6825	624201.88	4266984.46	6.27E-09	2.16E-09	8.43E-09	5.24E-09	1.61E-09	6.86E-09	1.24E-09	4.13E-10	1.65E-09	9.68E-10	1.99E-10	1.17E-09
6826	624192.87	4266980.55	6.28E-09	2.16E-09	8.44E-09	5.25E-09	1.62E-09	6.86E-09	1.24E-09	4.14E-10	1.66E-09	9.69E-10	1.99E-10	1.17E-09
6827	624183.86	4266976.64	6.28E-09	2.16E-09	8.44E-09	5.25E-09	1.62E-09	6.87E-09	1.24E-09	4.14E-10	1.66E-09	9.69E-10	1.99E-10	1.17E-09

6828	624174.85	4266972.72	6.28E-09	2.16E-09	8.44E-09	5.25E-09	1.62E-09	6.87E-09	1.24E-09	4.14E-10	1.66E-09	9.69E-10	1.99E-10	1.17E-09
6829	624165.85	4266968.81	6.28E-09	2.16E-09	8.44E-09	5.25E-09	1.62E-09	6.87E-09	1.24E-09	4.14E-10	1.66E-09	9.69E-10	1.99E-10	1.17E-09
6830	624156.84	4266964.9	6.28E-09	2.16E-09	8.44E-09	5.25E-09	1.62E-09	6.87E-09	1.24E-09	4.14E-10	1.66E-09	9.69E-10	1.99E-10	1.17E-09
6831	624147.83	4266960.99	6.28E-09	2.16E-09	8.44E-09	5.25E-09	1.62E-09	6.86E-09	1.24E-09	4.14E-10	1.66E-09	9.69E-10	1.99E-10	1.17E-09
6832	624138.82	4266957.08	6.28E-09	2.16E-09	8.43E-09	5.25E-09	1.62E-09	6.86E-09	1.24E-09	4.13E-10	1.66E-09	9.68E-10	1.99E-10	1.17E-09
6833	624129.82	4266953.16	6.27E-09	2.16E-09	8.43E-09	5.24E-09	1.61E-09	6.86E-09	1.24E-09	4.13E-10	1.65E-09	9.68E-10	1.99E-10	1.17E-09
6834	624120.81	4266949.25	6.27E-09	2.16E-09	8.43E-09	5.24E-09	1.61E-09	6.85E-09	1.24E-09	4.13E-10	1.65E-09	9.67E-10	1.99E-10	1.17E-09
6835	623742.49	4266784.96	4.87E-09	1.67E-09	6.54E-09	4.07E-09	1.25E-09	5.32E-09	9.64E-10	3.21E-10	1.28E-09	7.51E-10	1.55E-10	9.06E-10
6836	623733.48	4266781.04	4.81E-09	1.65E-09	6.46E-09	4.02E-09	1.24E-09	5.26E-09	9.52E-10	3.17E-10	1.27E-09	7.42E-10	1.53E-10	8.95E-10
6837	623724.48	4266777.13	4.75E-09	1.63E-09	6.38E-09	3.97E-09	1.22E-09	5.19E-09	9.40E-10	3.13E-10	1.25E-09	7.33E-10	1.51E-10	8.84E-10
6838	623715.47	4266773.22	4.69E-09	1.61E-09	6.31E-09	3.92E-09	1.21E-09	5.13E-09	9.29E-10	3.09E-10	1.24E-09	7.24E-10	1.49E-10	8.73E-10
6839	623702.84	4266760.18	4.63E-09	1.59E-09	6.22E-09	3.87E-09	1.19E-09	5.06E-09	9.16E-10	3.05E-10	1.22E-09	7.14E-10	1.47E-10	8.61E-10
6840	623699.22	4266751.05	4.62E-09	1.59E-09	6.21E-09	3.86E-09	1.19E-09	5.05E-09	9.15E-10	3.04E-10	1.22E-09	7.13E-10	1.47E-10	8.60E-10
6841	623695.61	4266741.92	4.61E-09	1.59E-09	6.20E-09	3.86E-09	1.19E-09	5.04E-09	9.13E-10	3.04E-10	1.22E-09	7.12E-10	1.46E-10	8.58E-10
6842	623691.99	4266732.79	4.60E-09	1.58E-09	6.19E-09	3.85E-09	1.19E-09	5.03E-09	9.11E-10	3.03E-10	1.21E-09	7.10E-10	1.46E-10	8.57E-10
6843	623688.37	4266723.66	4.60E-09	1.58E-09	6.18E-09	3.84E-09	1.18E-09	5.03E-09	9.10E-10	3.03E-10	1.21E-09	7.09E-10	1.46E-10	8.55E-10
6844	623684.75	4266714.53	4.59E-09	1.58E-09	6.17E-09	3.83E-09	1.18E-09	5.02E-09	9.08E-10	3.02E-10	1.21E-09	7.08E-10	1.46E-10	8.54E-10
6845	623681.13	4266705.4	4.58E-09	1.58E-09	6.16E-09	3.83E-09	1.18E-09	5.01E-09	9.07E-10	3.02E-10	1.21E-09	7.07E-10	1.45E-10	8.52E-10
6846	623677.51	4266696.27	4.57E-09	1.57E-09	6.14E-09	3.82E-09	1.18E-09	5.00E-09	9.05E-10	3.01E-10	1.21E-09	7.06E-10	1.45E-10	8.51E-10
6847	623673.89	4266687.14	4.56E-09	1.57E-09	6.13E-09	3.82E-09	1.18E-09	4.99E-09	9.04E-10	3.01E-10	1.20E-09	7.04E-10	1.45E-10	8.49E-10
6848	623670.28	4266678.02	4.56E-09	1.57E-09	6.12E-09	3.81E-09	1.17E-09	4.98E-09	9.02E-10	3.00E-10	1.20E-09	7.03E-10	1.45E-10	8.48E-10
6849	623666.66	4266668.89	4.55E-09	1.56E-09	6.11E-09	3.80E-09	1.17E-09	4.97E-09	9.01E-10	3.00E-10	1.20E-09	7.02E-10	1.44E-10	8.47E-10
6850	623663.04	4266659.76	4.54E-09	1.56E-09	6.11E-09	3.80E-09	1.17E-09	4.97E-09	8.99E-10	2.99E-10	1.20E-09	7.01E-10	1.44E-10	8.45E-10
6851	623659.42	4266650.63	4.54E-09	1.56E-09	6.10E-09	3.79E-09	1.17E-09	4.96E-09	8.98E-10	2.99E-10	1.20E-09	7.00E-10	1.44E-10	8.44E-10
6852	623655.8	4266641.5	4.53E-09	1.56E-09	6.09E-09	3.79E-09	1.17E-09	4.95E-09	8.96E-10	2.98E-10	1.19E-09	6.99E-10	1.44E-10	8.43E-10
6853	623652.18	4266632.37	4.52E-09	1.56E-09	6.08E-09	3.78E-09	1.16E-09	4.94E-09	8.95E-10	2.98E-10	1.19E-09	6.98E-10	1.44E-10	8.41E-10
6854	623648.56	4266623.24	4.52E-09	1.55E-09	6.07E-09	3.77E-09	1.16E-09	4.94E-09	8.94E-10	2.98E-10	1.19E-09	6.97E-10	1.43E-10	8.40E-10
6855	623644.94	4266614.11	4.51E-09	1.55E-09	6.06E-09	3.77E-09	1.16E-09	4.93E-09	8.93E-10	2.97E-10	1.19E-09	6.96E-10	1.43E-10	8.39E-10
6856	623641.33	4266604.98	4.50E-09	1.55E-09	6.05E-09	3.77E-09	1.16E-09	4.92E-09	8.92E-10	2.97E-10	1.19E-09	6.95E-10	1.43E-10	8.38E-10
6857	623637.71	4266595.85	4.50E-09	1.55E-09	6.05E-09	3.76E-09	1.16E-09	4.92E-09	8.91E-10	2.96E-10	1.19E-09	6.94E-10	1.43E-10	8.37E-10
6858	623634.09	4266586.72	4.50E-09	1.55E-09	6.04E-09	3.76E-09	1.16E-09	4.92E-09	8.90E-10	2.96E-10	1.19E-09	6.94E-10	1.43E-10	8.36E-10
6859	623630.47	4266577.59	4.49E-09	1.55E-09	6.04E-09	3.76E-09	1.16E-09	4.91E-09	8.89E-10	2.96E-10	1.19E-09	6.93E-10	1.43E-10	8.36E-10
6860	623626.85	4266568.46	4.49E-09	1.54E-09	6.04E-09	3.75E-09	1.16E-09	4.91E-09	8.89E-10	2.96E-10	1.19E-09	6.93E-10	1.43E-10	8.36E-10
6861	623623.23	4266559.34	4.49E-09	1.54E-09	6.04E-09	3.75E-09	1.16E-09	4.91E-09	8.89E-10	2.96E-10	1.18E-09	6.93E-10	1.43E-10	8.35E-10
6862	623619.61	4266550.21	4.49E-09	1.54E-09	6.04E-09	3.75E-09	1.16E-09	4.91E-09	8.89E-10	2.96E-10	1.18E-09	6.93E-10	1.43E-10	8.36E-10
6863	624336.99	4267043.14	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.53E-09	6.51E-09	1.18E-09	3.93E-10	1.57E-09	9.19E-10	1.89E-10	1.11E-09
6864	624346.88	4267043.31	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.53E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
6865	624356.77	4267043.49	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.53E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
6866	624366.66	4267043.67	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.54E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
6867	624376.55	4267043.84	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.54E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
6868	624386.44	4267044.02	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.54E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
6869	624396.33	4267044.2	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.54E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
6870	624406.21	4267044.37	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.54E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
6871	624416.1	4267044.55	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.54E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
6872	624425.99	4267044.73	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.54E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
6873	624435.88	4267044.9	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.53E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
6874	624445.77	4267045.08	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.53E-09	6.51E-09	1.18E-09	3.92E-10	1.57E-09	9.19E-10	1.89E-10	1.11E-09
6875	624455.66	4267045.26	5.95E-09	2.05E-09	8.00E-09	4.98E-09	1.53E-09	6.51E-09	1.18E-09	3.92E-10	1.57E-09	9.19E-10	1.89E-10	1.11E-09
6876	624465.55	4267045.43	5.95E-09	2.05E-09	7.99E-09	4.97E-09	1.53E-09	6.50E-09	1.18E-09	3.92E-10	1.57E-09	9.18E-10	1.89E-10	1.11E-09
6877	624475.44	4267045.61	5.94E-09	2.04E-09	7.98E-09	4.97E-09	1.53E-09	6.50E-09	1.18E-09	3.91E-10	1.57E-09	9.17E-10	1.89E-10	1.11E-09
6878	624485.33	4267045.79	5.93E-09	2.04E-09	7.97E-09	4.96E-09	1.53E-09	6.49E-09	1.17E-09	3.91E-10	1.57E-09	9.16E-10	1.88E-10	1.10E-09
6879	624495.22	4267045.96	5.92E-09	2.04E-09	7.96E-09	4.95E-09	1.53E-09	6.48E-09	1.17E-09	3.90E-10	1.56E-09	9.14E-10	1.88E-10	1.10E-09
6880	624505.11	4267046.14	5.91E-09	2.03E-09	7.95E-09	4.94E-09	1.52E-09	6.46E-09	1.17E-09	3.90E-10	1.56E-09	9.12E-10	1.88E-10	1.10E-09
6881	624515	4267046.32	5.90E-09	2.03E-09	7.93E-09	4.93E-09	1.52E-09	6.45E-09	1.17E-09	3.89E-10	1.56E-09	9.10E-10	1.87E-10	1.10E-09
6882	624524.89	4267046.49	5.89E-09	2.02E-09	7.91E-09	4.92E-09	1.52E-09	6.44E-09	1.17E-09	3.88E-10	1.55E-09	9.08E-10	1.87E-10	1.10E-09
6883	624534.77	4267046.67	5.87E-09	2.02E-09	7.89E-09	4.91E-09	1.51E-09	6.42E-09	1.16E-09	3.87E-10	1.55E-09	9.06E-10	1.86E-10	1.09E-09
6884	624544.66	4267046.85	5.85E-09	2.01E-09	7.87E-09	4.89E-09	1.51E-09	6.40E-09	1.16E-09	3.86E-10	1.54E-09	9.03E-10	1.86E-10	1.09E-09
6885	624554.55	4267047.02	5.84E-09	2.01E-09	7.84E-09	4.88E-09	1.50E-09	6.38E-09	1.16E-09	3.85E-10	1.54E-09	9.01E-10	1.85E-10	1.09E-09
6886	624564.44	4267047.2	5.82E-09	2.00E-09	7.82E-09	4.86E-09	1.50E-09	6.36E-09	1.15E-09	3.83E-10	1.53E-09	8.98E-10	1.85E-10	1.08E-09
6887	624574.33	4267047.37	5.80E-09	1.99E-09	7.79E-09	4.84E-09	1.49E-09	6.34E-09	1.15E-09	3.82E-10	1.53E-09	8.94E-10	1.84E-10	1.08E-09
6888	624584.22	4267047.55	5.78E-09	1.99E-09	7.76E-09	4.83E-09	1.49E-09	6.31E-09	1.14E-09	3.81E-10	1.52E-09	8.91E-10	1.83E-10	1.07E-09
6889	624594.11	4267047.73	5.75E-09	1.98E-09	7.73E-09	4.81E-09	1.48E-09	6.29E-09	1.14E-09	3.79E-10	1.52E-09	8.88E-10	1.83E-10	1.07E-09
6890	624604	4267047.9	5.73E-09	1.97E-09	7.70E-09	4.79E-09	1.48E-09	6.27E-09	1.13E-09	3.78E-10	1.51E-09	8.84E-10	1.82E-10	1.07E-09
6891	624613.89	4267048.08	5.71E-09	1.96E-09	7.67E-09	4.77E-09	1.47E-09	6.24E-09	1.13E-09	3.76E-10	1.51E-09	8.81E-10	1.81E-10	1.06E-09
6892	624623.78	4267048.26	5.69E-09	1.96E-09	7.64E-09	4.75E-09	1.46E-09	6.22E-09	1.13E-09	3.75E-10	1.50E-09	8.78E-10	1.80E-10	1.06E-09
6893	624633.67	4267048.43	5.67E-09	1.95E-09	7.62E-09	4.74E-09	1.46E-09	6.20E-09	1.12E-09	3.73E-10	1.50E-09	8.74E-10	1.80E-10	1.05E-09
6894	624643.56	4267048.61	5.65E-09	1.94E-09	7.59E-09	4.72E-09	1.45E-09	6.17E-09	1.12E-09	3.72E-10	1.49E-09	8.71E-10	1.79E-10	1.05E-09
6895	624653.44	4267048.79	5.63E-09	1.94E-09	7.56E-09	4.70E-09	1.45E-09	6.15E-09	1.11E-09	3.71E-10	1.48E-09	8.69E-10	1.79E-10	1.05E-09
6896	624663.33	4267048.96	5.61E-09	1.93E-09	7.54E-09	4.69E-09	1.44E-09	6.13E-09	1.11E-09	3.70E-10	1.48E-09	8.66E-10	1.78E-10	1.04E-09

6897	624673.22	4267049.14	5.59E-09	1.92E-09	7.52E-09	4.68E-09	1.44E-09	6.12E-09	1.11E-09	3.69E-10	1.48E-09	8.63E-10	1.78E-10	1.04E-09
6898	624683.11	4267049.32	5.58E-09	1.92E-09	7.50E-09	4.66E-09	1.44E-09	6.10E-09	1.10E-09	3.68E-10	1.47E-09	8.61E-10	1.77E-10	1.04E-09
6899	624693	4267049.49	5.57E-09	1.91E-09	7.48E-09	4.65E-09	1.43E-09	6.09E-09	1.10E-09	3.67E-10	1.47E-09	8.59E-10	1.77E-10	1.04E-09
6900	624702.89	4267049.67	5.55E-09	1.91E-09	7.46E-09	4.64E-09	1.43E-09	6.07E-09	1.10E-09	3.66E-10	1.47E-09	8.57E-10	1.76E-10	1.03E-09
6901	624712.78	4267049.85	5.54E-09	1.91E-09	7.45E-09	4.63E-09	1.43E-09	6.06E-09	1.10E-09	3.65E-10	1.46E-09	8.55E-10	1.76E-10	1.03E-09
6902	624722.67	4267050.02	5.54E-09	1.90E-09	7.44E-09	4.63E-09	1.43E-09	6.05E-09	1.10E-09	3.65E-10	1.46E-09	8.54E-10	1.76E-10	1.03E-09
6903	624732.56	4267050.2	5.53E-09	1.90E-09	7.43E-09	4.62E-09	1.42E-09	6.04E-09	1.09E-09	3.64E-10	1.46E-09	8.53E-10	1.75E-10	1.03E-09
6904	624742.45	4267050.38	5.52E-09	1.90E-09	7.42E-09	4.62E-09	1.42E-09	6.04E-09	1.09E-09	3.64E-10	1.46E-09	8.52E-10	1.75E-10	1.03E-09
6905	624752.34	4267050.55	5.52E-09	1.90E-09	7.42E-09	4.61E-09	1.42E-09	6.04E-09	1.09E-09	3.64E-10	1.46E-09	8.52E-10	1.75E-10	1.03E-09
6906	624762.23	4267050.73	5.52E-09	1.90E-09	7.41E-09	4.61E-09	1.42E-09	6.03E-09	1.09E-09	3.64E-10	1.46E-09	8.51E-10	1.75E-10	1.03E-09
6907	624772.12	4267050.91	5.52E-09	1.90E-09	7.41E-09	4.61E-09	1.42E-09	6.03E-09	1.09E-09	3.63E-10	1.46E-09	8.51E-10	1.75E-10	1.03E-09
6908	624782	4267051.08	5.51E-09	1.90E-09	7.41E-09	4.61E-09	1.42E-09	6.03E-09	1.09E-09	3.63E-10	1.45E-09	8.51E-10	1.75E-10	1.03E-09
6909	624791.89	4267051.26	5.51E-09	1.90E-09	7.41E-09	4.61E-09	1.42E-09	6.03E-09	1.09E-09	3.63E-10	1.45E-09	8.51E-10	1.75E-10	1.03E-09
6910	624801.78	4267051.44	5.51E-09	1.90E-09	7.41E-09	4.61E-09	1.42E-09	6.03E-09	1.09E-09	3.63E-10	1.45E-09	8.51E-10	1.75E-10	1.03E-09
6911	624811.67	4267051.61	5.51E-09	1.90E-09	7.41E-09	4.61E-09	1.42E-09	6.03E-09	1.09E-09	3.63E-10	1.45E-09	8.51E-10	1.75E-10	1.03E-09
6912	624821.56	4267051.79	5.51E-09	1.90E-09	7.41E-09	4.61E-09	1.42E-09	6.03E-09	1.09E-09	3.63E-10	1.45E-09	8.51E-10	1.75E-10	1.03E-09
6913	624831.45	4267051.97	5.51E-09	1.90E-09	7.41E-09	4.61E-09	1.42E-09	6.03E-09	1.09E-09	3.63E-10	1.45E-09	8.51E-10	1.75E-10	1.03E-09
6914	624326.22	4267139.22	5.23E-09	1.80E-09	7.03E-09	4.37E-09	1.35E-09	5.72E-09	1.04E-09	3.45E-10	1.38E-09	8.07E-10	1.66E-10	9.73E-10
6915	624317.24	4267135.32	5.25E-09	1.81E-09	7.06E-09	4.39E-09	1.35E-09	5.75E-09	1.04E-09	3.46E-10	1.39E-09	8.11E-10	1.67E-10	9.78E-10
6916	624308.26	4267131.42	5.28E-09	1.81E-09	7.09E-09	4.41E-09	1.36E-09	5.77E-09	1.04E-09	3.48E-10	1.39E-09	8.14E-10	1.67E-10	9.82E-10
6917	624299.28	4267127.52	5.30E-09	1.82E-09	7.12E-09	4.43E-09	1.36E-09	5.79E-09	1.05E-09	3.49E-10	1.40E-09	8.18E-10	1.68E-10	9.86E-10
6918	624290.3	4267123.62	5.32E-09	1.83E-09	7.15E-09	4.45E-09	1.37E-09	5.82E-09	1.05E-09	3.50E-10	1.40E-09	8.21E-10	1.69E-10	9.90E-10
6919	624281.31	4267119.72	5.34E-09	1.84E-09	7.18E-09	4.46E-09	1.37E-09	5.84E-09	1.06E-09	3.52E-10	1.41E-09	8.24E-10	1.69E-10	9.93E-10
6920	624272.33	4267115.82	5.36E-09	1.84E-09	7.20E-09	4.48E-09	1.38E-09	5.86E-09	1.06E-09	3.53E-10	1.41E-09	8.27E-10	1.70E-10	9.97E-10
6921	624263.35	4267111.92	5.38E-09	1.85E-09	7.22E-09	4.49E-09	1.38E-09	5.88E-09	1.06E-09	3.54E-10	1.42E-09	8.29E-10	1.71E-10	1.00E-09
6922	624254.37	4267108.01	5.39E-09	1.85E-09	7.25E-09	4.51E-09	1.39E-09	5.89E-09	1.07E-09	3.55E-10	1.42E-09	8.32E-10	1.71E-10	1.00E-09
6923	624245.39	4267104.11	5.41E-09	1.86E-09	7.27E-09	4.52E-09	1.39E-09	5.91E-09	1.07E-09	3.56E-10	1.43E-09	8.34E-10	1.72E-10	1.01E-09
6924	624236.4	4267100.21	5.42E-09	1.86E-09	7.28E-09	4.53E-09	1.40E-09	5.93E-09	1.07E-09	3.57E-10	1.43E-09	8.36E-10	1.72E-10	1.01E-09
6925	624227.42	4267096.31	5.43E-09	1.87E-09	7.30E-09	4.54E-09	1.40E-09	5.94E-09	1.08E-09	3.58E-10	1.43E-09	8.38E-10	1.72E-10	1.01E-09
6926	624218.44	4267092.41	5.45E-09	1.87E-09	7.32E-09	4.55E-09	1.40E-09	5.95E-09	1.08E-09	3.59E-10	1.44E-09	8.40E-10	1.73E-10	1.01E-09
6927	624209.46	4267088.51	5.46E-09	1.88E-09	7.33E-09	4.56E-09	1.40E-09	5.96E-09	1.08E-09	3.59E-10	1.44E-09	8.42E-10	1.73E-10	1.01E-09
6928	624200.48	4267084.61	5.46E-09	1.88E-09	7.34E-09	4.57E-09	1.41E-09	5.97E-09	1.08E-09	3.60E-10	1.44E-09	8.43E-10	1.73E-10	1.02E-09
6929	624191.49	4267080.71	5.47E-09	1.88E-09	7.35E-09	4.57E-09	1.41E-09	5.98E-09	1.08E-09	3.60E-10	1.44E-09	8.44E-10	1.74E-10	1.02E-09
6930	624182.51	4267076.81	5.47E-09	1.88E-09	7.36E-09	4.58E-09	1.41E-09	5.99E-09	1.08E-09	3.61E-10	1.44E-09	8.45E-10	1.74E-10	1.02E-09
6931	624173.53	4267072.91	5.48E-09	1.88E-09	7.36E-09	4.58E-09	1.41E-09	5.99E-09	1.08E-09	3.61E-10	1.45E-09	8.45E-10	1.74E-10	1.02E-09
6932	624164.55	4267069.01	5.48E-09	1.88E-09	7.36E-09	4.58E-09	1.41E-09	5.99E-09	1.08E-09	3.61E-10	1.45E-09	8.46E-10	1.74E-10	1.02E-09
6933	624335.2	4267143.12	5.21E-09	1.79E-09	7.00E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.43E-10	1.37E-09	8.04E-10	1.65E-10	9.69E-10
6934	624345.09	4267143.3	5.21E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.43E-10	1.38E-09	8.04E-10	1.65E-10	9.70E-10
6935	624354.98	4267143.47	5.21E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.65E-10	9.70E-10
6936	624364.87	4267143.65	5.22E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.66E-10	9.70E-10
6937	624374.76	4267143.83	5.22E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.66E-10	9.71E-10
6938	624384.65	4267144	5.22E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.66E-10	9.71E-10
6939	624394.54	4267144.18	5.22E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.66E-10	9.71E-10
6940	624404.43	4267144.36	5.22E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.66E-10	9.70E-10
6941	624414.32	4267144.53	5.21E-09	1.79E-09	7.01E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.44E-10	1.38E-09	8.05E-10	1.65E-10	9.70E-10
6942	624424.21	4267144.71	5.21E-09	1.79E-09	7.00E-09	4.36E-09	1.34E-09	5.70E-09	1.03E-09	3.43E-10	1.37E-09	8.04E-10	1.65E-10	9.69E-10
6943	624434.1	4267144.89	5.21E-09	1.79E-09	7.00E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.03E-10	1.65E-10	9.69E-10
6944	624443.99	4267145.06	5.20E-09	1.79E-09	6.99E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.02E-10	1.65E-10	9.67E-10
6945	624453.88	4267145.24	5.19E-09	1.79E-09	6.98E-09	4.34E-09	1.34E-09	5.68E-09	1.03E-09	3.42E-10	1.37E-09	8.01E-10	1.65E-10	9.66E-10
6946	624463.76	4267145.42	5.18E-09	1.78E-09	6.96E-09	4.33E-09	1.33E-09	5.67E-09	1.03E-09	3.41E-10	1.37E-09	8.00E-10	1.64E-10	9.64E-10
6947	624473.65	4267145.59	5.17E-09	1.78E-09	6.95E-09	4.32E-09	1.33E-09	5.65E-09	1.02E-09	3.41E-10	1.36E-09	7.98E-10	1.64E-10	9.62E-10
6948	624483.54	4267145.77	5.16E-09	1.77E-09	6.93E-09	4.31E-09	1.33E-09	5.64E-09	1.02E-09	3.40E-10	1.36E-09	7.96E-10	1.64E-10	9.59E-10
6949	624493.43	4267145.95	5.14E-09	1.77E-09	6.91E-09	4.30E-09	1.32E-09	5.62E-09	1.02E-09	3.39E-10	1.36E-09	7.94E-10	1.63E-10	9.57E-10
6950	624503.32	4267146.12	5.13E-09	1.76E-09	6.89E-09	4.28E-09	1.32E-09	5.60E-09	1.01E-09	3.38E-10	1.35E-09	7.91E-10	1.63E-10	9.54E-10
6951	624513.21	4267146.3	5.11E-09	1.76E-09	6.86E-09	4.27E-09	1.32E-09	5.58E-09	1.01E-09	3.37E-10	1.35E-09	7.88E-10	1.62E-10	9.50E-10
6952	624523.1	4267146.48	5.09E-09	1.75E-09	6.84E-09	4.25E-09	1.31E-09	5.56E-09	1.01E-09	3.35E-10	1.34E-09	7.85E-10	1.61E-10	9.47E-10
6953	624532.99	4267146.65	5.07E-09	1.74E-09	6.81E-09	4.24E-09	1.30E-09	5.54E-09	1.00E-09	3.34E-10	1.34E-09	7.82E-10	1.61E-10	9.43E-10
6954	624542.88	4267146.83	5.05E-09	1.74E-09	6.78E-09	4.22E-09	1.30E-09	5.52E-09	9.99E-10	3.32E-10	1.33E-09	7.79E-10	1.60E-10	9.39E-10
6955	624552.77	4267147.01	5.02E-09	1.73E-09	6.75E-09	4.20E-09	1.29E-09	5.49E-09	9.94E-10	3.31E-10	1.33E-09	7.75E-10	1.59E-10	9.34E-10
6956	624562.66	4267147.18	5.00E-09	1.72E-09	6.72E-09	4.18E-09	1.29E-09	5.47E-09	9.90E-10	3.29E-10	1.32E-09	7.72E-10	1.59E-10	9.30E-10
6957	624572.55	4267147.36	4.98E-09	1.71E-09	6.69E-09	4.16E-09	1.28E-09	5.44E-09	9.85E-10	3.28E-10	1.31E-09	7.68E-10	1.58E-10	9.26E-10
6958	624582.43	4267147.54	4.95E-09	1.70E-09	6.66E-09	4.14E-09	1.28E-09	5.42E-09	9.80E-10	3.26E-10	1.31E-09	7.64E-10	1.57E-10	9.22E-10
6959	624592.32	4267147.71	4.93E-09	1.70E-09	6.63E-09	4.12E-09	1.27E-09	5.39E-09	9.76E-10	3.25E-10	1.30E-09	7.61E-10	1.56E-10	9.17E-10
6960	624602.21	4267147.89	4.91E-09	1.69E-09	6.60E-09	4.10E-09	1.26E-09	5.37E-09	9.72E-10	3.23E-10	1.30E-09	7.57E-10	1.56E-10	9.13E-10
6961	624612.1	4267148.07	4.89E-09	1.68E-09	6.57E-09	4.09E-09	1.26E-09	5.34E-09	9.67E-10	3.22E-10	1.29E-09	7.54E-10	1.55E-10	9.09E-10
6962	624621.99	4267148.24	4.87E-09	1.67E-09	6.54E-09	4.07E-09	1.25E-09	5.32E-09	9.63E-10	3.21E-10	1.28E-09	7.51E-10	1.54E-10	9.06E-10
6963	624631.88	4267148.42	4.85E-09	1.67E-09	6.51E-09	4.05E-09	1.25E-09	5.30E-09	9.60E-10	3.19E-10	1.28E-09	7.48E-10	1.54E-10	9.02E-10
6964	624641.77	4267148.6	4.83E-09	1.66E-09	6.49E-09	4.04E-09	1.24E-09	5.28E-09	9.56E-10	3.18E-10	1.27E-09	7.45E-10	1.53E-10	8.99E-10
6965	624651.66	4267148.77	4.81E-09	1.66E-09	6.47E-09	4.02E-09	1.24E-09	5.26E-09	9.53E-10	3.17E-10	1.27E-09	7.43E-10	1.53E-10	8.95E-10

6966	624661.55	4267148.95	4.80E-09	1.65E-09	6.45E-09	4.01E-09	1.24E-09	5.25E-09	9.50E-10	3.16E-10	1.27E-09	7.40E-10	1.52E-10	8.93E-10
6967	624671.44	4267149.12	4.78E-09	1.65E-09	6.43E-09	4.00E-09	1.23E-09	5.23E-09	9.47E-10	3.15E-10	1.26E-09	7.38E-10	1.52E-10	8.90E-10
6968	624681.33	4267149.3	4.77E-09	1.64E-09	6.41E-09	3.99E-09	1.23E-09	5.22E-09	9.45E-10	3.14E-10	1.26E-09	7.36E-10	1.51E-10	8.88E-10
6969	624691.22	4267149.48	4.76E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.42E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.86E-10
6970	624701.11	4267149.65	4.75E-09	1.63E-09	6.39E-09	3.97E-09	1.22E-09	5.20E-09	9.41E-10	3.13E-10	1.25E-09	7.33E-10	1.51E-10	8.84E-10
6971	624710.99	4267149.83	4.74E-09	1.63E-09	6.38E-09	3.97E-09	1.22E-09	5.19E-09	9.39E-10	3.13E-10	1.25E-09	7.32E-10	1.51E-10	8.83E-10
6972	624720.88	4267150.01	4.74E-09	1.63E-09	6.37E-09	3.96E-09	1.22E-09	5.18E-09	9.38E-10	3.12E-10	1.25E-09	7.31E-10	1.50E-10	8.82E-10
6973	624730.77	4267150.18	4.74E-09	1.63E-09	6.36E-09	3.96E-09	1.22E-09	5.18E-09	9.37E-10	3.12E-10	1.25E-09	7.31E-10	1.50E-10	8.81E-10
6974	624740.66	4267150.36	4.73E-09	1.63E-09	6.36E-09	3.96E-09	1.22E-09	5.18E-09	9.37E-10	3.12E-10	1.25E-09	7.30E-10	1.50E-10	8.81E-10
6975	624750.55	4267150.54	4.73E-09	1.63E-09	6.36E-09	3.95E-09	1.22E-09	5.17E-09	9.36E-10	3.12E-10	1.25E-09	7.30E-10	1.50E-10	8.80E-10
6976	624760.44	4267150.71	4.73E-09	1.63E-09	6.35E-09	3.95E-09	1.22E-09	5.17E-09	9.36E-10	3.12E-10	1.25E-09	7.30E-10	1.50E-10	8.80E-10
6977	624770.33	4267150.89	4.73E-09	1.63E-09	6.35E-09	3.95E-09	1.22E-09	5.17E-09	9.36E-10	3.11E-10	1.25E-09	7.29E-10	1.50E-10	8.79E-10
6978	624780.22	4267151.07	4.73E-09	1.63E-09	6.35E-09	3.95E-09	1.22E-09	5.17E-09	9.35E-10	3.11E-10	1.25E-09	7.29E-10	1.50E-10	8.79E-10
6979	624790.11	4267151.24	4.73E-09	1.63E-09	6.35E-09	3.95E-09	1.22E-09	5.17E-09	9.35E-10	3.11E-10	1.25E-09	7.29E-10	1.50E-10	8.79E-10
6980	624800	4267151.42	4.73E-09	1.63E-09	6.35E-09	3.95E-09	1.22E-09	5.17E-09	9.35E-10	3.11E-10	1.25E-09	7.29E-10	1.50E-10	8.79E-10
6981	624809.89	4267151.6	4.73E-09	1.63E-09	6.35E-09	3.95E-09	1.22E-09	5.17E-09	9.36E-10	3.11E-10	1.25E-09	7.29E-10	1.50E-10	8.79E-10
6982	624819.78	4267151.77	4.73E-09	1.63E-09	6.35E-09	3.95E-09	1.22E-09	5.17E-09	9.36E-10	3.11E-10	1.25E-09	7.29E-10	1.50E-10	8.79E-10
6983	624829.66	4267151.95	4.73E-09	1.63E-09	6.35E-09	3.95E-09	1.22E-09	5.17E-09	9.36E-10	3.11E-10	1.25E-09	7.30E-10	1.50E-10	8.80E-10
6984	624070.49	4267128.92	4.83E-09	1.66E-09	6.49E-09	4.04E-09	1.24E-09	5.28E-09	9.56E-10	3.18E-10	1.27E-09	7.46E-10	1.53E-10	8.99E-10
6985	624061.43	4267124.98	4.83E-09	1.66E-09	6.50E-09	4.04E-09	1.24E-09	5.28E-09	9.57E-10	3.18E-10	1.28E-09	7.46E-10	1.53E-10	8.99E-10
6986	624052.36	4267121.05	4.84E-09	1.66E-09	6.50E-09	4.04E-09	1.25E-09	5.29E-09	9.57E-10	3.19E-10	1.28E-09	7.46E-10	1.53E-10	9.00E-10
6987	624043.29	4267117.11	4.84E-09	1.66E-09	6.51E-09	4.05E-09	1.25E-09	5.29E-09	9.58E-10	3.19E-10	1.28E-09	7.47E-10	1.54E-10	9.01E-10
6988	624034.23	4267113.17	4.85E-09	1.67E-09	6.51E-09	4.05E-09	1.25E-09	5.30E-09	9.59E-10	3.19E-10	1.28E-09	7.48E-10	1.54E-10	9.02E-10
6989	624025.16	4267109.23	4.85E-09	1.67E-09	6.52E-09	4.06E-09	1.25E-09	5.31E-09	9.61E-10	3.20E-10	1.28E-09	7.49E-10	1.54E-10	9.03E-10
6990	624016.09	4267105.3	4.86E-09	1.67E-09	6.53E-09	4.06E-09	1.25E-09	5.31E-09	9.62E-10	3.20E-10	1.28E-09	7.50E-10	1.54E-10	9.04E-10
6991	624007.03	4267101.36	4.87E-09	1.67E-09	6.54E-09	4.07E-09	1.25E-09	5.32E-09	9.64E-10	3.21E-10	1.28E-09	7.51E-10	1.55E-10	9.06E-10
6992	623997.96	4267097.42	4.88E-09	1.68E-09	6.55E-09	4.08E-09	1.26E-09	5.33E-09	9.65E-10	3.21E-10	1.29E-09	7.53E-10	1.55E-10	9.07E-10
6993	623988.9	4267093.48	4.89E-09	1.68E-09	6.57E-09	4.08E-09	1.26E-09	5.34E-09	9.67E-10	3.22E-10	1.29E-09	7.54E-10	1.55E-10	9.09E-10
6994	623979.83	4267089.55	4.89E-09	1.68E-09	6.58E-09	4.09E-09	1.26E-09	5.35E-09	9.69E-10	3.22E-10	1.29E-09	7.55E-10	1.55E-10	9.11E-10
6995	623970.76	4267085.61	4.90E-09	1.69E-09	6.59E-09	4.10E-09	1.26E-09	5.36E-09	9.71E-10	3.23E-10	1.29E-09	7.57E-10	1.56E-10	9.12E-10
6996	623961.7	4267081.67	4.91E-09	1.69E-09	6.60E-09	4.10E-09	1.26E-09	5.37E-09	9.72E-10	3.24E-10	1.30E-09	7.58E-10	1.56E-10	9.14E-10
6997	623952.63	4267077.73	4.92E-09	1.69E-09	6.61E-09	4.11E-09	1.27E-09	5.37E-09	9.73E-10	3.24E-10	1.30E-09	7.59E-10	1.56E-10	9.15E-10
6998	623943.56	4267073.8	4.92E-09	1.69E-09	6.61E-09	4.11E-09	1.27E-09	5.38E-09	9.74E-10	3.24E-10	1.30E-09	7.59E-10	1.56E-10	9.15E-10
6999	623934.5	4267069.86	4.92E-09	1.69E-09	6.62E-09	4.11E-09	1.27E-09	5.38E-09	9.74E-10	3.24E-10	1.30E-09	7.60E-10	1.56E-10	9.16E-10
7000	623925.43	4267065.92	4.93E-09	1.69E-09	6.62E-09	4.12E-09	1.27E-09	5.38E-09	9.75E-10	3.24E-10	1.30E-09	7.60E-10	1.56E-10	9.16E-10
7001	623916.36	4267061.98	4.93E-09	1.69E-09	6.62E-09	4.12E-09	1.27E-09	5.38E-09	9.75E-10	3.24E-10	1.30E-09	7.60E-10	1.56E-10	9.16E-10
7002	623907.3	4267058.05	4.92E-09	1.69E-09	6.62E-09	4.11E-09	1.27E-09	5.38E-09	9.74E-10	3.24E-10	1.30E-09	7.60E-10	1.56E-10	9.16E-10
7003	623898.23	4267054.11	4.92E-09	1.69E-09	6.61E-09	4.11E-09	1.27E-09	5.38E-09	9.74E-10	3.24E-10	1.30E-09	7.59E-10	1.56E-10	9.15E-10
7004	623889.17	4267050.17	4.91E-09	1.69E-09	6.60E-09	4.11E-09	1.26E-09	5.37E-09	9.72E-10	3.24E-10	1.30E-09	7.58E-10	1.56E-10	9.14E-10
7005	623880.1	4267046.23	4.90E-09	1.69E-09	6.59E-09	4.10E-09	1.26E-09	5.36E-09	9.70E-10	3.23E-10	1.29E-09	7.56E-10	1.56E-10	9.12E-10
7006	623871.03	4267042.3	4.89E-09	1.68E-09	6.57E-09	4.09E-09	1.26E-09	5.34E-09	9.68E-10	3.22E-10	1.29E-09	7.54E-10	1.55E-10	9.10E-10
7007	623861.97	4267038.36	4.87E-09	1.68E-09	6.55E-09	4.07E-09	1.25E-09	5.33E-09	9.65E-10	3.21E-10	1.29E-09	7.52E-10	1.55E-10	9.07E-10
7008	623852.9	4267034.42	4.85E-09	1.67E-09	6.52E-09	4.06E-09	1.25E-09	5.31E-09	9.61E-10	3.20E-10	1.28E-09	7.49E-10	1.54E-10	9.03E-10
7009	623843.83	4267030.49	4.83E-09	1.66E-09	6.50E-09	4.04E-09	1.24E-09	5.29E-09	9.57E-10	3.18E-10	1.28E-09	7.46E-10	1.53E-10	8.99E-10
7010	623834.77	4267026.55	4.81E-09	1.65E-09	6.47E-09	4.02E-09	1.24E-09	5.26E-09	9.52E-10	3.17E-10	1.27E-09	7.42E-10	1.53E-10	8.95E-10
7011	624620.21	4267248.23	4.23E-09	1.45E-09	5.68E-09	3.53E-09	1.09E-09	4.62E-09	8.37E-10	2.79E-10	1.12E-09	6.53E-10	1.34E-10	7.87E-10
7012	624630.1	4267248.4	4.21E-09	1.45E-09	5.66E-09	3.52E-09	1.08E-09	4.60E-09	8.34E-10	2.77E-10	1.11E-09	6.50E-10	1.34E-10	7.84E-10
7013	624639.98	4267248.58	4.20E-09	1.44E-09	5.64E-09	3.51E-09	1.08E-09	4.59E-09	8.31E-10	2.76E-10	1.11E-09	6.47E-10	1.33E-10	7.81E-10
7014	624649.87	4267248.76	4.18E-09	1.44E-09	5.62E-09	3.50E-09	1.08E-09	4.57E-09	8.28E-10	2.76E-10	1.10E-09	6.45E-10	1.33E-10	7.78E-10
7015	624659.76	4267248.93	4.17E-09	1.43E-09	5.60E-09	3.49E-09	1.07E-09	4.56E-09	8.25E-10	2.75E-10	1.10E-09	6.43E-10	1.32E-10	7.76E-10
7016	624669.65	4267249.11	4.16E-09	1.43E-09	5.59E-09	3.48E-09	1.07E-09	4.55E-09	8.23E-10	2.74E-10	1.10E-09	6.42E-10	1.32E-10	7.74E-10
7017	624679.54	4267249.29	4.15E-09	1.43E-09	5.58E-09	3.47E-09	1.07E-09	4.54E-09	8.21E-10	2.73E-10	1.09E-09	6.40E-10	1.32E-10	7.72E-10
7018	624689.43	4267249.46	4.14E-09	1.42E-09	5.56E-09	3.46E-09	1.07E-09	4.53E-09	8.20E-10	2.73E-10	1.09E-09	6.39E-10	1.31E-10	7.70E-10
7019	624699.32	4267249.64	4.13E-09	1.42E-09	5.56E-09	3.46E-09	1.06E-09	4.52E-09	8.18E-10	2.72E-10	1.09E-09	6.38E-10	1.31E-10	7.69E-10
7020	624709.21	4267249.82	4.13E-09	1.42E-09	5.55E-09	3.45E-09	1.06E-09	4.51E-09	8.17E-10	2.72E-10	1.09E-09	6.37E-10	1.31E-10	7.68E-10
7021	624719.1	4267249.99	4.12E-09	1.42E-09	5.54E-09	3.45E-09	1.06E-09	4.51E-09	8.16E-10	2.72E-10	1.09E-09	6.36E-10	1.31E-10	7.67E-10
7022	624728.99	4267250.17	4.12E-09	1.42E-09	5.54E-09	3.44E-09	1.06E-09	4.50E-09	8.15E-10	2.71E-10	1.09E-09	6.36E-10	1.31E-10	7.66E-10
7023	624738.88	4267250.35	4.12E-09	1.42E-09	5.53E-09	3.44E-09	1.06E-09	4.50E-09	8.15E-10	2.71E-10	1.09E-09	6.35E-10	1.31E-10	7.66E-10
7024	624748.77	4267250.52	4.11E-09	1.41E-09	5.53E-09	3.44E-09	1.06E-09	4.50E-09	8.14E-10	2.71E-10	1.09E-09	6.35E-10	1.31E-10	7.65E-10
7025	624758.66	4267250.7	4.11E-09	1.41E-09	5.53E-09	3.44E-09	1.06E-09	4.50E-09	8.14E-10	2.71E-10	1.09E-09	6.35E-10	1.31E-10	7.65E-10
7026	624768.54	4267250.88	4.11E-09	1.41E-09	5.53E-09	3.44E-09	1.06E-09	4.50E-09	8.14E-10	2.71E-10	1.09E-09	6.35E-10	1.31E-10	7.65E-10
7027	624778.43	4267251.05	4.11E-09	1.41E-09	5.53E-09	3.44E-09	1.06E-09	4.50E-09	8.14E-10	2.71E-10	1.09E-09	6.35E-10	1.31E-10	7.65E-10
7028	624788.32	4267251.23	4.11E-09	1.41E-09	5.53E-09	3.44E-09	1.06E-09	4.50E-09	8.14E-10	2.71E-10	1.09E-09	6.35E-10	1.31E-10	7.65E-10
7029	624798.21	4267251.4	4.11E-09	1.41E-09	5.53E-09	3.44E-09	1.06E-09	4.50E-09	8.14E-10	2.71E-10	1.09E-09	6.35E-10	1.31E-10	7.65E-10
7030	624808.1	4267251.58	4.11E-09	1.41E-09	5.53E-09	3.44E-09	1.06E-09	4.50E-09	8.14E-10	2.71E-10	1.09E-09	6.35E-10	1.31E-10	7.65E-10
7031	624817.99	4267251.76	4.11E-09	1.41E-09	5.53E-09	3.44E-09	1.06E-09	4.50E-09	8.14E-10	2.71E-10	1.09E-09	6.35E-10	1.31E-10	7.65E-10
7032	624827.88	4267251.93	4.11E-09	1.41E-09	5.53E-09	3.44E-09	1.06E-09	4.50E-09	8.14E-10	2.71E-10	1.09E-09	6.35E-10	1.31E-10	7.65E-10
7033	624867.68	4266142.51	5.87E-08	2.02E-08	7.89E-08	4.91E-08	1.51E-08	6.42E-08	1.16E-08	3.87E-09	1.55E-08	9.06E-09	1.86E-09	1.09E-08
7034	624867.84	4266132.57	6.02E-08	2.07E-08	8.09E-08	5.03E-08	1.55E-08	6.59E-08	1.19E-08	3.97E-09	1.59E-08	9.29E-09	1.91E-09	1.12E-08

7035	624868.01	4266122.64	6.18E-08	2.12E-08	8.30E-08	5.16E-08	1.59E-08	6.76E-08	1.22E-08	4.07E-09	1.63E-08	9.53E-09	1.96E-09	1.15E-08
7036	624868.17	4266112.71	6.34E-08	2.18E-08	8.52E-08	5.30E-08	1.63E-08	6.93E-08	1.26E-08	4.18E-09	1.67E-08	9.79E-09	2.01E-09	1.18E-08
7037	624868.33	4266102.77	6.51E-08	2.24E-08	8.75E-08	5.44E-08	1.68E-08	7.12E-08	1.29E-08	4.29E-09	1.72E-08	1.00E-08	2.07E-09	1.21E-08
7038	624868.5	4266092.84	6.67E-08	2.30E-08	8.97E-08	5.58E-08	1.72E-08	7.30E-08	1.32E-08	4.40E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
7039	624868.66	4266082.91	6.84E-08	2.35E-08	9.19E-08	5.71E-08	1.76E-08	7.47E-08	1.35E-08	4.50E-09	1.80E-08	1.05E-08	2.17E-09	1.27E-08
7040	624868.83	4266072.97	6.99E-08	2.40E-08	9.40E-08	5.85E-08	1.80E-08	7.65E-08	1.38E-08	4.61E-09	1.85E-08	1.08E-08	2.22E-09	1.30E-08
7041	624868.99	4266063.04	7.14E-08	2.46E-08	9.60E-08	5.97E-08	1.84E-08	7.81E-08	1.41E-08	4.71E-09	1.88E-08	1.10E-08	2.27E-09	1.33E-08
7042	624869.15	4266053.11	7.28E-08	2.50E-08	9.79E-08	6.09E-08	1.88E-08	7.96E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.36E-08
7043	624869.32	4266043.17	7.42E-08	2.55E-08	9.97E-08	6.20E-08	1.91E-08	8.11E-08	1.47E-08	4.89E-09	1.96E-08	1.14E-08	2.35E-09	1.38E-08
7044	624869.48	4266033.24	7.54E-08	2.59E-08	1.01E-07	6.31E-08	1.94E-08	8.25E-08	1.49E-08	4.97E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
7045	624869.64	4266023.31	7.66E-08	2.63E-08	1.03E-07	6.40E-08	1.97E-08	8.38E-08	1.52E-08	5.05E-09	2.02E-08	1.18E-08	2.43E-09	1.43E-08
7046	624869.81	4266013.37	7.77E-08	2.67E-08	1.04E-07	6.49E-08	2.00E-08	8.49E-08	1.54E-08	5.12E-09	2.05E-08	1.20E-08	2.46E-09	1.44E-08
7047	624869.97	4266003.44	7.85E-08	2.70E-08	1.06E-07	6.56E-08	2.02E-08	8.58E-08	1.55E-08	5.17E-09	2.07E-08	1.21E-08	2.49E-09	1.46E-08
7048	624870.13	4265993.51	7.93E-08	2.73E-08	1.07E-07	6.63E-08	2.04E-08	8.67E-08	1.57E-08	5.22E-09	2.09E-08	1.22E-08	2.52E-09	1.47E-08
7049	624870.3	4265983.57	7.99E-08	2.75E-08	1.07E-07	6.68E-08	2.06E-08	8.73E-08	1.58E-08	5.26E-09	2.11E-08	1.23E-08	2.54E-09	1.49E-08
7050	624870.46	4265973.64	8.04E-08	2.77E-08	1.08E-07	6.72E-08	2.07E-08	8.79E-08	1.59E-08	5.30E-09	2.12E-08	1.24E-08	2.55E-09	1.50E-08
7051	624870.62	4265963.71	8.08E-08	2.78E-08	1.09E-07	6.76E-08	2.08E-08	8.84E-08	1.60E-08	5.33E-09	2.13E-08	1.25E-08	2.57E-09	1.50E-08
7052	624870.79	4265953.77	8.11E-08	2.79E-08	1.09E-07	6.78E-08	2.09E-08	8.87E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.57E-09	1.51E-08
7053	624870.95	4265943.84	8.13E-08	2.80E-08	1.09E-07	6.80E-08	2.09E-08	8.89E-08	1.61E-08	5.36E-09	2.15E-08	1.26E-08	2.58E-09	1.51E-08
7054	624871.12	4265933.91	8.15E-08	2.80E-08	1.09E-07	6.81E-08	2.10E-08	8.91E-08	1.61E-08	5.37E-09	2.15E-08	1.26E-08	2.58E-09	1.52E-08
7055	624871.28	4265923.97	8.15E-08	2.80E-08	1.09E-07	6.81E-08	2.10E-08	8.91E-08	1.61E-08	5.37E-09	2.15E-08	1.26E-08	2.59E-09	1.52E-08
7056	624871.44	4265914.04	8.14E-08	2.80E-08	1.09E-07	6.80E-08	2.10E-08	8.90E-08	1.61E-08	5.36E-09	2.15E-08	1.26E-08	2.58E-09	1.51E-08
7057	624871.61	4265904.11	8.12E-08	2.79E-08	1.09E-07	6.79E-08	2.09E-08	8.88E-08	1.61E-08	5.35E-09	2.14E-08	1.25E-08	2.58E-09	1.51E-08
7058	624871.77	4265894.17	8.09E-08	2.78E-08	1.09E-07	6.76E-08	2.08E-08	8.85E-08	1.60E-08	5.33E-09	2.13E-08	1.25E-08	2.57E-09	1.51E-08
7059	624871.93	4265884.24	8.06E-08	2.77E-08	1.08E-07	6.73E-08	2.07E-08	8.81E-08	1.59E-08	5.31E-09	2.13E-08	1.24E-08	2.56E-09	1.50E-08
7060	624872.1	4265874.31	8.01E-08	2.75E-08	1.08E-07	6.70E-08	2.06E-08	8.76E-08	1.59E-08	5.28E-09	2.11E-08	1.24E-08	2.54E-09	1.49E-08
7061	624872.26	4265864.37	7.95E-08	2.74E-08	1.07E-07	6.65E-08	2.05E-08	8.70E-08	1.57E-08	5.24E-09	2.10E-08	1.23E-08	2.52E-09	1.48E-08
7062	624872.42	4265854.44	7.89E-08	2.71E-08	1.06E-07	6.59E-08	2.03E-08	8.62E-08	1.56E-08	5.20E-09	2.08E-08	1.22E-08	2.50E-09	1.47E-08
7063	624872.59	4265844.51	7.81E-08	2.69E-08	1.05E-07	6.53E-08	2.01E-08	8.54E-08	1.55E-08	5.15E-09	2.06E-08	1.21E-08	2.48E-09	1.45E-08
7064	624872.75	4265834.57	7.72E-08	2.66E-08	1.04E-07	6.45E-08	1.99E-08	8.44E-08	1.53E-08	5.09E-09	2.04E-08	1.19E-08	2.45E-09	1.44E-08
7065	624872.91	4265824.64	7.63E-08	2.62E-08	1.03E-07	6.38E-08	1.96E-08	8.34E-08	1.51E-08	5.03E-09	2.01E-08	1.18E-08	2.42E-09	1.42E-08
7066	624873.08	4265814.71	7.53E-08	2.59E-08	1.01E-07	6.29E-08	1.94E-08	8.23E-08	1.49E-08	4.96E-09	1.99E-08	1.16E-08	2.39E-09	1.40E-08
7067	624873.24	4265804.77	7.41E-08	2.55E-08	9.96E-08	6.19E-08	1.91E-08	8.10E-08	1.47E-08	4.88E-09	1.96E-08	1.14E-08	2.35E-09	1.38E-08
7068	624873.4	4265794.84	7.28E-08	2.50E-08	9.79E-08	6.09E-08	1.88E-08	7.96E-08	1.44E-08	4.80E-09	1.92E-08	1.12E-08	2.31E-09	1.36E-08
7069	624873.57	4265784.91	7.15E-08	2.46E-08	9.61E-08	5.97E-08	1.84E-08	7.82E-08	1.41E-08	4.71E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
7070	624873.73	4265774.97	7.01E-08	2.41E-08	9.42E-08	5.86E-08	1.80E-08	7.66E-08	1.39E-08	4.62E-09	1.85E-08	1.08E-08	2.22E-09	1.30E-08
7071	624873.9	4265765.04	6.86E-08	2.36E-08	9.22E-08	5.74E-08	1.77E-08	7.50E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
7072	624874.06	4265755.11	6.72E-08	2.31E-08	9.03E-08	5.61E-08	1.73E-08	7.34E-08	1.33E-08	4.43E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
7073	624874.22	4265745.17	6.57E-08	2.26E-08	8.83E-08	5.49E-08	1.69E-08	7.19E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.09E-09	1.22E-08
7074	624874.39	4265735.24	6.43E-08	2.21E-08	8.64E-08	5.37E-08	1.66E-08	7.03E-08	1.27E-08	4.24E-09	1.70E-08	9.92E-09	2.04E-09	1.20E-08
7075	624874.55	4265725.31	6.29E-08	2.16E-08	8.45E-08	5.26E-08	1.62E-08	6.88E-08	1.25E-08	4.14E-09	1.66E-08	9.71E-09	2.00E-09	1.17E-08
7076	624874.71	4265715.37	6.15E-08	2.12E-08	8.27E-08	5.14E-08	1.58E-08	6.73E-08	1.22E-08	4.05E-09	1.62E-08	9.49E-09	1.95E-09	1.14E-08
7077	624874.88	4265705.44	6.01E-08	2.07E-08	8.08E-08	5.03E-08	1.55E-08	6.58E-08	1.19E-08	3.96E-09	1.59E-08	9.28E-09	1.91E-09	1.12E-08
7078	624875.04	4265695.51	5.88E-08	2.02E-08	7.90E-08	4.91E-08	1.51E-08	6.42E-08	1.16E-08	3.87E-09	1.55E-08	9.07E-09	1.86E-09	1.09E-08
7079	624875.2	4265685.57	5.73E-08	1.97E-08	7.70E-08	4.79E-08	1.48E-08	6.27E-08	1.13E-08	3.78E-09	1.51E-08	8.85E-09	1.82E-09	1.07E-08
7080	624861.24	4266176.49	5.67E-08	1.95E-08	7.62E-08	4.74E-08	1.46E-08	6.20E-08	1.12E-08	3.74E-09	1.50E-08	8.75E-09	1.80E-09	1.06E-08
7081	624877.68	4266142.67	5.32E-08	1.83E-08	7.14E-08	4.44E-08	1.37E-08	5.81E-08	1.05E-08	3.50E-09	1.40E-08	8.20E-09	1.69E-09	9.89E-09
7082	624877.84	4266132.74	5.43E-08	1.87E-08	7.30E-08	4.54E-08	1.40E-08	5.94E-08	1.08E-08	3.58E-09	1.43E-08	8.39E-09	1.72E-09	1.01E-08
7083	624878.01	4266122.8	5.56E-08	1.91E-08	7.47E-08	4.65E-08	1.43E-08	6.08E-08	1.10E-08	3.66E-09	1.47E-08	8.58E-09	1.76E-09	1.03E-08
7084	624878.17	4266112.87	5.69E-08	1.96E-08	7.64E-08	4.75E-08	1.46E-08	6.22E-08	1.13E-08	3.75E-09	1.50E-08	8.77E-09	1.80E-09	1.06E-08
7085	624878.33	4266102.94	5.82E-08	2.00E-08	7.82E-08	4.86E-08	1.50E-08	6.36E-08	1.15E-08	3.83E-09	1.54E-08	8.98E-09	1.85E-09	1.08E-08
7086	624878.5	4266093	5.95E-08	2.05E-08	8.00E-08	4.98E-08	1.53E-08	6.51E-08	1.18E-08	3.92E-09	1.57E-08	9.19E-09	1.89E-09	1.11E-08
7087	624878.66	4266083.07	6.08E-08	2.09E-08	8.18E-08	5.09E-08	1.57E-08	6.65E-08	1.20E-08	4.01E-09	1.61E-08	9.39E-09	1.93E-09	1.13E-08
7088	624878.82	4266073.14	6.21E-08	2.14E-08	8.35E-08	5.19E-08	1.60E-08	6.79E-08	1.23E-08	4.09E-09	1.64E-08	9.59E-09	1.97E-09	1.16E-08
7089	624878.99	4266063.2	6.34E-08	2.18E-08	8.52E-08	5.30E-08	1.63E-08	6.93E-08	1.25E-08	4.18E-09	1.67E-08	9.78E-09	2.01E-09	1.18E-08
7090	624879.15	4266053.27	6.45E-08	2.22E-08	8.67E-08	5.39E-08	1.66E-08	7.06E-08	1.28E-08	4.25E-09	1.70E-08	9.96E-09	2.05E-09	1.20E-08
7091	624879.31	4266043.34	6.57E-08	2.26E-08	8.82E-08	5.49E-08	1.69E-08	7.18E-08	1.30E-08	4.33E-09	1.73E-08	1.01E-08	2.08E-09	1.22E-08
7092	624879.48	4266033.4	6.68E-08	2.30E-08	8.97E-08	5.58E-08	1.72E-08	7.30E-08	1.32E-08	4.40E-09	1.76E-08	1.03E-08	2.12E-09	1.24E-08
7093	624879.64	4266023.47	6.78E-08	2.33E-08	9.11E-08	5.66E-08	1.74E-08	7.41E-08	1.34E-08	4.46E-09	1.79E-08	1.05E-08	2.15E-09	1.26E-08
7094	624879.81	4266013.54	6.87E-08	2.36E-08	9.23E-08	5.74E-08	1.77E-08	7.51E-08	1.36E-08	4.52E-09	1.81E-08	1.06E-08	2.18E-09	1.28E-08
7095	624879.97	4266003.6	6.94E-08	2.39E-08	9.33E-08	5.80E-08	1.79E-08	7.59E-08	1.37E-08	4.58E-09	1.83E-08	1.07E-08	2.20E-09	1.29E-08
7096	624880.13	4265993.67	7.01E-08	2.41E-08	9.42E-08	5.86E-08	1.81E-08	7.67E-08	1.39E-08	4.62E-09	1.85E-08	1.08E-08	2.23E-09	1.30E-08
7097	624880.3	4265983.74	7.07E-08	2.43E-08	9.50E-08	5.91E-08	1.82E-08	7.73E-08	1.40E-08	4.66E-09	1.87E-08	1.09E-08	2.24E-09	1.32E-08
7098	624880.46	4265973.8	7.12E-08	2.45E-08	9.57E-08	5.95E-08	1.83E-08	7.78E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.32E-08
7099	624880.62	4265963.87	7.16E-08	2.46E-08	9.62E-08	5.98E-08	1.84E-08	7.83E-08	1.42E-08	4.72E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
7100	624880.79	4265953.94	7.19E-08	2.47E-08	9.66E-08	6.01E-08	1.85E-08	7.86E-08	1.42E-08	4.74E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
7101	624880.95	4265944	7.21E-08	2.48E-08	9.69E-08	6.03E-08	1.86E-08	7.88E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
7102	624881.11	4265934.07	7.22E-08	2.48E-08	9.71E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.11E-08	2.29E-09	1.34E-08
7103	624881.28	4265924.14	7.23E-08	2.49E-08	9.71E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.12E-08	2.29E-09	1.34E-08

7104	624881.44	4265914.2	7.22E-08	2.48E-08	9.71E-08	6.04E-08	1.86E-08	7.90E-08	1.43E-08	4.76E-09	1.91E-08	1.11E-08	2.29E-09	1.34E-08
7105	624881.6	4265904.27	7.21E-08	2.48E-08	9.69E-08	6.03E-08	1.86E-08	7.88E-08	1.43E-08	4.75E-09	1.90E-08	1.11E-08	2.29E-09	1.34E-08
7106	624881.77	4265894.34	7.19E-08	2.47E-08	9.66E-08	6.01E-08	1.85E-08	7.86E-08	1.42E-08	4.74E-09	1.90E-08	1.11E-08	2.28E-09	1.34E-08
7107	624881.93	4265884.4	7.16E-08	2.46E-08	9.62E-08	5.98E-08	1.84E-08	7.83E-08	1.42E-08	4.72E-09	1.89E-08	1.10E-08	2.27E-09	1.33E-08
7108	624882.1	4265874.47	7.12E-08	2.45E-08	9.57E-08	5.95E-08	1.83E-08	7.79E-08	1.41E-08	4.69E-09	1.88E-08	1.10E-08	2.26E-09	1.33E-08
7109	624882.26	4265864.54	7.08E-08	2.43E-08	9.51E-08	5.92E-08	1.82E-08	7.74E-08	1.40E-08	4.66E-09	1.87E-08	1.09E-08	2.25E-09	1.32E-08
7110	624882.42	4265854.6	7.02E-08	2.42E-08	9.44E-08	5.87E-08	1.81E-08	7.68E-08	1.39E-08	4.63E-09	1.85E-08	1.08E-08	2.23E-09	1.31E-08
7111	624882.59	4265844.67	6.96E-08	2.39E-08	9.35E-08	5.81E-08	1.79E-08	7.61E-08	1.38E-08	4.58E-09	1.84E-08	1.07E-08	2.21E-09	1.29E-08
7112	624882.75	4265834.74	6.88E-08	2.37E-08	9.25E-08	5.75E-08	1.77E-08	7.53E-08	1.36E-08	4.54E-09	1.82E-08	1.06E-08	2.18E-09	1.28E-08
7113	624882.91	4265824.8	6.80E-08	2.34E-08	9.14E-08	5.69E-08	1.75E-08	7.44E-08	1.35E-08	4.48E-09	1.80E-08	1.05E-08	2.16E-09	1.27E-08
7114	624883.08	4265814.87	6.72E-08	2.31E-08	9.02E-08	5.61E-08	1.73E-08	7.34E-08	1.33E-08	4.42E-09	1.77E-08	1.04E-08	2.13E-09	1.25E-08
7115	624883.24	4265804.94	6.62E-08	2.28E-08	8.90E-08	5.53E-08	1.70E-08	7.24E-08	1.31E-08	4.36E-09	1.75E-08	1.02E-08	2.10E-09	1.23E-08
7116	624883.4	4265795	6.52E-08	2.24E-08	8.76E-08	5.45E-08	1.68E-08	7.12E-08	1.29E-08	4.29E-09	1.72E-08	1.01E-08	2.07E-09	1.21E-08
7117	624883.57	4265785.07	6.41E-08	2.20E-08	8.61E-08	5.36E-08	1.65E-08	7.01E-08	1.27E-08	4.22E-09	1.69E-08	9.89E-09	2.03E-09	1.19E-08
7118	624883.73	4265775.14	6.30E-08	2.17E-08	8.46E-08	5.26E-08	1.62E-08	6.88E-08	1.25E-08	4.15E-09	1.66E-08	9.72E-09	2.00E-09	1.17E-08
7119	624883.89	4265765.2	6.18E-08	2.13E-08	8.31E-08	5.17E-08	1.59E-08	6.76E-08	1.22E-08	4.07E-09	1.63E-08	9.54E-09	1.96E-09	1.15E-08
7120	624884.06	4265755.27	6.07E-08	2.09E-08	8.16E-08	5.07E-08	1.56E-08	6.64E-08	1.20E-08	4.00E-09	1.60E-08	9.36E-09	1.93E-09	1.13E-08
7121	624884.22	4265745.34	5.96E-08	2.05E-08	8.00E-08	4.98E-08	1.53E-08	6.51E-08	1.18E-08	3.92E-09	1.57E-08	9.19E-09	1.89E-09	1.11E-08
7122	624884.38	4265735.4	5.85E-08	2.01E-08	7.85E-08	4.89E-08	1.50E-08	6.39E-08	1.16E-08	3.85E-09	1.54E-08	9.02E-09	1.85E-09	1.09E-08
7123	624884.55	4265725.47	5.73E-08	1.97E-08	7.71E-08	4.79E-08	1.48E-08	6.27E-08	1.14E-08	3.78E-09	1.51E-08	8.85E-09	1.82E-09	1.07E-08
7124	624884.71	4265715.54	5.62E-08	1.93E-08	7.56E-08	4.70E-08	1.45E-08	6.15E-08	1.11E-08	3.71E-09	1.48E-08	8.68E-09	1.79E-09	1.05E-08
7125	624884.88	4265705.6	5.51E-08	1.90E-08	7.41E-08	4.61E-08	1.42E-08	6.03E-08	1.09E-08	3.63E-09	1.45E-08	8.51E-09	1.75E-09	1.03E-08
7126	624885.04	4265695.67	5.40E-08	1.86E-08	7.26E-08	4.52E-08	1.39E-08	5.91E-08	1.07E-08	3.56E-09	1.43E-08	8.34E-09	1.71E-09	1.01E-08
7127	624885.2	4265685.74	5.29E-08	1.82E-08	7.11E-08	4.42E-08	1.36E-08	5.78E-08	1.05E-08	3.48E-09	1.40E-08	8.16E-09	1.68E-09	9.84E-09
7128	624885.37	4265675.8	5.17E-08	1.78E-08	6.94E-08	4.32E-08	1.33E-08	5.65E-08	1.02E-08	3.40E-09	1.36E-08	7.97E-09	1.64E-09	9.61E-09
7129	624878.36	4266173.85	4.90E-08	1.68E-08	6.58E-08	4.09E-08	1.26E-08	5.35E-08	9.69E-09	3.23E-09	1.29E-08	7.55E-09	1.55E-09	9.11E-09
7130	624868.19	4266183.68	5.20E-08	1.79E-08	6.99E-08	4.35E-08	1.34E-08	5.69E-08	1.03E-08	3.43E-09	1.37E-08	8.03E-09	1.65E-09	9.68E-09
7131	624887.68	4266142.84	4.84E-08	1.67E-08	6.51E-08	4.05E-08	1.25E-08	5.30E-08	9.59E-09	3.19E-09	1.28E-08	7.48E-09	1.54E-09	9.01E-09
7132	624887.84	4266132.9	4.94E-08	1.70E-08	6.64E-08	4.13E-08	1.27E-08	5.40E-08	9.78E-09	3.25E-09	1.30E-08	7.62E-09	1.57E-09	9.19E-09
7133	624888.01	4266122.97	5.04E-08	1.73E-08	6.77E-08	4.21E-08	1.30E-08	5.51E-08	9.97E-09	3.32E-09	1.33E-08	7.78E-09	1.60E-09	9.37E-09
7134	624888.17	4266113.04	5.14E-08	1.77E-08	6.91E-08	4.30E-08	1.32E-08	5.62E-08	1.02E-08	3.39E-09	1.36E-08	7.93E-09	1.63E-09	9.57E-09
7135	624888.33	4266103.1	5.25E-08	1.81E-08	7.05E-08	4.39E-08	1.35E-08	5.74E-08	1.04E-08	3.46E-09	1.38E-08	8.10E-09	1.67E-09	9.77E-09
7136	624888.5	4266093.17	5.36E-08	1.84E-08	7.20E-08	4.48E-08	1.38E-08	5.86E-08	1.06E-08	3.53E-09	1.41E-08	8.27E-09	1.70E-09	9.97E-09
7137	624888.66	4266083.24	5.47E-08	1.88E-08	7.34E-08	4.57E-08	1.41E-08	5.98E-08	1.08E-08	3.60E-09	1.44E-08	8.43E-09	1.73E-09	1.02E-08
7138	624888.82	4266073.3	5.57E-08	1.92E-08	7.49E-08	4.66E-08	1.43E-08	6.09E-08	1.10E-08	3.67E-09	1.47E-08	8.60E-09	1.77E-09	1.04E-08
7139	624888.99	4266063.37	5.67E-08	1.95E-08	7.62E-08	4.74E-08	1.46E-08	6.20E-08	1.12E-08	3.74E-09	1.50E-08	8.75E-09	1.80E-09	1.06E-08
7140	624889.15	4266053.44	5.77E-08	1.98E-08	7.76E-08	4.82E-08	1.49E-08	6.31E-08	1.14E-08	3.80E-09	1.52E-08	8.91E-09	1.83E-09	1.07E-08
7141	624889.31	4266043.5	5.87E-08	2.02E-08	7.88E-08	4.90E-08	1.51E-08	6.41E-08	1.16E-08	3.87E-09	1.55E-08	9.05E-09	1.86E-09	1.09E-08
7142	624889.48	4266033.57	5.96E-08	2.05E-08	8.01E-08	4.98E-08	1.53E-08	6.51E-08	1.18E-08	3.93E-09	1.57E-08	9.19E-09	1.89E-09	1.11E-08
7143	624889.64	4266023.64	6.05E-08	2.08E-08	8.12E-08	5.05E-08	1.56E-08	6.61E-08	1.20E-08	3.98E-09	1.59E-08	9.33E-09	1.92E-09	1.12E-08
7144	624889.8	4266013.7	6.13E-08	2.11E-08	8.23E-08	5.12E-08	1.58E-08	6.70E-08	1.21E-08	4.04E-09	1.62E-08	9.45E-09	1.94E-09	1.14E-08
7145	624889.97	4266003.77	6.19E-08	2.13E-08	8.32E-08	5.18E-08	1.59E-08	6.77E-08	1.23E-08	4.08E-09	1.63E-08	9.56E-09	1.97E-09	1.15E-08
7146	624890.13	4265993.84	6.25E-08	2.15E-08	8.40E-08	5.23E-08	1.61E-08	6.84E-08	1.24E-08	4.12E-09	1.65E-08	9.65E-09	1.98E-09	1.16E-08
7147	624890.29	4265983.9	6.31E-08	2.17E-08	8.47E-08	5.27E-08	1.62E-08	6.89E-08	1.25E-08	4.15E-09	1.66E-08	9.73E-09	2.00E-09	1.17E-08
7148	624890.46	4265973.97	6.35E-08	2.18E-08	8.53E-08	5.31E-08	1.63E-08	6.94E-08	1.26E-08	4.18E-09	1.68E-08	9.80E-09	2.02E-09	1.18E-08
7149	624890.62	4265964.04	6.39E-08	2.20E-08	8.58E-08	5.34E-08	1.64E-08	6.98E-08	1.26E-08	4.21E-09	1.69E-08	9.86E-09	2.03E-09	1.19E-08
7150	624890.79	4265954.1	6.42E-08	2.21E-08	8.62E-08	5.36E-08	1.65E-08	7.01E-08	1.27E-08	4.23E-09	1.69E-08	9.90E-09	2.04E-09	1.19E-08
7151	624890.95	4265944.17	6.44E-08	2.21E-08	8.65E-08	5.38E-08	1.66E-08	7.04E-08	1.27E-08	4.24E-09	1.70E-08	9.93E-09	2.04E-09	1.20E-08
7152	624891.11	4265934.24	6.45E-08	2.22E-08	8.67E-08	5.39E-08	1.66E-08	7.05E-08	1.28E-08	4.25E-09	1.70E-08	9.95E-09	2.05E-09	1.20E-08
7153	624891.28	4265924.3	6.46E-08	2.22E-08	8.68E-08	5.40E-08	1.66E-08	7.06E-08	1.28E-08	4.25E-09	1.70E-08	9.96E-09	2.05E-09	1.20E-08
7154	624891.44	4265914.37	6.45E-08	2.22E-08	8.67E-08	5.40E-08	1.66E-08	7.06E-08	1.28E-08	4.25E-09	1.70E-08	9.96E-09	2.05E-09	1.20E-08
7155	624891.6	4265904.44	6.45E-08	2.22E-08	8.66E-08	5.39E-08	1.66E-08	7.05E-08	1.28E-08	4.25E-09	1.70E-08	9.95E-09	2.05E-09	1.20E-08
7156	624891.77	4265894.5	6.43E-08	2.21E-08	8.64E-08	5.37E-08	1.65E-08	7.03E-08	1.27E-08	4.24E-09	1.70E-08	9.92E-09	2.04E-09	1.20E-08
7157	624891.93	4265884.57	6.41E-08	2.20E-08	8.61E-08	5.36E-08	1.65E-08	7.01E-08	1.27E-08	4.22E-09	1.69E-08	9.89E-09	2.03E-09	1.19E-08
7158	624892.09	4265874.64	6.38E-08	2.19E-08	8.58E-08	5.33E-08	1.64E-08	6.98E-08	1.26E-08	4.20E-09	1.68E-08	9.85E-09	2.03E-09	1.19E-08
7159	624892.26	4265864.7	6.35E-08	2.18E-08	8.53E-08	5.30E-08	1.63E-08	6.94E-08	1.26E-08	4.18E-09	1.67E-08	9.79E-09	2.01E-09	1.18E-08
7160	624892.42	4265854.77	6.30E-08	2.17E-08	8.47E-08	5.27E-08	1.62E-08	6.89E-08	1.25E-08	4.15E-09	1.66E-08	9.72E-09	2.00E-09	1.17E-08
7161	624892.58	4265844.84	6.25E-08	2.15E-08	8.39E-08	5.22E-08	1.61E-08	6.83E-08	1.24E-08	4.11E-09	1.65E-08	9.64E-09	1.98E-09	1.16E-08
7162	624892.75	4265834.9	6.18E-08	2.13E-08	8.31E-08	5.17E-08	1.59E-08	6.76E-08	1.22E-08	4.07E-09	1.63E-08	9.54E-09	1.96E-09	1.15E-08
7163	624892.91	4265824.97	6.12E-08	2.10E-08	8.22E-08	5.11E-08	1.57E-08	6.69E-08	1.21E-08	4.03E-09	1.61E-08	9.44E-09	1.94E-09	1.14E-08
7164	624893.07	4265815.04	6.04E-08	2.08E-08	8.12E-08	5.05E-08	1.56E-08	6.61E-08	1.20E-08	3.98E-09	1.59E-08	9.33E-09	1.92E-09	1.12E-08
7165	624893.24	4265805.1	5.96E-08	2.05E-08	8.02E-08	4.99E-08	1.54E-08	6.52E-08	1.18E-08	3.93E-09	1.57E-08	9.20E-09	1.89E-09	1.11E-08
7166	624893.4	4265795.17	5.88E-08	2.02E-08	7.90E-08	4.92E-08	1.51E-08	6.43E-08	1.16E-08	3.88E-09	1.55E-08	9.08E-09	1.87E-09	1.09E-08
7167	624893.57	4265785.24	5.80E-08	1.99E-08	7.79E-08	4.84E-08	1.49E-08	6.34E-08	1.15E-08	3.82E-09	1.53E-08	8.94E-09	1.84E-09	1.08E-08
7168	624893.73	4265775.3	5.71E-08	1.96E-08	7.67E-08	4.77E-08	1.47E-08	6.24E-08	1.13E-08	3.76E-09	1.51E-08	8.81E-09	1.81E-09	1.06E-08
7169	624893.89	4265765.37	5.62E-08	1.93E-08	7.55E-08	4.70E-08	1.45E-08	6.14E-08	1.11E-08	3.70E-09	1.48E-08	8.67E-09	1.78E-09	1.05E-08
7170	624894.06	4265755.44	5.53E-08	1.90E-08	7.43E-08	4.62E-08	1.42E-08	6.04E-08	1.09E-08	3.64E-09	1.46E-08	8.53E-09	1.75E-09	1.03E-08
7171	624894.22	4265745.5	5.44E-08	1.87E-08	7.31E-08	4.55E-08	1.40E-08	5.95E-08	1.08E-08	3.58E-09	1.43E-08	8.39E-09	1.73E-09	1.01E-08
7172	624894.38	4265735.57	5.35E-08	1.84E-08	7.19E-08	4.47E-08	1.38E-08	5.85E-08	1.06E-08	3.52E-09	1.41E-08	8.26E-09	1.70E-09	9.95E-09

7173	624894.55	4265725.64	5.26E-08	1.81E-08	7.07E-08	4.40E-08	1.35E-08	5.75E-08	1.04E-08	3.47E-09	1.39E-08	8.12E-09	1.67E-09	9.79E-09
7174	624894.71	4265715.7	5.17E-08	1.78E-08	6.95E-08	4.32E-08	1.33E-08	5.66E-08	1.02E-08	3.41E-09	1.36E-08	7.98E-09	1.64E-09	9.62E-09
7175	624894.87	4265705.77	5.08E-08	1.75E-08	6.83E-08	4.25E-08	1.31E-08	5.56E-08	1.01E-08	3.35E-09	1.34E-08	7.84E-09	1.61E-09	9.46E-09
7176	624895.04	4265695.84	4.99E-08	1.72E-08	6.71E-08	4.17E-08	1.29E-08	5.46E-08	9.88E-09	3.29E-09	1.32E-08	7.71E-09	1.58E-09	9.29E-09
7177	624895.2	4265685.9	4.90E-08	1.69E-08	6.59E-08	4.10E-08	1.26E-08	5.36E-08	9.70E-09	3.23E-09	1.29E-08	7.56E-09	1.56E-09	9.12E-09
7178	624886.08	4266179.28	4.53E-08	1.56E-08	6.08E-08	3.78E-08	1.17E-08	4.95E-08	8.96E-09	2.98E-09	1.19E-08	6.99E-09	1.44E-09	8.42E-09
7179	624873.35	4266191.58	4.86E-08	1.67E-08	6.53E-08	4.06E-08	1.25E-08	5.31E-08	9.62E-09	3.20E-09	1.28E-08	7.50E-09	1.54E-09	9.04E-09
7180	624864.45	4266195.08	5.17E-08	1.78E-08	6.95E-08	4.32E-08	1.33E-08	5.65E-08	1.02E-08	3.41E-09	1.36E-08	7.98E-09	1.64E-09	9.62E-09
7181	624855.54	4266198.59	5.50E-08	1.89E-08	7.39E-08	4.59E-08	1.41E-08	6.01E-08	1.09E-08	3.62E-09	1.45E-08	8.48E-09	1.74E-09	1.02E-08
7182	624897.68	4266143	4.44E-08	1.53E-08	5.97E-08	3.71E-08	1.14E-08	4.86E-08	8.79E-09	2.93E-09	1.17E-08	6.85E-09	1.41E-09	8.26E-09
7183	624897.84	4266133.07	4.52E-08	1.55E-08	6.07E-08	3.78E-08	1.16E-08	4.94E-08	8.94E-09	2.98E-09	1.19E-08	6.97E-09	1.43E-09	8.41E-09
7184	624898	4266123.13	4.60E-08	1.58E-08	6.18E-08	3.84E-08	1.18E-08	5.03E-08	9.10E-09	3.03E-09	1.21E-08	7.10E-09	1.46E-09	8.56E-09
7185	624898.17	4266113.2	4.68E-08	1.61E-08	6.29E-08	3.91E-08	1.21E-08	5.12E-08	9.27E-09	3.09E-09	1.24E-08	7.23E-09	1.49E-09	8.71E-09
7186	624898.33	4266103.27	4.77E-08	1.64E-08	6.41E-08	3.99E-08	1.23E-08	5.21E-08	9.44E-09	3.14E-09	1.26E-08	7.36E-09	1.51E-09	8.87E-09
7187	624898.49	4266093.33	4.86E-08	1.67E-08	6.53E-08	4.06E-08	1.25E-08	5.31E-08	9.62E-09	3.20E-09	1.28E-08	7.50E-09	1.54E-09	9.04E-09
7188	624898.66	4266083.4	4.95E-08	1.70E-08	6.65E-08	4.13E-08	1.27E-08	5.41E-08	9.79E-09	3.26E-09	1.31E-08	7.63E-09	1.57E-09	9.20E-09
7189	624898.82	4266073.47	5.03E-08	1.73E-08	6.77E-08	4.21E-08	1.30E-08	5.50E-08	9.97E-09	3.32E-09	1.33E-08	7.77E-09	1.60E-09	9.37E-09
7190	624898.99	4266063.53	5.12E-08	1.76E-08	6.88E-08	4.28E-08	1.32E-08	5.60E-08	1.01E-08	3.37E-09	1.35E-08	7.90E-09	1.62E-09	9.53E-09
7191	624899.15	4266053.6	5.20E-08	1.79E-08	6.99E-08	4.35E-08	1.34E-08	5.69E-08	1.03E-08	3.43E-09	1.37E-08	8.03E-09	1.65E-09	9.68E-09
7192	624899.31	4266043.67	5.28E-08	1.82E-08	7.10E-08	4.42E-08	1.36E-08	5.78E-08	1.05E-08	3.48E-09	1.39E-08	8.15E-09	1.68E-09	9.83E-09
7193	624899.48	4266033.73	5.36E-08	1.84E-08	7.20E-08	4.48E-08	1.38E-08	5.86E-08	1.06E-08	3.53E-09	1.41E-08	8.27E-09	1.70E-09	9.97E-09
7194	624899.64	4266023.8	5.43E-08	1.87E-08	7.30E-08	4.54E-08	1.40E-08	5.94E-08	1.08E-08	3.58E-09	1.43E-08	8.39E-09	1.72E-09	1.01E-08
7195	624899.8	4266013.87	5.50E-08	1.89E-08	7.40E-08	4.60E-08	1.42E-08	6.02E-08	1.09E-08	3.63E-09	1.45E-08	8.49E-09	1.75E-09	1.02E-08
7196	624899.97	4266003.93	5.56E-08	1.91E-08	7.47E-08	4.65E-08	1.43E-08	6.08E-08	1.10E-08	3.66E-09	1.47E-08	8.58E-09	1.77E-09	1.03E-08
7197	624900.13	4265994	5.62E-08	1.93E-08	7.55E-08	4.69E-08	1.45E-08	6.14E-08	1.11E-08	3.70E-09	1.48E-08	8.66E-09	1.78E-09	1.04E-08
7198	624900.29	4265984.07	5.66E-08	1.95E-08	7.61E-08	4.73E-08	1.46E-08	6.19E-08	1.12E-08	3.73E-09	1.49E-08	8.74E-09	1.80E-09	1.05E-08
7199	624900.46	4265974.13	5.70E-08	1.96E-08	7.66E-08	4.77E-08	1.47E-08	6.23E-08	1.13E-08	3.76E-09	1.50E-08	8.80E-09	1.81E-09	1.06E-08
7200	624900.62	4265964.2	5.74E-08	1.97E-08	7.71E-08	4.79E-08	1.48E-08	6.27E-08	1.14E-08	3.78E-09	1.51E-08	8.85E-09	1.82E-09	1.07E-08
7201	624900.78	4265954.27	5.76E-08	1.98E-08	7.75E-08	4.82E-08	1.48E-08	6.30E-08	1.14E-08	3.80E-09	1.52E-08	8.89E-09	1.83E-09	1.07E-08
7202	624900.95	4265944.33	5.78E-08	1.99E-08	7.77E-08	4.83E-08	1.49E-08	6.32E-08	1.14E-08	3.81E-09	1.53E-08	8.92E-09	1.84E-09	1.08E-08
7203	624901.11	4265934.4	5.80E-08	1.99E-08	7.79E-08	4.85E-08	1.49E-08	6.34E-08	1.15E-08	3.82E-09	1.53E-08	8.95E-09	1.84E-09	1.08E-08
7204	624901.27	4265924.47	5.80E-08	2.00E-08	7.80E-08	4.85E-08	1.49E-08	6.35E-08	1.15E-08	3.82E-09	1.53E-08	8.96E-09	1.84E-09	1.08E-08
7205	624901.44	4265914.53	5.81E-08	2.00E-08	7.80E-08	4.85E-08	1.49E-08	6.35E-08	1.15E-08	3.83E-09	1.53E-08	8.96E-09	1.84E-09	1.08E-08
7206	624901.6	4265904.6	5.80E-08	1.99E-08	7.80E-08	4.85E-08	1.49E-08	6.34E-08	1.15E-08	3.82E-09	1.53E-08	8.95E-09	1.84E-09	1.08E-08
7207	624901.77	4265894.67	5.79E-08	1.99E-08	7.78E-08	4.84E-08	1.49E-08	6.33E-08	1.15E-08	3.81E-09	1.53E-08	8.93E-09	1.84E-09	1.08E-08
7208	624901.93	4265884.73	5.77E-08	1.99E-08	7.76E-08	4.83E-08	1.49E-08	6.31E-08	1.14E-08	3.80E-09	1.52E-08	8.91E-09	1.83E-09	1.07E-08
7209	624902.09	4265874.8	5.75E-08	1.98E-08	7.73E-08	4.81E-08	1.48E-08	6.29E-08	1.14E-08	3.79E-09	1.52E-08	8.87E-09	1.83E-09	1.07E-08
7210	624902.26	4265864.87	5.72E-08	1.97E-08	7.69E-08	4.78E-08	1.47E-08	6.26E-08	1.13E-08	3.77E-09	1.51E-08	8.83E-09	1.82E-09	1.06E-08
7211	624902.42	4265854.93	5.68E-08	1.95E-08	7.64E-08	4.75E-08	1.46E-08	6.21E-08	1.13E-08	3.75E-09	1.50E-08	8.77E-09	1.80E-09	1.06E-08
7212	624902.58	4265845	5.64E-08	1.94E-08	7.58E-08	4.71E-08	1.45E-08	6.17E-08	1.12E-08	3.72E-09	1.49E-08	8.70E-09	1.79E-09	1.05E-08
7213	624902.75	4265835.07	5.59E-08	1.92E-08	7.51E-08	4.67E-08	1.44E-08	6.11E-08	1.11E-08	3.68E-09	1.47E-08	8.63E-09	1.77E-09	1.04E-08
7214	624902.91	4265825.13	5.54E-08	1.90E-08	7.44E-08	4.63E-08	1.43E-08	6.05E-08	1.10E-08	3.65E-09	1.46E-08	8.54E-09	1.76E-09	1.03E-08
7215	624903.07	4265815.2	5.48E-08	1.88E-08	7.36E-08	4.58E-08	1.41E-08	5.99E-08	1.08E-08	3.61E-09	1.44E-08	8.45E-09	1.74E-09	1.02E-08
7216	624903.24	4265805.27	5.41E-08	1.86E-08	7.27E-08	4.52E-08	1.39E-08	5.92E-08	1.07E-08	3.57E-09	1.43E-08	8.35E-09	1.72E-09	1.01E-08
7217	624903.4	4265795.33	5.35E-08	1.84E-08	7.19E-08	4.47E-08	1.38E-08	5.85E-08	1.06E-08	3.52E-09	1.41E-08	8.25E-09	1.70E-09	9.95E-09
7218	624903.56	4265785.4	5.28E-08	1.82E-08	7.09E-08	4.41E-08	1.36E-08	5.77E-08	1.04E-08	3.48E-09	1.39E-08	8.15E-09	1.68E-09	9.82E-09
7219	624903.73	4265775.47	5.21E-08	1.79E-08	7.00E-08	4.35E-08	1.34E-08	5.69E-08	1.03E-08	3.43E-09	1.37E-08	8.04E-09	1.65E-09	9.69E-09
7220	624903.89	4265765.53	5.14E-08	1.77E-08	6.90E-08	4.29E-08	1.32E-08	5.62E-08	1.02E-08	3.39E-09	1.36E-08	7.93E-09	1.63E-09	9.56E-09
7221	624904.05	4265755.6	5.07E-08	1.74E-08	6.81E-08	4.24E-08	1.30E-08	5.54E-08	1.00E-08	3.34E-09	1.34E-08	7.82E-09	1.61E-09	9.43E-09
7222	624904.22	4265745.67	5.00E-08	1.72E-08	6.71E-08	4.18E-08	1.29E-08	5.46E-08	9.89E-09	3.29E-09	1.32E-08	7.71E-09	1.59E-09	9.29E-09
7223	624904.38	4265735.73	4.92E-08	1.69E-08	6.62E-08	4.12E-08	1.27E-08	5.38E-08	9.75E-09	3.24E-09	1.30E-08	7.60E-09	1.56E-09	9.16E-09
7224	624904.55	4265725.8	4.85E-08	1.67E-08	6.52E-08	4.06E-08	1.25E-08	5.31E-08	9.60E-09	3.20E-09	1.28E-08	7.49E-09	1.54E-09	9.03E-09
7225	624904.71	4265715.87	4.78E-08	1.64E-08	6.42E-08	4.00E-08	1.23E-08	5.23E-08	9.46E-09	3.15E-09	1.26E-08	7.38E-09	1.52E-09	8.89E-09
7226	624904.87	4265705.93	4.71E-08	1.62E-08	6.33E-08	3.94E-08	1.21E-08	5.15E-08	9.32E-09	3.10E-09	1.24E-08	7.26E-09	1.49E-09	8.76E-09
7227	624905.04	4265696	4.63E-08	1.59E-08	6.23E-08	3.87E-08	1.19E-08	5.07E-08	9.17E-09	3.05E-09	1.22E-08	7.15E-09	1.47E-09	8.62E-09
7228	624905.2	4265686.07	4.56E-08	1.57E-08	6.13E-08	3.81E-08	1.17E-08	4.98E-08	9.02E-09	3.00E-09	1.20E-08	7.03E-09	1.45E-09	8.48E-09
7229	624905.36	4265676.13	4.48E-08	1.54E-08	6.02E-08	3.74E-08	1.15E-08	4.89E-08	8.86E-09	2.95E-09	1.18E-08	6.91E-09	1.42E-09	8.33E-09
7230	624896.53	4266178.39	4.18E-08	1.44E-08	5.61E-08	3.49E-08	1.08E-08	4.57E-08	8.27E-09	2.75E-09	1.10E-08	6.45E-09	1.33E-09	7.77E-09
7231	624892.87	4266186.83	4.22E-08	1.45E-08	5.67E-08	3.52E-08	1.09E-08	4.61E-08	8.35E-09	2.78E-09	1.11E-08	6.51E-09	1.34E-09	7.84E-09
7232	624880.66	4266198.63	4.49E-08	1.54E-08	6.04E-08	3.75E-08	1.16E-08	4.91E-08	8.89E-09	2.96E-09	1.19E-08	6.93E-09	1.43E-09	8.36E-09
7233	624872.11	4266202	4.75E-08	1.63E-08	6.38E-08	3.97E-08	1.22E-08	5.19E-08	9.40E-09	3.13E-09	1.25E-08	7.33E-09	1.51E-09	8.84E-09
7234	624907.68	4266143.16	4.09E-08	1.41E-08	5.50E-08	3.42E-08	1.05E-08	4.47E-08	8.10E-09	2.70E-09	1.08E-08	6.31E-09	1.30E-09	7.61E-09
7235	624907.84	4266133.23	4.15E-08	1.43E-08	5.58E-08	3.47E-08	1.07E-08	4.54E-08	8.22E-09	2.74E-09	1.10E-08	6.41E-09	1.32E-09	7.73E-09
7236	624908	4266123.3	4.22E-08	1.45E-08	5.67E-08	3.53E-08	1.09E-08	4.61E-08	8.35E-09	2.78E-09	1.11E-08	6.51E-09	1.34E-09	7.85E-09
7237	624908.17	4266113.36	4.29E-08	1.47E-08	5.76E-08	3.58E-08	1.10E-08	4.69E-08	8.49E-09	2.83E-09	1.13E-08	6.62E-09	1.36E-09	7.98E-09
7238	624908.33	4266103.43	4.36E-08	1.50E-08	5.86E-08	3.64E-08	1.12E-08	4.77E-08	8.63E-09	2.87E-09	1.15E-08	6.73E-09	1.38E-09	8.11E-09
7239	624908.49	4266093.5	4.43E-08	1.52E-08	5.96E-08	3.71E-08	1.14E-08	4.85E-08	8.78E-09	2.92E-09	1.17E-08	6.84E-09	1.41E-09	8.25E-09
7240	624908.66	4266083.56	4.51E-08	1.55E-08	6.06E-08	3.77E-08	1.16E-08	4.93E-08	8.92E-09	2.97E-09	1.19E-08	6.95E-09	1.43E-09	8.38E-09
7241	624908.82	4266073.63	4.58E-08	1.57E-08	6.15E-08	3.83E-08	1.18E-08	5.01E-08	9.07E-09	3.02E-09	1.21E-08	7.07E-09	1.45E-09	8.52E-09

7242	624908.98	4266063.7	4.65E-08	1.60E-08	6.25E-08	3.89E-08	1.20E-08	5.09E-08	9.21E-09	3.06E-09	1.23E-08	7.18E-09	1.48E-09	8.65E-09
7243	624909.15	4266053.76	4.72E-08	1.62E-08	6.34E-08	3.95E-08	1.22E-08	5.16E-08	9.34E-09	3.11E-09	1.25E-08	7.28E-09	1.50E-09	8.78E-09
7244	624909.31	4266043.83	4.79E-08	1.65E-08	6.43E-08	4.00E-08	1.23E-08	5.23E-08	9.48E-09	3.15E-09	1.26E-08	7.39E-09	1.52E-09	8.91E-09
7245	624909.47	4266033.9	4.86E-08	1.67E-08	6.52E-08	4.06E-08	1.25E-08	5.31E-08	9.61E-09	3.20E-09	1.28E-08	7.49E-09	1.54E-09	9.03E-09
7246	624909.64	4266023.96	4.92E-08	1.69E-08	6.61E-08	4.11E-08	1.27E-08	5.38E-08	9.74E-09	3.24E-09	1.30E-08	7.59E-09	1.56E-09	9.15E-09
7247	624909.8	4266014.03	4.98E-08	1.71E-08	6.69E-08	4.16E-08	1.28E-08	5.44E-08	9.85E-09	3.28E-09	1.31E-08	7.68E-09	1.58E-09	9.26E-09
7248	624909.96	4266004.1	5.03E-08	1.73E-08	6.76E-08	4.20E-08	1.29E-08	5.50E-08	9.95E-09	3.31E-09	1.33E-08	7.76E-09	1.60E-09	9.35E-09
7249	624910.13	4265994.16	5.07E-08	1.74E-08	6.82E-08	4.24E-08	1.31E-08	5.55E-08	1.00E-08	3.34E-09	1.34E-08	7.83E-09	1.61E-09	9.44E-09
7250	624910.29	4265984.23	5.12E-08	1.76E-08	6.87E-08	4.28E-08	1.32E-08	5.59E-08	1.01E-08	3.37E-09	1.35E-08	7.89E-09	1.62E-09	9.52E-09
7251	624910.46	4265974.3	5.15E-08	1.77E-08	6.92E-08	4.31E-08	1.33E-08	5.63E-08	1.02E-08	3.39E-09	1.36E-08	7.95E-09	1.63E-09	9.58E-09
7252	624910.62	4265964.36	5.18E-08	1.78E-08	6.96E-08	4.33E-08	1.33E-08	5.67E-08	1.03E-08	3.41E-09	1.37E-08	8.00E-09	1.64E-09	9.64E-09
7253	624910.78	4265954.43	5.21E-08	1.79E-08	7.00E-08	4.35E-08	1.34E-08	5.69E-08	1.03E-08	3.43E-09	1.37E-08	8.03E-09	1.65E-09	9.69E-09
7254	624910.95	4265944.5	5.23E-08	1.80E-08	7.02E-08	4.37E-08	1.35E-08	5.71E-08	1.03E-08	3.44E-09	1.38E-08	8.06E-09	1.66E-09	9.72E-09
7255	624911.11	4265934.56	5.24E-08	1.80E-08	7.04E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.45E-09	1.38E-08	8.09E-09	1.66E-09	9.75E-09
7256	624911.27	4265924.63	5.25E-08	1.80E-08	7.05E-08	4.39E-08	1.35E-08	5.74E-08	1.04E-08	3.46E-09	1.38E-08	8.10E-09	1.67E-09	9.76E-09
7257	624911.44	4265914.7	5.25E-08	1.81E-08	7.06E-08	4.39E-08	1.35E-08	5.74E-08	1.04E-08	3.46E-09	1.39E-08	8.10E-09	1.67E-09	9.77E-09
7258	624911.6	4265904.76	5.25E-08	1.81E-08	7.06E-08	4.39E-08	1.35E-08	5.74E-08	1.04E-08	3.46E-09	1.39E-08	8.10E-09	1.67E-09	9.77E-09
7259	624911.76	4265894.83	5.24E-08	1.80E-08	7.05E-08	4.38E-08	1.35E-08	5.73E-08	1.04E-08	3.46E-09	1.38E-08	8.09E-09	1.66E-09	9.76E-09
7260	624911.93	4265884.9	5.23E-08	1.80E-08	7.03E-08	4.37E-08	1.35E-08	5.72E-08	1.04E-08	3.45E-09	1.38E-08	8.07E-09	1.66E-09	9.73E-09
7261	624912.09	4265874.96	5.21E-08	1.79E-08	7.01E-08	4.36E-08	1.34E-08	5.70E-08	1.03E-08	3.43E-09	1.38E-08	8.04E-09	1.65E-09	9.70E-09
7262	624912.25	4265865.03	5.19E-08	1.78E-08	6.97E-08	4.34E-08	1.34E-08	5.67E-08	1.03E-08	3.42E-09	1.37E-08	8.01E-09	1.65E-09	9.65E-09
7263	624912.42	4265855.1	5.16E-08	1.77E-08	6.93E-08	4.31E-08	1.33E-08	5.64E-08	1.02E-08	3.40E-09	1.36E-08	7.96E-09	1.64E-09	9.60E-09
7264	624912.58	4265845.16	5.12E-08	1.76E-08	6.89E-08	4.28E-08	1.32E-08	5.60E-08	1.01E-08	3.38E-09	1.35E-08	7.91E-09	1.63E-09	9.53E-09
7265	624912.75	4265835.23	5.08E-08	1.75E-08	6.83E-08	4.25E-08	1.31E-08	5.56E-08	1.01E-08	3.35E-09	1.34E-08	7.84E-09	1.61E-09	9.46E-09
7266	624912.91	4265825.3	5.04E-08	1.73E-08	6.77E-08	4.21E-08	1.30E-08	5.51E-08	9.98E-09	3.32E-09	1.33E-08	7.78E-09	1.60E-09	9.38E-09
7267	624913.07	4265815.36	4.99E-08	1.72E-08	6.71E-08	4.17E-08	1.29E-08	5.46E-08	9.88E-09	3.29E-09	1.32E-08	7.71E-09	1.58E-09	9.29E-09
7268	624913.24	4265805.43	4.94E-08	1.70E-08	6.64E-08	4.13E-08	1.27E-08	5.40E-08	9.78E-09	3.26E-09	1.30E-08	7.63E-09	1.57E-09	9.20E-09
7269	624913.4	4265795.5	4.89E-08	1.68E-08	6.57E-08	4.09E-08	1.26E-08	5.35E-08	9.68E-09	3.22E-09	1.29E-08	7.55E-09	1.55E-09	9.10E-09
7270	624913.56	4265785.56	4.84E-08	1.66E-08	6.50E-08	4.04E-08	1.25E-08	5.29E-08	9.57E-09	3.19E-09	1.28E-08	7.46E-09	1.54E-09	9.00E-09
7271	624913.73	4265775.63	4.78E-08	1.64E-08	6.43E-08	4.00E-08	1.23E-08	5.23E-08	9.46E-09	3.15E-09	1.26E-08	7.38E-09	1.52E-09	8.89E-09
7272	624913.89	4265765.7	4.73E-08	1.62E-08	6.35E-08	3.95E-08	1.22E-08	5.17E-08	9.35E-09	3.11E-09	1.25E-08	7.29E-09	1.50E-09	8.79E-09
7273	624914.05	4265755.76	4.67E-08	1.61E-08	6.27E-08	3.90E-08	1.20E-08	5.10E-08	9.24E-09	3.08E-09	1.23E-08	7.20E-09	1.48E-09	8.69E-09
7274	624914.22	4265745.83	4.61E-08	1.59E-08	6.20E-08	3.85E-08	1.19E-08	5.04E-08	9.13E-09	3.04E-09	1.22E-08	7.12E-09	1.46E-09	8.58E-09
7275	624914.38	4265735.9	4.55E-08	1.57E-08	6.12E-08	3.81E-08	1.17E-08	4.98E-08	9.01E-09	3.00E-09	1.20E-08	7.03E-09	1.44E-09	8.47E-09
7276	624914.54	4265725.96	4.49E-08	1.55E-08	6.04E-08	3.76E-08	1.16E-08	4.91E-08	8.90E-09	2.96E-09	1.19E-08	6.94E-09	1.43E-09	8.36E-09
7277	624914.71	4265716.03	4.44E-08	1.53E-08	5.96E-08	3.71E-08	1.14E-08	4.85E-08	8.78E-09	2.92E-09	1.17E-08	6.84E-09	1.41E-09	8.25E-09
7278	624914.87	4265706.1	4.38E-08	1.51E-08	5.88E-08	3.66E-08	1.13E-08	4.78E-08	8.66E-09	2.88E-09	1.15E-08	6.75E-09	1.39E-09	8.14E-09
7279	624915.03	4265696.16	4.32E-08	1.48E-08	5.80E-08	3.61E-08	1.11E-08	4.72E-08	8.54E-09	2.84E-09	1.14E-08	6.66E-09	1.37E-09	8.03E-09
7280	624915.2	4265686.23	4.25E-08	1.46E-08	5.72E-08	3.56E-08	1.10E-08	4.65E-08	8.42E-09	2.80E-09	1.12E-08	6.56E-09	1.35E-09	7.91E-09
7281	624915.36	4265676.3	4.19E-08	1.44E-08	5.63E-08	3.50E-08	1.08E-08	4.58E-08	8.29E-09	2.76E-09	1.10E-08	6.46E-09	1.33E-09	7.79E-09
7282	624906.84	4266177.86	3.87E-08	1.33E-08	5.20E-08	3.23E-08	9.96E-09	4.23E-08	7.66E-09	2.55E-09	1.02E-08	5.97E-09	1.23E-09	7.20E-09
7283	624899.72	4266194.25	3.94E-08	1.35E-08	5.29E-08	3.29E-08	1.01E-08	4.31E-08	7.80E-09	2.60E-09	1.04E-08	6.08E-09	1.25E-09	7.33E-09
7284	624917.67	4266143.33	3.78E-08	1.30E-08	5.09E-08	3.16E-08	9.74E-09	4.14E-08	7.49E-09	2.49E-09	9.99E-09	5.84E-09	1.20E-09	7.04E-09
7285	624917.84	4266133.4	3.84E-08	1.32E-08	5.16E-08	3.21E-08	9.88E-09	4.20E-08	7.60E-09	2.53E-09	1.01E-08	5.92E-09	1.22E-09	7.14E-09
7286	624918	4266123.46	3.89E-08	1.34E-08	5.23E-08	3.25E-08	1.00E-08	4.25E-08	7.70E-09	2.56E-09	1.03E-08	6.01E-09	1.24E-09	7.24E-09
7287	624918.16	4266113.53	3.95E-08	1.36E-08	5.31E-08	3.30E-08	1.02E-08	4.32E-08	7.82E-09	2.60E-09	1.04E-08	6.09E-09	1.25E-09	7.35E-09
7288	624918.33	4266103.6	4.01E-08	1.38E-08	5.38E-08	3.35E-08	1.03E-08	4.38E-08	7.93E-09	2.64E-09	1.06E-08	6.18E-09	1.27E-09	7.45E-09
7289	624918.49	4266093.66	4.07E-08	1.40E-08	5.47E-08	3.40E-08	1.05E-08	4.45E-08	8.05E-09	2.68E-09	1.07E-08	6.28E-09	1.29E-09	7.57E-09
7290	624918.66	4266083.73	4.13E-08	1.42E-08	5.55E-08	3.45E-08	1.06E-08	4.51E-08	8.17E-09	2.72E-09	1.09E-08	6.37E-09	1.31E-09	7.68E-09
7291	624918.82	4266073.8	4.19E-08	1.44E-08	5.63E-08	3.50E-08	1.08E-08	4.58E-08	8.29E-09	2.76E-09	1.11E-08	6.46E-09	1.33E-09	7.79E-09
7292	624918.98	4266063.86	4.25E-08	1.46E-08	5.71E-08	3.55E-08	1.09E-08	4.65E-08	8.41E-09	2.80E-09	1.12E-08	6.56E-09	1.35E-09	7.91E-09
7293	624919.15	4266053.93	4.31E-08	1.48E-08	5.79E-08	3.60E-08	1.11E-08	4.71E-08	8.53E-09	2.84E-09	1.14E-08	6.65E-09	1.37E-09	8.02E-09
7294	624919.31	4266044	4.37E-08	1.50E-08	5.87E-08	3.65E-08	1.12E-08	4.77E-08	8.64E-09	2.88E-09	1.15E-08	6.74E-09	1.39E-09	8.12E-09
7295	624919.47	4266034.06	4.42E-08	1.52E-08	5.94E-08	3.70E-08	1.14E-08	4.84E-08	8.75E-09	2.91E-09	1.17E-08	6.82E-09	1.40E-09	8.23E-09
7296	624919.64	4266024.13	4.48E-08	1.54E-08	6.02E-08	3.74E-08	1.15E-08	4.89E-08	8.86E-09	2.95E-09	1.18E-08	6.91E-09	1.42E-09	8.33E-09
7297	624919.8	4266014.2	4.53E-08	1.56E-08	6.08E-08	3.78E-08	1.17E-08	4.95E-08	8.96E-09	2.98E-09	1.19E-08	6.99E-09	1.44E-09	8.42E-09
7298	624919.96	4266004.26	4.57E-08	1.57E-08	6.14E-08	3.82E-08	1.18E-08	5.00E-08	9.05E-09	3.01E-09	1.21E-08	7.05E-09	1.45E-09	8.51E-09
7299	624920.13	4265994.33	4.61E-08	1.59E-08	6.20E-08	3.85E-08	1.19E-08	5.04E-08	9.13E-09	3.04E-09	1.22E-08	7.12E-09	1.46E-09	8.58E-09
7300	624920.29	4265984.4	4.65E-08	1.60E-08	6.25E-08	3.88E-08	1.20E-08	5.08E-08	9.20E-09	3.06E-09	1.23E-08	7.17E-09	1.47E-09	8.65E-09
7301	624920.45	4265974.46	4.68E-08	1.61E-08	6.29E-08	3.91E-08	1.20E-08	5.12E-08	9.26E-09	3.08E-09	1.23E-08	7.22E-09	1.49E-09	8.71E-09
7302	624920.62	4265964.53	4.71E-08	1.62E-08	6.32E-08	3.93E-08	1.21E-08	5.15E-08	9.32E-09	3.10E-09	1.24E-08	7.26E-09	1.49E-09	8.76E-09
7303	624920.78	4265954.6	4.73E-08	1.63E-08	6.36E-08	3.95E-08	1.22E-08	5.17E-08	9.36E-09	3.12E-09	1.25E-08	7.30E-09	1.50E-09	8.80E-09
7304	624920.94	4265944.66	4.75E-08	1.63E-08	6.38E-08	3.97E-08	1.22E-08	5.19E-08	9.40E-09	3.13E-09	1.25E-08	7.33E-09	1.51E-09	8.83E-09
7305	624921.11	4265934.73	4.76E-08	1.64E-08	6.40E-08	3.98E-08	1.23E-08	5.20E-08	9.42E-09	3.14E-09	1.26E-08	7.35E-09	1.51E-09	8.86E-09
7306	624921.27	4265924.8	4.77E-08	1.64E-08	6.41E-08	3.99E-08	1.23E-08	5.21E-08	9.44E-09	3.14E-09	1.26E-08	7.36E-09	1.51E-09	8.87E-09
7307	624921.44	4265914.86	4.78E-08	1.64E-08	6.42E-08	3.99E-08	1.23E-08	5.22E-08	9.45E-09	3.15E-09	1.26E-08	7.37E-09	1.52E-09	8.88E-09
7308	624921.6	4265904.93	4.78E-08	1.64E-08	6.42E-08	3.99E-08	1.23E-08	5.22E-08	9.46E-09	3.15E-09	1.26E-08	7.37E-09	1.52E-09	8.89E-09
7309	624921.76	4265895	4.78E-08	1.64E-08	6.42E-08	3.99E-08	1.23E-08	5.22E-08	9.45E-09	3.15E-09	1.26E-08	7.37E-09	1.52E-09	8.88E-09
7310	624921.93	4265885.06	4.76E-08	1.64E-08	6.40E-08	3.98E-08	1.23E-08	5.21E-08	9.43E-09	3.14E-09	1.26E-08	7.35E-09	1.51E-09	8.86E-09

7311	624922.09	4265875.13	4.75E-08	1.63E-08	6.38E-08	3.97E-08	1.22E-08	5.19E-08	9.40E-09	3.13E-09	1.25E-08	7.33E-09	1.51E-09	8.84E-09
7312	624922.25	4265865.2	4.73E-08	1.63E-08	6.36E-08	3.95E-08	1.22E-08	5.17E-08	9.36E-09	3.12E-09	1.25E-08	7.30E-09	1.50E-09	8.80E-09
7313	624922.42	4265855.26	4.71E-08	1.62E-08	6.33E-08	3.93E-08	1.21E-08	5.15E-08	9.32E-09	3.10E-09	1.24E-08	7.26E-09	1.49E-09	8.76E-09
7314	624922.58	4265845.33	4.68E-08	1.61E-08	6.29E-08	3.91E-08	1.20E-08	5.12E-08	9.26E-09	3.08E-09	1.23E-08	7.22E-09	1.49E-09	8.71E-09
7315	624922.74	4265835.4	4.65E-08	1.60E-08	6.25E-08	3.89E-08	1.20E-08	5.08E-08	9.20E-09	3.06E-09	1.23E-08	7.17E-09	1.48E-09	8.65E-09
7316	624922.91	4265825.46	4.61E-08	1.59E-08	6.20E-08	3.86E-08	1.19E-08	5.04E-08	9.13E-09	3.04E-09	1.22E-08	7.12E-09	1.46E-09	8.58E-09
7317	624923.07	4265815.53	4.58E-08	1.57E-08	6.15E-08	3.83E-08	1.18E-08	5.00E-08	9.06E-09	3.02E-09	1.21E-08	7.06E-09	1.45E-09	8.52E-09
7318	624923.23	4265805.6	4.54E-08	1.56E-08	6.10E-08	3.79E-08	1.17E-08	4.96E-08	8.98E-09	2.99E-09	1.20E-08	7.00E-09	1.44E-09	8.44E-09
7319	624923.4	4265795.66	4.50E-08	1.55E-08	6.04E-08	3.76E-08	1.16E-08	4.92E-08	8.90E-09	2.96E-09	1.19E-08	6.94E-09	1.43E-09	8.37E-09
7320	624923.56	4265785.73	4.45E-08	1.53E-08	5.99E-08	3.72E-08	1.15E-08	4.87E-08	8.82E-09	2.93E-09	1.18E-08	6.87E-09	1.41E-09	8.29E-09
7321	624923.73	4265775.8	4.41E-08	1.52E-08	5.93E-08	3.69E-08	1.14E-08	4.82E-08	8.73E-09	2.91E-09	1.16E-08	6.81E-09	1.40E-09	8.20E-09
7322	624923.89	4265765.86	4.37E-08	1.50E-08	5.87E-08	3.65E-08	1.12E-08	4.77E-08	8.64E-09	2.88E-09	1.15E-08	6.74E-09	1.39E-09	8.12E-09
7323	624924.05	4265755.93	4.32E-08	1.49E-08	5.81E-08	3.61E-08	1.11E-08	4.72E-08	8.55E-09	2.85E-09	1.14E-08	6.67E-09	1.37E-09	8.04E-09
7324	624924.22	4265746	4.27E-08	1.47E-08	5.74E-08	3.57E-08	1.10E-08	4.67E-08	8.46E-09	2.82E-09	1.13E-08	6.59E-09	1.36E-09	7.95E-09
7325	624924.38	4265736.06	4.23E-08	1.45E-08	5.68E-08	3.53E-08	1.09E-08	4.62E-08	8.37E-09	2.78E-09	1.12E-08	6.52E-09	1.34E-09	7.86E-09
7326	624924.54	4265726.13	4.18E-08	1.44E-08	5.62E-08	3.49E-08	1.08E-08	4.57E-08	8.27E-09	2.75E-09	1.10E-08	6.45E-09	1.33E-09	7.77E-09
7327	624924.71	4265716.2	4.13E-08	1.42E-08	5.55E-08	3.45E-08	1.06E-08	4.52E-08	8.18E-09	2.72E-09	1.09E-08	6.37E-09	1.31E-09	7.68E-09
7328	624924.87	4265706.26	4.08E-08	1.40E-08	5.49E-08	3.41E-08	1.05E-08	4.46E-08	8.08E-09	2.69E-09	1.08E-08	6.30E-09	1.30E-09	7.59E-09
7329	624925.03	4265696.33	4.03E-08	1.39E-08	5.42E-08	3.37E-08	1.04E-08	4.41E-08	7.98E-09	2.66E-09	1.06E-08	6.22E-09	1.28E-09	7.50E-09
7330	624925.2	4265686.4	3.98E-08	1.37E-08	5.35E-08	3.33E-08	1.02E-08	4.35E-08	7.88E-09	2.62E-09	1.05E-08	6.14E-09	1.26E-09	7.41E-09
7331	624925.36	4265676.46	3.93E-08	1.35E-08	5.28E-08	3.28E-08	1.01E-08	4.29E-08	7.77E-09	2.59E-09	1.04E-08	6.06E-09	1.25E-09	7.30E-09
7332	624917.05	4266177.52	3.60E-08	1.24E-08	4.84E-08	3.01E-08	9.26E-09	3.93E-08	7.12E-09	2.37E-09	9.49E-09	5.55E-09	1.14E-09	6.69E-09
7333	624910.08	4266193.58	3.67E-08	1.26E-08	4.93E-08	3.06E-08	9.44E-09	4.01E-08	7.26E-09	2.42E-09	9.67E-09	5.66E-09	1.16E-09	6.82E-09
7334	624862.38	4266225.68	4.66E-08	1.60E-08	6.26E-08	3.90E-08	1.20E-08	5.10E-08	9.22E-09	3.07E-09	1.23E-08	7.19E-09	1.48E-09	8.67E-09
7335	624927.67	4266143.49	3.51E-08	1.21E-08	4.72E-08	2.94E-08	9.05E-09	3.84E-08	6.96E-09	2.32E-09	9.27E-09	5.42E-09	1.12E-09	6.54E-09
7336	624927.84	4266133.56	3.56E-08	1.22E-08	4.78E-08	2.97E-08	9.16E-09	3.89E-08	7.04E-09	2.34E-09	9.39E-09	5.49E-09	1.13E-09	6.62E-09
7337	624928	4266123.63	3.60E-08	1.24E-08	4.84E-08	3.01E-08	9.28E-09	3.94E-08	7.13E-09	2.37E-09	9.51E-09	5.56E-09	1.14E-09	6.70E-09
7338	624928.16	4266113.69	3.65E-08	1.26E-08	4.91E-08	3.05E-08	9.40E-09	3.99E-08	7.22E-09	2.40E-09	9.63E-09	5.63E-09	1.16E-09	6.79E-09
7339	624928.33	4266103.76	3.70E-08	1.27E-08	4.97E-08	3.09E-08	9.52E-09	4.04E-08	7.32E-09	2.44E-09	9.76E-09	5.71E-09	1.17E-09	6.88E-09
7340	624928.49	4266093.83	3.75E-08	1.29E-08	5.04E-08	3.13E-08	9.65E-09	4.10E-08	7.42E-09	2.47E-09	9.89E-09	5.78E-09	1.19E-09	6.97E-09
7341	624928.65	4266083.89	3.80E-08	1.31E-08	5.11E-08	3.18E-08	9.78E-09	4.15E-08	7.52E-09	2.50E-09	1.00E-08	5.86E-09	1.21E-09	7.07E-09
7342	624928.82	4266073.96	3.85E-08	1.32E-08	5.18E-08	3.22E-08	9.92E-09	4.21E-08	7.62E-09	2.54E-09	1.02E-08	5.94E-09	1.22E-09	7.16E-09
7343	624928.98	4266064.03	3.90E-08	1.34E-08	5.24E-08	3.26E-08	1.00E-08	4.27E-08	7.72E-09	2.57E-09	1.03E-08	6.02E-09	1.24E-09	7.26E-09
7344	624929.14	4266054.09	3.95E-08	1.36E-08	5.31E-08	3.30E-08	1.02E-08	4.32E-08	7.82E-09	2.60E-09	1.04E-08	6.10E-09	1.25E-09	7.35E-09
7345	624929.31	4266044.16	4.00E-08	1.38E-08	5.38E-08	3.34E-08	1.03E-08	4.37E-08	7.92E-09	2.64E-09	1.06E-08	6.17E-09	1.27E-09	7.44E-09
7346	624929.47	4266034.23	4.05E-08	1.39E-08	5.44E-08	3.38E-08	1.04E-08	4.43E-08	8.02E-09	2.67E-09	1.07E-08	6.25E-09	1.29E-09	7.53E-09
7347	624929.64	4266024.29	4.10E-08	1.41E-08	5.50E-08	3.42E-08	1.05E-08	4.48E-08	8.11E-09	2.70E-09	1.08E-08	6.32E-09	1.30E-09	7.62E-09
7348	624929.8	4266014.36	4.14E-08	1.42E-08	5.56E-08	3.46E-08	1.07E-08	4.53E-08	8.19E-09	2.73E-09	1.09E-08	6.39E-09	1.31E-09	7.70E-09
7349	624929.96	4266004.43	4.18E-08	1.44E-08	5.61E-08	3.49E-08	1.08E-08	4.57E-08	8.27E-09	2.75E-09	1.10E-08	6.45E-09	1.33E-09	7.77E-09
7350	624930.13	4265994.49	4.21E-08	1.45E-08	5.66E-08	3.52E-08	1.08E-08	4.61E-08	8.34E-09	2.78E-09	1.11E-08	6.50E-09	1.34E-09	7.84E-09
7351	624930.29	4265984.56	4.24E-08	1.46E-08	5.70E-08	3.55E-08	1.09E-08	4.64E-08	8.40E-09	2.80E-09	1.12E-08	6.55E-09	1.35E-09	7.90E-09
7352	624930.45	4265974.63	4.27E-08	1.47E-08	5.74E-08	3.57E-08	1.10E-08	4.67E-08	8.46E-09	2.81E-09	1.13E-08	6.59E-09	1.36E-09	7.95E-09
7353	624930.62	4265964.69	4.30E-08	1.48E-08	5.77E-08	3.59E-08	1.11E-08	4.70E-08	8.50E-09	2.83E-09	1.13E-08	6.63E-09	1.36E-09	7.99E-09
7354	624930.78	4265954.76	4.32E-08	1.48E-08	5.80E-08	3.61E-08	1.11E-08	4.72E-08	8.54E-09	2.84E-09	1.14E-08	6.66E-09	1.37E-09	8.03E-09
7355	624930.94	4265944.83	4.33E-08	1.49E-08	5.82E-08	3.62E-08	1.12E-08	4.74E-08	8.58E-09	2.86E-09	1.14E-08	6.69E-09	1.38E-09	8.06E-09
7356	624931.11	4265934.89	4.35E-08	1.49E-08	5.84E-08	3.63E-08	1.12E-08	4.75E-08	8.60E-09	2.86E-09	1.15E-08	6.71E-09	1.38E-09	8.09E-09
7357	624931.27	4265924.96	4.35E-08	1.50E-08	5.85E-08	3.64E-08	1.12E-08	4.76E-08	8.62E-09	2.87E-09	1.15E-08	6.72E-09	1.38E-09	8.10E-09
7358	624931.43	4265915.03	4.36E-08	1.50E-08	5.86E-08	3.65E-08	1.12E-08	4.77E-08	8.64E-09	2.87E-09	1.15E-08	6.73E-09	1.38E-09	8.12E-09
7359	624931.6	4265905.09	4.37E-08	1.50E-08	5.87E-08	3.65E-08	1.12E-08	4.77E-08	8.64E-09	2.88E-09	1.15E-08	6.74E-09	1.39E-09	8.12E-09
7360	624931.76	4265895.16	4.37E-08	1.50E-08	5.87E-08	3.65E-08	1.12E-08	4.77E-08	8.64E-09	2.88E-09	1.15E-08	6.74E-09	1.39E-09	8.12E-09
7361	624931.92	4265885.23	4.36E-08	1.50E-08	5.86E-08	3.64E-08	1.12E-08	4.77E-08	8.63E-09	2.87E-09	1.15E-08	6.73E-09	1.38E-09	8.11E-09
7362	624932.09	4265875.29	4.35E-08	1.50E-08	5.84E-08	3.63E-08	1.12E-08	4.75E-08	8.61E-09	2.86E-09	1.15E-08	6.71E-09	1.38E-09	8.09E-09
7363	624932.25	4265865.36	4.33E-08	1.49E-08	5.82E-08	3.62E-08	1.12E-08	4.74E-08	8.58E-09	2.86E-09	1.14E-08	6.69E-09	1.38E-09	8.06E-09
7364	624932.42	4265855.43	4.32E-08	1.48E-08	5.80E-08	3.61E-08	1.11E-08	4.72E-08	8.54E-09	2.84E-09	1.14E-08	6.66E-09	1.37E-09	8.03E-09
7365	624932.58	4265845.49	4.29E-08	1.48E-08	5.77E-08	3.59E-08	1.11E-08	4.70E-08	8.50E-09	2.83E-09	1.13E-08	6.63E-09	1.36E-09	7.99E-09
7366	624932.74	4265835.56	4.27E-08	1.47E-08	5.74E-08	3.57E-08	1.10E-08	4.67E-08	8.45E-09	2.81E-09	1.13E-08	6.59E-09	1.36E-09	7.95E-09
7367	624932.91	4265825.63	4.24E-08	1.46E-08	5.70E-08	3.55E-08	1.09E-08	4.64E-08	8.40E-09	2.80E-09	1.12E-08	6.55E-09	1.35E-09	7.90E-09
7368	624933.07	4265815.69	4.22E-08	1.45E-08	5.67E-08	3.52E-08	1.09E-08	4.61E-08	8.34E-09	2.78E-09	1.11E-08	6.51E-09	1.34E-09	7.84E-09
7369	624933.23	4265805.76	4.19E-08	1.44E-08	5.62E-08	3.50E-08	1.08E-08	4.58E-08	8.28E-09	2.76E-09	1.10E-08	6.46E-09	1.33E-09	7.79E-09
7370	624933.4	4265795.83	4.15E-08	1.43E-08	5.58E-08	3.47E-08	1.07E-08	4.54E-08	8.22E-09	2.74E-09	1.10E-08	6.41E-09	1.32E-09	7.73E-09
7371	624933.56	4265785.89	4.12E-08	1.42E-08	5.54E-08	3.44E-08	1.06E-08	4.50E-08	8.15E-09	2.71E-09	1.09E-08	6.36E-09	1.31E-09	7.66E-09
7372	624933.72	4265775.96	4.09E-08	1.40E-08	5.49E-08	3.41E-08	1.05E-08	4.47E-08	8.09E-09	2.69E-09	1.08E-08	6.30E-09	1.30E-09	7.60E-09
7373	624933.89	4265766.03	4.05E-08	1.39E-08	5.44E-08	3.38E-08	1.04E-08	4.43E-08	8.01E-09	2.67E-09	1.07E-08	6.25E-09	1.29E-09	7.53E-09
7374	624934.05	4265756.09	4.01E-08	1.38E-08	5.39E-08	3.35E-08	1.03E-08	4.39E-08	7.94E-09	2.64E-09	1.06E-08	6.19E-09	1.27E-09	7.46E-09
7375	624934.21	4265746.16	3.97E-08	1.37E-08	5.34E-08	3.32E-08	1.02E-08	4.35E-08	7.87E-09	2.62E-09	1.05E-08	6.13E-09	1.26E-09	7.39E-09
7376	624934.38	4265736.23	3.94E-08	1.35E-08	5.29E-08	3.29E-08	1.01E-08	4.30E-08	7.79E-09	2.59E-09	1.04E-08	6.07E-09	1.25E-09	7.32E-09
7377	624934.54	4265726.29	3.90E-08	1.34E-08	5.24E-08	3.26E-08	1.00E-08	4.26E-08	7.71E-09	2.57E-09	1.03E-08	6.01E-09	1.24E-09	7.25E-09
7378	624934.7	4265716.36	3.86E-08	1.33E-08	5.18E-08	3.22E-08	9.93E-09	4.22E-08	7.63E-09	2.54E-09	1.02E-08	5.95E-09	1.22E-09	7.18E-09
7379	624934.87	4265706.43	3.82E-08	1.31E-08	5.13E-08	3.19E-08	9.83E-09	4.17E-08	7.56E-09	2.52E-09	1.01E-08	5.89E-09	1.21E-09	7.10E-09

7380	624935.03	4265696.49	3.78E-08	1.30E-08	5.08E-08	3.16E-08	9.73E-09	4.13E-08	7.48E-09	2.49E-09	9.97E-09	5.83E-09	1.20E-09	7.03E-09
7381	624935.2	4265686.56	3.74E-08	1.28E-08	5.02E-08	3.12E-08	9.62E-09	4.08E-08	7.39E-09	2.46E-09	9.86E-09	5.76E-09	1.19E-09	6.95E-09
7382	624935.36	4265676.63	3.69E-08	1.27E-08	4.96E-08	3.08E-08	9.50E-09	4.03E-08	7.30E-09	2.43E-09	9.74E-09	5.69E-09	1.17E-09	6.87E-09
7383	624925.74	4266180.69	3.37E-08	1.16E-08	4.53E-08	2.82E-08	8.68E-09	3.69E-08	6.67E-09	2.22E-09	8.89E-09	5.20E-09	1.07E-09	6.27E-09
7384	624921.82	4266189.73	3.41E-08	1.17E-08	4.58E-08	2.85E-08	8.77E-09	3.73E-08	6.75E-09	2.25E-09	8.99E-09	5.26E-09	1.08E-09	6.34E-09
7385	624917.9	4266198.76	3.44E-08	1.18E-08	4.62E-08	2.88E-08	8.86E-09	3.76E-08	6.81E-09	2.27E-09	9.08E-09	5.31E-09	1.09E-09	6.40E-09
7386	624891.73	4266224.05	3.86E-08	1.33E-08	5.19E-08	3.23E-08	9.95E-09	4.22E-08	7.65E-09	2.55E-09	1.02E-08	5.96E-09	1.23E-09	7.19E-09
7387	624873.4	4266231.27	4.25E-08	1.46E-08	5.71E-08	3.55E-08	1.09E-08	4.64E-08	8.41E-09	2.80E-09	1.12E-08	6.56E-09	1.35E-09	7.90E-09
7388	624864.24	4266234.88	4.43E-08	1.52E-08	5.96E-08	3.71E-08	1.14E-08	4.85E-08	8.77E-09	2.92E-09	1.17E-08	6.84E-09	1.41E-09	8.25E-09
7389	624855.08	4266238.49	4.60E-08	1.58E-08	6.19E-08	3.85E-08	1.19E-08	5.03E-08	9.11E-09	3.03E-09	1.21E-08	7.10E-09	1.46E-09	8.56E-09
7390	624937.67	4266143.66	3.27E-08	1.13E-08	4.40E-08	2.74E-08	8.43E-09	3.58E-08	6.48E-09	2.16E-09	8.64E-09	5.05E-09	1.04E-09	6.09E-09
7391	624937.83	4266133.72	3.31E-08	1.14E-08	4.45E-08	2.77E-08	8.52E-09	3.62E-08	6.55E-09	2.18E-09	8.73E-09	5.11E-09	1.05E-09	6.16E-09
7392	624938	4266123.79	3.35E-08	1.15E-08	4.50E-08	2.80E-08	8.62E-09	3.66E-08	6.63E-09	2.21E-09	8.83E-09	5.17E-09	1.06E-09	6.23E-09
7393	624938.16	4266113.86	3.39E-08	1.16E-08	4.55E-08	2.83E-08	8.72E-09	3.70E-08	6.70E-09	2.23E-09	8.94E-09	5.23E-09	1.07E-09	6.30E-09
7394	624938.33	4266103.92	3.43E-08	1.18E-08	4.61E-08	2.86E-08	8.82E-09	3.75E-08	6.78E-09	2.26E-09	9.04E-09	5.29E-09	1.09E-09	6.38E-09
7395	624938.49	4266093.99	3.47E-08	1.19E-08	4.66E-08	2.90E-08	8.93E-09	3.79E-08	6.87E-09	2.29E-09	9.15E-09	5.35E-09	1.10E-09	6.45E-09
7396	624938.65	4266084.06	3.51E-08	1.21E-08	4.72E-08	2.94E-08	9.04E-09	3.84E-08	6.95E-09	2.31E-09	9.27E-09	5.42E-09	1.11E-09	6.53E-09
7397	624938.82	4266074.12	3.56E-08	1.22E-08	4.78E-08	2.97E-08	9.15E-09	3.89E-08	7.04E-09	2.34E-09	9.38E-09	5.49E-09	1.13E-09	6.61E-09
7398	624938.98	4266064.19	3.60E-08	1.24E-08	4.84E-08	3.01E-08	9.27E-09	3.93E-08	7.12E-09	2.37E-09	9.49E-09	5.55E-09	1.14E-09	6.70E-09
7399	624939.14	4266054.26	3.64E-08	1.25E-08	4.89E-08	3.04E-08	9.38E-09	3.98E-08	7.21E-09	2.40E-09	9.61E-09	5.62E-09	1.16E-09	6.77E-09
7400	624939.31	4266044.32	3.68E-08	1.27E-08	4.95E-08	3.08E-08	9.48E-09	4.03E-08	7.29E-09	2.43E-09	9.72E-09	5.68E-09	1.17E-09	6.85E-09
7401	624939.47	4266034.39	3.72E-08	1.28E-08	5.01E-08	3.11E-08	9.59E-09	4.07E-08	7.37E-09	2.45E-09	9.83E-09	5.75E-09	1.18E-09	6.93E-09
7402	624939.63	4266024.46	3.77E-08	1.29E-08	5.06E-08	3.15E-08	9.69E-09	4.12E-08	7.45E-09	2.48E-09	9.93E-09	5.81E-09	1.19E-09	7.00E-09
7403	624939.8	4266014.52	3.80E-08	1.31E-08	5.11E-08	3.18E-08	9.79E-09	4.16E-08	7.53E-09	2.51E-09	1.00E-08	5.87E-09	1.21E-09	7.08E-09
7404	624939.96	4266004.59	3.84E-08	1.32E-08	5.16E-08	3.21E-08	9.88E-09	4.19E-08	7.59E-09	2.53E-09	1.01E-08	5.92E-09	1.22E-09	7.14E-09
7405	624940.12	4265994.66	3.87E-08	1.33E-08	5.20E-08	3.23E-08	9.95E-09	4.23E-08	7.65E-09	2.55E-09	1.02E-08	5.97E-09	1.23E-09	7.19E-09
7406	624940.29	4265984.72	3.89E-08	1.34E-08	5.23E-08	3.25E-08	1.00E-08	4.26E-08	7.71E-09	2.57E-09	1.03E-08	6.01E-09	1.24E-09	7.24E-09
7407	624940.45	4265974.79	3.92E-08	1.35E-08	5.27E-08	3.28E-08	1.01E-08	4.28E-08	7.76E-09	2.58E-09	1.03E-08	6.05E-09	1.24E-09	7.29E-09
7408	624940.62	4265964.86	3.94E-08	1.35E-08	5.29E-08	3.29E-08	1.01E-08	4.31E-08	7.80E-09	2.60E-09	1.04E-08	6.08E-09	1.25E-09	7.33E-09
7409	624940.78	4265954.92	3.96E-08	1.36E-08	5.32E-08	3.31E-08	1.02E-08	4.33E-08	7.84E-09	2.61E-09	1.04E-08	6.11E-09	1.26E-09	7.36E-09
7410	624940.94	4265944.99	3.97E-08	1.37E-08	5.34E-08	3.32E-08	1.02E-08	4.34E-08	7.87E-09	2.62E-09	1.05E-08	6.13E-09	1.26E-09	7.39E-09
7411	624941.11	4265935.06	3.99E-08	1.37E-08	5.36E-08	3.33E-08	1.03E-08	4.36E-08	7.89E-09	2.63E-09	1.05E-08	6.15E-09	1.26E-09	7.41E-09
7412	624941.27	4265925.12	3.99E-08	1.37E-08	5.37E-08	3.34E-08	1.03E-08	4.37E-08	7.91E-09	2.63E-09	1.05E-08	6.16E-09	1.27E-09	7.43E-09
7413	624941.43	4265915.19	4.00E-08	1.38E-08	5.38E-08	3.35E-08	1.03E-08	4.38E-08	7.92E-09	2.64E-09	1.06E-08	6.18E-09	1.27E-09	7.45E-09
7414	624941.6	4265905.26	4.01E-08	1.38E-08	5.38E-08	3.35E-08	1.03E-08	4.38E-08	7.93E-09	2.64E-09	1.06E-08	6.18E-09	1.27E-09	7.45E-09
7415	624941.76	4265895.32	4.01E-08	1.38E-08	5.39E-08	3.35E-08	1.03E-08	4.38E-08	7.93E-09	2.64E-09	1.06E-08	6.19E-09	1.27E-09	7.46E-09
7416	624941.92	4265885.39	4.00E-08	1.38E-08	5.38E-08	3.35E-08	1.03E-08	4.38E-08	7.93E-09	2.64E-09	1.06E-08	6.18E-09	1.27E-09	7.45E-09
7417	624942.09	4265875.46	4.00E-08	1.37E-08	5.37E-08	3.34E-08	1.03E-08	4.37E-08	7.91E-09	2.63E-09	1.05E-08	6.17E-09	1.27E-09	7.44E-09
7418	624942.25	4265865.52	3.99E-08	1.37E-08	5.36E-08	3.33E-08	1.03E-08	4.36E-08	7.89E-09	2.63E-09	1.05E-08	6.15E-09	1.27E-09	7.42E-09
7419	624942.41	4265855.59	3.97E-08	1.37E-08	5.34E-08	3.32E-08	1.02E-08	4.34E-08	7.87E-09	2.62E-09	1.05E-08	6.13E-09	1.26E-09	7.39E-09
7420	624942.58	4265845.66	3.96E-08	1.36E-08	5.32E-08	3.31E-08	1.02E-08	4.33E-08	7.83E-09	2.61E-09	1.04E-08	6.11E-09	1.26E-09	7.36E-09
7421	624942.74	4265835.72	3.94E-08	1.36E-08	5.30E-08	3.29E-08	1.01E-08	4.31E-08	7.80E-09	2.60E-09	1.04E-08	6.08E-09	1.25E-09	7.33E-09
7422	624942.9	4265825.79	3.92E-08	1.35E-08	5.27E-08	3.28E-08	1.01E-08	4.29E-08	7.76E-09	2.58E-09	1.03E-08	6.05E-09	1.24E-09	7.29E-09
7423	624943.07	4265815.86	3.90E-08	1.34E-08	5.24E-08	3.26E-08	1.00E-08	4.26E-08	7.72E-09	2.57E-09	1.03E-08	6.02E-09	1.24E-09	7.25E-09
7424	624943.23	4265805.92	3.88E-08	1.33E-08	5.21E-08	3.24E-08	9.98E-09	4.24E-08	7.67E-09	2.55E-09	1.02E-08	5.98E-09	1.23E-09	7.21E-09
7425	624943.4	4265795.99	3.85E-08	1.32E-08	5.17E-08	3.22E-08	9.91E-09	4.21E-08	7.62E-09	2.54E-09	1.02E-08	5.94E-09	1.22E-09	7.16E-09
7426	624943.56	4265786.06	3.82E-08	1.32E-08	5.14E-08	3.20E-08	9.85E-09	4.18E-08	7.57E-09	2.52E-09	1.01E-08	5.90E-09	1.21E-09	7.11E-09
7427	624943.72	4265776.12	3.80E-08	1.31E-08	5.10E-08	3.17E-08	9.78E-09	4.15E-08	7.52E-09	2.50E-09	1.00E-08	5.86E-09	1.20E-09	7.06E-09
7428	624943.89	4265766.19	3.77E-08	1.30E-08	5.06E-08	3.15E-08	9.70E-09	4.12E-08	7.46E-09	2.48E-09	9.94E-09	5.81E-09	1.20E-09	7.01E-09
7429	624944.05	4265756.26	3.74E-08	1.29E-08	5.02E-08	3.12E-08	9.62E-09	4.09E-08	7.40E-09	2.46E-09	9.86E-09	5.77E-09	1.19E-09	6.95E-09
7430	624944.21	4265746.32	3.71E-08	1.28E-08	4.98E-08	3.10E-08	9.55E-09	4.05E-08	7.34E-09	2.44E-09	9.78E-09	5.72E-09	1.18E-09	6.90E-09
7431	624944.38	4265736.39	3.68E-08	1.26E-08	4.94E-08	3.07E-08	9.46E-09	4.02E-08	7.28E-09	2.42E-09	9.70E-09	5.67E-09	1.17E-09	6.84E-09
7432	624944.54	4265726.46	3.64E-08	1.25E-08	4.90E-08	3.05E-08	9.38E-09	3.98E-08	7.21E-09	2.40E-09	9.61E-09	5.62E-09	1.16E-09	6.78E-09
7433	624944.7	4265716.52	3.61E-08	1.24E-08	4.85E-08	3.02E-08	9.30E-09	3.95E-08	7.15E-09	2.38E-09	9.53E-09	5.57E-09	1.15E-09	6.72E-09
7434	624944.87	4265706.59	3.58E-08	1.23E-08	4.81E-08	2.99E-08	9.22E-09	3.91E-08	7.09E-09	2.36E-09	9.44E-09	5.52E-09	1.14E-09	6.66E-09
7435	624945.03	4265696.66	3.55E-08	1.22E-08	4.77E-08	2.97E-08	9.13E-09	3.88E-08	7.02E-09	2.34E-09	9.36E-09	5.47E-09	1.13E-09	6.60E-09
7436	624945.19	4265686.72	3.51E-08	1.21E-08	4.72E-08	2.94E-08	9.05E-09	3.84E-08	6.95E-09	2.31E-09	9.27E-09	5.42E-09	1.12E-09	6.54E-09
7437	624945.36	4265676.79	3.48E-08	1.20E-08	4.67E-08	2.91E-08	8.95E-09	3.80E-08	6.88E-09	2.29E-09	9.17E-09	5.36E-09	1.10E-09	6.47E-09
7438	624936.07	4266180.11	3.15E-08	1.08E-08	4.24E-08	2.63E-08	8.11E-09	3.45E-08	6.24E-09	2.08E-09	8.31E-09	4.86E-09	1.00E-09	5.86E-09
7439	624932.26	4266188.89	3.19E-08	1.10E-08	4.28E-08	2.66E-08	8.20E-09	3.48E-08	6.31E-09	2.10E-09	8.41E-09	4.92E-09	1.01E-09	5.93E-09
7440	624928.44	4266197.67	3.22E-08	1.11E-08	4.33E-08	2.69E-08	8.29E-09	3.52E-08	6.37E-09	2.12E-09	8.49E-09	4.97E-09	1.02E-09	5.99E-09
7441	624908.1	4266227.53	3.45E-08	1.19E-08	4.64E-08	2.88E-08	8.88E-09	3.77E-08	6.83E-09	2.27E-09	9.10E-09	5.32E-09	1.09E-09	6.42E-09
7442	624899.19	4266231.04	3.61E-08	1.24E-08	4.86E-08	3.02E-08	9.31E-09	3.95E-08	7.15E-09	2.38E-09	9.54E-09	5.58E-09	1.15E-09	6.72E-09
7443	624890.28	4266234.55	3.78E-08	1.30E-08	5.08E-08	3.16E-08	9.74E-09	4.13E-08	7.49E-09	2.49E-09	9.98E-09	5.84E-09	1.20E-09	7.04E-09
7444	624881.37	4266238.06	3.95E-08	1.36E-08	5.31E-08	3.30E-08	1.02E-08	4.32E-08	7.82E-09	2.60E-09	1.04E-08	6.09E-09	1.25E-09	7.35E-09
7445	624872.46	4266241.57	4.11E-08	1.41E-08	5.53E-08	3.44E-08	1.06E-08	4.50E-08	8.14E-09	2.71E-09	1.08E-08	6.35E-09	1.30E-09	7.65E-09
7446	624863.55	4266245.08	4.27E-08	1.47E-08	5.73E-08	3.56E-08	1.10E-08	4.66E-08	8.44E-09	2.81E-09	1.13E-08	6.58E-09	1.35E-09	7.93E-09
7447	624854.64	4266248.59	4.40E-08	1.51E-08	5.92E-08	3.68E-08	1.13E-08	4.81E-08	8.72E-09	2.90E-09	1.16E-08	6.80E-09	1.40E-09	8.19E-09
7448	624947.67	4266143.82	3.06E-08	1.05E-08	4.11E-08	2.56E-08	7.88E-09	3.34E-08	6.06E-09	2.02E-09	8.07E-09	4.72E-09	9.71E-10	5.69E-09

7449	624947.83	4266133.89	3.09E-08	1.06E-08	4.15E-08	2.58E-08	7.96E-09	3.38E-08	6.12E-09	2.04E-09	8.15E-09	4.77E-09	9.81E-10	5.75E-09
7450	624948	4266123.96	3.12E-08	1.07E-08	4.19E-08	2.61E-08	8.04E-09	3.41E-08	6.18E-09	2.06E-09	8.23E-09	4.82E-09	9.90E-10	5.81E-09
7451	624948.16	4266114.02	3.15E-08	1.08E-08	4.24E-08	2.64E-08	8.12E-09	3.45E-08	6.24E-09	2.08E-09	8.32E-09	4.87E-09	1.00E-09	5.87E-09
7452	624948.32	4266104.09	3.19E-08	1.10E-08	4.28E-08	2.66E-08	8.21E-09	3.48E-08	6.31E-09	2.10E-09	8.41E-09	4.92E-09	1.01E-09	5.93E-09
7453	624948.49	4266094.16	3.22E-08	1.11E-08	4.33E-08	2.69E-08	8.30E-09	3.52E-08	6.38E-09	2.12E-09	8.50E-09	4.97E-09	1.02E-09	5.99E-09
7454	624948.65	4266084.22	3.26E-08	1.12E-08	4.38E-08	2.72E-08	8.39E-09	3.56E-08	6.45E-09	2.15E-09	8.60E-09	5.03E-09	1.03E-09	6.06E-09
7455	624948.81	4266074.29	3.30E-08	1.13E-08	4.43E-08	2.75E-08	8.48E-09	3.60E-08	6.52E-09	2.17E-09	8.69E-09	5.08E-09	1.05E-09	6.13E-09
7456	624948.98	4266064.36	3.33E-08	1.15E-08	4.48E-08	2.78E-08	8.58E-09	3.64E-08	6.60E-09	2.20E-09	8.79E-09	5.14E-09	1.06E-09	6.20E-09
7457	624949.14	4266054.42	3.37E-08	1.16E-08	4.53E-08	2.82E-08	8.67E-09	3.68E-08	6.67E-09	2.22E-09	8.89E-09	5.20E-09	1.07E-09	6.27E-09
7458	624949.31	4266044.49	3.40E-08	1.17E-08	4.57E-08	2.85E-08	8.76E-09	3.72E-08	6.74E-09	2.24E-09	8.98E-09	5.25E-09	1.08E-09	6.33E-09
7459	624949.47	4266034.56	3.44E-08	1.18E-08	4.62E-08	2.88E-08	8.86E-09	3.76E-08	6.81E-09	2.27E-09	9.08E-09	5.31E-09	1.09E-09	6.40E-09
7460	624949.63	4266024.62	3.48E-08	1.20E-08	4.67E-08	2.90E-08	8.95E-09	3.80E-08	6.88E-09	2.29E-09	9.17E-09	5.36E-09	1.10E-09	6.47E-09
7461	624949.8	4266014.69	3.51E-08	1.21E-08	4.71E-08	2.93E-08	9.03E-09	3.84E-08	6.94E-09	2.31E-09	9.26E-09	5.41E-09	1.11E-09	6.53E-09
7462	624949.96	4266004.76	3.54E-08	1.22E-08	4.75E-08	2.96E-08	9.11E-09	3.87E-08	7.00E-09	2.33E-09	9.33E-09	5.46E-09	1.12E-09	6.58E-09
7463	624950.12	4265994.82	3.56E-08	1.23E-08	4.79E-08	2.98E-08	9.17E-09	3.90E-08	7.05E-09	2.35E-09	9.40E-09	5.50E-09	1.13E-09	6.63E-09
7464	624950.29	4265984.89	3.59E-08	1.23E-08	4.82E-08	3.00E-08	9.24E-09	3.92E-08	7.10E-09	2.36E-09	9.47E-09	5.54E-09	1.14E-09	6.67E-09
7465	624950.45	4265974.96	3.61E-08	1.24E-08	4.85E-08	3.02E-08	9.29E-09	3.95E-08	7.14E-09	2.38E-09	9.52E-09	5.57E-09	1.15E-09	6.71E-09
7466	624950.61	4265965.02	3.63E-08	1.25E-08	4.88E-08	3.03E-08	9.34E-09	3.97E-08	7.18E-09	2.39E-09	9.57E-09	5.60E-09	1.15E-09	6.75E-09
7467	624950.78	4265955.09	3.65E-08	1.25E-08	4.90E-08	3.05E-08	9.38E-09	3.99E-08	7.21E-09	2.40E-09	9.62E-09	5.62E-09	1.16E-09	6.78E-09
7468	624950.94	4265945.16	3.66E-08	1.26E-08	4.92E-08	3.06E-08	9.42E-09	4.00E-08	7.24E-09	2.41E-09	9.65E-09	5.65E-09	1.16E-09	6.81E-09
7469	624951.1	4265935.22	3.67E-08	1.26E-08	4.93E-08	3.07E-08	9.45E-09	4.01E-08	7.27E-09	2.42E-09	9.68E-09	5.66E-09	1.16E-09	6.83E-09
7470	624951.27	4265925.29	3.68E-08	1.27E-08	4.94E-08	3.07E-08	9.47E-09	4.02E-08	7.28E-09	2.42E-09	9.71E-09	5.68E-09	1.17E-09	6.84E-09
7471	624951.43	4265915.36	3.69E-08	1.27E-08	4.96E-08	3.08E-08	9.49E-09	4.03E-08	7.30E-09	2.43E-09	9.73E-09	5.69E-09	1.17E-09	6.86E-09
7472	624951.59	4265905.42	3.69E-08	1.27E-08	4.96E-08	3.09E-08	9.51E-09	4.04E-08	7.31E-09	2.43E-09	9.74E-09	5.70E-09	1.17E-09	6.87E-09
7473	624951.76	4265895.49	3.70E-08	1.27E-08	4.97E-08	3.09E-08	9.51E-09	4.04E-08	7.32E-09	2.43E-09	9.75E-09	5.70E-09	1.17E-09	6.88E-09
7474	624951.92	4265885.56	3.69E-08	1.27E-08	4.96E-08	3.09E-08	9.51E-09	4.04E-08	7.31E-09	2.43E-09	9.74E-09	5.70E-09	1.17E-09	6.87E-09
7475	624952.09	4265875.62	3.69E-08	1.27E-08	4.96E-08	3.08E-08	9.50E-09	4.03E-08	7.30E-09	2.43E-09	9.73E-09	5.69E-09	1.17E-09	6.86E-09
7476	624952.25	4265865.69	3.68E-08	1.27E-08	4.95E-08	3.08E-08	9.48E-09	4.03E-08	7.29E-09	2.43E-09	9.72E-09	5.68E-09	1.17E-09	6.85E-09
7477	624952.41	4265855.76	3.67E-08	1.26E-08	4.94E-08	3.07E-08	9.46E-09	4.02E-08	7.27E-09	2.42E-09	9.69E-09	5.67E-09	1.17E-09	6.83E-09
7478	624952.58	4265845.82	3.66E-08	1.26E-08	4.92E-08	3.06E-08	9.43E-09	4.00E-08	7.25E-09	2.41E-09	9.66E-09	5.65E-09	1.16E-09	6.81E-09
7479	624952.74	4265835.89	3.65E-08	1.26E-08	4.90E-08	3.05E-08	9.40E-09	3.99E-08	7.22E-09	2.40E-09	9.63E-09	5.63E-09	1.16E-09	6.79E-09
7480	624952.9	4265825.96	3.64E-08	1.25E-08	4.89E-08	3.04E-08	9.36E-09	3.97E-08	7.20E-09	2.40E-09	9.59E-09	5.61E-09	1.15E-09	6.76E-09
7481	624953.07	4265816.02	3.62E-08	1.24E-08	4.86E-08	3.02E-08	9.32E-09	3.96E-08	7.16E-09	2.38E-09	9.55E-09	5.58E-09	1.15E-09	6.73E-09
7482	624953.23	4265806.09	3.60E-08	1.24E-08	4.84E-08	3.01E-08	9.27E-09	3.94E-08	7.13E-09	2.37E-09	9.50E-09	5.56E-09	1.14E-09	6.70E-09
7483	624953.39	4265796.16	3.58E-08	1.23E-08	4.81E-08	2.99E-08	9.22E-09	3.92E-08	7.09E-09	2.36E-09	9.45E-09	5.53E-09	1.14E-09	6.66E-09
7484	624953.56	4265786.22	3.56E-08	1.22E-08	4.79E-08	2.98E-08	9.17E-09	3.89E-08	7.05E-09	2.35E-09	9.40E-09	5.50E-09	1.13E-09	6.63E-09
7485	624953.72	4265776.29	3.54E-08	1.22E-08	4.76E-08	2.96E-08	9.11E-09	3.87E-08	7.01E-09	2.33E-09	9.34E-09	5.46E-09	1.12E-09	6.59E-09
7486	624953.88	4265766.36	3.52E-08	1.21E-08	4.73E-08	2.94E-08	9.06E-09	3.85E-08	6.96E-09	2.32E-09	9.28E-09	5.43E-09	1.12E-09	6.54E-09
7487	624954.05	4265756.42	3.49E-08	1.20E-08	4.69E-08	2.92E-08	8.99E-09	3.82E-08	6.91E-09	2.30E-09	9.21E-09	5.39E-09	1.11E-09	6.50E-09
7488	624954.21	4265746.49	3.47E-08	1.19E-08	4.66E-08	2.90E-08	8.93E-09	3.79E-08	6.86E-09	2.28E-09	9.15E-09	5.35E-09	1.10E-09	6.45E-09
7489	624954.38	4265736.56	3.44E-08	1.18E-08	4.63E-08	2.88E-08	8.86E-09	3.76E-08	6.81E-09	2.27E-09	9.08E-09	5.31E-09	1.09E-09	6.40E-09
7490	624954.54	4265726.62	3.42E-08	1.17E-08	4.59E-08	2.85E-08	8.79E-09	3.73E-08	6.76E-09	2.25E-09	9.01E-09	5.27E-09	1.08E-09	6.35E-09
7491	624954.7	4265716.69	3.39E-08	1.17E-08	4.55E-08	2.83E-08	8.73E-09	3.71E-08	6.71E-09	2.23E-09	8.94E-09	5.23E-09	1.08E-09	6.31E-09
7492	624954.87	4265706.76	3.36E-08	1.16E-08	4.52E-08	2.81E-08	8.66E-09	3.68E-08	6.66E-09	2.22E-09	8.87E-09	5.19E-09	1.07E-09	6.26E-09
7493	624955.03	4265696.82	3.34E-08	1.15E-08	4.49E-08	2.79E-08	8.59E-09	3.65E-08	6.61E-09	2.20E-09	8.81E-09	5.15E-09	1.06E-09	6.21E-09
7494	624955.19	4265686.89	3.31E-08	1.14E-08	4.45E-08	2.77E-08	8.52E-09	3.62E-08	6.55E-09	2.18E-09	8.73E-09	5.11E-09	1.05E-09	6.16E-09
7495	624955.36	4265676.96	3.28E-08	1.13E-08	4.41E-08	2.74E-08	8.44E-09	3.59E-08	6.49E-09	2.16E-09	8.65E-09	5.06E-09	1.04E-09	6.10E-09
7496	624961.07	4266180.52	2.70E-08	9.28E-09	3.63E-08	2.25E-08	6.94E-09	2.95E-08	5.34E-09	1.78E-09	7.12E-09	4.16E-09	8.56E-10	5.02E-09
7497	624957.25	4266189.3	2.73E-08	9.38E-09	3.67E-08	2.28E-08	7.03E-09	2.98E-08	5.40E-09	1.80E-09	7.20E-09	4.21E-09	8.66E-10	5.08E-09
7498	624953.44	4266198.08	2.76E-08	9.48E-09	3.71E-08	2.31E-08	7.10E-09	3.02E-08	5.46E-09	1.82E-09	7.28E-09	4.26E-09	8.75E-10	5.13E-09
7499	624942	4266224.44	2.83E-08	9.74E-09	3.80E-08	2.37E-08	7.29E-09	3.10E-08	5.60E-09	1.87E-09	7.47E-09	4.37E-09	8.98E-10	5.27E-09
7500	624938.19	4266233.22	2.85E-08	9.80E-09	3.83E-08	2.38E-08	7.34E-09	3.12E-08	5.64E-09	1.88E-09	7.52E-09	4.40E-09	9.04E-10	5.30E-09
7501	624925.47	4266245.51	2.99E-08	1.03E-08	4.02E-08	2.50E-08	7.70E-09	3.27E-08	5.92E-09	1.97E-09	7.89E-09	4.61E-09	9.49E-10	5.56E-09
7502	624916.56	4266249.02	3.12E-08	1.07E-08	4.19E-08	2.61E-08	8.03E-09	3.41E-08	6.17E-09	2.05E-09	8.23E-09	4.81E-09	9.90E-10	5.80E-09
7503	624907.65	4266252.53	3.25E-08	1.12E-08	4.37E-08	2.72E-08	8.37E-09	3.55E-08	6.43E-09	2.14E-09	8.57E-09	5.01E-09	1.03E-09	6.04E-09
7504	624898.74	4266256.04	3.38E-08	1.16E-08	4.54E-08	2.83E-08	8.70E-09	3.70E-08	6.69E-09	2.23E-09	8.92E-09	5.22E-09	1.07E-09	6.29E-09
7505	624889.83	4266259.55	3.51E-08	1.21E-08	4.71E-08	2.93E-08	9.03E-09	3.84E-08	6.94E-09	2.31E-09	9.26E-09	5.41E-09	1.11E-09	6.53E-09
7506	624880.92	4266263.05	3.63E-08	1.25E-08	4.88E-08	3.04E-08	9.35E-09	3.97E-08	7.19E-09	2.39E-09	9.58E-09	5.60E-09	1.15E-09	6.76E-09
7507	624872.02	4266266.56	3.75E-08	1.29E-08	5.03E-08	3.13E-08	9.65E-09	4.10E-08	7.42E-09	2.47E-09	9.88E-09	5.78E-09	1.19E-09	6.97E-09
7508	624863.11	4266270.07	3.85E-08	1.32E-08	5.18E-08	3.22E-08	9.92E-09	4.21E-08	7.62E-09	2.54E-09	1.02E-08	5.94E-09	1.22E-09	7.17E-09
7509	624854.2	4266273.58	3.94E-08	1.36E-08	5.30E-08	3.30E-08	1.02E-08	4.31E-08	7.81E-09	2.60E-09	1.04E-08	6.09E-09	1.25E-09	7.34E-09
7510	624972.67	4266144.23	2.61E-08	8.98E-09	3.51E-08	2.18E-08	6.72E-09	2.85E-08	5.17E-09	1.72E-09	6.89E-09	4.03E-09	8.28E-10	4.86E-09
7511	624972.83	4266134.3	2.63E-08	9.04E-09	3.53E-08	2.20E-08	6.77E-09	2.88E-08	5.21E-09	1.73E-09	6.94E-09	4.06E-09	8.35E-10	4.89E-09
7512	624972.99	4266124.37	2.65E-08	9.11E-09	3.56E-08	2.21E-08	6.82E-09	2.90E-08	5.25E-09	1.75E-09	6.99E-09	4.09E-09	8.41E-10	4.93E-09
7513	624973.16	4266114.43	2.67E-08	9.18E-09	3.59E-08	2.23E-08	6.88E-09	2.92E-08	5.29E-09	1.76E-09	7.05E-09	4.12E-09	8.48E-10	4.97E-09
7514	624973.32	4266104.5	2.69E-08	9.26E-09	3.62E-08	2.25E-08	6.93E-09	2.94E-08	5.33E-09	1.77E-09	7.10E-09	4.15E-09	8.55E-10	5.01E-09
7515	624973.48	4266094.57	2.72E-08	9.34E-09	3.65E-08	2.27E-08	6.99E-09	2.97E-08	5.38E-09	1.79E-09	7.16E-09	4.19E-09	8.62E-10	5.05E-09
7516	624973.65	4266084.63	2.74E-08	9.42E-09	3.68E-08	2.29E-08	7.05E-09	3.00E-08	5.42E-09	1.80E-09	7.23E-09	4.23E-09	8.69E-10	5.10E-09
7517	624973.81	4266074.7	2.76E-08	9.50E-09	3.71E-08	2.31E-08	7.12E-09	3.02E-08	5.47E-09	1.82E-09	7.29E-09	4.26E-09	8.77E-10	5.14E-09

7518	624973.97	4266064.77	2.79E-08	9.59E-09	3.75E-08	2.33E-08	7.18E-09	3.05E-08	5.52E-09	1.84E-09	7.36E-09	4.30E-09	8.85E-10	5.19E-09
7519	624974.14	4266054.83	2.81E-08	9.68E-09	3.78E-08	2.35E-08	7.24E-09	3.08E-08	5.57E-09	1.85E-09	7.42E-09	4.34E-09	8.93E-10	5.23E-09
7520	624974.3	4266044.9	2.84E-08	9.76E-09	3.81E-08	2.37E-08	7.31E-09	3.10E-08	5.62E-09	1.87E-09	7.49E-09	4.38E-09	9.01E-10	5.28E-09
7521	624974.47	4266034.97	2.86E-08	9.85E-09	3.85E-08	2.39E-08	7.37E-09	3.13E-08	5.67E-09	1.89E-09	7.56E-09	4.42E-09	9.09E-10	5.33E-09
7522	624974.63	4266025.03	2.89E-08	9.94E-09	3.88E-08	2.42E-08	7.44E-09	3.16E-08	5.72E-09	1.90E-09	7.62E-09	4.46E-09	9.17E-10	5.38E-09
7523	624974.79	4266015.1	2.91E-08	1.00E-08	3.92E-08	2.44E-08	7.50E-09	3.19E-08	5.77E-09	1.92E-09	7.69E-09	4.50E-09	9.25E-10	5.42E-09
7524	624974.96	4266005.17	2.93E-08	1.01E-08	3.94E-08	2.45E-08	7.55E-09	3.21E-08	5.81E-09	1.93E-09	7.74E-09	4.53E-09	9.31E-10	5.46E-09
7525	624975.12	4265995.23	2.95E-08	1.02E-08	3.97E-08	2.47E-08	7.60E-09	3.23E-08	5.85E-09	1.95E-09	7.79E-09	4.56E-09	9.37E-10	5.50E-09
7526	624975.28	4265985.3	2.97E-08	1.02E-08	3.99E-08	2.48E-08	7.65E-09	3.25E-08	5.88E-09	1.96E-09	7.84E-09	4.59E-09	9.43E-10	5.53E-09
7527	624975.45	4265975.37	2.99E-08	1.03E-08	4.02E-08	2.50E-08	7.69E-09	3.27E-08	5.91E-09	1.97E-09	7.88E-09	4.61E-09	9.48E-10	5.56E-09
7528	624975.61	4265965.43	3.00E-08	1.03E-08	4.04E-08	2.51E-08	7.73E-09	3.28E-08	5.94E-09	1.98E-09	7.92E-09	4.63E-09	9.53E-10	5.59E-09
7529	624975.77	4265955.5	3.02E-08	1.04E-08	4.05E-08	2.52E-08	7.76E-09	3.30E-08	5.97E-09	1.99E-09	7.96E-09	4.65E-09	9.57E-10	5.61E-09
7530	624975.94	4265945.57	3.03E-08	1.04E-08	4.07E-08	2.53E-08	7.79E-09	3.31E-08	5.99E-09	1.99E-09	7.99E-09	4.67E-09	9.61E-10	5.63E-09
7531	624976.1	4265935.63	3.04E-08	1.04E-08	4.08E-08	2.54E-08	7.82E-09	3.32E-08	6.01E-09	2.00E-09	8.01E-09	4.69E-09	9.64E-10	5.65E-09
7532	624976.26	4265925.7	3.05E-08	1.05E-08	4.09E-08	2.55E-08	7.84E-09	3.33E-08	6.03E-09	2.01E-09	8.03E-09	4.70E-09	9.66E-10	5.67E-09
7533	624976.43	4265915.77	3.05E-08	1.05E-08	4.10E-08	2.55E-08	7.86E-09	3.34E-08	6.04E-09	2.01E-09	8.06E-09	4.71E-09	9.69E-10	5.68E-09
7534	624976.59	4265905.83	3.06E-08	1.05E-08	4.11E-08	2.56E-08	7.88E-09	3.35E-08	6.06E-09	2.02E-09	8.07E-09	4.72E-09	9.71E-10	5.69E-09
7535	624976.76	4265895.9	3.07E-08	1.05E-08	4.12E-08	2.56E-08	7.89E-09	3.35E-08	6.07E-09	2.02E-09	8.09E-09	4.73E-09	9.73E-10	5.70E-09
7536	624976.92	4265885.97	3.07E-08	1.06E-08	4.12E-08	2.56E-08	7.90E-09	3.35E-08	6.07E-09	2.02E-09	8.09E-09	4.73E-09	9.74E-10	5.71E-09
7537	624977.08	4265876.03	3.07E-08	1.06E-08	4.12E-08	2.57E-08	7.90E-09	3.36E-08	6.07E-09	2.02E-09	8.10E-09	4.74E-09	9.74E-10	5.71E-09
7538	624977.25	4265866.1	3.07E-08	1.06E-08	4.12E-08	2.56E-08	7.90E-09	3.35E-08	6.07E-09	2.02E-09	8.09E-09	4.73E-09	9.74E-10	5.71E-09
7539	624977.41	4265856.17	3.07E-08	1.05E-08	4.12E-08	2.56E-08	7.89E-09	3.35E-08	6.07E-09	2.02E-09	8.09E-09	4.73E-09	9.73E-10	5.70E-09
7540	624977.57	4265846.23	3.06E-08	1.05E-08	4.12E-08	2.56E-08	7.89E-09	3.35E-08	6.06E-09	2.02E-09	8.08E-09	4.73E-09	9.72E-10	5.70E-09
7541	624977.74	4265836.3	3.06E-08	1.05E-08	4.11E-08	2.56E-08	7.87E-09	3.34E-08	6.05E-09	2.01E-09	8.07E-09	4.72E-09	9.71E-10	5.69E-09
7542	624977.9	4265826.37	3.05E-08	1.05E-08	4.10E-08	2.55E-08	7.86E-09	3.34E-08	6.04E-09	2.01E-09	8.05E-09	4.71E-09	9.69E-10	5.68E-09
7543	624978.06	4265816.43	3.05E-08	1.05E-08	4.09E-08	2.55E-08	7.84E-09	3.33E-08	6.03E-09	2.01E-09	8.03E-09	4.70E-09	9.67E-10	5.67E-09
7544	624978.23	4265806.5	3.04E-08	1.04E-08	4.08E-08	2.54E-08	7.82E-09	3.32E-08	6.01E-09	2.00E-09	8.01E-09	4.69E-09	9.64E-10	5.65E-09
7545	624978.39	4265796.57	3.03E-08	1.04E-08	4.07E-08	2.53E-08	7.79E-09	3.31E-08	5.99E-09	1.99E-09	7.99E-09	4.67E-09	9.61E-10	5.63E-09
7546	624978.55	4265786.63	3.02E-08	1.04E-08	4.05E-08	2.52E-08	7.77E-09	3.30E-08	5.97E-09	1.99E-09	7.96E-09	4.66E-09	9.58E-10	5.61E-09
7547	624978.72	4265776.7	3.01E-08	1.03E-08	4.04E-08	2.51E-08	7.74E-09	3.29E-08	5.95E-09	1.98E-09	7.93E-09	4.64E-09	9.54E-10	5.59E-09
7548	624978.88	4265766.77	2.99E-08	1.03E-08	4.02E-08	2.50E-08	7.70E-09	3.27E-08	5.92E-09	1.97E-09	7.89E-09	4.62E-09	9.49E-10	5.57E-09
7549	624979.04	4265756.83	2.98E-08	1.02E-08	4.00E-08	2.49E-08	7.67E-09	3.26E-08	5.89E-09	1.96E-09	7.86E-09	4.60E-09	9.45E-10	5.54E-09
7550	624979.21	4265746.9	2.96E-08	1.02E-08	3.98E-08	2.48E-08	7.63E-09	3.24E-08	5.86E-09	1.95E-09	7.82E-09	4.57E-09	9.40E-10	5.51E-09
7551	624979.37	4265736.97	2.95E-08	1.01E-08	3.96E-08	2.46E-08	7.59E-09	3.22E-08	5.84E-09	1.94E-09	7.78E-09	4.55E-09	9.36E-10	5.49E-09
7552	624979.54	4265727.03	2.93E-08	1.01E-08	3.94E-08	2.45E-08	7.55E-09	3.21E-08	5.81E-09	1.93E-09	7.74E-09	4.53E-09	9.31E-10	5.46E-09
7553	624979.7	4265717.1	2.92E-08	1.00E-08	3.92E-08	2.44E-08	7.52E-09	3.19E-08	5.78E-09	1.92E-09	7.70E-09	4.51E-09	9.27E-10	5.43E-09
7554	624979.86	4265707.17	2.90E-08	9.99E-09	3.90E-08	2.43E-08	7.48E-09	3.18E-08	5.75E-09	1.91E-09	7.66E-09	4.48E-09	9.22E-10	5.40E-09
7555	624980.03	4265697.23	2.89E-08	9.93E-09	3.88E-08	2.41E-08	7.44E-09	3.16E-08	5.72E-09	1.90E-09	7.62E-09	4.46E-09	9.17E-10	5.37E-09
7556	624980.19	4265687.3	2.87E-08	9.87E-09	3.86E-08	2.40E-08	7.39E-09	3.14E-08	5.68E-09	1.89E-09	7.57E-09	4.43E-09	9.11E-10	5.34E-09
7557	624980.35	4265677.37	2.85E-08	9.81E-09	3.83E-08	2.38E-08	7.34E-09	3.12E-08	5.65E-09	1.88E-09	7.52E-09	4.40E-09	9.05E-10	5.31E-09
7558	624986.06	4266180.93	2.34E-08	8.04E-09	3.14E-08	1.95E-08	6.02E-09	2.56E-08	4.63E-09	1.54E-09	6.17E-09	3.61E-09	7.42E-10	4.35E-09
7559	624982.25	4266189.71	2.37E-08	8.14E-09	3.18E-08	1.98E-08	6.09E-09	2.59E-08	4.68E-09	1.56E-09	6.24E-09	3.65E-09	7.51E-10	4.40E-09
7560	624978.44	4266198.5	2.39E-08	8.22E-09	3.21E-08	2.00E-08	6.16E-09	2.61E-08	4.73E-09	1.58E-09	6.31E-09	3.69E-09	7.59E-10	4.45E-09
7561	624967	4266224.85	2.46E-08	8.46E-09	3.31E-08	2.06E-08	6.33E-09	2.69E-08	4.87E-09	1.62E-09	6.49E-09	3.80E-09	7.81E-10	4.58E-09
7562	624963.19	4266233.63	2.48E-08	8.53E-09	3.33E-08	2.07E-08	6.38E-09	2.71E-08	4.91E-09	1.63E-09	6.54E-09	3.83E-09	7.87E-10	4.61E-09
7563	624959.38	4266242.41	2.50E-08	8.59E-09	3.36E-08	2.09E-08	6.43E-09	2.73E-08	4.94E-09	1.65E-09	6.59E-09	3.85E-09	7.93E-10	4.65E-09
7564	624955.56	4266251.2	2.51E-08	8.64E-09	3.38E-08	2.10E-08	6.47E-09	2.75E-08	4.97E-09	1.66E-09	6.63E-09	3.88E-09	7.97E-10	4.67E-09
7565	624942.84	4266263.49	2.63E-08	9.03E-09	3.53E-08	2.20E-08	6.76E-09	2.87E-08	5.20E-09	1.73E-09	6.93E-09	4.05E-09	8.33E-10	4.89E-09
7566	624933.93	4266267	2.73E-08	9.39E-09	3.67E-08	2.28E-08	7.03E-09	2.98E-08	5.40E-09	1.80E-09	7.20E-09	4.21E-09	8.66E-10	5.08E-09
7567	624925.02	4266270.51	2.84E-08	9.75E-09	3.81E-08	2.37E-08	7.30E-09	3.10E-08	5.61E-09	1.87E-09	7.48E-09	4.37E-09	9.00E-10	5.27E-09
7568	624916.11	4266274.02	2.94E-08	1.01E-08	3.95E-08	2.46E-08	7.57E-09	3.21E-08	5.82E-09	1.94E-09	7.76E-09	4.54E-09	9.33E-10	5.47E-09
7569	624907.21	4266277.52	3.04E-08	1.05E-08	4.09E-08	2.54E-08	7.84E-09	3.33E-08	6.03E-09	2.01E-09	8.03E-09	4.70E-09	9.66E-10	5.66E-09
7570	624898.3	4266281.03	3.15E-08	1.08E-08	4.23E-08	2.63E-08	8.10E-09	3.44E-08	6.23E-09	2.07E-09	8.30E-09	4.85E-09	9.98E-10	5.85E-09
7571	624889.39	4266284.54	3.24E-08	1.11E-08	4.36E-08	2.71E-08	8.35E-09	3.54E-08	6.42E-09	2.14E-09	8.55E-09	5.00E-09	1.03E-09	6.03E-09
7572	624880.48	4266288.05	3.33E-08	1.15E-08	4.48E-08	2.79E-08	8.58E-09	3.64E-08	6.60E-09	2.20E-09	8.79E-09	5.14E-09	1.06E-09	6.20E-09
7573	624997.66	4266144.65	2.26E-08	7.76E-09	3.03E-08	1.89E-08	5.81E-09	2.47E-08	4.47E-09	1.49E-09	5.95E-09	3.48E-09	7.16E-10	4.20E-09
7574	624997.83	4266134.71	2.27E-08	7.81E-09	3.05E-08	1.90E-08	5.84E-09	2.48E-08	4.49E-09	1.50E-09	5.99E-09	3.50E-09	7.20E-10	4.22E-09
7575	624997.99	4266124.78	2.28E-08	7.85E-09	3.07E-08	1.91E-08	5.88E-09	2.50E-08	4.52E-09	1.50E-09	6.02E-09	3.52E-09	7.24E-10	4.25E-09
7576	624998.15	4266114.85	2.30E-08	7.90E-09	3.09E-08	1.92E-08	5.91E-09	2.51E-08	4.55E-09	1.51E-09	6.06E-09	3.54E-09	7.29E-10	4.27E-09
7577	624998.32	4266104.91	2.31E-08	7.95E-09	3.11E-08	1.93E-08	5.95E-09	2.53E-08	4.57E-09	1.52E-09	6.10E-09	3.57E-09	7.33E-10	4.30E-09
7578	624998.48	4266094.98	2.33E-08	8.00E-09	3.13E-08	1.94E-08	5.99E-09	2.54E-08	4.60E-09	1.53E-09	6.14E-09	3.59E-09	7.38E-10	4.33E-09
7579	624998.64	4266085.05	2.34E-08	8.05E-09	3.15E-08	1.96E-08	6.03E-09	2.56E-08	4.64E-09	1.54E-09	6.18E-09	3.61E-09	7.43E-10	4.36E-09
7580	624998.81	4266075.11	2.36E-08	8.11E-09	3.17E-08	1.97E-08	6.07E-09	2.58E-08	4.67E-09	1.55E-09	6.22E-09	3.64E-09	7.49E-10	4.39E-09
7581	624998.97	4266065.18	2.38E-08	8.17E-09	3.19E-08	1.99E-08	6.12E-09	2.60E-08	4.70E-09	1.57E-09	6.27E-09	3.67E-09	7.54E-10	4.42E-09
7582	624999.14	4266055.25	2.39E-08	8.24E-09	3.22E-08	2.00E-08	6.17E-09	2.62E-08	4.74E-09	1.58E-09	6.32E-09	3.70E-09	7.60E-10	4.46E-09
7583	624999.3	4266045.31	2.41E-08	8.30E-09	3.24E-08	2.02E-08	6.21E-09	2.64E-08	4.78E-09	1.59E-09	6.37E-09	3.72E-09	7.66E-10	4.49E-09
7584	624999.46	4266035.38	2.43E-08	8.36E-09	3.27E-08	2.03E-08	6.26E-09	2.66E-08	4.81E-09	1.60E-09	6.41E-09	3.75E-09	7.72E-10	4.52E-09
7585	624999.63	4266025.45	2.45E-08	8.42E-09	3.29E-08	2.05E-08	6.31E-09	2.68E-08	4.85E-09	1.61E-09	6.46E-09	3.78E-09	7.77E-10	4.56E-09
7586	624999.79	4266015.51	2.47E-08	8.48E-09	3.31E-08	2.06E-08	6.35E-09	2.70E-08	4.88E-09	1.62E-09	6.51E-09	3.81E-09	7.83E-10	4.59E-09

7587	624999.95	4266005.58	2.48E-08	8.53E-09	3.34E-08	2.07E-08	6.39E-09	2.71E-08	4.91E-09	1.64E-09	6.55E-09	3.83E-09	7.88E-10	4.62E-09
7588	625000.12	4265995.65	2.50E-08	8.59E-09	3.36E-08	2.09E-08	6.43E-09	2.73E-08	4.94E-09	1.64E-09	6.59E-09	3.85E-09	7.92E-10	4.64E-09
7589	625000.28	4265985.71	2.51E-08	8.63E-09	3.37E-08	2.10E-08	6.46E-09	2.74E-08	4.97E-09	1.65E-09	6.62E-09	3.87E-09	7.97E-10	4.67E-09
7590	625000.44	4265975.78	2.52E-08	8.68E-09	3.39E-08	2.11E-08	6.50E-09	2.76E-08	4.99E-09	1.66E-09	6.66E-09	3.89E-09	8.01E-10	4.69E-09
7591	625000.61	4265965.85	2.54E-08	8.72E-09	3.41E-08	2.12E-08	6.53E-09	2.77E-08	5.02E-09	1.67E-09	6.69E-09	3.91E-09	8.05E-10	4.72E-09
7592	625000.77	4265955.91	2.55E-08	8.76E-09	3.42E-08	2.13E-08	6.56E-09	2.78E-08	5.04E-09	1.68E-09	6.72E-09	3.93E-09	8.08E-10	4.74E-09
7593	625000.93	4265945.98	2.56E-08	8.79E-09	3.44E-08	2.14E-08	6.58E-09	2.80E-08	5.06E-09	1.68E-09	6.75E-09	3.95E-09	8.12E-10	4.76E-09
7594	625001.1	4265936.05	2.57E-08	8.83E-09	3.45E-08	2.15E-08	6.61E-09	2.81E-08	5.08E-09	1.69E-09	6.77E-09	3.96E-09	8.15E-10	4.78E-09
7595	625001.26	4265926.11	2.58E-08	8.86E-09	3.46E-08	2.15E-08	6.63E-09	2.82E-08	5.10E-09	1.70E-09	6.80E-09	3.98E-09	8.18E-10	4.79E-09
7596	625001.42	4265916.18	2.58E-08	8.89E-09	3.47E-08	2.16E-08	6.65E-09	2.83E-08	5.11E-09	1.70E-09	6.82E-09	3.99E-09	8.20E-10	4.81E-09
7597	625001.59	4265906.25	2.59E-08	8.91E-09	3.48E-08	2.17E-08	6.67E-09	2.83E-08	5.13E-09	1.71E-09	6.83E-09	4.00E-09	8.22E-10	4.82E-09
7598	625001.75	4265896.31	2.60E-08	8.93E-09	3.49E-08	2.17E-08	6.69E-09	2.84E-08	5.14E-09	1.71E-09	6.85E-09	4.01E-09	8.24E-10	4.83E-09
7599	625001.92	4265886.38	2.60E-08	8.94E-09	3.50E-08	2.17E-08	6.70E-09	2.84E-08	5.15E-09	1.71E-09	6.86E-09	4.01E-09	8.25E-10	4.84E-09
7600	625002.08	4265876.45	2.60E-08	8.96E-09	3.50E-08	2.18E-08	6.71E-09	2.85E-08	5.16E-09	1.72E-09	6.87E-09	4.02E-09	8.27E-10	4.85E-09
7601	625002.24	4265866.51	2.61E-08	8.96E-09	3.50E-08	2.18E-08	6.71E-09	2.85E-08	5.16E-09	1.72E-09	6.88E-09	4.02E-09	8.27E-10	4.85E-09
7602	625002.41	4265856.58	2.61E-08	8.97E-09	3.51E-08	2.18E-08	6.72E-09	2.85E-08	5.16E-09	1.72E-09	6.88E-09	4.03E-09	8.28E-10	4.85E-09
7603	625002.57	4265846.65	2.61E-08	8.97E-09	3.51E-08	2.18E-08	6.72E-09	2.85E-08	5.17E-09	1.72E-09	6.88E-09	4.03E-09	8.28E-10	4.85E-09
7604	625002.73	4265836.71	2.61E-08	8.97E-09	3.51E-08	2.18E-08	6.72E-09	2.85E-08	5.16E-09	1.72E-09	6.88E-09	4.03E-09	8.28E-10	4.85E-09
7605	625002.9	4265826.78	2.61E-08	8.97E-09	3.50E-08	2.18E-08	6.71E-09	2.85E-08	5.16E-09	1.72E-09	6.88E-09	4.02E-09	8.28E-10	4.85E-09
7606	625003.06	4265816.85	2.61E-08	8.96E-09	3.50E-08	2.18E-08	6.71E-09	2.85E-08	5.16E-09	1.72E-09	6.87E-09	4.02E-09	8.27E-10	4.85E-09
7607	625003.22	4265806.91	2.60E-08	8.95E-09	3.50E-08	2.18E-08	6.70E-09	2.85E-08	5.15E-09	1.71E-09	6.87E-09	4.02E-09	8.26E-10	4.84E-09
7608	625003.39	4265796.98	2.60E-08	8.93E-09	3.49E-08	2.17E-08	6.69E-09	2.84E-08	5.14E-09	1.71E-09	6.85E-09	4.01E-09	8.25E-10	4.83E-09
7609	625003.55	4265787.05	2.59E-08	8.92E-09	3.48E-08	2.17E-08	6.68E-09	2.83E-08	5.13E-09	1.71E-09	6.84E-09	4.00E-09	8.23E-10	4.82E-09
7610	625003.71	4265777.11	2.59E-08	8.89E-09	3.48E-08	2.16E-08	6.66E-09	2.83E-08	5.12E-09	1.70E-09	6.82E-09	3.99E-09	8.21E-10	4.81E-09
7611	625003.88	4265767.18	2.58E-08	8.87E-09	3.47E-08	2.16E-08	6.64E-09	2.82E-08	5.11E-09	1.70E-09	6.81E-09	3.98E-09	8.19E-10	4.80E-09
7612	625004.04	4265757.25	2.57E-08	8.85E-09	3.46E-08	2.15E-08	6.62E-09	2.81E-08	5.09E-09	1.69E-09	6.79E-09	3.97E-09	8.16E-10	4.79E-09
7613	625004.2	4265747.31	2.56E-08	8.82E-09	3.45E-08	2.14E-08	6.60E-09	2.80E-08	5.08E-09	1.69E-09	6.77E-09	3.96E-09	8.14E-10	4.77E-09
7614	625004.37	4265737.38	2.56E-08	8.79E-09	3.44E-08	2.14E-08	6.58E-09	2.79E-08	5.06E-09	1.68E-09	6.74E-09	3.94E-09	8.11E-10	4.76E-09
7615	625004.53	4265727.45	2.55E-08	8.76E-09	3.42E-08	2.13E-08	6.56E-09	2.79E-08	5.04E-09	1.68E-09	6.72E-09	3.93E-09	8.09E-10	4.74E-09
7616	625004.7	4265717.51	2.54E-08	8.73E-09	3.41E-08	2.12E-08	6.54E-09	2.78E-08	5.03E-09	1.67E-09	6.70E-09	3.92E-09	8.06E-10	4.72E-09
7617	625004.86	4265707.58	2.53E-08	8.70E-09	3.40E-08	2.12E-08	6.52E-09	2.77E-08	5.01E-09	1.67E-09	6.68E-09	3.91E-09	8.03E-10	4.71E-09
7618	625005.02	4265697.65	2.52E-08	8.67E-09	3.39E-08	2.11E-08	6.49E-09	2.76E-08	4.99E-09	1.66E-09	6.65E-09	3.89E-09	8.01E-10	4.69E-09
7619	625005.19	4265687.71	2.51E-08	8.64E-09	3.38E-08	2.10E-08	6.47E-09	2.75E-08	4.97E-09	1.66E-09	6.63E-09	3.88E-09	7.97E-10	4.67E-09
7620	625005.35	4265677.78	2.50E-08	8.60E-09	3.36E-08	2.09E-08	6.44E-09	2.73E-08	4.95E-09	1.65E-09	6.60E-09	3.86E-09	7.94E-10	4.65E-09
7621	625011.06	4266181.34	2.05E-08	7.04E-09	2.75E-08	1.71E-08	5.27E-09	2.24E-08	4.05E-09	1.35E-09	5.40E-09	3.16E-09	6.50E-10	3.81E-09
7622	625007.25	4266190.12	2.07E-08	7.12E-09	2.78E-08	1.73E-08	5.33E-09	2.27E-08	4.10E-09	1.37E-09	5.47E-09	3.20E-09	6.58E-10	3.85E-09
7623	625003.43	4266198.91	2.10E-08	7.21E-09	2.82E-08	1.75E-08	5.39E-09	2.29E-08	4.15E-09	1.38E-09	5.53E-09	3.23E-09	6.65E-10	3.90E-09
7624	624988.18	4266234.04	2.18E-08	7.48E-09	2.92E-08	1.82E-08	5.60E-09	2.38E-08	4.31E-09	1.43E-09	5.74E-09	3.36E-09	6.91E-10	4.05E-09
7625	624984.37	4266242.83	2.19E-08	7.54E-09	2.95E-08	1.83E-08	5.65E-09	2.40E-08	4.34E-09	1.45E-09	5.79E-09	3.38E-09	6.96E-10	4.08E-09
7626	624980.56	4266251.61	2.21E-08	7.60E-09	2.97E-08	1.85E-08	5.69E-09	2.42E-08	4.37E-09	1.46E-09	5.83E-09	3.41E-09	7.01E-10	4.11E-09
7627	624976.75	4266260.39	2.22E-08	7.65E-09	2.99E-08	1.86E-08	5.73E-09	2.43E-08	4.40E-09	1.47E-09	5.87E-09	3.43E-09	7.06E-10	4.14E-09
7628	624972.93	4266269.18	2.24E-08	7.69E-09	3.01E-08	1.87E-08	5.76E-09	2.45E-08	4.43E-09	1.47E-09	5.90E-09	3.45E-09	7.10E-10	4.16E-09
7629	624960.21	4266281.47	2.33E-08	8.02E-09	3.13E-08	1.95E-08	6.00E-09	2.55E-08	4.62E-09	1.54E-09	6.15E-09	3.60E-09	7.40E-10	4.34E-09
7630	624951.3	4266284.98	2.42E-08	8.31E-09	3.25E-08	2.02E-08	6.22E-09	2.64E-08	4.79E-09	1.59E-09	6.38E-09	3.73E-09	7.67E-10	4.50E-09
7631	624888.94	4266309.54	2.99E-08	1.03E-08	4.02E-08	2.50E-08	7.71E-09	3.27E-08	5.93E-09	1.97E-09	7.90E-09	4.62E-09	9.50E-10	5.57E-09
7632	624880.03	4266313.05	3.06E-08	1.05E-08	4.11E-08	2.56E-08	7.88E-09	3.35E-08	6.06E-09	2.02E-09	8.07E-09	4.72E-09	9.71E-10	5.69E-09
7633	624871.12	4266316.56	3.12E-08	1.07E-08	4.19E-08	2.61E-08	8.04E-09	3.41E-08	6.18E-09	2.06E-09	8.23E-09	4.82E-09	9.90E-10	5.81E-09
7634	624862.21	4266320.06	3.17E-08	1.09E-08	4.27E-08	2.65E-08	8.17E-09	3.47E-08	6.28E-09	2.09E-09	8.37E-09	4.90E-09	1.01E-09	5.91E-09
7635	624853.3	4266323.57	3.22E-08	1.11E-08	4.33E-08	2.69E-08	8.29E-09	3.52E-08	6.37E-09	2.12E-09	8.49E-09	4.97E-09	1.02E-09	5.99E-09
7636	625022.66	4266145.06	1.97E-08	6.79E-09	2.65E-08	1.65E-08	5.08E-09	2.16E-08	3.91E-09	1.30E-09	5.21E-09	3.05E-09	6.26E-10	3.67E-09
7637	625022.82	4266135.12	1.98E-08	6.82E-09	2.66E-08	1.66E-08	5.10E-09	2.17E-08	3.92E-09	1.31E-09	5.23E-09	3.06E-09	6.29E-10	3.69E-09
7638	625022.99	4266125.19	1.99E-08	6.84E-09	2.67E-08	1.66E-08	5.12E-09	2.18E-08	3.94E-09	1.31E-09	5.25E-09	3.07E-09	6.32E-10	3.70E-09
7639	625023.15	4266115.26	2.00E-08	6.88E-09	2.69E-08	1.67E-08	5.15E-09	2.19E-08	3.96E-09	1.32E-09	5.27E-09	3.09E-09	6.35E-10	3.72E-09
7640	625023.31	4266105.32	2.01E-08	6.91E-09	2.70E-08	1.68E-08	5.17E-09	2.20E-08	3.98E-09	1.32E-09	5.30E-09	3.10E-09	6.38E-10	3.74E-09
7641	625023.48	4266095.39	2.02E-08	6.94E-09	2.71E-08	1.69E-08	5.20E-09	2.21E-08	4.00E-09	1.33E-09	5.33E-09	3.12E-09	6.41E-10	3.76E-09
7642	625023.64	4266085.46	2.03E-08	6.98E-09	2.73E-08	1.70E-08	5.23E-09	2.22E-08	4.02E-09	1.34E-09	5.36E-09	3.13E-09	6.44E-10	3.78E-09
7643	625023.8	4266075.52	2.04E-08	7.02E-09	2.74E-08	1.71E-08	5.26E-09	2.23E-08	4.04E-09	1.35E-09	5.39E-09	3.15E-09	6.48E-10	3.80E-09
7644	625023.97	4266065.59	2.06E-08	7.07E-09	2.76E-08	1.72E-08	5.29E-09	2.25E-08	4.07E-09	1.35E-09	5.42E-09	3.17E-09	6.52E-10	3.82E-09
7645	625024.13	4266055.66	2.07E-08	7.11E-09	2.78E-08	1.73E-08	5.33E-09	2.26E-08	4.10E-09	1.36E-09	5.46E-09	3.19E-09	6.57E-10	3.85E-09
7646	625024.3	4266045.72	2.08E-08	7.16E-09	2.80E-08	1.74E-08	5.36E-09	2.28E-08	4.12E-09	1.37E-09	5.50E-09	3.21E-09	6.61E-10	3.88E-09
7647	625024.46	4266035.79	2.10E-08	7.21E-09	2.82E-08	1.75E-08	5.40E-09	2.29E-08	4.15E-09	1.38E-09	5.53E-09	3.23E-09	6.65E-10	3.90E-09
7648	625024.62	4266025.86	2.11E-08	7.25E-09	2.83E-08	1.76E-08	5.43E-09	2.31E-08	4.17E-09	1.39E-09	5.56E-09	3.25E-09	6.69E-10	3.92E-09
7649	625024.79	4266015.92	2.12E-08	7.29E-09	2.85E-08	1.77E-08	5.46E-09	2.32E-08	4.20E-09	1.40E-09	5.60E-09	3.27E-09	6.73E-10	3.95E-09
7650	625024.95	4266005.99	2.13E-08	7.34E-09	2.87E-08	1.78E-08	5.49E-09	2.33E-08	4.22E-09	1.41E-09	5.63E-09	3.29E-09	6.77E-10	3.97E-09
7651	625025.11	4265996.06	2.15E-08	7.38E-09	2.88E-08	1.79E-08	5.52E-09	2.35E-08	4.25E-09	1.41E-09	5.66E-09	3.31E-09	6.81E-10	3.99E-09
7652	625025.28	4265986.12	2.16E-08	7.42E-09	2.90E-08	1.80E-08	5.55E-09	2.36E-08	4.27E-09	1.42E-09	5.69E-09	3.33E-09	6.84E-10	4.01E-09
7653	625025.44	4265976.19	2.17E-08	7.45E-09	2.91E-08	1.81E-08	5.58E-09	2.37E-08	4.29E-09	1.43E-09	5.72E-09	3.34E-09	6.88E-10	4.03E-09
7654	625025.6	4265966.26	2.18E-08	7.49E-09	2.93E-08	1.82E-08	5.61E-09	2.38E-08	4.31E-09	1.43E-09	5.74E-09	3.36E-09	6.91E-10	4.05E-09
7655	625025.77	4265956.32	2.19E-08	7.52E-09	2.94E-08	1.83E-08	5.63E-09	2.39E-08	4.33E-09	1.44E-09	5.77E-09	3.37E-09	6.94E-10	4.07E-09

7656	625025.93	4265946.39	2.20E-08	7.56E-09	2.95E-08	1.84E-08	5.66E-09	2.40E-08	4.35E-09	1.45E-09	5.80E-09	3.39E-09	6.97E-10	4.09E-09
7657	625026.09	4265936.46	2.21E-08	7.59E-09	2.97E-08	1.85E-08	5.68E-09	2.41E-08	4.37E-09	1.45E-09	5.82E-09	3.41E-09	7.01E-10	4.11E-09
7658	625026.26	4265926.52	2.22E-08	7.62E-09	2.98E-08	1.85E-08	5.71E-09	2.42E-08	4.39E-09	1.46E-09	5.85E-09	3.42E-09	7.04E-10	4.12E-09
7659	625026.42	4265916.59	2.22E-08	7.65E-09	2.99E-08	1.86E-08	5.73E-09	2.43E-08	4.40E-09	1.47E-09	5.87E-09	3.43E-09	7.06E-10	4.14E-09
7660	625026.58	4265906.66	2.23E-08	7.67E-09	3.00E-08	1.87E-08	5.74E-09	2.44E-08	4.42E-09	1.47E-09	5.89E-09	3.44E-09	7.08E-10	4.15E-09
7661	625026.75	4265896.72	2.24E-08	7.69E-09	3.01E-08	1.87E-08	5.76E-09	2.45E-08	4.43E-09	1.47E-09	5.90E-09	3.45E-09	7.10E-10	4.16E-09
7662	625026.91	4265886.79	2.24E-08	7.71E-09	3.01E-08	1.87E-08	5.77E-09	2.45E-08	4.44E-09	1.48E-09	5.92E-09	3.46E-09	7.12E-10	4.17E-09
7663	625027.08	4265876.86	2.25E-08	7.73E-09	3.02E-08	1.88E-08	5.79E-09	2.46E-08	4.45E-09	1.48E-09	5.93E-09	3.47E-09	7.13E-10	4.18E-09
7664	625027.24	4265866.92	2.25E-08	7.74E-09	3.03E-08	1.88E-08	5.80E-09	2.46E-08	4.46E-09	1.48E-09	5.94E-09	3.47E-09	7.15E-10	4.19E-09
7665	625027.4	4265856.99	2.26E-08	7.76E-09	3.03E-08	1.89E-08	5.81E-09	2.47E-08	4.46E-09	1.49E-09	5.95E-09	3.48E-09	7.16E-10	4.20E-09
7666	625027.57	4265847.06	2.26E-08	7.76E-09	3.03E-08	1.89E-08	5.81E-09	2.47E-08	4.47E-09	1.49E-09	5.96E-09	3.48E-09	7.17E-10	4.20E-09
7667	625027.73	4265837.12	2.26E-08	7.77E-09	3.04E-08	1.89E-08	5.82E-09	2.47E-08	4.47E-09	1.49E-09	5.96E-09	3.49E-09	7.17E-10	4.20E-09
7668	625027.89	4265827.19	2.26E-08	7.78E-09	3.04E-08	1.89E-08	5.82E-09	2.47E-08	4.48E-09	1.49E-09	5.97E-09	3.49E-09	7.18E-10	4.21E-09
7669	625028.06	4265817.26	2.26E-08	7.78E-09	3.04E-08	1.89E-08	5.82E-09	2.47E-08	4.48E-09	1.49E-09	5.97E-09	3.49E-09	7.18E-10	4.21E-09
7670	625028.22	4265807.32	2.26E-08	7.78E-09	3.04E-08	1.89E-08	5.82E-09	2.47E-08	4.48E-09	1.49E-09	5.97E-09	3.49E-09	7.18E-10	4.21E-09
7671	625028.38	4265797.39	2.26E-08	7.77E-09	3.04E-08	1.89E-08	5.82E-09	2.47E-08	4.47E-09	1.49E-09	5.96E-09	3.49E-09	7.17E-10	4.20E-09
7672	625028.55	4265787.46	2.26E-08	7.76E-09	3.03E-08	1.89E-08	5.81E-09	2.47E-08	4.47E-09	1.49E-09	5.95E-09	3.48E-09	7.16E-10	4.20E-09
7673	625028.71	4265777.52	2.25E-08	7.75E-09	3.03E-08	1.88E-08	5.80E-09	2.46E-08	4.46E-09	1.48E-09	5.95E-09	3.48E-09	7.15E-10	4.19E-09
7674	625028.87	4265767.59	2.25E-08	7.74E-09	3.02E-08	1.88E-08	5.79E-09	2.46E-08	4.45E-09	1.48E-09	5.94E-09	3.47E-09	7.14E-10	4.19E-09
7675	625029.04	4265757.66	2.25E-08	7.72E-09	3.02E-08	1.88E-08	5.78E-09	2.46E-08	4.45E-09	1.48E-09	5.93E-09	3.47E-09	7.13E-10	4.18E-09
7676	625029.2	4265747.72	2.24E-08	7.71E-09	3.01E-08	1.87E-08	5.77E-09	2.45E-08	4.44E-09	1.48E-09	5.91E-09	3.46E-09	7.11E-10	4.17E-09
7677	625029.37	4265737.79	2.24E-08	7.69E-09	3.01E-08	1.87E-08	5.76E-09	2.45E-08	4.43E-09	1.47E-09	5.90E-09	3.45E-09	7.10E-10	4.16E-09
7678	625029.53	4265727.86	2.23E-08	7.68E-09	3.00E-08	1.87E-08	5.75E-09	2.44E-08	4.42E-09	1.47E-09	5.89E-09	3.45E-09	7.09E-10	4.15E-09
7679	625029.69	4265717.92	2.23E-08	7.67E-09	3.00E-08	1.86E-08	5.74E-09	2.44E-08	4.41E-09	1.47E-09	5.88E-09	3.44E-09	7.07E-10	4.15E-09
7680	625029.86	4265707.99	2.23E-08	7.65E-09	2.99E-08	1.86E-08	5.73E-09	2.43E-08	4.40E-09	1.47E-09	5.87E-09	3.43E-09	7.06E-10	4.14E-09
7681	625030.02	4265698.06	2.22E-08	7.64E-09	2.98E-08	1.86E-08	5.72E-09	2.43E-08	4.40E-09	1.46E-09	5.86E-09	3.43E-09	7.05E-10	4.13E-09
7682	625030.18	4265688.12	2.22E-08	7.62E-09	2.98E-08	1.85E-08	5.71E-09	2.42E-08	4.39E-09	1.46E-09	5.85E-09	3.42E-09	7.03E-10	4.12E-09
7683	625030.35	4265678.19	2.21E-08	7.60E-09	2.97E-08	1.85E-08	5.69E-09	2.42E-08	4.37E-09	1.46E-09	5.83E-09	3.41E-09	7.01E-10	4.11E-09
7684	625036.06	4266181.75	1.81E-08	6.22E-09	2.43E-08	1.51E-08	4.66E-09	1.98E-08	3.58E-09	1.19E-09	4.77E-09	2.79E-09	5.74E-10	3.37E-09
7685	625032.24	4266190.54	1.83E-08	6.30E-09	2.46E-08	1.53E-08	4.71E-09	2.00E-08	3.62E-09	1.21E-09	4.83E-09	2.83E-09	5.81E-10	3.41E-09
7686	625028.43	4266199.32	1.85E-08	6.37E-09	2.49E-08	1.55E-08	4.77E-09	2.02E-08	3.67E-09	1.22E-09	4.89E-09	2.86E-09	5.88E-10	3.45E-09
7687	625024.62	4266208.1	1.87E-08	6.43E-09	2.51E-08	1.56E-08	4.82E-09	2.05E-08	3.70E-09	1.23E-09	4.94E-09	2.89E-09	5.94E-10	3.48E-09
7688	625020.81	4266216.89	1.89E-08	6.50E-09	2.54E-08	1.58E-08	4.87E-09	2.07E-08	3.74E-09	1.25E-09	4.99E-09	2.92E-09	6.00E-10	3.52E-09
7689	625016.99	4266225.67	1.91E-08	6.56E-09	2.56E-08	1.59E-08	4.91E-09	2.09E-08	3.78E-09	1.26E-09	5.03E-09	2.94E-09	6.05E-10	3.55E-09
7690	625013.18	4266234.45	1.92E-08	6.62E-09	2.59E-08	1.61E-08	4.95E-09	2.10E-08	3.81E-09	1.27E-09	5.08E-09	2.97E-09	6.11E-10	3.58E-09
7691	624994.12	4266278.37	2.00E-08	6.87E-09	2.68E-08	1.67E-08	5.14E-09	2.18E-08	3.95E-09	1.32E-09	5.27E-09	3.08E-09	6.34E-10	3.72E-09
7692	624990.31	4266287.15	2.01E-08	6.91E-09	2.70E-08	1.68E-08	5.17E-09	2.20E-08	3.98E-09	1.32E-09	5.30E-09	3.10E-09	6.38E-10	3.74E-09
7693	624950.86	4266309.97	2.31E-08	7.93E-09	3.10E-08	1.93E-08	5.94E-09	2.52E-08	4.57E-09	1.52E-09	6.09E-09	3.56E-09	7.32E-10	4.29E-09
7694	624941.95	4266313.48	2.38E-08	8.18E-09	3.20E-08	1.99E-08	6.13E-09	2.60E-08	4.71E-09	1.57E-09	6.28E-09	3.67E-09	7.55E-10	4.43E-09
7695	624933.04	4266316.99	2.45E-08	8.43E-09	3.29E-08	2.05E-08	6.31E-09	2.68E-08	4.85E-09	1.61E-09	6.47E-09	3.78E-09	7.78E-10	4.56E-09
7696	624924.13	4266320.5	2.52E-08	8.67E-09	3.39E-08	2.11E-08	6.49E-09	2.76E-08	4.99E-09	1.66E-09	6.65E-09	3.89E-09	8.00E-10	4.69E-09
7697	624897.4	4266331.03	2.71E-08	9.32E-09	3.64E-08	2.27E-08	6.98E-09	2.96E-08	5.37E-09	1.79E-09	7.15E-09	4.18E-09	8.60E-10	5.04E-09
7698	624888.49	4266334.53	2.77E-08	9.51E-09	3.72E-08	2.31E-08	7.12E-09	3.02E-08	5.48E-09	1.82E-09	7.30E-09	4.27E-09	8.78E-10	5.15E-09
7699	624879.59	4266338.04	2.82E-08	9.69E-09	3.79E-08	2.35E-08	7.25E-09	3.08E-08	5.58E-09	1.86E-09	7.43E-09	4.35E-09	8.94E-10	5.24E-09
7700	624870.68	4266341.55	2.86E-08	9.84E-09	3.84E-08	2.39E-08	7.37E-09	3.13E-08	5.66E-09	1.89E-09	7.55E-09	4.41E-09	9.08E-10	5.32E-09
7701	624861.77	4266345.06	2.90E-08	9.97E-09	3.90E-08	2.42E-08	7.47E-09	3.17E-08	5.74E-09	1.91E-09	7.65E-09	4.47E-09	9.20E-10	5.39E-09
7702	624852.86	4266348.57	2.93E-08	1.01E-08	3.94E-08	2.45E-08	7.55E-09	3.21E-08	5.80E-09	1.93E-09	7.74E-09	4.52E-09	9.31E-10	5.46E-09
7703	625047.66	4266145.47	1.74E-08	5.99E-09	2.34E-08	1.46E-08	4.49E-09	1.91E-08	3.45E-09	1.15E-09	4.60E-09	2.69E-09	5.53E-10	3.24E-09
7704	625047.82	4266135.54	1.75E-08	6.01E-09	2.35E-08	1.46E-08	4.50E-09	1.91E-08	3.46E-09	1.15E-09	4.61E-09	2.70E-09	5.55E-10	3.25E-09
7705	625047.98	4266125.6	1.75E-08	6.03E-09	2.36E-08	1.47E-08	4.52E-09	1.92E-08	3.47E-09	1.16E-09	4.63E-09	2.71E-09	5.57E-10	3.26E-09
7706	625048.15	4266115.67	1.76E-08	6.05E-09	2.36E-08	1.47E-08	4.53E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.71E-09	5.58E-10	3.27E-09
7707	625048.31	4266105.74	1.77E-08	6.07E-09	2.37E-08	1.48E-08	4.55E-09	1.93E-08	3.50E-09	1.16E-09	4.66E-09	2.72E-09	5.60E-10	3.29E-09
7708	625048.47	4266095.8	1.77E-08	6.10E-09	2.38E-08	1.48E-08	4.56E-09	1.94E-08	3.51E-09	1.17E-09	4.68E-09	2.74E-09	5.63E-10	3.30E-09
7709	625048.64	4266085.87	1.78E-08	6.12E-09	2.39E-08	1.49E-08	4.58E-09	1.95E-08	3.52E-09	1.17E-09	4.70E-09	2.75E-09	5.65E-10	3.31E-09
7710	625048.8	4266075.94	1.79E-08	6.15E-09	2.40E-08	1.50E-08	4.61E-09	1.96E-08	3.54E-09	1.18E-09	4.72E-09	2.76E-09	5.68E-10	3.33E-09
7711	625048.96	4266066	1.80E-08	6.19E-09	2.42E-08	1.50E-08	4.63E-09	1.97E-08	3.56E-09	1.19E-09	4.75E-09	2.78E-09	5.71E-10	3.35E-09
7712	625049.13	4266056.07	1.81E-08	6.22E-09	2.43E-08	1.51E-08	4.66E-09	1.98E-08	3.58E-09	1.19E-09	4.77E-09	2.79E-09	5.74E-10	3.37E-09
7713	625049.29	4266046.14	1.82E-08	6.26E-09	2.45E-08	1.52E-08	4.68E-09	1.99E-08	3.60E-09	1.20E-09	4.80E-09	2.81E-09	5.77E-10	3.38E-09
7714	625049.46	4266036.2	1.83E-08	6.29E-09	2.46E-08	1.53E-08	4.71E-09	2.00E-08	3.62E-09	1.21E-09	4.83E-09	2.82E-09	5.81E-10	3.40E-09
7715	625049.62	4266026.27	1.84E-08	6.32E-09	2.47E-08	1.54E-08	4.74E-09	2.01E-08	3.64E-09	1.21E-09	4.85E-09	2.84E-09	5.84E-10	3.42E-09
7716	625049.78	4266016.34	1.85E-08	6.36E-09	2.49E-08	1.55E-08	4.76E-09	2.02E-08	3.66E-09	1.22E-09	4.88E-09	2.85E-09	5.87E-10	3.44E-09
7717	625049.95	4266006.4	1.86E-08	6.39E-09	2.50E-08	1.55E-08	4.79E-09	2.03E-08	3.68E-09	1.22E-09	4.90E-09	2.87E-09	5.90E-10	3.46E-09
7718	625050.11	4265996.47	1.87E-08	6.43E-09	2.51E-08	1.56E-08	4.81E-09	2.04E-08	3.70E-09	1.23E-09	4.93E-09	2.88E-09	5.93E-10	3.48E-09
7719	625050.27	4265986.54	1.88E-08	6.46E-09	2.52E-08	1.57E-08	4.84E-09	2.05E-08	3.72E-09	1.24E-09	4.96E-09	2.90E-09	5.96E-10	3.49E-09
7720	625050.44	4265976.6	1.89E-08	6.49E-09	2.54E-08	1.58E-08	4.86E-09	2.06E-08	3.74E-09	1.24E-09	4.98E-09	2.91E-09	5.99E-10	3.51E-09
7721	625050.6	4265966.67	1.90E-08	6.53E-09	2.55E-08	1.59E-08	4.89E-09	2.07E-08	3.76E-09	1.25E-09	5.01E-09	2.93E-09	6.02E-10	3.53E-09
7722	625050.76	4265956.74	1.91E-08	6.56E-09	2.56E-08	1.59E-08	4.91E-09	2.08E-08	3.77E-09	1.26E-09	5.03E-09	2.94E-09	6.05E-10	3.55E-09
7723	625050.93	4265946.8	1.92E-08	6.59E-09	2.58E-08	1.60E-08	4.93E-09	2.10E-08	3.79E-09	1.26E-09	5.06E-09	2.96E-09	6.08E-10	3.56E-09
7724	625051.09	4265936.87	1.93E-08	6.62E-09	2.59E-08	1.61E-08	4.96E-09	2.11E-08	3.81E-09	1.27E-09	5.08E-09	2.97E-09	6.11E-10	3.58E-09

7725	625051.25	4265926.94	1.93E-08	6.65E-09	2.60E-08	1.62E-08	4.98E-09	2.11E-08	3.83E-09	1.27E-09	5.10E-09	2.98E-09	6.14E-10	3.60E-09
7726	625051.42	4265917	1.94E-08	6.68E-09	2.61E-08	1.62E-08	5.00E-09	2.12E-08	3.84E-09	1.28E-09	5.12E-09	3.00E-09	6.16E-10	3.61E-09
7727	625051.58	4265907.07	1.95E-08	6.70E-09	2.62E-08	1.63E-08	5.02E-09	2.13E-08	3.86E-09	1.28E-09	5.14E-09	3.01E-09	6.18E-10	3.63E-09
7728	625051.74	4265897.14	1.96E-08	6.72E-09	2.63E-08	1.63E-08	5.03E-09	2.14E-08	3.87E-09	1.29E-09	5.16E-09	3.02E-09	6.21E-10	3.64E-09
7729	625051.91	4265887.2	1.96E-08	6.74E-09	2.64E-08	1.64E-08	5.05E-09	2.14E-08	3.88E-09	1.29E-09	5.17E-09	3.03E-09	6.22E-10	3.65E-09
7730	625052.07	4265877.27	1.97E-08	6.76E-09	2.64E-08	1.64E-08	5.06E-09	2.15E-08	3.89E-09	1.30E-09	5.19E-09	3.03E-09	6.24E-10	3.66E-09
7731	625052.24	4265867.34	1.97E-08	6.78E-09	2.65E-08	1.65E-08	5.08E-09	2.16E-08	3.90E-09	1.30E-09	5.20E-09	3.04E-09	6.26E-10	3.67E-09
7732	625052.4	4265857.4	1.98E-08	6.80E-09	2.66E-08	1.65E-08	5.09E-09	2.16E-08	3.91E-09	1.30E-09	5.21E-09	3.05E-09	6.27E-10	3.68E-09
7733	625052.56	4265847.47	1.98E-08	6.81E-09	2.66E-08	1.65E-08	5.10E-09	2.16E-08	3.92E-09	1.30E-09	5.22E-09	3.06E-09	6.28E-10	3.68E-09
7734	625052.73	4265837.54	1.98E-08	6.82E-09	2.66E-08	1.66E-08	5.10E-09	2.17E-08	3.92E-09	1.31E-09	5.23E-09	3.06E-09	6.29E-10	3.69E-09
7735	625052.89	4265827.6	1.99E-08	6.83E-09	2.67E-08	1.66E-08	5.11E-09	2.17E-08	3.93E-09	1.31E-09	5.24E-09	3.06E-09	6.30E-10	3.69E-09
7736	625053.05	4265817.67	1.99E-08	6.83E-09	2.67E-08	1.66E-08	5.12E-09	2.17E-08	3.93E-09	1.31E-09	5.24E-09	3.07E-09	6.31E-10	3.70E-09
7737	625053.22	4265807.74	1.99E-08	6.84E-09	2.67E-08	1.66E-08	5.12E-09	2.17E-08	3.93E-09	1.31E-09	5.24E-09	3.07E-09	6.31E-10	3.70E-09
7738	625053.38	4265797.8	1.99E-08	6.83E-09	2.67E-08	1.66E-08	5.12E-09	2.17E-08	3.93E-09	1.31E-09	5.24E-09	3.07E-09	6.31E-10	3.70E-09
7739	625053.54	4265787.87	1.99E-08	6.83E-09	2.67E-08	1.66E-08	5.11E-09	2.17E-08	3.93E-09	1.31E-09	5.24E-09	3.06E-09	6.30E-10	3.70E-09
7740	625053.71	4265777.94	1.98E-08	6.82E-09	2.67E-08	1.66E-08	5.11E-09	2.17E-08	3.93E-09	1.31E-09	5.24E-09	3.06E-09	6.30E-10	3.69E-09
7741	625053.87	4265768	1.98E-08	6.82E-09	2.66E-08	1.66E-08	5.10E-09	2.17E-08	3.92E-09	1.31E-09	5.23E-09	3.06E-09	6.29E-10	3.69E-09
7742	625054.03	4265758.07	1.98E-08	6.81E-09	2.66E-08	1.65E-08	5.10E-09	2.16E-08	3.92E-09	1.30E-09	5.22E-09	3.05E-09	6.28E-10	3.68E-09
7743	625054.2	4265748.14	1.98E-08	6.80E-09	2.66E-08	1.65E-08	5.09E-09	2.16E-08	3.91E-09	1.30E-09	5.22E-09	3.05E-09	6.28E-10	3.68E-09
7744	625054.36	4265738.2	1.98E-08	6.79E-09	2.65E-08	1.65E-08	5.09E-09	2.16E-08	3.91E-09	1.30E-09	5.21E-09	3.05E-09	6.27E-10	3.68E-09
7745	625054.53	4265728.27	1.97E-08	6.79E-09	2.65E-08	1.65E-08	5.08E-09	2.16E-08	3.91E-09	1.30E-09	5.21E-09	3.05E-09	6.26E-10	3.67E-09
7746	625054.69	4265718.34	1.97E-08	6.78E-09	2.65E-08	1.65E-08	5.08E-09	2.16E-08	3.90E-09	1.30E-09	5.20E-09	3.04E-09	6.26E-10	3.67E-09
7747	625054.85	4265708.4	1.97E-08	6.78E-09	2.65E-08	1.65E-08	5.08E-09	2.16E-08	3.90E-09	1.30E-09	5.20E-09	3.04E-09	6.26E-10	3.67E-09
7748	625055.02	4265698.47	1.97E-08	6.78E-09	2.65E-08	1.65E-08	5.07E-09	2.15E-08	3.90E-09	1.30E-09	5.20E-09	3.04E-09	6.25E-10	3.67E-09
7749	625055.18	4265688.54	1.97E-08	6.77E-09	2.65E-08	1.65E-08	5.07E-09	2.15E-08	3.90E-09	1.30E-09	5.19E-09	3.04E-09	6.25E-10	3.66E-09
7750	625055.34	4265678.6	1.97E-08	6.76E-09	2.64E-08	1.64E-08	5.06E-09	2.15E-08	3.89E-09	1.30E-09	5.19E-09	3.03E-09	6.24E-10	3.66E-09
7751	625049.61	4266208.51	1.67E-08	5.73E-09	2.24E-08	1.39E-08	4.29E-09	1.82E-08	3.30E-09	1.10E-09	4.40E-09	2.57E-09	5.29E-10	3.10E-09
7752	625045.8	4266217.3	1.68E-08	5.79E-09	2.26E-08	1.41E-08	4.33E-09	1.84E-08	3.33E-09	1.11E-09	4.44E-09	2.60E-09	5.34E-10	3.13E-09
7753	625041.99	4266226.08	1.70E-08	5.84E-09	2.28E-08	1.42E-08	4.37E-09	1.86E-08	3.36E-09	1.12E-09	4.48E-09	2.62E-09	5.39E-10	3.16E-09
7754	625038.18	4266234.86	1.71E-08	5.89E-09	2.30E-08	1.43E-08	4.41E-09	1.87E-08	3.39E-09	1.13E-09	4.52E-09	2.64E-09	5.44E-10	3.19E-09
7755	625034.37	4266243.65	1.73E-08	5.94E-09	2.32E-08	1.45E-08	4.45E-09	1.89E-08	3.42E-09	1.14E-09	4.56E-09	2.67E-09	5.49E-10	3.22E-09
7756	625030.55	4266252.43	1.74E-08	5.99E-09	2.34E-08	1.46E-08	4.49E-09	1.91E-08	3.45E-09	1.15E-09	4.60E-09	2.69E-09	5.53E-10	3.24E-09
7757	625026.74	4266261.21	1.76E-08	6.04E-09	2.36E-08	1.47E-08	4.52E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.71E-09	5.58E-10	3.27E-09
7758	625022.93	4266270	1.77E-08	6.09E-09	2.38E-08	1.48E-08	4.56E-09	1.94E-08	3.51E-09	1.17E-09	4.67E-09	2.73E-09	5.62E-10	3.29E-09
7759	625019.12	4266278.78	1.78E-08	6.13E-09	2.40E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.18E-09	4.71E-09	2.75E-09	5.66E-10	3.32E-09
7760	625015.3	4266287.57	1.80E-08	6.18E-09	2.41E-08	1.50E-08	4.62E-09	1.96E-08	3.55E-09	1.18E-09	4.74E-09	2.77E-09	5.70E-10	3.34E-09
7761	625011.49	4266296.35	1.81E-08	6.21E-09	2.43E-08	1.51E-08	4.65E-09	1.98E-08	3.58E-09	1.19E-09	4.77E-09	2.79E-09	5.73E-10	3.36E-09
7762	624986.05	4266320.93	1.95E-08	6.70E-09	2.62E-08	1.63E-08	5.01E-09	2.13E-08	3.85E-09	1.28E-09	5.14E-09	3.00E-09	6.18E-10	3.62E-09
7763	624977.14	4266324.44	2.01E-08	6.91E-09	2.70E-08	1.68E-08	5.17E-09	2.20E-08	3.98E-09	1.32E-09	5.30E-09	3.10E-09	6.38E-10	3.74E-09
7764	624968.23	4266327.95	2.07E-08	7.12E-09	2.78E-08	1.73E-08	5.33E-09	2.26E-08	4.10E-09	1.36E-09	5.46E-09	3.20E-09	6.57E-10	3.85E-09
7765	624959.32	4266331.46	2.13E-08	7.33E-09	2.87E-08	1.78E-08	5.49E-09	2.33E-08	4.22E-09	1.41E-09	5.63E-09	3.29E-09	6.77E-10	3.97E-09
7766	624950.41	4266334.97	2.19E-08	7.55E-09	2.95E-08	1.83E-08	5.65E-09	2.40E-08	4.34E-09	1.45E-09	5.79E-09	3.39E-09	6.96E-10	4.08E-09
7767	624941.5	4266338.48	2.25E-08	7.75E-09	3.03E-08	1.88E-08	5.80E-09	2.46E-08	4.46E-09	1.49E-09	5.95E-09	3.48E-09	7.15E-10	4.19E-09
7768	624932.59	4266341.99	2.31E-08	7.95E-09	3.11E-08	1.93E-08	5.95E-09	2.53E-08	4.58E-09	1.52E-09	6.10E-09	3.57E-09	7.34E-10	4.30E-09
7769	624923.68	4266345.49	2.37E-08	8.14E-09	3.18E-08	1.98E-08	6.10E-09	2.59E-08	4.69E-09	1.56E-09	6.25E-09	3.65E-09	7.52E-10	4.41E-09
7770	624896.96	4266356.02	2.52E-08	8.66E-09	3.38E-08	2.10E-08	6.48E-09	2.75E-08	4.98E-09	1.66E-09	6.64E-09	3.89E-09	7.99E-10	4.68E-09
7771	624888.05	4266359.53	2.56E-08	8.80E-09	3.44E-08	2.14E-08	6.59E-09	2.80E-08	5.07E-09	1.69E-09	6.76E-09	3.95E-09	8.13E-10	4.76E-09
7772	624879.14	4266363.04	2.60E-08	8.93E-09	3.49E-08	2.17E-08	6.69E-09	2.84E-08	5.14E-09	1.71E-09	6.85E-09	4.01E-09	8.25E-10	4.83E-09
7773	624870.23	4266366.55	2.63E-08	9.05E-09	3.54E-08	2.20E-08	6.77E-09	2.88E-08	5.21E-09	1.73E-09	6.94E-09	4.06E-09	8.35E-10	4.90E-09
7774	624861.32	4266370.06	2.66E-08	9.15E-09	3.57E-08	2.22E-08	6.85E-09	2.91E-08	5.26E-09	1.75E-09	7.02E-09	4.10E-09	8.44E-10	4.95E-09
7775	625072.65	4266145.88	1.55E-08	5.34E-09	2.09E-08	1.30E-08	4.00E-09	1.70E-08	3.07E-09	1.02E-09	4.10E-09	2.40E-09	4.93E-10	2.89E-09
7776	625072.82	4266135.95	1.56E-08	5.35E-09	2.09E-08	1.30E-08	4.01E-09	1.70E-08	3.08E-09	1.03E-09	4.11E-09	2.40E-09	4.94E-10	2.89E-09
7777	625072.98	4266126.01	1.56E-08	5.36E-09	2.10E-08	1.30E-08	4.01E-09	1.70E-08	3.09E-09	1.03E-09	4.11E-09	2.41E-09	4.95E-10	2.90E-09
7778	625073.14	4266116.08	1.56E-08	5.38E-09	2.10E-08	1.31E-08	4.02E-09	1.71E-08	3.09E-09	1.03E-09	4.12E-09	2.41E-09	4.96E-10	2.91E-09
7779	625073.31	4266106.15	1.57E-08	5.39E-09	2.11E-08	1.31E-08	4.03E-09	1.71E-08	3.10E-09	1.03E-09	4.13E-09	2.42E-09	4.97E-10	2.92E-09
7780	625073.47	4266096.21	1.57E-08	5.41E-09	2.11E-08	1.31E-08	4.05E-09	1.72E-08	3.11E-09	1.04E-09	4.15E-09	2.43E-09	4.99E-10	2.93E-09
7781	625073.63	4266086.28	1.58E-08	5.43E-09	2.12E-08	1.32E-08	4.07E-09	1.73E-08	3.13E-09	1.04E-09	4.17E-09	2.44E-09	5.01E-10	2.94E-09
7782	625073.8	4266076.35	1.59E-08	5.45E-09	2.13E-08	1.33E-08	4.08E-09	1.73E-08	3.14E-09	1.04E-09	4.18E-09	2.45E-09	5.03E-10	2.95E-09
7783	625073.96	4266066.41	1.59E-08	5.48E-09	2.14E-08	1.33E-08	4.10E-09	1.74E-08	3.15E-09	1.05E-09	4.20E-09	2.46E-09	5.05E-10	2.96E-09
7784	625074.12	4266056.48	1.60E-08	5.50E-09	2.15E-08	1.34E-08	4.12E-09	1.75E-08	3.17E-09	1.05E-09	4.22E-09	2.47E-09	5.08E-10	2.98E-09
7785	625074.29	4266046.55	1.61E-08	5.53E-09	2.16E-08	1.34E-08	4.14E-09	1.76E-08	3.18E-09	1.06E-09	4.24E-09	2.48E-09	5.10E-10	2.99E-09
7786	625074.45	4266036.61	1.61E-08	5.55E-09	2.17E-08	1.35E-08	4.16E-09	1.77E-08	3.20E-09	1.06E-09	4.26E-09	2.49E-09	5.13E-10	3.00E-09
7787	625074.62	4266026.68	1.62E-08	5.58E-09	2.18E-08	1.36E-08	4.18E-09	1.77E-08	3.21E-09	1.07E-09	4.28E-09	2.50E-09	5.15E-10	3.02E-09
7788	625074.78	4266016.75	1.63E-08	5.61E-09	2.19E-08	1.36E-08	4.20E-09	1.78E-08	3.23E-09	1.07E-09	4.30E-09	2.52E-09	5.18E-10	3.03E-09
7789	625074.94	4266006.81	1.64E-08	5.64E-09	2.20E-08	1.37E-08	4.22E-09	1.79E-08	3.25E-09	1.08E-09	4.33E-09	2.53E-09	5.20E-10	3.05E-09
7790	625075.11	4265996.88	1.65E-08	5.67E-09	2.22E-08	1.38E-08	4.24E-09	1.80E-08	3.26E-09	1.09E-09	4.35E-09	2.54E-09	5.23E-10	3.07E-09
7791	625075.27	4265986.95	1.66E-08	5.70E-09	2.23E-08	1.38E-08	4.27E-09	1.81E-08	3.28E-09	1.09E-09	4.37E-09	2.56E-09	5.26E-10	3.08E-09
7792	625075.43	4265977.01	1.67E-08	5.73E-09	2.24E-08	1.39E-08	4.29E-09	1.82E-08	3.30E-09	1.10E-09	4.40E-09	2.57E-09	5.29E-10	3.10E-09
7793	625075.6	4265967.08	1.68E-08	5.76E-09	2.25E-08	1.40E-08	4.31E-09	1.83E-08	3.32E-09	1.10E-09	4.42E-09	2.59E-09	5.32E-10	3.12E-09

7794	625075.76	4265957.15	1.68E-08	5.79E-09	2.26E-08	1.41E-08	4.34E-09	1.84E-08	3.33E-09	1.11E-09	4.44E-09	2.60E-09	5.35E-10	3.13E-09
7795	625075.92	4265947.21	1.69E-08	5.82E-09	2.28E-08	1.42E-08	4.36E-09	1.85E-08	3.35E-09	1.12E-09	4.47E-09	2.61E-09	5.37E-10	3.15E-09
7796	625076.09	4265937.28	1.70E-08	5.85E-09	2.29E-08	1.42E-08	4.38E-09	1.86E-08	3.37E-09	1.12E-09	4.49E-09	2.62E-09	5.40E-10	3.16E-09
7797	625076.25	4265927.35	1.71E-08	5.87E-09	2.30E-08	1.43E-08	4.40E-09	1.87E-08	3.38E-09	1.13E-09	4.51E-09	2.64E-09	5.42E-10	3.18E-09
7798	625076.41	4265917.41	1.72E-08	5.90E-09	2.31E-08	1.43E-08	4.42E-09	1.88E-08	3.40E-09	1.13E-09	4.53E-09	2.65E-09	5.44E-10	3.19E-09
7799	625076.58	4265907.48	1.72E-08	5.92E-09	2.31E-08	1.44E-08	4.43E-09	1.88E-08	3.41E-09	1.13E-09	4.54E-09	2.66E-09	5.47E-10	3.20E-09
7800	625076.74	4265897.55	1.73E-08	5.95E-09	2.32E-08	1.45E-08	4.45E-09	1.89E-08	3.42E-09	1.14E-09	4.56E-09	2.67E-09	5.49E-10	3.22E-09
7801	625076.91	4265887.61	1.74E-08	5.97E-09	2.33E-08	1.45E-08	4.47E-09	1.90E-08	3.43E-09	1.14E-09	4.58E-09	2.68E-09	5.51E-10	3.23E-09
7802	625077.07	4265877.68	1.74E-08	5.99E-09	2.34E-08	1.46E-08	4.48E-09	1.90E-08	3.45E-09	1.15E-09	4.59E-09	2.69E-09	5.52E-10	3.24E-09
7803	625077.23	4265867.75	1.75E-08	6.00E-09	2.35E-08	1.46E-08	4.50E-09	1.91E-08	3.46E-09	1.15E-09	4.61E-09	2.69E-09	5.54E-10	3.25E-09
7804	625077.4	4265857.81	1.75E-08	6.02E-09	2.35E-08	1.46E-08	4.51E-09	1.91E-08	3.47E-09	1.15E-09	4.62E-09	2.70E-09	5.56E-10	3.26E-09
7805	625077.56	4265847.88	1.76E-08	6.04E-09	2.36E-08	1.47E-08	4.52E-09	1.92E-08	3.47E-09	1.16E-09	4.63E-09	2.71E-09	5.57E-10	3.27E-09
7806	625077.72	4265837.95	1.76E-08	6.05E-09	2.36E-08	1.47E-08	4.53E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.71E-09	5.58E-10	3.27E-09
7807	625077.89	4265828.01	1.76E-08	6.06E-09	2.37E-08	1.47E-08	4.54E-09	1.93E-08	3.49E-09	1.16E-09	4.65E-09	2.72E-09	5.59E-10	3.28E-09
7808	625078.05	4265818.08	1.76E-08	6.06E-09	2.37E-08	1.47E-08	4.54E-09	1.93E-08	3.49E-09	1.16E-09	4.65E-09	2.72E-09	5.59E-10	3.28E-09
7809	625078.21	4265808.15	1.76E-08	6.06E-09	2.37E-08	1.47E-08	4.54E-09	1.93E-08	3.49E-09	1.16E-09	4.65E-09	2.72E-09	5.60E-10	3.28E-09
7810	625078.38	4265798.21	1.76E-08	6.06E-09	2.37E-08	1.47E-08	4.54E-09	1.93E-08	3.49E-09	1.16E-09	4.65E-09	2.72E-09	5.60E-10	3.28E-09
7811	625078.54	4265788.28	1.76E-08	6.06E-09	2.37E-08	1.47E-08	4.54E-09	1.93E-08	3.49E-09	1.16E-09	4.65E-09	2.72E-09	5.59E-10	3.28E-09
7812	625078.7	4265778.35	1.76E-08	6.06E-09	2.37E-08	1.47E-08	4.54E-09	1.93E-08	3.49E-09	1.16E-09	4.65E-09	2.72E-09	5.59E-10	3.28E-09
7813	625078.87	4265768.41	1.76E-08	6.05E-09	2.37E-08	1.47E-08	4.53E-09	1.92E-08	3.49E-09	1.16E-09	4.65E-09	2.72E-09	5.59E-10	3.28E-09
7814	625079.03	4265758.48	1.76E-08	6.05E-09	2.36E-08	1.47E-08	4.53E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.72E-09	5.58E-10	3.27E-09
7815	625079.19	4265748.55	1.76E-08	6.05E-09	2.36E-08	1.47E-08	4.53E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.71E-09	5.58E-10	3.27E-09
7816	625079.36	4265738.61	1.76E-08	6.05E-09	2.36E-08	1.47E-08	4.53E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.71E-09	5.58E-10	3.27E-09
7817	625079.52	4265728.68	1.76E-08	6.05E-09	2.36E-08	1.47E-08	4.53E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.71E-09	5.58E-10	3.27E-09
7818	625079.69	4265718.75	1.76E-08	6.05E-09	2.36E-08	1.47E-08	4.53E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.71E-09	5.58E-10	3.27E-09
7819	625079.85	4265708.81	1.76E-08	6.05E-09	2.37E-08	1.47E-08	4.53E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.72E-09	5.59E-10	3.27E-09
7820	625080.01	4265698.88	1.76E-08	6.06E-09	2.37E-08	1.47E-08	4.53E-09	1.93E-08	3.49E-09	1.16E-09	4.65E-09	2.72E-09	5.59E-10	3.28E-09
7821	625080.18	4265688.95	1.76E-08	6.06E-09	2.37E-08	1.47E-08	4.53E-09	1.93E-08	3.49E-09	1.16E-09	4.65E-09	2.72E-09	5.59E-10	3.28E-09
7822	625080.34	4265679.01	1.76E-08	6.06E-09	2.37E-08	1.47E-08	4.53E-09	1.93E-08	3.49E-09	1.16E-09	4.65E-09	2.72E-09	5.59E-10	3.28E-09
7823	625047.92	4266270.41	1.59E-08	5.46E-09	2.13E-08	1.33E-08	4.09E-09	1.74E-08	3.14E-09	1.05E-09	4.19E-09	2.45E-09	5.04E-10	2.95E-09
7824	625044.11	4266279.19	1.60E-08	5.50E-09	2.15E-08	1.34E-08	4.12E-09	1.75E-08	3.17E-09	1.05E-09	4.22E-09	2.47E-09	5.08E-10	2.98E-09
7825	625040.3	4266287.98	1.61E-08	5.54E-09	2.17E-08	1.35E-08	4.15E-09	1.76E-08	3.19E-09	1.06E-09	4.25E-09	2.49E-09	5.12E-10	3.00E-09
7826	625036.49	4266296.76	1.62E-08	5.58E-09	2.18E-08	1.36E-08	4.18E-09	1.78E-08	3.21E-09	1.07E-09	4.28E-09	2.51E-09	5.15E-10	3.02E-09
7827	625032.67	4266305.54	1.63E-08	5.62E-09	2.20E-08	1.37E-08	4.21E-09	1.79E-08	3.24E-09	1.08E-09	4.31E-09	2.52E-09	5.19E-10	3.04E-09
7828	625028.86	4266314.33	1.64E-08	5.65E-09	2.21E-08	1.37E-08	4.23E-09	1.80E-08	3.25E-09	1.08E-09	4.34E-09	2.54E-09	5.22E-10	3.06E-09
7829	625025.05	4266323.11	1.65E-08	5.69E-09	2.22E-08	1.38E-08	4.26E-09	1.81E-08	3.27E-09	1.09E-09	4.36E-09	2.55E-09	5.25E-10	3.08E-09
7830	625012.33	4266335.4	1.71E-08	5.89E-09	2.30E-08	1.43E-08	4.41E-09	1.87E-08	3.39E-09	1.13E-09	4.52E-09	2.64E-09	5.44E-10	3.19E-09
7831	624976.69	4266349.44	1.93E-08	6.63E-09	2.59E-08	1.61E-08	4.96E-09	2.11E-08	3.81E-09	1.27E-09	5.08E-09	2.97E-09	6.11E-10	3.58E-09
7832	624967.78	4266352.95	1.98E-08	6.81E-09	2.66E-08	1.65E-08	5.10E-09	2.16E-08	3.92E-09	1.30E-09	5.22E-09	3.05E-09	6.28E-10	3.68E-09
7833	624958.87	4266356.46	2.03E-08	6.99E-09	2.73E-08	1.70E-08	5.23E-09	2.22E-08	4.02E-09	1.34E-09	5.36E-09	3.13E-09	6.45E-10	3.78E-09
7834	624949.96	4266359.96	2.08E-08	7.16E-09	2.80E-08	1.74E-08	5.36E-09	2.28E-08	4.12E-09	1.37E-09	5.49E-09	3.21E-09	6.61E-10	3.87E-09
7835	624941.06	4266363.47	2.13E-08	7.33E-09	2.86E-08	1.78E-08	5.49E-09	2.33E-08	4.22E-09	1.40E-09	5.62E-09	3.29E-09	6.76E-10	3.97E-09
7836	624932.15	4266366.98	2.18E-08	7.49E-09	2.93E-08	1.82E-08	5.61E-09	2.38E-08	4.31E-09	1.44E-09	5.75E-09	3.36E-09	6.92E-10	4.05E-09
7837	624923.24	4266370.49	2.22E-08	7.65E-09	2.99E-08	1.86E-08	5.73E-09	2.43E-08	4.40E-09	1.47E-09	5.87E-09	3.43E-09	7.06E-10	4.14E-09
7838	624860.87	4266395.05	2.45E-08	8.42E-09	3.29E-08	2.05E-08	6.30E-09	2.68E-08	4.84E-09	1.61E-09	6.46E-09	3.78E-09	7.77E-10	4.55E-09
7839	624851.97	4266398.56	2.46E-08	8.47E-09	3.31E-08	2.06E-08	6.34E-09	2.69E-08	4.88E-09	1.62E-09	6.50E-09	3.80E-09	7.82E-10	4.58E-09
7840	625097.65	4266146.29	1.39E-08	4.79E-09	1.87E-08	1.17E-08	3.59E-09	1.52E-08	2.76E-09	9.18E-10	3.68E-09	2.15E-09	4.42E-10	2.59E-09
7841	625097.81	4266136.36	1.40E-08	4.80E-09	1.88E-08	1.17E-08	3.59E-09	1.53E-08	2.76E-09	9.20E-10	3.68E-09	2.15E-09	4.43E-10	2.60E-09
7842	625097.98	4266126.43	1.40E-08	4.81E-09	1.88E-08	1.17E-08	3.60E-09	1.53E-08	2.77E-09	9.21E-10	3.69E-09	2.16E-09	4.44E-10	2.60E-09
7843	625098.14	4266116.49	1.40E-08	4.82E-09	1.88E-08	1.17E-08	3.61E-09	1.53E-08	2.77E-09	9.23E-10	3.70E-09	2.16E-09	4.45E-10	2.61E-09
7844	625098.3	4266106.56	1.40E-08	4.83E-09	1.89E-08	1.17E-08	3.62E-09	1.54E-08	2.78E-09	9.26E-10	3.71E-09	2.17E-09	4.46E-10	2.61E-09
7845	625098.47	4266096.63	1.41E-08	4.84E-09	1.89E-08	1.18E-08	3.63E-09	1.54E-08	2.79E-09	9.28E-10	3.72E-09	2.17E-09	4.47E-10	2.62E-09
7846	625098.63	4266086.69	1.41E-08	4.86E-09	1.90E-08	1.18E-08	3.64E-09	1.54E-08	2.80E-09	9.31E-10	3.73E-09	2.18E-09	4.48E-10	2.63E-09
7847	625098.79	4266076.76	1.42E-08	4.87E-09	1.90E-08	1.18E-08	3.65E-09	1.55E-08	2.80E-09	9.34E-10	3.74E-09	2.19E-09	4.50E-10	2.64E-09
7848	625098.96	4266066.83	1.42E-08	4.89E-09	1.91E-08	1.19E-08	3.66E-09	1.55E-08	2.81E-09	9.37E-10	3.75E-09	2.19E-09	4.51E-10	2.65E-09
7849	625099.12	4266056.89	1.43E-08	4.91E-09	1.92E-08	1.19E-08	3.68E-09	1.56E-08	2.83E-09	9.41E-10	3.77E-09	2.20E-09	4.53E-10	2.66E-09
7850	625099.29	4266046.96	1.43E-08	4.93E-09	1.93E-08	1.20E-08	3.69E-09	1.57E-08	2.84E-09	9.45E-10	3.78E-09	2.21E-09	4.55E-10	2.67E-09
7851	625099.45	4266037.03	1.44E-08	4.95E-09	1.94E-08	1.20E-08	3.71E-09	1.57E-08	2.85E-09	9.49E-10	3.80E-09	2.22E-09	4.57E-10	2.68E-09
7852	625099.61	4266027.09	1.45E-08	4.98E-09	1.94E-08	1.21E-08	3.73E-09	1.58E-08	2.86E-09	9.53E-10	3.82E-09	2.23E-09	4.59E-10	2.69E-09
7853	625099.78	4266017.16	1.45E-08	5.00E-09	1.95E-08	1.22E-08	3.74E-09	1.59E-08	2.88E-09	9.58E-10	3.84E-09	2.24E-09	4.61E-10	2.71E-09
7854	625099.94	4266007.23	1.46E-08	5.03E-09	1.96E-08	1.22E-08	3.76E-09	1.60E-08	2.89E-09	9.63E-10	3.86E-09	2.26E-09	4.64E-10	2.72E-09
7855	625100.1	4265997.29	1.47E-08	5.06E-09	1.98E-08	1.23E-08	3.79E-09	1.61E-08	2.91E-09	9.69E-10	3.88E-09	2.27E-09	4.67E-10	2.74E-09
7856	625100.27	4265987.36	1.48E-08	5.09E-09	1.99E-08	1.24E-08	3.81E-09	1.62E-08	2.93E-09	9.74E-10	3.90E-09	2.28E-09	4.69E-10	2.75E-09
7857	625100.43	4265977.43	1.49E-08	5.11E-09	2.00E-08	1.24E-08	3.83E-09	1.63E-08	2.94E-09	9.80E-10	3.92E-09	2.29E-09	4.72E-10	2.77E-09
7858	625100.59	4265967.49	1.49E-08	5.14E-09	2.01E-08	1.25E-08	3.85E-09	1.63E-08	2.96E-09	9.85E-10	3.94E-09	2.31E-09	4.74E-10	2.78E-09
7859	625100.76	4265957.56	1.50E-08	5.17E-09	2.02E-08	1.26E-08	3.87E-09	1.64E-08	2.97E-09	9.90E-10	3.96E-09	2.32E-09	4.77E-10	2.79E-09
7860	625100.92	4265947.63	1.51E-08	5.19E-09	2.03E-08	1.26E-08	3.89E-09	1.65E-08	2.99E-09	9.95E-10	3.98E-09	2.33E-09	4.79E-10	2.81E-09
7861	625101.08	4265937.69	1.52E-08	5.22E-09	2.04E-08	1.27E-08	3.91E-09	1.66E-08	3.00E-09	1.00E-09	4.00E-09	2.34E-09	4.81E-10	2.82E-09
7862	625101.25	4265927.76	1.52E-08	5.24E-09	2.05E-08	1.27E-08	3.92E-09	1.67E-08	3.02E-09	1.00E-09	4.02E-09	2.35E-09	4.84E-10	2.84E-09

7863	625101.41	4265917.83	1.53E-08	5.27E-09	2.06E-08	1.28E-08	3.94E-09	1.67E-08	3.03E-09	1.01E-09	4.04E-09	2.36E-09	4.86E-10	2.85E-09
7864	625101.57	4265907.89	1.54E-08	5.29E-09	2.07E-08	1.29E-08	3.96E-09	1.68E-08	3.04E-09	1.01E-09	4.06E-09	2.37E-09	4.88E-10	2.86E-09
7865	625101.74	4265897.96	1.54E-08	5.31E-09	2.08E-08	1.29E-08	3.98E-09	1.69E-08	3.06E-09	1.02E-09	4.07E-09	2.38E-09	4.90E-10	2.87E-09
7866	625101.9	4265888.03	1.55E-08	5.33E-09	2.08E-08	1.30E-08	3.99E-09	1.70E-08	3.07E-09	1.02E-09	4.09E-09	2.39E-09	4.92E-10	2.88E-09
7867	625102.07	4265878.09	1.56E-08	5.35E-09	2.09E-08	1.30E-08	4.01E-09	1.70E-08	3.08E-09	1.03E-09	4.11E-09	2.40E-09	4.94E-10	2.90E-09
7868	625102.23	4265868.16	1.56E-08	5.37E-09	2.10E-08	1.31E-08	4.02E-09	1.71E-08	3.09E-09	1.03E-09	4.12E-09	2.41E-09	4.96E-10	2.91E-09
7869	625102.39	4265858.23	1.57E-08	5.39E-09	2.11E-08	1.31E-08	4.03E-09	1.71E-08	3.10E-09	1.03E-09	4.13E-09	2.42E-09	4.97E-10	2.91E-09
7870	625102.56	4265848.29	1.57E-08	5.40E-09	2.11E-08	1.31E-08	4.04E-09	1.72E-08	3.11E-09	1.03E-09	4.14E-09	2.42E-09	4.98E-10	2.92E-09
7871	625102.72	4265838.36	1.57E-08	5.41E-09	2.11E-08	1.31E-08	4.05E-09	1.72E-08	3.11E-09	1.04E-09	4.15E-09	2.43E-09	4.99E-10	2.93E-09
7872	625102.88	4265828.43	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.00E-10	2.93E-09
7873	625103.05	4265818.49	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.00E-10	2.93E-09
7874	625103.21	4265808.56	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.01E-10	2.93E-09
7875	625103.37	4265798.63	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.01E-10	2.93E-09
7876	625103.54	4265788.69	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.01E-10	2.93E-09
7877	625103.7	4265778.76	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.00E-10	2.93E-09
7878	625103.86	4265768.83	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.00E-10	2.93E-09
7879	625104.03	4265758.89	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.00E-10	2.93E-09
7880	625104.19	4265748.96	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.00E-10	2.93E-09
7881	625104.35	4265739.03	1.58E-08	5.42E-09	2.12E-08	1.32E-08	4.06E-09	1.72E-08	3.12E-09	1.04E-09	4.16E-09	2.43E-09	5.01E-10	2.93E-09
7882	625104.52	4265729.09	1.58E-08	5.43E-09	2.12E-08	1.32E-08	4.06E-09	1.73E-08	3.12E-09	1.04E-09	4.17E-09	2.44E-09	5.01E-10	2.94E-09
7883	625104.68	4265719.16	1.58E-08	5.43E-09	2.12E-08	1.32E-08	4.07E-09	1.73E-08	3.13E-09	1.04E-09	4.17E-09	2.44E-09	5.02E-10	2.94E-09
7884	625104.85	4265709.23	1.58E-08	5.44E-09	2.13E-08	1.32E-08	4.07E-09	1.73E-08	3.13E-09	1.04E-09	4.17E-09	2.44E-09	5.02E-10	2.94E-09
7885	625105.01	4265699.29	1.58E-08	5.45E-09	2.13E-08	1.32E-08	4.08E-09	1.73E-08	3.14E-09	1.04E-09	4.18E-09	2.44E-09	5.03E-10	2.95E-09
7886	625105.17	4265689.36	1.59E-08	5.45E-09	2.13E-08	1.33E-08	4.08E-09	1.73E-08	3.14E-09	1.04E-09	4.18E-09	2.45E-09	5.03E-10	2.95E-09
7887	625105.34	4265679.43	1.59E-08	5.46E-09	2.13E-08	1.33E-08	4.09E-09	1.73E-08	3.14E-09	1.05E-09	4.19E-09	2.45E-09	5.04E-10	2.95E-09
7888	625046.23	4266332.31	1.50E-08	5.17E-09	2.02E-08	1.26E-08	3.87E-09	1.65E-08	2.98E-09	9.91E-10	3.97E-09	2.32E-09	4.78E-10	2.80E-09
7889	625042.42	4266341.09	1.51E-08	5.20E-09	2.03E-08	1.26E-08	3.90E-09	1.65E-08	2.99E-09	9.97E-10	3.99E-09	2.33E-09	4.80E-10	2.81E-09
7890	625029.7	4266353.38	1.57E-08	5.38E-09	2.10E-08	1.31E-08	4.03E-09	1.71E-08	3.10E-09	1.03E-09	4.13E-09	2.42E-09	4.97E-10	2.91E-09
7891	625020.79	4266356.89	1.61E-08	5.54E-09	2.17E-08	1.35E-08	4.15E-09	1.76E-08	3.19E-09	1.06E-09	4.25E-09	2.49E-09	5.11E-10	3.00E-09
7892	625011.88	4266360.4	1.66E-08	5.70E-09	2.23E-08	1.39E-08	4.27E-09	1.81E-08	3.28E-09	1.09E-09	4.37E-09	2.56E-09	5.26E-10	3.08E-09
7893	625002.97	4266363.91	1.70E-08	5.86E-09	2.29E-08	1.42E-08	4.39E-09	1.86E-08	3.37E-09	1.12E-09	4.50E-09	2.63E-09	5.41E-10	3.17E-09
7894	624994.06	4266367.42	1.75E-08	6.02E-09	2.35E-08	1.46E-08	4.51E-09	1.91E-08	3.47E-09	1.15E-09	4.62E-09	2.70E-09	5.56E-10	3.26E-09
7895	624985.15	4266370.93	1.80E-08	6.18E-09	2.42E-08	1.50E-08	4.63E-09	1.97E-08	3.56E-09	1.18E-09	4.74E-09	2.77E-09	5.70E-10	3.34E-09
7896	624976.25	4266374.43	1.84E-08	6.34E-09	2.48E-08	1.54E-08	4.75E-09	2.02E-08	3.65E-09	1.21E-09	4.86E-09	2.84E-09	5.85E-10	3.43E-09
7897	624967.34	4266377.94	1.89E-08	6.49E-09	2.54E-08	1.58E-08	4.86E-09	2.06E-08	3.74E-09	1.24E-09	4.98E-09	2.91E-09	5.99E-10	3.51E-09
7898	624958.43	4266381.45	1.93E-08	6.64E-09	2.60E-08	1.61E-08	4.97E-09	2.11E-08	3.82E-09	1.27E-09	5.10E-09	2.98E-09	6.13E-10	3.59E-09
7899	624949.52	4266384.96	1.97E-08	6.79E-09	2.65E-08	1.65E-08	5.08E-09	2.16E-08	3.91E-09	1.30E-09	5.21E-09	3.04E-09	6.26E-10	3.67E-09
7900	624940.61	4266388.47	2.01E-08	6.92E-09	2.71E-08	1.68E-08	5.18E-09	2.20E-08	3.99E-09	1.33E-09	5.31E-09	3.11E-09	6.39E-10	3.75E-09
7901	624931.7	4266391.98	2.05E-08	7.06E-09	2.76E-08	1.72E-08	5.28E-09	2.24E-08	4.06E-09	1.35E-09	5.41E-09	3.17E-09	6.51E-10	3.82E-09
7902	624922.79	4266395.49	2.09E-08	7.18E-09	2.81E-08	1.75E-08	5.38E-09	2.28E-08	4.13E-09	1.38E-09	5.51E-09	3.22E-09	6.63E-10	3.89E-09
7903	624913.88	4266399	2.12E-08	7.30E-09	2.85E-08	1.77E-08	5.46E-09	2.32E-08	4.20E-09	1.40E-09	5.60E-09	3.27E-09	6.73E-10	3.95E-09
7904	624904.97	4266402.5	2.15E-08	7.40E-09	2.89E-08	1.80E-08	5.54E-09	2.35E-08	4.26E-09	1.42E-09	5.68E-09	3.32E-09	6.83E-10	4.01E-09
7905	624896.06	4266406.01	2.18E-08	7.50E-09	2.93E-08	1.82E-08	5.61E-09	2.38E-08	4.32E-09	1.44E-09	5.75E-09	3.36E-09	6.92E-10	4.06E-09
7906	624887.16	4266409.52	2.21E-08	7.58E-09	2.96E-08	1.84E-08	5.68E-09	2.41E-08	4.37E-09	1.45E-09	5.82E-09	3.40E-09	7.00E-10	4.10E-09
7907	624878.25	4266413.03	2.23E-08	7.66E-09	2.99E-08	1.86E-08	5.73E-09	2.43E-08	4.41E-09	1.47E-09	5.87E-09	3.44E-09	7.07E-10	4.14E-09
7908	624869.34	4266416.54	2.24E-08	7.72E-09	3.02E-08	1.88E-08	5.78E-09	2.45E-08	4.44E-09	1.48E-09	5.92E-09	3.46E-09	7.12E-10	4.18E-09
7909	624860.43	4266420.05	2.26E-08	7.77E-09	3.04E-08	1.89E-08	5.82E-09	2.47E-08	4.47E-09	1.49E-09	5.96E-09	3.49E-09	7.17E-10	4.20E-09
7910	624851.52	4266423.56	2.27E-08	7.81E-09	3.05E-08	1.90E-08	5.85E-09	2.48E-08	4.50E-09	1.50E-09	5.99E-09	3.50E-09	7.21E-10	4.23E-09
7911	625122.65	4266146.7	1.26E-08	4.34E-09	1.69E-08	1.05E-08	3.25E-09	1.38E-08	2.50E-09	8.31E-10	3.33E-09	1.95E-09	4.00E-10	2.35E-09
7912	625122.81	4266136.77	1.26E-08	4.34E-09	1.70E-08	1.06E-08	3.25E-09	1.38E-08	2.50E-09	8.32E-10	3.33E-09	1.95E-09	4.01E-10	2.35E-09
7913	625122.97	4266126.84	1.26E-08	4.35E-09	1.70E-08	1.06E-08	3.25E-09	1.38E-08	2.50E-09	8.33E-10	3.33E-09	1.95E-09	4.01E-10	2.35E-09
7914	625123.14	4266116.9	1.27E-08	4.35E-09	1.70E-08	1.06E-08	3.26E-09	1.38E-08	2.50E-09	8.34E-10	3.34E-09	1.95E-09	4.02E-10	2.35E-09
7915	625123.3	4266106.97	1.27E-08	4.36E-09	1.70E-08	1.06E-08	3.26E-09	1.39E-08	2.51E-09	8.35E-10	3.34E-09	1.96E-09	4.02E-10	2.36E-09
7916	625123.46	4266097.04	1.27E-08	4.37E-09	1.71E-08	1.06E-08	3.27E-09	1.39E-08	2.51E-09	8.37E-10	3.35E-09	1.96E-09	4.03E-10	2.36E-09
7917	625123.63	4266087.1	1.27E-08	4.38E-09	1.71E-08	1.06E-08	3.28E-09	1.39E-08	2.52E-09	8.39E-10	3.36E-09	1.96E-09	4.04E-10	2.37E-09
7918	625123.79	4266077.17	1.28E-08	4.39E-09	1.72E-08	1.07E-08	3.29E-09	1.40E-08	2.53E-09	8.41E-10	3.37E-09	1.97E-09	4.05E-10	2.37E-09
7919	625123.95	4266067.24	1.28E-08	4.40E-09	1.72E-08	1.07E-08	3.30E-09	1.40E-08	2.54E-09	8.44E-10	3.38E-09	1.98E-09	4.06E-10	2.38E-09
7920	625124.12	4266057.3	1.29E-08	4.42E-09	1.73E-08	1.07E-08	3.31E-09	1.41E-08	2.54E-09	8.47E-10	3.39E-09	1.98E-09	4.08E-10	2.39E-09
7921	625124.28	4266047.37	1.29E-08	4.44E-09	1.73E-08	1.08E-08	3.32E-09	1.41E-08	2.55E-09	8.50E-10	3.40E-09	1.99E-09	4.10E-10	2.40E-09
7922	625124.45	4266037.44	1.30E-08	4.46E-09	1.74E-08	1.08E-08	3.34E-09	1.42E-08	2.57E-09	8.54E-10	3.42E-09	2.00E-09	4.11E-10	2.41E-09
7923	625124.61	4266027.5	1.30E-08	4.48E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.58E-09	8.58E-10	3.43E-09	2.01E-09	4.13E-10	2.42E-09
7924	625124.77	4266017.57	1.31E-08	4.50E-09	1.76E-08	1.09E-08	3.37E-09	1.43E-08	2.59E-09	8.62E-10	3.45E-09	2.02E-09	4.15E-10	2.43E-09
7925	625124.94	4266007.64	1.32E-08	4.52E-09	1.77E-08	1.10E-08	3.39E-09	1.44E-08	2.60E-09	8.67E-10	3.47E-09	2.03E-09	4.17E-10	2.45E-09
7926	625125.1	4265997.7	1.32E-08	4.55E-09	1.78E-08	1.11E-08	3.41E-09	1.45E-08	2.62E-09	8.72E-10	3.49E-09	2.04E-09	4.20E-10	2.46E-09
7927	625125.26	4265987.77	1.33E-08	4.58E-09	1.79E-08	1.11E-08	3.43E-09	1.45E-08	2.63E-09	8.77E-10	3.51E-09	2.05E-09	4.22E-10	2.48E-09
7928	625125.43	4265977.84	1.34E-08	4.60E-09	1.80E-08	1.12E-08	3.44E-09	1.46E-08	2.65E-09	8.81E-10	3.53E-09	2.06E-09	4.25E-10	2.49E-09
7929	625125.59	4265967.9	1.34E-08	4.62E-09	1.81E-08	1.12E-08	3.46E-09	1.47E-08	2.66E-09	8.86E-10	3.55E-09	2.07E-09	4.27E-10	2.50E-09
7930	625125.75	4265957.97	1.35E-08	4.65E-09	1.82E-08	1.13E-08	3.48E-09	1.48E-08	2.68E-09	8.91E-10	3.57E-09	2.09E-09	4.29E-10	2.51E-09
7931	625125.92	4265948.04	1.36E-08	4.67E-09	1.83E-08	1.14E-08	3.50E-09	1.49E-08	2.69E-09	8.95E-10	3.58E-09	2.10E-09	4.31E-10	2.53E-09

7932	625126.08	4265938.1	1.37E-08	4.70E-09	1.83E-08	1.14E-08	3.52E-09	1.49E-08	2.70E-09	9.00E-10	3.60E-09	2.11E-09	4.33E-10	2.54E-09
7933	625126.24	4265928.17	1.37E-08	4.72E-09	1.84E-08	1.15E-08	3.53E-09	1.50E-08	2.72E-09	9.04E-10	3.62E-09	2.12E-09	4.35E-10	2.55E-09
7934	625126.41	4265918.24	1.38E-08	4.74E-09	1.85E-08	1.15E-08	3.55E-09	1.51E-08	2.73E-09	9.08E-10	3.64E-09	2.13E-09	4.37E-10	2.56E-09
7935	625126.57	4265908.3	1.38E-08	4.76E-09	1.86E-08	1.16E-08	3.56E-09	1.51E-08	2.74E-09	9.12E-10	3.65E-09	2.14E-09	4.39E-10	2.58E-09
7936	625126.73	4265898.37	1.39E-08	4.78E-09	1.87E-08	1.16E-08	3.58E-09	1.52E-08	2.75E-09	9.16E-10	3.67E-09	2.15E-09	4.41E-10	2.59E-09
7937	625126.9	4265888.44	1.40E-08	4.80E-09	1.88E-08	1.17E-08	3.59E-09	1.53E-08	2.76E-09	9.20E-10	3.68E-09	2.15E-09	4.43E-10	2.60E-09
7938	625127.06	4265878.5	1.40E-08	4.82E-09	1.88E-08	1.17E-08	3.61E-09	1.53E-08	2.77E-09	9.24E-10	3.70E-09	2.16E-09	4.45E-10	2.61E-09
7939	625127.23	4265868.57	1.41E-08	4.84E-09	1.89E-08	1.18E-08	3.62E-09	1.54E-08	2.78E-09	9.27E-10	3.71E-09	2.17E-09	4.47E-10	2.62E-09
7940	625127.39	4265858.64	1.41E-08	4.85E-09	1.90E-08	1.18E-08	3.63E-09	1.54E-08	2.79E-09	9.30E-10	3.72E-09	2.18E-09	4.48E-10	2.63E-09
7941	625127.55	4265848.7	1.41E-08	4.86E-09	1.90E-08	1.18E-08	3.64E-09	1.55E-08	2.80E-09	9.32E-10	3.73E-09	2.18E-09	4.49E-10	2.63E-09
7942	625127.72	4265838.77	1.42E-08	4.87E-09	1.90E-08	1.18E-08	3.65E-09	1.55E-08	2.80E-09	9.33E-10	3.74E-09	2.19E-09	4.50E-10	2.64E-09
7943	625127.88	4265828.84	1.42E-08	4.88E-09	1.91E-08	1.19E-08	3.65E-09	1.55E-08	2.81E-09	9.35E-10	3.74E-09	2.19E-09	4.50E-10	2.64E-09
7944	625128.04	4265818.9	1.42E-08	4.88E-09	1.91E-08	1.19E-08	3.66E-09	1.55E-08	2.81E-09	9.36E-10	3.75E-09	2.19E-09	4.51E-10	2.64E-09
7945	625128.21	4265808.97	1.42E-08	4.89E-09	1.91E-08	1.19E-08	3.66E-09	1.55E-08	2.81E-09	9.36E-10	3.75E-09	2.19E-09	4.51E-10	2.64E-09
7946	625128.37	4265799.04	1.42E-08	4.89E-09	1.91E-08	1.19E-08	3.66E-09	1.55E-08	2.81E-09	9.36E-10	3.75E-09	2.19E-09	4.51E-10	2.64E-09
7947	625128.53	4265789.1	1.42E-08	4.89E-09	1.91E-08	1.19E-08	3.66E-09	1.55E-08	2.81E-09	9.37E-10	3.75E-09	2.19E-09	4.51E-10	2.64E-09
7948	625128.7	4265779.17	1.42E-08	4.89E-09	1.91E-08	1.19E-08	3.66E-09	1.55E-08	2.81E-09	9.37E-10	3.75E-09	2.19E-09	4.51E-10	2.64E-09
7949	625128.86	4265769.24	1.42E-08	4.89E-09	1.91E-08	1.19E-08	3.66E-09	1.55E-08	2.81E-09	9.37E-10	3.75E-09	2.19E-09	4.51E-10	2.65E-09
7950	625129.02	4265759.3	1.42E-08	4.89E-09	1.91E-08	1.19E-08	3.66E-09	1.56E-08	2.82E-09	9.37E-10	3.75E-09	2.19E-09	4.51E-10	2.65E-09
7951	625129.19	4265749.37	1.42E-08	4.89E-09	1.91E-08	1.19E-08	3.66E-09	1.56E-08	2.82E-09	9.38E-10	3.76E-09	2.20E-09	4.52E-10	2.65E-09
7952	625129.35	4265739.44	1.42E-08	4.90E-09	1.91E-08	1.19E-08	3.67E-09	1.56E-08	2.82E-09	9.39E-10	3.76E-09	2.20E-09	4.52E-10	2.65E-09
7953	625129.52	4265729.5	1.43E-08	4.91E-09	1.92E-08	1.19E-08	3.67E-09	1.56E-08	2.82E-09	9.40E-10	3.76E-09	2.20E-09	4.53E-10	2.65E-09
7954	625129.68	4265719.57	1.43E-08	4.91E-09	1.92E-08	1.19E-08	3.68E-09	1.56E-08	2.83E-09	9.42E-10	3.77E-09	2.21E-09	4.54E-10	2.66E-09
7955	625129.84	4265709.64	1.43E-08	4.92E-09	1.92E-08	1.20E-08	3.69E-09	1.57E-08	2.83E-09	9.43E-10	3.78E-09	2.21E-09	4.54E-10	2.66E-09
7956	625130.01	4265699.7	1.43E-08	4.93E-09	1.93E-08	1.20E-08	3.69E-09	1.57E-08	2.84E-09	9.45E-10	3.78E-09	2.21E-09	4.55E-10	2.67E-09
7957	625130.17	4265689.77	1.44E-08	4.94E-09	1.93E-08	1.20E-08	3.70E-09	1.57E-08	2.84E-09	9.47E-10	3.79E-09	2.22E-09	4.56E-10	2.67E-09
7958	625130.33	4265679.84	1.44E-08	4.95E-09	1.93E-08	1.20E-08	3.70E-09	1.57E-08	2.85E-09	9.48E-10	3.80E-09	2.22E-09	4.57E-10	2.68E-09
7959	625047.07	4266371.36	1.44E-08	4.94E-09	1.93E-08	1.20E-08	3.70E-09	1.57E-08	2.85E-09	9.47E-10	3.79E-09	2.22E-09	4.56E-10	2.67E-09
7960	625038.16	4266374.87	1.48E-08	5.08E-09	1.99E-08	1.24E-08	3.81E-09	1.62E-08	2.93E-09	9.74E-10	3.90E-09	2.28E-09	4.69E-10	2.75E-09
7961	625029.25	4266378.38	1.52E-08	5.22E-09	2.04E-08	1.27E-08	3.91E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.34E-09	4.82E-10	2.83E-09
7962	625020.34	4266381.89	1.56E-08	5.36E-09	2.10E-08	1.30E-08	4.02E-09	1.71E-08	3.09E-09	1.03E-09	4.12E-09	2.41E-09	4.95E-10	2.90E-09
7963	625011.44	4266385.39	1.60E-08	5.51E-09	2.15E-08	1.34E-08	4.12E-09	1.75E-08	3.17E-09	1.05E-09	4.22E-09	2.47E-09	5.08E-10	2.98E-09
7964	625002.53	4266388.9	1.64E-08	5.64E-09	2.21E-08	1.37E-08	4.23E-09	1.79E-08	3.25E-09	1.08E-09	4.33E-09	2.53E-09	5.21E-10	3.05E-09
7965	624993.62	4266392.41	1.68E-08	5.78E-09	2.26E-08	1.41E-08	4.33E-09	1.84E-08	3.33E-09	1.11E-09	4.44E-09	2.59E-09	5.34E-10	3.13E-09
7966	624984.71	4266395.92	1.72E-08	5.92E-09	2.31E-08	1.44E-08	4.43E-09	1.88E-08	3.41E-09	1.13E-09	4.54E-09	2.66E-09	5.46E-10	3.20E-09
7967	624975.8	4266399.43	1.76E-08	6.05E-09	2.36E-08	1.47E-08	4.53E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.72E-09	5.58E-10	3.27E-09
7968	624966.89	4266402.94	1.80E-08	6.18E-09	2.42E-08	1.50E-08	4.63E-09	1.96E-08	3.56E-09	1.18E-09	4.74E-09	2.77E-09	5.70E-10	3.34E-09
7969	624957.98	4266406.45	1.83E-08	6.30E-09	2.46E-08	1.53E-08	4.72E-09	2.00E-08	3.63E-09	1.21E-09	4.84E-09	2.83E-09	5.82E-10	3.41E-09
7970	624949.07	4266409.96	1.87E-08	6.42E-09	2.51E-08	1.56E-08	4.81E-09	2.04E-08	3.70E-09	1.23E-09	4.93E-09	2.88E-09	5.93E-10	3.48E-09
7971	624940.16	4266413.47	1.90E-08	6.54E-09	2.56E-08	1.59E-08	4.90E-09	2.08E-08	3.76E-09	1.25E-09	5.02E-09	2.93E-09	6.03E-10	3.54E-09
7972	624931.25	4266416.97	1.93E-08	6.65E-09	2.60E-08	1.62E-08	4.98E-09	2.11E-08	3.83E-09	1.27E-09	5.10E-09	2.98E-09	6.13E-10	3.60E-09
7973	624922.35	4266420.48	1.96E-08	6.75E-09	2.64E-08	1.64E-08	5.05E-09	2.14E-08	3.88E-09	1.29E-09	5.18E-09	3.03E-09	6.23E-10	3.65E-09
7974	624913.44	4266423.99	1.99E-08	6.84E-09	2.67E-08	1.66E-08	5.12E-09	2.17E-08	3.94E-09	1.31E-09	5.25E-09	3.07E-09	6.31E-10	3.70E-09
7975	624904.53	4266427.5	2.01E-08	6.92E-09	2.70E-08	1.68E-08	5.18E-09	2.20E-08	3.98E-09	1.33E-09	5.31E-09	3.10E-09	6.39E-10	3.74E-09
7976	624895.62	4266431.01	2.03E-08	6.99E-09	2.73E-08	1.70E-08	5.24E-09	2.22E-08	4.03E-09	1.34E-09	5.37E-09	3.14E-09	6.45E-10	3.78E-09
7977	624886.71	4266434.52	2.05E-08	7.06E-09	2.76E-08	1.72E-08	5.28E-09	2.24E-08	4.06E-09	1.35E-09	5.41E-09	3.17E-09	6.51E-10	3.82E-09
7978	624877.8	4266438.03	2.07E-08	7.11E-09	2.78E-08	1.73E-08	5.32E-09	2.26E-08	4.09E-09	1.36E-09	5.46E-09	3.19E-09	6.56E-10	3.85E-09
7979	624868.89	4266441.54	2.08E-08	7.16E-09	2.80E-08	1.74E-08	5.36E-09	2.28E-08	4.12E-09	1.37E-09	5.49E-09	3.21E-09	6.60E-10	3.87E-09
7980	624859.98	4266445.04	2.09E-08	7.19E-09	2.81E-08	1.75E-08	5.38E-09	2.29E-08	4.14E-09	1.38E-09	5.52E-09	3.23E-09	6.64E-10	3.89E-09
7981	624851.07	4266448.55	2.10E-08	7.22E-09	2.82E-08	1.75E-08	5.40E-09	2.30E-08	4.16E-09	1.38E-09	5.54E-09	3.24E-09	6.66E-10	3.91E-09
7982	625147.64	4266147.12	1.15E-08	3.95E-09	1.54E-08	9.59E-09	2.95E-09	1.25E-08	2.27E-09	7.56E-10	3.03E-09	1.77E-09	3.64E-10	2.13E-09
7983	625147.81	4266137.18	1.15E-08	3.95E-09	1.54E-08	9.60E-09	2.96E-09	1.26E-08	2.27E-09	7.57E-10	3.03E-09	1.77E-09	3.64E-10	2.14E-09
7984	625147.97	4266127.25	1.15E-08	3.95E-09	1.54E-08	9.61E-09	2.96E-09	1.26E-08	2.27E-09	7.57E-10	3.03E-09	1.77E-09	3.65E-10	2.14E-09
7985	625148.13	4266117.32	1.15E-08	3.96E-09	1.55E-08	9.61E-09	2.96E-09	1.26E-08	2.28E-09	7.58E-10	3.03E-09	1.77E-09	3.65E-10	2.14E-09
7986	625148.3	4266107.38	1.15E-08	3.96E-09	1.55E-08	9.62E-09	2.96E-09	1.26E-08	2.28E-09	7.59E-10	3.04E-09	1.78E-09	3.65E-10	2.14E-09
7987	625148.46	4266097.45	1.15E-08	3.97E-09	1.55E-08	9.64E-09	2.97E-09	1.26E-08	2.28E-09	7.60E-10	3.04E-09	1.78E-09	3.66E-10	2.15E-09
7988	625148.62	4266087.52	1.16E-08	3.97E-09	1.55E-08	9.66E-09	2.98E-09	1.26E-08	2.29E-09	7.61E-10	3.05E-09	1.78E-09	3.67E-10	2.15E-09
7989	625148.79	4266077.58	1.16E-08	3.98E-09	1.56E-08	9.68E-09	2.98E-09	1.27E-08	2.29E-09	7.63E-10	3.06E-09	1.79E-09	3.68E-10	2.16E-09
7990	625148.95	4266067.65	1.16E-08	4.00E-09	1.56E-08	9.72E-09	2.99E-09	1.27E-08	2.30E-09	7.66E-10	3.07E-09	1.79E-09	3.69E-10	2.16E-09
7991	625149.11	4266057.72	1.17E-08	4.01E-09	1.57E-08	9.75E-09	3.00E-09	1.28E-08	2.31E-09	7.69E-10	3.08E-09	1.80E-09	3.70E-10	2.17E-09
7992	625149.28	4266047.78	1.17E-08	4.03E-09	1.57E-08	9.79E-09	3.02E-09	1.28E-08	2.32E-09	7.72E-10	3.09E-09	1.81E-09	3.72E-10	2.18E-09
7993	625149.44	4266037.85	1.18E-08	4.05E-09	1.58E-08	9.84E-09	3.03E-09	1.29E-08	2.33E-09	7.75E-10	3.10E-09	1.82E-09	3.73E-10	2.19E-09
7994	625149.61	4266027.92	1.18E-08	4.06E-09	1.59E-08	9.88E-09	3.04E-09	1.29E-08	2.34E-09	7.79E-10	3.12E-09	1.82E-09	3.75E-10	2.20E-09
7995	625149.77	4266017.98	1.19E-08	4.08E-09	1.60E-08	9.93E-09	3.06E-09	1.30E-08	2.35E-09	7.82E-10	3.13E-09	1.83E-09	3.77E-10	2.21E-09
7996	625149.93	4266008.05	1.19E-08	4.10E-09	1.60E-08	9.98E-09	3.07E-09	1.30E-08	2.36E-09	7.86E-10	3.15E-09	1.84E-09	3.79E-10	2.22E-09
7997	625150.1	4265998.12	1.20E-08	4.13E-09	1.61E-08	1.00E-08	3.09E-09	1.31E-08	2.38E-09	7.91E-10	3.17E-09	1.85E-09	3.81E-10	2.23E-09
7998	625150.26	4265988.18	1.21E-08	4.15E-09	1.62E-08	1.01E-08	3.11E-09	1.32E-08	2.39E-09	7.95E-10	3.18E-09	1.86E-09	3.83E-10	2.24E-09
7999	625150.42	4265978.25	1.21E-08	4.17E-09	1.63E-08	1.01E-08	3.12E-09	1.33E-08	2.40E-09	7.99E-10	3.20E-09	1.87E-09	3.85E-10	2.26E-09
8000	625150.59	4265968.32	1.22E-08	4.19E-09	1.64E-08	1.02E-08	3.14E-09	1.33E-08	2.41E-09	8.03E-10	3.22E-09	1.88E-09	3.87E-10	2.27E-09

8001	625150.75	4265958.38	1.23E-08	4.21E-09	1.65E-08	1.02E-08	3.16E-09	1.34E-08	2.43E-09	8.08E-10	3.23E-09	1.89E-09	3.89E-10	2.28E-09
8002	625150.91	4265948.45	1.23E-08	4.24E-09	1.66E-08	1.03E-08	3.17E-09	1.35E-08	2.44E-09	8.12E-10	3.25E-09	1.90E-09	3.91E-10	2.29E-09
8003	625151.08	4265938.52	1.24E-08	4.26E-09	1.66E-08	1.03E-08	3.19E-09	1.35E-08	2.45E-09	8.16E-10	3.27E-09	1.91E-09	3.93E-10	2.30E-09
8004	625151.24	4265928.58	1.24E-08	4.28E-09	1.67E-08	1.04E-08	3.20E-09	1.36E-08	2.46E-09	8.20E-10	3.28E-09	1.92E-09	3.95E-10	2.31E-09
8005	625151.4	4265918.65	1.25E-08	4.30E-09	1.68E-08	1.05E-08	3.22E-09	1.37E-08	2.47E-09	8.24E-10	3.30E-09	1.93E-09	3.97E-10	2.33E-09
8006	625151.57	4265908.72	1.26E-08	4.32E-09	1.69E-08	1.05E-08	3.23E-09	1.37E-08	2.49E-09	8.28E-10	3.31E-09	1.94E-09	3.99E-10	2.34E-09
8007	625151.73	4265898.78	1.26E-08	4.34E-09	1.70E-08	1.05E-08	3.25E-09	1.38E-08	2.50E-09	8.31E-10	3.33E-09	1.95E-09	4.00E-10	2.35E-09
8008	625151.89	4265888.85	1.27E-08	4.36E-09	1.70E-08	1.06E-08	3.26E-09	1.39E-08	2.51E-09	8.35E-10	3.34E-09	1.96E-09	4.02E-10	2.36E-09
8009	625152.06	4265878.92	1.27E-08	4.37E-09	1.71E-08	1.06E-08	3.27E-09	1.39E-08	2.52E-09	8.38E-10	3.35E-09	1.96E-09	4.04E-10	2.37E-09
8010	625152.22	4265868.98	1.28E-08	4.39E-09	1.71E-08	1.07E-08	3.28E-09	1.39E-08	2.53E-09	8.41E-10	3.37E-09	1.97E-09	4.05E-10	2.37E-09
8011	625152.39	4265859.05	1.28E-08	4.40E-09	1.72E-08	1.07E-08	3.29E-09	1.40E-08	2.53E-09	8.43E-10	3.37E-09	1.97E-09	4.06E-10	2.38E-09
8012	625152.55	4265849.12	1.28E-08	4.41E-09	1.72E-08	1.07E-08	3.30E-09	1.40E-08	2.54E-09	8.45E-10	3.38E-09	1.98E-09	4.07E-10	2.39E-09
8013	625152.71	4265839.18	1.28E-08	4.42E-09	1.73E-08	1.07E-08	3.31E-09	1.40E-08	2.54E-09	8.46E-10	3.39E-09	1.98E-09	4.08E-10	2.39E-09
8014	625152.88	4265829.25	1.29E-08	4.42E-09	1.73E-08	1.07E-08	3.31E-09	1.41E-08	2.55E-09	8.47E-10	3.39E-09	1.98E-09	4.08E-10	2.39E-09
8015	625153.04	4265819.32	1.29E-08	4.43E-09	1.73E-08	1.08E-08	3.31E-09	1.41E-08	2.55E-09	8.48E-10	3.40E-09	1.99E-09	4.08E-10	2.39E-09
8016	625153.2	4265809.38	1.29E-08	4.43E-09	1.73E-08	1.08E-08	3.32E-09	1.41E-08	2.55E-09	8.49E-10	3.40E-09	1.99E-09	4.09E-10	2.40E-09
8017	625153.37	4265799.45	1.29E-08	4.43E-09	1.73E-08	1.08E-08	3.32E-09	1.41E-08	2.55E-09	8.49E-10	3.40E-09	1.99E-09	4.09E-10	2.40E-09
8018	625153.53	4265789.52	1.29E-08	4.43E-09	1.73E-08	1.08E-08	3.32E-09	1.41E-08	2.55E-09	8.49E-10	3.40E-09	1.99E-09	4.09E-10	2.40E-09
8019	625153.69	4265779.58	1.29E-08	4.43E-09	1.73E-08	1.08E-08	3.32E-09	1.41E-08	2.55E-09	8.50E-10	3.40E-09	1.99E-09	4.09E-10	2.40E-09
8020	625153.86	4265769.65	1.29E-08	4.44E-09	1.73E-08	1.08E-08	3.32E-09	1.41E-08	2.55E-09	8.50E-10	3.40E-09	1.99E-09	4.09E-10	2.40E-09
8021	625154.02	4265759.72	1.29E-08	4.44E-09	1.74E-08	1.08E-08	3.32E-09	1.41E-08	2.56E-09	8.51E-10	3.41E-09	1.99E-09	4.10E-10	2.40E-09
8022	625154.18	4265749.78	1.29E-08	4.45E-09	1.74E-08	1.08E-08	3.33E-09	1.41E-08	2.56E-09	8.52E-10	3.41E-09	1.99E-09	4.10E-10	2.40E-09
8023	625154.35	4265739.85	1.29E-08	4.45E-09	1.74E-08	1.08E-08	3.33E-09	1.42E-08	2.56E-09	8.53E-10	3.42E-09	2.00E-09	4.11E-10	2.41E-09
8024	625154.51	4265729.92	1.30E-08	4.46E-09	1.74E-08	1.08E-08	3.34E-09	1.42E-08	2.57E-09	8.55E-10	3.42E-09	2.00E-09	4.12E-10	2.41E-09
8025	625154.68	4265719.98	1.30E-08	4.47E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.57E-09	8.56E-10	3.43E-09	2.01E-09	4.13E-10	2.42E-09
8026	625154.84	4265710.05	1.30E-08	4.48E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.58E-09	8.59E-10	3.44E-09	2.01E-09	4.14E-10	2.42E-09
8027	625155	4265700.12	1.31E-08	4.49E-09	1.76E-08	1.09E-08	3.36E-09	1.43E-08	2.59E-09	8.61E-10	3.45E-09	2.02E-09	4.15E-10	2.43E-09
8028	625155.17	4265690.18	1.31E-08	4.50E-09	1.76E-08	1.09E-08	3.37E-09	1.43E-08	2.59E-09	8.63E-10	3.46E-09	2.02E-09	4.16E-10	2.44E-09
8029	625155.33	4265680.25	1.31E-08	4.51E-09	1.76E-08	1.10E-08	3.38E-09	1.44E-08	2.60E-09	8.65E-10	3.46E-09	2.03E-09	4.17E-10	2.44E-09
8030	625185.61	4266185.2	1.00E-08	3.44E-09	1.35E-08	8.37E-09	2.58E-09	1.09E-08	1.98E-09	6.59E-10	2.64E-09	1.54E-09	3.18E-10	1.86E-09
8031	625181.66	4266194.31	1.01E-08	3.48E-09	1.36E-08	8.46E-09	2.61E-09	1.11E-08	2.00E-09	6.67E-10	2.67E-09	1.56E-09	3.21E-10	1.88E-09
8032	625177.7	4266203.42	1.02E-08	3.52E-09	1.37E-08	8.54E-09	2.63E-09	1.12E-08	2.02E-09	6.74E-10	2.70E-09	1.58E-09	3.24E-10	1.90E-09
8033	625173.75	4266212.52	1.03E-08	3.55E-09	1.39E-08	8.63E-09	2.66E-09	1.13E-08	2.04E-09	6.80E-10	2.72E-09	1.59E-09	3.28E-10	1.92E-09
8034	625169.8	4266221.63	1.04E-08	3.58E-09	1.40E-08	8.70E-09	2.68E-09	1.14E-08	2.06E-09	6.86E-10	2.75E-09	1.61E-09	3.31E-10	1.94E-09
8035	625165.84	4266230.74	1.05E-08	3.61E-09	1.41E-08	8.78E-09	2.70E-09	1.15E-08	2.08E-09	6.92E-10	2.77E-09	1.62E-09	3.33E-10	1.95E-09
8036	625161.89	4266239.85	1.06E-08	3.64E-09	1.42E-08	8.84E-09	2.72E-09	1.16E-08	2.09E-09	6.97E-10	2.79E-09	1.63E-09	3.36E-10	1.97E-09
8037	625157.94	4266248.96	1.07E-08	3.67E-09	1.43E-08	8.91E-09	2.74E-09	1.17E-08	2.11E-09	7.02E-10	2.81E-09	1.64E-09	3.38E-10	1.98E-09
8038	625153.98	4266258.07	1.07E-08	3.69E-09	1.44E-08	8.97E-09	2.76E-09	1.17E-08	2.12E-09	7.07E-10	2.83E-09	1.66E-09	3.41E-10	2.00E-09
8039	625150.03	4266267.18	1.08E-08	3.71E-09	1.45E-08	9.03E-09	2.78E-09	1.18E-08	2.14E-09	7.12E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
8040	625146.08	4266276.29	1.09E-08	3.74E-09	1.46E-08	9.09E-09	2.80E-09	1.19E-08	2.15E-09	7.16E-10	2.87E-09	1.68E-09	3.45E-10	2.02E-09
8041	625142.12	4266285.39	1.09E-08	3.76E-09	1.47E-08	9.15E-09	2.82E-09	1.20E-08	2.17E-09	7.21E-10	2.89E-09	1.69E-09	3.47E-10	2.04E-09
8042	625106.54	4266367.37	1.17E-08	4.02E-09	1.57E-08	9.78E-09	3.01E-09	1.28E-08	2.32E-09	7.71E-10	3.09E-09	1.80E-09	3.71E-10	2.18E-09
8043	625102.59	4266376.48	1.18E-08	4.05E-09	1.58E-08	9.84E-09	3.03E-09	1.29E-08	2.33E-09	7.76E-10	3.11E-09	1.82E-09	3.74E-10	2.19E-09
8044	625098.63	4266385.59	1.18E-08	4.07E-09	1.59E-08	9.90E-09	3.05E-09	1.30E-08	2.34E-09	7.80E-10	3.13E-09	1.83E-09	3.76E-10	2.20E-09
8045	625094.68	4266394.7	1.19E-08	4.10E-09	1.60E-08	9.96E-09	3.07E-09	1.30E-08	2.36E-09	7.85E-10	3.14E-09	1.84E-09	3.78E-10	2.22E-09
8046	625081.49	4266407.45	1.23E-08	4.23E-09	1.65E-08	1.03E-08	3.17E-09	1.34E-08	2.43E-09	8.10E-10	3.24E-09	1.90E-09	3.90E-10	2.29E-09
8047	625072.25	4266411.08	1.26E-08	4.34E-09	1.70E-08	1.06E-08	3.25E-09	1.38E-08	2.50E-09	8.32E-10	3.33E-09	1.95E-09	4.01E-10	2.35E-09
8048	625063.01	4266414.72	1.30E-08	4.46E-09	1.74E-08	1.08E-08	3.34E-09	1.42E-08	2.57E-09	8.54E-10	3.42E-09	2.00E-09	4.11E-10	2.41E-09
8049	625053.77	4266418.36	1.33E-08	4.57E-09	1.79E-08	1.11E-08	3.42E-09	1.45E-08	2.63E-09	8.76E-10	3.51E-09	2.05E-09	4.22E-10	2.47E-09
8050	625044.53	4266422	1.36E-08	4.69E-09	1.83E-08	1.14E-08	3.51E-09	1.49E-08	2.70E-09	8.98E-10	3.60E-09	2.10E-09	4.33E-10	2.54E-09
8051	625035.29	4266425.64	1.40E-08	4.80E-09	1.88E-08	1.17E-08	3.59E-09	1.53E-08	2.76E-09	9.20E-10	3.68E-09	2.15E-09	4.43E-10	2.60E-09
8052	625026.05	4266429.28	1.43E-08	4.91E-09	1.92E-08	1.19E-08	3.68E-09	1.56E-08	2.83E-09	9.41E-10	3.77E-09	2.20E-09	4.53E-10	2.66E-09
8053	625016.81	4266432.92	1.46E-08	5.02E-09	1.96E-08	1.22E-08	3.76E-09	1.60E-08	2.89E-09	9.63E-10	3.85E-09	2.25E-09	4.64E-10	2.72E-09
8054	625007.57	4266436.56	1.49E-08	5.13E-09	2.01E-08	1.25E-08	3.84E-09	1.63E-08	2.95E-09	9.84E-10	3.94E-09	2.30E-09	4.74E-10	2.78E-09
8055	624998.33	4266440.2	1.52E-08	5.24E-09	2.05E-08	1.27E-08	3.92E-09	1.67E-08	3.02E-09	1.00E-09	4.02E-09	2.35E-09	4.84E-10	2.83E-09
8056	624989.1	4266443.83	1.55E-08	5.34E-09	2.09E-08	1.30E-08	4.00E-09	1.70E-08	3.08E-09	1.02E-09	4.10E-09	2.40E-09	4.93E-10	2.89E-09
8057	624979.86	4266447.47	1.58E-08	5.44E-09	2.13E-08	1.32E-08	4.08E-09	1.73E-08	3.13E-09	1.04E-09	4.18E-09	2.44E-09	5.02E-10	2.95E-09
8058	624970.62	4266451.11	1.61E-08	5.54E-09	2.16E-08	1.35E-08	4.15E-09	1.76E-08	3.19E-09	1.06E-09	4.25E-09	2.49E-09	5.11E-10	3.00E-09
8059	624961.38	4266454.75	1.64E-08	5.63E-09	2.20E-08	1.37E-08	4.22E-09	1.79E-08	3.24E-09	1.08E-09	4.32E-09	2.53E-09	5.20E-10	3.05E-09
8060	624952.14	4266458.39	1.66E-08	5.72E-09	2.23E-08	1.39E-08	4.28E-09	1.82E-08	3.29E-09	1.10E-09	4.39E-09	2.57E-09	5.28E-10	3.09E-09
8061	624942.9	4266462.03	1.69E-08	5.80E-09	2.27E-08	1.41E-08	4.34E-09	1.84E-08	3.34E-09	1.11E-09	4.45E-09	2.60E-09	5.35E-10	3.14E-09
8062	624933.66	4266465.67	1.71E-08	5.87E-09	2.29E-08	1.43E-08	4.40E-09	1.87E-08	3.38E-09	1.13E-09	4.51E-09	2.64E-09	5.42E-10	3.18E-09
8063	624924.42	4266469.31	1.73E-08	5.94E-09	2.32E-08	1.44E-08	4.45E-09	1.89E-08	3.42E-09	1.14E-09	4.56E-09	2.67E-09	5.48E-10	3.21E-09
8064	624915.18	4266472.94	1.74E-08	6.00E-09	2.34E-08	1.46E-08	4.49E-09	1.91E-08	3.45E-09	1.15E-09	4.60E-09	2.69E-09	5.54E-10	3.25E-09
8065	624905.94	4266476.58	1.76E-08	6.05E-09	2.37E-08	1.47E-08	4.53E-09	1.92E-08	3.48E-09	1.16E-09	4.64E-09	2.72E-09	5.59E-10	3.27E-09
8066	624896.7	4266480.22	1.77E-08	6.10E-09	2.38E-08	1.48E-08	4.57E-09	1.94E-08	3.51E-09	1.17E-09	4.68E-09	2.74E-09	5.63E-10	3.30E-09
8067	624887.47	4266483.86	1.78E-08	6.14E-09	2.40E-08	1.49E-08	4.59E-09	1.95E-08	3.53E-09	1.18E-09	4.71E-09	2.75E-09	5.66E-10	3.32E-09
8068	624878.23	4266487.5	1.79E-08	6.17E-09	2.41E-08	1.50E-08	4.62E-09	1.96E-08	3.55E-09	1.18E-09	4.73E-09	2.77E-09	5.69E-10	3.34E-09
8069	624868.99	4266491.14	1.80E-08	6.19E-09	2.42E-08	1.50E-08	4.63E-09	1.97E-08	3.56E-09	1.19E-09	4.75E-09	2.78E-09	5.71E-10	3.35E-09

8070	624859.75	4266494.78	1.80E-08	6.21E-09	2.42E-08	1.51E-08	4.65E-09	1.97E-08	3.57E-09	1.19E-09	4.76E-09	2.78E-09	5.73E-10	3.36E-09
8071	624850.51	4266498.42	1.81E-08	6.22E-09	2.43E-08	1.51E-08	4.65E-09	1.98E-08	3.58E-09	1.19E-09	4.77E-09	2.79E-09	5.74E-10	3.36E-09
8072	625197.64	4266147.94	9.67E-09	3.32E-09	1.30E-08	8.08E-09	2.49E-09	1.06E-08	1.91E-09	6.37E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
8073	625197.8	4266138	9.67E-09	3.32E-09	1.30E-08	8.08E-09	2.49E-09	1.06E-08	1.91E-09	6.37E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
8074	625197.96	4266128.07	9.67E-09	3.33E-09	1.30E-08	8.08E-09	2.49E-09	1.06E-08	1.91E-09	6.37E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
8075	625198.13	4266118.14	9.68E-09	3.33E-09	1.30E-08	8.09E-09	2.49E-09	1.06E-08	1.92E-09	6.37E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
8076	625198.29	4266108.2	9.69E-09	3.33E-09	1.30E-08	8.10E-09	2.49E-09	1.06E-08	1.92E-09	6.38E-10	2.56E-09	1.49E-09	3.07E-10	1.80E-09
8077	625198.45	4266098.27	9.70E-09	3.34E-09	1.30E-08	8.11E-09	2.50E-09	1.06E-08	1.92E-09	6.39E-10	2.56E-09	1.50E-09	3.08E-10	1.80E-09
8078	625198.62	4266088.34	9.72E-09	3.34E-09	1.31E-08	8.13E-09	2.50E-09	1.06E-08	1.92E-09	6.41E-10	2.57E-09	1.50E-09	3.09E-10	1.81E-09
8079	625198.78	4266078.4	9.75E-09	3.35E-09	1.31E-08	8.15E-09	2.51E-09	1.07E-08	1.93E-09	6.42E-10	2.57E-09	1.50E-09	3.09E-10	1.81E-09
8080	625198.94	4266068.47	9.78E-09	3.36E-09	1.31E-08	8.18E-09	2.52E-09	1.07E-08	1.94E-09	6.44E-10	2.58E-09	1.51E-09	3.10E-10	1.82E-09
8081	625199.11	4266058.54	9.81E-09	3.37E-09	1.32E-08	8.20E-09	2.53E-09	1.07E-08	1.94E-09	6.46E-10	2.59E-09	1.51E-09	3.11E-10	1.83E-09
8082	625199.27	4266048.6	9.85E-09	3.39E-09	1.32E-08	8.23E-09	2.54E-09	1.08E-08	1.95E-09	6.49E-10	2.60E-09	1.52E-09	3.13E-10	1.83E-09
8083	625199.44	4266038.67	9.89E-09	3.40E-09	1.33E-08	8.26E-09	2.55E-09	1.08E-08	1.96E-09	6.51E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
8084	625199.6	4266028.74	9.93E-09	3.41E-09	1.33E-08	8.30E-09	2.56E-09	1.09E-08	1.97E-09	6.54E-10	2.62E-09	1.53E-09	3.15E-10	1.85E-09
8085	625199.76	4266018.8	9.97E-09	3.43E-09	1.34E-08	8.34E-09	2.57E-09	1.09E-08	1.97E-09	6.57E-10	2.63E-09	1.54E-09	3.16E-10	1.86E-09
8086	625199.93	4266008.87	1.00E-08	3.45E-09	1.35E-08	8.38E-09	2.58E-09	1.10E-08	1.98E-09	6.60E-10	2.64E-09	1.55E-09	3.18E-10	1.86E-09
8087	625200.09	4265998.94	1.01E-08	3.46E-09	1.35E-08	8.42E-09	2.59E-09	1.10E-08	1.99E-09	6.64E-10	2.66E-09	1.55E-09	3.20E-10	1.87E-09
8088	625200.25	4265989	1.01E-08	3.48E-09	1.36E-08	8.46E-09	2.61E-09	1.11E-08	2.00E-09	6.67E-10	2.67E-09	1.56E-09	3.21E-10	1.88E-09
8089	625200.42	4265979.07	1.02E-08	3.50E-09	1.37E-08	8.50E-09	2.62E-09	1.11E-08	2.01E-09	6.70E-10	2.68E-09	1.57E-09	3.23E-10	1.89E-09
8090	625200.58	4265969.14	1.02E-08	3.52E-09	1.37E-08	8.55E-09	2.63E-09	1.12E-08	2.02E-09	6.74E-10	2.70E-09	1.58E-09	3.25E-10	1.90E-09
8091	625200.74	4265959.2	1.03E-08	3.53E-09	1.38E-08	8.59E-09	2.65E-09	1.12E-08	2.03E-09	6.77E-10	2.71E-09	1.59E-09	3.26E-10	1.91E-09
8092	625200.91	4265949.27	1.03E-08	3.55E-09	1.39E-08	8.64E-09	2.66E-09	1.13E-08	2.04E-09	6.81E-10	2.73E-09	1.59E-09	3.28E-10	1.92E-09
8093	625201.07	4265939.34	1.04E-08	3.57E-09	1.40E-08	8.68E-09	2.67E-09	1.14E-08	2.06E-09	6.84E-10	2.74E-09	1.60E-09	3.30E-10	1.93E-09
8094	625201.23	4265929.4	1.04E-08	3.59E-09	1.40E-08	8.72E-09	2.69E-09	1.14E-08	2.07E-09	6.88E-10	2.75E-09	1.61E-09	3.31E-10	1.94E-09
8095	625201.4	4265919.47	1.05E-08	3.61E-09	1.41E-08	8.76E-09	2.70E-09	1.15E-08	2.08E-09	6.91E-10	2.77E-09	1.62E-09	3.33E-10	1.95E-09
8096	625201.56	4265909.54	1.05E-08	3.62E-09	1.41E-08	8.80E-09	2.71E-09	1.15E-08	2.08E-09	6.94E-10	2.78E-09	1.62E-09	3.34E-10	1.96E-09
8097	625201.72	4265899.6	1.06E-08	3.63E-09	1.42E-08	8.83E-09	2.72E-09	1.16E-08	2.09E-09	6.96E-10	2.79E-09	1.63E-09	3.35E-10	1.97E-09
8098	625201.89	4265889.67	1.06E-08	3.65E-09	1.42E-08	8.86E-09	2.73E-09	1.16E-08	2.10E-09	6.99E-10	2.80E-09	1.64E-09	3.36E-10	1.97E-09
8099	625202.05	4265879.74	1.06E-08	3.66E-09	1.43E-08	8.89E-09	2.74E-09	1.16E-08	2.10E-09	7.01E-10	2.81E-09	1.64E-09	3.37E-10	1.98E-09
8100	625202.22	4265869.8	1.07E-08	3.67E-09	1.43E-08	8.91E-09	2.74E-09	1.17E-08	2.11E-09	7.02E-10	2.81E-09	1.65E-09	3.38E-10	1.98E-09
8101	625202.38	4265859.87	1.07E-08	3.67E-09	1.44E-08	8.93E-09	2.75E-09	1.17E-08	2.11E-09	7.04E-10	2.82E-09	1.65E-09	3.39E-10	1.99E-09
8102	625202.54	4265849.94	1.07E-08	3.68E-09	1.44E-08	8.95E-09	2.76E-09	1.17E-08	2.12E-09	7.05E-10	2.82E-09	1.65E-09	3.40E-10	1.99E-09
8103	625202.71	4265840	1.07E-08	3.69E-09	1.44E-08	8.96E-09	2.76E-09	1.17E-08	2.12E-09	7.06E-10	2.83E-09	1.65E-09	3.40E-10	1.99E-09
8104	625202.87	4265830.07	1.07E-08	3.69E-09	1.44E-08	8.97E-09	2.76E-09	1.17E-08	2.12E-09	7.07E-10	2.83E-09	1.66E-09	3.41E-10	2.00E-09
8105	625203.03	4265820.14	1.07E-08	3.69E-09	1.44E-08	8.98E-09	2.77E-09	1.17E-08	2.13E-09	7.08E-10	2.83E-09	1.66E-09	3.41E-10	2.00E-09
8106	625203.2	4265810.2	1.07E-08	3.70E-09	1.44E-08	8.98E-09	2.77E-09	1.18E-08	2.13E-09	7.08E-10	2.84E-09	1.66E-09	3.41E-10	2.00E-09
8107	625203.36	4265800.27	1.08E-08	3.70E-09	1.45E-08	8.99E-09	2.77E-09	1.18E-08	2.13E-09	7.09E-10	2.84E-09	1.66E-09	3.41E-10	2.00E-09
8108	625203.52	4265790.34	1.08E-08	3.70E-09	1.45E-08	9.00E-09	2.77E-09	1.18E-08	2.13E-09	7.09E-10	2.84E-09	1.66E-09	3.42E-10	2.00E-09
8109	625203.69	4265780.4	1.08E-08	3.70E-09	1.45E-08	9.01E-09	2.77E-09	1.18E-08	2.13E-09	7.10E-10	2.84E-09	1.66E-09	3.42E-10	2.00E-09
8110	625203.85	4265770.47	1.08E-08	3.71E-09	1.45E-08	9.02E-09	2.78E-09	1.18E-08	2.14E-09	7.11E-10	2.85E-09	1.66E-09	3.42E-10	2.01E-09
8111	625204.01	4265760.54	1.08E-08	3.72E-09	1.45E-08	9.03E-09	2.78E-09	1.18E-08	2.14E-09	7.12E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
8112	625204.18	4265750.6	1.08E-08	3.72E-09	1.46E-08	9.05E-09	2.79E-09	1.18E-08	2.14E-09	7.14E-10	2.86E-09	1.67E-09	3.44E-10	2.02E-09
8113	625204.34	4265740.67	1.09E-08	3.73E-09	1.46E-08	9.08E-09	2.80E-09	1.19E-08	2.15E-09	7.16E-10	2.87E-09	1.68E-09	3.45E-10	2.02E-09
8114	625204.5	4265730.74	1.09E-08	3.75E-09	1.46E-08	9.11E-09	2.81E-09	1.19E-08	2.16E-09	7.18E-10	2.87E-09	1.68E-09	3.46E-10	2.03E-09
8115	625204.67	4265720.8	1.09E-08	3.76E-09	1.47E-08	9.14E-09	2.81E-09	1.20E-08	2.16E-09	7.20E-10	2.88E-09	1.69E-09	3.47E-10	2.03E-09
8116	625204.83	4265710.87	1.10E-08	3.77E-09	1.47E-08	9.17E-09	2.82E-09	1.20E-08	2.17E-09	7.23E-10	2.89E-09	1.69E-09	3.48E-10	2.04E-09
8117	625205	4265700.94	1.10E-08	3.78E-09	1.48E-08	9.20E-09	2.83E-09	1.20E-08	2.18E-09	7.25E-10	2.90E-09	1.70E-09	3.49E-10	2.05E-09
8118	625205.16	4265691	1.10E-08	3.80E-09	1.48E-08	9.23E-09	2.84E-09	1.21E-08	2.19E-09	7.27E-10	2.91E-09	1.70E-09	3.50E-10	2.05E-09
8119	625205.32	4265681.07	1.11E-08	3.81E-09	1.49E-08	9.25E-09	2.85E-09	1.21E-08	2.19E-09	7.29E-10	2.92E-09	1.71E-09	3.51E-10	2.06E-09
8120	625235.66	4266185.89	8.57E-09	2.95E-09	1.15E-08	7.16E-09	2.21E-09	9.37E-09	1.70E-09	5.65E-10	2.26E-09	1.32E-09	2.72E-10	1.59E-09
8121	625231.72	4266194.96	8.65E-09	2.98E-09	1.16E-08	7.23E-09	2.23E-09	9.46E-09	1.71E-09	5.70E-10	2.28E-09	1.34E-09	2.75E-10	1.61E-09
8122	625227.79	4266204.03	8.73E-09	3.00E-09	1.17E-08	7.30E-09	2.25E-09	9.55E-09	1.73E-09	5.75E-10	2.30E-09	1.35E-09	2.77E-10	1.62E-09
8123	625223.85	4266213.1	8.81E-09	3.03E-09	1.18E-08	7.36E-09	2.27E-09	9.63E-09	1.74E-09	5.81E-10	2.32E-09	1.36E-09	2.80E-10	1.64E-09
8124	625219.92	4266222.16	8.88E-09	3.05E-09	1.19E-08	7.42E-09	2.29E-09	9.71E-09	1.76E-09	5.85E-10	2.34E-09	1.37E-09	2.82E-10	1.65E-09
8125	625215.98	4266231.23	8.95E-09	3.08E-09	1.20E-08	7.48E-09	2.30E-09	9.79E-09	1.77E-09	5.90E-10	2.36E-09	1.38E-09	2.84E-10	1.67E-09
8126	625212.05	4266240.3	9.01E-09	3.10E-09	1.21E-08	7.53E-09	2.32E-09	9.86E-09	1.78E-09	5.94E-10	2.38E-09	1.39E-09	2.86E-10	1.68E-09
8127	625208.11	4266249.36	9.07E-09	3.12E-09	1.22E-08	7.59E-09	2.34E-09	9.92E-09	1.80E-09	5.98E-10	2.39E-09	1.40E-09	2.88E-10	1.69E-09
8128	625204.18	4266258.43	9.13E-09	3.14E-09	1.23E-08	7.63E-09	2.35E-09	9.98E-09	1.81E-09	6.02E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
8129	625200.24	4266267.5	9.18E-09	3.16E-09	1.23E-08	7.67E-09	2.36E-09	1.00E-08	1.82E-09	6.05E-10	2.42E-09	1.42E-09	2.91E-10	1.71E-09
8130	625196.31	4266276.56	9.23E-09	3.18E-09	1.24E-08	7.72E-09	2.38E-09	1.01E-08	1.83E-09	6.08E-10	2.44E-09	1.42E-09	2.93E-10	1.72E-09
8131	625192.37	4266285.63	9.29E-09	3.19E-09	1.25E-08	7.76E-09	2.39E-09	1.02E-08	1.84E-09	6.12E-10	2.45E-09	1.43E-09	2.95E-10	1.73E-09
8132	625156.95	4266367.23	9.89E-09	3.40E-09	1.33E-08	8.26E-09	2.55E-09	1.08E-08	1.96E-09	6.51E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
8133	625153.02	4266376.3	9.96E-09	3.42E-09	1.34E-08	8.32E-09	2.56E-09	1.09E-08	1.97E-09	6.56E-10	2.63E-09	1.54E-09	3.16E-10	1.85E-09
8134	625149.08	4266385.36	1.00E-08	3.45E-09	1.35E-08	8.38E-09	2.58E-09	1.10E-08	1.99E-09	6.61E-10	2.65E-09	1.55E-09	3.18E-10	1.87E-09
8135	625145.15	4266394.43	1.01E-08	3.47E-09	1.36E-08	8.44E-09	2.60E-09	1.10E-08	2.00E-09	6.66E-10	2.66E-09	1.56E-09	3.21E-10	1.88E-09
8136	625141.21	4266403.5	1.02E-08	3.50E-09	1.37E-08	8.50E-09	2.62E-09	1.11E-08	2.01E-09	6.70E-10	2.68E-09	1.57E-09	3.23E-10	1.89E-09
8137	625137.27	4266412.56	1.02E-08	3.52E-09	1.38E-08	8.55E-09	2.63E-09	1.12E-08	2.03E-09	6.74E-10	2.70E-09	1.58E-09	3.25E-10	1.90E-09
8138	625133.34	4266421.63	1.03E-08	3.54E-09	1.38E-08	8.60E-09	2.65E-09	1.13E-08	2.04E-09	6.78E-10	2.72E-09	1.59E-09	3.27E-10	1.91E-09

8139	625129.4	4266430.7	1.03E-08	3.56E-09	1.39E-08	8.65E-09	2.66E-09	1.13E-08	2.05E-09	6.82E-10	2.73E-09	1.60E-09	3.28E-10	1.92E-09
8140	625116.27	4266443.39	1.07E-08	3.67E-09	1.43E-08	8.91E-09	2.74E-09	1.17E-08	2.11E-09	7.02E-10	2.81E-09	1.64E-09	3.38E-10	1.98E-09
8141	625107.08	4266447.01	1.09E-08	3.76E-09	1.47E-08	9.13E-09	2.81E-09	1.19E-08	2.16E-09	7.20E-10	2.88E-09	1.69E-09	3.47E-10	2.03E-09
8142	625097.88	4266450.63	1.12E-08	3.85E-09	1.50E-08	9.35E-09	2.88E-09	1.22E-08	2.21E-09	7.37E-10	2.95E-09	1.73E-09	3.55E-10	2.08E-09
8143	625088.68	4266454.25	1.15E-08	3.94E-09	1.54E-08	9.58E-09	2.95E-09	1.25E-08	2.27E-09	7.55E-10	3.02E-09	1.77E-09	3.64E-10	2.13E-09
8144	625079.49	4266457.87	1.17E-08	4.03E-09	1.58E-08	9.80E-09	3.02E-09	1.28E-08	2.32E-09	7.73E-10	3.09E-09	1.81E-09	3.72E-10	2.18E-09
8145	625070.29	4266461.5	1.20E-08	4.12E-09	1.61E-08	1.00E-08	3.09E-09	1.31E-08	2.37E-09	7.90E-10	3.16E-09	1.85E-09	3.81E-10	2.23E-09
8146	625061.09	4266465.12	1.23E-08	4.21E-09	1.65E-08	1.02E-08	3.16E-09	1.34E-08	2.43E-09	8.07E-10	3.23E-09	1.89E-09	3.89E-10	2.28E-09
8147	625051.9	4266468.74	1.25E-08	4.30E-09	1.68E-08	1.05E-08	3.22E-09	1.37E-08	2.48E-09	8.25E-10	3.30E-09	1.93E-09	3.97E-10	2.33E-09
8148	625042.7	4266472.36	1.28E-08	4.39E-09	1.72E-08	1.07E-08	3.29E-09	1.40E-08	2.53E-09	8.41E-10	3.37E-09	1.97E-09	4.05E-10	2.38E-09
8149	625033.5	4266475.98	1.30E-08	4.48E-09	1.75E-08	1.09E-08	3.35E-09	1.42E-08	2.58E-09	8.58E-10	3.44E-09	2.01E-09	4.13E-10	2.42E-09
8150	625024.31	4266479.61	1.33E-08	4.56E-09	1.78E-08	1.11E-08	3.42E-09	1.45E-08	2.63E-09	8.74E-10	3.50E-09	2.05E-09	4.21E-10	2.47E-09
8151	625015.11	4266483.23	1.35E-08	4.65E-09	1.82E-08	1.13E-08	3.48E-09	1.48E-08	2.67E-09	8.90E-10	3.56E-09	2.08E-09	4.29E-10	2.51E-09
8152	625005.91	4266486.85	1.37E-08	4.73E-09	1.85E-08	1.15E-08	3.54E-09	1.50E-08	2.72E-09	9.05E-10	3.63E-09	2.12E-09	4.36E-10	2.56E-09
8153	624996.72	4266490.47	1.40E-08	4.80E-09	1.88E-08	1.17E-08	3.60E-09	1.53E-08	2.76E-09	9.20E-10	3.68E-09	2.15E-09	4.43E-10	2.60E-09
8154	624987.52	4266494.09	1.42E-08	4.88E-09	1.91E-08	1.19E-08	3.65E-09	1.55E-08	2.81E-09	9.34E-10	3.74E-09	2.19E-09	4.50E-10	2.64E-09
8155	624978.32	4266497.72	1.44E-08	4.95E-09	1.93E-08	1.20E-08	3.70E-09	1.57E-08	2.85E-09	9.48E-10	3.79E-09	2.22E-09	4.56E-10	2.68E-09
8156	624969.13	4266501.34	1.46E-08	5.01E-09	1.96E-08	1.22E-08	3.75E-09	1.59E-08	2.89E-09	9.60E-10	3.85E-09	2.25E-09	4.63E-10	2.71E-09
8157	624959.93	4266504.96	1.48E-08	5.07E-09	1.98E-08	1.23E-08	3.80E-09	1.61E-08	2.92E-09	9.72E-10	3.89E-09	2.28E-09	4.68E-10	2.75E-09
8158	624950.74	4266508.58	1.49E-08	5.13E-09	2.01E-08	1.25E-08	3.84E-09	1.63E-08	2.95E-09	9.83E-10	3.94E-09	2.30E-09	4.74E-10	2.78E-09
8159	624941.54	4266512.2	1.51E-08	5.18E-09	2.03E-08	1.26E-08	3.88E-09	1.65E-08	2.98E-09	9.93E-10	3.98E-09	2.33E-09	4.78E-10	2.80E-09
8160	624932.34	4266515.83	1.52E-08	5.23E-09	2.04E-08	1.27E-08	3.92E-09	1.66E-08	3.01E-09	1.00E-09	4.01E-09	2.35E-09	4.83E-10	2.83E-09
8161	624923.15	4266519.45	1.53E-08	5.27E-09	2.06E-08	1.28E-08	3.95E-09	1.68E-08	3.03E-09	1.01E-09	4.04E-09	2.36E-09	4.86E-10	2.85E-09
8162	624913.95	4266523.07	1.54E-08	5.31E-09	2.07E-08	1.29E-08	3.97E-09	1.69E-08	3.05E-09	1.02E-09	4.07E-09	2.38E-09	4.90E-10	2.87E-09
8163	624904.75	4266526.69	1.55E-08	5.34E-09	2.09E-08	1.30E-08	3.99E-09	1.70E-08	3.07E-09	1.02E-09	4.09E-09	2.39E-09	4.92E-10	2.89E-09
8164	624895.56	4266530.31	1.56E-08	5.36E-09	2.09E-08	1.30E-08	4.01E-09	1.70E-08	3.08E-09	1.03E-09	4.11E-09	2.40E-09	4.95E-10	2.90E-09
8165	624886.36	4266533.94	1.56E-08	5.38E-09	2.10E-08	1.31E-08	4.03E-09	1.71E-08	3.10E-09	1.03E-09	4.13E-09	2.41E-09	4.96E-10	2.91E-09
8166	624877.16	4266537.56	1.57E-08	5.39E-09	2.11E-08	1.31E-08	4.04E-09	1.71E-08	3.10E-09	1.03E-09	4.14E-09	2.42E-09	4.97E-10	2.92E-09
8167	624867.97	4266541.18	1.57E-08	5.40E-09	2.11E-08	1.31E-08	4.04E-09	1.72E-08	3.11E-09	1.03E-09	4.14E-09	2.42E-09	4.98E-10	2.92E-09
8168	624858.77	4266544.8	1.57E-08	5.40E-09	2.11E-08	1.31E-08	4.04E-09	1.72E-08	3.11E-09	1.04E-09	4.14E-09	2.42E-09	4.99E-10	2.92E-09
8169	624849.57	4266548.42	1.57E-08	5.40E-09	2.11E-08	1.31E-08	4.04E-09	1.72E-08	3.11E-09	1.03E-09	4.14E-09	2.42E-09	4.98E-10	2.92E-09
8170	625247.63	4266148.76	8.31E-09	2.86E-09	1.12E-08	6.95E-09	2.14E-09	9.09E-09	1.65E-09	5.48E-10	2.19E-09	1.28E-09	2.64E-10	1.55E-09
8171	625247.79	4266138.83	8.32E-09	2.86E-09	1.12E-08	6.95E-09	2.14E-09	9.09E-09	1.65E-09	5.48E-10	2.19E-09	1.28E-09	2.64E-10	1.55E-09
8172	625247.96	4266128.89	8.32E-09	2.86E-09	1.12E-08	6.96E-09	2.14E-09	9.10E-09	1.65E-09	5.48E-10	2.20E-09	1.28E-09	2.64E-10	1.55E-09
8173	625248.12	4266118.96	8.33E-09	2.86E-09	1.12E-08	6.96E-09	2.14E-09	9.10E-09	1.65E-09	5.49E-10	2.20E-09	1.28E-09	2.64E-10	1.55E-09
8174	625248.28	4266109.03	8.33E-09	2.87E-09	1.12E-08	6.97E-09	2.15E-09	9.11E-09	1.65E-09	5.49E-10	2.20E-09	1.29E-09	2.65E-10	1.55E-09
8175	625248.45	4266099.09	8.34E-09	2.87E-09	1.12E-08	6.97E-09	2.15E-09	9.12E-09	1.65E-09	5.50E-10	2.20E-09	1.29E-09	2.65E-10	1.55E-09
8176	625248.61	4266089.16	8.36E-09	2.87E-09	1.12E-08	6.99E-09	2.15E-09	9.14E-09	1.65E-09	5.51E-10	2.20E-09	1.29E-09	2.65E-10	1.55E-09
8177	625248.77	4266079.23	8.38E-09	2.88E-09	1.13E-08	7.00E-09	2.16E-09	9.16E-09	1.66E-09	5.52E-10	2.21E-09	1.29E-09	2.66E-10	1.56E-09
8178	625248.94	4266069.29	8.40E-09	2.89E-09	1.13E-08	7.02E-09	2.16E-09	9.18E-09	1.66E-09	5.53E-10	2.22E-09	1.30E-09	2.66E-10	1.56E-09
8179	625249.1	4266059.36	8.42E-09	2.90E-09	1.13E-08	7.04E-09	2.17E-09	9.21E-09	1.67E-09	5.55E-10	2.22E-09	1.30E-09	2.67E-10	1.57E-09
8180	625249.26	4266049.43	8.45E-09	2.91E-09	1.14E-08	7.06E-09	2.18E-09	9.24E-09	1.67E-09	5.57E-10	2.23E-09	1.30E-09	2.68E-10	1.57E-09
8181	625249.43	4266039.49	8.48E-09	2.92E-09	1.14E-08	7.09E-09	2.18E-09	9.27E-09	1.68E-09	5.59E-10	2.24E-09	1.31E-09	2.69E-10	1.58E-09
8182	625249.59	4266029.56	8.52E-09	2.93E-09	1.15E-08	7.12E-09	2.19E-09	9.32E-09	1.69E-09	5.61E-10	2.25E-09	1.31E-09	2.70E-10	1.59E-09
8183	625249.76	4266019.63	8.56E-09	2.94E-09	1.15E-08	7.16E-09	2.20E-09	9.36E-09	1.69E-09	5.64E-10	2.26E-09	1.32E-09	2.72E-10	1.59E-09
8184	625249.92	4266009.69	8.60E-09	2.96E-09	1.16E-08	7.19E-09	2.21E-09	9.40E-09	1.70E-09	5.67E-10	2.27E-09	1.33E-09	2.73E-10	1.60E-09
8185	625250.08	4265999.76	8.64E-09	2.97E-09	1.16E-08	7.22E-09	2.22E-09	9.45E-09	1.71E-09	5.69E-10	2.28E-09	1.33E-09	2.74E-10	1.61E-09
8186	625250.25	4265989.83	8.68E-09	2.99E-09	1.17E-08	7.26E-09	2.24E-09	9.49E-09	1.72E-09	5.72E-10	2.29E-09	1.34E-09	2.76E-10	1.62E-09
8187	625250.41	4265979.89	8.72E-09	3.00E-09	1.17E-08	7.29E-09	2.25E-09	9.54E-09	1.73E-09	5.75E-10	2.30E-09	1.35E-09	2.77E-10	1.62E-09
8188	625250.57	4265969.96	8.76E-09	3.01E-09	1.18E-08	7.32E-09	2.26E-09	9.58E-09	1.73E-09	5.77E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
8189	625250.74	4265960.03	8.80E-09	3.03E-09	1.18E-08	7.36E-09	2.27E-09	9.62E-09	1.74E-09	5.80E-10	2.32E-09	1.36E-09	2.79E-10	1.64E-09
8190	625250.9	4265950.09	8.84E-09	3.04E-09	1.19E-08	7.39E-09	2.28E-09	9.67E-09	1.75E-09	5.83E-10	2.33E-09	1.36E-09	2.81E-10	1.65E-09
8191	625251.06	4265940.16	8.88E-09	3.05E-09	1.19E-08	7.42E-09	2.29E-09	9.71E-09	1.76E-09	5.85E-10	2.34E-09	1.37E-09	2.82E-10	1.65E-09
8192	625251.23	4265930.23	8.92E-09	3.07E-09	1.20E-08	7.45E-09	2.30E-09	9.75E-09	1.76E-09	5.87E-10	2.35E-09	1.38E-09	2.83E-10	1.66E-09
8193	625251.39	4265920.29	8.95E-09	3.08E-09	1.20E-08	7.48E-09	2.30E-09	9.78E-09	1.77E-09	5.90E-10	2.36E-09	1.38E-09	2.84E-10	1.66E-09
8194	625251.55	4265910.36	8.98E-09	3.09E-09	1.21E-08	7.51E-09	2.31E-09	9.82E-09	1.78E-09	5.92E-10	2.37E-09	1.39E-09	2.85E-10	1.67E-09
8195	625251.72	4265900.43	9.01E-09	3.10E-09	1.21E-08	7.53E-09	2.32E-09	9.85E-09	1.78E-09	5.93E-10	2.38E-09	1.39E-09	2.86E-10	1.68E-09
8196	625251.88	4265890.49	9.03E-09	3.11E-09	1.21E-08	7.55E-09	2.33E-09	9.87E-09	1.79E-09	5.95E-10	2.38E-09	1.39E-09	2.87E-10	1.68E-09
8197	625252.04	4265880.56	9.05E-09	3.11E-09	1.22E-08	7.57E-09	2.33E-09	9.90E-09	1.79E-09	5.96E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
8198	625252.21	4265870.63	9.07E-09	3.12E-09	1.22E-08	7.58E-09	2.34E-09	9.92E-09	1.80E-09	5.98E-10	2.39E-09	1.40E-09	2.88E-10	1.69E-09
8199	625252.37	4265860.69	9.09E-09	3.12E-09	1.22E-08	7.59E-09	2.34E-09	9.93E-09	1.80E-09	5.99E-10	2.40E-09	1.40E-09	2.88E-10	1.69E-09
8200	625252.54	4265850.76	9.10E-09	3.13E-09	1.22E-08	7.60E-09	2.34E-09	9.95E-09	1.80E-09	5.99E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
8201	625252.7	4265840.83	9.11E-09	3.13E-09	1.22E-08	7.61E-09	2.34E-09	9.96E-09	1.80E-09	6.00E-10	2.40E-09	1.41E-09	2.89E-10	1.69E-09
8202	625252.86	4265830.89	9.12E-09	3.13E-09	1.22E-08	7.62E-09	2.35E-09	9.97E-09	1.80E-09	6.01E-10	2.40E-09	1.41E-09	2.89E-10	1.70E-09
8203	625253.03	4265820.96	9.13E-09	3.14E-09	1.23E-08	7.63E-09	2.35E-09	9.98E-09	1.81E-09	6.01E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
8204	625253.19	4265811.03	9.14E-09	3.14E-09	1.23E-08	7.64E-09	2.35E-09	9.99E-09	1.81E-09	6.02E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
8205	625253.35	4265801.09	9.15E-09	3.15E-09	1.23E-08	7.65E-09	2.36E-09	1.00E-08	1.81E-09	6.03E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
8206	625253.52	4265791.16	9.16E-09	3.15E-09	1.23E-08	7.65E-09	2.36E-09	1.00E-08	1.81E-09	6.03E-10	2.42E-09	1.41E-09	2.91E-10	1.70E-09
8207	625253.68	4265781.23	9.17E-09	3.15E-09	1.23E-08	7.67E-09	2.36E-09	1.00E-08	1.82E-09	6.04E-10	2.42E-09	1.42E-09	2.91E-10	1.71E-09

8208	625253.84	4265771.29	9.19E-09	3.16E-09	1.23E-08	7.68E-09	2.37E-09	1.00E-08	1.82E-09	6.05E-10	2.42E-09	1.42E-09	2.92E-10	1.71E-09
8209	625254.01	4265761.36	9.21E-09	3.17E-09	1.24E-08	7.70E-09	2.37E-09	1.01E-08	1.82E-09	6.07E-10	2.43E-09	1.42E-09	2.92E-10	1.71E-09
8210	625254.17	4265751.43	9.24E-09	3.18E-09	1.24E-08	7.72E-09	2.38E-09	1.01E-08	1.83E-09	6.09E-10	2.44E-09	1.43E-09	2.93E-10	1.72E-09
8211	625254.33	4265741.49	9.27E-09	3.19E-09	1.25E-08	7.75E-09	2.39E-09	1.01E-08	1.83E-09	6.11E-10	2.44E-09	1.43E-09	2.94E-10	1.72E-09
8212	625254.5	4265731.56	9.30E-09	3.20E-09	1.25E-08	7.77E-09	2.39E-09	1.02E-08	1.84E-09	6.13E-10	2.45E-09	1.44E-09	2.95E-10	1.73E-09
8213	625254.66	4265721.63	9.34E-09	3.21E-09	1.25E-08	7.80E-09	2.40E-09	1.02E-08	1.85E-09	6.15E-10	2.46E-09	1.44E-09	2.96E-10	1.74E-09
8214	625254.83	4265711.69	9.38E-09	3.22E-09	1.26E-08	7.84E-09	2.41E-09	1.02E-08	1.86E-09	6.18E-10	2.47E-09	1.45E-09	2.98E-10	1.74E-09
8215	625254.99	4265701.76	9.41E-09	3.24E-09	1.27E-08	7.87E-09	2.42E-09	1.03E-08	1.86E-09	6.20E-10	2.48E-09	1.45E-09	2.99E-10	1.75E-09
8216	625255.15	4265691.83	9.45E-09	3.25E-09	1.27E-08	7.90E-09	2.43E-09	1.03E-08	1.87E-09	6.23E-10	2.49E-09	1.46E-09	3.00E-10	1.76E-09
8217	625255.32	4265681.89	9.49E-09	3.26E-09	1.27E-08	7.93E-09	2.44E-09	1.04E-08	1.88E-09	6.25E-10	2.50E-09	1.46E-09	3.01E-10	1.76E-09
8218	625285.69	4266186.62	7.47E-09	2.57E-09	1.00E-08	6.25E-09	1.92E-09	8.17E-09	1.48E-09	4.92E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
8219	625281.77	4266195.66	7.53E-09	2.59E-09	1.01E-08	6.30E-09	1.94E-09	8.24E-09	1.49E-09	4.96E-10	1.99E-09	1.16E-09	2.39E-10	1.40E-09
8220	625277.85	4266204.69	7.60E-09	2.61E-09	1.02E-08	6.35E-09	1.96E-09	8.30E-09	1.50E-09	5.00E-10	2.00E-09	1.17E-09	2.41E-10	1.41E-09
8221	625273.93	4266213.72	7.65E-09	2.63E-09	1.03E-08	6.40E-09	1.97E-09	8.37E-09	1.51E-09	5.04E-10	2.02E-09	1.18E-09	2.43E-10	1.42E-09
8222	625270.01	4266222.76	7.71E-09	2.65E-09	1.04E-08	6.44E-09	1.98E-09	8.43E-09	1.53E-09	5.08E-10	2.03E-09	1.19E-09	2.45E-10	1.43E-09
8223	625266.09	4266231.79	7.76E-09	2.67E-09	1.04E-08	6.49E-09	2.00E-09	8.48E-09	1.54E-09	5.11E-10	2.05E-09	1.20E-09	2.46E-10	1.44E-09
8224	625262.17	4266240.83	7.81E-09	2.68E-09	1.05E-08	6.53E-09	2.01E-09	8.54E-09	1.55E-09	5.14E-10	2.06E-09	1.20E-09	2.48E-10	1.45E-09
8225	625258.25	4266249.86	7.85E-09	2.70E-09	1.06E-08	6.56E-09	2.02E-09	8.58E-09	1.55E-09	5.17E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
8226	625254.32	4266258.9	7.89E-09	2.71E-09	1.06E-08	6.60E-09	2.03E-09	8.63E-09	1.56E-09	5.20E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
8227	625250.4	4266267.93	7.93E-09	2.73E-09	1.07E-08	6.63E-09	2.04E-09	8.67E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.52E-10	1.48E-09
8228	625246.48	4266276.96	7.96E-09	2.74E-09	1.07E-08	6.66E-09	2.05E-09	8.71E-09	1.58E-09	5.25E-10	2.10E-09	1.23E-09	2.53E-10	1.48E-09
8229	625242.56	4266286	8.00E-09	2.75E-09	1.08E-08	6.69E-09	2.06E-09	8.75E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
8230	625207.27	4266367.31	8.46E-09	2.91E-09	1.14E-08	7.07E-09	2.18E-09	9.25E-09	1.67E-09	5.57E-10	2.23E-09	1.31E-09	2.68E-10	1.57E-09
8231	625203.35	4266376.34	8.52E-09	2.93E-09	1.15E-08	7.12E-09	2.19E-09	9.32E-09	1.69E-09	5.61E-10	2.25E-09	1.31E-09	2.70E-10	1.59E-09
8232	625199.43	4266385.38	8.58E-09	2.95E-09	1.15E-08	7.18E-09	2.21E-09	9.39E-09	1.70E-09	5.66E-10	2.26E-09	1.32E-09	2.72E-10	1.60E-09
8233	625195.5	4266394.41	8.65E-09	2.97E-09	1.16E-08	7.23E-09	2.23E-09	9.45E-09	1.71E-09	5.70E-10	2.28E-09	1.33E-09	2.74E-10	1.61E-09
8234	625191.58	4266403.45	8.71E-09	2.99E-09	1.17E-08	7.28E-09	2.24E-09	9.52E-09	1.72E-09	5.74E-10	2.30E-09	1.34E-09	2.76E-10	1.62E-09
8235	625187.66	4266412.48	8.77E-09	3.02E-09	1.18E-08	7.33E-09	2.26E-09	9.59E-09	1.74E-09	5.78E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
8236	625183.74	4266421.51	8.83E-09	3.04E-09	1.19E-08	7.38E-09	2.27E-09	9.66E-09	1.75E-09	5.82E-10	2.33E-09	1.36E-09	2.80E-10	1.64E-09
8237	625179.82	4266430.55	8.89E-09	3.06E-09	1.19E-08	7.43E-09	2.29E-09	9.72E-09	1.76E-09	5.86E-10	2.35E-09	1.37E-09	2.82E-10	1.65E-09
8238	625175.9	4266439.58	8.95E-09	3.08E-09	1.20E-08	7.48E-09	2.30E-09	9.78E-09	1.77E-09	5.89E-10	2.36E-09	1.38E-09	2.84E-10	1.66E-09
8239	625171.98	4266448.62	9.00E-09	3.10E-09	1.21E-08	7.52E-09	2.32E-09	9.84E-09	1.78E-09	5.93E-10	2.37E-09	1.39E-09	2.86E-10	1.67E-09
8240	625168.05	4266457.65	9.05E-09	3.11E-09	1.22E-08	7.57E-09	2.33E-09	9.90E-09	1.79E-09	5.96E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
8241	625164.13	4266466.69	9.10E-09	3.13E-09	1.22E-08	7.60E-09	2.34E-09	9.95E-09	1.80E-09	5.99E-10	2.40E-09	1.40E-09	2.89E-10	1.69E-09
8242	625151.05	4266479.33	9.35E-09	3.22E-09	1.26E-08	7.82E-09	2.41E-09	1.02E-08	1.85E-09	6.16E-10	2.47E-09	1.44E-09	2.97E-10	1.74E-09
8243	625141.88	4266482.94	9.57E-09	3.29E-09	1.29E-08	8.00E-09	2.46E-09	1.05E-08	1.89E-09	6.30E-10	2.52E-09	1.48E-09	3.04E-10	1.78E-09
8244	625132.72	4266486.55	9.79E-09	3.37E-09	1.32E-08	8.18E-09	2.52E-09	1.07E-08	1.94E-09	6.45E-10	2.58E-09	1.51E-09	3.11E-10	1.82E-09
8245	625123.56	4266490.16	1.00E-08	3.44E-09	1.34E-08	8.36E-09	2.58E-09	1.09E-08	1.98E-09	6.59E-10	2.64E-09	1.54E-09	3.17E-10	1.86E-09
8246	625114.39	4266493.77	1.02E-08	3.52E-09	1.37E-08	8.54E-09	2.63E-09	1.12E-08	2.02E-09	6.73E-10	2.70E-09	1.58E-09	3.24E-10	1.90E-09
8247	625105.23	4266497.38	1.04E-08	3.59E-09	1.40E-08	8.73E-09	2.69E-09	1.14E-08	2.07E-09	6.88E-10	2.75E-09	1.61E-09	3.31E-10	1.94E-09
8248	625096.07	4266500.98	1.07E-08	3.66E-09	1.43E-08	8.91E-09	2.74E-09	1.16E-08	2.11E-09	7.02E-10	2.81E-09	1.64E-09	3.38E-10	1.98E-09
8249	625086.9	4266504.59	1.09E-08	3.74E-09	1.46E-08	9.08E-09	2.80E-09	1.19E-08	2.15E-09	7.16E-10	2.87E-09	1.68E-09	3.45E-10	2.02E-09
8250	625077.74	4266508.2	1.11E-08	3.81E-09	1.49E-08	9.26E-09	2.85E-09	1.21E-08	2.19E-09	7.30E-10	2.92E-09	1.71E-09	3.52E-10	2.06E-09
8251	625068.58	4266511.81	1.13E-08	3.88E-09	1.52E-08	9.43E-09	2.91E-09	1.23E-08	2.23E-09	7.44E-10	2.98E-09	1.74E-09	3.58E-10	2.10E-09
8252	625059.41	4266515.42	1.15E-08	3.95E-09	1.54E-08	9.60E-09	2.96E-09	1.26E-08	2.27E-09	7.57E-10	3.03E-09	1.77E-09	3.65E-10	2.14E-09
8253	625050.25	4266519.03	1.17E-08	4.02E-09	1.57E-08	9.77E-09	3.01E-09	1.28E-08	2.31E-09	7.70E-10	3.08E-09	1.80E-09	3.71E-10	2.17E-09
8254	625041.08	4266522.64	1.19E-08	4.09E-09	1.60E-08	9.93E-09	3.06E-09	1.30E-08	2.35E-09	7.83E-10	3.13E-09	1.83E-09	3.77E-10	2.21E-09
8255	625031.92	4266526.25	1.21E-08	4.15E-09	1.62E-08	1.01E-08	3.11E-09	1.32E-08	2.39E-09	7.95E-10	3.18E-09	1.86E-09	3.83E-10	2.25E-09
8256	625022.76	4266529.86	1.23E-08	4.21E-09	1.65E-08	1.02E-08	3.15E-09	1.34E-08	2.43E-09	8.07E-10	3.23E-09	1.89E-09	3.89E-10	2.28E-09
8257	625013.59	4266533.47	1.24E-08	4.27E-09	1.67E-08	1.04E-08	3.20E-09	1.36E-08	2.46E-09	8.19E-10	3.28E-09	1.92E-09	3.94E-10	2.31E-09
8258	625004.43	4266537.08	1.26E-08	4.33E-09	1.69E-08	1.05E-08	3.24E-09	1.38E-08	2.49E-09	8.30E-10	3.32E-09	1.94E-09	4.00E-10	2.34E-09
8259	624995.27	4266540.68	1.28E-08	4.39E-09	1.71E-08	1.07E-08	3.28E-09	1.39E-08	2.52E-09	8.40E-10	3.37E-09	1.97E-09	4.05E-10	2.37E-09
8260	624986.1	4266544.29	1.29E-08	4.44E-09	1.73E-08	1.08E-08	3.32E-09	1.41E-08	2.55E-09	8.50E-10	3.40E-09	1.99E-09	4.10E-10	2.40E-09
8261	624976.94	4266547.9	1.30E-08	4.49E-09	1.75E-08	1.09E-08	3.36E-09	1.43E-08	2.58E-09	8.59E-10	3.44E-09	2.01E-09	4.14E-10	2.43E-09
8262	624967.78	4266551.51	1.32E-08	4.53E-09	1.77E-08	1.10E-08	3.39E-09	1.44E-08	2.61E-09	8.68E-10	3.48E-09	2.03E-09	4.18E-10	2.45E-09
8263	624958.61	4266555.12	1.33E-08	4.57E-09	1.79E-08	1.11E-08	3.42E-09	1.45E-08	2.63E-09	8.76E-10	3.51E-09	2.05E-09	4.22E-10	2.47E-09
8264	624949.45	4266558.73	1.34E-08	4.61E-09	1.80E-08	1.12E-08	3.45E-09	1.46E-08	2.65E-09	8.83E-10	3.53E-09	2.07E-09	4.25E-10	2.49E-09
8265	624940.28	4266562.34	1.35E-08	4.64E-09	1.81E-08	1.13E-08	3.47E-09	1.47E-08	2.67E-09	8.89E-10	3.56E-09	2.08E-09	4.28E-10	2.51E-09
8266	624931.12	4266565.95	1.36E-08	4.67E-09	1.82E-08	1.13E-08	3.49E-09	1.48E-08	2.69E-09	8.94E-10	3.58E-09	2.09E-09	4.31E-10	2.52E-09
8267	624921.96	4266569.56	1.36E-08	4.69E-09	1.83E-08	1.14E-08	3.51E-09	1.49E-08	2.70E-09	8.99E-10	3.60E-09	2.10E-09	4.33E-10	2.54E-09
8268	624912.79	4266573.17	1.37E-08	4.71E-09	1.84E-08	1.14E-08	3.53E-09	1.50E-08	2.71E-09	9.02E-10	3.61E-09	2.11E-09	4.35E-10	2.55E-09
8269	624903.63	4266576.77	1.37E-08	4.72E-09	1.85E-08	1.15E-08	3.54E-09	1.50E-08	2.72E-09	9.05E-10	3.62E-09	2.12E-09	4.36E-10	2.56E-09
8270	624894.47	4266580.38	1.38E-08	4.73E-09	1.85E-08	1.15E-08	3.54E-09	1.51E-08	2.73E-09	9.07E-10	3.63E-09	2.12E-09	4.37E-10	2.56E-09
8271	624885.3	4266583.99	1.38E-08	4.74E-09	1.85E-08	1.15E-08	3.55E-09	1.51E-08	2.73E-09	9.08E-10	3.64E-09	2.13E-09	4.38E-10	2.57E-09
8272	624876.14	4266587.6	1.38E-08	4.74E-09	1.85E-08	1.15E-08	3.55E-09	1.51E-08	2.73E-09	9.09E-10	3.64E-09	2.13E-09	4.38E-10	2.57E-09
8273	624866.98	4266591.21	1.38E-08	4.74E-09	1.85E-08	1.15E-08	3.55E-09	1.51E-08	2.73E-09	9.09E-10	3.64E-09	2.13E-09	4.38E-10	2.57E-09
8274	624857.81	4266594.82	1.38E-08	4.74E-09	1.85E-08	1.15E-08	3.55E-09	1.51E-08	2.73E-09	9.08E-10	3.64E-09	2.13E-09	4.37E-10	2.56E-09
8275	624848.65	4266598.43	1.38E-08	4.73E-09	1.85E-08	1.15E-08	3.54E-09	1.50E-08	2.72E-09	9.07E-10	3.63E-09	2.12E-09	4.37E-10	2.56E-09
8276	625297.62	4266149.58	7.28E-09	2.50E-09	9.78E-09	6.08E-09	1.87E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09

8277	625297.79	4266139.65	7.28E-09	2.50E-09	9.78E-09	6.08E-09	1.87E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
8278	625297.95	4266129.72	7.28E-09	2.50E-09	9.78E-09	6.08E-09	1.87E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
8279	625298.11	4266119.78	7.28E-09	2.50E-09	9.79E-09	6.09E-09	1.87E-09	7.96E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.35E-09
8280	625298.28	4266109.85	7.29E-09	2.51E-09	9.79E-09	6.09E-09	1.88E-09	7.97E-09	1.44E-09	4.80E-10	1.92E-09	1.12E-09	2.31E-10	1.36E-09
8281	625298.44	4266099.92	7.29E-09	2.51E-09	9.80E-09	6.10E-09	1.88E-09	7.98E-09	1.44E-09	4.81E-10	1.92E-09	1.13E-09	2.32E-10	1.36E-09
8282	625298.6	4266089.98	7.31E-09	2.51E-09	9.82E-09	6.11E-09	1.88E-09	7.99E-09	1.45E-09	4.81E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
8283	625298.77	4266080.05	7.32E-09	2.52E-09	9.84E-09	6.12E-09	1.89E-09	8.01E-09	1.45E-09	4.82E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
8284	625298.93	4266070.12	7.34E-09	2.52E-09	9.87E-09	6.14E-09	1.89E-09	8.03E-09	1.45E-09	4.84E-10	1.94E-09	1.13E-09	2.33E-10	1.37E-09
8285	625299.09	4266060.18	7.36E-09	2.53E-09	9.89E-09	6.15E-09	1.90E-09	8.05E-09	1.46E-09	4.85E-10	1.94E-09	1.14E-09	2.34E-10	1.37E-09
8286	625299.26	4266050.25	7.39E-09	2.54E-09	9.93E-09	6.17E-09	1.90E-09	8.08E-09	1.46E-09	4.87E-10	1.95E-09	1.14E-09	2.34E-10	1.37E-09
8287	625299.42	4266040.32	7.41E-09	2.55E-09	9.96E-09	6.20E-09	1.91E-09	8.10E-09	1.47E-09	4.88E-10	1.96E-09	1.14E-09	2.35E-10	1.38E-09
8288	625299.59	4266030.38	7.44E-09	2.56E-09	1.00E-08	6.22E-09	1.92E-09	8.13E-09	1.47E-09	4.90E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
8289	625299.75	4266020.45	7.47E-09	2.57E-09	1.00E-08	6.24E-09	1.92E-09	8.17E-09	1.48E-09	4.92E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
8290	625299.91	4266010.52	7.50E-09	2.58E-09	1.01E-08	6.27E-09	1.93E-09	8.20E-09	1.48E-09	4.94E-10	1.98E-09	1.16E-09	2.38E-10	1.39E-09
8291	625300.08	4266000.58	7.53E-09	2.59E-09	1.01E-08	6.29E-09	1.94E-09	8.23E-09	1.49E-09	4.96E-10	1.99E-09	1.16E-09	2.39E-10	1.40E-09
8292	625300.24	4265990.65	7.56E-09	2.60E-09	1.02E-08	6.32E-09	1.95E-09	8.26E-09	1.50E-09	4.98E-10	1.99E-09	1.17E-09	2.40E-10	1.41E-09
8293	625300.4	4265980.72	7.59E-09	2.61E-09	1.02E-08	6.34E-09	1.95E-09	8.30E-09	1.50E-09	5.00E-10	2.00E-09	1.17E-09	2.41E-10	1.41E-09
8294	625300.57	4265970.78	7.62E-09	2.62E-09	1.02E-08	6.37E-09	1.96E-09	8.33E-09	1.51E-09	5.02E-10	2.01E-09	1.18E-09	2.42E-10	1.42E-09
8295	625300.73	4265960.85	7.65E-09	2.63E-09	1.03E-08	6.39E-09	1.97E-09	8.36E-09	1.51E-09	5.04E-10	2.02E-09	1.18E-09	2.43E-10	1.42E-09
8296	625300.89	4265950.92	7.68E-09	2.64E-09	1.03E-08	6.42E-09	1.98E-09	8.40E-09	1.52E-09	5.06E-10	2.03E-09	1.19E-09	2.44E-10	1.43E-09
8297	625301.06	4265940.98	7.71E-09	2.65E-09	1.04E-08	6.44E-09	1.98E-09	8.43E-09	1.53E-09	5.08E-10	2.03E-09	1.19E-09	2.45E-10	1.43E-09
8298	625301.22	4265931.05	7.74E-09	2.66E-09	1.04E-08	6.47E-09	1.99E-09	8.46E-09	1.53E-09	5.10E-10	2.04E-09	1.19E-09	2.46E-10	1.44E-09
8299	625301.38	4265921.12	7.76E-09	2.67E-09	1.04E-08	6.49E-09	2.00E-09	8.49E-09	1.54E-09	5.11E-10	2.05E-09	1.20E-09	2.46E-10	1.44E-09
8300	625301.55	4265911.18	7.78E-09	2.68E-09	1.05E-08	6.50E-09	2.00E-09	8.51E-09	1.54E-09	5.13E-10	2.05E-09	1.20E-09	2.47E-10	1.45E-09
8301	625301.71	4265901.25	7.80E-09	2.68E-09	1.05E-08	6.52E-09	2.01E-09	8.53E-09	1.54E-09	5.14E-10	2.06E-09	1.20E-09	2.48E-10	1.45E-09
8302	625301.87	4265891.32	7.82E-09	2.69E-09	1.05E-08	6.53E-09	2.01E-09	8.54E-09	1.55E-09	5.15E-10	2.06E-09	1.21E-09	2.48E-10	1.45E-09
8303	625302.04	4265881.38	7.83E-09	2.69E-09	1.05E-08	6.54E-09	2.02E-09	8.56E-09	1.55E-09	5.16E-10	2.07E-09	1.21E-09	2.48E-10	1.46E-09
8304	625302.2	4265871.45	7.84E-09	2.70E-09	1.05E-08	6.55E-09	2.02E-09	8.57E-09	1.55E-09	5.17E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
8305	625302.37	4265861.52	7.85E-09	2.70E-09	1.05E-08	6.56E-09	2.02E-09	8.58E-09	1.55E-09	5.17E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
8306	625302.53	4265851.58	7.85E-09	2.70E-09	1.06E-08	6.57E-09	2.02E-09	8.59E-09	1.55E-09	5.18E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
8307	625302.69	4265841.65	7.86E-09	2.70E-09	1.06E-08	6.57E-09	2.02E-09	8.59E-09	1.56E-09	5.18E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
8308	625302.86	4265831.72	7.86E-09	2.70E-09	1.06E-08	6.57E-09	2.02E-09	8.60E-09	1.56E-09	5.18E-10	2.07E-09	1.21E-09	2.50E-10	1.46E-09
8309	625303.02	4265821.78	7.87E-09	2.71E-09	1.06E-08	6.58E-09	2.03E-09	8.60E-09	1.56E-09	5.18E-10	2.08E-09	1.21E-09	2.50E-10	1.46E-09
8310	625303.18	4265811.85	7.87E-09	2.71E-09	1.06E-08	6.58E-09	2.03E-09	8.61E-09	1.56E-09	5.19E-10	2.08E-09	1.21E-09	2.50E-10	1.46E-09
8311	625303.35	4265801.92	7.88E-09	2.71E-09	1.06E-08	6.59E-09	2.03E-09	8.62E-09	1.56E-09	5.19E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
8312	625303.51	4265791.98	7.89E-09	2.71E-09	1.06E-08	6.60E-09	2.03E-09	8.63E-09	1.56E-09	5.20E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
8313	625303.67	4265782.05	7.91E-09	2.72E-09	1.06E-08	6.61E-09	2.04E-09	8.64E-09	1.57E-09	5.21E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
8314	625303.84	4265772.12	7.93E-09	2.73E-09	1.07E-08	6.62E-09	2.04E-09	8.67E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.52E-10	1.47E-09
8315	625304	4265762.18	7.95E-09	2.73E-09	1.07E-08	6.64E-09	2.05E-09	8.69E-09	1.57E-09	5.24E-10	2.10E-09	1.23E-09	2.52E-10	1.48E-09
8316	625304.16	4265752.25	7.98E-09	2.74E-09	1.07E-08	6.67E-09	2.05E-09	8.72E-09	1.58E-09	5.26E-10	2.10E-09	1.23E-09	2.53E-10	1.48E-09
8317	625304.33	4265742.32	8.01E-09	2.75E-09	1.08E-08	6.69E-09	2.06E-09	8.76E-09	1.59E-09	5.28E-10	2.11E-09	1.24E-09	2.54E-10	1.49E-09
8318	625304.49	4265732.38	8.04E-09	2.77E-09	1.08E-08	6.72E-09	2.07E-09	8.79E-09	1.59E-09	5.30E-10	2.12E-09	1.24E-09	2.55E-10	1.50E-09
8319	625304.65	4265722.45	8.08E-09	2.78E-09	1.09E-08	6.75E-09	2.08E-09	8.83E-09	1.60E-09	5.32E-10	2.13E-09	1.25E-09	2.56E-10	1.50E-09
8320	625304.82	4265712.52	8.12E-09	2.79E-09	1.09E-08	6.79E-09	2.09E-09	8.88E-09	1.61E-09	5.35E-10	2.14E-09	1.25E-09	2.58E-10	1.51E-09
8321	625304.98	4265702.58	8.16E-09	2.81E-09	1.10E-08	6.82E-09	2.10E-09	8.92E-09	1.61E-09	5.37E-10	2.15E-09	1.26E-09	2.59E-10	1.52E-09
8322	625305.15	4265692.65	8.20E-09	2.82E-09	1.10E-08	6.85E-09	2.11E-09	8.96E-09	1.62E-09	5.40E-10	2.16E-09	1.26E-09	2.60E-10	1.52E-09
8323	625305.31	4265682.72	8.23E-09	2.83E-09	1.11E-08	6.88E-09	2.12E-09	9.00E-09	1.63E-09	5.42E-10	2.17E-09	1.27E-09	2.61E-10	1.53E-09
8324	625335.72	4266187.37	6.61E-09	2.27E-09	8.88E-09	5.52E-09	1.70E-09	7.22E-09	1.31E-09	4.35E-10	1.74E-09	1.02E-09	2.10E-10	1.23E-09
8325	625331.81	4266196.38	6.66E-09	2.29E-09	8.95E-09	5.56E-09	1.71E-09	7.28E-09	1.32E-09	4.39E-10	1.76E-09	1.03E-09	2.11E-10	1.24E-09
8326	625327.9	4266205.38	6.70E-09	2.31E-09	9.01E-09	5.60E-09	1.73E-09	7.33E-09	1.33E-09	4.42E-10	1.77E-09	1.03E-09	2.13E-10	1.25E-09
8327	625323.99	4266214.39	6.75E-09	2.32E-09	9.07E-09	5.64E-09	1.74E-09	7.38E-09	1.34E-09	4.45E-10	1.78E-09	1.04E-09	2.14E-10	1.26E-09
8328	625320.08	4266223.4	6.79E-09	2.34E-09	9.13E-09	5.68E-09	1.75E-09	7.43E-09	1.34E-09	4.48E-10	1.79E-09	1.05E-09	2.16E-10	1.26E-09
8329	625316.17	4266232.41	6.83E-09	2.35E-09	9.18E-09	5.71E-09	1.76E-09	7.47E-09	1.35E-09	4.50E-10	1.80E-09	1.05E-09	2.17E-10	1.27E-09
8330	625312.26	4266241.42	6.87E-09	2.36E-09	9.23E-09	5.74E-09	1.77E-09	7.51E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
8331	625308.35	4266250.43	6.90E-09	2.37E-09	9.27E-09	5.77E-09	1.78E-09	7.54E-09	1.37E-09	4.55E-10	1.82E-09	1.06E-09	2.19E-10	1.28E-09
8332	625304.44	4266259.44	6.93E-09	2.38E-09	9.31E-09	5.79E-09	1.78E-09	7.57E-09	1.37E-09	4.56E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
8333	625300.53	4266268.44	6.95E-09	2.39E-09	9.34E-09	5.81E-09	1.79E-09	7.60E-09	1.38E-09	4.58E-10	1.83E-09	1.07E-09	2.21E-10	1.29E-09
8334	625296.62	4266277.45	6.97E-09	2.40E-09	9.37E-09	5.83E-09	1.80E-09	7.62E-09	1.38E-09	4.59E-10	1.84E-09	1.08E-09	2.21E-10	1.30E-09
8335	625292.71	4266286.46	7.00E-09	2.41E-09	9.40E-09	5.85E-09	1.80E-09	7.65E-09	1.38E-09	4.61E-10	1.85E-09	1.08E-09	2.22E-10	1.30E-09
8336	625257.52	4266367.54	7.32E-09	2.52E-09	9.84E-09	6.12E-09	1.89E-09	8.01E-09	1.45E-09	4.83E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
8337	625253.61	4266376.55	7.37E-09	2.54E-09	9.91E-09	6.16E-09	1.90E-09	8.06E-09	1.46E-09	4.86E-10	1.95E-09	1.14E-09	2.34E-10	1.37E-09
8338	625249.7	4266385.56	7.43E-09	2.55E-09	9.98E-09	6.21E-09	1.91E-09	8.12E-09	1.47E-09	4.89E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
8339	625245.79	4266394.57	7.48E-09	2.57E-09	1.00E-08	6.25E-09	1.93E-09	8.18E-09	1.48E-09	4.93E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
8340	625241.88	4266403.57	7.53E-09	2.59E-09	1.01E-08	6.30E-09	1.94E-09	8.23E-09	1.49E-09	4.96E-10	1.99E-09	1.16E-09	2.39E-10	1.40E-09
8341	625237.97	4266412.58	7.59E-09	2.61E-09	1.02E-08	6.34E-09	1.95E-09	8.29E-09	1.50E-09	5.00E-10	2.00E-09	1.17E-09	2.41E-10	1.41E-09
8342	625234.06	4266421.59	7.64E-09	2.63E-09	1.03E-08	6.39E-09	1.97E-09	8.35E-09	1.51E-09	5.03E-10	2.02E-09	1.18E-09	2.43E-10	1.42E-09
8343	625230.15	4266430.6	7.70E-09	2.65E-09	1.03E-08	6.43E-09	1.98E-09	8.41E-09	1.52E-09	5.07E-10	2.03E-09	1.19E-09	2.44E-10	1.43E-09
8344	625226.24	4266439.61	7.75E-09	2.67E-09	1.04E-08	6.48E-09	2.00E-09	8.47E-09	1.53E-09	5.11E-10	2.04E-09	1.20E-09	2.46E-10	1.44E-09
8345	625222.33	4266448.62	7.80E-09	2.68E-09	1.05E-08	6.52E-09	2.01E-09	8.53E-09	1.54E-09	5.14E-10	2.06E-09	1.20E-09	2.48E-10	1.45E-09

8346	625218.42	4266457.63	7.85E-09	2.70E-09	1.06E-08	6.57E-09	2.02E-09	8.59E-09	1.55E-09	5.18E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
8347	625214.51	4266466.63	7.91E-09	2.72E-09	1.06E-08	6.61E-09	2.04E-09	8.64E-09	1.56E-09	5.21E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
8348	625210.6	4266475.64	7.95E-09	2.73E-09	1.07E-08	6.65E-09	2.05E-09	8.69E-09	1.57E-09	5.24E-10	2.10E-09	1.23E-09	2.52E-10	1.48E-09
8349	625206.69	4266484.65	8.00E-09	2.75E-09	1.07E-08	6.69E-09	2.06E-09	8.74E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
8350	625202.78	4266493.66	8.04E-09	2.77E-09	1.08E-08	6.72E-09	2.07E-09	8.79E-09	1.59E-09	5.30E-10	2.12E-09	1.24E-09	2.55E-10	1.50E-09
8351	625198.87	4266502.67	8.08E-09	2.78E-09	1.09E-08	6.75E-09	2.08E-09	8.84E-09	1.60E-09	5.32E-10	2.13E-09	1.25E-09	2.56E-10	1.50E-09
8352	625185.82	4266515.28	8.29E-09	2.85E-09	1.11E-08	6.93E-09	2.14E-09	9.07E-09	1.64E-09	5.46E-10	2.19E-09	1.28E-09	2.63E-10	1.54E-09
8353	625176.68	4266518.88	8.47E-09	2.91E-09	1.14E-08	7.08E-09	2.18E-09	9.26E-09	1.68E-09	5.58E-10	2.24E-09	1.31E-09	2.69E-10	1.58E-09
8354	625167.54	4266522.47	8.65E-09	2.97E-09	1.16E-08	7.23E-09	2.23E-09	9.46E-09	1.71E-09	5.70E-10	2.28E-09	1.33E-09	2.75E-10	1.61E-09
8355	625158.4	4266526.07	8.83E-09	3.04E-09	1.19E-08	7.38E-09	2.27E-09	9.66E-09	1.75E-09	5.82E-10	2.33E-09	1.36E-09	2.80E-10	1.64E-09
8356	625149.27	4266529.67	9.01E-09	3.10E-09	1.21E-08	7.53E-09	2.32E-09	9.85E-09	1.78E-09	5.94E-10	2.38E-09	1.39E-09	2.86E-10	1.68E-09
8357	625140.13	4266533.27	9.19E-09	3.16E-09	1.24E-08	7.68E-09	2.37E-09	1.00E-08	1.82E-09	6.06E-10	2.42E-09	1.42E-09	2.92E-10	1.71E-09
8358	625130.99	4266536.87	9.37E-09	3.22E-09	1.26E-08	7.83E-09	2.41E-09	1.02E-08	1.85E-09	6.17E-10	2.47E-09	1.45E-09	2.97E-10	1.74E-09
8359	625121.85	4266540.47	9.55E-09	3.28E-09	1.28E-08	7.98E-09	2.46E-09	1.04E-08	1.89E-09	6.29E-10	2.52E-09	1.47E-09	3.03E-10	1.78E-09
8360	625112.72	4266544.07	9.72E-09	3.34E-09	1.31E-08	8.13E-09	2.50E-09	1.06E-08	1.92E-09	6.41E-10	2.57E-09	1.50E-09	3.09E-10	1.81E-09
8361	625103.58	4266547.67	9.90E-09	3.40E-09	1.33E-08	8.27E-09	2.55E-09	1.08E-08	1.96E-09	6.52E-10	2.61E-09	1.53E-09	3.14E-10	1.84E-09
8362	625094.44	4266551.26	1.01E-08	3.46E-09	1.35E-08	8.41E-09	2.59E-09	1.10E-08	1.99E-09	6.63E-10	2.66E-09	1.55E-09	3.19E-10	1.87E-09
8363	625085.3	4266554.86	1.02E-08	3.52E-09	1.38E-08	8.55E-09	2.63E-09	1.12E-08	2.03E-09	6.74E-10	2.70E-09	1.58E-09	3.25E-10	1.90E-09
8364	625076.17	4266558.46	1.04E-08	3.57E-09	1.40E-08	8.69E-09	2.68E-09	1.14E-08	2.06E-09	6.85E-10	2.74E-09	1.60E-09	3.30E-10	1.93E-09
8365	625067.03	4266562.06	1.06E-08	3.63E-09	1.42E-08	8.82E-09	2.72E-09	1.15E-08	2.09E-09	6.95E-10	2.78E-09	1.63E-09	3.35E-10	1.96E-09
8366	625057.89	4266565.66	1.07E-08	3.68E-09	1.44E-08	8.95E-09	2.76E-09	1.17E-08	2.12E-09	7.06E-10	2.83E-09	1.65E-09	3.40E-10	1.99E-09
8367	625048.75	4266569.26	1.09E-08	3.73E-09	1.46E-08	9.08E-09	2.80E-09	1.19E-08	2.15E-09	7.15E-10	2.86E-09	1.68E-09	3.45E-10	2.02E-09
8368	625039.62	4266572.86	1.10E-08	3.78E-09	1.48E-08	9.20E-09	2.83E-09	1.20E-08	2.18E-09	7.25E-10	2.90E-09	1.70E-09	3.49E-10	2.05E-09
8369	625030.48	4266576.46	1.11E-08	3.83E-09	1.50E-08	9.31E-09	2.87E-09	1.22E-08	2.21E-09	7.34E-10	2.94E-09	1.72E-09	3.54E-10	2.07E-09
8370	625021.34	4266580.05	1.13E-08	3.88E-09	1.52E-08	9.43E-09	2.90E-09	1.23E-08	2.23E-09	7.43E-10	2.97E-09	1.74E-09	3.58E-10	2.10E-09
8371	625012.2	4266583.65	1.14E-08	3.92E-09	1.53E-08	9.53E-09	2.94E-09	1.25E-08	2.26E-09	7.51E-10	3.01E-09	1.76E-09	3.62E-10	2.12E-09
8372	625003.07	4266587.25	1.15E-08	3.96E-09	1.55E-08	9.63E-09	2.97E-09	1.26E-08	2.28E-09	7.59E-10	3.04E-09	1.78E-09	3.66E-10	2.14E-09
8373	624993.93	4266590.85	1.16E-08	4.00E-09	1.56E-08	9.72E-09	2.99E-09	1.27E-08	2.30E-09	7.66E-10	3.07E-09	1.79E-09	3.69E-10	2.16E-09
8374	624984.79	4266594.45	1.17E-08	4.03E-09	1.58E-08	9.81E-09	3.02E-09	1.28E-08	2.32E-09	7.73E-10	3.10E-09	1.81E-09	3.72E-10	2.18E-09
8375	624975.65	4266598.05	1.18E-08	4.07E-09	1.59E-08	9.88E-09	3.04E-09	1.29E-08	2.34E-09	7.79E-10	3.12E-09	1.82E-09	3.75E-10	2.20E-09
8376	624966.52	4266601.65	1.19E-08	4.09E-09	1.60E-08	9.95E-09	3.07E-09	1.30E-08	2.36E-09	7.85E-10	3.14E-09	1.84E-09	3.78E-10	2.22E-09
8377	624957.38	4266605.25	1.20E-08	4.12E-09	1.61E-08	1.00E-08	3.08E-09	1.31E-08	2.37E-09	7.89E-10	3.16E-09	1.85E-09	3.80E-10	2.23E-09
8378	624948.24	4266608.84	1.20E-08	4.14E-09	1.62E-08	1.01E-08	3.10E-09	1.32E-08	2.38E-09	7.94E-10	3.18E-09	1.86E-09	3.82E-10	2.24E-09
8379	624939.1	4266612.44	1.21E-08	4.16E-09	1.63E-08	1.01E-08	3.12E-09	1.32E-08	2.40E-09	7.97E-10	3.19E-09	1.87E-09	3.84E-10	2.25E-09
8380	624929.97	4266616.04	1.21E-08	4.18E-09	1.63E-08	1.02E-08	3.13E-09	1.33E-08	2.40E-09	8.00E-10	3.20E-09	1.87E-09	3.86E-10	2.26E-09
8381	624920.83	4266619.64	1.22E-08	4.19E-09	1.64E-08	1.02E-08	3.14E-09	1.33E-08	2.41E-09	8.03E-10	3.21E-09	1.88E-09	3.87E-10	2.27E-09
8382	624911.69	4266623.24	1.22E-08	4.20E-09	1.64E-08	1.02E-08	3.14E-09	1.33E-08	2.42E-09	8.04E-10	3.22E-09	1.88E-09	3.87E-10	2.27E-09
8383	624902.55	4266626.84	1.22E-08	4.20E-09	1.64E-08	1.02E-08	3.15E-09	1.34E-08	2.42E-09	8.05E-10	3.23E-09	1.89E-09	3.88E-10	2.27E-09
8384	624893.42	4266630.44	1.22E-08	4.21E-09	1.64E-08	1.02E-08	3.15E-09	1.34E-08	2.42E-09	8.06E-10	3.23E-09	1.89E-09	3.88E-10	2.28E-09
8385	624884.28	4266634.04	1.22E-08	4.21E-09	1.64E-08	1.02E-08	3.15E-09	1.34E-08	2.42E-09	8.06E-10	3.23E-09	1.89E-09	3.88E-10	2.28E-09
8386	624875.14	4266637.64	1.22E-08	4.20E-09	1.64E-08	1.02E-08	3.15E-09	1.34E-08	2.42E-09	8.05E-10	3.22E-09	1.89E-09	3.88E-10	2.27E-09
8387	624866	4266641.23	1.22E-08	4.20E-09	1.64E-08	1.02E-08	3.14E-09	1.33E-08	2.42E-09	8.04E-10	3.22E-09	1.88E-09	3.87E-10	2.27E-09
8388	624856.87	4266644.83	1.22E-08	4.19E-09	1.64E-08	1.02E-08	3.14E-09	1.33E-08	2.41E-09	8.02E-10	3.21E-09	1.88E-09	3.86E-10	2.27E-09
8389	624847.73	4266648.43	1.21E-08	4.18E-09	1.63E-08	1.02E-08	3.13E-09	1.33E-08	2.40E-09	8.00E-10	3.20E-09	1.87E-09	3.86E-10	2.26E-09
8390	625347.62	4266150.41	6.45E-09	2.22E-09	8.67E-09	5.40E-09	1.66E-09	7.06E-09	1.28E-09	4.25E-10	1.70E-09	9.96E-10	2.05E-10	1.20E-09
8391	625347.78	4266140.47	6.45E-09	2.22E-09	8.67E-09	5.40E-09	1.66E-09	7.06E-09	1.28E-09	4.25E-10	1.70E-09	9.96E-10	2.05E-10	1.20E-09
8392	625347.94	4266130.54	6.46E-09	2.22E-09	8.68E-09	5.40E-09	1.66E-09	7.06E-09	1.28E-09	4.25E-10	1.70E-09	9.96E-10	2.05E-10	1.20E-09
8393	625348.11	4266120.61	6.46E-09	2.22E-09	8.68E-09	5.40E-09	1.66E-09	7.06E-09	1.28E-09	4.26E-10	1.70E-09	9.97E-10	2.05E-10	1.20E-09
8394	625348.27	4266110.67	6.47E-09	2.22E-09	8.69E-09	5.41E-09	1.67E-09	7.07E-09	1.28E-09	4.26E-10	1.71E-09	9.98E-10	2.05E-10	1.20E-09
8395	625348.43	4266100.74	6.48E-09	2.23E-09	8.70E-09	5.41E-09	1.67E-09	7.08E-09	1.28E-09	4.27E-10	1.71E-09	9.99E-10	2.06E-10	1.20E-09
8396	625348.6	4266090.81	6.48E-09	2.23E-09	8.71E-09	5.42E-09	1.67E-09	7.09E-09	1.28E-09	4.27E-10	1.71E-09	1.00E-09	2.06E-10	1.21E-09
8397	625348.76	4266080.87	6.49E-09	2.23E-09	8.73E-09	5.43E-09	1.67E-09	7.10E-09	1.29E-09	4.28E-10	1.71E-09	1.00E-09	2.06E-10	1.21E-09
8398	625348.92	4266070.94	6.51E-09	2.24E-09	8.74E-09	5.44E-09	1.67E-09	7.11E-09	1.29E-09	4.29E-10	1.72E-09	1.00E-09	2.06E-10	1.21E-09
8399	625349.09	4266061.01	6.52E-09	2.24E-09	8.76E-09	5.45E-09	1.68E-09	7.13E-09	1.29E-09	4.30E-10	1.72E-09	1.01E-09	2.07E-10	1.21E-09
8400	625349.25	4266051.07	6.54E-09	2.25E-09	8.79E-09	5.46E-09	1.68E-09	7.15E-09	1.29E-09	4.31E-10	1.72E-09	1.01E-09	2.07E-10	1.22E-09
8401	625349.41	4266041.14	6.56E-09	2.25E-09	8.81E-09	5.48E-09	1.69E-09	7.17E-09	1.30E-09	4.32E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
8402	625349.58	4266031.21	6.58E-09	2.26E-09	8.84E-09	5.50E-09	1.69E-09	7.19E-09	1.30E-09	4.33E-10	1.74E-09	1.01E-09	2.09E-10	1.22E-09
8403	625349.74	4266021.27	6.60E-09	2.27E-09	8.87E-09	5.52E-09	1.70E-09	7.22E-09	1.31E-09	4.35E-10	1.74E-09	1.02E-09	2.09E-10	1.23E-09
8404	625349.91	4266011.34	6.62E-09	2.28E-09	8.90E-09	5.54E-09	1.71E-09	7.24E-09	1.31E-09	4.36E-10	1.75E-09	1.02E-09	2.10E-10	1.23E-09
8405	625350.07	4266001.41	6.65E-09	2.29E-09	8.94E-09	5.56E-09	1.71E-09	7.27E-09	1.32E-09	4.38E-10	1.75E-09	1.03E-09	2.11E-10	1.24E-09
8406	625350.23	4265991.47	6.67E-09	2.30E-09	8.97E-09	5.58E-09	1.72E-09	7.30E-09	1.32E-09	4.40E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
8407	625350.4	4265981.54	6.70E-09	2.30E-09	9.00E-09	5.60E-09	1.72E-09	7.32E-09	1.33E-09	4.41E-10	1.77E-09	1.03E-09	2.13E-10	1.25E-09
8408	625350.56	4265971.61	6.72E-09	2.31E-09	9.03E-09	5.62E-09	1.73E-09	7.35E-09	1.33E-09	4.43E-10	1.77E-09	1.04E-09	2.13E-10	1.25E-09
8409	625350.72	4265961.67	6.74E-09	2.32E-09	9.06E-09	5.63E-09	1.74E-09	7.37E-09	1.33E-09	4.44E-10	1.78E-09	1.04E-09	2.14E-10	1.25E-09
8410	625350.89	4265951.74	6.76E-09	2.32E-09	9.09E-09	5.65E-09	1.74E-09	7.39E-09	1.34E-09	4.45E-10	1.78E-09	1.04E-09	2.15E-10	1.26E-09
8411	625351.05	4265941.81	6.78E-09	2.33E-09	9.11E-09	5.67E-09	1.75E-09	7.41E-09	1.34E-09	4.47E-10	1.79E-09	1.05E-09	2.15E-10	1.26E-09
8412	625351.21	4265931.87	6.80E-09	2.34E-09	9.13E-09	5.68E-09	1.75E-09	7.43E-09	1.35E-09	4.48E-10	1.79E-09	1.05E-09	2.16E-10	1.26E-09
8413	625351.38	4265921.94	6.81E-09	2.34E-09	9.15E-09	5.69E-09	1.75E-09	7.45E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
8414	625351.54	4265912.01	6.82E-09	2.35E-09	9.17E-09	5.70E-09	1.76E-09	7.46E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09

8415	625351.7	4265902.07	6.83E-09	2.35E-09	9.18E-09	5.71E-09	1.76E-09	7.47E-09	1.35E-09	4.50E-10	1.80E-09	1.05E-09	2.17E-10	1.27E-09
8416	625351.87	4265892.14	6.84E-09	2.35E-09	9.19E-09	5.72E-09	1.76E-09	7.48E-09	1.35E-09	4.51E-10	1.80E-09	1.06E-09	2.17E-10	1.27E-09
8417	625352.03	4265882.21	6.85E-09	2.35E-09	9.20E-09	5.72E-09	1.76E-09	7.48E-09	1.35E-09	4.51E-10	1.81E-09	1.06E-09	2.17E-10	1.27E-09
8418	625352.19	4265872.27	6.85E-09	2.36E-09	9.20E-09	5.72E-09	1.76E-09	7.49E-09	1.36E-09	4.51E-10	1.81E-09	1.06E-09	2.17E-10	1.27E-09
8419	625352.36	4265862.34	6.85E-09	2.36E-09	9.21E-09	5.73E-09	1.76E-09	7.49E-09	1.36E-09	4.51E-10	1.81E-09	1.06E-09	2.17E-10	1.27E-09
8420	625352.52	4265852.41	6.85E-09	2.36E-09	9.21E-09	5.73E-09	1.76E-09	7.49E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
8421	625352.69	4265842.47	6.85E-09	2.36E-09	9.21E-09	5.73E-09	1.76E-09	7.49E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
8422	625352.85	4265832.54	6.86E-09	2.36E-09	9.21E-09	5.73E-09	1.77E-09	7.50E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
8423	625353.01	4265822.61	6.86E-09	2.36E-09	9.22E-09	5.73E-09	1.77E-09	7.50E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
8424	625353.18	4265812.67	6.87E-09	2.36E-09	9.23E-09	5.74E-09	1.77E-09	7.51E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
8425	625353.34	4265802.74	6.87E-09	2.36E-09	9.24E-09	5.75E-09	1.77E-09	7.51E-09	1.36E-09	4.53E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
8426	625353.5	4265792.81	6.88E-09	2.37E-09	9.25E-09	5.75E-09	1.77E-09	7.53E-09	1.36E-09	4.54E-10	1.82E-09	1.06E-09	2.18E-10	1.28E-09
8427	625353.67	4265782.87	6.90E-09	2.37E-09	9.27E-09	5.77E-09	1.78E-09	7.54E-09	1.37E-09	4.55E-10	1.82E-09	1.06E-09	2.19E-10	1.28E-09
8428	625353.83	4265772.94	6.92E-09	2.38E-09	9.30E-09	5.78E-09	1.78E-09	7.57E-09	1.37E-09	4.56E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
8429	625353.99	4265763.01	6.94E-09	2.39E-09	9.33E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
8430	625354.16	4265753.07	6.97E-09	2.40E-09	9.37E-09	5.83E-09	1.79E-09	7.62E-09	1.38E-09	4.59E-10	1.84E-09	1.08E-09	2.21E-10	1.30E-09
8431	625354.32	4265743.14	7.00E-09	2.41E-09	9.41E-09	5.85E-09	1.80E-09	7.65E-09	1.39E-09	4.61E-10	1.85E-09	1.08E-09	2.22E-10	1.30E-09
8432	625354.48	4265733.21	7.04E-09	2.42E-09	9.45E-09	5.88E-09	1.81E-09	7.69E-09	1.39E-09	4.64E-10	1.86E-09	1.09E-09	2.23E-10	1.31E-09
8433	625354.65	4265723.27	7.07E-09	2.43E-09	9.50E-09	5.91E-09	1.82E-09	7.73E-09	1.40E-09	4.66E-10	1.87E-09	1.09E-09	2.24E-10	1.32E-09
8434	625354.81	4265713.34	7.11E-09	2.44E-09	9.55E-09	5.94E-09	1.83E-09	7.77E-09	1.41E-09	4.68E-10	1.88E-09	1.10E-09	2.26E-10	1.32E-09
8435	625354.98	4265703.41	7.15E-09	2.46E-09	9.61E-09	5.97E-09	1.84E-09	7.81E-09	1.41E-09	4.71E-10	1.89E-09	1.10E-09	2.27E-10	1.33E-09
8436	625355.14	4265693.47	7.19E-09	2.47E-09	9.66E-09	6.01E-09	1.85E-09	7.86E-09	1.42E-09	4.74E-10	1.90E-09	1.11E-09	2.28E-10	1.34E-09
8437	625355.3	4265683.54	7.22E-09	2.48E-09	9.71E-09	6.04E-09	1.86E-09	7.90E-09	1.43E-09	4.76E-10	1.91E-09	1.11E-09	2.29E-10	1.34E-09
8438	625385.74	4266188.13	5.92E-09	2.04E-09	7.96E-09	4.95E-09	1.53E-09	6.48E-09	1.17E-09	3.90E-10	1.56E-09	9.14E-10	1.88E-10	1.10E-09
8439	625381.84	4266197.11	5.96E-09	2.05E-09	8.02E-09	4.99E-09	1.54E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
8440	625377.94	4266206.1	6.00E-09	2.06E-09	8.06E-09	5.02E-09	1.54E-09	6.56E-09	1.19E-09	3.95E-10	1.58E-09	9.26E-10	1.90E-10	1.12E-09
8441	625374.04	4266215.09	6.03E-09	2.07E-09	8.11E-09	5.04E-09	1.55E-09	6.60E-09	1.19E-09	3.98E-10	1.59E-09	9.31E-10	1.91E-10	1.12E-09
8442	625370.14	4266224.08	6.06E-09	2.09E-09	8.15E-09	5.07E-09	1.56E-09	6.63E-09	1.20E-09	4.00E-10	1.60E-09	9.36E-10	1.92E-10	1.13E-09
8443	625366.24	4266233.07	6.09E-09	2.10E-09	8.19E-09	5.09E-09	1.57E-09	6.66E-09	1.21E-09	4.02E-10	1.61E-09	9.40E-10	1.93E-10	1.13E-09
8444	625362.34	4266242.05	6.12E-09	2.10E-09	8.23E-09	5.12E-09	1.58E-09	6.69E-09	1.21E-09	4.03E-10	1.61E-09	9.44E-10	1.94E-10	1.14E-09
8445	625358.43	4266251.04	6.14E-09	2.11E-09	8.26E-09	5.14E-09	1.58E-09	6.72E-09	1.22E-09	4.05E-10	1.62E-09	9.48E-10	1.95E-10	1.14E-09
8446	625354.53	4266260.03	6.16E-09	2.12E-09	8.28E-09	5.15E-09	1.59E-09	6.74E-09	1.22E-09	4.06E-10	1.63E-09	9.51E-10	1.96E-10	1.15E-09
8447	625350.63	4266269.02	6.18E-09	2.13E-09	8.31E-09	5.17E-09	1.59E-09	6.76E-09	1.22E-09	4.07E-10	1.63E-09	9.54E-10	1.96E-10	1.15E-09
8448	625346.73	4266278	6.19E-09	2.13E-09	8.32E-09	5.18E-09	1.59E-09	6.77E-09	1.23E-09	4.08E-10	1.63E-09	9.56E-10	1.97E-10	1.15E-09
8449	625342.83	4266286.99	6.21E-09	2.13E-09	8.34E-09	5.19E-09	1.60E-09	6.79E-09	1.23E-09	4.09E-10	1.64E-09	9.58E-10	1.97E-10	1.15E-09
8450	625307.72	4266367.88	6.42E-09	2.21E-09	8.62E-09	5.36E-09	1.65E-09	7.01E-09	1.27E-09	4.23E-10	1.69E-09	9.90E-10	2.04E-10	1.19E-09
8451	625303.82	4266376.87	6.45E-09	2.22E-09	8.67E-09	5.39E-09	1.66E-09	7.05E-09	1.28E-09	4.25E-10	1.70E-09	9.96E-10	2.05E-10	1.20E-09
8452	625299.92	4266385.86	6.49E-09	2.23E-09	8.72E-09	5.43E-09	1.67E-09	7.10E-09	1.28E-09	4.28E-10	1.71E-09	1.00E-09	2.06E-10	1.21E-09
8453	625296.02	4266394.84	6.53E-09	2.25E-09	8.78E-09	5.46E-09	1.68E-09	7.14E-09	1.29E-09	4.30E-10	1.72E-09	1.01E-09	2.07E-10	1.22E-09
8454	625292.12	4266403.83	6.58E-09	2.26E-09	8.84E-09	5.50E-09	1.69E-09	7.19E-09	1.30E-09	4.33E-10	1.74E-09	1.01E-09	2.09E-10	1.22E-09
8455	625288.21	4266412.82	6.62E-09	2.28E-09	8.90E-09	5.54E-09	1.71E-09	7.24E-09	1.31E-09	4.36E-10	1.75E-09	1.02E-09	2.10E-10	1.23E-09
8456	625284.31	4266421.81	6.67E-09	2.29E-09	8.96E-09	5.57E-09	1.72E-09	7.29E-09	1.32E-09	4.39E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
8457	625280.41	4266430.79	6.72E-09	2.31E-09	9.03E-09	5.61E-09	1.73E-09	7.34E-09	1.33E-09	4.43E-10	1.77E-09	1.04E-09	2.13E-10	1.25E-09
8458	625276.51	4266439.78	6.77E-09	2.33E-09	9.09E-09	5.66E-09	1.74E-09	7.40E-09	1.34E-09	4.46E-10	1.78E-09	1.04E-09	2.15E-10	1.26E-09
8459	625272.61	4266448.77	6.81E-09	2.34E-09	9.16E-09	5.70E-09	1.75E-09	7.45E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
8460	625268.71	4266457.76	6.86E-09	2.36E-09	9.22E-09	5.74E-09	1.77E-09	7.50E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
8461	625264.81	4266466.75	6.91E-09	2.38E-09	9.29E-09	5.78E-09	1.78E-09	7.56E-09	1.37E-09	4.55E-10	1.82E-09	1.07E-09	2.19E-10	1.29E-09
8462	625260.91	4266475.73	6.96E-09	2.39E-09	9.35E-09	5.82E-09	1.79E-09	7.61E-09	1.38E-09	4.58E-10	1.84E-09	1.07E-09	2.21E-10	1.29E-09
8463	625257.01	4266484.72	7.00E-09	2.41E-09	9.41E-09	5.85E-09	1.80E-09	7.66E-09	1.39E-09	4.61E-10	1.85E-09	1.08E-09	2.22E-10	1.30E-09
8464	625253.11	4266493.71	7.05E-09	2.42E-09	9.47E-09	5.89E-09	1.81E-09	7.71E-09	1.40E-09	4.64E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
8465	625249.2	4266502.7	7.09E-09	2.44E-09	9.53E-09	5.93E-09	1.83E-09	7.75E-09	1.40E-09	4.67E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
8466	625245.3	4266511.68	7.13E-09	2.45E-09	9.59E-09	5.96E-09	1.84E-09	7.80E-09	1.41E-09	4.70E-10	1.88E-09	1.10E-09	2.26E-10	1.33E-09
8467	625241.4	4266520.67	7.17E-09	2.47E-09	9.64E-09	5.99E-09	1.85E-09	7.84E-09	1.42E-09	4.72E-10	1.89E-09	1.11E-09	2.28E-10	1.33E-09
8468	625237.5	4266529.66	7.21E-09	2.48E-09	9.69E-09	6.02E-09	1.86E-09	7.88E-09	1.43E-09	4.75E-10	1.90E-09	1.11E-09	2.29E-10	1.34E-09
8469	625233.6	4266538.65	7.24E-09	2.49E-09	9.73E-09	6.05E-09	1.86E-09	7.92E-09	1.43E-09	4.77E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
8470	625220.58	4266551.22	7.42E-09	2.55E-09	9.97E-09	6.20E-09	1.91E-09	8.11E-09	1.47E-09	4.89E-10	1.96E-09	1.15E-09	2.36E-10	1.38E-09
8471	625211.47	4266554.82	7.57E-09	2.60E-09	1.02E-08	6.33E-09	1.95E-09	8.28E-09	1.50E-09	4.99E-10	2.00E-09	1.17E-09	2.40E-10	1.41E-09
8472	625202.35	4266558.41	7.72E-09	2.65E-09	1.04E-08	6.45E-09	1.99E-09	8.44E-09	1.53E-09	5.09E-10	2.04E-09	1.19E-09	2.45E-10	1.44E-09
8473	625193.23	4266562	7.87E-09	2.71E-09	1.06E-08	6.58E-09	2.03E-09	8.60E-09	1.56E-09	5.18E-10	2.08E-09	1.21E-09	2.50E-10	1.46E-09
8474	625184.12	4266565.59	8.02E-09	2.76E-09	1.08E-08	6.70E-09	2.06E-09	8.77E-09	1.59E-09	5.28E-10	2.12E-09	1.24E-09	2.55E-10	1.49E-09
8475	625175	4266569.18	8.17E-09	2.81E-09	1.10E-08	6.83E-09	2.10E-09	8.93E-09	1.62E-09	5.38E-10	2.16E-09	1.26E-09	2.59E-10	1.52E-09
8476	625165.88	4266572.77	8.32E-09	2.86E-09	1.12E-08	6.95E-09	2.14E-09	9.10E-09	1.65E-09	5.48E-10	2.20E-09	1.28E-09	2.64E-10	1.55E-09
8477	625156.77	4266576.36	8.47E-09	2.91E-09	1.14E-08	7.08E-09	2.18E-09	9.26E-09	1.68E-09	5.58E-10	2.23E-09	1.31E-09	2.69E-10	1.58E-09
8478	625147.65	4266579.95	8.62E-09	2.96E-09	1.16E-08	7.20E-09	2.22E-09	9.42E-09	1.71E-09	5.68E-10	2.27E-09	1.33E-09	2.73E-10	1.60E-09
8479	625138.54	4266583.54	8.76E-09	3.01E-09	1.18E-08	7.32E-09	2.26E-09	9.58E-09	1.73E-09	5.77E-10	2.31E-09	1.35E-09	2.78E-10	1.63E-09
8480	625129.42	4266587.13	8.91E-09	3.06E-09	1.20E-08	7.44E-09	2.29E-09	9.74E-09	1.76E-09	5.87E-10	2.35E-09	1.37E-09	2.83E-10	1.66E-09
8481	625120.3	4266590.72	9.05E-09	3.11E-09	1.22E-08	7.56E-09	2.33E-09	9.89E-09	1.79E-09	5.96E-10	2.39E-09	1.40E-09	2.87E-10	1.68E-09
8482	625111.19	4266594.31	9.19E-09	3.16E-09	1.23E-08	7.68E-09	2.36E-09	1.00E-08	1.82E-09	6.05E-10	2.42E-09	1.42E-09	2.92E-10	1.71E-09
8483	625102.07	4266597.9	9.32E-09	3.21E-09	1.25E-08	7.79E-09	2.40E-09	1.02E-08	1.84E-09	6.14E-10	2.46E-09	1.44E-09	2.96E-10	1.73E-09

8484	625092.95	4266601.49	9.45E-09	3.25E-09	1.27E-08	7.90E-09	2.43E-09	1.03E-08	1.87E-09	6.23E-10	2.49E-09	1.46E-09	3.00E-10	1.76E-09
8485	625083.84	4266605.08	9.58E-09	3.30E-09	1.29E-08	8.01E-09	2.47E-09	1.05E-08	1.90E-09	6.31E-10	2.53E-09	1.48E-09	3.04E-10	1.78E-09
8486	625074.72	4266608.67	9.71E-09	3.34E-09	1.30E-08	8.11E-09	2.50E-09	1.06E-08	1.92E-09	6.40E-10	2.56E-09	1.50E-09	3.08E-10	1.81E-09
8487	625065.61	4266612.26	9.83E-09	3.38E-09	1.32E-08	8.22E-09	2.53E-09	1.07E-08	1.95E-09	6.48E-10	2.59E-09	1.52E-09	3.12E-10	1.83E-09
8488	625056.49	4266615.85	9.95E-09	3.42E-09	1.34E-08	8.31E-09	2.56E-09	1.09E-08	1.97E-09	6.55E-10	2.62E-09	1.53E-09	3.16E-10	1.85E-09
8489	625047.37	4266619.44	1.01E-08	3.46E-09	1.35E-08	8.41E-09	2.59E-09	1.10E-08	1.99E-09	6.63E-10	2.65E-09	1.55E-09	3.19E-10	1.87E-09
8490	625038.26	4266623.03	1.02E-08	3.50E-09	1.37E-08	8.50E-09	2.62E-09	1.11E-08	2.01E-09	6.70E-10	2.68E-09	1.57E-09	3.23E-10	1.89E-09
8491	625029.14	4266626.62	1.03E-08	3.53E-09	1.38E-08	8.58E-09	2.64E-09	1.12E-08	2.03E-09	6.76E-10	2.71E-09	1.58E-09	3.26E-10	1.91E-09
8492	625020.02	4266630.21	1.04E-08	3.56E-09	1.39E-08	8.66E-09	2.67E-09	1.13E-08	2.05E-09	6.83E-10	2.73E-09	1.60E-09	3.29E-10	1.93E-09
8493	625010.91	4266633.8	1.04E-08	3.59E-09	1.40E-08	8.73E-09	2.69E-09	1.14E-08	2.07E-09	6.88E-10	2.76E-09	1.61E-09	3.32E-10	1.94E-09
8494	625001.79	4266637.39	1.05E-08	3.62E-09	1.41E-08	8.80E-09	2.71E-09	1.15E-08	2.08E-09	6.94E-10	2.78E-09	1.62E-09	3.34E-10	1.96E-09
8495	624992.68	4266640.99	1.06E-08	3.65E-09	1.42E-08	8.86E-09	2.73E-09	1.16E-08	2.10E-09	6.98E-10	2.80E-09	1.64E-09	3.36E-10	1.97E-09
8496	624983.56	4266644.58	1.07E-08	3.67E-09	1.43E-08	8.92E-09	2.75E-09	1.17E-08	2.11E-09	7.03E-10	2.81E-09	1.65E-09	3.39E-10	1.98E-09
8497	624974.44	4266648.17	1.07E-08	3.69E-09	1.44E-08	8.97E-09	2.76E-09	1.17E-08	2.12E-09	7.07E-10	2.83E-09	1.66E-09	3.40E-10	2.00E-09
8498	624965.33	4266651.76	1.08E-08	3.71E-09	1.45E-08	9.01E-09	2.78E-09	1.18E-08	2.13E-09	7.10E-10	2.84E-09	1.66E-09	3.42E-10	2.01E-09
8499	624956.21	4266655.35	1.08E-08	3.72E-09	1.45E-08	9.05E-09	2.79E-09	1.18E-08	2.14E-09	7.13E-10	2.86E-09	1.67E-09	3.44E-10	2.01E-09
8500	624947.09	4266658.94	1.09E-08	3.74E-09	1.46E-08	9.08E-09	2.80E-09	1.19E-08	2.15E-09	7.16E-10	2.87E-09	1.68E-09	3.45E-10	2.02E-09
8501	624937.98	4266662.53	1.09E-08	3.75E-09	1.46E-08	9.10E-09	2.80E-09	1.19E-08	2.16E-09	7.18E-10	2.87E-09	1.68E-09	3.46E-10	2.03E-09
8502	624928.86	4266666.12	1.09E-08	3.75E-09	1.47E-08	9.12E-09	2.81E-09	1.19E-08	2.16E-09	7.19E-10	2.88E-09	1.68E-09	3.46E-10	2.03E-09
8503	624919.75	4266669.71	1.09E-08	3.76E-09	1.47E-08	9.13E-09	2.81E-09	1.19E-08	2.16E-09	7.20E-10	2.88E-09	1.69E-09	3.47E-10	2.03E-09
8504	624910.63	4266673.3	1.09E-08	3.76E-09	1.47E-08	9.14E-09	2.82E-09	1.20E-08	2.16E-09	7.20E-10	2.88E-09	1.69E-09	3.47E-10	2.03E-09
8505	624901.51	4266676.89	1.09E-08	3.76E-09	1.47E-08	9.14E-09	2.82E-09	1.20E-08	2.16E-09	7.20E-10	2.88E-09	1.69E-09	3.47E-10	2.03E-09
8506	624892.4	4266680.48	1.09E-08	3.76E-09	1.47E-08	9.13E-09	2.81E-09	1.19E-08	2.16E-09	7.20E-10	2.88E-09	1.69E-09	3.47E-10	2.03E-09
8507	624883.28	4266684.07	1.09E-08	3.75E-09	1.47E-08	9.12E-09	2.81E-09	1.19E-08	2.16E-09	7.19E-10	2.88E-09	1.68E-09	3.46E-10	2.03E-09
8508	624874.16	4266687.66	1.09E-08	3.75E-09	1.46E-08	9.10E-09	2.80E-09	1.19E-08	2.16E-09	7.18E-10	2.87E-09	1.68E-09	3.46E-10	2.03E-09
8509	624865.05	4266691.25	1.09E-08	3.74E-09	1.46E-08	9.08E-09	2.80E-09	1.19E-08	2.15E-09	7.16E-10	2.87E-09	1.68E-09	3.45E-10	2.02E-09
8510	624855.93	4266694.84	1.08E-08	3.73E-09	1.46E-08	9.06E-09	2.79E-09	1.18E-08	2.14E-09	7.14E-10	2.86E-09	1.67E-09	3.44E-10	2.02E-09
8511	624846.82	4266698.43	1.08E-08	3.71E-09	1.45E-08	9.03E-09	2.78E-09	1.18E-08	2.14E-09	7.11E-10	2.85E-09	1.67E-09	3.43E-10	2.01E-09
8512	625397.61	4266151.23	5.80E-09	1.99E-09	7.79E-09	4.84E-09	1.49E-09	6.34E-09	1.15E-09	3.82E-10	1.53E-09	8.94E-10	1.84E-10	1.08E-09
8513	625397.77	4266141.3	5.80E-09	1.99E-09	7.79E-09	4.85E-09	1.49E-09	6.34E-09	1.15E-09	3.82E-10	1.53E-09	8.95E-10	1.84E-10	1.08E-09
8514	625397.94	4266131.36	5.80E-09	1.99E-09	7.79E-09	4.85E-09	1.49E-09	6.34E-09	1.15E-09	3.82E-10	1.53E-09	8.95E-10	1.84E-10	1.08E-09
8515	625398.1	4266121.43	5.80E-09	1.99E-09	7.79E-09	4.85E-09	1.49E-09	6.34E-09	1.15E-09	3.82E-10	1.53E-09	8.95E-10	1.84E-10	1.08E-09
8516	625398.26	4266111.5	5.80E-09	2.00E-09	7.80E-09	4.85E-09	1.49E-09	6.34E-09	1.15E-09	3.82E-10	1.53E-09	8.95E-10	1.84E-10	1.08E-09
8517	625398.43	4266101.56	5.80E-09	2.00E-09	7.80E-09	4.85E-09	1.49E-09	6.35E-09	1.15E-09	3.82E-10	1.53E-09	8.96E-10	1.84E-10	1.08E-09
8518	625398.59	4266091.63	5.81E-09	2.00E-09	7.81E-09	4.86E-09	1.50E-09	6.35E-09	1.15E-09	3.83E-10	1.53E-09	8.96E-10	1.84E-10	1.08E-09
8519	625398.75	4266081.7	5.82E-09	2.00E-09	7.82E-09	4.86E-09	1.50E-09	6.36E-09	1.15E-09	3.83E-10	1.53E-09	8.97E-10	1.85E-10	1.08E-09
8520	625398.92	4266071.76	5.83E-09	2.00E-09	7.83E-09	4.87E-09	1.50E-09	6.37E-09	1.15E-09	3.84E-10	1.54E-09	8.99E-10	1.85E-10	1.08E-09
8521	625399.08	4266061.83	5.84E-09	2.01E-09	7.85E-09	4.88E-09	1.50E-09	6.38E-09	1.16E-09	3.85E-10	1.54E-09	9.01E-10	1.85E-10	1.09E-09
8522	625399.24	4266051.9	5.85E-09	2.01E-09	7.87E-09	4.89E-09	1.51E-09	6.40E-09	1.16E-09	3.86E-10	1.54E-09	9.03E-10	1.86E-10	1.09E-09
8523	625399.41	4266041.96	5.87E-09	2.02E-09	7.89E-09	4.90E-09	1.51E-09	6.42E-09	1.16E-09	3.87E-10	1.55E-09	9.05E-10	1.86E-10	1.09E-09
8524	625399.57	4266032.03	5.88E-09	2.02E-09	7.91E-09	4.92E-09	1.51E-09	6.43E-09	1.16E-09	3.88E-10	1.55E-09	9.08E-10	1.87E-10	1.09E-09
8525	625399.74	4266022.1	5.90E-09	2.03E-09	7.93E-09	4.93E-09	1.52E-09	6.45E-09	1.17E-09	3.89E-10	1.56E-09	9.10E-10	1.87E-10	1.10E-09
8526	625399.9	4266012.16	5.91E-09	2.03E-09	7.95E-09	4.94E-09	1.52E-09	6.47E-09	1.17E-09	3.90E-10	1.56E-09	9.13E-10	1.88E-10	1.10E-09
8527	625400.06	4266002.23	5.93E-09	2.04E-09	7.97E-09	4.96E-09	1.53E-09	6.48E-09	1.17E-09	3.91E-10	1.56E-09	9.15E-10	1.88E-10	1.10E-09
8528	625400.23	4265992.3	5.95E-09	2.04E-09	7.99E-09	4.97E-09	1.53E-09	6.50E-09	1.18E-09	3.92E-10	1.57E-09	9.18E-10	1.89E-10	1.11E-09
8529	625400.39	4265982.36	5.96E-09	2.05E-09	8.01E-09	4.98E-09	1.54E-09	6.52E-09	1.18E-09	3.93E-10	1.57E-09	9.20E-10	1.89E-10	1.11E-09
8530	625400.55	4265972.43	5.98E-09	2.06E-09	8.03E-09	5.00E-09	1.54E-09	6.54E-09	1.18E-09	3.94E-10	1.58E-09	9.22E-10	1.90E-10	1.11E-09
8531	625400.72	4265962.5	5.99E-09	2.06E-09	8.05E-09	5.01E-09	1.54E-09	6.55E-09	1.19E-09	3.95E-10	1.58E-09	9.24E-10	1.90E-10	1.11E-09
8532	625400.88	4265952.56	6.00E-09	2.06E-09	8.07E-09	5.02E-09	1.55E-09	6.56E-09	1.19E-09	3.96E-10	1.58E-09	9.26E-10	1.91E-10	1.12E-09
8533	625401.04	4265942.63	6.01E-09	2.07E-09	8.08E-09	5.03E-09	1.55E-09	6.58E-09	1.19E-09	3.96E-10	1.59E-09	9.28E-10	1.91E-10	1.12E-09
8534	625401.21	4265932.7	6.02E-09	2.07E-09	8.09E-09	5.03E-09	1.55E-09	6.59E-09	1.19E-09	3.97E-10	1.59E-09	9.29E-10	1.91E-10	1.12E-09
8535	625401.37	4265922.76	6.03E-09	2.07E-09	8.10E-09	5.04E-09	1.55E-09	6.59E-09	1.19E-09	3.97E-10	1.59E-09	9.31E-10	1.91E-10	1.12E-09
8536	625401.53	4265912.83	6.04E-09	2.08E-09	8.11E-09	5.05E-09	1.55E-09	6.60E-09	1.19E-09	3.98E-10	1.59E-09	9.31E-10	1.92E-10	1.12E-09
8537	625401.7	4265902.9	6.04E-09	2.08E-09	8.12E-09	5.05E-09	1.56E-09	6.60E-09	1.20E-09	3.98E-10	1.59E-09	9.32E-10	1.92E-10	1.12E-09
8538	625401.86	4265892.96	6.04E-09	2.08E-09	8.12E-09	5.05E-09	1.56E-09	6.61E-09	1.20E-09	3.98E-10	1.59E-09	9.32E-10	1.92E-10	1.12E-09
8539	625402.02	4265883.03	6.05E-09	2.08E-09	8.12E-09	5.05E-09	1.56E-09	6.61E-09	1.20E-09	3.98E-10	1.59E-09	9.33E-10	1.92E-10	1.12E-09
8540	625402.19	4265873.1	6.05E-09	2.08E-09	8.13E-09	5.05E-09	1.56E-09	6.61E-09	1.20E-09	3.98E-10	1.60E-09	9.33E-10	1.92E-10	1.12E-09
8541	625402.35	4265863.16	6.05E-09	2.08E-09	8.13E-09	5.05E-09	1.56E-09	6.61E-09	1.20E-09	3.98E-10	1.60E-09	9.33E-10	1.92E-10	1.13E-09
8542	625402.52	4265853.23	6.05E-09	2.08E-09	8.13E-09	5.05E-09	1.56E-09	6.61E-09	1.20E-09	3.98E-10	1.60E-09	9.33E-10	1.92E-10	1.12E-09
8543	625402.68	4265843.3	6.05E-09	2.08E-09	8.13E-09	5.05E-09	1.56E-09	6.61E-09	1.20E-09	3.98E-10	1.60E-09	9.33E-10	1.92E-10	1.12E-09
8544	625402.84	4265833.36	6.05E-09	2.08E-09	8.13E-09	5.05E-09	1.56E-09	6.61E-09	1.20E-09	3.98E-10	1.60E-09	9.33E-10	1.92E-10	1.12E-09
8545	625403.01	4265823.43	6.05E-09	2.08E-09	8.13E-09	5.06E-09	1.56E-09	6.61E-09	1.20E-09	3.99E-10	1.60E-09	9.33E-10	1.92E-10	1.13E-09
8546	625403.17	4265813.5	6.06E-09	2.08E-09	8.14E-09	5.06E-09	1.56E-09	6.62E-09	1.20E-09	3.99E-10	1.60E-09	9.34E-10	1.92E-10	1.13E-09
8547	625403.33	4265803.56	6.06E-09	2.09E-09	8.15E-09	5.07E-09	1.56E-09	6.63E-09	1.20E-09	3.99E-10	1.60E-09	9.36E-10	1.92E-10	1.13E-09
8548	625403.5	4265793.63	6.08E-09	2.09E-09	8.16E-09	5.08E-09	1.56E-09	6.64E-09	1.20E-09	4.00E-10	1.60E-09	9.37E-10	1.93E-10	1.13E-09
8549	625403.66	4265783.7	6.09E-09	2.09E-09	8.19E-09	5.09E-09	1.57E-09	6.66E-09	1.21E-09	4.01E-10	1.61E-09	9.40E-10	1.93E-10	1.13E-09
8550	625403.82	4265773.76	6.11E-09	2.10E-09	8.21E-09	5.11E-09	1.57E-09	6.68E-09	1.21E-09	4.03E-10	1.61E-09	9.43E-10	1.94E-10	1.14E-09
8551	625403.99	4265763.83	6.13E-09	2.11E-09	8.24E-09	5.13E-09	1.58E-09	6.71E-09	1.21E-09	4.04E-10	1.62E-09	9.46E-10	1.95E-10	1.14E-09
8552	625404.15	4265753.9	6.16E-09	2.12E-09	8.28E-09	5.15E-09	1.59E-09	6.73E-09	1.22E-09	4.06E-10	1.63E-09	9.50E-10	1.95E-10	1.15E-09

8553	625404.31	4265743.96	6.19E-09	2.13E-09	8.32E-09	5.17E-09	1.59E-09	6.77E-09	1.23E-09	4.08E-10	1.63E-09	9.55E-10	1.96E-10	1.15E-09
8554	625404.48	4265734.03	6.22E-09	2.14E-09	8.36E-09	5.20E-09	1.60E-09	6.80E-09	1.23E-09	4.10E-10	1.64E-09	9.60E-10	1.97E-10	1.16E-09
8555	625404.64	4265724.1	6.26E-09	2.15E-09	8.41E-09	5.23E-09	1.61E-09	6.84E-09	1.24E-09	4.12E-10	1.65E-09	9.65E-10	1.99E-10	1.16E-09
8556	625404.8	4265714.16	6.29E-09	2.16E-09	8.45E-09	5.26E-09	1.62E-09	6.88E-09	1.25E-09	4.14E-10	1.66E-09	9.71E-10	2.00E-10	1.17E-09
8557	625404.97	4265704.23	6.33E-09	2.18E-09	8.50E-09	5.29E-09	1.63E-09	6.92E-09	1.25E-09	4.17E-10	1.67E-09	9.76E-10	2.01E-10	1.18E-09
8558	625405.13	4265694.3	6.36E-09	2.19E-09	8.55E-09	5.32E-09	1.64E-09	6.96E-09	1.26E-09	4.19E-10	1.68E-09	9.82E-10	2.02E-10	1.18E-09
8559	625405.3	4265684.36	6.40E-09	2.20E-09	8.60E-09	5.35E-09	1.65E-09	7.00E-09	1.27E-09	4.22E-10	1.69E-09	9.87E-10	2.03E-10	1.19E-09
8560	625435.76	4266188.9	5.36E-09	1.84E-09	7.20E-09	4.48E-09	1.38E-09	5.86E-09	1.06E-09	3.53E-10	1.41E-09	8.27E-10	1.70E-10	9.97E-10
8561	625431.86	4266197.87	5.39E-09	1.85E-09	7.25E-09	4.51E-09	1.39E-09	5.90E-09	1.07E-09	3.55E-10	1.42E-09	8.32E-10	1.71E-10	1.00E-09
8562	625427.97	4266206.84	5.42E-09	1.87E-09	7.29E-09	4.53E-09	1.40E-09	5.93E-09	1.07E-09	3.57E-10	1.43E-09	8.37E-10	1.72E-10	1.01E-09
8563	625424.08	4266215.81	5.45E-09	1.88E-09	7.33E-09	4.56E-09	1.40E-09	5.96E-09	1.08E-09	3.59E-10	1.44E-09	8.41E-10	1.73E-10	1.01E-09
8564	625420.18	4266224.78	5.48E-09	1.88E-09	7.36E-09	4.58E-09	1.41E-09	5.99E-09	1.08E-09	3.61E-10	1.45E-09	8.45E-10	1.74E-10	1.02E-09
8565	625416.29	4266233.75	5.50E-09	1.89E-09	7.39E-09	4.60E-09	1.42E-09	6.01E-09	1.09E-09	3.62E-10	1.45E-09	8.49E-10	1.75E-10	1.02E-09
8566	625412.4	4266242.72	5.52E-09	1.90E-09	7.42E-09	4.61E-09	1.42E-09	6.03E-09	1.09E-09	3.64E-10	1.46E-09	8.52E-10	1.75E-10	1.03E-09
8567	625408.5	4266251.69	5.54E-09	1.90E-09	7.44E-09	4.63E-09	1.43E-09	6.05E-09	1.10E-09	3.65E-10	1.46E-09	8.54E-10	1.76E-10	1.03E-09
8568	625404.61	4266260.66	5.55E-09	1.91E-09	7.46E-09	4.64E-09	1.43E-09	6.07E-09	1.10E-09	3.66E-10	1.46E-09	8.57E-10	1.76E-10	1.03E-09
8569	625400.72	4266269.63	5.56E-09	1.91E-09	7.48E-09	4.65E-09	1.43E-09	6.08E-09	1.10E-09	3.67E-10	1.47E-09	8.59E-10	1.77E-10	1.04E-09
8570	625396.82	4266278.6	5.57E-09	1.92E-09	7.49E-09	4.66E-09	1.44E-09	6.09E-09	1.10E-09	3.67E-10	1.47E-09	8.60E-10	1.77E-10	1.04E-09
8571	625392.93	4266287.57	5.58E-09	1.92E-09	7.50E-09	4.67E-09	1.44E-09	6.10E-09	1.10E-09	3.68E-10	1.47E-09	8.61E-10	1.77E-10	1.04E-09
8572	625357.89	4266368.3	5.69E-09	1.96E-09	7.64E-09	4.75E-09	1.46E-09	6.22E-09	1.13E-09	3.75E-10	1.50E-09	8.77E-10	1.80E-10	1.06E-09
8573	625353.99	4266377.27	5.71E-09	1.96E-09	7.67E-09	4.77E-09	1.47E-09	6.24E-09	1.13E-09	3.76E-10	1.51E-09	8.81E-10	1.81E-10	1.06E-09
8574	625350.1	4266386.24	5.74E-09	1.97E-09	7.71E-09	4.80E-09	1.48E-09	6.27E-09	1.14E-09	3.78E-10	1.51E-09	8.85E-10	1.82E-10	1.07E-09
8575	625346.21	4266395.21	5.77E-09	1.98E-09	7.75E-09	4.82E-09	1.49E-09	6.31E-09	1.14E-09	3.80E-10	1.52E-09	8.90E-10	1.83E-10	1.07E-09
8576	625342.31	4266404.19	5.80E-09	1.99E-09	7.80E-09	4.85E-09	1.49E-09	6.34E-09	1.15E-09	3.82E-10	1.53E-09	8.95E-10	1.84E-10	1.08E-09
8577	625338.42	4266413.16	5.84E-09	2.01E-09	7.84E-09	4.88E-09	1.50E-09	6.38E-09	1.16E-09	3.85E-10	1.54E-09	9.01E-10	1.85E-10	1.09E-09
8578	625334.53	4266422.13	5.87E-09	2.02E-09	7.89E-09	4.91E-09	1.51E-09	6.42E-09	1.16E-09	3.87E-10	1.55E-09	9.06E-10	1.86E-10	1.09E-09
8579	625330.63	4266431.1	5.91E-09	2.03E-09	7.95E-09	4.94E-09	1.52E-09	6.46E-09	1.17E-09	3.90E-10	1.56E-09	9.12E-10	1.88E-10	1.10E-09
8580	625326.74	4266440.07	5.95E-09	2.05E-09	8.00E-09	4.98E-09	1.53E-09	6.51E-09	1.18E-09	3.92E-10	1.57E-09	9.19E-10	1.89E-10	1.11E-09
8581	625322.85	4266449.04	5.99E-09	2.06E-09	8.06E-09	5.01E-09	1.54E-09	6.55E-09	1.19E-09	3.95E-10	1.58E-09	9.25E-10	1.90E-10	1.12E-09
8582	625318.95	4266458.01	6.04E-09	2.08E-09	8.11E-09	5.05E-09	1.55E-09	6.60E-09	1.20E-09	3.98E-10	1.59E-09	9.32E-10	1.92E-10	1.12E-09
8583	625315.06	4266466.98	6.08E-09	2.09E-09	8.17E-09	5.08E-09	1.57E-09	6.65E-09	1.20E-09	4.01E-10	1.60E-09	9.38E-10	1.93E-10	1.13E-09
8584	625311.16	4266475.95	6.12E-09	2.11E-09	8.23E-09	5.12E-09	1.58E-09	6.70E-09	1.21E-09	4.03E-10	1.62E-09	9.45E-10	1.94E-10	1.14E-09
8585	625307.27	4266484.92	6.17E-09	2.12E-09	8.29E-09	5.15E-09	1.59E-09	6.74E-09	1.22E-09	4.06E-10	1.63E-09	9.52E-10	1.96E-10	1.15E-09
8586	625303.38	4266493.89	6.21E-09	2.14E-09	8.35E-09	5.19E-09	1.60E-09	6.79E-09	1.23E-09	4.09E-10	1.64E-09	9.58E-10	1.97E-10	1.16E-09
8587	625299.48	4266502.86	6.25E-09	2.15E-09	8.40E-09	5.23E-09	1.61E-09	6.84E-09	1.24E-09	4.12E-10	1.65E-09	9.65E-10	1.98E-10	1.16E-09
8588	625295.59	4266511.83	6.29E-09	2.16E-09	8.46E-09	5.26E-09	1.62E-09	6.88E-09	1.25E-09	4.15E-10	1.66E-09	9.71E-10	2.00E-10	1.17E-09
8589	625291.7	4266520.8	6.33E-09	2.18E-09	8.51E-09	5.29E-09	1.63E-09	6.92E-09	1.25E-09	4.17E-10	1.67E-09	9.77E-10	2.01E-10	1.18E-09
8590	625287.8	4266529.77	6.37E-09	2.19E-09	8.56E-09	5.33E-09	1.64E-09	6.97E-09	1.26E-09	4.20E-10	1.68E-09	9.83E-10	2.02E-10	1.19E-09
8591	625283.91	4266538.74	6.41E-09	2.20E-09	8.61E-09	5.36E-09	1.65E-09	7.01E-09	1.27E-09	4.22E-10	1.69E-09	9.89E-10	2.03E-10	1.19E-09
8592	625280.02	4266547.71	6.45E-09	2.22E-09	8.66E-09	5.39E-09	1.66E-09	7.05E-09	1.28E-09	4.25E-10	1.70E-09	9.95E-10	2.05E-10	1.20E-09
8593	625276.12	4266556.68	6.48E-09	2.23E-09	8.71E-09	5.42E-09	1.67E-09	7.08E-09	1.28E-09	4.27E-10	1.71E-09	1.00E-09	2.06E-10	1.21E-09
8594	625272.23	4266565.65	6.51E-09	2.24E-09	8.75E-09	5.44E-09	1.68E-09	7.12E-09	1.29E-09	4.29E-10	1.72E-09	1.00E-09	2.07E-10	1.21E-09
8595	625268.34	4266574.62	6.54E-09	2.25E-09	8.79E-09	5.47E-09	1.68E-09	7.15E-09	1.29E-09	4.31E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
8596	625255.34	4266587.17	6.69E-09	2.30E-09	8.99E-09	5.59E-09	1.72E-09	7.32E-09	1.32E-09	4.41E-10	1.77E-09	1.03E-09	2.12E-10	1.25E-09
8597	625246.24	4266590.76	6.82E-09	2.34E-09	9.16E-09	5.70E-09	1.76E-09	7.45E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
8598	625237.15	4266594.34	6.94E-09	2.39E-09	9.33E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.58E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
8599	625228.05	4266597.93	7.07E-09	2.43E-09	9.50E-09	5.91E-09	1.82E-09	7.73E-09	1.40E-09	4.66E-10	1.87E-09	1.09E-09	2.24E-10	1.32E-09
8600	625218.95	4266601.51	7.20E-09	2.48E-09	9.67E-09	6.02E-09	1.85E-09	7.87E-09	1.42E-09	4.74E-10	1.90E-09	1.11E-09	2.28E-10	1.34E-09
8601	625209.85	4266605.09	7.32E-09	2.52E-09	9.84E-09	6.12E-09	1.89E-09	8.01E-09	1.45E-09	4.83E-10	1.93E-09	1.13E-09	2.32E-10	1.36E-09
8602	625200.75	4266608.68	7.45E-09	2.56E-09	1.00E-08	6.23E-09	1.92E-09	8.15E-09	1.47E-09	4.91E-10	1.97E-09	1.15E-09	2.36E-10	1.39E-09
8603	625191.65	4266612.26	7.58E-09	2.61E-09	1.02E-08	6.33E-09	1.95E-09	8.28E-09	1.50E-09	4.99E-10	2.00E-09	1.17E-09	2.40E-10	1.41E-09
8604	625182.55	4266615.84	7.70E-09	2.65E-09	1.04E-08	6.44E-09	1.98E-09	8.42E-09	1.52E-09	5.08E-10	2.03E-09	1.19E-09	2.44E-10	1.43E-09
8605	625173.46	4266619.43	7.83E-09	2.69E-09	1.05E-08	6.54E-09	2.02E-09	8.56E-09	1.55E-09	5.16E-10	2.06E-09	1.21E-09	2.48E-10	1.46E-09
8606	625164.36	4266623.01	7.95E-09	2.73E-09	1.07E-08	6.64E-09	2.05E-09	8.69E-09	1.57E-09	5.24E-10	2.10E-09	1.23E-09	2.52E-10	1.48E-09
8607	625155.26	4266626.59	8.07E-09	2.77E-09	1.08E-08	6.74E-09	2.08E-09	8.82E-09	1.60E-09	5.32E-10	2.13E-09	1.25E-09	2.56E-10	1.50E-09
8608	625146.16	4266630.18	8.19E-09	2.82E-09	1.10E-08	6.84E-09	2.11E-09	8.95E-09	1.62E-09	5.39E-10	2.16E-09	1.26E-09	2.60E-10	1.52E-09
8609	625137.06	4266633.76	8.30E-09	2.86E-09	1.12E-08	6.94E-09	2.14E-09	9.08E-09	1.64E-09	5.47E-10	2.19E-09	1.28E-09	2.64E-10	1.54E-09
8610	625127.96	4266637.34	8.42E-09	2.89E-09	1.13E-08	7.04E-09	2.17E-09	9.20E-09	1.67E-09	5.55E-10	2.22E-09	1.30E-09	2.67E-10	1.57E-09
8611	625118.86	4266640.93	8.53E-09	2.93E-09	1.15E-08	7.13E-09	2.20E-09	9.32E-09	1.69E-09	5.62E-10	2.25E-09	1.32E-09	2.71E-10	1.59E-09
8612	625109.77	4266644.51	8.64E-09	2.97E-09	1.16E-08	7.22E-09	2.22E-09	9.44E-09	1.71E-09	5.69E-10	2.28E-09	1.33E-09	2.74E-10	1.61E-09
8613	625100.67	4266648.09	8.74E-09	3.01E-09	1.17E-08	7.31E-09	2.25E-09	9.56E-09	1.73E-09	5.76E-10	2.31E-09	1.35E-09	2.77E-10	1.63E-09
8614	625091.57	4266651.68	8.85E-09	3.04E-09	1.19E-08	7.39E-09	2.28E-09	9.67E-09	1.75E-09	5.83E-10	2.33E-09	1.36E-09	2.81E-10	1.65E-09
8615	625082.47	4266655.26	8.94E-09	3.08E-09	1.20E-08	7.48E-09	2.30E-09	9.78E-09	1.77E-09	5.89E-10	2.36E-09	1.38E-09	2.84E-10	1.66E-09
8616	625073.37	4266658.84	9.04E-09	3.11E-09	1.21E-08	7.56E-09	2.33E-09	9.88E-09	1.79E-09	5.96E-10	2.38E-09	1.39E-09	2.87E-10	1.68E-09
8617	625064.27	4266662.43	9.13E-09	3.14E-09	1.23E-08	7.63E-09	2.35E-09	9.98E-09	1.81E-09	6.02E-10	2.41E-09	1.41E-09	2.90E-10	1.70E-09
8618	625055.17	4266666.01	9.22E-09	3.17E-09	1.24E-08	7.70E-09	2.37E-09	1.01E-08	1.82E-09	6.07E-10	2.43E-09	1.42E-09	2.92E-10	1.71E-09
8619	625046.08	4266669.59	9.30E-09	3.20E-09	1.25E-08	7.77E-09	2.39E-09	1.02E-08	1.84E-09	6.13E-10	2.45E-09	1.43E-09	2.95E-10	1.73E-09
8620	625036.98	4266673.18	9.37E-09	3.22E-09	1.26E-08	7.83E-09	2.41E-09	1.02E-08	1.86E-09	6.18E-10	2.47E-09	1.45E-09	2.97E-10	1.74E-09
8621	625027.88	4266676.76	9.44E-09	3.25E-09	1.27E-08	7.89E-09	2.43E-09	1.03E-08	1.87E-09	6.22E-10	2.49E-09	1.46E-09	3.00E-10	1.76E-09

8622	625018.78	4266680.34	9.51E-09	3.27E-09	1.28E-08	7.95E-09	2.45E-09	1.04E-08	1.88E-09	6.27E-10	2.51E-09	1.47E-09	3.02E-10	1.77E-09
8623	625009.68	4266683.93	9.57E-09	3.29E-09	1.29E-08	8.00E-09	2.46E-09	1.05E-08	1.89E-09	6.31E-10	2.52E-09	1.48E-09	3.04E-10	1.78E-09
8624	625000.58	4266687.51	9.62E-09	3.31E-09	1.29E-08	8.04E-09	2.48E-09	1.05E-08	1.91E-09	6.34E-10	2.54E-09	1.49E-09	3.05E-10	1.79E-09
8625	624991.48	4266691.1	9.67E-09	3.33E-09	1.30E-08	8.08E-09	2.49E-09	1.06E-08	1.91E-09	6.37E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
8626	624982.38	4266694.68	9.72E-09	3.34E-09	1.31E-08	8.12E-09	2.50E-09	1.06E-08	1.92E-09	6.40E-10	2.56E-09	1.50E-09	3.08E-10	1.81E-09
8627	624973.29	4266698.26	9.75E-09	3.35E-09	1.31E-08	8.15E-09	2.51E-09	1.07E-08	1.93E-09	6.43E-10	2.57E-09	1.50E-09	3.10E-10	1.81E-09
8628	624964.19	4266701.85	9.78E-09	3.36E-09	1.31E-08	8.18E-09	2.52E-09	1.07E-08	1.94E-09	6.45E-10	2.58E-09	1.51E-09	3.11E-10	1.82E-09
8629	624955.09	4266705.43	9.81E-09	3.37E-09	1.32E-08	8.20E-09	2.53E-09	1.07E-08	1.94E-09	6.46E-10	2.59E-09	1.51E-09	3.11E-10	1.82E-09
8630	624945.99	4266709.01	9.83E-09	3.38E-09	1.32E-08	8.22E-09	2.53E-09	1.07E-08	1.95E-09	6.48E-10	2.59E-09	1.52E-09	3.12E-10	1.83E-09
8631	624936.89	4266712.6	9.84E-09	3.38E-09	1.32E-08	8.23E-09	2.53E-09	1.08E-08	1.95E-09	6.48E-10	2.60E-09	1.52E-09	3.12E-10	1.83E-09
8632	624927.79	4266716.18	9.85E-09	3.39E-09	1.32E-08	8.23E-09	2.54E-09	1.08E-08	1.95E-09	6.49E-10	2.60E-09	1.52E-09	3.13E-10	1.83E-09
8633	624918.69	4266719.76	9.85E-09	3.39E-09	1.32E-08	8.23E-09	2.54E-09	1.08E-08	1.95E-09	6.49E-10	2.60E-09	1.52E-09	3.13E-10	1.83E-09
8634	624909.6	4266723.35	9.84E-09	3.38E-09	1.32E-08	8.23E-09	2.53E-09	1.08E-08	1.95E-09	6.48E-10	2.60E-09	1.52E-09	3.12E-10	1.83E-09
8635	624900.5	4266726.93	9.83E-09	3.38E-09	1.32E-08	8.22E-09	2.53E-09	1.07E-08	1.95E-09	6.48E-10	2.59E-09	1.52E-09	3.12E-10	1.83E-09
8636	624891.4	4266730.51	9.81E-09	3.37E-09	1.32E-08	8.20E-09	2.53E-09	1.07E-08	1.94E-09	6.47E-10	2.59E-09	1.51E-09	3.11E-10	1.83E-09
8637	624882.3	4266734.1	9.79E-09	3.37E-09	1.32E-08	8.18E-09	2.52E-09	1.07E-08	1.94E-09	6.45E-10	2.58E-09	1.51E-09	3.11E-10	1.82E-09
8638	624873.2	4266737.68	9.77E-09	3.36E-09	1.31E-08	8.16E-09	2.51E-09	1.07E-08	1.93E-09	6.43E-10	2.58E-09	1.51E-09	3.10E-10	1.82E-09
8639	624864.1	4266741.26	9.74E-09	3.35E-09	1.31E-08	8.14E-09	2.51E-09	1.06E-08	1.93E-09	6.41E-10	2.57E-09	1.50E-09	3.09E-10	1.81E-09
8640	624855	4266744.85	9.70E-09	3.34E-09	1.30E-08	8.11E-09	2.50E-09	1.06E-08	1.92E-09	6.39E-10	2.56E-09	1.50E-09	3.08E-10	1.80E-09
8641	624845.91	4266748.43	9.67E-09	3.32E-09	1.30E-08	8.08E-09	2.49E-09	1.06E-08	1.91E-09	6.37E-10	2.55E-09	1.49E-09	3.07E-10	1.80E-09
8642	625447.44	4266161.99	5.25E-09	1.81E-09	7.06E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.39E-09	8.11E-10	1.67E-10	9.77E-10
8643	625447.6	4266152.05	5.25E-09	1.81E-09	7.06E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.39E-09	8.11E-10	1.67E-10	9.77E-10
8644	625447.77	4266142.12	5.25E-09	1.81E-09	7.06E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.39E-09	8.11E-10	1.67E-10	9.77E-10
8645	625447.93	4266132.19	5.25E-09	1.81E-09	7.06E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.39E-09	8.10E-10	1.67E-10	9.77E-10
8646	625448.09	4266122.25	5.25E-09	1.81E-09	7.06E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.39E-09	8.10E-10	1.67E-10	9.77E-10
8647	625448.26	4266112.32	5.25E-09	1.81E-09	7.06E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.39E-09	8.10E-10	1.67E-10	9.77E-10
8648	625448.42	4266102.39	5.25E-09	1.81E-09	7.06E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.39E-09	8.10E-10	1.67E-10	9.77E-10
8649	625448.58	4266092.45	5.25E-09	1.81E-09	7.06E-09	4.39E-09	1.35E-09	5.75E-09	1.04E-09	3.46E-10	1.39E-09	8.11E-10	1.67E-10	9.78E-10
8650	625448.75	4266082.52	5.26E-09	1.81E-09	7.07E-09	4.40E-09	1.35E-09	5.75E-09	1.04E-09	3.47E-10	1.39E-09	8.12E-10	1.67E-10	9.78E-10
8651	625448.91	4266072.59	5.27E-09	1.81E-09	7.08E-09	4.40E-09	1.36E-09	5.76E-09	1.04E-09	3.47E-10	1.39E-09	8.13E-10	1.67E-10	9.80E-10
8652	625449.07	4266062.65	5.27E-09	1.81E-09	7.09E-09	4.41E-09	1.36E-09	5.77E-09	1.04E-09	3.47E-10	1.39E-09	8.14E-10	1.67E-10	9.81E-10
8653	625449.24	4266052.72	5.28E-09	1.82E-09	7.10E-09	4.41E-09	1.36E-09	5.77E-09	1.05E-09	3.48E-10	1.39E-09	8.15E-10	1.68E-10	9.83E-10
8654	625449.4	4266042.79	5.29E-09	1.82E-09	7.11E-09	4.42E-09	1.36E-09	5.78E-09	1.05E-09	3.49E-10	1.40E-09	8.16E-10	1.68E-10	9.84E-10
8655	625449.56	4266032.85	5.30E-09	1.82E-09	7.12E-09	4.43E-09	1.36E-09	5.80E-09	1.05E-09	3.49E-10	1.40E-09	8.18E-10	1.68E-10	9.86E-10
8656	625449.73	4266022.92	5.31E-09	1.83E-09	7.14E-09	4.44E-09	1.37E-09	5.81E-09	1.05E-09	3.50E-10	1.40E-09	8.19E-10	1.69E-10	9.88E-10
8657	625449.89	4266012.99	5.32E-09	1.83E-09	7.15E-09	4.45E-09	1.37E-09	5.82E-09	1.05E-09	3.51E-10	1.40E-09	8.21E-10	1.69E-10	9.90E-10
8658	625450.06	4266003.05	5.33E-09	1.83E-09	7.16E-09	4.46E-09	1.37E-09	5.83E-09	1.06E-09	3.51E-10	1.41E-09	8.23E-10	1.69E-10	9.92E-10
8659	625450.22	4265993.12	5.34E-09	1.84E-09	7.18E-09	4.46E-09	1.38E-09	5.84E-09	1.06E-09	3.52E-10	1.41E-09	8.24E-10	1.70E-10	9.94E-10
8660	625450.38	4265983.19	5.35E-09	1.84E-09	7.19E-09	4.47E-09	1.38E-09	5.85E-09	1.06E-09	3.53E-10	1.41E-09	8.26E-10	1.70E-10	9.96E-10
8661	625450.55	4265973.25	5.36E-09	1.84E-09	7.21E-09	4.48E-09	1.38E-09	5.86E-09	1.06E-09	3.53E-10	1.41E-09	8.27E-10	1.70E-10	9.97E-10
8662	625450.71	4265963.32	5.37E-09	1.85E-09	7.22E-09	4.49E-09	1.38E-09	5.87E-09	1.06E-09	3.54E-10	1.42E-09	8.29E-10	1.70E-10	9.99E-10
8663	625450.87	4265953.39	5.38E-09	1.85E-09	7.23E-09	4.49E-09	1.38E-09	5.88E-09	1.06E-09	3.54E-10	1.42E-09	8.30E-10	1.71E-10	1.00E-09
8664	625451.04	4265943.45	5.38E-09	1.85E-09	7.23E-09	4.50E-09	1.39E-09	5.89E-09	1.07E-09	3.55E-10	1.42E-09	8.31E-10	1.71E-10	1.00E-09
8665	625451.2	4265933.52	5.39E-09	1.85E-09	7.24E-09	4.50E-09	1.39E-09	5.89E-09	1.07E-09	3.55E-10	1.42E-09	8.31E-10	1.71E-10	1.00E-09
8666	625451.36	4265923.59	5.39E-09	1.85E-09	7.24E-09	4.51E-09	1.39E-09	5.89E-09	1.07E-09	3.55E-10	1.42E-09	8.32E-10	1.71E-10	1.00E-09
8667	625451.53	4265913.65	5.39E-09	1.85E-09	7.24E-09	4.51E-09	1.39E-09	5.89E-09	1.07E-09	3.55E-10	1.42E-09	8.32E-10	1.71E-10	1.00E-09
8668	625451.69	4265903.72	5.39E-09	1.85E-09	7.24E-09	4.50E-09	1.39E-09	5.89E-09	1.07E-09	3.55E-10	1.42E-09	8.32E-10	1.71E-10	1.00E-09
8669	625451.85	4265893.79	5.39E-09	1.85E-09	7.24E-09	4.50E-09	1.39E-09	5.89E-09	1.07E-09	3.55E-10	1.42E-09	8.31E-10	1.71E-10	1.00E-09
8670	625452.02	4265883.85	5.38E-09	1.85E-09	7.24E-09	4.50E-09	1.39E-09	5.89E-09	1.07E-09	3.55E-10	1.42E-09	8.31E-10	1.71E-10	1.00E-09
8671	625452.18	4265873.92	5.38E-09	1.85E-09	7.23E-09	4.50E-09	1.39E-09	5.88E-09	1.07E-09	3.55E-10	1.42E-09	8.30E-10	1.71E-10	1.00E-09
8672	625452.34	4265863.99	5.38E-09	1.85E-09	7.23E-09	4.50E-09	1.38E-09	5.88E-09	1.06E-09	3.54E-10	1.42E-09	8.30E-10	1.71E-10	1.00E-09
8673	625452.51	4265854.05	5.38E-09	1.85E-09	7.22E-09	4.49E-09	1.38E-09	5.88E-09	1.06E-09	3.54E-10	1.42E-09	8.30E-10	1.71E-10	1.00E-09
8674	625452.67	4265844.12	5.37E-09	1.85E-09	7.22E-09	4.49E-09	1.38E-09	5.88E-09	1.06E-09	3.54E-10	1.42E-09	8.29E-10	1.71E-10	1.00E-09
8675	625452.84	4265834.19	5.38E-09	1.85E-09	7.22E-09	4.49E-09	1.38E-09	5.88E-09	1.06E-09	3.54E-10	1.42E-09	8.29E-10	1.71E-10	1.00E-09
8676	625453	4265824.25	5.38E-09	1.85E-09	7.23E-09	4.50E-09	1.38E-09	5.88E-09	1.06E-09	3.54E-10	1.42E-09	8.30E-10	1.71E-10	1.00E-09
8677	625453.16	4265814.32	5.38E-09	1.85E-09	7.24E-09	4.50E-09	1.39E-09	5.89E-09	1.07E-09	3.55E-10	1.42E-09	8.31E-10	1.71E-10	1.00E-09
8678	625453.33	4265804.39	5.39E-09	1.85E-09	7.25E-09	4.51E-09	1.39E-09	5.90E-09	1.07E-09	3.55E-10	1.42E-09	8.32E-10	1.71E-10	1.00E-09
8679	625453.49	4265794.45	5.41E-09	1.86E-09	7.26E-09	4.52E-09	1.39E-09	5.91E-09	1.07E-09	3.56E-10	1.43E-09	8.34E-10	1.72E-10	1.01E-09
8680	625453.65	4265784.52	5.42E-09	1.86E-09	7.29E-09	4.53E-09	1.40E-09	5.93E-09	1.07E-09	3.57E-10	1.43E-09	8.37E-10	1.72E-10	1.01E-09
8681	625453.82	4265774.59	5.44E-09	1.87E-09	7.31E-09	4.55E-09	1.40E-09	5.95E-09	1.08E-09	3.58E-10	1.44E-09	8.40E-10	1.73E-10	1.01E-09
8682	625453.98	4265764.65	5.46E-09	1.88E-09	7.34E-09	4.57E-09	1.41E-09	5.97E-09	1.08E-09	3.60E-10	1.44E-09	8.43E-10	1.73E-10	1.02E-09
8683	625454.14	4265754.72	5.49E-09	1.89E-09	7.38E-09	4.59E-09	1.41E-09	6.00E-09	1.09E-09	3.62E-10	1.45E-09	8.47E-10	1.74E-10	1.02E-09
8684	625454.31	4265744.79	5.52E-09	1.90E-09	7.41E-09	4.61E-09	1.42E-09	6.03E-09	1.09E-09	3.63E-10	1.46E-09	8.51E-10	1.75E-10	1.03E-09
8685	625454.47	4265734.85	5.55E-09	1.91E-09	7.45E-09	4.64E-09	1.43E-09	6.06E-09	1.10E-09	3.65E-10	1.46E-09	8.56E-10	1.76E-10	1.03E-09
8686	625454.63	4265724.92	5.58E-09	1.92E-09	7.50E-09	4.66E-09	1.44E-09	6.10E-09	1.10E-09	3.68E-10	1.47E-09	8.61E-10	1.77E-10	1.04E-09
8687	625454.8	4265714.99	5.61E-09	1.93E-09	7.54E-09	4.69E-09	1.44E-09	6.14E-09	1.11E-09	3.70E-10	1.48E-09	8.66E-10	1.78E-10	1.04E-09
8688	625454.96	4265705.05	5.65E-09	1.94E-09	7.59E-09	4.72E-09	1.45E-09	6.17E-09	1.12E-09	3.72E-10	1.49E-09	8.71E-10	1.79E-10	1.05E-09
8689	625455.13	4265695.12	5.68E-09	1.95E-09	7.63E-09	4.75E-09	1.46E-09	6.21E-09	1.12E-09	3.74E-10	1.50E-09	8.76E-10	1.80E-10	1.06E-09
8690	625455.29	4265685.19	5.71E-09	1.96E-09	7.68E-09	4.77E-09	1.47E-09	6.25E-09	1.13E-09	3.76E-10	1.51E-09	8.81E-10	1.81E-10	1.06E-09

8691	625485.77	4266189.68	4.89E-09	1.68E-09	6.57E-09	4.09E-09	1.26E-09	5.35E-09	9.68E-10	3.22E-10	1.29E-09	7.55E-10	1.55E-10	9.10E-10
8692	625481.88	4266198.63	4.92E-09	1.69E-09	6.61E-09	4.11E-09	1.27E-09	5.38E-09	9.73E-10	3.24E-10	1.30E-09	7.59E-10	1.56E-10	9.15E-10
8693	625478	4266207.59	4.95E-09	1.70E-09	6.65E-09	4.13E-09	1.27E-09	5.41E-09	9.79E-10	3.26E-10	1.30E-09	7.63E-10	1.57E-10	9.20E-10
8694	625474.11	4266216.54	4.97E-09	1.71E-09	6.68E-09	4.15E-09	1.28E-09	5.43E-09	9.84E-10	3.27E-10	1.31E-09	7.67E-10	1.58E-10	9.25E-10
8695	625470.22	4266225.5	4.99E-09	1.72E-09	6.71E-09	4.17E-09	1.29E-09	5.46E-09	9.88E-10	3.29E-10	1.32E-09	7.70E-10	1.58E-10	9.29E-10
8696	625466.33	4266234.46	5.01E-09	1.72E-09	6.73E-09	4.19E-09	1.29E-09	5.48E-09	9.92E-10	3.30E-10	1.32E-09	7.73E-10	1.59E-10	9.32E-10
8697	625462.45	4266243.41	5.02E-09	1.73E-09	6.75E-09	4.20E-09	1.29E-09	5.49E-09	9.95E-10	3.31E-10	1.33E-09	7.75E-10	1.59E-10	9.35E-10
8698	625458.56	4266252.37	5.04E-09	1.73E-09	6.77E-09	4.21E-09	1.30E-09	5.51E-09	9.97E-10	3.32E-10	1.33E-09	7.77E-10	1.60E-10	9.37E-10
8699	625454.67	4266261.32	5.05E-09	1.74E-09	6.78E-09	4.22E-09	1.30E-09	5.52E-09	9.99E-10	3.33E-10	1.33E-09	7.79E-10	1.60E-10	9.39E-10
8700	625450.79	4266270.28	5.06E-09	1.74E-09	6.79E-09	4.23E-09	1.30E-09	5.53E-09	1.00E-09	3.33E-10	1.33E-09	7.80E-10	1.60E-10	9.41E-10
8701	625446.9	4266279.23	5.06E-09	1.74E-09	6.80E-09	4.23E-09	1.30E-09	5.53E-09	1.00E-09	3.34E-10	1.34E-09	7.81E-10	1.61E-10	9.42E-10
8702	625443.01	4266288.19	5.07E-09	1.74E-09	6.81E-09	4.23E-09	1.30E-09	5.54E-09	1.00E-09	3.34E-10	1.34E-09	7.82E-10	1.61E-10	9.43E-10
8703	625408.03	4266368.79	5.10E-09	1.75E-09	6.85E-09	4.26E-09	1.31E-09	5.58E-09	1.01E-09	3.36E-10	1.35E-09	7.87E-10	1.62E-10	9.49E-10
8704	625404.14	4266377.75	5.11E-09	1.76E-09	6.87E-09	4.27E-09	1.32E-09	5.59E-09	1.01E-09	3.37E-10	1.35E-09	7.89E-10	1.62E-10	9.51E-10
8705	625400.25	4266386.7	5.13E-09	1.76E-09	6.89E-09	4.29E-09	1.32E-09	5.61E-09	1.02E-09	3.38E-10	1.35E-09	7.91E-10	1.63E-10	9.54E-10
8706	625396.37	4266395.66	5.15E-09	1.77E-09	6.92E-09	4.30E-09	1.33E-09	5.63E-09	1.02E-09	3.39E-10	1.36E-09	7.94E-10	1.63E-10	9.58E-10
8707	625392.48	4266404.61	5.17E-09	1.78E-09	6.95E-09	4.32E-09	1.33E-09	5.65E-09	1.02E-09	3.41E-10	1.36E-09	7.98E-10	1.64E-10	9.62E-10
8708	625388.59	4266413.57	5.20E-09	1.79E-09	6.98E-09	4.34E-09	1.34E-09	5.68E-09	1.03E-09	3.42E-10	1.37E-09	8.02E-10	1.65E-10	9.67E-10
8709	625384.7	4266422.52	5.22E-09	1.80E-09	7.02E-09	4.37E-09	1.34E-09	5.71E-09	1.03E-09	3.44E-10	1.38E-09	8.06E-10	1.66E-10	9.72E-10
8710	625380.82	4266431.48	5.25E-09	1.81E-09	7.06E-09	4.39E-09	1.35E-09	5.74E-09	1.04E-09	3.46E-10	1.39E-09	8.10E-10	1.67E-10	9.77E-10
8711	625376.93	4266440.44	5.28E-09	1.82E-09	7.10E-09	4.42E-09	1.36E-09	5.78E-09	1.05E-09	3.48E-10	1.39E-09	8.15E-10	1.68E-10	9.83E-10
8712	625373.04	4266449.39	5.32E-09	1.83E-09	7.15E-09	4.44E-09	1.37E-09	5.81E-09	1.05E-09	3.50E-10	1.40E-09	8.20E-10	1.69E-10	9.89E-10
8713	625369.15	4266458.35	5.35E-09	1.84E-09	7.19E-09	4.47E-09	1.38E-09	5.85E-09	1.06E-09	3.53E-10	1.41E-09	8.26E-10	1.70E-10	9.96E-10
8714	625365.27	4266467.3	5.39E-09	1.85E-09	7.24E-09	4.50E-09	1.39E-09	5.89E-09	1.07E-09	3.55E-10	1.42E-09	8.31E-10	1.71E-10	1.00E-09
8715	625361.38	4266476.26	5.43E-09	1.87E-09	7.29E-09	4.53E-09	1.40E-09	5.93E-09	1.07E-09	3.57E-10	1.43E-09	8.37E-10	1.72E-10	1.01E-09
8716	625357.49	4266485.21	5.46E-09	1.88E-09	7.34E-09	4.57E-09	1.41E-09	5.97E-09	1.08E-09	3.60E-10	1.44E-09	8.43E-10	1.73E-10	1.02E-09
8717	625353.61	4266494.17	5.50E-09	1.89E-09	7.39E-09	4.60E-09	1.42E-09	6.02E-09	1.09E-09	3.62E-10	1.45E-09	8.49E-10	1.75E-10	1.02E-09
8718	625349.72	4266503.12	5.54E-09	1.91E-09	7.45E-09	4.63E-09	1.43E-09	6.06E-09	1.10E-09	3.65E-10	1.46E-09	8.55E-10	1.76E-10	1.03E-09
8719	625345.83	4266512.08	5.58E-09	1.92E-09	7.50E-09	4.66E-09	1.44E-09	6.10E-09	1.10E-09	3.68E-10	1.47E-09	8.61E-10	1.77E-10	1.04E-09
8720	625341.94	4266521.04	5.62E-09	1.93E-09	7.55E-09	4.70E-09	1.45E-09	6.14E-09	1.11E-09	3.70E-10	1.48E-09	8.67E-10	1.78E-10	1.05E-09
8721	625338.06	4266529.99	5.66E-09	1.94E-09	7.60E-09	4.73E-09	1.46E-09	6.18E-09	1.12E-09	3.73E-10	1.49E-09	8.73E-10	1.79E-10	1.05E-09
8722	625334.17	4266538.95	5.69E-09	1.96E-09	7.65E-09	4.76E-09	1.47E-09	6.22E-09	1.13E-09	3.75E-10	1.50E-09	8.79E-10	1.81E-10	1.06E-09
8723	625330.28	4266547.9	5.73E-09	1.97E-09	7.70E-09	4.79E-09	1.48E-09	6.26E-09	1.13E-09	3.78E-10	1.51E-09	8.84E-10	1.82E-10	1.07E-09
8724	625326.4	4266556.86	5.77E-09	1.98E-09	7.75E-09	4.82E-09	1.48E-09	6.30E-09	1.14E-09	3.80E-10	1.52E-09	8.90E-10	1.83E-10	1.07E-09
8725	625322.51	4266565.81	5.80E-09	1.99E-09	7.79E-09	4.85E-09	1.49E-09	6.34E-09	1.15E-09	3.82E-10	1.53E-09	8.95E-10	1.84E-10	1.08E-09
8726	625318.62	4266574.77	5.83E-09	2.01E-09	7.84E-09	4.87E-09	1.50E-09	6.38E-09	1.15E-09	3.84E-10	1.54E-09	9.00E-10	1.85E-10	1.09E-09
8727	625314.73	4266583.73	5.86E-09	2.02E-09	7.88E-09	4.90E-09	1.51E-09	6.41E-09	1.16E-09	3.86E-10	1.55E-09	9.05E-10	1.86E-10	1.09E-09
8728	625310.85	4266592.68	5.89E-09	2.03E-09	7.92E-09	4.93E-09	1.52E-09	6.44E-09	1.17E-09	3.88E-10	1.55E-09	9.09E-10	1.87E-10	1.10E-09
8729	625306.96	4266601.64	5.92E-09	2.04E-09	7.96E-09	4.95E-09	1.52E-09	6.47E-09	1.17E-09	3.90E-10	1.56E-09	9.14E-10	1.88E-10	1.10E-09
8730	625303.07	4266610.59	5.95E-09	2.05E-09	7.99E-09	4.97E-09	1.53E-09	6.50E-09	1.18E-09	3.92E-10	1.57E-09	9.18E-10	1.89E-10	1.11E-09
8731	625290.1	4266623.13	6.08E-09	2.09E-09	8.17E-09	5.08E-09	1.56E-09	6.64E-09	1.20E-09	4.00E-10	1.60E-09	9.38E-10	1.93E-10	1.13E-09
8732	625281.02	4266626.7	6.18E-09	2.13E-09	8.31E-09	5.17E-09	1.59E-09	6.76E-09	1.22E-09	4.07E-10	1.63E-09	9.54E-10	1.96E-10	1.15E-09
8733	625271.93	4266630.28	6.29E-09	2.16E-09	8.46E-09	5.26E-09	1.62E-09	6.88E-09	1.25E-09	4.15E-10	1.66E-09	9.71E-10	2.00E-10	1.17E-09
8734	625262.85	4266633.86	6.40E-09	2.20E-09	8.60E-09	5.35E-09	1.65E-09	7.00E-09	1.27E-09	4.22E-10	1.69E-09	9.87E-10	2.03E-10	1.19E-09
8735	625253.77	4266637.44	6.51E-09	2.24E-09	8.75E-09	5.44E-09	1.68E-09	7.12E-09	1.29E-09	4.29E-10	1.72E-09	1.00E-09	2.07E-10	1.21E-09
8736	625244.68	4266641.01	6.62E-09	2.28E-09	8.89E-09	5.53E-09	1.70E-09	7.23E-09	1.31E-09	4.36E-10	1.75E-09	1.02E-09	2.10E-10	1.23E-09
8737	625235.6	4266644.59	6.72E-09	2.31E-09	9.04E-09	5.62E-09	1.73E-09	7.35E-09	1.33E-09	4.43E-10	1.77E-09	1.04E-09	2.13E-10	1.25E-09
8738	625226.52	4266648.17	6.83E-09	2.35E-09	9.18E-09	5.71E-09	1.76E-09	7.47E-09	1.35E-09	4.50E-10	1.80E-09	1.05E-09	2.17E-10	1.27E-09
8739	625217.43	4266651.75	6.94E-09	2.39E-09	9.32E-09	5.80E-09	1.79E-09	7.59E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
8740	625208.35	4266655.32	7.04E-09	2.42E-09	9.47E-09	5.89E-09	1.81E-09	7.70E-09	1.39E-09	4.64E-10	1.86E-09	1.09E-09	2.24E-10	1.31E-09
8741	625199.26	4266658.9	7.15E-09	2.46E-09	9.61E-09	5.98E-09	1.84E-09	7.82E-09	1.42E-09	4.71E-10	1.89E-09	1.10E-09	2.27E-10	1.33E-09
8742	625190.18	4266662.48	7.25E-09	2.49E-09	9.75E-09	6.06E-09	1.87E-09	7.93E-09	1.44E-09	4.78E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
8743	625181.1	4266666.06	7.35E-09	2.53E-09	9.88E-09	6.15E-09	1.89E-09	8.04E-09	1.46E-09	4.85E-10	1.94E-09	1.13E-09	2.33E-10	1.37E-09
8744	625172.01	4266669.63	7.45E-09	2.56E-09	1.00E-08	6.23E-09	1.92E-09	8.15E-09	1.48E-09	4.91E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
8745	625162.93	4266673.21	7.55E-09	2.60E-09	1.01E-08	6.31E-09	1.94E-09	8.26E-09	1.49E-09	4.98E-10	1.99E-09	1.17E-09	2.40E-10	1.40E-09
8746	625153.85	4266676.79	7.65E-09	2.63E-09	1.03E-08	6.39E-09	1.97E-09	8.36E-09	1.51E-09	5.04E-10	2.02E-09	1.18E-09	2.43E-10	1.42E-09
8747	625144.76	4266680.37	7.74E-09	2.66E-09	1.04E-08	6.47E-09	1.99E-09	8.47E-09	1.53E-09	5.10E-10	2.04E-09	1.19E-09	2.46E-10	1.44E-09
8748	625135.68	4266683.95	7.84E-09	2.69E-09	1.05E-08	6.55E-09	2.02E-09	8.57E-09	1.55E-09	5.16E-10	2.07E-09	1.21E-09	2.49E-10	1.46E-09
8749	625126.59	4266687.52	7.93E-09	2.73E-09	1.07E-08	6.62E-09	2.04E-09	8.66E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.52E-10	1.47E-09
8750	625117.51	4266691.1	8.01E-09	2.76E-09	1.08E-08	6.70E-09	2.06E-09	8.76E-09	1.59E-09	5.28E-10	2.11E-09	1.24E-09	2.54E-10	1.49E-09
8751	625108.43	4266694.68	8.10E-09	2.78E-09	1.09E-08	6.77E-09	2.08E-09	8.85E-09	1.60E-09	5.33E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
8752	625099.34	4266698.26	8.18E-09	2.81E-09	1.10E-08	6.84E-09	2.11E-09	8.94E-09	1.62E-09	5.39E-10	2.16E-09	1.26E-09	2.60E-10	1.52E-09
8753	625090.26	4266701.83	8.26E-09	2.84E-09	1.11E-08	6.90E-09	2.13E-09	9.03E-09	1.63E-09	5.44E-10	2.18E-09	1.27E-09	2.62E-10	1.54E-09
8754	625081.18	4266705.41	8.33E-09	2.87E-09	1.12E-08	6.96E-09	2.15E-09	9.11E-09	1.65E-09	5.49E-10	2.20E-09	1.29E-09	2.64E-10	1.55E-09
8755	625072.09	4266708.99	8.40E-09	2.89E-09	1.13E-08	7.02E-09	2.16E-09	9.19E-09	1.66E-09	5.54E-10	2.22E-09	1.30E-09	2.67E-10	1.56E-09
8756	625063.01	4266712.57	8.47E-09	2.91E-09	1.14E-08	7.08E-09	2.18E-09	9.26E-09	1.68E-09	5.58E-10	2.23E-09	1.31E-09	2.69E-10	1.58E-09
8757	625053.92	4266716.14	8.53E-09	2.93E-09	1.15E-08	7.13E-09	2.20E-09	9.33E-09	1.69E-09	5.62E-10	2.25E-09	1.32E-09	2.71E-10	1.59E-09
8758	625044.84	4266719.72	8.59E-09	2.95E-09	1.15E-08	7.18E-09	2.21E-09	9.39E-09	1.70E-09	5.66E-10	2.27E-09	1.33E-09	2.73E-10	1.60E-09
8759	625035.76	4266723.3	8.64E-09	2.97E-09	1.16E-08	7.22E-09	2.23E-09	9.45E-09	1.71E-09	5.69E-10	2.28E-09	1.33E-09	2.74E-10	1.61E-09

8760	625026.67	4266726.88	8.69E-09	2.99E-09	1.17E-08	7.26E-09	2.24E-09	9.50E-09	1.72E-09	5.73E-10	2.29E-09	1.34E-09	2.76E-10	1.62E-09
8761	625017.59	4266730.45	8.74E-09	3.00E-09	1.17E-08	7.30E-09	2.25E-09	9.55E-09	1.73E-09	5.76E-10	2.30E-09	1.35E-09	2.77E-10	1.63E-09
8762	625008.51	4266734.03	8.78E-09	3.02E-09	1.18E-08	7.34E-09	2.26E-09	9.59E-09	1.74E-09	5.78E-10	2.32E-09	1.35E-09	2.79E-10	1.63E-09
8763	624999.42	4266737.61	8.81E-09	3.03E-09	1.18E-08	7.37E-09	2.27E-09	9.63E-09	1.74E-09	5.81E-10	2.32E-09	1.36E-09	2.80E-10	1.64E-09
8764	624990.34	4266741.19	8.84E-09	3.04E-09	1.19E-08	7.39E-09	2.28E-09	9.67E-09	1.75E-09	5.83E-10	2.33E-09	1.36E-09	2.81E-10	1.65E-09
8765	624981.25	4266744.76	8.87E-09	3.05E-09	1.19E-08	7.41E-09	2.28E-09	9.70E-09	1.76E-09	5.84E-10	2.34E-09	1.37E-09	2.81E-10	1.65E-09
8766	624972.17	4266748.34	8.89E-09	3.06E-09	1.19E-08	7.43E-09	2.29E-09	9.72E-09	1.76E-09	5.86E-10	2.35E-09	1.37E-09	2.82E-10	1.65E-09
8767	624963.09	4266751.92	8.91E-09	3.06E-09	1.20E-08	7.45E-09	2.29E-09	9.74E-09	1.76E-09	5.87E-10	2.35E-09	1.37E-09	2.83E-10	1.66E-09
8768	624954	4266755.5	8.92E-09	3.07E-09	1.20E-08	7.46E-09	2.30E-09	9.75E-09	1.77E-09	5.88E-10	2.35E-09	1.38E-09	2.83E-10	1.66E-09
8769	624944.92	4266759.08	8.93E-09	3.07E-09	1.20E-08	7.46E-09	2.30E-09	9.76E-09	1.77E-09	5.88E-10	2.35E-09	1.38E-09	2.83E-10	1.66E-09
8770	624935.84	4266762.65	8.93E-09	3.07E-09	1.20E-08	7.46E-09	2.30E-09	9.76E-09	1.77E-09	5.88E-10	2.36E-09	1.38E-09	2.83E-10	1.66E-09
8771	624926.75	4266766.23	8.92E-09	3.07E-09	1.20E-08	7.46E-09	2.30E-09	9.76E-09	1.77E-09	5.88E-10	2.35E-09	1.38E-09	2.83E-10	1.66E-09
8772	624917.67	4266769.81	8.91E-09	3.07E-09	1.20E-08	7.45E-09	2.30E-09	9.75E-09	1.76E-09	5.87E-10	2.35E-09	1.38E-09	2.83E-10	1.66E-09
8773	624908.58	4266773.39	8.90E-09	3.06E-09	1.20E-08	7.44E-09	2.29E-09	9.73E-09	1.76E-09	5.86E-10	2.35E-09	1.37E-09	2.82E-10	1.66E-09
8774	624899.5	4266776.96	8.88E-09	3.05E-09	1.19E-08	7.43E-09	2.29E-09	9.71E-09	1.76E-09	5.85E-10	2.34E-09	1.37E-09	2.82E-10	1.65E-09
8775	624890.42	4266780.54	8.86E-09	3.05E-09	1.19E-08	7.41E-09	2.28E-09	9.69E-09	1.75E-09	5.84E-10	2.34E-09	1.37E-09	2.81E-10	1.65E-09
8776	624881.33	4266784.12	8.84E-09	3.04E-09	1.19E-08	7.39E-09	2.27E-09	9.66E-09	1.75E-09	5.82E-10	2.33E-09	1.36E-09	2.80E-10	1.64E-09
8777	624872.25	4266787.7	8.81E-09	3.03E-09	1.18E-08	7.36E-09	2.27E-09	9.63E-09	1.74E-09	5.80E-10	2.32E-09	1.36E-09	2.80E-10	1.64E-09
8778	624863.17	4266791.27	8.78E-09	3.02E-09	1.18E-08	7.34E-09	2.26E-09	9.59E-09	1.74E-09	5.78E-10	2.32E-09	1.35E-09	2.79E-10	1.63E-09
8779	624854.08	4266794.85	8.74E-09	3.01E-09	1.17E-08	7.31E-09	2.25E-09	9.56E-09	1.73E-09	5.76E-10	2.31E-09	1.35E-09	2.77E-10	1.63E-09
8780	624845	4266798.43	8.71E-09	2.99E-09	1.17E-08	7.28E-09	2.24E-09	9.52E-09	1.72E-09	5.74E-10	2.30E-09	1.34E-09	2.76E-10	1.62E-09
8781	625497.43	4266162.81	4.80E-09	1.65E-09	6.45E-09	4.01E-09	1.24E-09	5.25E-09	9.50E-10	3.16E-10	1.27E-09	7.41E-10	1.52E-10	8.93E-10
8782	625497.6	4266152.88	4.80E-09	1.65E-09	6.45E-09	4.01E-09	1.24E-09	5.25E-09	9.50E-10	3.16E-10	1.27E-09	7.40E-10	1.52E-10	8.93E-10
8783	625497.76	4266142.94	4.80E-09	1.65E-09	6.45E-09	4.01E-09	1.23E-09	5.24E-09	9.49E-10	3.16E-10	1.27E-09	7.40E-10	1.52E-10	8.92E-10
8784	625497.92	4266133.01	4.79E-09	1.65E-09	6.44E-09	4.01E-09	1.23E-09	5.24E-09	9.49E-10	3.16E-10	1.26E-09	7.40E-10	1.52E-10	8.92E-10
8785	625498.09	4266123.08	4.79E-09	1.65E-09	6.44E-09	4.01E-09	1.23E-09	5.24E-09	9.49E-10	3.16E-10	1.26E-09	7.40E-10	1.52E-10	8.92E-10
8786	625498.25	4266113.14	4.79E-09	1.65E-09	6.44E-09	4.01E-09	1.23E-09	5.24E-09	9.49E-10	3.16E-10	1.26E-09	7.40E-10	1.52E-10	8.92E-10
8787	625498.41	4266103.21	4.79E-09	1.65E-09	6.44E-09	4.01E-09	1.23E-09	5.24E-09	9.49E-10	3.16E-10	1.26E-09	7.40E-10	1.52E-10	8.92E-10
8788	625498.58	4266093.28	4.79E-09	1.65E-09	6.44E-09	4.01E-09	1.23E-09	5.24E-09	9.49E-10	3.16E-10	1.26E-09	7.39E-10	1.52E-10	8.92E-10
8789	625498.74	4266083.34	4.79E-09	1.65E-09	6.44E-09	4.01E-09	1.23E-09	5.24E-09	9.49E-10	3.16E-10	1.26E-09	7.40E-10	1.52E-10	8.92E-10
8790	625498.9	4266073.41	4.79E-09	1.65E-09	6.44E-09	4.01E-09	1.23E-09	5.24E-09	9.49E-10	3.16E-10	1.26E-09	7.40E-10	1.52E-10	8.92E-10
8791	625499.07	4266063.48	4.80E-09	1.65E-09	6.45E-09	4.01E-09	1.24E-09	5.24E-09	9.49E-10	3.16E-10	1.27E-09	7.40E-10	1.52E-10	8.92E-10
8792	625499.23	4266053.54	4.80E-09	1.65E-09	6.45E-09	4.01E-09	1.24E-09	5.25E-09	9.50E-10	3.16E-10	1.27E-09	7.41E-10	1.52E-10	8.93E-10
8793	625499.39	4266043.61	4.80E-09	1.65E-09	6.46E-09	4.02E-09	1.24E-09	5.25E-09	9.51E-10	3.17E-10	1.27E-09	7.41E-10	1.52E-10	8.94E-10
8794	625499.56	4266033.68	4.81E-09	1.65E-09	6.46E-09	4.02E-09	1.24E-09	5.26E-09	9.52E-10	3.17E-10	1.27E-09	7.42E-10	1.53E-10	8.95E-10
8795	625499.72	4266023.74	4.82E-09	1.66E-09	6.47E-09	4.03E-09	1.24E-09	5.27E-09	9.53E-10	3.17E-10	1.27E-09	7.43E-10	1.53E-10	8.96E-10
8796	625499.89	4266013.81	4.82E-09	1.66E-09	6.48E-09	4.03E-09	1.24E-09	5.27E-09	9.54E-10	3.18E-10	1.27E-09	7.44E-10	1.53E-10	8.97E-10
8797	625500.05	4266003.88	4.83E-09	1.66E-09	6.49E-09	4.04E-09	1.24E-09	5.28E-09	9.56E-10	3.18E-10	1.27E-09	7.45E-10	1.53E-10	8.98E-10
8798	625500.21	4265993.94	4.83E-09	1.66E-09	6.50E-09	4.04E-09	1.24E-09	5.29E-09	9.57E-10	3.19E-10	1.28E-09	7.46E-10	1.53E-10	8.99E-10
8799	625500.38	4265984.01	4.84E-09	1.66E-09	6.50E-09	4.05E-09	1.25E-09	5.29E-09	9.58E-10	3.19E-10	1.28E-09	7.47E-10	1.54E-10	9.00E-10
8800	625500.54	4265974.08	4.84E-09	1.67E-09	6.51E-09	4.05E-09	1.25E-09	5.30E-09	9.59E-10	3.19E-10	1.28E-09	7.47E-10	1.54E-10	9.01E-10
8801	625500.7	4265964.14	4.85E-09	1.67E-09	6.51E-09	4.05E-09	1.25E-09	5.30E-09	9.59E-10	3.19E-10	1.28E-09	7.48E-10	1.54E-10	9.02E-10
8802	625500.87	4265954.21	4.85E-09	1.67E-09	6.52E-09	4.05E-09	1.25E-09	5.30E-09	9.60E-10	3.19E-10	1.28E-09	7.48E-10	1.54E-10	9.02E-10
8803	625501.03	4265944.28	4.85E-09	1.67E-09	6.52E-09	4.05E-09	1.25E-09	5.30E-09	9.60E-10	3.19E-10	1.28E-09	7.48E-10	1.54E-10	9.02E-10
8804	625501.19	4265934.34	4.85E-09	1.67E-09	6.52E-09	4.05E-09	1.25E-09	5.30E-09	9.60E-10	3.19E-10	1.28E-09	7.48E-10	1.54E-10	9.02E-10
8805	625501.36	4265924.41	4.85E-09	1.67E-09	6.51E-09	4.05E-09	1.25E-09	5.30E-09	9.59E-10	3.19E-10	1.28E-09	7.48E-10	1.54E-10	9.02E-10
8806	625501.52	4265914.48	4.84E-09	1.67E-09	6.51E-09	4.05E-09	1.25E-09	5.30E-09	9.59E-10	3.19E-10	1.28E-09	7.47E-10	1.54E-10	9.01E-10
8807	625501.68	4265904.54	4.84E-09	1.66E-09	6.50E-09	4.05E-09	1.25E-09	5.29E-09	9.58E-10	3.19E-10	1.28E-09	7.47E-10	1.54E-10	9.00E-10
8808	625501.85	4265894.61	4.83E-09	1.66E-09	6.50E-09	4.04E-09	1.24E-09	5.29E-09	9.57E-10	3.19E-10	1.28E-09	7.46E-10	1.53E-10	8.99E-10
8809	625502.01	4265884.68	4.83E-09	1.66E-09	6.49E-09	4.04E-09	1.24E-09	5.28E-09	9.56E-10	3.18E-10	1.27E-09	7.45E-10	1.53E-10	8.99E-10
8810	625502.17	4265874.74	4.82E-09	1.66E-09	6.48E-09	4.03E-09	1.24E-09	5.28E-09	9.55E-10	3.18E-10	1.27E-09	7.45E-10	1.53E-10	8.98E-10
8811	625502.34	4265864.81	4.82E-09	1.66E-09	6.48E-09	4.03E-09	1.24E-09	5.27E-09	9.54E-10	3.18E-10	1.27E-09	7.44E-10	1.53E-10	8.97E-10
8812	625502.5	4265854.88	4.82E-09	1.66E-09	6.47E-09	4.03E-09	1.24E-09	5.27E-09	9.54E-10	3.17E-10	1.27E-09	7.43E-10	1.53E-10	8.96E-10
8813	625502.67	4265844.94	4.82E-09	1.66E-09	6.47E-09	4.03E-09	1.24E-09	5.27E-09	9.53E-10	3.17E-10	1.27E-09	7.43E-10	1.53E-10	8.96E-10
8814	625502.83	4265835.01	4.82E-09	1.66E-09	6.47E-09	4.03E-09	1.24E-09	5.27E-09	9.53E-10	3.17E-10	1.27E-09	7.43E-10	1.53E-10	8.96E-10
8815	625502.99	4265825.08	4.82E-09	1.66E-09	6.48E-09	4.03E-09	1.24E-09	5.27E-09	9.54E-10	3.18E-10	1.27E-09	7.44E-10	1.53E-10	8.97E-10
8816	625503.16	4265815.14	4.83E-09	1.66E-09	6.48E-09	4.03E-09	1.24E-09	5.28E-09	9.55E-10	3.18E-10	1.27E-09	7.45E-10	1.53E-10	8.98E-10
8817	625503.32	4265805.21	4.83E-09	1.66E-09	6.50E-09	4.04E-09	1.24E-09	5.29E-09	9.57E-10	3.19E-10	1.28E-09	7.46E-10	1.53E-10	8.99E-10
8818	625503.48	4265795.28	4.85E-09	1.67E-09	6.51E-09	4.05E-09	1.25E-09	5.30E-09	9.59E-10	3.19E-10	1.28E-09	7.48E-10	1.54E-10	9.02E-10
8819	625503.65	4265785.34	4.86E-09	1.67E-09	6.53E-09	4.06E-09	1.25E-09	5.32E-09	9.62E-10	3.20E-10	1.28E-09	7.50E-10	1.54E-10	9.05E-10
8820	625503.81	4265775.41	4.88E-09	1.68E-09	6.56E-09	4.08E-09	1.26E-09	5.34E-09	9.66E-10	3.22E-10	1.29E-09	7.53E-10	1.55E-10	9.08E-10
8821	625503.97	4265765.48	4.90E-09	1.69E-09	6.59E-09	4.10E-09	1.26E-09	5.36E-09	9.70E-10	3.23E-10	1.29E-09	7.56E-10	1.56E-10	9.12E-10
8822	625504.14	4265755.54	4.92E-09	1.69E-09	6.62E-09	4.12E-09	1.27E-09	5.38E-09	9.75E-10	3.24E-10	1.30E-09	7.60E-10	1.56E-10	9.16E-10
8823	625504.3	4265745.61	4.95E-09	1.70E-09	6.65E-09	4.14E-09	1.27E-09	5.41E-09	9.80E-10	3.26E-10	1.31E-09	7.64E-10	1.57E-10	9.21E-10
8824	625504.46	4265735.68	4.98E-09	1.71E-09	6.69E-09	4.16E-09	1.28E-09	5.44E-09	9.85E-10	3.28E-10	1.31E-09	7.68E-10	1.58E-10	9.26E-10
8825	625504.63	4265725.74	5.01E-09	1.72E-09	6.73E-09	4.19E-09	1.29E-09	5.48E-09	9.91E-10	3.30E-10	1.32E-09	7.73E-10	1.59E-10	9.32E-10
8826	625504.79	4265715.81	5.04E-09	1.73E-09	6.77E-09	4.21E-09	1.30E-09	5.51E-09	9.98E-10	3.32E-10	1.33E-09	7.78E-10	1.60E-10	9.38E-10
8827	625504.95	4265705.88	5.07E-09	1.74E-09	6.81E-09	4.24E-09	1.31E-09	5.54E-09	1.00E-09	3.34E-10	1.34E-09	7.82E-10	1.61E-10	9.43E-10
8828	625505.12	4265695.94	5.10E-09	1.75E-09	6.86E-09	4.26E-09	1.31E-09	5.58E-09	1.01E-09	3.36E-10	1.35E-09	7.87E-10	1.62E-10	9.49E-10

8829	625505.28	4265686.01	5.13E-09	1.77E-09	6.90E-09	4.29E-09	1.32E-09	5.61E-09	1.02E-09	3.38E-10	1.35E-09	7.92E-10	1.63E-10	9.55E-10
8830	625535.56	4266190.96	4.50E-09	1.55E-09	6.05E-09	3.76E-09	1.16E-09	4.92E-09	8.91E-10	2.96E-10	1.19E-09	6.94E-10	1.43E-10	8.37E-10
8831	625531.61	4266200.07	4.52E-09	1.56E-09	6.08E-09	3.78E-09	1.16E-09	4.95E-09	8.96E-10	2.98E-10	1.19E-09	6.98E-10	1.44E-10	8.42E-10
8832	625527.66	4266209.18	4.55E-09	1.56E-09	6.11E-09	3.80E-09	1.17E-09	4.97E-09	9.00E-10	3.00E-10	1.20E-09	7.02E-10	1.44E-10	8.46E-10
8833	625523.7	4266218.29	4.57E-09	1.57E-09	6.14E-09	3.82E-09	1.18E-09	4.99E-09	9.04E-10	3.01E-10	1.20E-09	7.05E-10	1.45E-10	8.50E-10
8834	625519.75	4266227.39	4.58E-09	1.58E-09	6.16E-09	3.83E-09	1.18E-09	5.01E-09	9.07E-10	3.02E-10	1.21E-09	7.07E-10	1.45E-10	8.53E-10
8835	625515.8	4266236.5	4.60E-09	1.58E-09	6.18E-09	3.85E-09	1.18E-09	5.03E-09	9.11E-10	3.03E-10	1.21E-09	7.10E-10	1.46E-10	8.56E-10
8836	625511.84	4266245.61	4.61E-09	1.59E-09	6.20E-09	3.86E-09	1.19E-09	5.04E-09	9.13E-10	3.04E-10	1.22E-09	7.12E-10	1.46E-10	8.58E-10
8837	625507.89	4266254.72	4.62E-09	1.59E-09	6.21E-09	3.86E-09	1.19E-09	5.06E-09	9.15E-10	3.05E-10	1.22E-09	7.13E-10	1.47E-10	8.60E-10
8838	625503.94	4266263.83	4.63E-09	1.59E-09	6.22E-09	3.87E-09	1.19E-09	5.06E-09	9.17E-10	3.05E-10	1.22E-09	7.15E-10	1.47E-10	8.62E-10
8839	625499.98	4266272.94	4.64E-09	1.59E-09	6.23E-09	3.87E-09	1.19E-09	5.07E-09	9.18E-10	3.05E-10	1.22E-09	7.15E-10	1.47E-10	8.62E-10
8840	625496.03	4266282.05	4.64E-09	1.60E-09	6.23E-09	3.88E-09	1.19E-09	5.07E-09	9.18E-10	3.06E-10	1.22E-09	7.16E-10	1.47E-10	8.63E-10
8841	625492.07	4266291.16	4.64E-09	1.60E-09	6.23E-09	3.88E-09	1.19E-09	5.07E-09	9.18E-10	3.06E-10	1.22E-09	7.16E-10	1.47E-10	8.63E-10
8842	625456.49	4266373.13	4.63E-09	1.59E-09	6.22E-09	3.87E-09	1.19E-09	5.06E-09	9.16E-10	3.05E-10	1.22E-09	7.14E-10	1.47E-10	8.61E-10
8843	625452.54	4266382.24	4.63E-09	1.59E-09	6.23E-09	3.87E-09	1.19E-09	5.06E-09	9.17E-10	3.05E-10	1.22E-09	7.15E-10	1.47E-10	8.62E-10
8844	625448.58	4266391.35	4.64E-09	1.60E-09	6.24E-09	3.88E-09	1.19E-09	5.07E-09	9.19E-10	3.06E-10	1.22E-09	7.16E-10	1.47E-10	8.63E-10
8845	625444.63	4266400.46	4.65E-09	1.60E-09	6.25E-09	3.89E-09	1.20E-09	5.09E-09	9.21E-10	3.06E-10	1.23E-09	7.18E-10	1.48E-10	8.65E-10
8846	625440.68	4266409.57	4.67E-09	1.60E-09	6.27E-09	3.90E-09	1.20E-09	5.10E-09	9.24E-10	3.07E-10	1.23E-09	7.20E-10	1.48E-10	8.68E-10
8847	625436.72	4266418.68	4.68E-09	1.61E-09	6.29E-09	3.91E-09	1.21E-09	5.12E-09	9.27E-10	3.09E-10	1.24E-09	7.23E-10	1.49E-10	8.71E-10
8848	625432.77	4266427.79	4.70E-09	1.62E-09	6.32E-09	3.93E-09	1.21E-09	5.14E-09	9.31E-10	3.10E-10	1.24E-09	7.25E-10	1.49E-10	8.75E-10
8849	625428.82	4266436.9	4.72E-09	1.62E-09	6.35E-09	3.95E-09	1.22E-09	5.16E-09	9.35E-10	3.11E-10	1.25E-09	7.29E-10	1.50E-10	8.79E-10
8850	625424.86	4266446	4.75E-09	1.63E-09	6.38E-09	3.97E-09	1.22E-09	5.19E-09	9.40E-10	3.13E-10	1.25E-09	7.33E-10	1.51E-10	8.83E-10
8851	625420.91	4266455.11	4.77E-09	1.64E-09	6.41E-09	3.99E-09	1.23E-09	5.22E-09	9.45E-10	3.14E-10	1.26E-09	7.37E-10	1.51E-10	8.88E-10
8852	625416.96	4266464.22	4.80E-09	1.65E-09	6.45E-09	4.01E-09	1.24E-09	5.25E-09	9.50E-10	3.16E-10	1.27E-09	7.41E-10	1.52E-10	8.93E-10
8853	625413	4266473.33	4.83E-09	1.66E-09	6.49E-09	4.04E-09	1.24E-09	5.28E-09	9.56E-10	3.18E-10	1.27E-09	7.45E-10	1.53E-10	8.99E-10
8854	625409.05	4266482.44	4.86E-09	1.67E-09	6.53E-09	4.06E-09	1.25E-09	5.32E-09	9.62E-10	3.20E-10	1.28E-09	7.50E-10	1.54E-10	9.05E-10
8855	625405.09	4266491.55	4.90E-09	1.68E-09	6.58E-09	4.09E-09	1.26E-09	5.35E-09	9.69E-10	3.23E-10	1.29E-09	7.55E-10	1.55E-10	9.11E-10
8856	625401.14	4266500.66	4.93E-09	1.69E-09	6.62E-09	4.12E-09	1.27E-09	5.39E-09	9.76E-10	3.25E-10	1.30E-09	7.61E-10	1.56E-10	9.17E-10
8857	625397.19	4266509.77	4.96E-09	1.71E-09	6.67E-09	4.15E-09	1.28E-09	5.43E-09	9.82E-10	3.27E-10	1.31E-09	7.66E-10	1.58E-10	9.23E-10
8858	625393.23	4266518.87	5.00E-09	1.72E-09	6.72E-09	4.18E-09	1.29E-09	5.46E-09	9.89E-10	3.29E-10	1.32E-09	7.71E-10	1.59E-10	9.30E-10
8859	625389.28	4266527.98	5.03E-09	1.73E-09	6.76E-09	4.21E-09	1.30E-09	5.50E-09	9.96E-10	3.32E-10	1.33E-09	7.77E-10	1.60E-10	9.36E-10
8860	625385.33	4266537.09	5.07E-09	1.74E-09	6.81E-09	4.24E-09	1.31E-09	5.54E-09	1.00E-09	3.34E-10	1.34E-09	7.82E-10	1.61E-10	9.43E-10
8861	625381.37	4266546.2	5.10E-09	1.76E-09	6.86E-09	4.27E-09	1.31E-09	5.58E-09	1.01E-09	3.36E-10	1.35E-09	7.88E-10	1.62E-10	9.50E-10
8862	625377.42	4266555.31	5.14E-09	1.77E-09	6.91E-09	4.30E-09	1.32E-09	5.62E-09	1.02E-09	3.39E-10	1.36E-09	7.93E-10	1.63E-10	9.56E-10
8863	625373.47	4266564.42	5.17E-09	1.78E-09	6.95E-09	4.33E-09	1.33E-09	5.66E-09	1.02E-09	3.41E-10	1.37E-09	7.98E-10	1.64E-10	9.63E-10
8864	625369.51	4266573.53	5.21E-09	1.79E-09	7.00E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.04E-10	1.65E-10	9.69E-10
8865	625365.56	4266582.63	5.24E-09	1.80E-09	7.04E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.45E-10	1.38E-09	8.09E-10	1.66E-10	9.75E-10
8866	625361.6	4266591.74	5.27E-09	1.81E-09	7.09E-09	4.41E-09	1.36E-09	5.77E-09	1.04E-09	3.48E-10	1.39E-09	8.14E-10	1.67E-10	9.81E-10
8867	625357.65	4266600.85	5.31E-09	1.82E-09	7.13E-09	4.43E-09	1.37E-09	5.80E-09	1.05E-09	3.50E-10	1.40E-09	8.19E-10	1.68E-10	9.87E-10
8868	625353.7	4266609.96	5.34E-09	1.83E-09	7.17E-09	4.46E-09	1.37E-09	5.83E-09	1.06E-09	3.51E-10	1.41E-09	8.23E-10	1.69E-10	9.93E-10
8869	625349.74	4266619.07	5.36E-09	1.84E-09	7.21E-09	4.48E-09	1.38E-09	5.86E-09	1.06E-09	3.53E-10	1.42E-09	8.28E-10	1.70E-10	9.98E-10
8870	625345.79	4266628.18	5.39E-09	1.85E-09	7.24E-09	4.51E-09	1.39E-09	5.89E-09	1.07E-09	3.55E-10	1.42E-09	8.32E-10	1.71E-10	1.00E-09
8871	625341.84	4266637.29	5.42E-09	1.86E-09	7.28E-09	4.53E-09	1.39E-09	5.92E-09	1.07E-09	3.57E-10	1.43E-09	8.36E-10	1.72E-10	1.01E-09
8872	625337.88	4266646.4	5.44E-09	1.87E-09	7.31E-09	4.55E-09	1.40E-09	5.95E-09	1.08E-09	3.58E-10	1.44E-09	8.39E-10	1.73E-10	1.01E-09
8873	625324.69	4266659.14	5.55E-09	1.91E-09	7.46E-09	4.64E-09	1.43E-09	6.07E-09	1.10E-09	3.66E-10	1.47E-09	8.57E-10	1.76E-10	1.03E-09
8874	625315.45	4266662.78	5.65E-09	1.94E-09	7.59E-09	4.72E-09	1.45E-09	6.18E-09	1.12E-09	3.72E-10	1.49E-09	8.72E-10	1.79E-10	1.05E-09
8875	625306.21	4266666.42	5.74E-09	1.97E-09	7.72E-09	4.80E-09	1.48E-09	6.28E-09	1.14E-09	3.78E-10	1.51E-09	8.86E-10	1.82E-10	1.07E-09
8876	625296.97	4266670.06	5.84E-09	2.01E-09	7.84E-09	4.88E-09	1.50E-09	6.38E-09	1.16E-09	3.85E-10	1.54E-09	9.01E-10	1.85E-10	1.09E-09
8877	625287.73	4266673.7	5.93E-09	2.04E-09	7.97E-09	4.96E-09	1.53E-09	6.48E-09	1.17E-09	3.91E-10	1.56E-09	9.15E-10	1.88E-10	1.10E-09
8878	625278.49	4266677.34	6.03E-09	2.07E-09	8.10E-09	5.04E-09	1.55E-09	6.59E-09	1.19E-09	3.97E-10	1.59E-09	9.30E-10	1.91E-10	1.12E-09
8879	625269.26	4266680.98	6.12E-09	2.10E-09	8.22E-09	5.12E-09	1.58E-09	6.69E-09	1.21E-09	4.03E-10	1.61E-09	9.44E-10	1.94E-10	1.14E-09
8880	625260.02	4266684.61	6.21E-09	2.14E-09	8.35E-09	5.19E-09	1.60E-09	6.79E-09	1.23E-09	4.09E-10	1.64E-09	9.59E-10	1.97E-10	1.16E-09
8881	625250.78	4266688.25	6.31E-09	2.17E-09	8.48E-09	5.27E-09	1.62E-09	6.90E-09	1.25E-09	4.16E-10	1.66E-09	9.73E-10	2.00E-10	1.17E-09
8882	625241.54	4266691.89	6.40E-09	2.20E-09	8.60E-09	5.35E-09	1.65E-09	7.00E-09	1.27E-09	4.22E-10	1.69E-09	9.87E-10	2.03E-10	1.19E-09
8883	625232.3	4266695.53	6.49E-09	2.23E-09	8.72E-09	5.43E-09	1.67E-09	7.10E-09	1.28E-09	4.28E-10	1.71E-09	1.00E-09	2.06E-10	1.21E-09
8884	625223.06	4266699.17	6.58E-09	2.26E-09	8.84E-09	5.50E-09	1.69E-09	7.20E-09	1.30E-09	4.34E-10	1.74E-09	1.02E-09	2.09E-10	1.22E-09
8885	625213.82	4266702.81	6.67E-09	2.29E-09	8.96E-09	5.58E-09	1.72E-09	7.29E-09	1.32E-09	4.40E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
8886	625204.58	4266706.45	6.76E-09	2.32E-09	9.08E-09	5.65E-09	1.74E-09	7.39E-09	1.34E-09	4.45E-10	1.78E-09	1.04E-09	2.15E-10	1.26E-09
8887	625195.34	4266710.09	6.85E-09	2.35E-09	9.20E-09	5.72E-09	1.76E-09	7.48E-09	1.35E-09	4.51E-10	1.81E-09	1.06E-09	2.17E-10	1.27E-09
8888	625186.1	4266713.73	6.93E-09	2.38E-09	9.31E-09	5.79E-09	1.78E-09	7.58E-09	1.37E-09	4.57E-10	1.83E-09	1.07E-09	2.20E-10	1.29E-09
8889	625176.87	4266717.36	7.01E-09	2.41E-09	9.43E-09	5.86E-09	1.81E-09	7.67E-09	1.39E-09	4.62E-10	1.85E-09	1.08E-09	2.23E-10	1.30E-09
8890	625167.63	4266721	7.10E-09	2.44E-09	9.54E-09	5.93E-09	1.83E-09	7.76E-09	1.40E-09	4.68E-10	1.87E-09	1.09E-09	2.25E-10	1.32E-09
8891	625158.39	4266724.64	7.18E-09	2.47E-09	9.64E-09	6.00E-09	1.85E-09	7.85E-09	1.42E-09	4.73E-10	1.89E-09	1.11E-09	2.28E-10	1.33E-09
8892	625149.15	4266728.28	7.25E-09	2.49E-09	9.75E-09	6.06E-09	1.87E-09	7.93E-09	1.44E-09	4.78E-10	1.91E-09	1.12E-09	2.30E-10	1.35E-09
8893	625139.91	4266731.92	7.33E-09	2.52E-09	9.85E-09	6.13E-09	1.89E-09	8.01E-09	1.45E-09	4.83E-10	1.93E-09	1.13E-09	2.33E-10	1.36E-09
8894	625130.67	4266735.56	7.40E-09	2.55E-09	9.95E-09	6.19E-09	1.91E-09	8.09E-09	1.47E-09	4.88E-10	1.95E-09	1.14E-09	2.35E-10	1.38E-09
8895	625121.43	4266739.2	7.47E-09	2.57E-09	1.00E-08	6.25E-09	1.92E-09	8.17E-09	1.48E-09	4.92E-10	1.97E-09	1.15E-09	2.37E-10	1.39E-09
8896	625112.19	4266742.84	7.54E-09	2.59E-09	1.01E-08	6.30E-09	1.94E-09	8.25E-09	1.49E-09	4.97E-10	1.99E-09	1.16E-09	2.39E-10	1.40E-09
8897	625102.95	4266746.47	7.61E-09	2.62E-09	1.02E-08	6.36E-09	1.96E-09	8.32E-09	1.51E-09	5.01E-10	2.01E-09	1.17E-09	2.41E-10	1.42E-09

8898	625093.71	4266750.11	7.67E-09	2.64E-09	1.03E-08	6.41E-09	1.97E-09	8.38E-09	1.52E-09	5.05E-10	2.02E-09	1.18E-09	2.43E-10	1.43E-09
8899	625084.48	4266753.75	7.73E-09	2.66E-09	1.04E-08	6.46E-09	1.99E-09	8.45E-09	1.53E-09	5.09E-10	2.04E-09	1.19E-09	2.45E-10	1.44E-09
8900	625075.24	4266757.39	7.78E-09	2.68E-09	1.05E-08	6.50E-09	2.00E-09	8.51E-09	1.54E-09	5.13E-10	2.05E-09	1.20E-09	2.47E-10	1.45E-09
8901	625066	4266761.03	7.83E-09	2.69E-09	1.05E-08	6.54E-09	2.02E-09	8.56E-09	1.55E-09	5.16E-10	2.07E-09	1.21E-09	2.48E-10	1.46E-09
8902	625056.76	4266764.67	7.88E-09	2.71E-09	1.06E-08	6.58E-09	2.03E-09	8.61E-09	1.56E-09	5.19E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
8903	625047.52	4266768.31	7.92E-09	2.72E-09	1.06E-08	6.62E-09	2.04E-09	8.66E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
8904	625038.28	4266771.95	7.96E-09	2.74E-09	1.07E-08	6.65E-09	2.05E-09	8.70E-09	1.58E-09	5.24E-10	2.10E-09	1.23E-09	2.53E-10	1.48E-09
8905	625029.04	4266775.58	8.00E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.27E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
8906	625019.8	4266779.22	8.03E-09	2.76E-09	1.08E-08	6.71E-09	2.07E-09	8.78E-09	1.59E-09	5.29E-10	2.12E-09	1.24E-09	2.55E-10	1.49E-09
8907	625010.56	4266782.86	8.06E-09	2.77E-09	1.08E-08	6.73E-09	2.07E-09	8.81E-09	1.59E-09	5.31E-10	2.13E-09	1.24E-09	2.56E-10	1.50E-09
8908	625001.32	4266786.5	8.08E-09	2.78E-09	1.09E-08	6.75E-09	2.08E-09	8.83E-09	1.60E-09	5.32E-10	2.13E-09	1.25E-09	2.56E-10	1.50E-09
8909	624992.08	4266790.14	8.10E-09	2.79E-09	1.09E-08	6.77E-09	2.09E-09	8.86E-09	1.60E-09	5.34E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
8910	624982.85	4266793.78	8.12E-09	2.79E-09	1.09E-08	6.78E-09	2.09E-09	8.87E-09	1.61E-09	5.35E-10	2.14E-09	1.25E-09	2.58E-10	1.51E-09
8911	624973.61	4266797.42	8.13E-09	2.80E-09	1.09E-08	6.80E-09	2.09E-09	8.89E-09	1.61E-09	5.36E-10	2.14E-09	1.25E-09	2.58E-10	1.51E-09
8912	624964.37	4266801.06	8.14E-09	2.80E-09	1.09E-08	6.80E-09	2.10E-09	8.90E-09	1.61E-09	5.36E-10	2.15E-09	1.26E-09	2.58E-10	1.51E-09
8913	624955.13	4266804.69	8.14E-09	2.80E-09	1.09E-08	6.80E-09	2.10E-09	8.90E-09	1.61E-09	5.36E-10	2.15E-09	1.26E-09	2.58E-10	1.51E-09
8914	624945.89	4266808.33	8.14E-09	2.80E-09	1.09E-08	6.80E-09	2.10E-09	8.90E-09	1.61E-09	5.36E-10	2.15E-09	1.26E-09	2.58E-10	1.51E-09
8915	624936.65	4266811.97	8.13E-09	2.80E-09	1.09E-08	6.80E-09	2.09E-09	8.89E-09	1.61E-09	5.36E-10	2.15E-09	1.26E-09	2.58E-10	1.51E-09
8916	624927.41	4266815.61	8.12E-09	2.79E-09	1.09E-08	6.79E-09	2.09E-09	8.88E-09	1.61E-09	5.35E-10	2.14E-09	1.25E-09	2.58E-10	1.51E-09
8917	624918.17	4266819.25	8.11E-09	2.79E-09	1.09E-08	6.78E-09	2.09E-09	8.87E-09	1.61E-09	5.34E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
8918	624908.93	4266822.89	8.09E-09	2.78E-09	1.09E-08	6.76E-09	2.08E-09	8.85E-09	1.60E-09	5.33E-10	2.14E-09	1.25E-09	2.57E-10	1.51E-09
8919	624899.69	4266826.53	8.07E-09	2.78E-09	1.08E-08	6.75E-09	2.08E-09	8.82E-09	1.60E-09	5.32E-10	2.13E-09	1.25E-09	2.56E-10	1.50E-09
8920	624890.46	4266830.17	8.05E-09	2.77E-09	1.08E-08	6.73E-09	2.07E-09	8.80E-09	1.59E-09	5.30E-10	2.12E-09	1.24E-09	2.55E-10	1.50E-09
8921	624881.22	4266833.8	8.02E-09	2.76E-09	1.08E-08	6.70E-09	2.06E-09	8.77E-09	1.59E-09	5.28E-10	2.12E-09	1.24E-09	2.55E-10	1.49E-09
8922	624871.98	4266837.44	7.99E-09	2.75E-09	1.07E-08	6.68E-09	2.06E-09	8.74E-09	1.58E-09	5.26E-10	2.11E-09	1.23E-09	2.54E-10	1.49E-09
8923	624862.74	4266841.08	7.96E-09	2.74E-09	1.07E-08	6.65E-09	2.05E-09	8.70E-09	1.58E-09	5.24E-10	2.10E-09	1.23E-09	2.53E-10	1.48E-09
8924	624853.5	4266844.72	7.92E-09	2.72E-09	1.06E-08	6.62E-09	2.04E-09	8.66E-09	1.57E-09	5.22E-10	2.09E-09	1.22E-09	2.51E-10	1.47E-09
8925	624844.26	4266848.36	7.89E-09	2.71E-09	1.06E-08	6.59E-09	2.03E-09	8.62E-09	1.56E-09	5.20E-10	2.08E-09	1.22E-09	2.50E-10	1.47E-09
8926	625547.43	4266163.63	4.41E-09	1.52E-09	5.93E-09	3.69E-09	1.14E-09	4.83E-09	8.74E-10	2.91E-10	1.16E-09	6.81E-10	1.40E-10	8.21E-10
8927	625547.59	4266153.7	4.41E-09	1.52E-09	5.93E-09	3.69E-09	1.14E-09	4.82E-09	8.73E-10	2.91E-10	1.16E-09	6.81E-10	1.40E-10	8.21E-10
8928	625547.75	4266143.77	4.41E-09	1.52E-09	5.93E-09	3.69E-09	1.14E-09	4.82E-09	8.73E-10	2.90E-10	1.16E-09	6.80E-10	1.40E-10	8.20E-10
8929	625547.92	4266133.83	4.41E-09	1.52E-09	5.92E-09	3.68E-09	1.13E-09	4.82E-09	8.72E-10	2.90E-10	1.16E-09	6.80E-10	1.40E-10	8.20E-10
8930	625548.08	4266123.9	4.40E-09	1.51E-09	5.92E-09	3.68E-09	1.13E-09	4.81E-09	8.71E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.19E-10
8931	625548.24	4266113.97	4.40E-09	1.51E-09	5.91E-09	3.68E-09	1.13E-09	4.81E-09	8.71E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.18E-10
8932	625548.41	4266104.03	4.40E-09	1.51E-09	5.91E-09	3.67E-09	1.13E-09	4.81E-09	8.70E-10	2.90E-10	1.16E-09	6.78E-10	1.39E-10	8.18E-10
8933	625548.57	4266094.1	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.69E-10	2.89E-10	1.16E-09	6.78E-10	1.39E-10	8.17E-10
8934	625548.73	4266084.17	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.69E-10	2.89E-10	1.16E-09	6.77E-10	1.39E-10	8.17E-10
8935	625548.9	4266074.23	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.69E-10	2.89E-10	1.16E-09	6.77E-10	1.39E-10	8.17E-10
8936	625549.06	4266064.3	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.69E-10	2.89E-10	1.16E-09	6.77E-10	1.39E-10	8.17E-10
8937	625549.22	4266054.37	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.69E-10	2.89E-10	1.16E-09	6.78E-10	1.39E-10	8.17E-10
8938	625549.39	4266044.43	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.69E-10	2.89E-10	1.16E-09	6.78E-10	1.39E-10	8.17E-10
8939	625549.55	4266034.5	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.70E-10	2.89E-10	1.16E-09	6.78E-10	1.39E-10	8.17E-10
8940	625549.71	4266024.57	4.40E-09	1.51E-09	5.91E-09	3.67E-09	1.13E-09	4.81E-09	8.70E-10	2.90E-10	1.16E-09	6.78E-10	1.39E-10	8.18E-10
8941	625549.88	4266014.63	4.40E-09	1.51E-09	5.91E-09	3.68E-09	1.13E-09	4.81E-09	8.70E-10	2.90E-10	1.16E-09	6.78E-10	1.40E-10	8.18E-10
8942	625550.04	4266004.7	4.40E-09	1.51E-09	5.91E-09	3.68E-09	1.13E-09	4.81E-09	8.71E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.18E-10
8943	625550.21	4265994.77	4.40E-09	1.51E-09	5.91E-09	3.68E-09	1.13E-09	4.81E-09	8.71E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.18E-10
8944	625550.37	4265984.83	4.40E-09	1.51E-09	5.91E-09	3.68E-09	1.13E-09	4.81E-09	8.71E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.18E-10
8945	625550.53	4265974.9	4.40E-09	1.51E-09	5.91E-09	3.68E-09	1.13E-09	4.81E-09	8.71E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.18E-10
8946	625550.7	4265964.97	4.40E-09	1.51E-09	5.91E-09	3.68E-09	1.13E-09	4.81E-09	8.71E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.18E-10
8947	625550.86	4265955.03	4.40E-09	1.51E-09	5.91E-09	3.67E-09	1.13E-09	4.81E-09	8.70E-10	2.90E-10	1.16E-09	6.78E-10	1.39E-10	8.18E-10
8948	625551.02	4265945.1	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.70E-10	2.89E-10	1.16E-09	6.78E-10	1.39E-10	8.17E-10
8949	625551.19	4265935.17	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.69E-10	2.89E-10	1.16E-09	6.77E-10	1.39E-10	8.17E-10
8950	625551.35	4265925.23	4.38E-09	1.51E-09	5.89E-09	3.66E-09	1.13E-09	4.79E-09	8.68E-10	2.89E-10	1.16E-09	6.77E-10	1.39E-10	8.16E-10
8951	625551.51	4265915.3	4.38E-09	1.51E-09	5.88E-09	3.66E-09	1.13E-09	4.79E-09	8.67E-10	2.88E-10	1.15E-09	6.76E-10	1.39E-10	8.14E-10
8952	625551.68	4265905.37	4.37E-09	1.50E-09	5.87E-09	3.65E-09	1.13E-09	4.78E-09	8.65E-10	2.88E-10	1.15E-09	6.75E-10	1.39E-10	8.13E-10
8953	625551.84	4265895.43	4.36E-09	1.50E-09	5.87E-09	3.65E-09	1.12E-09	4.77E-09	8.64E-10	2.88E-10	1.15E-09	6.74E-10	1.39E-10	8.12E-10
8954	625552	4265885.5	4.36E-09	1.50E-09	5.86E-09	3.64E-09	1.12E-09	4.77E-09	8.63E-10	2.87E-10	1.15E-09	6.73E-10	1.38E-10	8.11E-10
8955	625552.17	4265875.57	4.35E-09	1.50E-09	5.85E-09	3.64E-09	1.12E-09	4.76E-09	8.62E-10	2.87E-10	1.15E-09	6.72E-10	1.38E-10	8.10E-10
8956	625552.33	4265865.63	4.35E-09	1.50E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.61E-10	2.87E-10	1.15E-09	6.71E-10	1.38E-10	8.09E-10
8957	625552.49	4265855.7	4.35E-09	1.49E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.60E-10	2.86E-10	1.15E-09	6.70E-10	1.38E-10	8.08E-10
8958	625552.66	4265845.77	4.34E-09	1.49E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.60E-10	2.86E-10	1.15E-09	6.70E-10	1.38E-10	8.08E-10
8959	625552.82	4265835.83	4.35E-09	1.49E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.60E-10	2.86E-10	1.15E-09	6.70E-10	1.38E-10	8.08E-10
8960	625552.99	4265825.9	4.35E-09	1.49E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.60E-10	2.86E-10	1.15E-09	6.71E-10	1.38E-10	8.09E-10
8961	625553.15	4265815.97	4.35E-09	1.50E-09	5.85E-09	3.64E-09	1.12E-09	4.76E-09	8.61E-10	2.87E-10	1.15E-09	6.71E-10	1.38E-10	8.09E-10
8962	625553.31	4265806.03	4.36E-09	1.50E-09	5.85E-09	3.64E-09	1.12E-09	4.76E-09	8.62E-10	2.87E-10	1.15E-09	6.72E-10	1.38E-10	8.10E-10
8963	625553.48	4265796.1	4.37E-09	1.50E-09	5.87E-09	3.65E-09	1.12E-09	4.77E-09	8.64E-10	2.88E-10	1.15E-09	6.74E-10	1.39E-10	8.13E-10
8964	625553.64	4265786.17	4.38E-09	1.51E-09	5.89E-09	3.66E-09	1.13E-09	4.79E-09	8.67E-10	2.89E-10	1.16E-09	6.76E-10	1.39E-10	8.15E-10
8965	625553.8	4265776.23	4.40E-09	1.51E-09	5.91E-09	3.68E-09	1.13E-09	4.81E-09	8.71E-10	2.90E-10	1.16E-09	6.79E-10	1.40E-10	8.19E-10
8966	625553.97	4265766.3	4.42E-09	1.52E-09	5.94E-09	3.70E-09	1.14E-09	4.83E-09	8.75E-10	2.91E-10	1.17E-09	6.82E-10	1.40E-10	8.23E-10

8967	625554.13	4265756.37	4.44E-09	1.53E-09	5.97E-09	3.72E-09	1.14E-09	4.86E-09	8.80E-10	2.93E-10	1.17E-09	6.86E-10	1.41E-10	8.27E-10
8968	625554.29	4265746.43	4.47E-09	1.54E-09	6.01E-09	3.74E-09	1.15E-09	4.89E-09	8.85E-10	2.94E-10	1.18E-09	6.90E-10	1.42E-10	8.32E-10
8969	625554.46	4265736.5	4.50E-09	1.55E-09	6.04E-09	3.76E-09	1.16E-09	4.92E-09	8.90E-10	2.96E-10	1.19E-09	6.94E-10	1.43E-10	8.37E-10
8970	625554.62	4265726.57	4.52E-09	1.56E-09	6.08E-09	3.78E-09	1.16E-09	4.95E-09	8.96E-10	2.98E-10	1.19E-09	6.98E-10	1.44E-10	8.42E-10
8971	625554.78	4265716.63	4.55E-09	1.57E-09	6.12E-09	3.81E-09	1.17E-09	4.98E-09	9.01E-10	3.00E-10	1.20E-09	7.03E-10	1.45E-10	8.47E-10
8972	625554.95	4265706.7	4.58E-09	1.57E-09	6.15E-09	3.83E-09	1.18E-09	5.01E-09	9.06E-10	3.02E-10	1.21E-09	7.07E-10	1.45E-10	8.52E-10
8973	625555.11	4265696.77	4.60E-09	1.58E-09	6.19E-09	3.85E-09	1.19E-09	5.03E-09	9.11E-10	3.03E-10	1.21E-09	7.10E-10	1.46E-10	8.56E-10
8974	625555.28	4265686.83	4.63E-09	1.59E-09	6.22E-09	3.87E-09	1.19E-09	5.06E-09	9.16E-10	3.05E-10	1.22E-09	7.14E-10	1.47E-10	8.61E-10
8975	625635.61	4266192.48	3.87E-09	1.33E-09	5.19E-09	3.23E-09	9.95E-10	4.23E-09	7.65E-10	2.55E-10	1.02E-09	5.96E-10	1.23E-10	7.19E-10
8976	625631.67	4266201.55	3.89E-09	1.34E-09	5.22E-09	3.25E-09	1.00E-09	4.25E-09	7.69E-10	2.56E-10	1.03E-09	6.00E-10	1.23E-10	7.23E-10
8977	625627.73	4266210.61	3.91E-09	1.34E-09	5.25E-09	3.26E-09	1.01E-09	4.27E-09	7.73E-10	2.57E-10	1.03E-09	6.03E-10	1.24E-10	7.27E-10
8978	625623.8	4266219.68	3.92E-09	1.35E-09	5.27E-09	3.28E-09	1.01E-09	4.29E-09	7.77E-10	2.58E-10	1.03E-09	6.05E-10	1.24E-10	7.30E-10
8979	625619.86	4266228.75	3.94E-09	1.35E-09	5.29E-09	3.29E-09	1.01E-09	4.31E-09	7.80E-10	2.59E-10	1.04E-09	6.08E-10	1.25E-10	7.33E-10
8980	625615.93	4266237.81	3.95E-09	1.36E-09	5.31E-09	3.30E-09	1.02E-09	4.32E-09	7.82E-10	2.60E-10	1.04E-09	6.10E-10	1.25E-10	7.35E-10
8981	625611.99	4266246.88	3.96E-09	1.36E-09	5.33E-09	3.31E-09	1.02E-09	4.33E-09	7.84E-10	2.61E-10	1.05E-09	6.12E-10	1.26E-10	7.37E-10
8982	625608.06	4266255.95	3.97E-09	1.37E-09	5.34E-09	3.32E-09	1.02E-09	4.34E-09	7.86E-10	2.62E-10	1.05E-09	6.13E-10	1.26E-10	7.39E-10
8983	625604.12	4266265.01	3.98E-09	1.37E-09	5.34E-09	3.32E-09	1.02E-09	4.35E-09	7.87E-10	2.62E-10	1.05E-09	6.14E-10	1.26E-10	7.40E-10
8984	625600.19	4266274.08	3.98E-09	1.37E-09	5.35E-09	3.33E-09	1.02E-09	4.35E-09	7.88E-10	2.62E-10	1.05E-09	6.14E-10	1.26E-10	7.40E-10
8985	625596.25	4266283.15	3.98E-09	1.37E-09	5.35E-09	3.33E-09	1.02E-09	4.35E-09	7.88E-10	2.62E-10	1.05E-09	6.14E-10	1.26E-10	7.40E-10
8986	625592.32	4266292.21	3.98E-09	1.37E-09	5.35E-09	3.33E-09	1.02E-09	4.35E-09	7.87E-10	2.62E-10	1.05E-09	6.14E-10	1.26E-10	7.40E-10
8987	625556.9	4266373.81	3.91E-09	1.34E-09	5.25E-09	3.27E-09	1.01E-09	4.27E-09	7.73E-10	2.57E-10	1.03E-09	6.03E-10	1.24E-10	7.27E-10
8988	625552.96	4266382.88	3.90E-09	1.34E-09	5.24E-09	3.26E-09	1.00E-09	4.27E-09	7.72E-10	2.57E-10	1.03E-09	6.02E-10	1.24E-10	7.26E-10
8989	625549.03	4266391.95	3.90E-09	1.34E-09	5.24E-09	3.26E-09	1.00E-09	4.26E-09	7.72E-10	2.57E-10	1.03E-09	6.01E-10	1.24E-10	7.25E-10
8990	625545.09	4266401.02	3.90E-09	1.34E-09	5.24E-09	3.26E-09	1.00E-09	4.26E-09	7.71E-10	2.57E-10	1.03E-09	6.01E-10	1.24E-10	7.25E-10
8991	625541.16	4266410.08	3.90E-09	1.34E-09	5.23E-09	3.26E-09	1.00E-09	4.26E-09	7.71E-10	2.57E-10	1.03E-09	6.01E-10	1.24E-10	7.25E-10
8992	625537.22	4266419.15	3.90E-09	1.34E-09	5.24E-09	3.26E-09	1.00E-09	4.26E-09	7.71E-10	2.57E-10	1.03E-09	6.01E-10	1.24E-10	7.25E-10
8993	625533.28	4266428.22	3.90E-09	1.34E-09	5.24E-09	3.26E-09	1.00E-09	4.26E-09	7.72E-10	2.57E-10	1.03E-09	6.02E-10	1.24E-10	7.26E-10
8994	625529.35	4266437.28	3.91E-09	1.34E-09	5.25E-09	3.27E-09	1.01E-09	4.27E-09	7.73E-10	2.57E-10	1.03E-09	6.03E-10	1.24E-10	7.27E-10
8995	625525.41	4266446.35	3.92E-09	1.35E-09	5.26E-09	3.27E-09	1.01E-09	4.28E-09	7.75E-10	2.58E-10	1.03E-09	6.04E-10	1.24E-10	7.28E-10
8996	625521.48	4266455.42	3.93E-09	1.35E-09	5.28E-09	3.28E-09	1.01E-09	4.29E-09	7.77E-10	2.59E-10	1.04E-09	6.06E-10	1.25E-10	7.30E-10
8997	625517.54	4266464.48	3.94E-09	1.35E-09	5.29E-09	3.29E-09	1.01E-09	4.31E-09	7.79E-10	2.59E-10	1.04E-09	6.08E-10	1.25E-10	7.33E-10
8998	625513.61	4266473.55	3.95E-09	1.36E-09	5.31E-09	3.30E-09	1.02E-09	4.32E-09	7.82E-10	2.60E-10	1.04E-09	6.10E-10	1.25E-10	7.35E-10
8999	625509.67	4266482.62	3.97E-09	1.36E-09	5.33E-09	3.32E-09	1.02E-09	4.34E-09	7.85E-10	2.61E-10	1.05E-09	6.12E-10	1.26E-10	7.38E-10
9000	625505.74	4266491.68	3.99E-09	1.37E-09	5.36E-09	3.33E-09	1.03E-09	4.36E-09	7.89E-10	2.63E-10	1.05E-09	6.15E-10	1.27E-10	7.42E-10
9001	625501.8	4266500.75	4.01E-09	1.38E-09	5.38E-09	3.35E-09	1.03E-09	4.38E-09	7.93E-10	2.64E-10	1.06E-09	6.18E-10	1.27E-10	7.45E-10
9002	625497.87	4266509.82	4.03E-09	1.38E-09	5.41E-09	3.37E-09	1.04E-09	4.40E-09	7.97E-10	2.65E-10	1.06E-09	6.21E-10	1.28E-10	7.49E-10
9003	625493.93	4266518.88	4.05E-09	1.39E-09	5.44E-09	3.38E-09	1.04E-09	4.43E-09	8.01E-10	2.67E-10	1.07E-09	6.25E-10	1.29E-10	7.53E-10
9004	625490	4266527.95	4.07E-09	1.40E-09	5.47E-09	3.40E-09	1.05E-09	4.45E-09	8.06E-10	2.68E-10	1.07E-09	6.28E-10	1.29E-10	7.58E-10
9005	625486.06	4266537.02	4.10E-09	1.41E-09	5.51E-09	3.42E-09	1.05E-09	4.48E-09	8.11E-10	2.70E-10	1.08E-09	6.32E-10	1.30E-10	7.62E-10
9006	625482.12	4266546.08	4.12E-09	1.42E-09	5.54E-09	3.45E-09	1.06E-09	4.51E-09	8.16E-10	2.72E-10	1.09E-09	6.36E-10	1.31E-10	7.67E-10
9007	625478.19	4266555.15	4.15E-09	1.43E-09	5.58E-09	3.47E-09	1.07E-09	4.54E-09	8.22E-10	2.73E-10	1.10E-09	6.40E-10	1.32E-10	7.72E-10
9008	625474.25	4266564.22	4.18E-09	1.44E-09	5.61E-09	3.49E-09	1.08E-09	4.57E-09	8.27E-10	2.75E-10	1.10E-09	6.45E-10	1.33E-10	7.77E-10
9009	625470.32	4266573.28	4.21E-09	1.45E-09	5.65E-09	3.52E-09	1.08E-09	4.60E-09	8.33E-10	2.77E-10	1.11E-09	6.49E-10	1.33E-10	7.83E-10
9010	625466.38	4266582.35	4.23E-09	1.46E-09	5.69E-09	3.54E-09	1.09E-09	4.63E-09	8.38E-10	2.79E-10	1.12E-09	6.53E-10	1.34E-10	7.88E-10
9011	625462.45	4266591.42	4.26E-09	1.47E-09	5.73E-09	3.56E-09	1.10E-09	4.66E-09	8.44E-10	2.81E-10	1.12E-09	6.58E-10	1.35E-10	7.93E-10
9012	625458.51	4266600.48	4.29E-09	1.48E-09	5.77E-09	3.59E-09	1.11E-09	4.69E-09	8.50E-10	2.83E-10	1.13E-09	6.62E-10	1.36E-10	7.99E-10
9013	625454.58	4266609.55	4.32E-09	1.49E-09	5.81E-09	3.61E-09	1.11E-09	4.73E-09	8.55E-10	2.85E-10	1.14E-09	6.67E-10	1.37E-10	8.04E-10
9014	625450.64	4266618.62	4.35E-09	1.50E-09	5.85E-09	3.64E-09	1.12E-09	4.76E-09	8.61E-10	2.87E-10	1.15E-09	6.71E-10	1.38E-10	8.09E-10
9015	625446.71	4266627.68	4.38E-09	1.51E-09	5.89E-09	3.66E-09	1.13E-09	4.79E-09	8.67E-10	2.89E-10	1.16E-09	6.76E-10	1.39E-10	8.15E-10
9016	625442.77	4266636.75	4.41E-09	1.52E-09	5.92E-09	3.68E-09	1.13E-09	4.82E-09	8.72E-10	2.90E-10	1.16E-09	6.80E-10	1.40E-10	8.20E-10
9017	625438.83	4266645.82	4.44E-09	1.53E-09	5.96E-09	3.71E-09	1.14E-09	4.85E-09	8.78E-10	2.92E-10	1.17E-09	6.84E-10	1.41E-10	8.25E-10
9018	625434.9	4266654.88	4.46E-09	1.53E-09	6.00E-09	3.73E-09	1.15E-09	4.88E-09	8.83E-10	2.94E-10	1.18E-09	6.89E-10	1.42E-10	8.30E-10
9019	625430.96	4266663.95	4.49E-09	1.54E-09	6.03E-09	3.75E-09	1.16E-09	4.91E-09	8.88E-10	2.96E-10	1.18E-09	6.93E-10	1.42E-10	8.35E-10
9020	625427.03	4266673.02	4.51E-09	1.55E-09	6.07E-09	3.77E-09	1.16E-09	4.93E-09	8.93E-10	2.97E-10	1.19E-09	6.96E-10	1.43E-10	8.40E-10
9021	625423.09	4266682.08	4.54E-09	1.56E-09	6.10E-09	3.79E-09	1.17E-09	4.96E-09	8.98E-10	2.99E-10	1.20E-09	7.00E-10	1.44E-10	8.44E-10
9022	625419.16	4266691.15	4.56E-09	1.57E-09	6.13E-09	3.81E-09	1.17E-09	4.99E-09	9.03E-10	3.00E-10	1.20E-09	7.04E-10	1.45E-10	8.48E-10
9023	625415.22	4266700.22	4.58E-09	1.58E-09	6.16E-09	3.83E-09	1.18E-09	5.01E-09	9.07E-10	3.02E-10	1.21E-09	7.07E-10	1.45E-10	8.52E-10
9024	625411.29	4266709.28	4.60E-09	1.58E-09	6.18E-09	3.85E-09	1.18E-09	5.03E-09	9.11E-10	3.03E-10	1.21E-09	7.10E-10	1.46E-10	8.56E-10
9025	625407.35	4266718.35	4.62E-09	1.59E-09	6.21E-09	3.86E-09	1.19E-09	5.05E-09	9.15E-10	3.04E-10	1.22E-09	7.13E-10	1.47E-10	8.60E-10
9026	625394.22	4266731.04	4.71E-09	1.62E-09	6.33E-09	3.94E-09	1.21E-09	5.15E-09	9.32E-10	3.10E-10	1.24E-09	7.27E-10	1.49E-10	8.76E-10
9027	625385.02	4266734.66	4.78E-09	1.64E-09	6.43E-09	4.00E-09	1.23E-09	5.23E-09	9.46E-10	3.15E-10	1.26E-09	7.38E-10	1.52E-10	8.89E-10
9028	625375.83	4266738.28	4.85E-09	1.67E-09	6.52E-09	4.06E-09	1.25E-09	5.31E-09	9.61E-10	3.20E-10	1.28E-09	7.49E-10	1.54E-10	9.03E-10
9029	625366.63	4266741.91	4.92E-09	1.69E-09	6.62E-09	4.12E-09	1.27E-09	5.38E-09	9.75E-10	3.24E-10	1.30E-09	7.60E-10	1.56E-10	9.16E-10
9030	625357.43	4266745.53	5.00E-09	1.72E-09	6.71E-09	4.18E-09	1.29E-09	5.46E-09	9.89E-10	3.29E-10	1.32E-09	7.71E-10	1.59E-10	9.29E-10
9031	625348.24	4266749.15	5.07E-09	1.74E-09	6.81E-09	4.23E-09	1.30E-09	5.54E-09	1.00E-09	3.34E-10	1.34E-09	7.82E-10	1.61E-10	9.42E-10
9032	625339.04	4266752.77	5.14E-09	1.77E-09	6.90E-09	4.29E-09	1.32E-09	5.62E-09	1.02E-09	3.38E-10	1.36E-09	7.93E-10	1.63E-10	9.56E-10
9033	625329.84	4266756.39	5.21E-09	1.79E-09	7.00E-09	4.35E-09	1.34E-09	5.69E-09	1.03E-09	3.43E-10	1.37E-09	8.03E-10	1.65E-10	9.69E-10
9034	625320.65	4266760.02	5.28E-09	1.81E-09	7.09E-09	4.41E-09	1.36E-09	5.77E-09	1.04E-09	3.48E-10	1.39E-09	8.14E-10	1.67E-10	9.82E-10
9035	625311.45	4266763.64	5.35E-09	1.84E-09	7.18E-09	4.47E-09	1.38E-09	5.84E-09	1.06E-09	3.52E-10	1.41E-09	8.25E-10	1.70E-10	9.94E-10

9036	625302.25	4266767.26	5.41E-09	1.86E-09	7.28E-09	4.53E-09	1.39E-09	5.92E-09	1.07E-09	3.57E-10	1.43E-09	8.35E-10	1.72E-10	1.01E-09
9037	625293.06	4266770.88	5.48E-09	1.89E-09	7.37E-09	4.58E-09	1.41E-09	5.99E-09	1.09E-09	3.61E-10	1.45E-09	8.46E-10	1.74E-10	1.02E-09
9038	625283.86	4266774.5	5.55E-09	1.91E-09	7.46E-09	4.64E-09	1.43E-09	6.07E-09	1.10E-09	3.66E-10	1.46E-09	8.56E-10	1.76E-10	1.03E-09
9039	625274.67	4266778.13	5.62E-09	1.93E-09	7.55E-09	4.69E-09	1.45E-09	6.14E-09	1.11E-09	3.70E-10	1.48E-09	8.67E-10	1.78E-10	1.04E-09
9040	625265.47	4266781.75	5.68E-09	1.95E-09	7.64E-09	4.75E-09	1.46E-09	6.21E-09	1.12E-09	3.74E-10	1.50E-09	8.77E-10	1.80E-10	1.06E-09
9041	625256.27	4266785.37	5.75E-09	1.98E-09	7.72E-09	4.80E-09	1.48E-09	6.28E-09	1.14E-09	3.79E-10	1.52E-09	8.87E-10	1.82E-10	1.07E-09
9042	625247.08	4266788.99	5.81E-09	2.00E-09	7.81E-09	4.86E-09	1.50E-09	6.35E-09	1.15E-09	3.83E-10	1.53E-09	8.97E-10	1.84E-10	1.08E-09
9043	625237.88	4266792.61	5.87E-09	2.02E-09	7.89E-09	4.91E-09	1.51E-09	6.42E-09	1.16E-09	3.87E-10	1.55E-09	9.06E-10	1.86E-10	1.09E-09
9044	625228.68	4266796.24	5.94E-09	2.04E-09	7.98E-09	4.96E-09	1.53E-09	6.49E-09	1.18E-09	3.91E-10	1.57E-09	9.16E-10	1.88E-10	1.10E-09
9045	625219.49	4266799.86	6.00E-09	2.06E-09	8.06E-09	5.01E-09	1.54E-09	6.56E-09	1.19E-09	3.95E-10	1.58E-09	9.25E-10	1.90E-10	1.12E-09
9046	625210.29	4266803.48	6.06E-09	2.08E-09	8.14E-09	5.06E-09	1.56E-09	6.62E-09	1.20E-09	3.99E-10	1.60E-09	9.35E-10	1.92E-10	1.13E-09
9047	625201.09	4266807.1	6.12E-09	2.10E-09	8.22E-09	5.11E-09	1.57E-09	6.69E-09	1.21E-09	4.03E-10	1.61E-09	9.44E-10	1.94E-10	1.14E-09
9048	625191.9	4266810.72	6.17E-09	2.12E-09	8.30E-09	5.16E-09	1.59E-09	6.75E-09	1.22E-09	4.07E-10	1.63E-09	9.53E-10	1.96E-10	1.15E-09
9049	625182.7	4266814.35	6.23E-09	2.14E-09	8.37E-09	5.21E-09	1.60E-09	6.81E-09	1.23E-09	4.10E-10	1.64E-09	9.61E-10	1.98E-10	1.16E-09
9050	625173.5	4266817.97	6.28E-09	2.16E-09	8.45E-09	5.25E-09	1.62E-09	6.87E-09	1.24E-09	4.14E-10	1.66E-09	9.70E-10	1.99E-10	1.17E-09
9051	625164.31	4266821.59	6.34E-09	2.18E-09	8.52E-09	5.30E-09	1.63E-09	6.93E-09	1.25E-09	4.18E-10	1.67E-09	9.78E-10	2.01E-10	1.18E-09
9052	625155.11	4266825.21	6.39E-09	2.20E-09	8.58E-09	5.34E-09	1.64E-09	6.98E-09	1.26E-09	4.21E-10	1.69E-09	9.86E-10	2.03E-10	1.19E-09
9053	625145.92	4266828.83	6.44E-09	2.21E-09	8.65E-09	5.38E-09	1.66E-09	7.04E-09	1.27E-09	4.24E-10	1.70E-09	9.93E-10	2.04E-10	1.20E-09
9054	625136.72	4266832.46	6.48E-09	2.23E-09	8.71E-09	5.42E-09	1.67E-09	7.09E-09	1.28E-09	4.27E-10	1.71E-09	1.00E-09	2.06E-10	1.21E-09
9055	625127.52	4266836.08	6.52E-09	2.24E-09	8.77E-09	5.45E-09	1.68E-09	7.13E-09	1.29E-09	4.30E-10	1.72E-09	1.01E-09	2.07E-10	1.21E-09
9056	625118.33	4266839.7	6.57E-09	2.26E-09	8.82E-09	5.49E-09	1.69E-09	7.18E-09	1.30E-09	4.33E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
9057	625109.13	4266843.32	6.60E-09	2.27E-09	8.87E-09	5.52E-09	1.70E-09	7.22E-09	1.31E-09	4.35E-10	1.74E-09	1.02E-09	2.10E-10	1.23E-09
9058	625099.93	4266846.94	6.64E-09	2.28E-09	8.92E-09	5.55E-09	1.71E-09	7.26E-09	1.31E-09	4.37E-10	1.75E-09	1.02E-09	2.11E-10	1.24E-09
9059	625090.74	4266850.57	6.67E-09	2.29E-09	8.97E-09	5.58E-09	1.72E-09	7.29E-09	1.32E-09	4.40E-10	1.76E-09	1.03E-09	2.12E-10	1.24E-09
9060	625081.54	4266854.19	6.70E-09	2.30E-09	9.01E-09	5.60E-09	1.73E-09	7.33E-09	1.33E-09	4.42E-10	1.77E-09	1.03E-09	2.13E-10	1.25E-09
9061	625072.34	4266857.81	6.73E-09	2.31E-09	9.05E-09	5.63E-09	1.73E-09	7.36E-09	1.33E-09	4.43E-10	1.78E-09	1.04E-09	2.14E-10	1.25E-09
9062	625063.15	4266861.43	6.76E-09	2.32E-09	9.08E-09	5.65E-09	1.74E-09	7.39E-09	1.34E-09	4.45E-10	1.78E-09	1.04E-09	2.14E-10	1.26E-09
9063	625053.95	4266865.05	6.78E-09	2.33E-09	9.11E-09	5.67E-09	1.75E-09	7.41E-09	1.34E-09	4.47E-10	1.79E-09	1.05E-09	2.15E-10	1.26E-09
9064	625044.75	4266868.68	6.80E-09	2.34E-09	9.14E-09	5.68E-09	1.75E-09	7.44E-09	1.35E-09	4.48E-10	1.79E-09	1.05E-09	2.16E-10	1.27E-09
9065	625035.56	4266872.3	6.82E-09	2.35E-09	9.17E-09	5.70E-09	1.76E-09	7.46E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
9066	625026.36	4266875.92	6.84E-09	2.35E-09	9.19E-09	5.71E-09	1.76E-09	7.47E-09	1.35E-09	4.50E-10	1.80E-09	1.05E-09	2.17E-10	1.27E-09
9067	625017.16	4266879.54	6.85E-09	2.36E-09	9.21E-09	5.73E-09	1.76E-09	7.49E-09	1.36E-09	4.51E-10	1.81E-09	1.06E-09	2.17E-10	1.27E-09
9068	625007.97	4266883.16	6.86E-09	2.36E-09	9.22E-09	5.74E-09	1.77E-09	7.50E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
9069	624998.77	4266886.79	6.87E-09	2.36E-09	9.23E-09	5.74E-09	1.77E-09	7.51E-09	1.36E-09	4.53E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
9070	624989.58	4266890.41	6.87E-09	2.36E-09	9.24E-09	5.75E-09	1.77E-09	7.52E-09	1.36E-09	4.53E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
9071	624980.38	4266894.03	6.88E-09	2.36E-09	9.24E-09	5.75E-09	1.77E-09	7.52E-09	1.36E-09	4.53E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
9072	624971.18	4266897.65	6.88E-09	2.36E-09	9.24E-09	5.75E-09	1.77E-09	7.52E-09	1.36E-09	4.53E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
9073	624961.99	4266901.27	6.87E-09	2.36E-09	9.23E-09	5.74E-09	1.77E-09	7.51E-09	1.36E-09	4.53E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
9074	624952.79	4266904.9	6.86E-09	2.36E-09	9.22E-09	5.74E-09	1.77E-09	7.50E-09	1.36E-09	4.52E-10	1.81E-09	1.06E-09	2.18E-10	1.28E-09
9075	624943.59	4266908.52	6.85E-09	2.36E-09	9.21E-09	5.73E-09	1.76E-09	7.49E-09	1.36E-09	4.51E-10	1.81E-09	1.06E-09	2.17E-10	1.27E-09
9076	624934.4	4266912.14	6.84E-09	2.35E-09	9.19E-09	5.72E-09	1.76E-09	7.48E-09	1.35E-09	4.50E-10	1.80E-09	1.06E-09	2.17E-10	1.27E-09
9077	624925.2	4266915.76	6.82E-09	2.35E-09	9.16E-09	5.70E-09	1.76E-09	7.46E-09	1.35E-09	4.49E-10	1.80E-09	1.05E-09	2.16E-10	1.27E-09
9078	624916	4266919.38	6.80E-09	2.34E-09	9.14E-09	5.68E-09	1.75E-09	7.43E-09	1.35E-09	4.48E-10	1.79E-09	1.05E-09	2.16E-10	1.27E-09
9079	624906.81	4266923.01	6.78E-09	2.33E-09	9.11E-09	5.66E-09	1.74E-09	7.41E-09	1.34E-09	4.46E-10	1.79E-09	1.05E-09	2.15E-10	1.26E-09
9080	624897.61	4266926.63	6.75E-09	2.32E-09	9.07E-09	5.64E-09	1.74E-09	7.38E-09	1.34E-09	4.45E-10	1.78E-09	1.04E-09	2.14E-10	1.26E-09
9081	624888.41	4266930.25	6.72E-09	2.31E-09	9.04E-09	5.62E-09	1.73E-09	7.35E-09	1.33E-09	4.43E-10	1.77E-09	1.04E-09	2.13E-10	1.25E-09
9082	624879.22	4266933.87	6.70E-09	2.30E-09	9.00E-09	5.60E-09	1.72E-09	7.32E-09	1.33E-09	4.41E-10	1.77E-09	1.03E-09	2.12E-10	1.25E-09
9083	624870.02	4266937.49	6.66E-09	2.29E-09	8.96E-09	5.57E-09	1.72E-09	7.29E-09	1.32E-09	4.39E-10	1.76E-09	1.03E-09	2.11E-10	1.24E-09
9084	624860.83	4266941.12	6.63E-09	2.28E-09	8.91E-09	5.54E-09	1.71E-09	7.25E-09	1.31E-09	4.37E-10	1.75E-09	1.02E-09	2.10E-10	1.23E-09
9085	624851.63	4266944.74	6.60E-09	2.27E-09	8.87E-09	5.51E-09	1.70E-09	7.21E-09	1.31E-09	4.35E-10	1.74E-09	1.02E-09	2.09E-10	1.23E-09
9086	624842.43	4266948.36	6.56E-09	2.26E-09	8.82E-09	5.49E-09	1.69E-09	7.17E-09	1.30E-09	4.32E-10	1.73E-09	1.01E-09	2.08E-10	1.22E-09
9087	625647.41	4266165.28	3.79E-09	1.30E-09	5.10E-09	3.17E-09	9.77E-10	4.15E-09	7.51E-10	2.50E-10	1.00E-09	5.85E-10	1.20E-10	7.06E-10
9088	625647.58	4266155.35	3.79E-09	1.30E-09	5.09E-09	3.17E-09	9.75E-10	4.14E-09	7.50E-10	2.50E-10	9.99E-10	5.85E-10	1.20E-10	7.05E-10
9089	625647.74	4266145.41	3.78E-09	1.30E-09	5.08E-09	3.16E-09	9.74E-10	4.14E-09	7.49E-10	2.49E-10	9.98E-10	5.84E-10	1.20E-10	7.04E-10
9090	625647.9	4266135.48	3.78E-09	1.30E-09	5.07E-09	3.16E-09	9.72E-10	4.13E-09	7.47E-10	2.49E-10	9.96E-10	5.83E-10	1.20E-10	7.03E-10
9091	625648.07	4266125.55	3.77E-09	1.30E-09	5.07E-09	3.15E-09	9.70E-10	4.12E-09	7.46E-10	2.48E-10	9.94E-10	5.82E-10	1.20E-10	7.01E-10
9092	625648.23	4266115.61	3.76E-09	1.29E-09	5.06E-09	3.14E-09	9.69E-10	4.11E-09	7.45E-10	2.48E-10	9.93E-10	5.81E-10	1.19E-10	7.00E-10
9093	625648.39	4266105.68	3.76E-09	1.29E-09	5.05E-09	3.14E-09	9.67E-10	4.11E-09	7.43E-10	2.47E-10	9.91E-10	5.79E-10	1.19E-10	6.99E-10
9094	625648.56	4266095.75	3.75E-09	1.29E-09	5.04E-09	3.13E-09	9.65E-10	4.10E-09	7.42E-10	2.47E-10	9.89E-10	5.78E-10	1.19E-10	6.97E-10
9095	625648.72	4266085.81	3.74E-09	1.29E-09	5.03E-09	3.13E-09	9.64E-10	4.09E-09	7.41E-10	2.47E-10	9.87E-10	5.77E-10	1.19E-10	6.96E-10
9096	625648.88	4266075.88	3.74E-09	1.28E-09	5.02E-09	3.12E-09	9.62E-10	4.09E-09	7.40E-10	2.46E-10	9.86E-10	5.77E-10	1.19E-10	6.95E-10
9097	625649.05	4266065.95	3.73E-09	1.28E-09	5.01E-09	3.12E-09	9.61E-10	4.08E-09	7.39E-10	2.46E-10	9.84E-10	5.76E-10	1.18E-10	6.94E-10
9098	625649.21	4266056.01	3.73E-09	1.28E-09	5.01E-09	3.11E-09	9.59E-10	4.07E-09	7.37E-10	2.45E-10	9.83E-10	5.75E-10	1.18E-10	6.93E-10
9099	625649.37	4266046.08	3.72E-09	1.28E-09	5.00E-09	3.11E-09	9.58E-10	4.07E-09	7.36E-10	2.45E-10	9.81E-10	5.74E-10	1.18E-10	6.92E-10
9100	625649.54	4266036.15	3.71E-09	1.28E-09	4.99E-09	3.10E-09	9.56E-10	4.06E-09	7.35E-10	2.45E-10	9.80E-10	5.73E-10	1.18E-10	6.91E-10
9101	625649.7	4266026.21	3.71E-09	1.28E-09	4.98E-09	3.10E-09	9.55E-10	4.05E-09	7.34E-10	2.44E-10	9.78E-10	5.72E-10	1.18E-10	6.90E-10
9102	625649.86	4266016.28	3.70E-09	1.27E-09	4.98E-09	3.09E-09	9.53E-10	4.05E-09	7.33E-10	2.44E-10	9.77E-10	5.71E-10	1.18E-10	6.89E-10
9103	625650.03	4266006.35	3.70E-09	1.27E-09	4.97E-09	3.09E-09	9.52E-10	4.04E-09	7.32E-10	2.44E-10	9.75E-10	5.71E-10	1.17E-10	6.88E-10
9104	625650.19	4265996.41	3.69E-09	1.27E-09	4.96E-09	3.09E-09	9.50E-10	4.04E-09	7.31E-10	2.43E-10	9.74E-10	5.70E-10	1.17E-10	6.87E-10

9105	625650.36	4265986.48	3.69E-09	1.27E-09	4.95E-09	3.08E-09	9.49E-10	4.03E-09	7.29E-10	2.43E-10	9.72E-10	5.69E-10	1.17E-10	6.86E-10
9106	625650.52	4265976.55	3.68E-09	1.26E-09	4.94E-09	3.07E-09	9.47E-10	4.02E-09	7.28E-10	2.42E-10	9.70E-10	5.67E-10	1.17E-10	6.84E-10
9107	625650.68	4265966.61	3.67E-09	1.26E-09	4.93E-09	3.07E-09	9.44E-10	4.01E-09	7.26E-10	2.42E-10	9.68E-10	5.66E-10	1.16E-10	6.82E-10
9108	625650.85	4265956.68	3.66E-09	1.26E-09	4.92E-09	3.06E-09	9.42E-10	4.00E-09	7.24E-10	2.41E-10	9.65E-10	5.64E-10	1.16E-10	6.81E-10
9109	625651.01	4265946.75	3.65E-09	1.25E-09	4.90E-09	3.05E-09	9.39E-10	3.99E-09	7.22E-10	2.40E-10	9.62E-10	5.63E-10	1.16E-10	6.79E-10
9110	625651.17	4265936.81	3.64E-09	1.25E-09	4.89E-09	3.04E-09	9.37E-10	3.98E-09	7.20E-10	2.40E-10	9.60E-10	5.61E-10	1.15E-10	6.77E-10
9111	625651.34	4265926.88	3.63E-09	1.25E-09	4.88E-09	3.03E-09	9.34E-10	3.97E-09	7.18E-10	2.39E-10	9.57E-10	5.60E-10	1.15E-10	6.75E-10
9112	625651.5	4265916.95	3.62E-09	1.24E-09	4.87E-09	3.03E-09	9.32E-10	3.96E-09	7.17E-10	2.39E-10	9.55E-10	5.59E-10	1.15E-10	6.74E-10
9113	625651.66	4265907.01	3.61E-09	1.24E-09	4.85E-09	3.02E-09	9.30E-10	3.95E-09	7.15E-10	2.38E-10	9.53E-10	5.57E-10	1.15E-10	6.72E-10
9114	625651.83	4265897.08	3.60E-09	1.24E-09	4.84E-09	3.01E-09	9.28E-10	3.94E-09	7.13E-10	2.37E-10	9.51E-10	5.56E-10	1.14E-10	6.71E-10
9115	625651.99	4265887.15	3.60E-09	1.24E-09	4.83E-09	3.00E-09	9.26E-10	3.93E-09	7.12E-10	2.37E-10	9.48E-10	5.55E-10	1.14E-10	6.69E-10
9116	625652.15	4265877.21	3.59E-09	1.23E-09	4.82E-09	3.00E-09	9.23E-10	3.92E-09	7.10E-10	2.36E-10	9.46E-10	5.53E-10	1.14E-10	6.67E-10
9117	625652.32	4265867.28	3.58E-09	1.23E-09	4.81E-09	2.99E-09	9.21E-10	3.91E-09	7.08E-10	2.36E-10	9.44E-10	5.52E-10	1.14E-10	6.66E-10
9118	625652.48	4265857.35	3.58E-09	1.23E-09	4.81E-09	2.99E-09	9.21E-10	3.91E-09	7.08E-10	2.36E-10	9.43E-10	5.52E-10	1.13E-10	6.65E-10
9119	625652.64	4265847.41	3.58E-09	1.23E-09	4.81E-09	2.99E-09	9.21E-10	3.91E-09	7.08E-10	2.36E-10	9.44E-10	5.52E-10	1.13E-10	6.65E-10
9120	625652.81	4265837.48	3.58E-09	1.23E-09	4.81E-09	2.99E-09	9.21E-10	3.91E-09	7.08E-10	2.36E-10	9.44E-10	5.52E-10	1.14E-10	6.66E-10
9121	625652.97	4265827.55	3.58E-09	1.23E-09	4.81E-09	2.99E-09	9.22E-10	3.92E-09	7.09E-10	2.36E-10	9.45E-10	5.53E-10	1.14E-10	6.66E-10
9122	625653.14	4265817.61	3.59E-09	1.23E-09	4.82E-09	3.00E-09	9.24E-10	3.92E-09	7.10E-10	2.36E-10	9.47E-10	5.54E-10	1.14E-10	6.67E-10
9123	625653.3	4265807.68	3.60E-09	1.24E-09	4.83E-09	3.01E-09	9.26E-10	3.93E-09	7.12E-10	2.37E-10	9.49E-10	5.55E-10	1.14E-10	6.69E-10
9124	625653.46	4265797.75	3.61E-09	1.24E-09	4.85E-09	3.01E-09	9.28E-10	3.94E-09	7.14E-10	2.38E-10	9.51E-10	5.56E-10	1.14E-10	6.71E-10
9125	625653.63	4265787.81	3.62E-09	1.24E-09	4.86E-09	3.02E-09	9.31E-10	3.96E-09	7.16E-10	2.38E-10	9.54E-10	5.58E-10	1.15E-10	6.73E-10
9126	625653.79	4265777.88	3.63E-09	1.25E-09	4.88E-09	3.04E-09	9.35E-10	3.97E-09	7.19E-10	2.39E-10	9.58E-10	5.60E-10	1.15E-10	6.76E-10
9127	625653.95	4265767.95	3.65E-09	1.26E-09	4.91E-09	3.05E-09	9.40E-10	3.99E-09	7.23E-10	2.40E-10	9.63E-10	5.63E-10	1.16E-10	6.79E-10
9128	625654.12	4265758.01	3.67E-09	1.26E-09	4.93E-09	3.07E-09	9.45E-10	4.01E-09	7.27E-10	2.42E-10	9.69E-10	5.67E-10	1.17E-10	6.83E-10
9129	625654.28	4265748.08	3.69E-09	1.27E-09	4.96E-09	3.09E-09	9.51E-10	4.04E-09	7.31E-10	2.43E-10	9.75E-10	5.70E-10	1.17E-10	6.87E-10
9130	625654.44	4265738.15	3.72E-09	1.28E-09	5.00E-09	3.11E-09	9.57E-10	4.06E-09	7.36E-10	2.45E-10	9.81E-10	5.74E-10	1.18E-10	6.91E-10
9131	625654.61	4265728.21	3.74E-09	1.29E-09	5.03E-09	3.13E-09	9.63E-10	4.09E-09	7.40E-10	2.46E-10	9.87E-10	5.77E-10	1.19E-10	6.96E-10
9132	625654.77	4265718.28	3.76E-09	1.29E-09	5.06E-09	3.15E-09	9.69E-10	4.12E-09	7.45E-10	2.48E-10	9.93E-10	5.81E-10	1.19E-10	7.00E-10
9133	625654.93	4265708.35	3.79E-09	1.30E-09	5.09E-09	3.17E-09	9.76E-10	4.14E-09	7.50E-10	2.50E-10	1.00E-09	5.85E-10	1.20E-10	7.05E-10
9134	625655.1	4265698.41	3.82E-09	1.31E-09	5.13E-09	3.19E-09	9.83E-10	4.17E-09	7.55E-10	2.51E-10	1.01E-09	5.89E-10	1.21E-10	7.10E-10
9135	625655.26	4265688.48	3.84E-09	1.32E-09	5.16E-09	3.21E-09	9.89E-10	4.20E-09	7.61E-10	2.53E-10	1.01E-09	5.93E-10	1.22E-10	7.15E-10
9136	625735.63	4266194.03	3.37E-09	1.16E-09	4.53E-09	2.82E-09	8.69E-10	3.69E-09	6.68E-10	2.22E-10	8.90E-10	5.21E-10	1.07E-10	6.28E-10
9137	625731.71	4266203.06	3.39E-09	1.17E-09	4.56E-09	2.84E-09	8.74E-10	3.71E-09	6.72E-10	2.24E-10	8.95E-10	5.24E-10	1.08E-10	6.31E-10
9138	625727.79	4266212.1	3.41E-09	1.17E-09	4.58E-09	2.85E-09	8.78E-10	3.73E-09	6.75E-10	2.25E-10	9.00E-10	5.26E-10	1.08E-10	6.35E-10
9139	625723.87	4266221.13	3.43E-09	1.18E-09	4.61E-09	2.86E-09	8.82E-10	3.75E-09	6.78E-10	2.26E-10	9.04E-10	5.29E-10	1.09E-10	6.38E-10
9140	625719.95	4266230.17	3.44E-09	1.18E-09	4.63E-09	2.88E-09	8.86E-10	3.76E-09	6.81E-10	2.27E-10	9.08E-10	5.31E-10	1.09E-10	6.40E-10
9141	625716.03	4266239.2	3.46E-09	1.19E-09	4.64E-09	2.89E-09	8.90E-10	3.78E-09	6.84E-10	2.28E-10	9.12E-10	5.33E-10	1.10E-10	6.43E-10
9142	625712.11	4266248.23	3.47E-09	1.19E-09	4.66E-09	2.90E-09	8.92E-10	3.79E-09	6.86E-10	2.28E-10	9.15E-10	5.35E-10	1.10E-10	6.45E-10
9143	625708.18	4266257.27	3.48E-09	1.20E-09	4.67E-09	2.91E-09	8.95E-10	3.80E-09	6.88E-10	2.29E-10	9.17E-10	5.36E-10	1.10E-10	6.47E-10
9144	625704.26	4266266.3	3.48E-09	1.20E-09	4.68E-09	2.91E-09	8.96E-10	3.81E-09	6.89E-10	2.29E-10	9.18E-10	5.37E-10	1.10E-10	6.48E-10
9145	625700.34	4266275.34	3.48E-09	1.20E-09	4.68E-09	2.91E-09	8.97E-10	3.81E-09	6.90E-10	2.30E-10	9.19E-10	5.38E-10	1.11E-10	6.48E-10
9146	625696.42	4266284.37	3.49E-09	1.20E-09	4.68E-09	2.91E-09	8.97E-10	3.81E-09	6.90E-10	2.30E-10	9.20E-10	5.38E-10	1.11E-10	6.49E-10
9147	625692.5	4266293.41	3.49E-09	1.20E-09	4.68E-09	2.91E-09	8.97E-10	3.81E-09	6.90E-10	2.30E-10	9.20E-10	5.38E-10	1.11E-10	6.48E-10
9148	625688.58	4266302.44	3.48E-09	1.20E-09	4.68E-09	2.91E-09	8.97E-10	3.81E-09	6.89E-10	2.29E-10	9.19E-10	5.37E-10	1.11E-10	6.48E-10
9149	625684.66	4266311.48	3.48E-09	1.20E-09	4.67E-09	2.91E-09	8.95E-10	3.80E-09	6.88E-10	2.29E-10	9.17E-10	5.37E-10	1.10E-10	6.47E-10
9150	625680.73	4266320.51	3.47E-09	1.19E-09	4.66E-09	2.90E-09	8.94E-10	3.79E-09	6.87E-10	2.29E-10	9.16E-10	5.36E-10	1.10E-10	6.46E-10
9151	625676.81	4266329.54	3.46E-09	1.19E-09	4.65E-09	2.89E-09	8.91E-10	3.79E-09	6.85E-10	2.28E-10	9.13E-10	5.34E-10	1.10E-10	6.44E-10
9152	625672.89	4266338.58	3.45E-09	1.19E-09	4.64E-09	2.89E-09	8.89E-10	3.77E-09	6.83E-10	2.27E-10	9.11E-10	5.33E-10	1.10E-10	6.42E-10
9153	625668.97	4266347.61	3.44E-09	1.18E-09	4.62E-09	2.88E-09	8.86E-10	3.76E-09	6.81E-10	2.27E-10	9.08E-10	5.31E-10	1.09E-10	6.40E-10
9154	625665.05	4266356.65	3.43E-09	1.18E-09	4.61E-09	2.87E-09	8.83E-10	3.75E-09	6.79E-10	2.26E-10	9.05E-10	5.29E-10	1.09E-10	6.38E-10
9155	625661.13	4266365.68	3.42E-09	1.17E-09	4.59E-09	2.85E-09	8.79E-10	3.73E-09	6.76E-10	2.25E-10	9.01E-10	5.27E-10	1.08E-10	6.35E-10
9156	625657.21	4266374.72	3.40E-09	1.17E-09	4.57E-09	2.84E-09	8.76E-10	3.72E-09	6.73E-10	2.24E-10	8.97E-10	5.25E-10	1.08E-10	6.33E-10
9157	625653.29	4266383.75	3.39E-09	1.17E-09	4.56E-09	2.83E-09	8.73E-10	3.71E-09	6.71E-10	2.23E-10	8.94E-10	5.23E-10	1.08E-10	6.31E-10
9158	625649.36	4266392.78	3.38E-09	1.16E-09	4.54E-09	2.82E-09	8.70E-10	3.69E-09	6.69E-10	2.23E-10	8.92E-10	5.21E-10	1.07E-10	6.29E-10
9159	625645.44	4266401.82	3.37E-09	1.16E-09	4.53E-09	2.82E-09	8.67E-10	3.68E-09	6.67E-10	2.22E-10	8.89E-10	5.20E-10	1.07E-10	6.27E-10
9160	625641.52	4266410.85	3.36E-09	1.16E-09	4.52E-09	2.81E-09	8.65E-10	3.67E-09	6.65E-10	2.21E-10	8.87E-10	5.19E-10	1.07E-10	6.25E-10
9161	625637.6	4266419.89	3.35E-09	1.15E-09	4.51E-09	2.80E-09	8.63E-10	3.67E-09	6.64E-10	2.21E-10	8.85E-10	5.17E-10	1.06E-10	6.24E-10
9162	625633.68	4266428.92	3.35E-09	1.15E-09	4.50E-09	2.80E-09	8.62E-10	3.66E-09	6.63E-10	2.21E-10	8.83E-10	5.17E-10	1.06E-10	6.23E-10
9163	625570.94	4266573.47	3.48E-09	1.20E-09	4.67E-09	2.91E-09	8.95E-10	3.80E-09	6.88E-10	2.29E-10	9.17E-10	5.36E-10	1.10E-10	6.47E-10
9164	625567.02	4266582.51	3.50E-09	1.20E-09	4.70E-09	2.92E-09	9.00E-10	3.82E-09	6.92E-10	2.30E-10	9.22E-10	5.39E-10	1.11E-10	6.50E-10
9165	625563.09	4266591.54	3.52E-09	1.21E-09	4.72E-09	2.94E-09	9.05E-10	3.84E-09	6.96E-10	2.32E-10	9.28E-10	5.42E-10	1.12E-10	6.54E-10
9166	625559.17	4266600.58	3.54E-09	1.22E-09	4.75E-09	2.96E-09	9.11E-10	3.87E-09	7.00E-10	2.33E-10	9.33E-10	5.46E-10	1.12E-10	6.58E-10
9167	625555.25	4266609.61	3.56E-09	1.22E-09	4.78E-09	2.97E-09	9.16E-10	3.89E-09	7.04E-10	2.34E-10	9.39E-10	5.49E-10	1.13E-10	6.62E-10
9168	625551.33	4266618.64	3.58E-09	1.23E-09	4.81E-09	2.99E-09	9.22E-10	3.91E-09	7.09E-10	2.36E-10	9.44E-10	5.52E-10	1.14E-10	6.66E-10
9169	625547.41	4266627.68	3.60E-09	1.24E-09	4.84E-09	3.01E-09	9.28E-10	3.94E-09	7.13E-10	2.37E-10	9.50E-10	5.56E-10	1.14E-10	6.70E-10
9170	625543.49	4266636.71	3.63E-09	1.25E-09	4.87E-09	3.03E-09	9.34E-10	3.96E-09	7.18E-10	2.39E-10	9.57E-10	5.59E-10	1.15E-10	6.75E-10
9171	625539.57	4266645.75	3.65E-09	1.25E-09	4.90E-09	3.05E-09	9.40E-10	3.99E-09	7.22E-10	2.40E-10	9.63E-10	5.63E-10	1.16E-10	6.79E-10
9172	625535.64	4266654.78	3.67E-09	1.26E-09	4.94E-09	3.07E-09	9.46E-10	4.02E-09	7.27E-10	2.42E-10	9.69E-10	5.67E-10	1.17E-10	6.83E-10
9173	625531.72	4266663.82	3.70E-09	1.27E-09	4.97E-09	3.09E-09	9.52E-10	4.04E-09	7.32E-10	2.44E-10	9.75E-10	5.71E-10	1.17E-10	6.88E-10

9174	625527.8	4266672.85	3.72E-09	1.28E-09	5.00E-09	3.11E-09	9.58E-10	4.07E-09	7.37E-10	2.45E-10	9.82E-10	5.74E-10	1.18E-10	6.92E-10
9175	625523.88	4266681.89	3.75E-09	1.29E-09	5.03E-09	3.13E-09	9.64E-10	4.10E-09	7.41E-10	2.47E-10	9.88E-10	5.78E-10	1.19E-10	6.97E-10
9176	625519.96	4266690.92	3.77E-09	1.30E-09	5.07E-09	3.15E-09	9.70E-10	4.12E-09	7.46E-10	2.48E-10	9.95E-10	5.82E-10	1.20E-10	7.01E-10
9177	625516.04	4266699.95	3.79E-09	1.30E-09	5.10E-09	3.17E-09	9.77E-10	4.15E-09	7.51E-10	2.50E-10	1.00E-09	5.85E-10	1.20E-10	7.06E-10
9178	625512.12	4266708.99	3.82E-09	1.31E-09	5.13E-09	3.19E-09	9.83E-10	4.17E-09	7.55E-10	2.51E-10	1.01E-09	5.89E-10	1.21E-10	7.10E-10
9179	625508.2	4266718.02	3.84E-09	1.32E-09	5.16E-09	3.21E-09	9.88E-10	4.20E-09	7.60E-10	2.53E-10	1.01E-09	5.92E-10	1.22E-10	7.14E-10
9180	625504.27	4266727.06	3.86E-09	1.33E-09	5.19E-09	3.23E-09	9.94E-10	4.22E-09	7.64E-10	2.54E-10	1.02E-09	5.96E-10	1.23E-10	7.18E-10
9181	625500.35	4266736.09	3.88E-09	1.34E-09	5.22E-09	3.25E-09	1.00E-09	4.24E-09	7.69E-10	2.56E-10	1.02E-09	5.99E-10	1.23E-10	7.22E-10
9182	625496.43	4266745.13	3.90E-09	1.34E-09	5.25E-09	3.26E-09	1.01E-09	4.27E-09	7.73E-10	2.57E-10	1.03E-09	6.02E-10	1.24E-10	7.26E-10
9183	625492.51	4266754.16	3.92E-09	1.35E-09	5.27E-09	3.28E-09	1.01E-09	4.29E-09	7.77E-10	2.58E-10	1.04E-09	6.05E-10	1.25E-10	7.30E-10
9184	625488.59	4266763.19	3.94E-09	1.36E-09	5.30E-09	3.30E-09	1.01E-09	4.31E-09	7.80E-10	2.60E-10	1.04E-09	6.08E-10	1.25E-10	7.33E-10
9185	625484.67	4266772.23	3.96E-09	1.36E-09	5.32E-09	3.31E-09	1.02E-09	4.33E-09	7.84E-10	2.61E-10	1.04E-09	6.11E-10	1.26E-10	7.37E-10
9186	625480.75	4266781.26	3.98E-09	1.37E-09	5.34E-09	3.32E-09	1.02E-09	4.35E-09	7.87E-10	2.62E-10	1.05E-09	6.14E-10	1.26E-10	7.40E-10
9187	625476.82	4266790.3	3.99E-09	1.37E-09	5.37E-09	3.34E-09	1.03E-09	4.37E-09	7.90E-10	2.63E-10	1.05E-09	6.16E-10	1.27E-10	7.43E-10
9188	625463.74	4266802.94	4.06E-09	1.40E-09	5.46E-09	3.40E-09	1.05E-09	4.44E-09	8.04E-10	2.68E-10	1.07E-09	6.27E-10	1.29E-10	7.56E-10
9189	625454.58	4266806.55	4.12E-09	1.42E-09	5.54E-09	3.44E-09	1.06E-09	4.50E-09	8.15E-10	2.71E-10	1.09E-09	6.36E-10	1.31E-10	7.66E-10
9190	625445.41	4266810.16	4.18E-09	1.44E-09	5.61E-09	3.49E-09	1.08E-09	4.57E-09	8.27E-10	2.75E-10	1.10E-09	6.44E-10	1.33E-10	7.77E-10
9191	625436.25	4266813.77	4.23E-09	1.46E-09	5.69E-09	3.54E-09	1.09E-09	4.63E-09	8.38E-10	2.79E-10	1.12E-09	6.53E-10	1.34E-10	7.87E-10
9192	625427.08	4266817.38	4.29E-09	1.47E-09	5.76E-09	3.58E-09	1.10E-09	4.69E-09	8.49E-10	2.82E-10	1.13E-09	6.61E-10	1.36E-10	7.98E-10
9193	625417.92	4266820.99	4.34E-09	1.49E-09	5.83E-09	3.63E-09	1.12E-09	4.75E-09	8.59E-10	2.86E-10	1.15E-09	6.70E-10	1.38E-10	8.08E-10
9194	625408.76	4266824.6	4.40E-09	1.51E-09	5.91E-09	3.67E-09	1.13E-09	4.81E-09	8.70E-10	2.90E-10	1.16E-09	6.78E-10	1.40E-10	8.18E-10
9195	625399.59	4266828.2	4.45E-09	1.53E-09	5.98E-09	3.72E-09	1.15E-09	4.87E-09	8.81E-10	2.93E-10	1.17E-09	6.87E-10	1.41E-10	8.28E-10
9196	625390.43	4266831.81	4.50E-09	1.55E-09	6.05E-09	3.76E-09	1.16E-09	4.92E-09	8.91E-10	2.97E-10	1.19E-09	6.95E-10	1.43E-10	8.38E-10
9197	625381.27	4266835.42	4.56E-09	1.57E-09	6.12E-09	3.81E-09	1.17E-09	4.98E-09	9.02E-10	3.00E-10	1.20E-09	7.03E-10	1.45E-10	8.48E-10
9198	625372.1	4266839.03	4.61E-09	1.59E-09	6.19E-09	3.85E-09	1.19E-09	5.04E-09	9.12E-10	3.04E-10	1.22E-09	7.11E-10	1.46E-10	8.58E-10
9199	625362.94	4266842.64	4.66E-09	1.60E-09	6.26E-09	3.90E-09	1.20E-09	5.10E-09	9.23E-10	3.07E-10	1.23E-09	7.19E-10	1.48E-10	8.67E-10
9200	625353.78	4266846.25	4.71E-09	1.62E-09	6.33E-09	3.94E-09	1.21E-09	5.15E-09	9.33E-10	3.10E-10	1.24E-09	7.27E-10	1.50E-10	8.77E-10
9201	625344.61	4266849.86	4.76E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.86E-10
9202	625335.45	4266853.47	4.81E-09	1.66E-09	6.47E-09	4.02E-09	1.24E-09	5.26E-09	9.53E-10	3.17E-10	1.27E-09	7.43E-10	1.53E-10	8.96E-10
9203	625326.29	4266857.08	4.86E-09	1.67E-09	6.54E-09	4.07E-09	1.25E-09	5.32E-09	9.63E-10	3.20E-10	1.28E-09	7.50E-10	1.54E-10	9.05E-10
9204	625317.12	4266860.69	4.91E-09	1.69E-09	6.60E-09	4.11E-09	1.26E-09	5.37E-09	9.72E-10	3.24E-10	1.30E-09	7.58E-10	1.56E-10	9.14E-10
9205	625307.96	4266864.3	4.96E-09	1.71E-09	6.67E-09	4.15E-09	1.28E-09	5.42E-09	9.82E-10	3.27E-10	1.31E-09	7.66E-10	1.57E-10	9.23E-10
9206	625298.79	4266867.9	5.01E-09	1.72E-09	6.73E-09	4.19E-09	1.29E-09	5.48E-09	9.92E-10	3.30E-10	1.32E-09	7.73E-10	1.59E-10	9.32E-10
9207	625289.63	4266871.51	5.06E-09	1.74E-09	6.80E-09	4.23E-09	1.30E-09	5.53E-09	1.00E-09	3.33E-10	1.33E-09	7.80E-10	1.61E-10	9.41E-10
9208	625280.47	4266875.12	5.11E-09	1.76E-09	6.86E-09	4.27E-09	1.31E-09	5.58E-09	1.01E-09	3.36E-10	1.35E-09	7.88E-10	1.62E-10	9.50E-10
9209	625271.3	4266878.73	5.15E-09	1.77E-09	6.92E-09	4.31E-09	1.33E-09	5.63E-09	1.02E-09	3.39E-10	1.36E-09	7.95E-10	1.64E-10	9.59E-10
9210	625262.14	4266882.34	5.20E-09	1.79E-09	6.99E-09	4.35E-09	1.34E-09	5.68E-09	1.03E-09	3.43E-10	1.37E-09	8.02E-10	1.65E-10	9.67E-10
9211	625252.98	4266885.95	5.24E-09	1.80E-09	7.05E-09	4.38E-09	1.35E-09	5.73E-09	1.04E-09	3.46E-10	1.38E-09	8.09E-10	1.66E-10	9.76E-10
9212	625243.81	4266889.56	5.29E-09	1.82E-09	7.11E-09	4.42E-09	1.36E-09	5.78E-09	1.05E-09	3.48E-10	1.40E-09	8.16E-10	1.68E-10	9.84E-10
9213	625234.65	4266893.17	5.33E-09	1.83E-09	7.17E-09	4.46E-09	1.37E-09	5.83E-09	1.06E-09	3.51E-10	1.41E-09	8.23E-10	1.69E-10	9.92E-10
9214	625225.49	4266896.78	5.38E-09	1.85E-09	7.22E-09	4.49E-09	1.38E-09	5.88E-09	1.06E-09	3.54E-10	1.42E-09	8.30E-10	1.71E-10	1.00E-09
9215	625216.32	4266900.39	5.42E-09	1.86E-09	7.28E-09	4.53E-09	1.39E-09	5.92E-09	1.07E-09	3.57E-10	1.43E-09	8.36E-10	1.72E-10	1.01E-09
9216	625207.16	4266903.99	5.46E-09	1.88E-09	7.33E-09	4.56E-09	1.41E-09	5.97E-09	1.08E-09	3.60E-10	1.44E-09	8.42E-10	1.73E-10	1.02E-09
9217	625197.99	4266907.6	5.50E-09	1.89E-09	7.39E-09	4.59E-09	1.42E-09	6.01E-09	1.09E-09	3.62E-10	1.45E-09	8.48E-10	1.74E-10	1.02E-09
9218	625188.83	4266911.21	5.53E-09	1.90E-09	7.44E-09	4.63E-09	1.42E-09	6.05E-09	1.10E-09	3.65E-10	1.46E-09	8.54E-10	1.76E-10	1.03E-09
9219	625179.67	4266914.82	5.57E-09	1.92E-09	7.49E-09	4.66E-09	1.43E-09	6.09E-09	1.10E-09	3.67E-10	1.47E-09	8.60E-10	1.77E-10	1.04E-09
9220	625170.5	4266918.43	5.60E-09	1.93E-09	7.53E-09	4.68E-09	1.44E-09	6.13E-09	1.11E-09	3.69E-10	1.48E-09	8.65E-10	1.78E-10	1.04E-09
9221	625161.34	4266922.04	5.64E-09	1.94E-09	7.57E-09	4.71E-09	1.45E-09	6.16E-09	1.12E-09	3.71E-10	1.49E-09	8.70E-10	1.79E-10	1.05E-09
9222	625152.18	4266925.65	5.67E-09	1.95E-09	7.61E-09	4.74E-09	1.46E-09	6.19E-09	1.12E-09	3.73E-10	1.49E-09	8.74E-10	1.80E-10	1.05E-09
9223	625143.01	4266929.26	5.69E-09	1.96E-09	7.65E-09	4.76E-09	1.47E-09	6.23E-09	1.13E-09	3.75E-10	1.50E-09	8.79E-10	1.81E-10	1.06E-09
9224	625133.85	4266932.87	5.72E-09	1.97E-09	7.69E-09	4.78E-09	1.47E-09	6.25E-09	1.13E-09	3.77E-10	1.51E-09	8.83E-10	1.82E-10	1.06E-09
9225	625124.69	4266936.48	5.75E-09	1.98E-09	7.72E-09	4.80E-09	1.48E-09	6.28E-09	1.14E-09	3.79E-10	1.52E-09	8.86E-10	1.82E-10	1.07E-09
9226	625115.52	4266940.09	5.77E-09	1.98E-09	7.75E-09	4.82E-09	1.49E-09	6.31E-09	1.14E-09	3.80E-10	1.52E-09	8.90E-10	1.83E-10	1.07E-09
9227	625106.36	4266943.69	5.79E-09	1.99E-09	7.78E-09	4.84E-09	1.49E-09	6.33E-09	1.15E-09	3.81E-10	1.53E-09	8.93E-10	1.84E-10	1.08E-09
9228	625097.2	4266947.3	5.81E-09	2.00E-09	7.81E-09	4.86E-09	1.50E-09	6.35E-09	1.15E-09	3.83E-10	1.53E-09	8.96E-10	1.84E-10	1.08E-09
9229	625088.03	4266950.91	5.83E-09	2.00E-09	7.83E-09	4.87E-09	1.50E-09	6.37E-09	1.15E-09	3.84E-10	1.54E-09	8.99E-10	1.85E-10	1.08E-09
9230	625078.87	4266954.52	5.84E-09	2.01E-09	7.85E-09	4.88E-09	1.50E-09	6.39E-09	1.16E-09	3.85E-10	1.54E-09	9.02E-10	1.85E-10	1.09E-09
9231	625069.7	4266958.13	5.86E-09	2.01E-09	7.87E-09	4.90E-09	1.51E-09	6.41E-09	1.16E-09	3.86E-10	1.55E-09	9.04E-10	1.86E-10	1.09E-09
9232	625060.54	4266961.74	5.87E-09	2.02E-09	7.89E-09	4.91E-09	1.51E-09	6.42E-09	1.16E-09	3.87E-10	1.55E-09	9.06E-10	1.86E-10	1.09E-09
9233	625051.38	4266965.35	5.88E-09	2.02E-09	7.91E-09	4.92E-09	1.52E-09	6.43E-09	1.16E-09	3.88E-10	1.55E-09	9.08E-10	1.87E-10	1.09E-09
9234	625042.21	4266968.96	5.90E-09	2.03E-09	7.92E-09	4.93E-09	1.52E-09	6.45E-09	1.17E-09	3.88E-10	1.56E-09	9.10E-10	1.87E-10	1.10E-09
9235	625033.05	4266972.57	5.90E-09	2.03E-09	7.93E-09	4.93E-09	1.52E-09	6.45E-09	1.17E-09	3.89E-10	1.56E-09	9.11E-10	1.87E-10	1.10E-09
9236	625023.89	4266976.18	5.91E-09	2.03E-09	7.94E-09	4.94E-09	1.52E-09	6.46E-09	1.17E-09	3.89E-10	1.56E-09	9.12E-10	1.88E-10	1.10E-09
9237	625014.72	4266979.79	5.91E-09	2.03E-09	7.95E-09	4.94E-09	1.52E-09	6.47E-09	1.17E-09	3.90E-10	1.56E-09	9.13E-10	1.88E-10	1.10E-09
9238	625005.56	4266983.39	5.92E-09	2.03E-09	7.95E-09	4.94E-09	1.52E-09	6.47E-09	1.17E-09	3.90E-10	1.56E-09	9.13E-10	1.88E-10	1.10E-09
9239	624996.4	4266987	5.91E-09	2.03E-09	7.95E-09	4.94E-09	1.52E-09	6.47E-09	1.17E-09	3.90E-10	1.56E-09	9.13E-10	1.88E-10	1.10E-09
9240	624987.23	4266990.61	5.91E-09	2.03E-09	7.94E-09	4.94E-09	1.52E-09	6.46E-09	1.17E-09	3.89E-10	1.56E-09	9.12E-10	1.88E-10	1.10E-09
9241	624978.07	4266994.22	5.90E-09	2.03E-09	7.93E-09	4.93E-09	1.52E-09	6.45E-09	1.17E-09	3.89E-10	1.56E-09	9.11E-10	1.87E-10	1.10E-09
9242	624968.9	4266997.83	5.89E-09	2.03E-09	7.92E-09	4.93E-09	1.52E-09	6.44E-09	1.17E-09	3.88E-10	1.56E-09	9.10E-10	1.87E-10	1.10E-09

9243	624959.74	4267001.44	5.88E-09	2.02E-09	7.90E-09	4.92E-09	1.51E-09	6.43E-09	1.16E-09	3.88E-10	1.55E-09	9.08E-10	1.87E-10	1.09E-09
9244	624950.58	4267005.05	5.87E-09	2.02E-09	7.88E-09	4.90E-09	1.51E-09	6.41E-09	1.16E-09	3.87E-10	1.55E-09	9.05E-10	1.86E-10	1.09E-09
9245	624941.41	4267008.66	5.85E-09	2.01E-09	7.86E-09	4.89E-09	1.51E-09	6.40E-09	1.16E-09	3.85E-10	1.54E-09	9.03E-10	1.86E-10	1.09E-09
9246	624932.25	4267012.27	5.83E-09	2.00E-09	7.83E-09	4.87E-09	1.50E-09	6.37E-09	1.15E-09	3.84E-10	1.54E-09	9.00E-10	1.85E-10	1.08E-09
9247	624923.09	4267015.88	5.81E-09	2.00E-09	7.81E-09	4.85E-09	1.50E-09	6.35E-09	1.15E-09	3.83E-10	1.53E-09	8.96E-10	1.84E-10	1.08E-09
9248	624913.92	4267019.48	5.78E-09	1.99E-09	7.77E-09	4.83E-09	1.49E-09	6.32E-09	1.14E-09	3.81E-10	1.53E-09	8.92E-10	1.84E-10	1.08E-09
9249	624904.76	4267023.09	5.76E-09	1.98E-09	7.74E-09	4.81E-09	1.48E-09	6.30E-09	1.14E-09	3.79E-10	1.52E-09	8.89E-10	1.83E-10	1.07E-09
9250	624895.6	4267026.7	5.73E-09	1.97E-09	7.70E-09	4.79E-09	1.48E-09	6.27E-09	1.13E-09	3.78E-10	1.51E-09	8.84E-10	1.82E-10	1.07E-09
9251	624886.43	4267030.31	5.70E-09	1.96E-09	7.66E-09	4.77E-09	1.47E-09	6.23E-09	1.13E-09	3.76E-10	1.50E-09	8.80E-10	1.81E-10	1.06E-09
9252	624877.27	4267033.92	5.67E-09	1.95E-09	7.62E-09	4.74E-09	1.46E-09	6.20E-09	1.12E-09	3.74E-10	1.50E-09	8.75E-10	1.80E-10	1.06E-09
9253	624868.1	4267037.53	5.64E-09	1.94E-09	7.58E-09	4.72E-09	1.45E-09	6.17E-09	1.12E-09	3.72E-10	1.49E-09	8.71E-10	1.79E-10	1.05E-09
9254	624858.94	4267041.14	5.61E-09	1.93E-09	7.54E-09	4.69E-09	1.44E-09	6.13E-09	1.11E-09	3.70E-10	1.48E-09	8.66E-10	1.78E-10	1.04E-09
9255	624849.78	4267044.75	5.58E-09	1.92E-09	7.50E-09	4.66E-09	1.44E-09	6.10E-09	1.10E-09	3.68E-10	1.47E-09	8.61E-10	1.77E-10	1.04E-09
9256	624840.61	4267048.36	5.55E-09	1.91E-09	7.45E-09	4.64E-09	1.43E-09	6.06E-09	1.10E-09	3.65E-10	1.46E-09	8.56E-10	1.76E-10	1.03E-09
9257	625747.56	4266156.99	3.30E-09	1.14E-09	4.44E-09	2.76E-09	8.50E-10	3.61E-09	6.54E-10	2.18E-10	8.71E-10	5.09E-10	1.05E-10	6.14E-10
9258	625747.73	4266147.06	3.29E-09	1.13E-09	4.43E-09	2.75E-09	8.48E-10	3.60E-09	6.52E-10	2.17E-10	8.69E-10	5.08E-10	1.05E-10	6.13E-10
9259	625747.89	4266137.13	3.28E-09	1.13E-09	4.41E-09	2.75E-09	8.46E-10	3.59E-09	6.50E-10	2.16E-10	8.67E-10	5.07E-10	1.04E-10	6.11E-10
9260	625748.05	4266127.19	3.28E-09	1.13E-09	4.40E-09	2.74E-09	8.43E-10	3.58E-09	6.48E-10	2.16E-10	8.64E-10	5.05E-10	1.04E-10	6.09E-10
9261	625748.22	4266117.26	3.27E-09	1.12E-09	4.39E-09	2.73E-09	8.41E-10	3.57E-09	6.47E-10	2.15E-10	8.62E-10	5.04E-10	1.04E-10	6.08E-10
9262	625748.38	4266107.33	3.26E-09	1.12E-09	4.38E-09	2.72E-09	8.38E-10	3.56E-09	6.45E-10	2.15E-10	8.59E-10	5.02E-10	1.03E-10	6.06E-10
9263	625748.54	4266097.39	3.25E-09	1.12E-09	4.36E-09	2.71E-09	8.36E-10	3.55E-09	6.42E-10	2.14E-10	8.56E-10	5.01E-10	1.03E-10	6.04E-10
9264	625748.71	4266087.46	3.23E-09	1.11E-09	4.35E-09	2.70E-09	8.33E-10	3.54E-09	6.40E-10	2.13E-10	8.53E-10	4.99E-10	1.03E-10	6.02E-10
9265	625748.87	4266077.53	3.22E-09	1.11E-09	4.33E-09	2.69E-09	8.30E-10	3.52E-09	6.38E-10	2.12E-10	8.51E-10	4.97E-10	1.02E-10	6.00E-10
9266	625749.03	4266067.59	3.21E-09	1.10E-09	4.32E-09	2.69E-09	8.27E-10	3.51E-09	6.36E-10	2.12E-10	8.48E-10	4.96E-10	1.02E-10	5.98E-10
9267	625749.2	4266057.66	3.20E-09	1.10E-09	4.30E-09	2.68E-09	8.24E-10	3.50E-09	6.34E-10	2.11E-10	8.45E-10	4.94E-10	1.02E-10	5.96E-10
9268	625749.36	4266047.73	3.19E-09	1.10E-09	4.29E-09	2.67E-09	8.22E-10	3.49E-09	6.32E-10	2.10E-10	8.42E-10	4.92E-10	1.01E-10	5.94E-10
9269	625749.52	4266037.79	3.18E-09	1.09E-09	4.27E-09	2.66E-09	8.19E-10	3.48E-09	6.30E-10	2.10E-10	8.39E-10	4.91E-10	1.01E-10	5.92E-10
9270	625749.69	4266027.86	3.17E-09	1.09E-09	4.26E-09	2.65E-09	8.16E-10	3.47E-09	6.28E-10	2.09E-10	8.37E-10	4.89E-10	1.01E-10	5.90E-10
9271	625749.85	4266017.93	3.16E-09	1.09E-09	4.25E-09	2.64E-09	8.14E-10	3.46E-09	6.26E-10	2.08E-10	8.34E-10	4.88E-10	1.00E-10	5.88E-10
9272	625750.01	4266007.99	3.15E-09	1.08E-09	4.23E-09	2.63E-09	8.10E-10	3.44E-09	6.23E-10	2.07E-10	8.31E-10	4.86E-10	9.99E-11	5.86E-10
9273	625750.18	4265998.06	3.13E-09	1.08E-09	4.21E-09	2.62E-09	8.07E-10	3.42E-09	6.20E-10	2.06E-10	8.26E-10	4.83E-10	9.94E-11	5.83E-10
9274	625750.34	4265988.13	3.12E-09	1.07E-09	4.19E-09	2.61E-09	8.03E-10	3.41E-09	6.17E-10	2.05E-10	8.22E-10	4.81E-10	9.89E-11	5.80E-10
9275	625750.51	4265978.19	3.11E-09	1.07E-09	4.17E-09	2.60E-09	8.00E-10	3.40E-09	6.15E-10	2.05E-10	8.19E-10	4.79E-10	9.86E-11	5.78E-10
9276	625750.67	4265968.26	3.10E-09	1.06E-09	4.16E-09	2.59E-09	7.97E-10	3.38E-09	6.13E-10	2.04E-10	8.17E-10	4.78E-10	9.82E-11	5.76E-10
9277	625750.83	4265958.33	3.09E-09	1.06E-09	4.15E-09	2.58E-09	7.94E-10	3.37E-09	6.11E-10	2.03E-10	8.14E-10	4.76E-10	9.79E-11	5.74E-10
9278	625751	4265948.39	3.07E-09	1.06E-09	4.13E-09	2.57E-09	7.91E-10	3.36E-09	6.08E-10	2.03E-10	8.11E-10	4.74E-10	9.75E-11	5.72E-10
9279	625751.16	4265938.46	3.06E-09	1.05E-09	4.11E-09	2.56E-09	7.88E-10	3.35E-09	6.06E-10	2.02E-10	8.08E-10	4.72E-10	9.71E-11	5.69E-10
9280	625751.32	4265928.53	3.05E-09	1.05E-09	4.10E-09	2.55E-09	7.85E-10	3.33E-09	6.03E-10	2.01E-10	8.04E-10	4.70E-10	9.67E-11	5.67E-10
9281	625751.49	4265918.59	3.04E-09	1.04E-09	4.08E-09	2.54E-09	7.82E-10	3.32E-09	6.01E-10	2.00E-10	8.01E-10	4.69E-10	9.64E-11	5.65E-10
9282	625751.65	4265908.66	3.03E-09	1.04E-09	4.07E-09	2.53E-09	7.80E-10	3.31E-09	5.99E-10	2.00E-10	7.99E-10	4.67E-10	9.61E-11	5.63E-10
9283	625751.81	4265898.73	3.02E-09	1.04E-09	4.06E-09	2.52E-09	7.78E-10	3.30E-09	5.98E-10	1.99E-10	7.97E-10	4.66E-10	9.59E-11	5.62E-10
9284	625751.98	4265888.79	3.01E-09	1.04E-09	4.05E-09	2.52E-09	7.76E-10	3.30E-09	5.97E-10	1.99E-10	7.95E-10	4.65E-10	9.57E-11	5.61E-10
9285	625752.14	4265878.86	3.01E-09	1.04E-09	4.05E-09	2.52E-09	7.75E-10	3.29E-09	5.96E-10	1.98E-10	7.94E-10	4.65E-10	9.55E-11	5.60E-10
9286	625752.3	4265868.93	3.01E-09	1.03E-09	4.04E-09	2.51E-09	7.75E-10	3.29E-09	5.96E-10	1.98E-10	7.94E-10	4.64E-10	9.55E-11	5.60E-10
9287	625752.47	4265858.99	3.01E-09	1.03E-09	4.04E-09	2.51E-09	7.74E-10	3.29E-09	5.95E-10	1.98E-10	7.93E-10	4.64E-10	9.54E-11	5.59E-10
9288	625752.63	4265849.06	3.01E-09	1.03E-09	4.04E-09	2.51E-09	7.74E-10	3.29E-09	5.95E-10	1.98E-10	7.93E-10	4.64E-10	9.54E-11	5.59E-10
9289	625752.79	4265839.13	3.01E-09	1.03E-09	4.04E-09	2.51E-09	7.74E-10	3.29E-09	5.95E-10	1.98E-10	7.94E-10	4.64E-10	9.55E-11	5.60E-10
9290	625752.96	4265829.19	3.01E-09	1.04E-09	4.05E-09	2.52E-09	7.76E-10	3.29E-09	5.96E-10	1.98E-10	7.95E-10	4.65E-10	9.56E-11	5.60E-10
9291	625753.12	4265819.26	3.02E-09	1.04E-09	4.06E-09	2.52E-09	7.77E-10	3.30E-09	5.97E-10	1.99E-10	7.96E-10	4.66E-10	9.58E-11	5.62E-10
9292	625753.29	4265809.33	3.03E-09	1.04E-09	4.07E-09	2.53E-09	7.79E-10	3.31E-09	5.99E-10	1.99E-10	7.99E-10	4.67E-10	9.61E-11	5.63E-10
9293	625753.45	4265799.39	3.04E-09	1.05E-09	4.08E-09	2.54E-09	7.82E-10	3.32E-09	6.02E-10	2.00E-10	8.02E-10	4.69E-10	9.64E-11	5.65E-10
9294	625753.61	4265789.46	3.05E-09	1.05E-09	4.10E-09	2.55E-09	7.86E-10	3.34E-09	6.04E-10	2.01E-10	8.05E-10	4.71E-10	9.69E-11	5.68E-10
9295	625753.78	4265779.53	3.07E-09	1.06E-09	4.12E-09	2.57E-09	7.90E-10	3.36E-09	6.07E-10	2.02E-10	8.10E-10	4.74E-10	9.74E-11	5.71E-10
9296	625753.94	4265769.59	3.09E-09	1.06E-09	4.15E-09	2.58E-09	7.95E-10	3.37E-09	6.11E-10	2.03E-10	8.14E-10	4.76E-10	9.79E-11	5.74E-10
9297	625754.1	4265759.66	3.10E-09	1.07E-09	4.17E-09	2.60E-09	7.99E-10	3.39E-09	6.15E-10	2.05E-10	8.19E-10	4.79E-10	9.85E-11	5.78E-10
9298	625754.27	4265749.73	3.12E-09	1.07E-09	4.20E-09	2.61E-09	8.05E-10	3.42E-09	6.19E-10	2.06E-10	8.24E-10	4.82E-10	9.92E-11	5.81E-10
9299	625754.43	4265739.79	3.15E-09	1.08E-09	4.23E-09	2.63E-09	8.10E-10	3.44E-09	6.23E-10	2.07E-10	8.30E-10	4.85E-10	9.98E-11	5.85E-10
9300	625754.59	4265729.86	3.17E-09	1.09E-09	4.26E-09	2.65E-09	8.16E-10	3.46E-09	6.27E-10	2.09E-10	8.36E-10	4.89E-10	1.01E-10	5.89E-10
9301	625754.76	4265719.93	3.19E-09	1.10E-09	4.29E-09	2.67E-09	8.21E-10	3.49E-09	6.32E-10	2.10E-10	8.42E-10	4.92E-10	1.01E-10	5.94E-10
9302	625754.92	4265709.99	3.21E-09	1.11E-09	4.32E-09	2.69E-09	8.27E-10	3.51E-09	6.36E-10	2.12E-10	8.48E-10	4.96E-10	1.02E-10	5.98E-10
9303	625755.08	4265700.06	3.24E-09	1.11E-09	4.35E-09	2.71E-09	8.33E-10	3.54E-09	6.41E-10	2.13E-10	8.54E-10	4.99E-10	1.03E-10	6.02E-10
9304	625755.25	4265690.13	3.26E-09	1.12E-09	4.38E-09	2.72E-09	8.39E-10	3.56E-09	6.45E-10	2.15E-10	8.60E-10	5.03E-10	1.03E-10	6.06E-10
9305	625835.65	4266195.6	2.98E-09	1.03E-09	4.01E-09	2.49E-09	7.68E-10	3.26E-09	5.90E-10	1.96E-10	7.86E-10	4.60E-10	9.46E-11	5.55E-10
9306	625831.74	4266204.61	3.00E-09	1.03E-09	4.03E-09	2.51E-09	7.72E-10	3.28E-09	5.94E-10	1.98E-10	7.91E-10	4.63E-10	9.52E-11	5.58E-10
9307	625827.83	4266213.61	3.02E-09	1.04E-09	4.05E-09	2.52E-09	7.76E-10	3.30E-09	5.97E-10	1.99E-10	7.96E-10	4.65E-10	9.57E-11	5.61E-10
9308	625823.92	4266222.62	3.03E-09	1.04E-09	4.07E-09	2.53E-09	7.80E-10	3.31E-09	6.00E-10	2.00E-10	8.00E-10	4.68E-10	9.62E-11	5.64E-10
9309	625820.01	4266231.63	3.05E-09	1.05E-09	4.09E-09	2.55E-09	7.84E-10	3.33E-09	6.03E-10	2.01E-10	8.03E-10	4.70E-10	9.66E-11	5.67E-10
9310	625816.1	4266240.64	3.06E-09	1.05E-09	4.11E-09	2.56E-09	7.87E-10	3.34E-09	6.05E-10	2.01E-10	8.07E-10	4.72E-10	9.71E-11	5.69E-10
9311	625812.19	4266249.65	3.07E-09	1.06E-09	4.12E-09	2.57E-09	7.90E-10	3.36E-09	6.08E-10	2.02E-10	8.10E-10	4.74E-10	9.74E-11	5.71E-10

9312	625808.28	4266258.66	3.08E-09	1.06E-09	4.14E-09	2.57E-09	7.93E-10	3.37E-09	6.09E-10	2.03E-10	8.12E-10	4.75E-10	9.77E-11	5.73E-10
9313	625804.37	4266267.67	3.09E-09	1.06E-09	4.15E-09	2.58E-09	7.95E-10	3.37E-09	6.11E-10	2.03E-10	8.14E-10	4.76E-10	9.80E-11	5.74E-10
9314	625800.46	4266276.68	3.09E-09	1.06E-09	4.16E-09	2.59E-09	7.96E-10	3.38E-09	6.12E-10	2.04E-10	8.16E-10	4.77E-10	9.82E-11	5.75E-10
9315	625796.55	4266285.68	3.10E-09	1.06E-09	4.16E-09	2.59E-09	7.97E-10	3.39E-09	6.13E-10	2.04E-10	8.17E-10	4.78E-10	9.83E-11	5.76E-10
9316	625792.64	4266294.69	3.10E-09	1.07E-09	4.16E-09	2.59E-09	7.98E-10	3.39E-09	6.13E-10	2.04E-10	8.17E-10	4.78E-10	9.83E-11	5.76E-10
9317	625788.73	4266303.7	3.10E-09	1.07E-09	4.16E-09	2.59E-09	7.98E-10	3.39E-09	6.13E-10	2.04E-10	8.17E-10	4.78E-10	9.83E-11	5.76E-10
9318	625784.82	4266312.71	3.10E-09	1.06E-09	4.16E-09	2.59E-09	7.97E-10	3.38E-09	6.13E-10	2.04E-10	8.17E-10	4.78E-10	9.82E-11	5.76E-10
9319	625780.91	4266321.72	3.09E-09	1.06E-09	4.15E-09	2.58E-09	7.96E-10	3.38E-09	6.12E-10	2.04E-10	8.15E-10	4.77E-10	9.81E-11	5.75E-10
9320	625777	4266330.73	3.08E-09	1.06E-09	4.15E-09	2.58E-09	7.94E-10	3.37E-09	6.11E-10	2.03E-10	8.14E-10	4.76E-10	9.79E-11	5.74E-10
9321	625773.09	4266339.74	3.08E-09	1.06E-09	4.13E-09	2.57E-09	7.92E-10	3.36E-09	6.09E-10	2.03E-10	8.12E-10	4.75E-10	9.76E-11	5.72E-10
9322	625769.18	4266348.74	3.07E-09	1.05E-09	4.12E-09	2.56E-09	7.90E-10	3.35E-09	6.07E-10	2.02E-10	8.09E-10	4.73E-10	9.73E-11	5.71E-10
9323	625765.27	4266357.75	3.06E-09	1.05E-09	4.11E-09	2.55E-09	7.87E-10	3.34E-09	6.05E-10	2.01E-10	8.06E-10	4.72E-10	9.70E-11	5.69E-10
9324	625761.36	4266366.76	3.04E-09	1.05E-09	4.09E-09	2.55E-09	7.84E-10	3.33E-09	6.03E-10	2.01E-10	8.03E-10	4.70E-10	9.66E-11	5.66E-10
9325	625757.45	4266375.77	3.03E-09	1.04E-09	4.08E-09	2.54E-09	7.81E-10	3.32E-09	6.00E-10	2.00E-10	8.00E-10	4.68E-10	9.63E-11	5.64E-10
9326	625753.54	4266384.78	3.02E-09	1.04E-09	4.06E-09	2.52E-09	7.78E-10	3.30E-09	5.98E-10	1.99E-10	7.97E-10	4.66E-10	9.58E-11	5.62E-10
9327	625749.63	4266393.79	3.01E-09	1.03E-09	4.04E-09	2.51E-09	7.74E-10	3.29E-09	5.95E-10	1.98E-10	7.93E-10	4.64E-10	9.54E-11	5.59E-10
9328	625745.72	4266402.8	2.99E-09	1.03E-09	4.02E-09	2.50E-09	7.71E-10	3.27E-09	5.92E-10	1.97E-10	7.90E-10	4.62E-10	9.50E-11	5.57E-10
9329	625741.81	4266411.8	2.98E-09	1.02E-09	4.01E-09	2.49E-09	7.67E-10	3.26E-09	5.90E-10	1.96E-10	7.86E-10	4.60E-10	9.46E-11	5.54E-10
9330	625737.9	4266420.81	2.97E-09	1.02E-09	3.99E-09	2.48E-09	7.64E-10	3.25E-09	5.88E-10	1.96E-10	7.83E-10	4.58E-10	9.42E-11	5.52E-10
9331	625733.99	4266429.82	2.96E-09	1.02E-09	3.97E-09	2.47E-09	7.61E-10	3.23E-09	5.85E-10	1.95E-10	7.80E-10	4.56E-10	9.39E-11	5.50E-10
9332	625730.08	4266438.83	2.95E-09	1.01E-09	3.96E-09	2.46E-09	7.59E-10	3.22E-09	5.83E-10	1.94E-10	7.78E-10	4.55E-10	9.35E-11	5.48E-10
9333	625726.17	4266447.84	2.94E-09	1.01E-09	3.95E-09	2.46E-09	7.57E-10	3.21E-09	5.82E-10	1.94E-10	7.75E-10	4.53E-10	9.33E-11	5.47E-10
9334	625722.26	4266456.85	2.93E-09	1.01E-09	3.94E-09	2.45E-09	7.55E-10	3.21E-09	5.80E-10	1.93E-10	7.73E-10	4.52E-10	9.30E-11	5.45E-10
9335	625718.35	4266465.86	2.93E-09	1.01E-09	3.93E-09	2.45E-09	7.53E-10	3.20E-09	5.79E-10	1.93E-10	7.72E-10	4.51E-10	9.29E-11	5.44E-10
9336	625714.44	4266474.87	2.92E-09	1.00E-09	3.93E-09	2.44E-09	7.52E-10	3.19E-09	5.78E-10	1.92E-10	7.71E-10	4.51E-10	9.27E-11	5.44E-10
9337	625710.53	4266483.87	2.92E-09	1.00E-09	3.92E-09	2.44E-09	7.51E-10	3.19E-09	5.78E-10	1.92E-10	7.70E-10	4.50E-10	9.26E-11	5.43E-10
9338	625706.62	4266492.88	2.92E-09	1.00E-09	3.92E-09	2.44E-09	7.51E-10	3.19E-09	5.77E-10	1.92E-10	7.70E-10	4.50E-10	9.26E-11	5.43E-10
9339	625702.71	4266501.89	2.92E-09	1.00E-09	3.92E-09	2.44E-09	7.51E-10	3.19E-09	5.77E-10	1.92E-10	7.69E-10	4.50E-10	9.25E-11	5.42E-10
9340	625698.8	4266510.9	2.92E-09	1.00E-09	3.92E-09	2.44E-09	7.51E-10	3.19E-09	5.77E-10	1.92E-10	7.69E-10	4.50E-10	9.25E-11	5.42E-10
9341	625694.89	4266519.91	2.92E-09	1.00E-09	3.92E-09	2.44E-09	7.51E-10	3.19E-09	5.78E-10	1.92E-10	7.70E-10	4.50E-10	9.26E-11	5.43E-10
9342	625690.98	4266528.92	2.92E-09	1.00E-09	3.93E-09	2.44E-09	7.52E-10	3.19E-09	5.78E-10	1.92E-10	7.71E-10	4.51E-10	9.27E-11	5.43E-10
9343	625687.07	4266537.93	2.93E-09	1.01E-09	3.93E-09	2.45E-09	7.53E-10	3.20E-09	5.79E-10	1.93E-10	7.72E-10	4.52E-10	9.29E-11	5.44E-10
9344	625683.16	4266546.93	2.93E-09	1.01E-09	3.94E-09	2.45E-09	7.55E-10	3.21E-09	5.80E-10	1.93E-10	7.74E-10	4.52E-10	9.31E-11	5.46E-10
9345	625679.25	4266555.94	2.94E-09	1.01E-09	3.95E-09	2.46E-09	7.57E-10	3.21E-09	5.82E-10	1.94E-10	7.76E-10	4.54E-10	9.33E-11	5.47E-10
9346	625675.34	4266564.95	2.95E-09	1.01E-09	3.96E-09	2.46E-09	7.59E-10	3.22E-09	5.84E-10	1.94E-10	7.78E-10	4.55E-10	9.36E-11	5.49E-10
9347	625671.43	4266573.96	2.96E-09	1.02E-09	3.97E-09	2.47E-09	7.62E-10	3.23E-09	5.85E-10	1.95E-10	7.80E-10	4.56E-10	9.39E-11	5.50E-10
9348	625667.52	4266582.97	2.97E-09	1.02E-09	3.99E-09	2.48E-09	7.64E-10	3.24E-09	5.87E-10	1.96E-10	7.83E-10	4.58E-10	9.42E-11	5.52E-10
9349	625663.61	4266591.98	2.98E-09	1.02E-09	4.00E-09	2.49E-09	7.67E-10	3.26E-09	5.90E-10	1.96E-10	7.86E-10	4.60E-10	9.45E-11	5.54E-10
9350	625659.7	4266600.99	2.99E-09	1.03E-09	4.02E-09	2.50E-09	7.70E-10	3.27E-09	5.92E-10	1.97E-10	7.89E-10	4.61E-10	9.49E-11	5.56E-10
9351	625655.79	4266609.99	3.00E-09	1.03E-09	4.04E-09	2.51E-09	7.73E-10	3.28E-09	5.94E-10	1.98E-10	7.92E-10	4.63E-10	9.53E-11	5.59E-10
9352	625651.88	4266619	3.02E-09	1.04E-09	4.05E-09	2.52E-09	7.76E-10	3.30E-09	5.97E-10	1.99E-10	7.96E-10	4.65E-10	9.57E-11	5.61E-10
9353	625647.96	4266628.01	3.03E-09	1.04E-09	4.07E-09	2.53E-09	7.80E-10	3.31E-09	6.00E-10	2.00E-10	7.99E-10	4.68E-10	9.62E-11	5.64E-10
9354	625644.05	4266637.02	3.04E-09	1.05E-09	4.09E-09	2.55E-09	7.84E-10	3.33E-09	6.03E-10	2.01E-10	8.03E-10	4.70E-10	9.66E-11	5.66E-10
9355	625640.14	4266646.03	3.06E-09	1.05E-09	4.11E-09	2.56E-09	7.88E-10	3.35E-09	6.06E-10	2.02E-10	8.08E-10	4.72E-10	9.71E-11	5.69E-10
9356	625636.23	4266655.04	3.08E-09	1.06E-09	4.14E-09	2.57E-09	7.92E-10	3.36E-09	6.09E-10	2.03E-10	8.12E-10	4.75E-10	9.77E-11	5.73E-10
9357	625632.32	4266664.05	3.09E-09	1.06E-09	4.16E-09	2.59E-09	7.97E-10	3.38E-09	6.13E-10	2.04E-10	8.17E-10	4.78E-10	9.82E-11	5.76E-10
9358	625628.41	4266673.06	3.11E-09	1.07E-09	4.18E-09	2.60E-09	8.01E-10	3.40E-09	6.16E-10	2.05E-10	8.21E-10	4.80E-10	9.88E-11	5.79E-10
9359	625624.5	4266682.06	3.13E-09	1.08E-09	4.21E-09	2.62E-09	8.06E-10	3.42E-09	6.20E-10	2.06E-10	8.26E-10	4.83E-10	9.94E-11	5.83E-10
9360	625569.76	4266808.19	3.40E-09	1.17E-09	4.58E-09	2.85E-09	8.77E-10	3.72E-09	6.74E-10	2.24E-10	8.98E-10	5.25E-10	1.08E-10	6.33E-10
9361	625565.85	4266817.19	3.42E-09	1.18E-09	4.60E-09	2.86E-09	8.81E-10	3.74E-09	6.77E-10	2.25E-10	9.03E-10	5.28E-10	1.09E-10	6.37E-10
9362	625561.94	4266826.2	3.44E-09	1.18E-09	4.62E-09	2.87E-09	8.86E-10	3.76E-09	6.81E-10	2.27E-10	9.07E-10	5.31E-10	1.09E-10	6.40E-10
9363	625558.03	4266835.21	3.46E-09	1.19E-09	4.64E-09	2.89E-09	8.90E-10	3.78E-09	6.84E-10	2.28E-10	9.12E-10	5.33E-10	1.10E-10	6.43E-10
9364	625554.12	4266844.22	3.47E-09	1.19E-09	4.66E-09	2.90E-09	8.94E-10	3.79E-09	6.87E-10	2.29E-10	9.16E-10	5.36E-10	1.10E-10	6.46E-10
9365	625550.21	4266853.23	3.48E-09	1.20E-09	4.68E-09	2.91E-09	8.97E-10	3.81E-09	6.90E-10	2.30E-10	9.19E-10	5.38E-10	1.11E-10	6.48E-10
9366	625546.3	4266862.24	3.50E-09	1.20E-09	4.70E-09	2.92E-09	9.01E-10	3.83E-09	6.93E-10	2.31E-10	9.23E-10	5.40E-10	1.11E-10	6.51E-10
9367	625533.25	4266874.84	3.56E-09	1.22E-09	4.78E-09	2.97E-09	9.16E-10	3.89E-09	7.04E-10	2.34E-10	9.38E-10	5.49E-10	1.13E-10	6.62E-10
9368	625524.11	4266878.44	3.60E-09	1.24E-09	4.84E-09	3.01E-09	9.27E-10	3.94E-09	7.13E-10	2.37E-10	9.50E-10	5.56E-10	1.14E-10	6.70E-10
9369	625514.98	4266882.04	3.65E-09	1.25E-09	4.90E-09	3.05E-09	9.39E-10	3.99E-09	7.22E-10	2.40E-10	9.62E-10	5.63E-10	1.16E-10	6.78E-10
9370	625505.84	4266885.64	3.69E-09	1.27E-09	4.96E-09	3.09E-09	9.50E-10	4.04E-09	7.31E-10	2.43E-10	9.74E-10	5.70E-10	1.17E-10	6.87E-10
9371	625496.7	4266889.24	3.74E-09	1.28E-09	5.02E-09	3.12E-09	9.62E-10	4.08E-09	7.39E-10	2.46E-10	9.86E-10	5.76E-10	1.19E-10	6.95E-10
9372	625487.56	4266892.84	3.78E-09	1.30E-09	5.08E-09	3.16E-09	9.73E-10	4.13E-09	7.48E-10	2.49E-10	9.97E-10	5.83E-10	1.20E-10	7.03E-10
9373	625478.43	4266896.44	3.82E-09	1.31E-09	5.14E-09	3.20E-09	9.84E-10	4.18E-09	7.57E-10	2.52E-10	1.01E-09	5.90E-10	1.21E-10	7.11E-10
9374	625469.29	4266900.04	3.87E-09	1.33E-09	5.19E-09	3.23E-09	9.95E-10	4.23E-09	7.65E-10	2.55E-10	1.02E-09	5.96E-10	1.23E-10	7.19E-10
9375	625460.15	4266903.63	3.91E-09	1.34E-09	5.25E-09	3.27E-09	1.01E-09	4.27E-09	7.74E-10	2.57E-10	1.03E-09	6.03E-10	1.24E-10	7.27E-10
9376	625451.01	4266907.23	3.95E-09	1.36E-09	5.31E-09	3.30E-09	1.02E-09	4.32E-09	7.82E-10	2.60E-10	1.04E-09	6.09E-10	1.25E-10	7.35E-10
9377	625441.88	4266910.83	3.99E-09	1.37E-09	5.36E-09	3.34E-09	1.03E-09	4.36E-09	7.90E-10	2.63E-10	1.05E-09	6.16E-10	1.27E-10	7.42E-10
9378	625432.74	4266914.43	4.03E-09	1.39E-09	5.42E-09	3.37E-09	1.04E-09	4.41E-09	7.98E-10	2.66E-10	1.06E-09	6.22E-10	1.28E-10	7.50E-10
9379	625423.6	4266918.03	4.07E-09	1.40E-09	5.47E-09	3.40E-09	1.05E-09	4.45E-09	8.06E-10	2.68E-10	1.07E-09	6.28E-10	1.29E-10	7.57E-10
9380	625414.46	4266921.63	4.11E-09	1.41E-09	5.52E-09	3.44E-09	1.06E-09	4.49E-09	8.14E-10	2.71E-10	1.08E-09	6.34E-10	1.30E-10	7.65E-10

9381	625405.33	4266925.23	4.15E-09	1.43E-09	5.58E-09	3.47E-09	1.07E-09	4.54E-09	8.21E-10	2.73E-10	1.09E-09	6.40E-10	1.32E-10	7.72E-10
9382	625396.19	4266928.83	4.19E-09	1.44E-09	5.63E-09	3.50E-09	1.08E-09	4.58E-09	8.29E-10	2.76E-10	1.11E-09	6.46E-10	1.33E-10	7.79E-10
9383	625387.05	4266932.42	4.23E-09	1.45E-09	5.68E-09	3.53E-09	1.09E-09	4.62E-09	8.37E-10	2.78E-10	1.12E-09	6.52E-10	1.34E-10	7.86E-10
9384	625377.91	4266936.02	4.26E-09	1.47E-09	5.73E-09	3.56E-09	1.10E-09	4.66E-09	8.44E-10	2.81E-10	1.13E-09	6.58E-10	1.35E-10	7.93E-10
9385	625368.78	4266939.62	4.30E-09	1.48E-09	5.78E-09	3.60E-09	1.11E-09	4.70E-09	8.52E-10	2.83E-10	1.14E-09	6.64E-10	1.37E-10	8.00E-10
9386	625359.64	4266943.22	4.34E-09	1.49E-09	5.83E-09	3.63E-09	1.12E-09	4.74E-09	8.59E-10	2.86E-10	1.14E-09	6.70E-10	1.38E-10	8.07E-10
9387	625350.5	4266946.82	4.38E-09	1.50E-09	5.88E-09	3.66E-09	1.13E-09	4.78E-09	8.66E-10	2.88E-10	1.15E-09	6.75E-10	1.39E-10	8.14E-10
9388	625341.36	4266950.42	4.41E-09	1.52E-09	5.93E-09	3.69E-09	1.14E-09	4.82E-09	8.74E-10	2.91E-10	1.16E-09	6.81E-10	1.40E-10	8.21E-10
9389	625332.23	4266954.02	4.45E-09	1.53E-09	5.98E-09	3.72E-09	1.15E-09	4.86E-09	8.81E-10	2.93E-10	1.17E-09	6.87E-10	1.41E-10	8.28E-10
9390	625323.09	4266957.62	4.49E-09	1.54E-09	6.03E-09	3.75E-09	1.16E-09	4.91E-09	8.88E-10	2.96E-10	1.18E-09	6.92E-10	1.42E-10	8.35E-10
9391	625313.95	4266961.22	4.52E-09	1.56E-09	6.08E-09	3.78E-09	1.16E-09	4.94E-09	8.95E-10	2.98E-10	1.19E-09	6.98E-10	1.44E-10	8.41E-10
9392	625304.81	4266964.81	4.56E-09	1.57E-09	6.13E-09	3.81E-09	1.17E-09	4.98E-09	9.02E-10	3.00E-10	1.20E-09	7.03E-10	1.45E-10	8.48E-10
9393	625295.68	4266968.41	4.59E-09	1.58E-09	6.17E-09	3.84E-09	1.18E-09	5.02E-09	9.09E-10	3.03E-10	1.21E-09	7.09E-10	1.46E-10	8.55E-10
9394	625286.54	4266972.01	4.63E-09	1.59E-09	6.22E-09	3.87E-09	1.19E-09	5.06E-09	9.16E-10	3.05E-10	1.22E-09	7.14E-10	1.47E-10	8.61E-10
9395	625277.4	4266975.61	4.66E-09	1.60E-09	6.27E-09	3.90E-09	1.20E-09	5.10E-09	9.23E-10	3.07E-10	1.23E-09	7.20E-10	1.48E-10	8.68E-10
9396	625268.26	4266979.21	4.70E-09	1.62E-09	6.31E-09	3.93E-09	1.21E-09	5.14E-09	9.30E-10	3.10E-10	1.24E-09	7.25E-10	1.49E-10	8.74E-10
9397	625259.13	4266982.81	4.73E-09	1.63E-09	6.36E-09	3.95E-09	1.22E-09	5.17E-09	9.36E-10	3.12E-10	1.25E-09	7.30E-10	1.50E-10	8.80E-10
9398	625249.99	4266986.41	4.76E-09	1.64E-09	6.40E-09	3.98E-09	1.23E-09	5.21E-09	9.43E-10	3.14E-10	1.26E-09	7.35E-10	1.51E-10	8.86E-10
9399	625240.85	4266990.01	4.79E-09	1.65E-09	6.44E-09	4.01E-09	1.23E-09	5.24E-09	9.49E-10	3.16E-10	1.27E-09	7.40E-10	1.52E-10	8.92E-10
9400	625231.71	4266993.6	4.82E-09	1.66E-09	6.48E-09	4.03E-09	1.24E-09	5.28E-09	9.55E-10	3.18E-10	1.27E-09	7.45E-10	1.53E-10	8.98E-10
9401	625222.58	4266997.2	4.85E-09	1.67E-09	6.52E-09	4.06E-09	1.25E-09	5.31E-09	9.61E-10	3.20E-10	1.28E-09	7.49E-10	1.54E-10	9.03E-10
9402	625213.44	4267000.8	4.88E-09	1.68E-09	6.56E-09	4.08E-09	1.26E-09	5.34E-09	9.66E-10	3.22E-10	1.29E-09	7.53E-10	1.55E-10	9.08E-10
9403	625204.3	4267004.4	4.91E-09	1.69E-09	6.59E-09	4.10E-09	1.26E-09	5.37E-09	9.71E-10	3.23E-10	1.29E-09	7.57E-10	1.56E-10	9.13E-10
9404	625195.16	4267008	4.93E-09	1.70E-09	6.63E-09	4.12E-09	1.27E-09	5.39E-09	9.76E-10	3.25E-10	1.30E-09	7.61E-10	1.57E-10	9.18E-10
9405	625186.03	4267011.6	4.96E-09	1.70E-09	6.66E-09	4.14E-09	1.28E-09	5.42E-09	9.81E-10	3.26E-10	1.31E-09	7.65E-10	1.57E-10	9.22E-10
9406	625176.89	4267015.2	4.98E-09	1.71E-09	6.69E-09	4.16E-09	1.28E-09	5.44E-09	9.85E-10	3.28E-10	1.31E-09	7.68E-10	1.58E-10	9.26E-10
9407	625167.75	4267018.8	5.00E-09	1.72E-09	6.72E-09	4.18E-09	1.29E-09	5.46E-09	9.89E-10	3.29E-10	1.32E-09	7.71E-10	1.59E-10	9.30E-10
9408	625158.61	4267022.39	5.02E-09	1.73E-09	6.74E-09	4.19E-09	1.29E-09	5.49E-09	9.93E-10	3.31E-10	1.32E-09	7.74E-10	1.59E-10	9.33E-10
9409	625149.48	4267025.99	5.04E-09	1.73E-09	6.77E-09	4.21E-09	1.30E-09	5.50E-09	9.97E-10	3.32E-10	1.33E-09	7.77E-10	1.60E-10	9.37E-10
9410	625140.34	4267029.59	5.05E-09	1.74E-09	6.79E-09	4.22E-09	1.30E-09	5.52E-09	1.00E-09	3.33E-10	1.33E-09	7.80E-10	1.60E-10	9.40E-10
9411	625131.2	4267033.19	5.07E-09	1.74E-09	6.81E-09	4.24E-09	1.30E-09	5.54E-09	1.00E-09	3.34E-10	1.34E-09	7.82E-10	1.61E-10	9.43E-10
9412	625122.06	4267036.79	5.08E-09	1.75E-09	6.83E-09	4.25E-09	1.31E-09	5.56E-09	1.01E-09	3.35E-10	1.34E-09	7.84E-10	1.61E-10	9.46E-10
9413	625112.93	4267040.39	5.10E-09	1.75E-09	6.85E-09	4.26E-09	1.31E-09	5.57E-09	1.01E-09	3.36E-10	1.34E-09	7.86E-10	1.62E-10	9.48E-10
9414	625103.79	4267043.99	5.11E-09	1.76E-09	6.87E-09	4.27E-09	1.32E-09	5.59E-09	1.01E-09	3.37E-10	1.35E-09	7.88E-10	1.62E-10	9.51E-10
9415	625094.65	4267047.59	5.12E-09	1.76E-09	6.88E-09	4.28E-09	1.32E-09	5.60E-09	1.01E-09	3.37E-10	1.35E-09	7.90E-10	1.63E-10	9.53E-10
9416	625085.51	4267051.18	5.13E-09	1.77E-09	6.90E-09	4.29E-09	1.32E-09	5.61E-09	1.02E-09	3.38E-10	1.35E-09	7.92E-10	1.63E-10	9.55E-10
9417	625076.38	4267054.78	5.14E-09	1.77E-09	6.91E-09	4.30E-09	1.32E-09	5.62E-09	1.02E-09	3.39E-10	1.36E-09	7.94E-10	1.63E-10	9.57E-10
9418	625067.24	4267058.38	5.15E-09	1.77E-09	6.92E-09	4.31E-09	1.33E-09	5.63E-09	1.02E-09	3.39E-10	1.36E-09	7.95E-10	1.63E-10	9.58E-10
9419	625058.1	4267061.98	5.16E-09	1.77E-09	6.93E-09	4.31E-09	1.33E-09	5.64E-09	1.02E-09	3.40E-10	1.36E-09	7.96E-10	1.64E-10	9.59E-10
9420	625048.96	4267065.58	5.16E-09	1.78E-09	6.94E-09	4.31E-09	1.33E-09	5.64E-09	1.02E-09	3.40E-10	1.36E-09	7.97E-10	1.64E-10	9.60E-10
9421	625039.83	4267069.18	5.17E-09	1.78E-09	6.94E-09	4.32E-09	1.33E-09	5.65E-09	1.02E-09	3.40E-10	1.36E-09	7.97E-10	1.64E-10	9.61E-10
9422	625030.69	4267072.78	5.17E-09	1.78E-09	6.94E-09	4.32E-09	1.33E-09	5.65E-09	1.02E-09	3.40E-10	1.36E-09	7.97E-10	1.64E-10	9.61E-10
9423	625021.55	4267076.38	5.16E-09	1.78E-09	6.94E-09	4.32E-09	1.33E-09	5.65E-09	1.02E-09	3.40E-10	1.36E-09	7.97E-10	1.64E-10	9.61E-10
9424	625012.41	4267079.97	5.16E-09	1.77E-09	6.94E-09	4.31E-09	1.33E-09	5.64E-09	1.02E-09	3.40E-10	1.36E-09	7.96E-10	1.64E-10	9.60E-10
9425	625003.28	4267083.57	5.16E-09	1.77E-09	6.93E-09	4.31E-09	1.33E-09	5.64E-09	1.02E-09	3.40E-10	1.36E-09	7.95E-10	1.64E-10	9.59E-10
9426	624994.14	4267087.17	5.15E-09	1.77E-09	6.92E-09	4.30E-09	1.33E-09	5.63E-09	1.02E-09	3.39E-10	1.36E-09	7.94E-10	1.63E-10	9.57E-10
9427	624985	4267090.77	5.14E-09	1.77E-09	6.90E-09	4.29E-09	1.32E-09	5.62E-09	1.02E-09	3.38E-10	1.35E-09	7.92E-10	1.63E-10	9.55E-10
9428	624975.86	4267094.37	5.12E-09	1.76E-09	6.88E-09	4.28E-09	1.32E-09	5.60E-09	1.01E-09	3.38E-10	1.35E-09	7.90E-10	1.63E-10	9.53E-10
9429	624966.73	4267097.97	5.11E-09	1.76E-09	6.86E-09	4.27E-09	1.31E-09	5.58E-09	1.01E-09	3.36E-10	1.35E-09	7.88E-10	1.62E-10	9.50E-10
9430	624957.59	4267101.57	5.09E-09	1.75E-09	6.84E-09	4.25E-09	1.31E-09	5.56E-09	1.01E-09	3.35E-10	1.34E-09	7.85E-10	1.61E-10	9.47E-10
9431	624948.45	4267105.17	5.07E-09	1.74E-09	6.81E-09	4.24E-09	1.31E-09	5.54E-09	1.00E-09	3.34E-10	1.34E-09	7.82E-10	1.61E-10	9.43E-10
9432	624939.31	4267108.77	5.05E-09	1.74E-09	6.78E-09	4.22E-09	1.30E-09	5.52E-09	9.99E-10	3.33E-10	1.33E-09	7.79E-10	1.60E-10	9.39E-10
9433	624930.18	4267112.36	5.02E-09	1.73E-09	6.75E-09	4.20E-09	1.29E-09	5.49E-09	9.95E-10	3.31E-10	1.33E-09	7.75E-10	1.59E-10	9.35E-10
9434	624921.04	4267115.96	5.00E-09	1.72E-09	6.72E-09	4.18E-09	1.29E-09	5.47E-09	9.90E-10	3.29E-10	1.32E-09	7.72E-10	1.59E-10	9.30E-10
9435	624911.9	4267119.56	4.97E-09	1.71E-09	6.68E-09	4.16E-09	1.28E-09	5.44E-09	9.85E-10	3.28E-10	1.31E-09	7.68E-10	1.58E-10	9.25E-10
9436	624902.76	4267123.16	4.95E-09	1.70E-09	6.65E-09	4.14E-09	1.27E-09	5.41E-09	9.79E-10	3.26E-10	1.31E-09	7.64E-10	1.57E-10	9.21E-10
9437	624893.63	4267126.76	4.92E-09	1.69E-09	6.61E-09	4.11E-09	1.27E-09	5.38E-09	9.74E-10	3.24E-10	1.30E-09	7.59E-10	1.56E-10	9.15E-10
9438	624884.49	4267130.36	4.89E-09	1.68E-09	6.58E-09	4.09E-09	1.26E-09	5.35E-09	9.69E-10	3.22E-10	1.29E-09	7.55E-10	1.55E-10	9.10E-10
9439	624875.35	4267133.96	4.87E-09	1.67E-09	6.54E-09	4.07E-09	1.25E-09	5.32E-09	9.63E-10	3.21E-10	1.28E-09	7.51E-10	1.54E-10	9.05E-10
9440	624866.21	4267137.56	4.84E-09	1.66E-09	6.50E-09	4.04E-09	1.25E-09	5.29E-09	9.58E-10	3.19E-10	1.28E-09	7.46E-10	1.54E-10	9.00E-10
9441	624857.08	4267141.15	4.81E-09	1.65E-09	6.46E-09	4.02E-09	1.24E-09	5.26E-09	9.52E-10	3.17E-10	1.27E-09	7.42E-10	1.53E-10	8.95E-10
9442	624847.94	4267144.75	4.78E-09	1.64E-09	6.43E-09	4.00E-09	1.23E-09	5.23E-09	9.47E-10	3.15E-10	1.26E-09	7.38E-10	1.52E-10	8.90E-10
9443	624838.8	4267148.35	4.75E-09	1.64E-09	6.39E-09	3.97E-09	1.22E-09	5.20E-09	9.41E-10	3.13E-10	1.25E-09	7.34E-10	1.51E-10	8.85E-10
9444	625847.55	4266158.64	2.91E-09	1.00E-09	3.91E-09	2.43E-09	7.50E-10	3.18E-09	5.76E-10	1.92E-10	7.68E-10	4.49E-10	9.24E-11	5.42E-10
9445	625847.71	4266148.71	2.90E-09	9.98E-10	3.90E-09	2.43E-09	7.47E-10	3.17E-09	5.74E-10	1.91E-10	7.66E-10	4.48E-10	9.21E-11	5.40E-10
9446	625847.88	4266138.77	2.89E-09	9.94E-10	3.89E-09	2.42E-09	7.45E-10	3.16E-09	5.72E-10	1.91E-10	7.63E-10	4.46E-10	9.18E-11	5.38E-10
9447	625848.04	4266128.84	2.88E-09	9.90E-10	3.87E-09	2.41E-09	7.42E-10	3.15E-09	5.70E-10	1.90E-10	7.60E-10	4.44E-10	9.14E-11	5.36E-10
9448	625848.2	4266118.91	2.87E-09	9.87E-10	3.86E-09	2.40E-09	7.39E-10	3.14E-09	5.68E-10	1.89E-10	7.57E-10	4.43E-10	9.11E-11	5.34E-10
9449	625848.37	4266108.97	2.86E-09	9.83E-10	3.84E-09	2.39E-09	7.36E-10	3.12E-09	5.66E-10	1.88E-10	7.54E-10	4.41E-10	9.07E-11	5.32E-10

9450	625848.53	4266099.04	2.84E-09	9.78E-10	3.82E-09	2.38E-09	7.32E-10	3.11E-09	5.63E-10	1.87E-10	7.50E-10	4.39E-10	9.03E-11	5.29E-10
9451	625848.69	4266089.11	2.83E-09	9.73E-10	3.80E-09	2.37E-09	7.29E-10	3.09E-09	5.60E-10	1.86E-10	7.47E-10	4.37E-10	8.98E-11	5.27E-10
9452	625848.86	4266079.17	2.82E-09	9.68E-10	3.78E-09	2.35E-09	7.25E-10	3.08E-09	5.57E-10	1.85E-10	7.43E-10	4.34E-10	8.93E-11	5.24E-10
9453	625849.02	4266069.24	2.80E-09	9.63E-10	3.76E-09	2.34E-09	7.21E-10	3.06E-09	5.54E-10	1.84E-10	7.38E-10	4.32E-10	8.88E-11	5.21E-10
9454	625849.18	4266059.31	2.78E-09	9.57E-10	3.74E-09	2.33E-09	7.16E-10	3.04E-09	5.51E-10	1.83E-10	7.34E-10	4.29E-10	8.83E-11	5.18E-10
9455	625849.35	4266049.37	2.77E-09	9.51E-10	3.72E-09	2.31E-09	7.12E-10	3.02E-09	5.47E-10	1.82E-10	7.30E-10	4.27E-10	8.78E-11	5.14E-10
9456	625849.51	4266039.44	2.75E-09	9.45E-10	3.69E-09	2.30E-09	7.08E-10	3.01E-09	5.44E-10	1.81E-10	7.25E-10	4.24E-10	8.72E-11	5.11E-10
9457	625849.67	4266029.51	2.73E-09	9.39E-10	3.67E-09	2.28E-09	7.03E-10	2.99E-09	5.41E-10	1.80E-10	7.21E-10	4.22E-10	8.67E-11	5.08E-10
9458	625849.84	4266019.57	2.72E-09	9.34E-10	3.65E-09	2.27E-09	6.99E-10	2.97E-09	5.37E-10	1.79E-10	7.16E-10	4.19E-10	8.62E-11	5.05E-10
9459	625850	4266009.64	2.70E-09	9.29E-10	3.63E-09	2.26E-09	6.95E-10	2.95E-09	5.35E-10	1.78E-10	7.13E-10	4.17E-10	8.57E-11	5.02E-10
9460	625850.16	4265999.71	2.69E-09	9.24E-10	3.61E-09	2.25E-09	6.92E-10	2.94E-09	5.32E-10	1.77E-10	7.09E-10	4.15E-10	8.53E-11	5.00E-10
9461	625850.33	4265989.77	2.67E-09	9.20E-10	3.59E-09	2.24E-09	6.89E-10	2.92E-09	5.29E-10	1.76E-10	7.06E-10	4.13E-10	8.49E-11	4.98E-10
9462	625850.49	4265979.84	2.66E-09	9.15E-10	3.57E-09	2.22E-09	6.85E-10	2.91E-09	5.27E-10	1.75E-10	7.02E-10	4.10E-10	8.44E-11	4.95E-10
9463	625850.66	4265969.91	2.64E-09	9.10E-10	3.55E-09	2.21E-09	6.81E-10	2.89E-09	5.24E-10	1.74E-10	6.98E-10	4.08E-10	8.39E-11	4.92E-10
9464	625850.82	4265959.97	2.63E-09	9.04E-10	3.53E-09	2.20E-09	6.77E-10	2.87E-09	5.20E-10	1.73E-10	6.94E-10	4.06E-10	8.34E-11	4.89E-10
9465	625850.98	4265950.04	2.62E-09	9.00E-10	3.52E-09	2.19E-09	6.74E-10	2.86E-09	5.18E-10	1.72E-10	6.90E-10	4.04E-10	8.31E-11	4.87E-10
9466	625851.15	4265940.11	2.61E-09	8.97E-10	3.50E-09	2.18E-09	6.71E-10	2.85E-09	5.16E-10	1.72E-10	6.88E-10	4.02E-10	8.27E-11	4.85E-10
9467	625851.31	4265930.17	2.60E-09	8.93E-10	3.49E-09	2.17E-09	6.69E-10	2.84E-09	5.14E-10	1.71E-10	6.85E-10	4.01E-10	8.25E-11	4.83E-10
9468	625851.47	4265920.24	2.59E-09	8.91E-10	3.48E-09	2.17E-09	6.67E-10	2.83E-09	5.13E-10	1.71E-10	6.83E-10	4.00E-10	8.22E-11	4.82E-10
9469	625851.64	4265910.31	2.58E-09	8.88E-10	3.47E-09	2.16E-09	6.65E-10	2.82E-09	5.11E-10	1.70E-10	6.82E-10	3.99E-10	8.20E-11	4.81E-10
9470	625851.8	4265900.37	2.58E-09	8.86E-10	3.46E-09	2.15E-09	6.64E-10	2.82E-09	5.10E-10	1.70E-10	6.80E-10	3.98E-10	8.18E-11	4.80E-10
9471	625851.96	4265890.44	2.57E-09	8.85E-10	3.46E-09	2.15E-09	6.63E-10	2.81E-09	5.10E-10	1.70E-10	6.79E-10	3.97E-10	8.17E-11	4.79E-10
9472	625852.13	4265880.51	2.57E-09	8.84E-10	3.46E-09	2.15E-09	6.62E-10	2.81E-09	5.09E-10	1.69E-10	6.79E-10	3.97E-10	8.16E-11	4.78E-10
9473	625852.29	4265870.57	2.57E-09	8.84E-10	3.46E-09	2.15E-09	6.62E-10	2.81E-09	5.09E-10	1.69E-10	6.78E-10	3.97E-10	8.16E-11	4.78E-10
9474	625852.45	4265860.64	2.57E-09	8.85E-10	3.46E-09	2.15E-09	6.62E-10	2.81E-09	5.09E-10	1.70E-10	6.79E-10	3.97E-10	8.17E-11	4.79E-10
9475	625852.62	4265850.71	2.58E-09	8.86E-10	3.46E-09	2.15E-09	6.63E-10	2.82E-09	5.10E-10	1.70E-10	6.80E-10	3.97E-10	8.17E-11	4.79E-10
9476	625852.78	4265840.77	2.58E-09	8.88E-10	3.47E-09	2.16E-09	6.65E-10	2.82E-09	5.11E-10	1.70E-10	6.81E-10	3.98E-10	8.19E-11	4.80E-10
9477	625852.94	4265830.84	2.59E-09	8.90E-10	3.48E-09	2.16E-09	6.66E-10	2.83E-09	5.12E-10	1.71E-10	6.83E-10	3.99E-10	8.21E-11	4.81E-10
9478	625853.11	4265820.91	2.60E-09	8.93E-10	3.49E-09	2.17E-09	6.68E-10	2.84E-09	5.14E-10	1.71E-10	6.85E-10	4.01E-10	8.24E-11	4.83E-10
9479	625853.27	4265810.97	2.61E-09	8.96E-10	3.50E-09	2.18E-09	6.71E-10	2.85E-09	5.16E-10	1.72E-10	6.88E-10	4.02E-10	8.27E-11	4.85E-10
9480	625853.44	4265801.04	2.62E-09	9.00E-10	3.52E-09	2.19E-09	6.74E-10	2.86E-09	5.18E-10	1.72E-10	6.91E-10	4.04E-10	8.31E-11	4.87E-10
9481	625853.6	4265791.11	2.63E-09	9.05E-10	3.54E-09	2.20E-09	6.77E-10	2.88E-09	5.21E-10	1.73E-10	6.94E-10	4.06E-10	8.35E-11	4.89E-10
9482	625853.76	4265781.17	2.65E-09	9.10E-10	3.56E-09	2.21E-09	6.81E-10	2.89E-09	5.24E-10	1.74E-10	6.98E-10	4.08E-10	8.40E-11	4.92E-10
9483	625853.93	4265771.24	2.66E-09	9.15E-10	3.58E-09	2.22E-09	6.85E-10	2.91E-09	5.27E-10	1.75E-10	7.02E-10	4.11E-10	8.45E-11	4.95E-10
9484	625854.09	4265761.31	2.68E-09	9.21E-10	3.60E-09	2.24E-09	6.90E-10	2.93E-09	5.30E-10	1.76E-10	7.07E-10	4.13E-10	8.50E-11	4.98E-10
9485	625854.25	4265751.37	2.70E-09	9.27E-10	3.62E-09	2.25E-09	6.94E-10	2.95E-09	5.34E-10	1.78E-10	7.11E-10	4.16E-10	8.56E-11	5.02E-10
9486	625854.42	4265741.44	2.71E-09	9.33E-10	3.65E-09	2.27E-09	6.99E-10	2.97E-09	5.37E-10	1.79E-10	7.16E-10	4.19E-10	8.61E-11	5.05E-10
9487	625854.58	4265731.51	2.73E-09	9.40E-10	3.67E-09	2.29E-09	7.04E-10	2.99E-09	5.41E-10	1.80E-10	7.21E-10	4.22E-10	8.68E-11	5.09E-10
9488	625854.74	4265721.57	2.75E-09	9.47E-10	3.70E-09	2.30E-09	7.09E-10	3.01E-09	5.45E-10	1.81E-10	7.27E-10	4.25E-10	8.74E-11	5.12E-10
9489	625854.91	4265711.64	2.77E-09	9.54E-10	3.73E-09	2.32E-09	7.14E-10	3.03E-09	5.49E-10	1.83E-10	7.32E-10	4.28E-10	8.80E-11	5.16E-10
9490	625855.07	4265701.71	2.79E-09	9.61E-10	3.75E-09	2.34E-09	7.19E-10	3.05E-09	5.53E-10	1.84E-10	7.37E-10	4.31E-10	8.87E-11	5.20E-10
9491	625855.23	4265691.77	2.81E-09	9.68E-10	3.78E-09	2.35E-09	7.25E-10	3.08E-09	5.57E-10	1.85E-10	7.42E-10	4.34E-10	8.93E-11	5.24E-10
9492	625939.48	4266188.4	2.64E-09	9.09E-10	3.55E-09	2.21E-09	6.80E-10	2.89E-09	5.23E-10	1.74E-10	6.97E-10	4.08E-10	8.39E-11	4.92E-10
9493	625935.53	4266197.5	2.66E-09	9.15E-10	3.58E-09	2.22E-09	6.85E-10	2.91E-09	5.27E-10	1.75E-10	7.02E-10	4.11E-10	8.44E-11	4.95E-10
9494	625931.58	4266206.59	2.68E-09	9.21E-10	3.60E-09	2.24E-09	6.90E-10	2.93E-09	5.30E-10	1.76E-10	7.07E-10	4.13E-10	8.50E-11	4.98E-10
9495	625927.64	4266215.68	2.69E-09	9.27E-10	3.62E-09	2.25E-09	6.94E-10	2.95E-09	5.33E-10	1.78E-10	7.11E-10	4.16E-10	8.55E-11	5.01E-10
9496	625923.69	4266224.78	2.71E-09	9.32E-10	3.64E-09	2.27E-09	6.98E-10	2.96E-09	5.36E-10	1.79E-10	7.15E-10	4.18E-10	8.60E-11	5.04E-10
9497	625919.74	4266233.87	2.72E-09	9.37E-10	3.66E-09	2.28E-09	7.01E-10	2.98E-09	5.39E-10	1.79E-10	7.19E-10	4.20E-10	8.65E-11	5.07E-10
9498	625915.8	4266242.97	2.74E-09	9.41E-10	3.68E-09	2.29E-09	7.05E-10	2.99E-09	5.42E-10	1.80E-10	7.22E-10	4.22E-10	8.69E-11	5.09E-10
9499	625911.85	4266252.06	2.75E-09	9.45E-10	3.69E-09	2.30E-09	7.08E-10	3.01E-09	5.44E-10	1.81E-10	7.25E-10	4.24E-10	8.72E-11	5.11E-10
9500	625907.9	4266261.15	2.76E-09	9.49E-10	3.71E-09	2.31E-09	7.10E-10	3.02E-09	5.46E-10	1.82E-10	7.28E-10	4.26E-10	8.76E-11	5.13E-10
9501	625903.95	4266270.25	2.77E-09	9.52E-10	3.72E-09	2.31E-09	7.13E-10	3.03E-09	5.48E-10	1.82E-10	7.30E-10	4.27E-10	8.78E-11	5.15E-10
9502	625900.01	4266279.34	2.77E-09	9.54E-10	3.73E-09	2.32E-09	7.14E-10	3.03E-09	5.49E-10	1.83E-10	7.32E-10	4.28E-10	8.80E-11	5.16E-10
9503	625896.06	4266288.43	2.78E-09	9.56E-10	3.73E-09	2.32E-09	7.16E-10	3.04E-09	5.50E-10	1.83E-10	7.33E-10	4.29E-10	8.82E-11	5.17E-10
9504	625892.11	4266297.53	2.78E-09	9.57E-10	3.74E-09	2.33E-09	7.16E-10	3.04E-09	5.51E-10	1.83E-10	7.34E-10	4.29E-10	8.83E-11	5.18E-10
9505	625888.17	4266306.62	2.78E-09	9.57E-10	3.74E-09	2.33E-09	7.17E-10	3.04E-09	5.51E-10	1.83E-10	7.34E-10	4.29E-10	8.83E-11	5.18E-10
9506	625884.22	4266315.71	2.78E-09	9.57E-10	3.74E-09	2.33E-09	7.16E-10	3.04E-09	5.51E-10	1.83E-10	7.34E-10	4.29E-10	8.83E-11	5.18E-10
9507	625880.27	4266324.81	2.78E-09	9.56E-10	3.74E-09	2.32E-09	7.16E-10	3.04E-09	5.50E-10	1.83E-10	7.33E-10	4.29E-10	8.82E-11	5.17E-10
9508	625876.33	4266333.9	2.78E-09	9.55E-10	3.73E-09	2.32E-09	7.15E-10	3.04E-09	5.49E-10	1.83E-10	7.32E-10	4.28E-10	8.81E-11	5.16E-10
9509	625872.38	4266342.99	2.77E-09	9.53E-10	3.72E-09	2.32E-09	7.13E-10	3.03E-09	5.48E-10	1.83E-10	7.31E-10	4.28E-10	8.79E-11	5.15E-10
9510	625868.43	4266352.09	2.76E-09	9.50E-10	3.71E-09	2.31E-09	7.12E-10	3.02E-09	5.47E-10	1.82E-10	7.29E-10	4.26E-10	8.77E-11	5.14E-10
9511	625864.48	4266361.18	2.76E-09	9.47E-10	3.70E-09	2.30E-09	7.09E-10	3.01E-09	5.45E-10	1.82E-10	7.27E-10	4.25E-10	8.74E-11	5.13E-10
9512	625860.54	4266370.27	2.75E-09	9.44E-10	3.69E-09	2.29E-09	7.07E-10	3.00E-09	5.43E-10	1.81E-10	7.24E-10	4.24E-10	8.71E-11	5.11E-10
9513	625856.59	4266379.37	2.73E-09	9.40E-10	3.67E-09	2.29E-09	7.04E-10	2.99E-09	5.41E-10	1.80E-10	7.21E-10	4.22E-10	8.68E-11	5.09E-10
9514	625852.64	4266388.46	2.72E-09	9.36E-10	3.66E-09	2.28E-09	7.01E-10	2.98E-09	5.39E-10	1.79E-10	7.18E-10	4.20E-10	8.64E-11	5.06E-10
9515	625848.7	4266397.55	2.71E-09	9.32E-10	3.64E-09	2.27E-09	6.98E-10	2.96E-09	5.36E-10	1.79E-10	7.15E-10	4.18E-10	8.60E-11	5.04E-10
9516	625844.75	4266406.65	2.70E-09	9.27E-10	3.62E-09	2.25E-09	6.94E-10	2.95E-09	5.34E-10	1.78E-10	7.12E-10	4.16E-10	8.56E-11	5.02E-10
9517	625840.8	4266415.74	2.68E-09	9.23E-10	3.61E-09	2.24E-09	6.91E-10	2.93E-09	5.31E-10	1.77E-10	7.08E-10	4.14E-10	8.52E-11	4.99E-10
9518	625836.86	4266424.83	2.67E-09	9.19E-10	3.59E-09	2.23E-09	6.88E-10	2.92E-09	5.29E-10	1.76E-10	7.05E-10	4.12E-10	8.48E-11	4.97E-10

9519	625832.91	4266433.93	2.66E-09	9.14E-10	3.57E-09	2.22E-09	6.84E-10	2.91E-09	5.26E-10	1.75E-10	7.01E-10	4.10E-10	8.44E-11	4.95E-10
9520	625828.96	4266443.02	2.65E-09	9.10E-10	3.56E-09	2.21E-09	6.81E-10	2.89E-09	5.24E-10	1.74E-10	6.98E-10	4.08E-10	8.40E-11	4.92E-10
9521	625825.01	4266452.11	2.63E-09	9.06E-10	3.54E-09	2.20E-09	6.78E-10	2.88E-09	5.21E-10	1.74E-10	6.95E-10	4.06E-10	8.36E-11	4.90E-10
9522	625821.07	4266461.21	2.62E-09	9.01E-10	3.52E-09	2.19E-09	6.75E-10	2.87E-09	5.19E-10	1.73E-10	6.92E-10	4.05E-10	8.32E-11	4.88E-10
9523	625817.12	4266470.3	2.61E-09	8.98E-10	3.51E-09	2.18E-09	6.72E-10	2.86E-09	5.17E-10	1.72E-10	6.89E-10	4.03E-10	8.29E-11	4.86E-10
9524	625813.17	4266479.39	2.60E-09	8.95E-10	3.50E-09	2.18E-09	6.70E-10	2.85E-09	5.15E-10	1.71E-10	6.87E-10	4.02E-10	8.26E-11	4.84E-10
9525	625809.23	4266488.49	2.59E-09	8.92E-10	3.49E-09	2.17E-09	6.68E-10	2.84E-09	5.14E-10	1.71E-10	6.85E-10	4.00E-10	8.23E-11	4.83E-10
9526	625805.28	4266497.58	2.59E-09	8.90E-10	3.48E-09	2.16E-09	6.66E-10	2.83E-09	5.12E-10	1.71E-10	6.83E-10	3.99E-10	8.21E-11	4.82E-10
9527	625801.33	4266506.67	2.58E-09	8.88E-10	3.47E-09	2.16E-09	6.65E-10	2.82E-09	5.11E-10	1.70E-10	6.82E-10	3.99E-10	8.20E-11	4.81E-10
9528	625797.39	4266515.77	2.58E-09	8.87E-10	3.47E-09	2.16E-09	6.64E-10	2.82E-09	5.11E-10	1.70E-10	6.80E-10	3.98E-10	8.19E-11	4.80E-10
9529	625793.44	4266524.86	2.58E-09	8.86E-10	3.46E-09	2.15E-09	6.63E-10	2.82E-09	5.10E-10	1.70E-10	6.80E-10	3.98E-10	8.18E-11	4.79E-10
9530	625789.49	4266533.95	2.57E-09	8.85E-10	3.46E-09	2.15E-09	6.63E-10	2.82E-09	5.10E-10	1.70E-10	6.79E-10	3.97E-10	8.17E-11	4.79E-10
9531	625785.54	4266543.05	2.57E-09	8.85E-10	3.46E-09	2.15E-09	6.63E-10	2.81E-09	5.10E-10	1.70E-10	6.79E-10	3.97E-10	8.17E-11	4.79E-10
9532	625781.6	4266552.14	2.58E-09	8.86E-10	3.46E-09	2.15E-09	6.63E-10	2.82E-09	5.10E-10	1.70E-10	6.79E-10	3.97E-10	8.17E-11	4.79E-10
9533	625777.65	4266561.24	2.58E-09	8.86E-10	3.46E-09	2.15E-09	6.63E-10	2.82E-09	5.10E-10	1.70E-10	6.80E-10	3.98E-10	8.18E-11	4.79E-10
9534	625773.7	4266570.33	2.58E-09	8.87E-10	3.47E-09	2.16E-09	6.64E-10	2.82E-09	5.10E-10	1.70E-10	6.80E-10	3.98E-10	8.18E-11	4.80E-10
9535	625769.76	4266579.42	2.58E-09	8.88E-10	3.47E-09	2.16E-09	6.65E-10	2.82E-09	5.11E-10	1.70E-10	6.81E-10	3.98E-10	8.19E-11	4.80E-10
9536	625765.81	4266588.52	2.59E-09	8.89E-10	3.47E-09	2.16E-09	6.66E-10	2.83E-09	5.12E-10	1.70E-10	6.82E-10	3.99E-10	8.21E-11	4.81E-10
9537	625761.86	4266597.61	2.59E-09	8.91E-10	3.48E-09	2.17E-09	6.67E-10	2.83E-09	5.13E-10	1.71E-10	6.84E-10	4.00E-10	8.22E-11	4.82E-10
9538	625757.92	4266606.7	2.60E-09	8.93E-10	3.49E-09	2.17E-09	6.69E-10	2.84E-09	5.14E-10	1.71E-10	6.85E-10	4.01E-10	8.24E-11	4.83E-10
9539	625753.97	4266615.8	2.60E-09	8.96E-10	3.50E-09	2.18E-09	6.71E-10	2.85E-09	5.16E-10	1.72E-10	6.87E-10	4.02E-10	8.27E-11	4.85E-10
9540	625750.02	4266624.89	2.61E-09	8.98E-10	3.51E-09	2.18E-09	6.73E-10	2.86E-09	5.17E-10	1.72E-10	6.89E-10	4.03E-10	8.29E-11	4.86E-10
9541	625746.07	4266633.98	2.62E-09	9.01E-10	3.52E-09	2.19E-09	6.75E-10	2.87E-09	5.19E-10	1.73E-10	6.92E-10	4.05E-10	8.32E-11	4.88E-10
9542	625742.13	4266643.08	2.63E-09	9.05E-10	3.54E-09	2.20E-09	6.77E-10	2.88E-09	5.21E-10	1.73E-10	6.94E-10	4.06E-10	8.35E-11	4.89E-10
9543	625738.18	4266652.17	2.64E-09	9.08E-10	3.55E-09	2.21E-09	6.80E-10	2.89E-09	5.23E-10	1.74E-10	6.97E-10	4.07E-10	8.38E-11	4.91E-10
9544	625734.23	4266661.26	2.65E-09	9.12E-10	3.56E-09	2.22E-09	6.83E-10	2.90E-09	5.25E-10	1.75E-10	7.00E-10	4.09E-10	8.41E-11	4.93E-10
9545	625730.29	4266670.36	2.66E-09	9.16E-10	3.58E-09	2.23E-09	6.86E-10	2.91E-09	5.27E-10	1.75E-10	7.02E-10	4.11E-10	8.45E-11	4.95E-10
9546	625726.34	4266679.45	2.67E-09	9.20E-10	3.59E-09	2.24E-09	6.88E-10	2.92E-09	5.29E-10	1.76E-10	7.06E-10	4.13E-10	8.49E-11	4.98E-10
9547	625722.39	4266688.54	2.69E-09	9.24E-10	3.61E-09	2.25E-09	6.92E-10	2.94E-09	5.32E-10	1.77E-10	7.09E-10	4.15E-10	8.53E-11	5.00E-10
9548	625718.45	4266697.64	2.70E-09	9.28E-10	3.63E-09	2.26E-09	6.95E-10	2.95E-09	5.34E-10	1.78E-10	7.12E-10	4.16E-10	8.57E-11	5.02E-10
9549	625714.5	4266706.73	2.71E-09	9.33E-10	3.65E-09	2.27E-09	6.98E-10	2.97E-09	5.37E-10	1.79E-10	7.16E-10	4.19E-10	8.61E-11	5.05E-10
9550	625710.55	4266715.82	2.73E-09	9.37E-10	3.66E-09	2.28E-09	7.02E-10	2.98E-09	5.40E-10	1.80E-10	7.19E-10	4.21E-10	8.65E-11	5.07E-10
9551	625706.6	4266724.92	2.74E-09	9.42E-10	3.68E-09	2.29E-09	7.05E-10	3.00E-09	5.42E-10	1.81E-10	7.23E-10	4.23E-10	8.70E-11	5.10E-10
9552	625702.66	4266734.01	2.76E-09	9.47E-10	3.70E-09	2.30E-09	7.09E-10	3.01E-09	5.45E-10	1.82E-10	7.27E-10	4.25E-10	8.74E-11	5.13E-10
9553	625698.71	4266743.1	2.77E-09	9.53E-10	3.72E-09	2.32E-09	7.13E-10	3.03E-09	5.48E-10	1.83E-10	7.31E-10	4.28E-10	8.79E-11	5.16E-10
9554	625694.76	4266752.2	2.79E-09	9.58E-10	3.75E-09	2.33E-09	7.18E-10	3.05E-09	5.52E-10	1.84E-10	7.35E-10	4.30E-10	8.84E-11	5.18E-10
9555	625682.92	4266779.48	2.84E-09	9.76E-10	3.81E-09	2.37E-09	7.30E-10	3.10E-09	5.62E-10	1.87E-10	7.48E-10	4.38E-10	9.00E-11	5.28E-10
9556	625678.98	4266788.57	2.85E-09	9.82E-10	3.84E-09	2.39E-09	7.35E-10	3.12E-09	5.65E-10	1.88E-10	7.53E-10	4.40E-10	9.06E-11	5.31E-10
9557	625675.03	4266797.66	2.87E-09	9.87E-10	3.86E-09	2.40E-09	7.39E-10	3.14E-09	5.68E-10	1.89E-10	7.58E-10	4.43E-10	9.11E-11	5.34E-10
9558	625671.08	4266806.76	2.89E-09	9.93E-10	3.88E-09	2.41E-09	7.44E-10	3.16E-09	5.72E-10	1.90E-10	7.62E-10	4.46E-10	9.17E-11	5.37E-10
9559	625667.13	4266815.85	2.91E-09	9.99E-10	3.90E-09	2.43E-09	7.48E-10	3.18E-09	5.75E-10	1.91E-10	7.67E-10	4.48E-10	9.22E-11	5.41E-10
9560	625663.19	4266824.94	2.92E-09	1.00E-09	3.93E-09	2.44E-09	7.52E-10	3.19E-09	5.78E-10	1.93E-10	7.71E-10	4.51E-10	9.27E-11	5.44E-10
9561	625659.24	4266834.04	2.94E-09	1.01E-09	3.95E-09	2.46E-09	7.57E-10	3.21E-09	5.82E-10	1.94E-10	7.75E-10	4.53E-10	9.33E-11	5.47E-10
9562	625655.29	4266843.13	2.96E-09	1.02E-09	3.97E-09	2.47E-09	7.61E-10	3.23E-09	5.85E-10	1.95E-10	7.80E-10	4.56E-10	9.38E-11	5.50E-10
9563	625651.35	4266852.22	2.97E-09	1.02E-09	3.99E-09	2.48E-09	7.65E-10	3.25E-09	5.88E-10	1.96E-10	7.84E-10	4.59E-10	9.43E-11	5.53E-10
9564	625647.4	4266861.32	2.99E-09	1.03E-09	4.02E-09	2.50E-09	7.69E-10	3.27E-09	5.91E-10	1.97E-10	7.88E-10	4.61E-10	9.48E-11	5.56E-10
9565	625643.45	4266870.41	3.00E-09	1.03E-09	4.04E-09	2.51E-09	7.73E-10	3.28E-09	5.94E-10	1.98E-10	7.92E-10	4.63E-10	9.53E-11	5.59E-10
9566	625639.51	4266879.51	3.02E-09	1.04E-09	4.06E-09	2.52E-09	7.77E-10	3.30E-09	5.98E-10	1.99E-10	7.96E-10	4.66E-10	9.58E-11	5.62E-10
9567	625635.56	4266888.6	3.03E-09	1.04E-09	4.08E-09	2.54E-09	7.81E-10	3.32E-09	6.00E-10	2.00E-10	8.00E-10	4.68E-10	9.63E-11	5.64E-10
9568	625631.61	4266897.69	3.05E-09	1.05E-09	4.10E-09	2.55E-09	7.85E-10	3.33E-09	6.03E-10	2.01E-10	8.04E-10	4.70E-10	9.67E-11	5.67E-10
9569	625627.66	4266906.79	3.06E-09	1.05E-09	4.12E-09	2.56E-09	7.88E-10	3.35E-09	6.06E-10	2.02E-10	8.08E-10	4.73E-10	9.72E-11	5.70E-10
9570	625623.72	4266915.88	3.08E-09	1.06E-09	4.13E-09	2.57E-09	7.92E-10	3.36E-09	6.09E-10	2.03E-10	8.11E-10	4.75E-10	9.76E-11	5.72E-10
9571	625619.77	4266924.97	3.09E-09	1.06E-09	4.15E-09	2.58E-09	7.95E-10	3.38E-09	6.11E-10	2.04E-10	8.15E-10	4.77E-10	9.80E-11	5.75E-10
9572	625565.76	4266961.32	3.30E-09	1.13E-09	4.43E-09	2.76E-09	8.49E-10	3.61E-09	6.53E-10	2.17E-10	8.70E-10	5.09E-10	1.05E-10	6.14E-10
9573	625556.54	4266964.95	3.34E-09	1.15E-09	4.48E-09	2.79E-09	8.59E-10	3.65E-09	6.60E-10	2.20E-10	8.80E-10	5.15E-10	1.06E-10	6.20E-10
9574	625547.31	4266968.59	3.37E-09	1.16E-09	4.53E-09	2.82E-09	8.68E-10	3.69E-09	6.67E-10	2.22E-10	8.89E-10	5.20E-10	1.07E-10	6.27E-10
9575	625538.09	4266972.22	3.41E-09	1.17E-09	4.58E-09	2.85E-09	8.77E-10	3.72E-09	6.74E-10	2.24E-10	8.99E-10	5.26E-10	1.08E-10	6.34E-10
9576	625528.87	4266975.85	3.44E-09	1.18E-09	4.62E-09	2.88E-09	8.86E-10	3.76E-09	6.81E-10	2.27E-10	9.08E-10	5.31E-10	1.09E-10	6.40E-10
9577	625519.64	4266979.49	3.48E-09	1.20E-09	4.67E-09	2.90E-09	8.95E-10	3.80E-09	6.88E-10	2.29E-10	9.17E-10	5.36E-10	1.10E-10	6.47E-10
9578	625510.42	4266983.12	3.51E-09	1.21E-09	4.72E-09	2.93E-09	9.03E-10	3.84E-09	6.94E-10	2.31E-10	9.26E-10	5.41E-10	1.11E-10	6.53E-10
9579	625501.19	4266986.75	3.54E-09	1.22E-09	4.76E-09	2.96E-09	9.12E-10	3.87E-09	7.01E-10	2.33E-10	9.34E-10	5.46E-10	1.12E-10	6.59E-10
9580	625491.97	4266990.38	3.57E-09	1.23E-09	4.80E-09	2.99E-09	9.20E-10	3.91E-09	7.07E-10	2.35E-10	9.43E-10	5.51E-10	1.13E-10	6.65E-10
9581	625482.75	4266994.02	3.61E-09	1.24E-09	4.85E-09	3.01E-09	9.28E-10	3.94E-09	7.14E-10	2.38E-10	9.51E-10	5.56E-10	1.14E-10	6.71E-10
9582	625473.52	4266997.65	3.64E-09	1.25E-09	4.89E-09	3.04E-09	9.36E-10	3.98E-09	7.20E-10	2.40E-10	9.59E-10	5.61E-10	1.15E-10	6.77E-10
9583	625464.3	4267001.28	3.67E-09	1.26E-09	4.93E-09	3.07E-09	9.44E-10	4.01E-09	7.26E-10	2.42E-10	9.68E-10	5.66E-10	1.16E-10	6.82E-10
9584	625455.08	4267004.91	3.70E-09	1.27E-09	4.97E-09	3.09E-09	9.52E-10	4.04E-09	7.32E-10	2.44E-10	9.76E-10	5.71E-10	1.17E-10	6.88E-10
9585	625445.85	4267008.55	3.73E-09	1.28E-09	5.01E-09	3.12E-09	9.60E-10	4.08E-09	7.38E-10	2.46E-10	9.83E-10	5.75E-10	1.18E-10	6.93E-10
9586	625436.63	4267012.18	3.76E-09	1.29E-09	5.05E-09	3.14E-09	9.67E-10	4.11E-09	7.44E-10	2.48E-10	9.91E-10	5.80E-10	1.19E-10	6.99E-10
9587	625427.41	4267015.81	3.79E-09	1.30E-09	5.09E-09	3.16E-09	9.75E-10	4.14E-09	7.49E-10	2.49E-10	9.99E-10	5.84E-10	1.20E-10	7.04E-10

9588	625418.18	4267019.44	3.82E-09	1.31E-09	5.13E-09	3.19E-09	9.82E-10	4.17E-09	7.55E-10	2.51E-10	1.01E-09	5.89E-10	1.21E-10	7.10E-10
9589	625408.96	4267023.08	3.84E-09	1.32E-09	5.17E-09	3.21E-09	9.90E-10	4.20E-09	7.61E-10	2.53E-10	1.01E-09	5.93E-10	1.22E-10	7.15E-10
9590	625399.74	4267026.71	3.87E-09	1.33E-09	5.21E-09	3.24E-09	9.97E-10	4.23E-09	7.67E-10	2.55E-10	1.02E-09	5.98E-10	1.23E-10	7.21E-10
9591	625390.51	4267030.34	3.90E-09	1.34E-09	5.24E-09	3.26E-09	1.00E-09	4.27E-09	7.72E-10	2.57E-10	1.03E-09	6.02E-10	1.24E-10	7.26E-10
9592	625381.29	4267033.98	3.93E-09	1.35E-09	5.28E-09	3.29E-09	1.01E-09	4.30E-09	7.78E-10	2.59E-10	1.04E-09	6.07E-10	1.25E-10	7.31E-10
9593	625372.07	4267037.61	3.96E-09	1.36E-09	5.32E-09	3.31E-09	1.02E-09	4.33E-09	7.84E-10	2.61E-10	1.04E-09	6.11E-10	1.26E-10	7.37E-10
9594	625362.84	4267041.24	3.99E-09	1.37E-09	5.36E-09	3.33E-09	1.03E-09	4.36E-09	7.90E-10	2.63E-10	1.05E-09	6.16E-10	1.27E-10	7.42E-10
9595	625353.62	4267044.87	4.02E-09	1.38E-09	5.40E-09	3.36E-09	1.03E-09	4.39E-09	7.95E-10	2.65E-10	1.06E-09	6.20E-10	1.28E-10	7.48E-10
9596	625344.4	4267048.51	4.05E-09	1.39E-09	5.44E-09	3.38E-09	1.04E-09	4.42E-09	8.01E-10	2.67E-10	1.07E-09	6.25E-10	1.28E-10	7.53E-10
9597	625335.17	4267052.14	4.08E-09	1.40E-09	5.48E-09	3.41E-09	1.05E-09	4.46E-09	8.07E-10	2.69E-10	1.08E-09	6.29E-10	1.29E-10	7.58E-10
9598	625325.95	4267055.77	4.10E-09	1.41E-09	5.52E-09	3.43E-09	1.06E-09	4.49E-09	8.12E-10	2.70E-10	1.08E-09	6.33E-10	1.30E-10	7.64E-10
9599	625316.72	4267059.4	4.13E-09	1.42E-09	5.55E-09	3.45E-09	1.06E-09	4.52E-09	8.18E-10	2.72E-10	1.09E-09	6.38E-10	1.31E-10	7.69E-10
9600	625307.5	4267063.04	4.16E-09	1.43E-09	5.59E-09	3.48E-09	1.07E-09	4.55E-09	8.24E-10	2.74E-10	1.10E-09	6.42E-10	1.32E-10	7.74E-10
9601	625298.28	4267066.67	4.19E-09	1.44E-09	5.63E-09	3.50E-09	1.08E-09	4.58E-09	8.29E-10	2.76E-10	1.10E-09	6.46E-10	1.33E-10	7.79E-10
9602	625289.05	4267070.3	4.21E-09	1.45E-09	5.66E-09	3.52E-09	1.09E-09	4.61E-09	8.34E-10	2.78E-10	1.11E-09	6.50E-10	1.34E-10	7.84E-10
9603	625279.83	4267073.93	4.24E-09	1.46E-09	5.70E-09	3.54E-09	1.09E-09	4.64E-09	8.39E-10	2.79E-10	1.12E-09	6.54E-10	1.35E-10	7.89E-10
9604	625270.61	4267077.57	4.27E-09	1.47E-09	5.73E-09	3.57E-09	1.10E-09	4.66E-09	8.44E-10	2.81E-10	1.13E-09	6.58E-10	1.35E-10	7.94E-10
9605	625261.38	4267081.2	4.29E-09	1.48E-09	5.76E-09	3.59E-09	1.10E-09	4.69E-09	8.49E-10	2.83E-10	1.13E-09	6.62E-10	1.36E-10	7.98E-10
9606	625252.16	4267084.83	4.31E-09	1.48E-09	5.80E-09	3.60E-09	1.11E-09	4.72E-09	8.54E-10	2.84E-10	1.14E-09	6.65E-10	1.37E-10	8.02E-10
9607	625242.94	4267088.47	4.33E-09	1.49E-09	5.83E-09	3.62E-09	1.12E-09	4.74E-09	8.58E-10	2.86E-10	1.14E-09	6.69E-10	1.38E-10	8.06E-10
9608	625233.71	4267092.1	4.36E-09	1.50E-09	5.85E-09	3.64E-09	1.12E-09	4.76E-09	8.62E-10	2.87E-10	1.15E-09	6.72E-10	1.38E-10	8.10E-10
9609	625224.49	4267095.73	4.38E-09	1.50E-09	5.88E-09	3.66E-09	1.13E-09	4.78E-09	8.66E-10	2.88E-10	1.15E-09	6.75E-10	1.39E-10	8.14E-10
9610	625215.27	4267099.36	4.39E-09	1.51E-09	5.90E-09	3.67E-09	1.13E-09	4.80E-09	8.70E-10	2.89E-10	1.16E-09	6.78E-10	1.39E-10	8.17E-10
9611	625206.04	4267103	4.41E-09	1.52E-09	5.93E-09	3.69E-09	1.14E-09	4.82E-09	8.73E-10	2.91E-10	1.16E-09	6.81E-10	1.40E-10	8.21E-10
9612	625196.82	4267106.63	4.43E-09	1.52E-09	5.95E-09	3.70E-09	1.14E-09	4.84E-09	8.76E-10	2.92E-10	1.17E-09	6.83E-10	1.41E-10	8.24E-10
9613	625187.6	4267110.26	4.44E-09	1.53E-09	5.97E-09	3.71E-09	1.14E-09	4.86E-09	8.80E-10	2.93E-10	1.17E-09	6.86E-10	1.41E-10	8.27E-10
9614	625178.37	4267113.89	4.46E-09	1.53E-09	5.99E-09	3.73E-09	1.15E-09	4.87E-09	8.83E-10	2.94E-10	1.18E-09	6.88E-10	1.41E-10	8.29E-10
9615	625169.15	4267117.53	4.47E-09	1.54E-09	6.01E-09	3.74E-09	1.15E-09	4.89E-09	8.85E-10	2.95E-10	1.18E-09	6.90E-10	1.42E-10	8.32E-10
9616	625159.93	4267121.16	4.49E-09	1.54E-09	6.03E-09	3.75E-09	1.15E-09	4.90E-09	8.88E-10	2.96E-10	1.18E-09	6.92E-10	1.42E-10	8.35E-10
9617	625150.7	4267124.79	4.50E-09	1.55E-09	6.05E-09	3.76E-09	1.16E-09	4.92E-09	8.90E-10	2.96E-10	1.19E-09	6.94E-10	1.43E-10	8.37E-10
9618	625141.48	4267128.42	4.51E-09	1.55E-09	6.06E-09	3.77E-09	1.16E-09	4.93E-09	8.93E-10	2.97E-10	1.19E-09	6.96E-10	1.43E-10	8.39E-10
9619	625132.25	4267132.06	4.52E-09	1.55E-09	6.08E-09	3.78E-09	1.16E-09	4.94E-09	8.95E-10	2.98E-10	1.19E-09	6.98E-10	1.44E-10	8.41E-10
9620	625123.03	4267135.69	4.53E-09	1.56E-09	6.09E-09	3.79E-09	1.17E-09	4.95E-09	8.97E-10	2.99E-10	1.20E-09	6.99E-10	1.44E-10	8.43E-10
9621	625113.81	4267139.32	4.54E-09	1.56E-09	6.10E-09	3.80E-09	1.17E-09	4.97E-09	8.99E-10	2.99E-10	1.20E-09	7.01E-10	1.44E-10	8.45E-10
9622	625104.58	4267142.96	4.55E-09	1.56E-09	6.11E-09	3.80E-09	1.17E-09	4.97E-09	9.01E-10	3.00E-10	1.20E-09	7.02E-10	1.44E-10	8.46E-10
9623	625095.36	4267146.59	4.56E-09	1.57E-09	6.12E-09	3.81E-09	1.17E-09	4.98E-09	9.02E-10	3.00E-10	1.20E-09	7.03E-10	1.45E-10	8.48E-10
9624	625086.14	4267150.22	4.56E-09	1.57E-09	6.13E-09	3.81E-09	1.17E-09	4.99E-09	9.03E-10	3.01E-10	1.20E-09	7.04E-10	1.45E-10	8.49E-10
9625	625076.91	4267153.85	4.57E-09	1.57E-09	6.14E-09	3.82E-09	1.18E-09	4.99E-09	9.04E-10	3.01E-10	1.20E-09	7.05E-10	1.45E-10	8.50E-10
9626	625067.69	4267157.49	4.57E-09	1.57E-09	6.14E-09	3.82E-09	1.18E-09	5.00E-09	9.04E-10	3.01E-10	1.21E-09	7.05E-10	1.45E-10	8.50E-10
9627	625058.47	4267161.12	4.57E-09	1.57E-09	6.14E-09	3.82E-09	1.18E-09	5.00E-09	9.04E-10	3.01E-10	1.21E-09	7.05E-10	1.45E-10	8.50E-10
9628	625049.24	4267164.75	4.57E-09	1.57E-09	6.14E-09	3.82E-09	1.18E-09	4.99E-09	9.04E-10	3.01E-10	1.21E-09	7.05E-10	1.45E-10	8.50E-10
9629	625040.02	4267168.38	4.56E-09	1.57E-09	6.13E-09	3.82E-09	1.18E-09	4.99E-09	9.04E-10	3.01E-10	1.20E-09	7.04E-10	1.45E-10	8.49E-10
9630	625030.8	4267172.02	4.56E-09	1.57E-09	6.13E-09	3.81E-09	1.17E-09	4.98E-09	9.02E-10	3.00E-10	1.20E-09	7.03E-10	1.45E-10	8.48E-10
9631	625021.57	4267175.65	4.55E-09	1.57E-09	6.12E-09	3.80E-09	1.17E-09	4.98E-09	9.01E-10	3.00E-10	1.20E-09	7.02E-10	1.44E-10	8.47E-10
9632	625012.35	4267179.28	4.54E-09	1.56E-09	6.10E-09	3.80E-09	1.17E-09	4.97E-09	8.99E-10	2.99E-10	1.20E-09	7.01E-10	1.44E-10	8.45E-10
9633	625003.13	4267182.91	4.53E-09	1.56E-09	6.09E-09	3.79E-09	1.17E-09	4.95E-09	8.96E-10	2.98E-10	1.19E-09	6.99E-10	1.44E-10	8.43E-10
9634	624993.9	4267186.55	4.52E-09	1.55E-09	6.07E-09	3.77E-09	1.16E-09	4.94E-09	8.94E-10	2.97E-10	1.19E-09	6.97E-10	1.43E-10	8.40E-10
9635	624984.68	4267190.18	4.50E-09	1.55E-09	6.05E-09	3.76E-09	1.16E-09	4.92E-09	8.90E-10	2.96E-10	1.19E-09	6.94E-10	1.43E-10	8.37E-10
9636	624975.46	4267193.81	4.48E-09	1.54E-09	6.02E-09	3.75E-09	1.15E-09	4.90E-09	8.87E-10	2.95E-10	1.18E-09	6.91E-10	1.42E-10	8.34E-10
9637	624966.23	4267197.44	4.46E-09	1.53E-09	6.00E-09	3.73E-09	1.15E-09	4.88E-09	8.83E-10	2.94E-10	1.18E-09	6.88E-10	1.42E-10	8.30E-10
9638	624957.01	4267201.08	4.44E-09	1.53E-09	5.97E-09	3.71E-09	1.14E-09	4.85E-09	8.79E-10	2.93E-10	1.17E-09	6.85E-10	1.41E-10	8.26E-10
9639	624947.78	4267204.71	4.42E-09	1.52E-09	5.94E-09	3.69E-09	1.14E-09	4.83E-09	8.74E-10	2.91E-10	1.17E-09	6.82E-10	1.40E-10	8.22E-10
9640	624938.56	4267208.34	4.39E-09	1.51E-09	5.91E-09	3.67E-09	1.13E-09	4.81E-09	8.70E-10	2.90E-10	1.16E-09	6.78E-10	1.39E-10	8.18E-10
9641	624929.34	4267211.98	4.37E-09	1.50E-09	5.87E-09	3.65E-09	1.13E-09	4.78E-09	8.65E-10	2.88E-10	1.15E-09	6.74E-10	1.39E-10	8.13E-10
9642	624920.11	4267215.61	4.35E-09	1.49E-09	5.84E-09	3.63E-09	1.12E-09	4.75E-09	8.60E-10	2.86E-10	1.15E-09	6.71E-10	1.38E-10	8.09E-10
9643	624910.89	4267219.24	4.32E-09	1.49E-09	5.81E-09	3.61E-09	1.11E-09	4.73E-09	8.56E-10	2.85E-10	1.14E-09	6.67E-10	1.37E-10	8.04E-10
9644	624901.67	4267222.87	4.30E-09	1.48E-09	5.78E-09	3.59E-09	1.11E-09	4.70E-09	8.51E-10	2.83E-10	1.13E-09	6.63E-10	1.36E-10	8.00E-10
9645	624892.44	4267226.51	4.27E-09	1.47E-09	5.74E-09	3.57E-09	1.10E-09	4.67E-09	8.46E-10	2.82E-10	1.13E-09	6.59E-10	1.36E-10	7.95E-10
9646	624883.22	4267230.14	4.25E-09	1.46E-09	5.71E-09	3.55E-09	1.09E-09	4.65E-09	8.41E-10	2.80E-10	1.12E-09	6.56E-10	1.35E-10	7.91E-10
9647	624874	4267233.77	4.23E-09	1.45E-09	5.68E-09	3.53E-09	1.09E-09	4.62E-09	8.36E-10	2.78E-10	1.11E-09	6.52E-10	1.34E-10	7.86E-10
9648	624864.77	4267237.4	4.20E-09	1.45E-09	5.65E-09	3.51E-09	1.08E-09	4.59E-09	8.32E-10	2.77E-10	1.11E-09	6.48E-10	1.33E-10	7.82E-10
9649	624855.55	4267241.04	4.18E-09	1.44E-09	5.62E-09	3.49E-09	1.08E-09	4.57E-09	8.27E-10	2.75E-10	1.10E-09	6.45E-10	1.33E-10	7.78E-10
9650	624846.33	4267244.67	4.16E-09	1.43E-09	5.59E-09	3.47E-09	1.07E-09	4.54E-09	8.23E-10	2.74E-10	1.10E-09	6.41E-10	1.32E-10	7.73E-10
9651	624837.1	4267248.3	4.14E-09	1.42E-09	5.56E-09	3.46E-09	1.06E-09	4.52E-09	8.18E-10	2.72E-10	1.09E-09	6.38E-10	1.31E-10	7.69E-10
9652	625947.53	4266160.28	2.59E-09	8.92E-10	3.48E-09	2.17E-09	6.68E-10	2.83E-09	5.13E-10	1.71E-10	6.84E-10	4.00E-10	8.23E-11	4.82E-10
9653	625947.7	4266150.35	2.58E-09	8.88E-10	3.47E-09	2.16E-09	6.65E-10	2.82E-09	5.11E-10	1.70E-10	6.81E-10	3.98E-10	8.19E-11	4.80E-10
9654	625947.86	4266140.42	2.57E-09	8.84E-10	3.45E-09	2.15E-09	6.62E-10	2.81E-09	5.09E-10	1.69E-10	6.78E-10	3.97E-10	8.16E-11	4.78E-10
9655	625948.03	4266130.48	2.56E-09	8.79E-10	3.44E-09	2.14E-09	6.58E-10	2.80E-09	5.06E-10	1.68E-10	6.75E-10	3.95E-10	8.12E-11	4.76E-10
9656	625948.19	4266120.55	2.54E-09	8.75E-10	3.42E-09	2.13E-09	6.55E-10	2.78E-09	5.04E-10	1.68E-10	6.71E-10	3.93E-10	8.07E-11	4.73E-10

9657	625948.35	4266110.62	2.53E-09	8.70E-10	3.40E-09	2.12E-09	6.52E-10	2.77E-09	5.01E-10	1.67E-10	6.68E-10	3.90E-10	8.03E-11	4.71E-10
9658	625948.52	4266100.68	2.52E-09	8.65E-10	3.38E-09	2.10E-09	6.48E-10	2.75E-09	4.98E-10	1.66E-10	6.64E-10	3.88E-10	7.99E-11	4.68E-10
9659	625948.68	4266090.75	2.50E-09	8.60E-10	3.36E-09	2.09E-09	6.44E-10	2.73E-09	4.95E-10	1.65E-10	6.60E-10	3.86E-10	7.93E-11	4.65E-10
9660	625948.84	4266080.82	2.48E-09	8.54E-10	3.34E-09	2.08E-09	6.40E-10	2.72E-09	4.92E-10	1.64E-10	6.55E-10	3.83E-10	7.88E-11	4.62E-10
9661	625949.01	4266070.88	2.47E-09	8.48E-10	3.32E-09	2.06E-09	6.35E-10	2.70E-09	4.88E-10	1.63E-10	6.51E-10	3.81E-10	7.83E-11	4.59E-10
9662	625949.17	4266060.95	2.45E-09	8.42E-10	3.29E-09	2.05E-09	6.30E-10	2.68E-09	4.85E-10	1.61E-10	6.46E-10	3.78E-10	7.77E-11	4.56E-10
9663	625949.33	4266051.02	2.43E-09	8.36E-10	3.27E-09	2.03E-09	6.26E-10	2.66E-09	4.81E-10	1.60E-10	6.41E-10	3.75E-10	7.71E-11	4.52E-10
9664	625949.5	4266041.08	2.41E-09	8.29E-10	3.24E-09	2.02E-09	6.21E-10	2.64E-09	4.77E-10	1.59E-10	6.36E-10	3.72E-10	7.66E-11	4.49E-10
9665	625949.66	4266031.15	2.39E-09	8.23E-10	3.22E-09	2.00E-09	6.16E-10	2.62E-09	4.74E-10	1.58E-10	6.32E-10	3.69E-10	7.60E-11	4.45E-10
9666	625949.82	4266021.22	2.38E-09	8.17E-10	3.19E-09	1.99E-09	6.12E-10	2.60E-09	4.70E-10	1.57E-10	6.27E-10	3.67E-10	7.54E-11	4.42E-10
9667	625949.99	4266011.28	2.36E-09	8.11E-10	3.17E-09	1.97E-09	6.07E-10	2.58E-09	4.67E-10	1.55E-10	6.22E-10	3.64E-10	7.49E-11	4.39E-10
9668	625950.15	4266001.35	2.34E-09	8.05E-10	3.15E-09	1.96E-09	6.03E-10	2.56E-09	4.64E-10	1.54E-10	6.18E-10	3.61E-10	7.43E-11	4.36E-10
9669	625950.31	4265991.42	2.33E-09	7.99E-10	3.12E-09	1.94E-09	5.99E-10	2.54E-09	4.60E-10	1.53E-10	6.13E-10	3.59E-10	7.38E-11	4.33E-10
9670	625950.48	4265981.48	2.31E-09	7.94E-10	3.10E-09	1.93E-09	5.95E-10	2.53E-09	4.57E-10	1.52E-10	6.09E-10	3.56E-10	7.33E-11	4.30E-10
9671	625950.64	4265971.55	2.30E-09	7.90E-10	3.09E-09	1.92E-09	5.92E-10	2.51E-09	4.55E-10	1.51E-10	6.06E-10	3.55E-10	7.29E-11	4.27E-10
9672	625950.81	4265961.62	2.29E-09	7.86E-10	3.07E-09	1.91E-09	5.89E-10	2.50E-09	4.52E-10	1.51E-10	6.03E-10	3.53E-10	7.26E-11	4.25E-10
9673	625950.97	4265951.68	2.28E-09	7.82E-10	3.06E-09	1.90E-09	5.86E-10	2.49E-09	4.50E-10	1.50E-10	6.00E-10	3.51E-10	7.22E-11	4.23E-10
9674	625951.13	4265941.75	2.27E-09	7.79E-10	3.05E-09	1.89E-09	5.83E-10	2.48E-09	4.49E-10	1.49E-10	5.98E-10	3.50E-10	7.19E-11	4.22E-10
9675	625951.3	4265931.82	2.26E-09	7.76E-10	3.03E-09	1.89E-09	5.81E-10	2.47E-09	4.47E-10	1.49E-10	5.96E-10	3.48E-10	7.16E-11	4.20E-10
9676	625951.46	4265921.88	2.25E-09	7.74E-10	3.02E-09	1.88E-09	5.79E-10	2.46E-09	4.45E-10	1.48E-10	5.94E-10	3.47E-10	7.14E-11	4.19E-10
9677	625951.62	4265911.95	2.24E-09	7.72E-10	3.02E-09	1.88E-09	5.78E-10	2.45E-09	4.44E-10	1.48E-10	5.92E-10	3.46E-10	7.12E-11	4.18E-10
9678	625951.79	4265902.02	2.24E-09	7.71E-10	3.01E-09	1.87E-09	5.77E-10	2.45E-09	4.44E-10	1.48E-10	5.91E-10	3.46E-10	7.11E-11	4.17E-10
9679	625951.95	4265892.08	2.24E-09	7.70E-10	3.01E-09	1.87E-09	5.76E-10	2.45E-09	4.43E-10	1.48E-10	5.91E-10	3.45E-10	7.11E-11	4.17E-10
9680	625952.11	4265882.15	2.24E-09	7.70E-10	3.01E-09	1.87E-09	5.77E-10	2.45E-09	4.43E-10	1.48E-10	5.91E-10	3.46E-10	7.11E-11	4.17E-10
9681	625952.28	4265872.22	2.24E-09	7.71E-10	3.01E-09	1.87E-09	5.77E-10	2.45E-09	4.44E-10	1.48E-10	5.92E-10	3.46E-10	7.12E-11	4.17E-10
9682	625952.44	4265862.28	2.25E-09	7.72E-10	3.02E-09	1.88E-09	5.78E-10	2.46E-09	4.45E-10	1.48E-10	5.93E-10	3.47E-10	7.13E-11	4.18E-10
9683	625952.6	4265852.35	2.25E-09	7.74E-10	3.02E-09	1.88E-09	5.79E-10	2.46E-09	4.45E-10	1.48E-10	5.94E-10	3.47E-10	7.14E-11	4.19E-10
9684	625952.77	4265842.42	2.26E-09	7.76E-10	3.03E-09	1.89E-09	5.81E-10	2.47E-09	4.46E-10	1.49E-10	5.95E-10	3.48E-10	7.16E-11	4.20E-10
9685	625952.93	4265832.48	2.26E-09	7.78E-10	3.04E-09	1.89E-09	5.82E-10	2.47E-09	4.48E-10	1.49E-10	5.97E-10	3.49E-10	7.18E-11	4.21E-10
9686	625953.09	4265822.55	2.27E-09	7.81E-10	3.05E-09	1.90E-09	5.85E-10	2.48E-09	4.49E-10	1.50E-10	5.99E-10	3.50E-10	7.21E-11	4.22E-10
9687	625953.26	4265812.62	2.28E-09	7.84E-10	3.07E-09	1.91E-09	5.87E-10	2.49E-09	4.51E-10	1.50E-10	6.02E-10	3.52E-10	7.24E-11	4.24E-10
9688	625953.42	4265802.68	2.29E-09	7.88E-10	3.08E-09	1.92E-09	5.90E-10	2.51E-09	4.54E-10	1.51E-10	6.05E-10	3.54E-10	7.27E-11	4.26E-10
9689	625953.59	4265792.75	2.30E-09	7.92E-10	3.10E-09	1.93E-09	5.93E-10	2.52E-09	4.56E-10	1.52E-10	6.08E-10	3.56E-10	7.31E-11	4.29E-10
9690	625953.75	4265782.82	2.32E-09	7.97E-10	3.11E-09	1.94E-09	5.97E-10	2.53E-09	4.59E-10	1.53E-10	6.12E-10	3.58E-10	7.36E-11	4.31E-10
9691	625953.91	4265772.88	2.33E-09	8.02E-10	3.13E-09	1.95E-09	6.01E-10	2.55E-09	4.62E-10	1.54E-10	6.15E-10	3.60E-10	7.40E-11	4.34E-10
9692	625954.08	4265762.95	2.35E-09	8.07E-10	3.16E-09	1.96E-09	6.05E-10	2.57E-09	4.65E-10	1.55E-10	6.19E-10	3.62E-10	7.45E-11	4.37E-10
9693	625954.24	4265753.02	2.36E-09	8.13E-10	3.18E-09	1.98E-09	6.09E-10	2.58E-09	4.68E-10	1.56E-10	6.24E-10	3.65E-10	7.50E-11	4.40E-10
9694	625954.4	4265743.08	2.38E-09	8.18E-10	3.20E-09	1.99E-09	6.13E-10	2.60E-09	4.71E-10	1.57E-10	6.28E-10	3.67E-10	7.55E-11	4.43E-10
9695	625954.57	4265733.15	2.40E-09	8.24E-10	3.22E-09	2.00E-09	6.17E-10	2.62E-09	4.74E-10	1.58E-10	6.32E-10	3.70E-10	7.60E-11	4.46E-10
9696	625954.73	4265723.22	2.41E-09	8.29E-10	3.24E-09	2.01E-09	6.21E-10	2.64E-09	4.77E-10	1.59E-10	6.36E-10	3.72E-10	7.65E-11	4.48E-10
9697	625954.89	4265713.28	2.43E-09	8.34E-10	3.26E-09	2.03E-09	6.25E-10	2.65E-09	4.80E-10	1.60E-10	6.40E-10	3.74E-10	7.70E-11	4.51E-10
9698	625955.06	4265703.35	2.44E-09	8.40E-10	3.28E-09	2.04E-09	6.29E-10	2.67E-09	4.84E-10	1.61E-10	6.45E-10	3.77E-10	7.76E-11	4.55E-10
9699	625955.22	4265693.42	2.46E-09	8.47E-10	3.31E-09	2.06E-09	6.34E-10	2.69E-09	4.87E-10	1.62E-10	6.50E-10	3.80E-10	7.81E-11	4.58E-10

			T2		T3		T4i		T4f
			7054	624871.12					
			6.31E-03	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.16E-04	9.73E-04
			Yr 1	Yr 2	Yr 1	Yr 2	Yr 1	Yr 2	Yr 1
1	624845.6	4265665.17	5.34E-03	1.84E-03	4.46E-03	1.37E-03	1.06E-03	3.52E-04	8.24E-04
2	624835.69	4265665.04	5.82E-03	2.00E-03	4.86E-03	1.50E-03	1.15E-03	3.83E-04	8.98E-04
3	624825.78	4265664.9	6.34E-03	2.18E-03	5.30E-03	1.63E-03	1.26E-03	4.18E-04	9.79E-04
4	624815.87	4265664.76	6.84E-03	2.35E-03	5.72E-03	1.76E-03	1.35E-03	4.51E-04	1.06E-03
5	624805.96	4265664.62	7.17E-03	2.46E-03	5.99E-03	1.85E-03	1.42E-03	4.72E-04	1.11E-03
6	624796.06	4265664.49	7.12E-03	2.45E-03	5.96E-03	1.83E-03	1.41E-03	4.69E-04	1.10E-03
7	624786.15	4265664.35	6.95E-03	2.39E-03	5.81E-03	1.79E-03	1.38E-03	4.58E-04	1.07E-03
8	624776.24	4265664.21	7.01E-03	2.41E-03	5.86E-03	1.80E-03	1.39E-03	4.62E-04	1.08E-03
9	624766.33	4265664.07	7.25E-03	2.49E-03	6.06E-03	1.87E-03	1.44E-03	4.78E-04	1.12E-03
10	624756.42	4265663.94	7.57E-03	2.60E-03	6.33E-03	1.95E-03	1.50E-03	4.99E-04	1.17E-03
11	624746.51	4265663.8	7.81E-03	2.68E-03	6.52E-03	2.01E-03	1.55E-03	5.14E-04	1.20E-03
12	624736.6	4265663.66	7.73E-03	2.66E-03	6.46E-03	1.99E-03	1.53E-03	5.10E-04	1.19E-03
13	624726.69	4265663.52	7.38E-03	2.54E-03	6.17E-03	1.90E-03	1.46E-03	4.86E-04	1.14E-03
14	624716.79	4265663.39	7.20E-03	2.48E-03	6.02E-03	1.85E-03	1.43E-03	4.75E-04	1.11E-03
15	624706.88	4265663.25	7.27E-03	2.50E-03	6.07E-03	1.87E-03	1.44E-03	4.79E-04	1.12E-03
16	624696.97	4265663.11	7.47E-03	2.57E-03	6.24E-03	1.92E-03	1.48E-03	4.92E-04	1.15E-03
17	624687.06	4265662.98	7.73E-03	2.66E-03	6.47E-03	1.99E-03	1.53E-03	5.10E-04	1.19E-03
18	624677.15	4265662.84	7.97E-03	2.74E-03	6.66E-03	2.05E-03	1.58E-03	5.25E-04	1.23E-03
19	624667.24	4265662.7	8.00E-03	2.75E-03	6.69E-03	2.06E-03	1.58E-03	5.27E-04	1.23E-03
20	624657.33	4265662.56	7.78E-03	2.67E-03	6.50E-03	2.00E-03	1.54E-03	5.12E-04	1.20E-03
21	624647.42	4265662.43	7.63E-03	2.62E-03	6.38E-03	1.96E-03	1.51E-03	5.03E-04	1.18E-03
22	624637.52	4265662.29	7.72E-03	2.66E-03	6.46E-03	1.99E-03	1.53E-03	5.09E-04	1.19E-03
23	624627.61	4265662.15	7.98E-03	2.74E-03	6.67E-03	2.05E-03	1.58E-03	5.26E-04	1.23E-03
24	624617.7	4265662.01	8.31E-03	2.86E-03	6.94E-03	2.14E-03	1.64E-03	5.47E-04	1.28E-03
25	624607.79	4265661.88	8.53E-03	2.93E-03	7.13E-03	2.20E-03	1.69E-03	5.62E-04	1.32E-03
26	624597.88	4265661.74	8.35E-03	2.87E-03	6.98E-03	2.15E-03	1.65E-03	5.50E-04	1.29E-03
27	624587.97	4265661.6	7.92E-03	2.72E-03	6.62E-03	2.04E-03	1.57E-03	5.22E-04	1.22E-03
28	624578.06	4265661.46	7.78E-03	2.67E-03	6.50E-03	2.00E-03	1.54E-03	5.12E-04	1.20E-03
29	624568.15	4265661.33	7.88E-03	2.71E-03	6.59E-03	2.03E-03	1.56E-03	5.19E-04	1.22E-03
30	624558.24	4265661.19	8.10E-03	2.78E-03	6.77E-03	2.08E-03	1.60E-03	5.33E-04	1.25E-03
31	624548.34	4265661.05	8.25E-03	2.84E-03	6.89E-03	2.12E-03	1.63E-03	5.43E-04	1.27E-03
32	624538.43	4265660.91	8.04E-03	2.76E-03	6.72E-03	2.07E-03	1.59E-03	5.30E-04	1.24E-03
33	624528.52	4265660.78	7.50E-03	2.58E-03	6.27E-03	1.93E-03	1.49E-03	4.94E-04	1.16E-03
34	624518.61	4265660.64	7.21E-03	2.48E-03	6.03E-03	1.86E-03	1.43E-03	4.75E-04	1.11E-03
35	624508.7	4265660.5	7.18E-03	2.47E-03	6.00E-03	1.85E-03	1.42E-03	4.73E-04	1.11E-03
36	624498.79	4265660.36	7.24E-03	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03
37	624488.88	4265660.23	7.25E-03	2.49E-03	6.06E-03	1.87E-03	1.44E-03	4.78E-04	1.12E-03
38	624478.97	4265660.09	6.98E-03	2.40E-03	5.83E-03	1.80E-03	1.38E-03	4.60E-04	1.08E-03
39	624469.07	4265659.95	6.44E-03	2.22E-03	5.38E-03	1.66E-03	1.28E-03	4.24E-04	9.94E-04
40	624459.16	4265659.81	6.07E-03	2.09E-03	5.07E-03	1.56E-03	1.20E-03	4.00E-04	9.36E-04
41	624449.25	4265659.68	5.93E-03	2.04E-03	4.96E-03	1.53E-03	1.17E-03	3.91E-04	9.15E-04
42	624439.34	4265659.54	5.92E-03	2.04E-03	4.95E-03	1.52E-03	1.17E-03	3.90E-04	9.14E-04
43	624429.43	4265659.4	5.92E-03	2.04E-03	4.95E-03	1.52E-03	1.17E-03	3.90E-04	9.14E-04
44	624419.52	4265659.27	5.70E-03	1.96E-03	4.76E-03	1.47E-03	1.13E-03	3.75E-04	8.79E-04
45	624409.61	4265659.13	5.01E-03	1.72E-03	4.19E-03	1.29E-03	9.92E-04	3.30E-04	7.74E-04
46	624399.7	4265658.99	4.21E-03	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.49E-04
47	624389.8	4265658.85	3.67E-03	1.26E-03	3.06E-03	9.44E-04	7.26E-04	2.42E-04	5.66E-04
48	624379.89	4265658.72	3.28E-03	1.13E-03	2.74E-03	8.43E-04	6.48E-04	2.16E-04	5.05E-04

49	624369.98	4265658.58	2.96E-03	1.02E-03	2.47E-03	7.62E-04	5.86E-04	1.95E-04	4.57E-04
50	624360.07	4265658.44	2.70E-03	9.28E-04	2.26E-03	6.95E-04	5.34E-04	1.78E-04	4.17E-04
51	624872.55	4265668.51	4.33E-03	1.49E-03	3.62E-03	1.11E-03	8.57E-04	2.85E-04	6.68E-04
52	624845.74	4265655.17	5.06E-03	1.74E-03	4.23E-03	1.30E-03	1.00E-03	3.34E-04	7.81E-04
53	624835.83	4265655.04	5.46E-03	1.88E-03	4.56E-03	1.41E-03	1.08E-03	3.60E-04	8.42E-04
54	624825.92	4265654.9	5.85E-03	2.01E-03	4.89E-03	1.51E-03	1.16E-03	3.86E-04	9.03E-04
55	624816.01	4265654.76	6.19E-03	2.13E-03	5.17E-03	1.59E-03	1.23E-03	4.08E-04	9.55E-04
56	624806.1	4265654.62	6.37E-03	2.19E-03	5.32E-03	1.64E-03	1.26E-03	4.20E-04	9.83E-04
57	624796.19	4265654.49	6.36E-03	2.19E-03	5.32E-03	1.64E-03	1.26E-03	4.19E-04	9.81E-04
58	624786.29	4265654.35	6.33E-03	2.18E-03	5.29E-03	1.63E-03	1.25E-03	4.17E-04	9.76E-04
59	624776.38	4265654.21	6.42E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.91E-04
60	624766.47	4265654.08	6.62E-03	2.28E-03	5.53E-03	1.70E-03	1.31E-03	4.36E-04	1.02E-03
61	624756.56	4265653.94	6.83E-03	2.35E-03	5.71E-03	1.76E-03	1.35E-03	4.50E-04	1.05E-03
62	624746.65	4265653.8	6.94E-03	2.39E-03	5.80E-03	1.79E-03	1.37E-03	4.57E-04	1.07E-03
63	624736.74	4265653.66	6.85E-03	2.36E-03	5.73E-03	1.76E-03	1.36E-03	4.51E-04	1.06E-03
64	624726.83	4265653.53	6.67E-03	2.30E-03	5.58E-03	1.72E-03	1.32E-03	4.40E-04	1.03E-03
65	624716.92	4265653.39	6.61E-03	2.27E-03	5.53E-03	1.70E-03	1.31E-03	4.36E-04	1.02E-03
66	624707.02	4265653.25	6.69E-03	2.30E-03	5.59E-03	1.72E-03	1.32E-03	4.41E-04	1.03E-03
67	624697.11	4265653.11	6.86E-03	2.36E-03	5.73E-03	1.77E-03	1.36E-03	4.52E-04	1.06E-03
68	624687.2	4265652.98	7.04E-03	2.42E-03	5.88E-03	1.81E-03	1.39E-03	4.64E-04	1.09E-03
69	624677.29	4265652.84	7.16E-03	2.46E-03	5.98E-03	1.84E-03	1.42E-03	4.72E-04	1.10E-03
70	624667.38	4265652.7	7.14E-03	2.45E-03	5.97E-03	1.84E-03	1.41E-03	4.70E-04	1.10E-03
71	624657.47	4265652.56	7.02E-03	2.42E-03	5.87E-03	1.81E-03	1.39E-03	4.63E-04	1.08E-03
72	624647.56	4265652.43	6.98E-03	2.40E-03	5.84E-03	1.80E-03	1.38E-03	4.60E-04	1.08E-03
73	624637.65	4265652.29	7.08E-03	2.44E-03	5.92E-03	1.82E-03	1.40E-03	4.67E-04	1.09E-03
74	624627.74	4265652.15	7.27E-03	2.50E-03	6.08E-03	1.87E-03	1.44E-03	4.79E-04	1.12E-03
75	624617.84	4265652.01	7.47E-03	2.57E-03	6.24E-03	1.92E-03	1.48E-03	4.92E-04	1.15E-03
76	624607.93	4265651.88	7.53E-03	2.59E-03	6.29E-03	1.94E-03	1.49E-03	4.96E-04	1.16E-03
77	624598.02	4265651.74	7.36E-03	2.53E-03	6.15E-03	1.89E-03	1.46E-03	4.85E-04	1.14E-03
78	624588.11	4265651.6	7.13E-03	2.45E-03	5.96E-03	1.83E-03	1.41E-03	4.69E-04	1.10E-03
79	624578.2	4265651.46	7.06E-03	2.43E-03	5.90E-03	1.82E-03	1.40E-03	4.65E-04	1.09E-03
80	624568.29	4265651.33	7.13E-03	2.45E-03	5.96E-03	1.84E-03	1.41E-03	4.70E-04	1.10E-03
81	624558.38	4265651.19	7.24E-03	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03
82	624548.47	4265651.05	7.24E-03	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03
83	624538.57	4265650.92	7.02E-03	2.41E-03	5.86E-03	1.81E-03	1.39E-03	4.62E-04	1.08E-03
84	624528.66	4265650.78	6.68E-03	2.30E-03	5.59E-03	1.72E-03	1.32E-03	4.40E-04	1.03E-03
85	624518.75	4265650.64	6.50E-03	2.23E-03	5.43E-03	1.67E-03	1.29E-03	4.28E-04	1.00E-03
86	624508.84	4265650.5	6.45E-03	2.22E-03	5.39E-03	1.66E-03	1.28E-03	4.25E-04	9.95E-04
87	624498.93	4265650.37	6.44E-03	2.21E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.94E-04
88	624489.02	4265650.23	6.34E-03	2.18E-03	5.30E-03	1.63E-03	1.25E-03	4.18E-04	9.78E-04
89	624479.11	4265650.09	6.06E-03	2.08E-03	5.07E-03	1.56E-03	1.20E-03	3.99E-04	9.35E-04
90	624469.2	4265649.95	5.70E-03	1.96E-03	4.76E-03	1.47E-03	1.13E-03	3.75E-04	8.79E-04
91	624459.3	4265649.82	5.44E-03	1.87E-03	4.55E-03	1.40E-03	1.08E-03	3.58E-04	8.39E-04
92	624449.39	4265649.68	5.32E-03	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.20E-04
93	624439.48	4265649.54	5.25E-03	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.10E-04
94	624429.57	4265649.4	5.13E-03	1.76E-03	4.29E-03	1.32E-03	1.02E-03	3.38E-04	7.92E-04
95	624419.66	4265649.27	4.82E-03	1.66E-03	4.02E-03	1.24E-03	9.53E-04	3.17E-04	7.43E-04
96	624409.75	4265649.13	4.27E-03	1.47E-03	3.57E-03	1.10E-03	8.45E-04	2.81E-04	6.59E-04
97	624399.84	4265648.99	3.71E-03	1.28E-03	3.10E-03	9.55E-04	7.35E-04	2.45E-04	5.73E-04
98	624389.93	4265648.85	3.30E-03	1.13E-03	2.76E-03	8.49E-04	6.53E-04	2.17E-04	5.09E-04
99	624380.02	4265648.72	2.99E-03	1.03E-03	2.50E-03	7.70E-04	5.92E-04	1.97E-04	4.61E-04
100	624370.12	4265648.58	2.74E-03	9.42E-04	2.29E-03	7.05E-04	5.42E-04	1.80E-04	4.23E-04

101	624360.21	4265648.44	2.52E-03	8.68E-04	2.11E-03	6.50E-04	5.00E-04	1.66E-04	3.90E-04
102	624879.72	4265661.55	4.02E-03	1.38E-03	3.36E-03	1.03E-03	7.95E-04	2.65E-04	6.20E-04
103	624845.88	4265645.18	4.80E-03	1.65E-03	4.01E-03	1.23E-03	9.49E-04	3.16E-04	7.40E-04
104	624835.97	4265645.04	5.11E-03	1.76E-03	4.27E-03	1.32E-03	1.01E-03	3.37E-04	7.88E-04
105	624826.06	4265644.9	5.40E-03	1.86E-03	4.51E-03	1.39E-03	1.07E-03	3.56E-04	8.33E-04
106	624816.15	4265644.76	5.63E-03	1.93E-03	4.70E-03	1.45E-03	1.11E-03	3.71E-04	8.68E-04
107	624806.24	4265644.63	5.74E-03	1.98E-03	4.80E-03	1.48E-03	1.14E-03	3.78E-04	8.86E-04
108	624796.33	4265644.49	5.77E-03	1.99E-03	4.83E-03	1.49E-03	1.14E-03	3.80E-04	8.91E-04
109	624786.42	4265644.35	5.81E-03	2.00E-03	4.85E-03	1.49E-03	1.15E-03	3.83E-04	8.96E-04
110	624776.52	4265644.21	5.91E-03	2.03E-03	4.94E-03	1.52E-03	1.17E-03	3.89E-04	9.11E-04
111	624766.61	4265644.08	6.06E-03	2.08E-03	5.06E-03	1.56E-03	1.20E-03	3.99E-04	9.35E-04
112	624756.7	4265643.94	6.19E-03	2.13E-03	5.17E-03	1.59E-03	1.22E-03	4.08E-04	9.55E-04
113	624746.79	4265643.8	6.23E-03	2.14E-03	5.21E-03	1.60E-03	1.23E-03	4.11E-04	9.62E-04
114	624736.88	4265643.66	6.18E-03	2.12E-03	5.16E-03	1.59E-03	1.22E-03	4.07E-04	9.53E-04
115	624726.97	4265643.53	6.10E-03	2.10E-03	5.10E-03	1.57E-03	1.21E-03	4.02E-04	9.42E-04
116	624717.06	4265643.39	6.10E-03	2.10E-03	5.10E-03	1.57E-03	1.21E-03	4.02E-04	9.41E-04
117	624707.15	4265643.25	6.18E-03	2.13E-03	5.17E-03	1.59E-03	1.22E-03	4.07E-04	9.54E-04
118	624697.25	4265643.11	6.31E-03	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.15E-04	9.73E-04
119	624687.34	4265642.98	6.42E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.91E-04
120	624677.43	4265642.84	6.48E-03	2.23E-03	5.42E-03	1.67E-03	1.28E-03	4.27E-04	1.00E-03
121	624667.52	4265642.7	6.46E-03	2.22E-03	5.40E-03	1.66E-03	1.28E-03	4.26E-04	9.97E-04
122	624657.61	4265642.56	6.41E-03	2.21E-03	5.36E-03	1.65E-03	1.27E-03	4.23E-04	9.90E-04
123	624647.7	4265642.43	6.42E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.91E-04
124	624637.79	4265642.29	6.50E-03	2.24E-03	5.44E-03	1.67E-03	1.29E-03	4.29E-04	1.00E-03
125	624627.88	4265642.15	6.63E-03	2.28E-03	5.54E-03	1.71E-03	1.31E-03	4.37E-04	1.02E-03
126	624617.97	4265642.02	6.72E-03	2.31E-03	5.62E-03	1.73E-03	1.33E-03	4.43E-04	1.04E-03
127	624608.07	4265641.88	6.71E-03	2.31E-03	5.61E-03	1.73E-03	1.33E-03	4.42E-04	1.04E-03
128	624598.16	4265641.74	6.59E-03	2.27E-03	5.51E-03	1.70E-03	1.30E-03	4.34E-04	1.02E-03
129	624588.25	4265641.6	6.46E-03	2.22E-03	5.40E-03	1.66E-03	1.28E-03	4.26E-04	9.97E-04
130	624578.34	4265641.47	6.43E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.92E-04
131	624568.43	4265641.33	6.46E-03	2.22E-03	5.40E-03	1.66E-03	1.28E-03	4.26E-04	9.97E-04
132	624558.52	4265641.19	6.48E-03	2.23E-03	5.42E-03	1.67E-03	1.28E-03	4.27E-04	1.00E-03
133	624548.61	4265641.05	6.41E-03	2.21E-03	5.36E-03	1.65E-03	1.27E-03	4.23E-04	9.90E-04
134	624538.7	4265640.92	6.22E-03	2.14E-03	5.20E-03	1.60E-03	1.23E-03	4.10E-04	9.60E-04
135	624528.8	4265640.78	6.01E-03	2.07E-03	5.02E-03	1.55E-03	1.19E-03	3.96E-04	9.27E-04
136	624518.89	4265640.64	5.87E-03	2.02E-03	4.91E-03	1.51E-03	1.16E-03	3.87E-04	9.06E-04
137	624508.98	4265640.5	5.81E-03	2.00E-03	4.85E-03	1.50E-03	1.15E-03	3.83E-04	8.96E-04
138	624499.07	4265640.37	5.74E-03	1.97E-03	4.80E-03	1.48E-03	1.14E-03	3.78E-04	8.86E-04
139	624489.16	4265640.23	5.60E-03	1.92E-03	4.68E-03	1.44E-03	1.11E-03	3.69E-04	8.63E-04
140	624479.25	4265640.09	5.36E-03	1.84E-03	4.48E-03	1.38E-03	1.06E-03	3.53E-04	8.27E-04
141	624469.34	4265639.95	5.10E-03	1.75E-03	4.26E-03	1.31E-03	1.01E-03	3.36E-04	7.86E-04
142	624459.43	4265639.82	4.90E-03	1.68E-03	4.10E-03	1.26E-03	9.70E-04	3.23E-04	7.56E-04
143	624449.53	4265639.68	4.77E-03	1.64E-03	3.99E-03	1.23E-03	9.45E-04	3.14E-04	7.36E-04
144	624439.62	4265639.54	4.66E-03	1.60E-03	3.89E-03	1.20E-03	9.21E-04	3.07E-04	7.18E-04
145	624429.71	4265639.4	4.47E-03	1.54E-03	3.74E-03	1.15E-03	8.85E-04	2.94E-04	6.90E-04
146	624419.8	4265639.27	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.22E-04	2.73E-04	6.40E-04
147	624409.89	4265639.13	3.73E-03	1.28E-03	3.12E-03	9.60E-04	7.38E-04	2.46E-04	5.75E-04
148	624399.98	4265638.99	3.32E-03	1.14E-03	2.78E-03	8.55E-04	6.57E-04	2.19E-04	5.13E-04
149	624390.07	4265638.86	3.00E-03	1.03E-03	2.51E-03	7.73E-04	5.94E-04	1.98E-04	4.63E-04
150	624380.16	4265638.72	2.75E-03	9.47E-04	2.30E-03	7.09E-04	5.45E-04	1.81E-04	4.25E-04
151	624370.25	4265638.58	2.55E-03	8.76E-04	2.13E-03	6.56E-04	5.04E-04	1.68E-04	3.93E-04
152	624877.04	4265644.42	3.88E-03	1.33E-03	3.24E-03	9.99E-04	7.68E-04	2.56E-04	5.99E-04

153	624886.9	4265654.59	3.75E-03	1.29E-03	3.13E-03	9.65E-04	7.42E-04	2.47E-04	5.78E-04
154	624892.54	4265668.84	3.74E-03	1.28E-03	3.12E-03	9.62E-04	7.39E-04	2.46E-04	5.76E-04
155	624846.02	4265635.18	4.54E-03	1.56E-03	3.79E-03	1.17E-03	8.98E-04	2.99E-04	7.00E-04
156	624836.11	4265635.04	4.78E-03	1.64E-03	4.00E-03	1.23E-03	9.47E-04	3.15E-04	7.38E-04
157	624826.2	4265634.9	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.90E-04	3.29E-04	7.71E-04
158	624816.29	4265634.76	5.16E-03	1.77E-03	4.31E-03	1.33E-03	1.02E-03	3.40E-04	7.96E-04
159	624806.38	4265634.63	5.25E-03	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.11E-04
160	624796.47	4265634.49	5.30E-03	1.82E-03	4.43E-03	1.37E-03	1.05E-03	3.50E-04	8.19E-04
161	624786.56	4265634.35	5.36E-03	1.84E-03	4.48E-03	1.38E-03	1.06E-03	3.53E-04	8.28E-04
162	624776.65	4265634.21	5.46E-03	1.88E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.42E-04
163	624766.75	4265634.08	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.67E-04	8.58E-04
164	624756.84	4265633.94	5.65E-03	1.94E-03	4.72E-03	1.45E-03	1.12E-03	3.72E-04	8.71E-04
165	624746.93	4265633.8	5.67E-03	1.95E-03	4.74E-03	1.46E-03	1.12E-03	3.74E-04	8.75E-04
166	624737.02	4265633.67	5.65E-03	1.94E-03	4.72E-03	1.45E-03	1.12E-03	3.72E-04	8.72E-04
167	624727.11	4265633.53	5.63E-03	1.94E-03	4.71E-03	1.45E-03	1.11E-03	3.71E-04	8.69E-04
168	624717.2	4265633.39	5.65E-03	1.94E-03	4.73E-03	1.46E-03	1.12E-03	3.73E-04	8.72E-04
169	624707.29	4265633.25	5.72E-03	1.97E-03	4.78E-03	1.47E-03	1.13E-03	3.77E-04	8.83E-04
170	624697.38	4265633.12	5.82E-03	2.00E-03	4.86E-03	1.50E-03	1.15E-03	3.83E-04	8.97E-04
171	624687.48	4265632.98	5.89E-03	2.03E-03	4.92E-03	1.52E-03	1.17E-03	3.88E-04	9.09E-04
172	624677.57	4265632.84	5.92E-03	2.04E-03	4.95E-03	1.52E-03	1.17E-03	3.90E-04	9.14E-04
173	624667.66	4265632.7	5.91E-03	2.03E-03	4.94E-03	1.52E-03	1.17E-03	3.90E-04	9.12E-04
174	624657.75	4265632.57	5.90E-03	2.03E-03	4.93E-03	1.52E-03	1.17E-03	3.89E-04	9.11E-04
175	624647.84	4265632.43	5.93E-03	2.04E-03	4.95E-03	1.53E-03	1.17E-03	3.90E-04	9.14E-04
176	624637.93	4265632.29	5.99E-03	2.06E-03	5.00E-03	1.54E-03	1.18E-03	3.94E-04	9.24E-04
177	624628.02	4265632.15	6.06E-03	2.08E-03	5.06E-03	1.56E-03	1.20E-03	3.99E-04	9.35E-04
178	624618.11	4265632.02	6.09E-03	2.09E-03	5.09E-03	1.57E-03	1.21E-03	4.01E-04	9.40E-04
179	624608.2	4265631.88	6.06E-03	2.08E-03	5.06E-03	1.56E-03	1.20E-03	3.99E-04	9.35E-04
180	624598.3	4265631.74	5.97E-03	2.05E-03	4.99E-03	1.54E-03	1.18E-03	3.94E-04	9.22E-04
181	624588.39	4265631.6	5.90E-03	2.03E-03	4.93E-03	1.52E-03	1.17E-03	3.89E-04	9.10E-04
182	624578.48	4265631.47	5.87E-03	2.02E-03	4.91E-03	1.51E-03	1.16E-03	3.87E-04	9.06E-04
183	624568.57	4265631.33	5.87E-03	2.02E-03	4.90E-03	1.51E-03	1.16E-03	3.87E-04	9.05E-04
184	624558.66	4265631.19	5.84E-03	2.01E-03	4.88E-03	1.50E-03	1.16E-03	3.85E-04	9.01E-04
185	624548.75	4265631.05	5.75E-03	1.98E-03	4.81E-03	1.48E-03	1.14E-03	3.79E-04	8.87E-04
186	624538.84	4265630.92	5.60E-03	1.93E-03	4.68E-03	1.44E-03	1.11E-03	3.69E-04	8.64E-04
187	624528.93	4265630.78	5.45E-03	1.87E-03	4.55E-03	1.40E-03	1.08E-03	3.59E-04	8.41E-04
188	624519.03	4265630.64	5.34E-03	1.83E-03	4.46E-03	1.37E-03	1.06E-03	3.51E-04	8.23E-04
189	624509.12	4265630.5	5.25E-03	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.10E-04
190	624499.21	4265630.37	5.15E-03	1.77E-03	4.31E-03	1.33E-03	1.02E-03	3.39E-04	7.95E-04
191	624489.3	4265630.23	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.90E-04	3.29E-04	7.72E-04
192	624479.39	4265630.09	4.80E-03	1.65E-03	4.01E-03	1.24E-03	9.51E-04	3.16E-04	7.41E-04
193	624469.48	4265629.96	4.60E-03	1.58E-03	3.85E-03	1.18E-03	9.11E-04	3.03E-04	7.10E-04
194	624459.57	4265629.82	4.44E-03	1.53E-03	3.71E-03	1.14E-03	8.78E-04	2.92E-04	6.85E-04
195	624449.66	4265629.68	4.30E-03	1.48E-03	3.59E-03	1.11E-03	8.51E-04	2.83E-04	6.63E-04
196	624439.76	4265629.54	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.21E-04	2.73E-04	6.40E-04
197	624429.85	4265629.41	3.94E-03	1.36E-03	3.29E-03	1.01E-03	7.80E-04	2.60E-04	6.08E-04
198	624419.94	4265629.27	3.65E-03	1.26E-03	3.05E-03	9.41E-04	7.23E-04	2.41E-04	5.64E-04
199	624410.03	4265629.13	3.32E-03	1.14E-03	2.78E-03	8.56E-04	6.58E-04	2.19E-04	5.13E-04
200	624400.12	4265628.99	3.02E-03	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04
201	624390.21	4265628.86	2.76E-03	9.50E-04	2.31E-03	7.11E-04	5.47E-04	1.82E-04	4.26E-04
202	624873.66	4265632.9	3.81E-03	1.31E-03	3.18E-03	9.80E-04	7.53E-04	2.51E-04	5.87E-04
203	624882.46	4265636.7	3.66E-03	1.26E-03	3.06E-03	9.41E-04	7.24E-04	2.41E-04	5.64E-04
204	624894.78	4265649.4	3.51E-03	1.21E-03	2.93E-03	9.04E-04	6.95E-04	2.31E-04	5.42E-04

205	624898.31	4265658.31	3.51E-03	1.21E-03	2.93E-03	9.03E-04	6.94E-04	2.31E-04	5.41E-04
206	624901.84	4265667.22	3.49E-03	1.20E-03	2.92E-03	8.99E-04	6.91E-04	2.30E-04	5.39E-04
207	624846.15	4265625.18	4.29E-03	1.47E-03	3.58E-03	1.10E-03	8.49E-04	2.83E-04	6.62E-04
208	624836.25	4265625.04	4.48E-03	1.54E-03	3.75E-03	1.15E-03	8.88E-04	2.95E-04	6.92E-04
209	624826.34	4265624.9	4.65E-03	1.60E-03	3.89E-03	1.20E-03	9.20E-04	3.06E-04	7.17E-04
210	624816.43	4265624.77	4.77E-03	1.64E-03	3.99E-03	1.23E-03	9.45E-04	3.14E-04	7.36E-04
211	624806.52	4265624.63	4.86E-03	1.67E-03	4.06E-03	1.25E-03	9.61E-04	3.20E-04	7.49E-04
212	624796.61	4265624.49	4.92E-03	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.59E-04
213	624786.7	4265624.35	4.98E-03	1.71E-03	4.17E-03	1.28E-03	9.86E-04	3.28E-04	7.69E-04
214	624776.79	4265624.22	5.06E-03	1.74E-03	4.23E-03	1.30E-03	1.00E-03	3.33E-04	7.81E-04
215	624766.88	4265624.08	5.14E-03	1.77E-03	4.29E-03	1.32E-03	1.02E-03	3.38E-04	7.93E-04
216	624756.98	4265623.94	5.19E-03	1.79E-03	4.34E-03	1.34E-03	1.03E-03	3.42E-04	8.01E-04
217	624747.07	4265623.8	5.22E-03	1.79E-03	4.36E-03	1.34E-03	1.03E-03	3.44E-04	8.05E-04
218	624737.16	4265623.67	5.22E-03	1.79E-03	4.36E-03	1.34E-03	1.03E-03	3.44E-04	8.05E-04
219	624727.25	4265623.53	5.23E-03	1.80E-03	4.37E-03	1.35E-03	1.03E-03	3.44E-04	8.07E-04
220	624717.34	4265623.39	5.26E-03	1.81E-03	4.40E-03	1.35E-03	1.04E-03	3.47E-04	8.12E-04
221	624707.43	4265623.25	5.32E-03	1.83E-03	4.45E-03	1.37E-03	1.05E-03	3.50E-04	8.21E-04
222	624697.52	4265623.12	5.38E-03	1.85E-03	4.50E-03	1.39E-03	1.07E-03	3.55E-04	8.30E-04
223	624687.61	4265622.98	5.43E-03	1.87E-03	4.54E-03	1.40E-03	1.07E-03	3.58E-04	8.38E-04
224	624677.7	4265622.84	5.45E-03	1.88E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.41E-04
225	624667.8	4265622.7	5.46E-03	1.88E-03	4.56E-03	1.41E-03	1.08E-03	3.60E-04	8.42E-04
226	624657.89	4265622.57	5.46E-03	1.88E-03	4.57E-03	1.41E-03	1.08E-03	3.60E-04	8.43E-04
227	624647.98	4265622.43	5.49E-03	1.89E-03	4.59E-03	1.41E-03	1.09E-03	3.62E-04	8.47E-04
228	624638.07	4265622.29	5.53E-03	1.90E-03	4.62E-03	1.42E-03	1.09E-03	3.64E-04	8.53E-04
229	624628.16	4265622.15	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04
230	624618.25	4265622.02	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04
231	624608.34	4265621.88	5.53E-03	1.90E-03	4.62E-03	1.42E-03	1.09E-03	3.64E-04	8.53E-04
232	624598.43	4265621.74	5.47E-03	1.88E-03	4.57E-03	1.41E-03	1.08E-03	3.60E-04	8.44E-04
233	624588.53	4265621.61	5.42E-03	1.86E-03	4.53E-03	1.39E-03	1.07E-03	3.57E-04	8.36E-04
234	624578.62	4265621.47	5.38E-03	1.85E-03	4.50E-03	1.39E-03	1.07E-03	3.55E-04	8.31E-04
235	624568.71	4265621.33	5.35E-03	1.84E-03	4.48E-03	1.38E-03	1.06E-03	3.53E-04	8.26E-04
236	624558.8	4265621.19	5.30E-03	1.82E-03	4.43E-03	1.37E-03	1.05E-03	3.49E-04	8.18E-04
237	624548.89	4265621.06	5.21E-03	1.79E-03	4.36E-03	1.34E-03	1.03E-03	3.43E-04	8.04E-04
238	624538.98	4265620.92	5.09E-03	1.75E-03	4.26E-03	1.31E-03	1.01E-03	3.35E-04	7.86E-04
239	624529.07	4265620.78	4.97E-03	1.71E-03	4.16E-03	1.28E-03	9.84E-04	3.28E-04	7.67E-04
240	624519.16	4265620.64	4.87E-03	1.67E-03	4.07E-03	1.25E-03	9.64E-04	3.21E-04	7.51E-04
241	624509.26	4265620.51	4.77E-03	1.64E-03	3.99E-03	1.23E-03	9.45E-04	3.14E-04	7.36E-04
242	624499.35	4265620.37	4.66E-03	1.60E-03	3.89E-03	1.20E-03	9.22E-04	3.07E-04	7.19E-04
243	624489.44	4265620.23	4.52E-03	1.55E-03	3.78E-03	1.16E-03	8.94E-04	2.98E-04	6.97E-04
244	624479.53	4265620.09	4.35E-03	1.50E-03	3.64E-03	1.12E-03	8.61E-04	2.87E-04	6.71E-04
245	624469.62	4265619.96	4.19E-03	1.44E-03	3.50E-03	1.08E-03	8.29E-04	2.76E-04	6.46E-04
246	624459.71	4265619.82	4.04E-03	1.39E-03	3.37E-03	1.04E-03	7.99E-04	2.66E-04	6.23E-04
247	624449.8	4265619.68	3.89E-03	1.34E-03	3.25E-03	1.00E-03	7.70E-04	2.56E-04	6.00E-04
248	624439.89	4265619.54	3.73E-03	1.28E-03	3.11E-03	9.59E-04	7.38E-04	2.45E-04	5.75E-04
249	624429.98	4265619.41	3.52E-03	1.21E-03	2.94E-03	9.07E-04	6.97E-04	2.32E-04	5.43E-04
250	624420.08	4265619.27	3.28E-03	1.13E-03	2.74E-03	8.43E-04	6.48E-04	2.16E-04	5.05E-04
251	624410.17	4265619.13	3.01E-03	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04
252	624400.26	4265618.99	2.77E-03	9.53E-04	2.32E-03	7.13E-04	5.48E-04	1.83E-04	4.28E-04
253	624390.35	4265618.86	2.56E-03	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.95E-04
254	624873.1	4265622.6	3.67E-03	1.26E-03	3.07E-03	9.46E-04	7.27E-04	2.42E-04	5.67E-04
255	624881.54	4265626.25	3.55E-03	1.22E-03	2.97E-03	9.14E-04	7.03E-04	2.34E-04	5.48E-04
256	624889.99	4265629.89	3.42E-03	1.18E-03	2.86E-03	8.81E-04	6.77E-04	2.25E-04	5.28E-04

257	624901.82	4265642.08	3.30E-03	1.13E-03	2.76E-03	8.50E-04	6.53E-04	2.17E-04	5.09E-04
258	624905.21	4265650.64	3.30E-03	1.13E-03	2.76E-03	8.49E-04	6.53E-04	2.17E-04	5.09E-04
259	624908.59	4265659.19	3.29E-03	1.13E-03	2.75E-03	8.46E-04	6.51E-04	2.17E-04	5.07E-04
260	624911.98	4265667.74	3.27E-03	1.12E-03	2.73E-03	8.41E-04	6.47E-04	2.15E-04	5.04E-04
261	624846.29	4265615.18	4.06E-03	1.40E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04
262	624836.38	4265615.04	4.22E-03	1.45E-03	3.52E-03	1.09E-03	8.34E-04	2.78E-04	6.50E-04
263	624826.48	4265614.9	4.35E-03	1.49E-03	3.63E-03	1.12E-03	8.60E-04	2.86E-04	6.71E-04
264	624816.57	4265614.77	4.45E-03	1.53E-03	3.72E-03	1.14E-03	8.80E-04	2.93E-04	6.86E-04
265	624806.66	4265614.63	4.52E-03	1.56E-03	3.78E-03	1.16E-03	8.95E-04	2.98E-04	6.98E-04
266	624796.75	4265614.49	4.59E-03	1.58E-03	3.84E-03	1.18E-03	9.08E-04	3.02E-04	7.08E-04
267	624786.84	4265614.35	4.65E-03	1.60E-03	3.89E-03	1.20E-03	9.21E-04	3.07E-04	7.18E-04
268	624776.93	4265614.22	4.72E-03	1.62E-03	3.94E-03	1.21E-03	9.33E-04	3.11E-04	7.28E-04
269	624767.02	4265614.08	4.77E-03	1.64E-03	3.99E-03	1.23E-03	9.44E-04	3.14E-04	7.36E-04
270	624757.11	4265613.94	4.81E-03	1.65E-03	4.02E-03	1.24E-03	9.53E-04	3.17E-04	7.43E-04
271	624747.21	4265613.8	4.84E-03	1.66E-03	4.04E-03	1.25E-03	9.57E-04	3.19E-04	7.46E-04
272	624737.3	4265613.67	4.85E-03	1.67E-03	4.06E-03	1.25E-03	9.61E-04	3.20E-04	7.49E-04
273	624727.39	4265613.53	4.88E-03	1.68E-03	4.08E-03	1.26E-03	9.66E-04	3.21E-04	7.53E-04
274	624717.48	4265613.39	4.91E-03	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.58E-04
275	624707.57	4265613.25	4.96E-03	1.70E-03	4.14E-03	1.28E-03	9.81E-04	3.27E-04	7.65E-04
276	624697.66	4265613.12	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.90E-04	3.30E-04	7.72E-04
277	624687.75	4265612.98	5.04E-03	1.73E-03	4.21E-03	1.30E-03	9.97E-04	3.32E-04	7.77E-04
278	624677.84	4265612.84	5.06E-03	1.74E-03	4.23E-03	1.30E-03	1.00E-03	3.33E-04	7.80E-04
279	624667.93	4265612.71	5.07E-03	1.74E-03	4.24E-03	1.30E-03	1.00E-03	3.34E-04	7.82E-04
280	624658.03	4265612.57	5.08E-03	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.84E-04
281	624648.12	4265612.43	5.10E-03	1.75E-03	4.26E-03	1.31E-03	1.01E-03	3.36E-04	7.87E-04
282	624638.21	4265612.29	5.12E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.37E-04	7.90E-04
283	624628.3	4265612.16	5.13E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.38E-04	7.91E-04
284	624618.39	4265612.02	5.11E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.37E-04	7.89E-04
285	624608.48	4265611.88	5.08E-03	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.84E-04
286	624598.57	4265611.74	5.04E-03	1.73E-03	4.21E-03	1.30E-03	9.97E-04	3.32E-04	7.78E-04
287	624588.66	4265611.61	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04
288	624578.76	4265611.47	4.96E-03	1.70E-03	4.14E-03	1.28E-03	9.81E-04	3.27E-04	7.65E-04
289	624568.85	4265611.33	4.91E-03	1.69E-03	4.11E-03	1.26E-03	9.72E-04	3.24E-04	7.58E-04
290	624558.94	4265611.19	4.85E-03	1.67E-03	4.05E-03	1.25E-03	9.60E-04	3.19E-04	7.48E-04
291	624549.03	4265611.06	4.76E-03	1.64E-03	3.98E-03	1.23E-03	9.43E-04	3.14E-04	7.35E-04
292	624539.12	4265610.92	4.66E-03	1.60E-03	3.90E-03	1.20E-03	9.23E-04	3.07E-04	7.20E-04
293	624529.21	4265610.78	4.56E-03	1.57E-03	3.81E-03	1.17E-03	9.03E-04	3.01E-04	7.04E-04
294	624519.3	4265610.64	4.46E-03	1.53E-03	3.73E-03	1.15E-03	8.84E-04	2.94E-04	6.89E-04
295	624509.39	4265610.51	4.36E-03	1.50E-03	3.65E-03	1.12E-03	8.63E-04	2.87E-04	6.73E-04
296	624499.49	4265610.37	4.25E-03	1.46E-03	3.55E-03	1.09E-03	8.41E-04	2.80E-04	6.55E-04
297	624489.58	4265610.23	4.12E-03	1.42E-03	3.44E-03	1.06E-03	8.15E-04	2.71E-04	6.35E-04
298	624479.67	4265610.09	3.97E-03	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.13E-04
299	624469.76	4265609.96	3.83E-03	1.32E-03	3.20E-03	9.86E-04	7.58E-04	2.52E-04	5.91E-04
300	624459.85	4265609.82	3.69E-03	1.27E-03	3.08E-03	9.50E-04	7.30E-04	2.43E-04	5.69E-04
301	624449.94	4265609.68	3.54E-03	1.22E-03	2.96E-03	9.12E-04	7.01E-04	2.33E-04	5.46E-04
302	624440.03	4265609.54	3.38E-03	1.16E-03	2.82E-03	8.69E-04	6.68E-04	2.22E-04	5.21E-04
303	624430.12	4265609.41	3.19E-03	1.10E-03	2.66E-03	8.21E-04	6.31E-04	2.10E-04	4.92E-04
304	624420.21	4265609.27	2.98E-03	1.02E-03	2.49E-03	7.67E-04	5.89E-04	1.96E-04	4.59E-04
305	624410.31	4265609.13	2.77E-03	9.51E-04	2.31E-03	7.12E-04	5.47E-04	1.82E-04	4.27E-04
306	624400.4	4265609	2.57E-03	8.83E-04	2.15E-03	6.61E-04	5.08E-04	1.69E-04	3.96E-04
307	624390.49	4265608.86	2.39E-03	8.24E-04	2.00E-03	6.17E-04	4.74E-04	1.58E-04	3.70E-04
308	624880.98	4265615.94	3.44E-03	1.18E-03	2.87E-03	8.85E-04	6.80E-04	2.26E-04	5.30E-04

309	624897.4	4265623.03	3.22E-03	1.11E-03	2.69E-03	8.29E-04	6.37E-04	2.12E-04	4.97E-04
310	624908.9	4265634.88	3.11E-03	1.07E-03	2.60E-03	8.01E-04	6.16E-04	2.05E-04	4.80E-04
311	624915.49	4265651.52	3.10E-03	1.07E-03	2.59E-03	7.99E-04	6.14E-04	2.04E-04	4.79E-04
312	624918.78	4265659.83	3.09E-03	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.76E-04
313	624846.43	4265605.18	3.85E-03	1.32E-03	3.22E-03	9.90E-04	7.61E-04	2.53E-04	5.94E-04
314	624836.52	4265605.04	3.97E-03	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.13E-04
315	624826.61	4265604.9	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.08E-04	2.69E-04	6.30E-04
316	624816.71	4265604.77	4.17E-03	1.43E-03	3.48E-03	1.07E-03	8.25E-04	2.75E-04	6.43E-04
317	624806.8	4265604.63	4.24E-03	1.46E-03	3.54E-03	1.09E-03	8.39E-04	2.79E-04	6.54E-04
318	624796.89	4265604.49	4.30E-03	1.48E-03	3.60E-03	1.11E-03	8.51E-04	2.83E-04	6.64E-04
319	624786.98	4265604.35	4.36E-03	1.50E-03	3.64E-03	1.12E-03	8.63E-04	2.87E-04	6.73E-04
320	624777.07	4265604.22	4.41E-03	1.52E-03	3.69E-03	1.14E-03	8.73E-04	2.91E-04	6.81E-04
321	624767.16	4265604.08	4.46E-03	1.53E-03	3.72E-03	1.15E-03	8.82E-04	2.94E-04	6.88E-04
322	624757.25	4265603.94	4.49E-03	1.54E-03	3.75E-03	1.16E-03	8.89E-04	2.96E-04	6.93E-04
323	624747.34	4265603.81	4.52E-03	1.55E-03	3.77E-03	1.16E-03	8.94E-04	2.98E-04	6.97E-04
324	624737.43	4265603.67	4.54E-03	1.56E-03	3.80E-03	1.17E-03	8.99E-04	2.99E-04	7.01E-04
325	624727.53	4265603.53	4.57E-03	1.57E-03	3.82E-03	1.18E-03	9.04E-04	3.01E-04	7.05E-04
326	624717.62	4265603.39	4.60E-03	1.58E-03	3.85E-03	1.18E-03	9.11E-04	3.03E-04	7.10E-04
327	624707.71	4265603.26	4.64E-03	1.59E-03	3.88E-03	1.19E-03	9.18E-04	3.05E-04	7.15E-04
328	624697.8	4265603.12	4.67E-03	1.61E-03	3.90E-03	1.20E-03	9.24E-04	3.08E-04	7.20E-04
329	624687.89	4265602.98	4.69E-03	1.61E-03	3.92E-03	1.21E-03	9.29E-04	3.09E-04	7.24E-04
330	624677.98	4265602.84	4.71E-03	1.62E-03	3.94E-03	1.21E-03	9.32E-04	3.10E-04	7.27E-04
331	624668.07	4265602.71	4.72E-03	1.62E-03	3.95E-03	1.22E-03	9.35E-04	3.11E-04	7.29E-04
332	624658.16	4265602.57	4.74E-03	1.63E-03	3.96E-03	1.22E-03	9.38E-04	3.12E-04	7.31E-04
333	624648.26	4265602.43	4.75E-03	1.63E-03	3.97E-03	1.22E-03	9.40E-04	3.13E-04	7.33E-04
334	624638.35	4265602.29	4.76E-03	1.64E-03	3.97E-03	1.22E-03	9.41E-04	3.13E-04	7.34E-04
335	624628.44	4265602.16	4.75E-03	1.63E-03	3.97E-03	1.22E-03	9.40E-04	3.13E-04	7.33E-04
336	624618.53	4265602.02	4.73E-03	1.63E-03	3.95E-03	1.22E-03	9.37E-04	3.12E-04	7.30E-04
337	624608.62	4265601.88	4.70E-03	1.62E-03	3.93E-03	1.21E-03	9.31E-04	3.10E-04	7.25E-04
338	624598.71	4265601.74	4.67E-03	1.60E-03	3.90E-03	1.20E-03	9.23E-04	3.07E-04	7.20E-04
339	624588.8	4265601.61	4.63E-03	1.59E-03	3.87E-03	1.19E-03	9.16E-04	3.05E-04	7.14E-04
340	624578.89	4265601.47	4.58E-03	1.58E-03	3.83E-03	1.18E-03	9.07E-04	3.02E-04	7.07E-04
341	624568.99	4265601.33	4.53E-03	1.56E-03	3.79E-03	1.17E-03	8.96E-04	2.98E-04	6.99E-04
342	624559.08	4265601.19	4.46E-03	1.53E-03	3.73E-03	1.15E-03	8.83E-04	2.94E-04	6.89E-04
343	624549.17	4265601.06	4.38E-03	1.51E-03	3.66E-03	1.13E-03	8.68E-04	2.89E-04	6.76E-04
344	624539.26	4265600.92	4.30E-03	1.48E-03	3.59E-03	1.11E-03	8.50E-04	2.83E-04	6.63E-04
345	624529.35	4265600.78	4.21E-03	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.49E-04
346	624519.44	4265600.65	4.11E-03	1.41E-03	3.44E-03	1.06E-03	8.14E-04	2.71E-04	6.34E-04
347	624509.53	4265600.51	4.01E-03	1.38E-03	3.35E-03	1.03E-03	7.94E-04	2.64E-04	6.19E-04
348	624499.62	4265600.37	3.90E-03	1.34E-03	3.26E-03	1.00E-03	7.71E-04	2.57E-04	6.01E-04
349	624489.71	4265600.23	3.78E-03	1.30E-03	3.16E-03	9.72E-04	7.48E-04	2.49E-04	5.83E-04
350	624479.81	4265600.1	3.65E-03	1.26E-03	3.05E-03	9.40E-04	7.23E-04	2.41E-04	5.63E-04
351	624469.9	4265599.96	3.52E-03	1.21E-03	2.94E-03	9.07E-04	6.97E-04	2.32E-04	5.43E-04
352	624459.99	4265599.82	3.39E-03	1.17E-03	2.83E-03	8.72E-04	6.71E-04	2.23E-04	5.23E-04
353	624450.08	4265599.68	3.24E-03	1.12E-03	2.71E-03	8.35E-04	6.42E-04	2.14E-04	5.01E-04
354	624440.17	4265599.55	3.09E-03	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.76E-04
355	624430.26	4265599.41	2.91E-03	1.00E-03	2.44E-03	7.50E-04	5.77E-04	1.92E-04	4.50E-04
356	624420.35	4265599.27	2.74E-03	9.41E-04	2.29E-03	7.05E-04	5.42E-04	1.80E-04	4.22E-04
357	624410.44	4265599.13	2.56E-03	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.95E-04
358	624400.54	4265599	2.40E-03	8.25E-04	2.00E-03	6.18E-04	4.75E-04	1.58E-04	3.70E-04
359	624390.63	4265598.86	2.25E-03	7.74E-04	1.88E-03	5.80E-04	4.46E-04	1.48E-04	3.47E-04
360	624880.61	4265605.73	3.32E-03	1.14E-03	2.78E-03	8.55E-04	6.57E-04	2.19E-04	5.13E-04

361	624896.7	4265612.67	3.13E-03	1.08E-03	2.62E-03	8.07E-04	6.20E-04	2.07E-04	4.84E-04
362	624916.01	4265627.75	2.94E-03	1.01E-03	2.46E-03	7.58E-04	5.82E-04	1.94E-04	4.54E-04
363	624922.46	4265644.04	2.93E-03	1.01E-03	2.45E-03	7.56E-04	5.81E-04	1.93E-04	4.53E-04
364	624928.91	4265660.34	2.91E-03	9.99E-04	2.43E-03	7.48E-04	5.75E-04	1.91E-04	4.48E-04
365	624846.57	4265595.18	3.65E-03	1.26E-03	3.05E-03	9.40E-04	7.23E-04	2.41E-04	5.63E-04
366	624836.66	4265595.04	3.76E-03	1.29E-03	3.14E-03	9.68E-04	7.44E-04	2.48E-04	5.80E-04
367	624826.75	4265594.91	3.85E-03	1.32E-03	3.22E-03	9.91E-04	7.62E-04	2.54E-04	5.94E-04
368	624816.84	4265594.77	3.92E-03	1.35E-03	3.28E-03	1.01E-03	7.77E-04	2.59E-04	6.06E-04
369	624806.94	4265594.63	3.99E-03	1.37E-03	3.34E-03	1.03E-03	7.90E-04	2.63E-04	6.16E-04
370	624797.03	4265594.49	4.05E-03	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.25E-04
371	624787.12	4265594.36	4.10E-03	1.41E-03	3.43E-03	1.06E-03	8.12E-04	2.70E-04	6.33E-04
372	624777.21	4265594.22	4.14E-03	1.43E-03	3.46E-03	1.07E-03	8.20E-04	2.73E-04	6.40E-04
373	624767.3	4265594.08	4.18E-03	1.44E-03	3.49E-03	1.08E-03	8.27E-04	2.75E-04	6.45E-04
374	624757.39	4265593.94	4.21E-03	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.50E-04
375	624747.48	4265593.81	4.24E-03	1.46E-03	3.54E-03	1.09E-03	8.38E-04	2.79E-04	6.54E-04
376	624737.57	4265593.67	4.26E-03	1.47E-03	3.56E-03	1.10E-03	8.44E-04	2.81E-04	6.58E-04
377	624727.66	4265593.53	4.29E-03	1.48E-03	3.59E-03	1.11E-03	8.50E-04	2.83E-04	6.62E-04
378	624717.76	4265593.39	4.32E-03	1.49E-03	3.61E-03	1.11E-03	8.56E-04	2.85E-04	6.67E-04
379	624707.85	4265593.26	4.35E-03	1.50E-03	3.64E-03	1.12E-03	8.61E-04	2.87E-04	6.71E-04
380	624697.94	4265593.12	4.37E-03	1.50E-03	3.65E-03	1.13E-03	8.65E-04	2.88E-04	6.75E-04
381	624688.03	4265592.98	4.39E-03	1.51E-03	3.67E-03	1.13E-03	8.69E-04	2.89E-04	6.78E-04
382	624678.12	4265592.84	4.41E-03	1.52E-03	3.68E-03	1.13E-03	8.72E-04	2.90E-04	6.80E-04
383	624668.21	4265592.71	4.42E-03	1.52E-03	3.70E-03	1.14E-03	8.75E-04	2.91E-04	6.82E-04
384	624658.3	4265592.57	4.43E-03	1.52E-03	3.70E-03	1.14E-03	8.77E-04	2.92E-04	6.84E-04
385	624648.39	4265592.43	4.44E-03	1.53E-03	3.71E-03	1.14E-03	8.78E-04	2.92E-04	6.85E-04
386	624638.49	4265592.29	4.43E-03	1.52E-03	3.71E-03	1.14E-03	8.78E-04	2.92E-04	6.84E-04
387	624628.58	4265592.16	4.42E-03	1.52E-03	3.70E-03	1.14E-03	8.75E-04	2.91E-04	6.82E-04
388	624618.67	4265592.02	4.40E-03	1.51E-03	3.68E-03	1.13E-03	8.71E-04	2.90E-04	6.79E-04
389	624608.76	4265591.88	4.37E-03	1.50E-03	3.65E-03	1.13E-03	8.65E-04	2.88E-04	6.74E-04
390	624598.85	4265591.75	4.34E-03	1.49E-03	3.63E-03	1.12E-03	8.59E-04	2.86E-04	6.69E-04
391	624588.94	4265591.61	4.30E-03	1.48E-03	3.59E-03	1.11E-03	8.51E-04	2.83E-04	6.63E-04
392	624579.03	4265591.47	4.25E-03	1.46E-03	3.55E-03	1.09E-03	8.42E-04	2.80E-04	6.56E-04
393	624569.12	4265591.33	4.20E-03	1.44E-03	3.51E-03	1.08E-03	8.30E-04	2.76E-04	6.47E-04
394	624559.22	4265591.2	4.13E-03	1.42E-03	3.45E-03	1.06E-03	8.17E-04	2.72E-04	6.37E-04
395	624549.31	4265591.06	4.06E-03	1.39E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04
396	624539.4	4265590.92	3.98E-03	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.14E-04
397	624529.49	4265590.78	3.89E-03	1.34E-03	3.25E-03	1.00E-03	7.71E-04	2.56E-04	6.01E-04
398	624519.58	4265590.65	3.80E-03	1.31E-03	3.18E-03	9.79E-04	7.53E-04	2.51E-04	5.87E-04
399	624509.67	4265590.51	3.70E-03	1.27E-03	3.10E-03	9.53E-04	7.33E-04	2.44E-04	5.71E-04
400	624499.76	4265590.37	3.60E-03	1.24E-03	3.01E-03	9.26E-04	7.12E-04	2.37E-04	5.55E-04
401	624489.85	4265590.23	3.49E-03	1.20E-03	2.91E-03	8.97E-04	6.90E-04	2.30E-04	5.38E-04
402	624479.94	4265590.1	3.37E-03	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04
403	624470.04	4265589.96	3.25E-03	1.12E-03	2.72E-03	8.37E-04	6.44E-04	2.14E-04	5.02E-04
404	624460.13	4265589.82	3.13E-03	1.07E-03	2.61E-03	8.05E-04	6.19E-04	2.06E-04	4.82E-04
405	624450.22	4265589.68	2.99E-03	1.03E-03	2.50E-03	7.70E-04	5.92E-04	1.97E-04	4.61E-04
406	624440.31	4265589.55	2.84E-03	9.77E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04
407	624430.4	4265589.41	2.69E-03	9.25E-04	2.25E-03	6.93E-04	5.32E-04	1.77E-04	4.15E-04
408	624420.49	4265589.27	2.54E-03	8.72E-04	2.12E-03	6.53E-04	5.02E-04	1.67E-04	3.91E-04
409	624410.58	4265589.13	2.39E-03	8.22E-04	2.00E-03	6.15E-04	4.73E-04	1.57E-04	3.69E-04
410	624400.67	4265589	2.25E-03	7.74E-04	1.88E-03	5.80E-04	4.46E-04	1.48E-04	3.47E-04
411	624390.77	4265588.86	2.13E-03	7.31E-04	1.78E-03	5.47E-04	4.21E-04	1.40E-04	3.28E-04
412	624874.72	4265593.13	3.25E-03	1.12E-03	2.72E-03	8.38E-04	6.44E-04	2.14E-04	5.02E-04

413	624883.77	4265597.03	3.17E-03	1.09E-03	2.65E-03	8.17E-04	6.28E-04	2.09E-04	4.90E-04
414	624892.82	4265600.93	3.08E-03	1.06E-03	2.58E-03	7.94E-04	6.10E-04	2.03E-04	4.76E-04
415	624901.87	4265604.84	2.99E-03	1.03E-03	2.50E-03	7.69E-04	5.91E-04	1.97E-04	4.61E-04
416	624910.92	4265608.74	2.89E-03	9.92E-04	2.41E-03	7.43E-04	5.71E-04	1.90E-04	4.45E-04
417	624923.59	4265621.81	2.79E-03	9.59E-04	2.33E-03	7.18E-04	5.52E-04	1.84E-04	4.30E-04
418	624927.22	4265630.97	2.79E-03	9.59E-04	2.33E-03	7.18E-04	5.52E-04	1.84E-04	4.30E-04
419	624930.85	4265640.14	2.78E-03	9.56E-04	2.32E-03	7.16E-04	5.50E-04	1.83E-04	4.29E-04
420	624934.48	4265649.3	2.77E-03	9.51E-04	2.31E-03	7.12E-04	5.47E-04	1.82E-04	4.27E-04
421	624938.1	4265658.46	2.75E-03	9.44E-04	2.29E-03	7.07E-04	5.43E-04	1.81E-04	4.24E-04
422	624941.73	4265667.63	2.72E-03	9.36E-04	2.27E-03	7.00E-04	5.39E-04	1.79E-04	4.20E-04
423	624846.71	4265585.18	3.47E-03	1.19E-03	2.90E-03	8.94E-04	6.88E-04	2.29E-04	5.36E-04
424	624836.8	4265585.04	3.56E-03	1.23E-03	2.98E-03	9.18E-04	7.05E-04	2.35E-04	5.50E-04
425	624826.89	4265584.91	3.64E-03	1.25E-03	3.04E-03	9.38E-04	7.21E-04	2.40E-04	5.62E-04
426	624816.98	4265584.77	3.71E-03	1.28E-03	3.10E-03	9.55E-04	7.34E-04	2.44E-04	5.72E-04
427	624807.07	4265584.63	3.77E-03	1.30E-03	3.15E-03	9.71E-04	7.46E-04	2.48E-04	5.82E-04
428	624797.17	4265584.49	3.82E-03	1.31E-03	3.20E-03	9.84E-04	7.57E-04	2.52E-04	5.90E-04
429	624787.26	4265584.36	3.87E-03	1.33E-03	3.23E-03	9.96E-04	7.66E-04	2.55E-04	5.97E-04
430	624777.35	4265584.22	3.91E-03	1.34E-03	3.27E-03	1.01E-03	7.73E-04	2.57E-04	6.03E-04
431	624767.44	4265584.08	3.94E-03	1.35E-03	3.29E-03	1.01E-03	7.79E-04	2.59E-04	6.08E-04
432	624757.53	4265583.94	3.96E-03	1.36E-03	3.31E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04
433	624747.62	4265583.81	3.99E-03	1.37E-03	3.33E-03	1.03E-03	7.90E-04	2.63E-04	6.16E-04
434	624737.71	4265583.67	4.02E-03	1.38E-03	3.36E-03	1.03E-03	7.95E-04	2.65E-04	6.20E-04
435	624727.8	4265583.53	4.05E-03	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.24E-04
436	624717.89	4265583.4	4.07E-03	1.40E-03	3.40E-03	1.05E-03	8.06E-04	2.68E-04	6.28E-04
437	624707.99	4265583.26	4.09E-03	1.41E-03	3.42E-03	1.05E-03	8.10E-04	2.70E-04	6.31E-04
438	624698.08	4265583.12	4.11E-03	1.41E-03	3.43E-03	1.06E-03	8.13E-04	2.71E-04	6.34E-04
439	624688.17	4265582.98	4.12E-03	1.42E-03	3.45E-03	1.06E-03	8.16E-04	2.72E-04	6.36E-04
440	624678.26	4265582.85	4.14E-03	1.42E-03	3.46E-03	1.07E-03	8.19E-04	2.73E-04	6.38E-04
441	624668.35	4265582.71	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.21E-04	2.73E-04	6.40E-04
442	624658.44	4265582.57	4.16E-03	1.43E-03	3.47E-03	1.07E-03	8.23E-04	2.74E-04	6.41E-04
443	624648.53	4265582.43	4.16E-03	1.43E-03	3.47E-03	1.07E-03	8.23E-04	2.74E-04	6.41E-04
444	624638.62	4265582.3	4.15E-03	1.43E-03	3.47E-03	1.07E-03	8.21E-04	2.73E-04	6.40E-04
445	624628.72	4265582.16	4.13E-03	1.42E-03	3.45E-03	1.06E-03	8.18E-04	2.72E-04	6.37E-04
446	624618.81	4265582.02	4.11E-03	1.41E-03	3.43E-03	1.06E-03	8.13E-04	2.71E-04	6.34E-04
447	624608.9	4265581.88	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04
448	624598.99	4265581.75	4.05E-03	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.24E-04
449	624589.08	4265581.61	4.01E-03	1.38E-03	3.35E-03	1.03E-03	7.93E-04	2.64E-04	6.18E-04
450	624579.17	4265581.47	3.96E-03	1.36E-03	3.31E-03	1.02E-03	7.84E-04	2.61E-04	6.11E-04
451	624569.26	4265581.33	3.90E-03	1.34E-03	3.26E-03	1.00E-03	7.72E-04	2.57E-04	6.02E-04
452	624559.35	4265581.2	3.84E-03	1.32E-03	3.21E-03	9.88E-04	7.60E-04	2.53E-04	5.92E-04
453	624549.45	4265581.06	3.77E-03	1.30E-03	3.15E-03	9.70E-04	7.46E-04	2.48E-04	5.82E-04
454	624539.54	4265580.92	3.70E-03	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.70E-04
455	624529.63	4265580.78	3.62E-03	1.24E-03	3.02E-03	9.31E-04	7.16E-04	2.38E-04	5.58E-04
456	624519.72	4265580.65	3.53E-03	1.21E-03	2.95E-03	9.09E-04	6.99E-04	2.33E-04	5.45E-04
457	624509.81	4265580.51	3.44E-03	1.18E-03	2.87E-03	8.85E-04	6.80E-04	2.26E-04	5.30E-04
458	624499.9	4265580.37	3.34E-03	1.15E-03	2.79E-03	8.59E-04	6.60E-04	2.20E-04	5.15E-04
459	624489.99	4265580.23	3.23E-03	1.11E-03	2.70E-03	8.32E-04	6.40E-04	2.13E-04	4.99E-04
460	624480.08	4265580.1	3.13E-03	1.08E-03	2.61E-03	8.05E-04	6.19E-04	2.06E-04	4.82E-04
461	624470.17	4265579.96	3.02E-03	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04
462	624460.27	4265579.82	2.90E-03	9.96E-04	2.42E-03	7.46E-04	5.73E-04	1.91E-04	4.47E-04
463	624450.36	4265579.69	2.77E-03	9.52E-04	2.32E-03	7.13E-04	5.48E-04	1.82E-04	4.27E-04
464	624440.45	4265579.55	2.64E-03	9.06E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04

465	624430.54	4265579.41	2.50E-03	8.60E-04	2.09E-03	6.44E-04	4.95E-04	1.65E-04	3.86E-04
466	624420.63	4265579.27	2.37E-03	8.14E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.65E-04
467	624410.72	4265579.14	2.24E-03	7.71E-04	1.87E-03	5.77E-04	4.44E-04	1.48E-04	3.46E-04
468	624400.81	4265579	2.12E-03	7.30E-04	1.78E-03	5.47E-04	4.20E-04	1.40E-04	3.28E-04
469	624390.9	4265578.86	2.01E-03	6.93E-04	1.68E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04
470	624381	4265578.72	1.91E-03	6.58E-04	1.60E-03	4.93E-04	3.79E-04	1.26E-04	2.95E-04
471	624371.09	4265578.59	1.82E-03	6.27E-04	1.52E-03	4.70E-04	3.61E-04	1.20E-04	2.81E-04
472	624361.18	4265578.45	1.74E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04
473	624874.35	4265582.91	3.13E-03	1.08E-03	2.62E-03	8.07E-04	6.20E-04	2.06E-04	4.83E-04
474	624883.15	4265586.7	3.07E-03	1.06E-03	2.57E-03	7.90E-04	6.07E-04	2.02E-04	4.74E-04
475	624891.95	4265590.5	2.99E-03	1.03E-03	2.50E-03	7.71E-04	5.93E-04	1.97E-04	4.62E-04
476	624900.75	4265594.29	2.91E-03	1.00E-03	2.43E-03	7.50E-04	5.76E-04	1.92E-04	4.49E-04
477	624909.55	4265598.09	2.82E-03	9.71E-04	2.36E-03	7.27E-04	5.59E-04	1.86E-04	4.36E-04
478	624918.35	4265601.88	2.74E-03	9.41E-04	2.29E-03	7.04E-04	5.41E-04	1.80E-04	4.22E-04
479	624930.67	4265614.59	2.65E-03	9.11E-04	2.21E-03	6.82E-04	5.24E-04	1.75E-04	4.09E-04
480	624934.2	4265623.5	2.65E-03	9.11E-04	2.21E-03	6.82E-04	5.24E-04	1.74E-04	4.09E-04
481	624937.72	4265632.41	2.64E-03	9.08E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.08E-04
482	624941.25	4265641.32	2.63E-03	9.04E-04	2.20E-03	6.77E-04	5.21E-04	1.73E-04	4.06E-04
483	624944.78	4265650.23	2.61E-03	8.99E-04	2.18E-03	6.73E-04	5.17E-04	1.72E-04	4.03E-04
484	624948.3	4265659.14	2.59E-03	8.92E-04	2.17E-03	6.68E-04	5.13E-04	1.71E-04	4.00E-04
485	624951.83	4265668.05	2.57E-03	8.83E-04	2.15E-03	6.61E-04	5.08E-04	1.69E-04	3.96E-04
486	624846.85	4265575.18	3.31E-03	1.14E-03	2.77E-03	8.52E-04	6.55E-04	2.18E-04	5.11E-04
487	624836.94	4265575.04	3.39E-03	1.17E-03	2.83E-03	8.72E-04	6.71E-04	2.23E-04	5.23E-04
488	624827.03	4265574.91	3.46E-03	1.19E-03	2.89E-03	8.90E-04	6.84E-04	2.28E-04	5.33E-04
489	624817.12	4265574.77	3.52E-03	1.21E-03	2.94E-03	9.06E-04	6.96E-04	2.32E-04	5.43E-04
490	624807.21	4265574.63	3.57E-03	1.23E-03	2.99E-03	9.20E-04	7.07E-04	2.35E-04	5.51E-04
491	624797.3	4265574.5	3.62E-03	1.24E-03	3.03E-03	9.32E-04	7.17E-04	2.39E-04	5.59E-04
492	624787.39	4265574.36	3.66E-03	1.26E-03	3.06E-03	9.42E-04	7.25E-04	2.41E-04	5.65E-04
493	624777.49	4265574.22	3.69E-03	1.27E-03	3.09E-03	9.51E-04	7.31E-04	2.43E-04	5.70E-04
494	624767.58	4265574.08	3.72E-03	1.28E-03	3.11E-03	9.58E-04	7.37E-04	2.45E-04	5.74E-04
495	624757.67	4265573.95	3.75E-03	1.29E-03	3.13E-03	9.64E-04	7.41E-04	2.47E-04	5.78E-04
496	624747.76	4265573.81	3.77E-03	1.30E-03	3.15E-03	9.71E-04	7.46E-04	2.48E-04	5.82E-04
497	624737.85	4265573.67	3.80E-03	1.31E-03	3.17E-03	9.77E-04	7.51E-04	2.50E-04	5.86E-04
498	624727.94	4265573.53	3.82E-03	1.31E-03	3.19E-03	9.84E-04	7.56E-04	2.52E-04	5.90E-04
499	624718.03	4265573.4	3.84E-03	1.32E-03	3.21E-03	9.89E-04	7.61E-04	2.53E-04	5.93E-04
500	624708.12	4265573.26	3.86E-03	1.33E-03	3.23E-03	9.94E-04	7.64E-04	2.54E-04	5.96E-04
501	624698.22	4265573.12	3.87E-03	1.33E-03	3.24E-03	9.97E-04	7.67E-04	2.55E-04	5.98E-04
502	624688.31	4265572.98	3.88E-03	1.34E-03	3.25E-03	1.00E-03	7.69E-04	2.56E-04	5.99E-04
503	624678.4	4265572.85	3.90E-03	1.34E-03	3.26E-03	1.00E-03	7.71E-04	2.57E-04	6.01E-04
504	624668.49	4265572.71	3.90E-03	1.34E-03	3.26E-03	1.01E-03	7.73E-04	2.57E-04	6.02E-04
505	624658.58	4265572.57	3.91E-03	1.34E-03	3.27E-03	1.01E-03	7.73E-04	2.57E-04	6.03E-04
506	624648.67	4265572.43	3.90E-03	1.34E-03	3.26E-03	1.01E-03	7.73E-04	2.57E-04	6.02E-04
507	624638.76	4265572.3	3.89E-03	1.34E-03	3.25E-03	1.00E-03	7.70E-04	2.56E-04	6.01E-04
508	624628.85	4265572.16	3.87E-03	1.33E-03	3.24E-03	9.97E-04	7.67E-04	2.55E-04	5.98E-04
509	624618.95	4265572.02	3.85E-03	1.32E-03	3.22E-03	9.90E-04	7.61E-04	2.53E-04	5.94E-04
510	624609.04	4265571.88	3.82E-03	1.31E-03	3.19E-03	9.83E-04	7.56E-04	2.52E-04	5.89E-04
511	624599.13	4265571.75	3.79E-03	1.30E-03	3.16E-03	9.75E-04	7.49E-04	2.49E-04	5.84E-04
512	624589.22	4265571.61	3.75E-03	1.29E-03	3.13E-03	9.65E-04	7.42E-04	2.47E-04	5.78E-04
513	624579.31	4265571.47	3.70E-03	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.71E-04
514	624569.4	4265571.34	3.64E-03	1.25E-03	3.05E-03	9.38E-04	7.21E-04	2.40E-04	5.62E-04
515	624559.49	4265571.2	3.58E-03	1.23E-03	2.99E-03	9.22E-04	7.09E-04	2.36E-04	5.53E-04
516	624549.58	4265571.06	3.52E-03	1.21E-03	2.94E-03	9.05E-04	6.96E-04	2.32E-04	5.42E-04

517	624539.67	4265570.92	3.45E-03	1.19E-03	2.88E-03	8.87E-04	6.82E-04	2.27E-04	5.32E-04
518	624529.77	4265570.79	3.37E-03	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04
519	624519.86	4265570.65	3.29E-03	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.07E-04
520	624509.95	4265570.51	3.20E-03	1.10E-03	2.67E-03	8.24E-04	6.33E-04	2.11E-04	4.94E-04
521	624500.04	4265570.37	3.11E-03	1.07E-03	2.60E-03	7.99E-04	6.15E-04	2.05E-04	4.79E-04
522	624490.13	4265570.24	3.01E-03	1.03E-03	2.52E-03	7.75E-04	5.96E-04	1.98E-04	4.64E-04
523	624480.22	4265570.1	2.91E-03	1.00E-03	2.43E-03	7.49E-04	5.76E-04	1.92E-04	4.49E-04
524	624470.31	4265569.96	2.81E-03	9.65E-04	2.35E-03	7.23E-04	5.56E-04	1.85E-04	4.33E-04
525	624460.4	4265569.82	2.70E-03	9.27E-04	2.25E-03	6.94E-04	5.34E-04	1.78E-04	4.16E-04
526	624450.5	4265569.69	2.58E-03	8.87E-04	2.16E-03	6.64E-04	5.11E-04	1.70E-04	3.98E-04
527	624440.59	4265569.55	2.46E-03	8.45E-04	2.06E-03	6.33E-04	4.87E-04	1.62E-04	3.79E-04
528	624430.68	4265569.41	2.34E-03	8.04E-04	1.95E-03	6.02E-04	4.63E-04	1.54E-04	3.61E-04
529	624420.77	4265569.27	2.22E-03	7.64E-04	1.86E-03	5.72E-04	4.40E-04	1.46E-04	3.43E-04
530	624410.86	4265569.14	2.11E-03	7.27E-04	1.77E-03	5.44E-04	4.18E-04	1.39E-04	3.26E-04
531	624400.95	4265569	2.01E-03	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.10E-04
532	624391.04	4265568.86	1.91E-03	6.58E-04	1.60E-03	4.93E-04	3.79E-04	1.26E-04	2.95E-04
533	624381.13	4265568.72	1.83E-03	6.28E-04	1.53E-03	4.70E-04	3.61E-04	1.20E-04	2.82E-04
534	624371.23	4265568.59	1.74E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04
535	624361.32	4265568.45	1.67E-03	5.75E-04	1.40E-03	4.30E-04	3.31E-04	1.10E-04	2.58E-04
536	624874.7	4265557.91	2.84E-03	9.78E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04
537	624883.5	4265561.71	2.81E-03	9.65E-04	2.34E-03	7.22E-04	5.55E-04	1.85E-04	4.33E-04
538	624892.3	4265565.5	2.76E-03	9.48E-04	2.30E-03	7.10E-04	5.46E-04	1.82E-04	4.25E-04
539	624901.1	4265569.3	2.70E-03	9.28E-04	2.26E-03	6.95E-04	5.34E-04	1.78E-04	4.16E-04
540	624909.89	4265573.09	2.63E-03	9.06E-04	2.20E-03	6.78E-04	5.21E-04	1.74E-04	4.06E-04
541	624918.69	4265576.89	2.57E-03	8.82E-04	2.14E-03	6.60E-04	5.08E-04	1.69E-04	3.96E-04
542	624927.49	4265580.68	2.49E-03	8.57E-04	2.08E-03	6.42E-04	4.94E-04	1.64E-04	3.85E-04
543	624936.29	4265584.48	2.42E-03	8.32E-04	2.02E-03	6.23E-04	4.79E-04	1.59E-04	3.73E-04
544	624948.61	4265597.18	2.35E-03	8.07E-04	1.96E-03	6.04E-04	4.65E-04	1.55E-04	3.62E-04
545	624952.14	4265606.09	2.35E-03	8.07E-04	1.96E-03	6.04E-04	4.64E-04	1.55E-04	3.62E-04
546	624955.67	4265615	2.34E-03	8.05E-04	1.96E-03	6.03E-04	4.63E-04	1.54E-04	3.61E-04
547	624959.19	4265623.91	2.33E-03	8.02E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04
548	624962.72	4265632.82	2.32E-03	7.98E-04	1.94E-03	5.97E-04	4.59E-04	1.53E-04	3.58E-04
549	624966.25	4265641.73	2.30E-03	7.93E-04	1.93E-03	5.93E-04	4.56E-04	1.52E-04	3.56E-04
550	624969.77	4265650.64	2.29E-03	7.86E-04	1.91E-03	5.88E-04	4.52E-04	1.51E-04	3.53E-04
551	624973.3	4265659.55	2.26E-03	7.78E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04
552	624976.83	4265668.46	2.24E-03	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04
553	624847.19	4265550.18	2.96E-03	1.02E-03	2.47E-03	7.61E-04	5.85E-04	1.95E-04	4.56E-04
554	624837.29	4265550.05	3.01E-03	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04
555	624827.38	4265549.91	3.07E-03	1.05E-03	2.56E-03	7.89E-04	6.07E-04	2.02E-04	4.73E-04
556	624817.47	4265549.77	3.11E-03	1.07E-03	2.60E-03	8.01E-04	6.16E-04	2.05E-04	4.80E-04
557	624807.56	4265549.64	3.15E-03	1.08E-03	2.64E-03	8.12E-04	6.24E-04	2.08E-04	4.87E-04
558	624797.65	4265549.5	3.19E-03	1.10E-03	2.67E-03	8.22E-04	6.32E-04	2.10E-04	4.93E-04
559	624787.74	4265549.36	3.22E-03	1.11E-03	2.69E-03	8.30E-04	6.38E-04	2.12E-04	4.97E-04
560	624777.83	4265549.22	3.25E-03	1.12E-03	2.72E-03	8.37E-04	6.43E-04	2.14E-04	5.01E-04
561	624767.92	4265549.09	3.27E-03	1.12E-03	2.73E-03	8.42E-04	6.47E-04	2.15E-04	5.05E-04
562	624758.02	4265548.95	3.29E-03	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.08E-04
563	624748.11	4265548.81	3.31E-03	1.14E-03	2.76E-03	8.52E-04	6.55E-04	2.18E-04	5.10E-04
564	624738.2	4265548.67	3.33E-03	1.14E-03	2.78E-03	8.56E-04	6.58E-04	2.19E-04	5.13E-04
565	624728.29	4265548.54	3.34E-03	1.15E-03	2.79E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04
566	624718.38	4265548.4	3.36E-03	1.15E-03	2.81E-03	8.64E-04	6.65E-04	2.21E-04	5.18E-04
567	624708.47	4265548.26	3.37E-03	1.16E-03	2.81E-03	8.67E-04	6.66E-04	2.22E-04	5.20E-04
568	624698.56	4265548.12	3.37E-03	1.16E-03	2.82E-03	8.69E-04	6.68E-04	2.22E-04	5.21E-04

569	624688.65	4265547.99	3.38E-03	1.16E-03	2.82E-03	8.70E-04	6.69E-04	2.23E-04	5.21E-04
570	624678.74	4265547.85	3.38E-03	1.16E-03	2.83E-03	8.71E-04	6.69E-04	2.23E-04	5.22E-04
571	624668.84	4265547.71	3.38E-03	1.16E-03	2.83E-03	8.71E-04	6.70E-04	2.23E-04	5.22E-04
572	624658.93	4265547.57	3.38E-03	1.16E-03	2.83E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04
573	624649.02	4265547.44	3.37E-03	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04
574	624639.11	4265547.3	3.35E-03	1.15E-03	2.80E-03	8.64E-04	6.64E-04	2.21E-04	5.18E-04
575	624629.2	4265547.16	3.33E-03	1.15E-03	2.79E-03	8.58E-04	6.60E-04	2.20E-04	5.14E-04
576	624619.29	4265547.02	3.31E-03	1.14E-03	2.76E-03	8.51E-04	6.54E-04	2.18E-04	5.10E-04
577	624609.38	4265546.89	3.28E-03	1.13E-03	2.74E-03	8.43E-04	6.48E-04	2.16E-04	5.06E-04
578	624599.47	4265546.75	3.24E-03	1.11E-03	2.71E-03	8.35E-04	6.42E-04	2.14E-04	5.00E-04
579	624589.57	4265546.61	3.20E-03	1.10E-03	2.68E-03	8.25E-04	6.34E-04	2.11E-04	4.94E-04
580	624579.66	4265546.47	3.16E-03	1.09E-03	2.64E-03	8.13E-04	6.25E-04	2.08E-04	4.87E-04
581	624569.75	4265546.34	3.11E-03	1.07E-03	2.60E-03	8.00E-04	6.15E-04	2.05E-04	4.79E-04
582	624559.84	4265546.2	3.05E-03	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04
583	624549.93	4265546.06	2.99E-03	1.03E-03	2.50E-03	7.70E-04	5.92E-04	1.97E-04	4.62E-04
584	624540.02	4265545.93	2.93E-03	1.01E-03	2.45E-03	7.54E-04	5.80E-04	1.93E-04	4.52E-04
585	624530.11	4265545.79	2.86E-03	9.85E-04	2.39E-03	7.37E-04	5.67E-04	1.89E-04	4.42E-04
586	624520.2	4265545.65	2.79E-03	9.60E-04	2.33E-03	7.19E-04	5.53E-04	1.84E-04	4.31E-04
587	624510.3	4265545.51	2.72E-03	9.34E-04	2.27E-03	6.99E-04	5.38E-04	1.79E-04	4.19E-04
588	624500.39	4265545.38	2.64E-03	9.06E-04	2.20E-03	6.78E-04	5.22E-04	1.74E-04	4.07E-04
589	624490.48	4265545.24	2.55E-03	8.78E-04	2.13E-03	6.57E-04	5.05E-04	1.68E-04	3.94E-04
590	624480.57	4265545.1	2.47E-03	8.49E-04	2.06E-03	6.36E-04	4.89E-04	1.63E-04	3.81E-04
591	624470.66	4265544.96	2.38E-03	8.19E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04
592	624460.75	4265544.83	2.29E-03	7.89E-04	1.92E-03	5.90E-04	4.54E-04	1.51E-04	3.54E-04
593	624450.84	4265544.69	2.20E-03	7.57E-04	1.84E-03	5.67E-04	4.36E-04	1.45E-04	3.40E-04
594	624440.93	4265544.55	2.11E-03	7.25E-04	1.76E-03	5.43E-04	4.17E-04	1.39E-04	3.25E-04
595	624431.02	4265544.41	2.02E-03	6.94E-04	1.69E-03	5.20E-04	3.99E-04	1.33E-04	3.11E-04
596	624421.12	4265544.28	1.93E-03	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.98E-04
597	624411.21	4265544.14	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04
598	624401.3	4265544	1.78E-03	6.11E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.74E-04
599	624391.39	4265543.86	1.71E-03	5.86E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04
600	624381.48	4265543.73	1.64E-03	5.63E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.53E-04
601	624371.57	4265543.59	1.57E-03	5.41E-04	1.31E-03	4.05E-04	3.11E-04	1.04E-04	2.43E-04
602	624361.66	4265543.45	1.51E-03	5.20E-04	1.26E-03	3.90E-04	3.00E-04	9.97E-05	2.33E-04
603	624866.25	4265529.12	2.61E-03	8.97E-04	2.18E-03	6.71E-04	5.16E-04	1.72E-04	4.02E-04
604	624875.05	4265532.91	2.59E-03	8.91E-04	2.17E-03	6.67E-04	5.13E-04	1.71E-04	4.00E-04
605	624883.85	4265536.71	2.57E-03	8.83E-04	2.15E-03	6.61E-04	5.08E-04	1.69E-04	3.96E-04
606	624892.64	4265540.5	2.54E-03	8.72E-04	2.12E-03	6.53E-04	5.02E-04	1.67E-04	3.91E-04
607	624901.44	4265544.3	2.50E-03	8.58E-04	2.09E-03	6.43E-04	4.94E-04	1.64E-04	3.85E-04
608	624910.24	4265548.09	2.45E-03	8.43E-04	2.05E-03	6.31E-04	4.85E-04	1.61E-04	3.78E-04
609	624919.04	4265551.89	2.40E-03	8.25E-04	2.01E-03	6.18E-04	4.75E-04	1.58E-04	3.70E-04
610	624927.84	4265555.68	2.34E-03	8.06E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.62E-04
611	624936.64	4265559.48	2.28E-03	7.86E-04	1.91E-03	5.88E-04	4.52E-04	1.51E-04	3.53E-04
612	624945.44	4265563.27	2.22E-03	7.65E-04	1.86E-03	5.73E-04	4.40E-04	1.47E-04	3.43E-04
613	624954.23	4265567.07	2.16E-03	7.43E-04	1.81E-03	5.56E-04	4.28E-04	1.42E-04	3.33E-04
614	624966.56	4265579.77	2.10E-03	7.22E-04	1.75E-03	5.41E-04	4.16E-04	1.38E-04	3.24E-04
615	624970.09	4265588.68	2.10E-03	7.22E-04	1.75E-03	5.40E-04	4.15E-04	1.38E-04	3.24E-04
616	624973.61	4265597.59	2.09E-03	7.20E-04	1.75E-03	5.39E-04	4.15E-04	1.38E-04	3.23E-04
617	624977.14	4265606.5	2.09E-03	7.18E-04	1.74E-03	5.37E-04	4.13E-04	1.38E-04	3.22E-04
618	624980.66	4265615.41	2.08E-03	7.14E-04	1.74E-03	5.35E-04	4.11E-04	1.37E-04	3.21E-04
619	624984.19	4265624.32	2.07E-03	7.10E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04
620	624987.72	4265633.23	2.05E-03	7.05E-04	1.71E-03	5.28E-04	4.06E-04	1.35E-04	3.16E-04

621	624991.24	4265642.14	2.03E-03	6.99E-04	1.70E-03	5.23E-04	4.02E-04	1.34E-04	3.14E-04
622	624994.77	4265651.05	2.01E-03	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.10E-04
623	624998.3	4265659.96	1.99E-03	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04
624	625001.82	4265668.87	1.96E-03	6.75E-04	1.64E-03	5.06E-04	3.89E-04	1.29E-04	3.03E-04
625	624857.45	4265525.32	2.62E-03	9.00E-04	2.19E-03	6.74E-04	5.18E-04	1.72E-04	4.04E-04
626	624847.54	4265525.19	2.67E-03	9.17E-04	2.23E-03	6.86E-04	5.28E-04	1.76E-04	4.11E-04
627	624837.63	4265525.05	2.71E-03	9.32E-04	2.26E-03	6.98E-04	5.36E-04	1.79E-04	4.18E-04
628	624827.72	4265524.91	2.75E-03	9.45E-04	2.30E-03	7.08E-04	5.44E-04	1.81E-04	4.24E-04
629	624817.81	4265524.77	2.79E-03	9.58E-04	2.33E-03	7.17E-04	5.51E-04	1.84E-04	4.30E-04
630	624807.91	4265524.64	2.82E-03	9.70E-04	2.36E-03	7.26E-04	5.58E-04	1.86E-04	4.35E-04
631	624798	4265524.5	2.85E-03	9.80E-04	2.38E-03	7.33E-04	5.64E-04	1.88E-04	4.40E-04
632	624788.09	4265524.36	2.87E-03	9.88E-04	2.40E-03	7.40E-04	5.69E-04	1.89E-04	4.43E-04
633	624778.18	4265524.23	2.89E-03	9.95E-04	2.42E-03	7.45E-04	5.73E-04	1.91E-04	4.47E-04
634	624768.27	4265524.09	2.91E-03	1.00E-03	2.43E-03	7.49E-04	5.76E-04	1.92E-04	4.49E-04
635	624758.36	4265523.95	2.92E-03	1.01E-03	2.44E-03	7.53E-04	5.79E-04	1.93E-04	4.51E-04
636	624748.45	4265523.81	2.94E-03	1.01E-03	2.45E-03	7.56E-04	5.81E-04	1.93E-04	4.53E-04
637	624738.54	4265523.68	2.95E-03	1.01E-03	2.46E-03	7.59E-04	5.84E-04	1.94E-04	4.55E-04
638	624728.64	4265523.54	2.96E-03	1.02E-03	2.47E-03	7.62E-04	5.86E-04	1.95E-04	4.57E-04
639	624718.73	4265523.4	2.97E-03	1.02E-03	2.48E-03	7.64E-04	5.87E-04	1.95E-04	4.58E-04
640	624708.82	4265523.26	2.97E-03	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.58E-04
641	624698.91	4265523.13	2.97E-03	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.59E-04
642	624689	4265522.99	2.97E-03	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.59E-04
643	624679.09	4265522.85	2.97E-03	1.02E-03	2.48E-03	7.64E-04	5.88E-04	1.96E-04	4.58E-04
644	624669.18	4265522.71	2.96E-03	1.02E-03	2.48E-03	7.63E-04	5.87E-04	1.95E-04	4.57E-04
645	624659.27	4265522.58	2.96E-03	1.02E-03	2.47E-03	7.61E-04	5.85E-04	1.95E-04	4.56E-04
646	624649.36	4265522.44	2.94E-03	1.01E-03	2.46E-03	7.58E-04	5.83E-04	1.94E-04	4.54E-04
647	624639.46	4265522.3	2.93E-03	1.01E-03	2.45E-03	7.54E-04	5.79E-04	1.93E-04	4.52E-04
648	624629.55	4265522.16	2.90E-03	9.99E-04	2.43E-03	7.48E-04	5.75E-04	1.91E-04	4.48E-04
649	624619.64	4265522.03	2.88E-03	9.90E-04	2.41E-03	7.41E-04	5.70E-04	1.90E-04	4.44E-04
650	624609.73	4265521.89	2.85E-03	9.79E-04	2.38E-03	7.33E-04	5.64E-04	1.88E-04	4.39E-04
651	624599.82	4265521.75	2.81E-03	9.68E-04	2.35E-03	7.25E-04	5.57E-04	1.85E-04	4.34E-04
652	624589.91	4265521.61	2.78E-03	9.55E-04	2.32E-03	7.15E-04	5.50E-04	1.83E-04	4.28E-04
653	624580	4265521.48	2.74E-03	9.40E-04	2.29E-03	7.04E-04	5.41E-04	1.80E-04	4.22E-04
654	624570.09	4265521.34	2.69E-03	9.24E-04	2.25E-03	6.92E-04	5.32E-04	1.77E-04	4.15E-04
655	624560.19	4265521.2	2.64E-03	9.07E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04
656	624550.28	4265521.07	2.58E-03	8.89E-04	2.16E-03	6.65E-04	5.12E-04	1.70E-04	3.99E-04
657	624540.37	4265520.93	2.53E-03	8.70E-04	2.11E-03	6.51E-04	5.01E-04	1.67E-04	3.90E-04
658	624530.46	4265520.79	2.47E-03	8.49E-04	2.06E-03	6.36E-04	4.89E-04	1.63E-04	3.81E-04
659	624520.55	4265520.65	2.41E-03	8.28E-04	2.01E-03	6.20E-04	4.77E-04	1.59E-04	3.72E-04
660	624510.64	4265520.52	2.34E-03	8.05E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.61E-04
661	624500.73	4265520.38	2.27E-03	7.82E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04
662	624490.82	4265520.24	2.20E-03	7.58E-04	1.84E-03	5.68E-04	4.36E-04	1.45E-04	3.40E-04
663	624480.92	4265520.1	2.13E-03	7.34E-04	1.78E-03	5.49E-04	4.22E-04	1.41E-04	3.29E-04
664	624471.01	4265519.97	2.06E-03	7.09E-04	1.72E-03	5.31E-04	4.08E-04	1.36E-04	3.18E-04
665	624461.1	4265519.83	1.99E-03	6.85E-04	1.66E-03	5.13E-04	3.94E-04	1.31E-04	3.07E-04
666	624451.19	4265519.69	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04
667	624441.28	4265519.55	1.85E-03	6.35E-04	1.54E-03	4.76E-04	3.66E-04	1.22E-04	2.85E-04
668	624431.37	4265519.42	1.78E-03	6.12E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.74E-04
669	624421.46	4265519.28	1.71E-03	5.89E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04
670	624411.55	4265519.14	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04
671	624401.64	4265519	1.59E-03	5.48E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04
672	624391.74	4265518.87	1.54E-03	5.28E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04

673	624381.83	4265518.73	1.48E-03	5.10E-04	1.24E-03	3.82E-04	2.93E-04	9.77E-05	2.29E-04
674	624371.92	4265518.59	1.43E-03	4.92E-04	1.20E-03	3.68E-04	2.83E-04	9.42E-05	2.21E-04
675	624362.01	4265518.45	1.38E-03	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04
676	624866.59	4265504.12	2.38E-03	8.18E-04	1.99E-03	6.12E-04	4.71E-04	1.57E-04	3.67E-04
677	624875.39	4265507.92	2.37E-03	8.15E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.66E-04
678	624884.19	4265511.71	2.36E-03	8.10E-04	1.97E-03	6.07E-04	4.66E-04	1.55E-04	3.64E-04
679	624892.99	4265515.51	2.34E-03	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04
680	624901.79	4265519.3	2.31E-03	7.94E-04	1.93E-03	5.95E-04	4.57E-04	1.52E-04	3.56E-04
681	624910.59	4265523.1	2.28E-03	7.83E-04	1.90E-03	5.86E-04	4.51E-04	1.50E-04	3.51E-04
682	624919.39	4265526.89	2.24E-03	7.70E-04	1.87E-03	5.77E-04	4.43E-04	1.48E-04	3.46E-04
683	624928.18	4265530.69	2.20E-03	7.56E-04	1.84E-03	5.66E-04	4.35E-04	1.45E-04	3.39E-04
684	624936.98	4265534.48	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04
685	624945.78	4265538.28	2.10E-03	7.24E-04	1.76E-03	5.42E-04	4.16E-04	1.39E-04	3.25E-04
686	624954.58	4265542.07	2.05E-03	7.06E-04	1.72E-03	5.29E-04	4.06E-04	1.35E-04	3.17E-04
687	624963.38	4265545.87	2.00E-03	6.88E-04	1.67E-03	5.15E-04	3.96E-04	1.32E-04	3.09E-04
688	624972.18	4265549.66	1.95E-03	6.70E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04
689	624984.5	4265562.37	1.89E-03	6.51E-04	1.58E-03	4.88E-04	3.75E-04	1.25E-04	2.92E-04
690	624988.03	4265571.28	1.89E-03	6.51E-04	1.58E-03	4.87E-04	3.74E-04	1.25E-04	2.92E-04
691	624991.56	4265580.19	1.89E-03	6.49E-04	1.58E-03	4.86E-04	3.74E-04	1.24E-04	2.91E-04
692	624995.08	4265589.1	1.88E-03	6.47E-04	1.57E-03	4.85E-04	3.73E-04	1.24E-04	2.90E-04
693	624998.61	4265598	1.87E-03	6.44E-04	1.57E-03	4.83E-04	3.71E-04	1.23E-04	2.89E-04
694	625002.13	4265606.91	1.86E-03	6.41E-04	1.56E-03	4.80E-04	3.69E-04	1.23E-04	2.88E-04
695	625005.66	4265615.82	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04
696	625009.19	4265624.73	1.84E-03	6.32E-04	1.54E-03	4.73E-04	3.64E-04	1.21E-04	2.84E-04
697	625012.71	4265633.64	1.82E-03	6.26E-04	1.52E-03	4.69E-04	3.60E-04	1.20E-04	2.81E-04
698	625016.24	4265642.55	1.80E-03	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04
699	625019.77	4265651.46	1.78E-03	6.13E-04	1.49E-03	4.59E-04	3.53E-04	1.17E-04	2.75E-04
700	625023.29	4265660.37	1.76E-03	6.05E-04	1.47E-03	4.53E-04	3.48E-04	1.16E-04	2.72E-04
701	625026.82	4265669.28	1.74E-03	5.97E-04	1.45E-03	4.47E-04	3.44E-04	1.14E-04	2.68E-04
702	624857.8	4265500.33	2.38E-03	8.20E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04
703	624847.89	4265500.19	2.42E-03	8.32E-04	2.02E-03	6.23E-04	4.79E-04	1.59E-04	3.74E-04
704	624837.98	4265500.05	2.45E-03	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04
705	624828.07	4265499.91	2.49E-03	8.55E-04	2.08E-03	6.40E-04	4.92E-04	1.64E-04	3.84E-04
706	624818.16	4265499.78	2.52E-03	8.65E-04	2.10E-03	6.48E-04	4.98E-04	1.66E-04	3.88E-04
707	624808.25	4265499.64	2.54E-03	8.74E-04	2.13E-03	6.55E-04	5.03E-04	1.68E-04	3.92E-04
708	624798.34	4265499.5	2.57E-03	8.82E-04	2.14E-03	6.61E-04	5.08E-04	1.69E-04	3.96E-04
709	624788.43	4265499.37	2.59E-03	8.89E-04	2.16E-03	6.66E-04	5.12E-04	1.70E-04	3.99E-04
710	624778.53	4265499.23	2.60E-03	8.95E-04	2.17E-03	6.70E-04	5.15E-04	1.71E-04	4.01E-04
711	624768.62	4265499.09	2.61E-03	8.99E-04	2.19E-03	6.73E-04	5.18E-04	1.72E-04	4.03E-04
712	624758.71	4265498.95	2.62E-03	9.02E-04	2.19E-03	6.76E-04	5.19E-04	1.73E-04	4.05E-04
713	624748.8	4265498.82	2.63E-03	9.05E-04	2.20E-03	6.78E-04	5.21E-04	1.73E-04	4.06E-04
714	624738.89	4265498.68	2.64E-03	9.07E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04
715	624728.98	4265498.54	2.64E-03	9.09E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.08E-04
716	624719.07	4265498.4	2.64E-03	9.09E-04	2.21E-03	6.81E-04	5.23E-04	1.74E-04	4.08E-04
717	624709.16	4265498.27	2.64E-03	9.09E-04	2.21E-03	6.81E-04	5.23E-04	1.74E-04	4.08E-04
718	624699.26	4265498.13	2.64E-03	9.08E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.08E-04
719	624689.35	4265497.99	2.64E-03	9.07E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04
720	624679.44	4265497.85	2.63E-03	9.04E-04	2.20E-03	6.77E-04	5.21E-04	1.73E-04	4.06E-04
721	624669.53	4265497.72	2.62E-03	9.02E-04	2.19E-03	6.75E-04	5.19E-04	1.73E-04	4.05E-04
722	624659.62	4265497.58	2.61E-03	8.98E-04	2.18E-03	6.72E-04	5.17E-04	1.72E-04	4.03E-04
723	624649.71	4265497.44	2.60E-03	8.93E-04	2.17E-03	6.68E-04	5.14E-04	1.71E-04	4.01E-04
724	624639.8	4265497.3	2.58E-03	8.87E-04	2.15E-03	6.64E-04	5.10E-04	1.70E-04	3.98E-04

725	624629.89	4265497.17	2.56E-03	8.79E-04	2.14E-03	6.58E-04	5.06E-04	1.68E-04	3.94E-04
726	624619.99	4265497.03	2.53E-03	8.70E-04	2.12E-03	6.51E-04	5.01E-04	1.67E-04	3.90E-04
727	624610.08	4265496.89	2.50E-03	8.60E-04	2.09E-03	6.44E-04	4.95E-04	1.65E-04	3.86E-04
728	624600.17	4265496.75	2.47E-03	8.49E-04	2.06E-03	6.36E-04	4.89E-04	1.63E-04	3.81E-04
729	624590.26	4265496.62	2.43E-03	8.37E-04	2.03E-03	6.27E-04	4.82E-04	1.60E-04	3.76E-04
730	624580.35	4265496.48	2.40E-03	8.24E-04	2.00E-03	6.17E-04	4.74E-04	1.58E-04	3.70E-04
731	624570.44	4265496.34	2.35E-03	8.09E-04	1.97E-03	6.06E-04	4.66E-04	1.55E-04	3.63E-04
732	624560.53	4265496.2	2.31E-03	7.94E-04	1.93E-03	5.94E-04	4.57E-04	1.52E-04	3.56E-04
733	624550.62	4265496.07	2.26E-03	7.77E-04	1.89E-03	5.82E-04	4.47E-04	1.49E-04	3.49E-04
734	624540.71	4265495.93	2.21E-03	7.60E-04	1.85E-03	5.69E-04	4.37E-04	1.46E-04	3.41E-04
735	624530.81	4265495.79	2.16E-03	7.42E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04
736	624520.9	4265495.66	2.10E-03	7.23E-04	1.76E-03	5.42E-04	4.16E-04	1.39E-04	3.25E-04
737	624510.99	4265495.52	2.05E-03	7.04E-04	1.71E-03	5.27E-04	4.05E-04	1.35E-04	3.16E-04
738	624501.08	4265495.38	1.99E-03	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04
739	624491.17	4265495.24	1.93E-03	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04
740	624481.26	4265495.11	1.87E-03	6.44E-04	1.57E-03	4.82E-04	3.71E-04	1.23E-04	2.89E-04
741	624471.35	4265494.97	1.81E-03	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.20E-04	2.80E-04
742	624461.44	4265494.83	1.76E-03	6.04E-04	1.47E-03	4.52E-04	3.48E-04	1.16E-04	2.71E-04
743	624451.54	4265494.69	1.70E-03	5.85E-04	1.42E-03	4.38E-04	3.36E-04	1.12E-04	2.62E-04
744	624441.63	4265494.56	1.64E-03	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.54E-04
745	624431.72	4265494.42	1.59E-03	5.47E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04
746	624421.81	4265494.28	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.37E-04
747	624411.9	4265494.14	1.49E-03	5.12E-04	1.25E-03	3.84E-04	2.95E-04	9.82E-05	2.30E-04
748	624401.99	4265494.01	1.44E-03	4.96E-04	1.21E-03	3.72E-04	2.86E-04	9.51E-05	2.23E-04
749	624392.08	4265493.87	1.40E-03	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.21E-05	2.16E-04
750	624382.17	4265493.73	1.35E-03	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.92E-05	2.09E-04
751	624372.27	4265493.59	1.31E-03	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.63E-05	2.02E-04
752	624362.36	4265493.46	1.27E-03	4.37E-04	1.06E-03	3.27E-04	2.51E-04	8.37E-05	1.96E-04
753	624866.94	4265479.12	2.18E-03	7.50E-04	1.82E-03	5.62E-04	4.32E-04	1.44E-04	3.37E-04
754	624875.74	4265482.92	2.18E-03	7.49E-04	1.82E-03	5.60E-04	4.31E-04	1.43E-04	3.36E-04
755	624884.54	4265486.71	2.17E-03	7.46E-04	1.81E-03	5.58E-04	4.29E-04	1.43E-04	3.35E-04
756	624893.34	4265490.51	2.16E-03	7.42E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04
757	624902.14	4265494.3	2.14E-03	7.36E-04	1.79E-03	5.51E-04	4.23E-04	1.41E-04	3.30E-04
758	624910.93	4265498.1	2.12E-03	7.28E-04	1.77E-03	5.45E-04	4.19E-04	1.40E-04	3.27E-04
759	624919.73	4265501.89	2.09E-03	7.19E-04	1.75E-03	5.38E-04	4.14E-04	1.38E-04	3.23E-04
760	624928.53	4265505.69	2.06E-03	7.08E-04	1.72E-03	5.30E-04	4.08E-04	1.36E-04	3.18E-04
761	624937.33	4265509.48	2.03E-03	6.97E-04	1.69E-03	5.22E-04	4.01E-04	1.33E-04	3.13E-04
762	624946.13	4265513.28	1.99E-03	6.83E-04	1.66E-03	5.12E-04	3.93E-04	1.31E-04	3.07E-04
763	624954.93	4265517.07	1.95E-03	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04
764	624963.73	4265520.87	1.90E-03	6.54E-04	1.59E-03	4.90E-04	3.77E-04	1.25E-04	2.94E-04
765	624972.52	4265524.66	1.86E-03	6.39E-04	1.55E-03	4.79E-04	3.68E-04	1.22E-04	2.87E-04
766	624981.32	4265528.46	1.81E-03	6.23E-04	1.52E-03	4.67E-04	3.59E-04	1.19E-04	2.80E-04
767	624990.12	4265532.25	1.77E-03	6.07E-04	1.48E-03	4.55E-04	3.50E-04	1.16E-04	2.73E-04
768	625002.45	4265544.96	1.72E-03	5.91E-04	1.44E-03	4.43E-04	3.40E-04	1.13E-04	2.65E-04
769	625005.97	4265553.87	1.72E-03	5.91E-04	1.44E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04
770	625009.5	4265562.78	1.71E-03	5.89E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04
771	625013.03	4265571.69	1.71E-03	5.87E-04	1.43E-03	4.40E-04	3.38E-04	1.13E-04	2.64E-04
772	625016.55	4265580.6	1.70E-03	5.85E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04
773	625020.08	4265589.51	1.69E-03	5.82E-04	1.42E-03	4.36E-04	3.35E-04	1.12E-04	2.61E-04
774	625023.6	4265598.42	1.68E-03	5.79E-04	1.41E-03	4.33E-04	3.33E-04	1.11E-04	2.60E-04
775	625027.13	4265607.33	1.67E-03	5.75E-04	1.40E-03	4.30E-04	3.31E-04	1.10E-04	2.58E-04
776	625030.66	4265616.24	1.66E-03	5.70E-04	1.39E-03	4.27E-04	3.28E-04	1.09E-04	2.56E-04

777	625034.18	4265625.14	1.64E-03	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.53E-04
778	625037.71	4265634.05	1.63E-03	5.59E-04	1.36E-03	4.19E-04	3.22E-04	1.07E-04	2.51E-04
779	625041.24	4265642.96	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04
780	625044.76	4265651.87	1.59E-03	5.46E-04	1.33E-03	4.09E-04	3.14E-04	1.05E-04	2.45E-04
781	625048.29	4265660.78	1.57E-03	5.39E-04	1.31E-03	4.04E-04	3.10E-04	1.03E-04	2.42E-04
782	625051.82	4265669.69	1.55E-03	5.31E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.38E-04
783	624858.14	4265475.33	2.18E-03	7.50E-04	1.82E-03	5.62E-04	4.32E-04	1.44E-04	3.37E-04
784	624848.23	4265475.19	2.21E-03	7.60E-04	1.85E-03	5.69E-04	4.38E-04	1.46E-04	3.41E-04
785	624838.33	4265475.05	2.24E-03	7.70E-04	1.87E-03	5.76E-04	4.43E-04	1.48E-04	3.45E-04
786	624828.42	4265474.92	2.26E-03	7.79E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04
787	624818.51	4265474.78	2.29E-03	7.87E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04
788	624808.6	4265474.64	2.31E-03	7.94E-04	1.93E-03	5.95E-04	4.57E-04	1.52E-04	3.56E-04
789	624798.69	4265474.5	2.33E-03	8.00E-04	1.95E-03	5.99E-04	4.61E-04	1.53E-04	3.59E-04
790	624788.78	4265474.37	2.34E-03	8.06E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.62E-04
791	624778.87	4265474.23	2.36E-03	8.10E-04	1.97E-03	6.07E-04	4.66E-04	1.55E-04	3.63E-04
792	624768.96	4265474.09	2.37E-03	8.13E-04	1.98E-03	6.09E-04	4.68E-04	1.56E-04	3.65E-04
793	624759.06	4265473.96	2.37E-03	8.16E-04	1.98E-03	6.11E-04	4.70E-04	1.56E-04	3.66E-04
794	624749.15	4265473.82	2.38E-03	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.57E-04	3.67E-04
795	624739.24	4265473.68	2.38E-03	8.18E-04	1.99E-03	6.12E-04	4.71E-04	1.57E-04	3.67E-04
796	624729.33	4265473.54	2.38E-03	8.18E-04	1.99E-03	6.12E-04	4.71E-04	1.57E-04	3.67E-04
797	624719.42	4265473.41	2.38E-03	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.56E-04	3.67E-04
798	624709.51	4265473.27	2.37E-03	8.15E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.66E-04
799	624699.6	4265473.13	2.37E-03	8.13E-04	1.98E-03	6.09E-04	4.68E-04	1.56E-04	3.65E-04
800	624689.69	4265472.99	2.36E-03	8.11E-04	1.97E-03	6.07E-04	4.67E-04	1.55E-04	3.64E-04
801	624679.78	4265472.86	2.35E-03	8.07E-04	1.96E-03	6.05E-04	4.65E-04	1.55E-04	3.62E-04
802	624669.88	4265472.72	2.34E-03	8.03E-04	1.95E-03	6.02E-04	4.62E-04	1.54E-04	3.61E-04
803	624659.97	4265472.58	2.32E-03	7.99E-04	1.94E-03	5.98E-04	4.60E-04	1.53E-04	3.58E-04
804	624650.06	4265472.44	2.31E-03	7.93E-04	1.93E-03	5.94E-04	4.57E-04	1.52E-04	3.56E-04
805	624640.15	4265472.31	2.29E-03	7.87E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04
806	624630.24	4265472.17	2.27E-03	7.80E-04	1.90E-03	5.84E-04	4.49E-04	1.49E-04	3.50E-04
807	624620.33	4265472.03	2.24E-03	7.71E-04	1.87E-03	5.77E-04	4.44E-04	1.48E-04	3.46E-04
808	624610.42	4265471.89	2.22E-03	7.62E-04	1.85E-03	5.70E-04	4.39E-04	1.46E-04	3.42E-04
809	624600.51	4265471.76	2.19E-03	7.51E-04	1.83E-03	5.63E-04	4.33E-04	1.44E-04	3.37E-04
810	624590.61	4265471.62	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04
811	624580.7	4265471.48	2.12E-03	7.28E-04	1.77E-03	5.45E-04	4.19E-04	1.39E-04	3.27E-04
812	624570.79	4265471.34	2.08E-03	7.15E-04	1.74E-03	5.35E-04	4.12E-04	1.37E-04	3.21E-04
813	624560.88	4265471.21	2.04E-03	7.01E-04	1.70E-03	5.25E-04	4.04E-04	1.34E-04	3.15E-04
814	624550.97	4265471.07	2.00E-03	6.86E-04	1.67E-03	5.14E-04	3.95E-04	1.32E-04	3.08E-04
815	624541.06	4265470.93	1.95E-03	6.71E-04	1.63E-03	5.02E-04	3.86E-04	1.29E-04	3.01E-04
816	624531.15	4265470.8	1.91E-03	6.55E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04
817	624521.24	4265470.66	1.86E-03	6.39E-04	1.55E-03	4.79E-04	3.68E-04	1.22E-04	2.87E-04
818	624511.34	4265470.52	1.81E-03	6.23E-04	1.51E-03	4.66E-04	3.58E-04	1.19E-04	2.79E-04
819	624501.43	4265470.38	1.76E-03	6.06E-04	1.47E-03	4.54E-04	3.49E-04	1.16E-04	2.72E-04
820	624491.52	4265470.25	1.71E-03	5.89E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04
821	624481.61	4265470.11	1.67E-03	5.73E-04	1.39E-03	4.29E-04	3.30E-04	1.10E-04	2.57E-04
822	624471.7	4265469.97	1.62E-03	5.56E-04	1.35E-03	4.16E-04	3.20E-04	1.07E-04	2.50E-04
823	624461.79	4265469.83	1.57E-03	5.40E-04	1.31E-03	4.04E-04	3.11E-04	1.03E-04	2.42E-04
824	624451.88	4265469.7	1.52E-03	5.24E-04	1.27E-03	3.93E-04	3.02E-04	1.00E-04	2.35E-04
825	624441.97	4265469.56	1.48E-03	5.09E-04	1.24E-03	3.81E-04	2.93E-04	9.76E-05	2.28E-04
826	624432.06	4265469.42	1.44E-03	4.94E-04	1.20E-03	3.70E-04	2.85E-04	9.47E-05	2.22E-04
827	624422.16	4265469.28	1.40E-03	4.80E-04	1.17E-03	3.59E-04	2.76E-04	9.20E-05	2.15E-04
828	624412.25	4265469.15	1.36E-03	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.93E-05	2.09E-04

829	624402.34	4265469.01	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04
830	624392.43	4265468.87	1.28E-03	4.40E-04	1.07E-03	3.30E-04	2.53E-04	8.43E-05	1.97E-04
831	624382.52	4265468.73	1.24E-03	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.19E-05	1.92E-04
832	624372.61	4265468.6	1.21E-03	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.96E-05	1.86E-04
833	624362.7	4265468.46	1.17E-03	4.03E-04	9.81E-04	3.02E-04	2.32E-04	7.73E-05	1.81E-04
834	624867.29	4265454.13	2.01E-03	6.91E-04	1.68E-03	5.17E-04	3.98E-04	1.32E-04	3.10E-04
835	624876.09	4265457.92	2.01E-03	6.90E-04	1.68E-03	5.17E-04	3.97E-04	1.32E-04	3.10E-04
836	624884.89	4265461.72	2.00E-03	6.89E-04	1.67E-03	5.16E-04	3.97E-04	1.32E-04	3.09E-04
837	624893.68	4265465.51	2.00E-03	6.87E-04	1.67E-03	5.14E-04	3.95E-04	1.32E-04	3.08E-04
838	624902.48	4265469.31	1.99E-03	6.83E-04	1.66E-03	5.11E-04	3.93E-04	1.31E-04	3.06E-04
839	624911.28	4265473.1	1.97E-03	6.78E-04	1.65E-03	5.07E-04	3.90E-04	1.30E-04	3.04E-04
840	624920.08	4265476.9	1.95E-03	6.71E-04	1.63E-03	5.03E-04	3.86E-04	1.29E-04	3.01E-04
841	624928.88	4265480.69	1.93E-03	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04
842	624937.68	4265484.49	1.90E-03	6.55E-04	1.59E-03	4.90E-04	3.77E-04	1.25E-04	2.94E-04
843	624946.47	4265488.28	1.87E-03	6.45E-04	1.57E-03	4.83E-04	3.71E-04	1.24E-04	2.89E-04
844	624955.27	4265492.08	1.84E-03	6.34E-04	1.54E-03	4.74E-04	3.65E-04	1.21E-04	2.84E-04
845	624964.07	4265495.87	1.81E-03	6.22E-04	1.51E-03	4.65E-04	3.58E-04	1.19E-04	2.79E-04
846	624972.87	4265499.67	1.77E-03	6.09E-04	1.48E-03	4.56E-04	3.51E-04	1.17E-04	2.73E-04
847	624981.67	4265503.46	1.73E-03	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04
848	624990.47	4265507.26	1.69E-03	5.82E-04	1.42E-03	4.36E-04	3.35E-04	1.12E-04	2.61E-04
849	624999.27	4265511.05	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04
850	625008.06	4265514.85	1.61E-03	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04
851	625020.39	4265527.55	1.57E-03	5.40E-04	1.31E-03	4.04E-04	3.11E-04	1.03E-04	2.42E-04
852	625023.92	4265536.46	1.57E-03	5.39E-04	1.31E-03	4.04E-04	3.10E-04	1.03E-04	2.42E-04
853	625027.44	4265545.37	1.56E-03	5.38E-04	1.31E-03	4.03E-04	3.10E-04	1.03E-04	2.41E-04
854	625030.97	4265554.28	1.56E-03	5.36E-04	1.30E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04
855	625034.5	4265563.19	1.55E-03	5.34E-04	1.30E-03	4.00E-04	3.08E-04	1.02E-04	2.40E-04
856	625038.02	4265572.1	1.55E-03	5.32E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.39E-04
857	625041.55	4265581.01	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04
858	625045.07	4265589.92	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04
859	625048.6	4265598.83	1.52E-03	5.22E-04	1.27E-03	3.90E-04	3.00E-04	9.99E-05	2.34E-04
860	625052.13	4265607.74	1.50E-03	5.17E-04	1.26E-03	3.87E-04	2.98E-04	9.91E-05	2.32E-04
861	625055.65	4265616.65	1.49E-03	5.13E-04	1.25E-03	3.84E-04	2.95E-04	9.82E-05	2.30E-04
862	625059.18	4265625.56	1.48E-03	5.07E-04	1.23E-03	3.80E-04	2.92E-04	9.72E-05	2.28E-04
863	625062.71	4265634.47	1.46E-03	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.61E-05	2.25E-04
864	625066.23	4265643.38	1.44E-03	4.96E-04	1.21E-03	3.71E-04	2.85E-04	9.50E-05	2.22E-04
865	625069.76	4265652.29	1.42E-03	4.89E-04	1.19E-03	3.66E-04	2.82E-04	9.38E-05	2.20E-04
866	625073.29	4265661.19	1.40E-03	4.83E-04	1.17E-03	3.62E-04	2.78E-04	9.25E-05	2.17E-04
867	625076.81	4265670.1	1.38E-03	4.76E-04	1.16E-03	3.56E-04	2.74E-04	9.12E-05	2.14E-04
868	624858.49	4265450.33	2.01E-03	6.90E-04	1.68E-03	5.17E-04	3.97E-04	1.32E-04	3.10E-04
869	624848.58	4265450.19	2.03E-03	6.98E-04	1.70E-03	5.23E-04	4.02E-04	1.34E-04	3.13E-04
870	624838.67	4265450.06	2.05E-03	7.06E-04	1.72E-03	5.29E-04	4.06E-04	1.35E-04	3.17E-04
871	624828.76	4265449.92	2.07E-03	7.13E-04	1.73E-03	5.34E-04	4.10E-04	1.37E-04	3.20E-04
872	624818.85	4265449.78	2.09E-03	7.19E-04	1.75E-03	5.39E-04	4.14E-04	1.38E-04	3.23E-04
873	624808.95	4265449.64	2.11E-03	7.25E-04	1.76E-03	5.43E-04	4.17E-04	1.39E-04	3.25E-04
874	624799.04	4265449.51	2.12E-03	7.30E-04	1.77E-03	5.47E-04	4.20E-04	1.40E-04	3.28E-04
875	624789.13	4265449.37	2.14E-03	7.34E-04	1.78E-03	5.50E-04	4.23E-04	1.41E-04	3.30E-04
876	624779.22	4265449.23	2.15E-03	7.38E-04	1.79E-03	5.52E-04	4.25E-04	1.41E-04	3.31E-04
877	624769.31	4265449.1	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04
878	624759.4	4265448.96	2.16E-03	7.41E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04
879	624749.49	4265448.82	2.16E-03	7.42E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04
880	624739.58	4265448.68	2.16E-03	7.41E-04	1.80E-03	5.55E-04	4.27E-04	1.42E-04	3.33E-04

881	624729.68	4265448.55	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04
882	624719.77	4265448.41	2.15E-03	7.38E-04	1.79E-03	5.53E-04	4.25E-04	1.41E-04	3.31E-04
883	624709.86	4265448.27	2.14E-03	7.36E-04	1.79E-03	5.51E-04	4.23E-04	1.41E-04	3.30E-04
884	624699.95	4265448.13	2.13E-03	7.33E-04	1.78E-03	5.49E-04	4.22E-04	1.40E-04	3.29E-04
885	624690.04	4265448	2.12E-03	7.29E-04	1.77E-03	5.46E-04	4.20E-04	1.40E-04	3.27E-04
886	624680.13	4265447.86	2.11E-03	7.25E-04	1.76E-03	5.43E-04	4.18E-04	1.39E-04	3.25E-04
887	624670.22	4265447.72	2.10E-03	7.21E-04	1.75E-03	5.40E-04	4.15E-04	1.38E-04	3.23E-04
888	624660.31	4265447.58	2.08E-03	7.16E-04	1.74E-03	5.36E-04	4.12E-04	1.37E-04	3.21E-04
889	624650.4	4265447.45	2.06E-03	7.10E-04	1.73E-03	5.31E-04	4.09E-04	1.36E-04	3.19E-04
890	624640.5	4265447.31	2.05E-03	7.03E-04	1.71E-03	5.27E-04	4.05E-04	1.35E-04	3.16E-04
891	624630.59	4265447.17	2.02E-03	6.96E-04	1.69E-03	5.21E-04	4.01E-04	1.33E-04	3.12E-04
892	624620.68	4265447.03	2.00E-03	6.88E-04	1.67E-03	5.15E-04	3.96E-04	1.32E-04	3.09E-04
893	624610.77	4265446.9	1.98E-03	6.80E-04	1.65E-03	5.09E-04	3.91E-04	1.30E-04	3.05E-04
894	624600.86	4265446.76	1.95E-03	6.70E-04	1.63E-03	5.02E-04	3.86E-04	1.28E-04	3.01E-04
895	624590.95	4265446.62	1.92E-03	6.59E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04
896	624581.04	4265446.48	1.89E-03	6.49E-04	1.58E-03	4.86E-04	3.73E-04	1.24E-04	2.91E-04
897	624571.13	4265446.35	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04
898	624561.23	4265446.21	1.82E-03	6.25E-04	1.52E-03	4.68E-04	3.60E-04	1.20E-04	2.80E-04
899	624551.32	4265446.07	1.78E-03	6.12E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.74E-04
900	624541.41	4265445.93	1.74E-03	5.98E-04	1.45E-03	4.48E-04	3.44E-04	1.15E-04	2.68E-04
901	624531.5	4265445.8	1.70E-03	5.84E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04
902	624521.59	4265445.66	1.66E-03	5.70E-04	1.39E-03	4.27E-04	3.28E-04	1.09E-04	2.56E-04
903	624511.68	4265445.52	1.62E-03	5.57E-04	1.35E-03	4.17E-04	3.20E-04	1.07E-04	2.50E-04
904	624501.77	4265445.39	1.58E-03	5.43E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04
905	624491.86	4265445.25	1.54E-03	5.29E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04
906	624481.96	4265445.11	1.50E-03	5.15E-04	1.25E-03	3.85E-04	2.96E-04	9.86E-05	2.31E-04
907	624472.05	4265444.97	1.46E-03	5.01E-04	1.22E-03	3.75E-04	2.88E-04	9.60E-05	2.25E-04
908	624462.14	4265444.84	1.42E-03	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.35E-05	2.19E-04
909	624452.23	4265444.7	1.38E-03	4.75E-04	1.15E-03	3.56E-04	2.74E-04	9.10E-05	2.13E-04
910	624442.32	4265444.56	1.35E-03	4.63E-04	1.12E-03	3.46E-04	2.66E-04	8.87E-05	2.08E-04
911	624432.41	4265444.42	1.31E-03	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.64E-05	2.02E-04
912	624422.5	4265444.29	1.28E-03	4.39E-04	1.07E-03	3.29E-04	2.53E-04	8.41E-05	1.97E-04
913	624412.59	4265444.15	1.24E-03	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.19E-05	1.92E-04
914	624402.68	4265444.01	1.21E-03	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04
915	624392.78	4265443.87	1.18E-03	4.06E-04	9.86E-04	3.04E-04	2.33E-04	7.77E-05	1.82E-04
916	624382.87	4265443.74	1.15E-03	3.95E-04	9.60E-04	2.96E-04	2.27E-04	7.57E-05	1.77E-04
917	624372.96	4265443.6	1.12E-03	3.85E-04	9.35E-04	2.88E-04	2.21E-04	7.37E-05	1.73E-04
918	624363.05	4265443.46	1.09E-03	3.74E-04	9.10E-04	2.80E-04	2.16E-04	7.18E-05	1.68E-04
919	624867.63	4265429.13	1.86E-03	6.38E-04	1.55E-03	4.78E-04	3.67E-04	1.22E-04	2.86E-04
920	624876.43	4265432.92	1.86E-03	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04
921	624885.23	4265436.72	1.86E-03	6.38E-04	1.55E-03	4.78E-04	3.67E-04	1.22E-04	2.86E-04
922	624894.03	4265440.51	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04
923	624902.83	4265444.31	1.85E-03	6.35E-04	1.54E-03	4.75E-04	3.65E-04	1.22E-04	2.85E-04
924	624911.63	4265448.1	1.84E-03	6.32E-04	1.54E-03	4.73E-04	3.64E-04	1.21E-04	2.83E-04
925	624920.43	4265451.9	1.82E-03	6.27E-04	1.52E-03	4.70E-04	3.61E-04	1.20E-04	2.81E-04
926	624929.22	4265455.69	1.81E-03	6.22E-04	1.51E-03	4.66E-04	3.58E-04	1.19E-04	2.79E-04
927	624938.02	4265459.49	1.79E-03	6.15E-04	1.50E-03	4.61E-04	3.54E-04	1.18E-04	2.76E-04
928	624946.82	4265463.28	1.77E-03	6.08E-04	1.48E-03	4.55E-04	3.50E-04	1.16E-04	2.73E-04
929	624955.62	4265467.08	1.74E-03	5.99E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04
930	624964.42	4265470.87	1.71E-03	5.90E-04	1.43E-03	4.42E-04	3.39E-04	1.13E-04	2.65E-04
931	624973.22	4265474.67	1.69E-03	5.79E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04
932	624982.02	4265478.46	1.65E-03	5.68E-04	1.38E-03	4.26E-04	3.27E-04	1.09E-04	2.55E-04

933	624990.81	4265482.26	1.62E-03	5.57E-04	1.35E-03	4.17E-04	3.21E-04	1.07E-04	2.50E-04
934	624999.61	4265486.05	1.59E-03	5.45E-04	1.33E-03	4.08E-04	3.14E-04	1.04E-04	2.45E-04
935	625008.41	4265489.85	1.55E-03	5.33E-04	1.30E-03	3.99E-04	3.07E-04	1.02E-04	2.39E-04
936	625017.21	4265493.64	1.51E-03	5.21E-04	1.27E-03	3.90E-04	3.00E-04	9.98E-05	2.34E-04
937	625026.01	4265497.44	1.48E-03	5.08E-04	1.24E-03	3.81E-04	2.93E-04	9.74E-05	2.28E-04
938	625038.33	4265510.14	1.44E-03	4.96E-04	1.20E-03	3.71E-04	2.85E-04	9.49E-05	2.22E-04
939	625041.86	4265519.05	1.44E-03	4.95E-04	1.20E-03	3.70E-04	2.85E-04	9.48E-05	2.22E-04
940	625045.39	4265527.96	1.44E-03	4.94E-04	1.20E-03	3.70E-04	2.84E-04	9.46E-05	2.21E-04
941	625048.91	4265536.87	1.43E-03	4.92E-04	1.20E-03	3.68E-04	2.83E-04	9.43E-05	2.21E-04
942	625052.44	4265545.78	1.43E-03	4.90E-04	1.19E-03	3.67E-04	2.82E-04	9.39E-05	2.20E-04
943	625055.97	4265554.69	1.42E-03	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.35E-05	2.19E-04
944	625059.49	4265563.6	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.30E-05	2.18E-04
945	625063.02	4265572.51	1.40E-03	4.83E-04	1.17E-03	3.61E-04	2.78E-04	9.25E-05	2.17E-04
946	625066.55	4265581.42	1.39E-03	4.79E-04	1.17E-03	3.59E-04	2.76E-04	9.18E-05	2.15E-04
947	625070.07	4265590.33	1.38E-03	4.76E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04
948	625073.6	4265599.24	1.37E-03	4.72E-04	1.15E-03	3.53E-04	2.72E-04	9.04E-05	2.12E-04
949	625077.12	4265608.15	1.36E-03	4.67E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04
950	625080.65	4265617.06	1.35E-03	4.63E-04	1.12E-03	3.47E-04	2.66E-04	8.87E-05	2.08E-04
951	625084.18	4265625.97	1.33E-03	4.58E-04	1.11E-03	3.43E-04	2.64E-04	8.77E-05	2.05E-04
952	625087.7	4265634.88	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.67E-05	2.03E-04
953	625091.23	4265643.79	1.30E-03	4.47E-04	1.09E-03	3.35E-04	2.57E-04	8.56E-05	2.01E-04
954	625094.76	4265652.7	1.28E-03	4.41E-04	1.07E-03	3.30E-04	2.54E-04	8.45E-05	1.98E-04
955	625098.28	4265661.61	1.27E-03	4.35E-04	1.06E-03	3.26E-04	2.50E-04	8.34E-05	1.95E-04
956	625101.81	4265670.52	1.25E-03	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.92E-04
957	624858.84	4265425.33	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04
958	624848.93	4265425.2	1.87E-03	6.44E-04	1.57E-03	4.82E-04	3.71E-04	1.23E-04	2.89E-04
959	624839.02	4265425.06	1.89E-03	6.50E-04	1.58E-03	4.87E-04	3.74E-04	1.25E-04	2.92E-04
960	624829.11	4265424.92	1.91E-03	6.56E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04
961	624819.2	4265424.78	1.92E-03	6.61E-04	1.61E-03	4.95E-04	3.80E-04	1.27E-04	2.97E-04
962	624809.29	4265424.65	1.94E-03	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.99E-04
963	624799.38	4265424.51	1.95E-03	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04
964	624789.47	4265424.37	1.96E-03	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.02E-04
965	624779.57	4265424.23	1.96E-03	6.75E-04	1.64E-03	5.05E-04	3.88E-04	1.29E-04	3.03E-04
966	624769.66	4265424.1	1.97E-03	6.76E-04	1.64E-03	5.06E-04	3.89E-04	1.30E-04	3.03E-04
967	624759.75	4265423.96	1.97E-03	6.77E-04	1.64E-03	5.07E-04	3.90E-04	1.30E-04	3.04E-04
968	624749.84	4265423.82	1.97E-03	6.76E-04	1.64E-03	5.06E-04	3.89E-04	1.30E-04	3.04E-04
969	624739.93	4265423.69	1.96E-03	6.75E-04	1.64E-03	5.05E-04	3.89E-04	1.29E-04	3.03E-04
970	624730.02	4265423.55	1.96E-03	6.73E-04	1.64E-03	5.04E-04	3.87E-04	1.29E-04	3.02E-04
971	624720.11	4265423.41	1.95E-03	6.70E-04	1.63E-03	5.02E-04	3.86E-04	1.28E-04	3.01E-04
972	624710.2	4265423.27	1.94E-03	6.67E-04	1.62E-03	5.00E-04	3.84E-04	1.28E-04	2.99E-04
973	624700.3	4265423.14	1.93E-03	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04
974	624690.39	4265423	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04
975	624680.48	4265422.86	1.91E-03	6.55E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04
976	624670.57	4265422.72	1.89E-03	6.50E-04	1.58E-03	4.87E-04	3.74E-04	1.25E-04	2.92E-04
977	624660.66	4265422.59	1.88E-03	6.45E-04	1.57E-03	4.83E-04	3.71E-04	1.24E-04	2.89E-04
978	624650.75	4265422.45	1.86E-03	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04
979	624640.84	4265422.31	1.84E-03	6.32E-04	1.54E-03	4.74E-04	3.64E-04	1.21E-04	2.84E-04
980	624630.93	4265422.17	1.82E-03	6.26E-04	1.52E-03	4.68E-04	3.60E-04	1.20E-04	2.81E-04
981	624621.03	4265422.04	1.80E-03	6.18E-04	1.50E-03	4.63E-04	3.56E-04	1.18E-04	2.77E-04
982	624611.12	4265421.9	1.77E-03	6.10E-04	1.48E-03	4.57E-04	3.51E-04	1.17E-04	2.74E-04
983	624601.21	4265421.76	1.75E-03	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04
984	624591.3	4265421.62	1.72E-03	5.91E-04	1.44E-03	4.43E-04	3.40E-04	1.13E-04	2.65E-04

985	624581.39	4265421.49	1.69E-03	5.82E-04	1.41E-03	4.35E-04	3.35E-04	1.11E-04	2.61E-04
986	624571.48	4265421.35	1.66E-03	5.71E-04	1.39E-03	4.28E-04	3.29E-04	1.09E-04	2.56E-04
987	624561.57	4265421.21	1.63E-03	5.60E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.51E-04
988	624551.66	4265421.07	1.60E-03	5.49E-04	1.33E-03	4.11E-04	3.16E-04	1.05E-04	2.46E-04
989	624541.75	4265420.94	1.56E-03	5.37E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04
990	624531.85	4265420.8	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04
991	624521.94	4265420.66	1.49E-03	5.14E-04	1.25E-03	3.84E-04	2.96E-04	9.84E-05	2.30E-04
992	624512.03	4265420.53	1.46E-03	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.61E-05	2.25E-04
993	624502.12	4265420.39	1.42E-03	4.90E-04	1.19E-03	3.67E-04	2.82E-04	9.39E-05	2.20E-04
994	624492.21	4265420.25	1.39E-03	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.15E-04
995	624482.3	4265420.11	1.36E-03	4.67E-04	1.13E-03	3.50E-04	2.69E-04	8.94E-05	2.09E-04
996	624472.39	4265419.98	1.32E-03	4.56E-04	1.11E-03	3.41E-04	2.62E-04	8.73E-05	2.04E-04
997	624462.48	4265419.84	1.29E-03	4.45E-04	1.08E-03	3.33E-04	2.56E-04	8.52E-05	2.00E-04
998	624452.58	4265419.7	1.26E-03	4.34E-04	1.06E-03	3.25E-04	2.50E-04	8.32E-05	1.95E-04
999	624442.67	4265419.56	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04
1000	624432.76	4265419.43	1.20E-03	4.14E-04	1.01E-03	3.10E-04	2.38E-04	7.93E-05	1.86E-04
1001	624422.85	4265419.29	1.17E-03	4.04E-04	9.82E-04	3.02E-04	2.33E-04	7.74E-05	1.81E-04
1002	624412.94	4265419.15	1.15E-03	3.94E-04	9.58E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04
1003	624403.03	4265419.01	1.12E-03	3.85E-04	9.35E-04	2.88E-04	2.22E-04	7.37E-05	1.73E-04
1004	624393.12	4265418.88	1.09E-03	3.76E-04	9.13E-04	2.81E-04	2.16E-04	7.20E-05	1.69E-04
1005	624383.21	4265418.74	1.07E-03	3.66E-04	8.91E-04	2.74E-04	2.11E-04	7.02E-05	1.64E-04
1006	624373.31	4265418.6	1.04E-03	3.58E-04	8.69E-04	2.68E-04	2.06E-04	6.85E-05	1.60E-04
1007	624363.4	4265418.46	1.01E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04
1008	624867.98	4265404.13	1.72E-03	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04
1009	624876.78	4265407.93	1.72E-03	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04
1010	624885.58	4265411.72	1.73E-03	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04
1011	624894.38	4265415.52	1.72E-03	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04
1012	624903.18	4265419.31	1.72E-03	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.65E-04
1013	624911.97	4265423.11	1.71E-03	5.90E-04	1.43E-03	4.42E-04	3.39E-04	1.13E-04	2.65E-04
1014	624920.77	4265426.9	1.71E-03	5.87E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04
1015	624929.57	4265430.7	1.70E-03	5.83E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04
1016	624938.37	4265434.49	1.68E-03	5.78E-04	1.41E-03	4.33E-04	3.33E-04	1.11E-04	2.60E-04
1017	624947.17	4265438.29	1.67E-03	5.73E-04	1.39E-03	4.29E-04	3.30E-04	1.10E-04	2.57E-04
1018	624955.97	4265442.08	1.65E-03	5.66E-04	1.38E-03	4.24E-04	3.26E-04	1.08E-04	2.54E-04
1019	624964.77	4265445.88	1.63E-03	5.59E-04	1.36E-03	4.18E-04	3.22E-04	1.07E-04	2.51E-04
1020	624973.56	4265449.67	1.60E-03	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.06E-04	2.47E-04
1021	624982.36	4265453.47	1.58E-03	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04
1022	624991.16	4265457.26	1.55E-03	5.32E-04	1.29E-03	3.99E-04	3.06E-04	1.02E-04	2.39E-04
1023	624999.96	4265461.06	1.52E-03	5.22E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.34E-04
1024	625008.76	4265464.85	1.49E-03	5.12E-04	1.24E-03	3.83E-04	2.95E-04	9.81E-05	2.30E-04
1025	625017.56	4265468.65	1.46E-03	5.01E-04	1.22E-03	3.75E-04	2.89E-04	9.60E-05	2.25E-04
1026	625026.36	4265472.44	1.43E-03	4.90E-04	1.19E-03	3.67E-04	2.82E-04	9.40E-05	2.20E-04
1027	625035.15	4265476.24	1.39E-03	4.79E-04	1.17E-03	3.59E-04	2.76E-04	9.19E-05	2.15E-04
1028	625043.95	4265480.03	1.36E-03	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04
1029	625056.28	4265492.74	1.33E-03	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04
1030	625059.8	4265501.65	1.33E-03	4.56E-04	1.11E-03	3.41E-04	2.62E-04	8.74E-05	2.05E-04
1031	625063.33	4265510.56	1.32E-03	4.55E-04	1.11E-03	3.41E-04	2.62E-04	8.72E-05	2.04E-04
1032	625066.86	4265519.46	1.32E-03	4.53E-04	1.10E-03	3.40E-04	2.61E-04	8.69E-05	2.03E-04
1033	625070.38	4265528.37	1.31E-03	4.52E-04	1.10E-03	3.38E-04	2.60E-04	8.66E-05	2.03E-04
1034	625073.91	4265537.28	1.31E-03	4.50E-04	1.09E-03	3.37E-04	2.59E-04	8.62E-05	2.02E-04
1035	625077.44	4265546.19	1.30E-03	4.48E-04	1.09E-03	3.35E-04	2.58E-04	8.58E-05	2.01E-04
1036	625080.96	4265555.1	1.29E-03	4.45E-04	1.08E-03	3.33E-04	2.56E-04	8.53E-05	2.00E-04

1037	625084.49	4265564.01	1.29E-03	4.42E-04	1.08E-03	3.31E-04	2.55E-04	8.48E-05	1.98E-04
1038	625088.02	4265572.92	1.28E-03	4.39E-04	1.07E-03	3.29E-04	2.53E-04	8.42E-05	1.97E-04
1039	625091.54	4265581.83	1.27E-03	4.36E-04	1.06E-03	3.26E-04	2.51E-04	8.35E-05	1.96E-04
1040	625095.07	4265590.74	1.26E-03	4.32E-04	1.05E-03	3.24E-04	2.49E-04	8.28E-05	1.94E-04
1041	625098.59	4265599.65	1.25E-03	4.28E-04	1.04E-03	3.21E-04	2.47E-04	8.21E-05	1.92E-04
1042	625102.12	4265608.56	1.23E-03	4.24E-04	1.03E-03	3.18E-04	2.44E-04	8.13E-05	1.90E-04
1043	625105.65	4265617.47	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04
1044	625109.17	4265626.38	1.21E-03	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04
1045	625112.7	4265635.29	1.19E-03	4.10E-04	9.97E-04	3.07E-04	2.36E-04	7.86E-05	1.84E-04
1046	625116.23	4265644.2	1.18E-03	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04
1047	625119.75	4265653.11	1.16E-03	4.00E-04	9.72E-04	2.99E-04	2.30E-04	7.66E-05	1.79E-04
1048	625123.28	4265662.02	1.15E-03	3.94E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04
1049	625126.81	4265670.93	1.13E-03	3.89E-04	9.45E-04	2.91E-04	2.24E-04	7.45E-05	1.74E-04
1050	624859.18	4265400.34	1.72E-03	5.91E-04	1.44E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04
1051	624849.27	4265400.2	1.73E-03	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04
1052	624839.37	4265400.06	1.75E-03	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04
1053	624829.46	4265399.92	1.76E-03	6.05E-04	1.47E-03	4.53E-04	3.48E-04	1.16E-04	2.72E-04
1054	624819.55	4265399.79	1.77E-03	6.09E-04	1.48E-03	4.56E-04	3.51E-04	1.17E-04	2.73E-04
1055	624809.64	4265399.65	1.78E-03	6.13E-04	1.49E-03	4.59E-04	3.53E-04	1.17E-04	2.75E-04
1056	624799.73	4265399.51	1.79E-03	6.16E-04	1.50E-03	4.61E-04	3.55E-04	1.18E-04	2.76E-04
1057	624789.82	4265399.37	1.80E-03	6.18E-04	1.50E-03	4.63E-04	3.56E-04	1.18E-04	2.77E-04
1058	624779.91	4265399.24	1.80E-03	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04
1059	624770	4265399.1	1.80E-03	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04
1060	624760.09	4265398.96	1.80E-03	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04
1061	624750.19	4265398.83	1.80E-03	6.19E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04
1062	624740.28	4265398.69	1.80E-03	6.18E-04	1.50E-03	4.62E-04	3.55E-04	1.18E-04	2.77E-04
1063	624730.37	4265398.55	1.79E-03	6.15E-04	1.49E-03	4.60E-04	3.54E-04	1.18E-04	2.76E-04
1064	624720.46	4265398.41	1.78E-03	6.12E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.75E-04
1065	624710.55	4265398.28	1.77E-03	6.08E-04	1.48E-03	4.55E-04	3.50E-04	1.17E-04	2.73E-04
1066	624700.64	4265398.14	1.76E-03	6.04E-04	1.47E-03	4.52E-04	3.48E-04	1.16E-04	2.71E-04
1067	624690.73	4265398	1.74E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04
1068	624680.82	4265397.86	1.73E-03	5.95E-04	1.45E-03	4.45E-04	3.42E-04	1.14E-04	2.67E-04
1069	624670.92	4265397.73	1.71E-03	5.90E-04	1.43E-03	4.42E-04	3.39E-04	1.13E-04	2.65E-04
1070	624661.01	4265397.59	1.70E-03	5.84E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04
1071	624651.1	4265397.45	1.68E-03	5.78E-04	1.41E-03	4.33E-04	3.33E-04	1.11E-04	2.59E-04
1072	624641.19	4265397.31	1.66E-03	5.72E-04	1.39E-03	4.28E-04	3.29E-04	1.10E-04	2.57E-04
1073	624631.28	4265397.18	1.64E-03	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.54E-04
1074	624621.37	4265397.04	1.62E-03	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04
1075	624611.46	4265396.9	1.60E-03	5.50E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04
1076	624601.55	4265396.76	1.58E-03	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04
1077	624591.65	4265396.63	1.55E-03	5.34E-04	1.30E-03	4.00E-04	3.07E-04	1.02E-04	2.39E-04
1078	624581.74	4265396.49	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.35E-04
1079	624571.83	4265396.35	1.50E-03	5.15E-04	1.25E-03	3.86E-04	2.97E-04	9.88E-05	2.31E-04
1080	624561.92	4265396.21	1.47E-03	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.69E-05	2.27E-04
1081	624552.01	4265396.08	1.44E-03	4.96E-04	1.21E-03	3.71E-04	2.86E-04	9.50E-05	2.23E-04
1082	624542.1	4265395.94	1.41E-03	4.86E-04	1.18E-03	3.64E-04	2.80E-04	9.31E-05	2.18E-04
1083	624532.19	4265395.8	1.38E-03	4.76E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04
1084	624522.28	4265395.66	1.35E-03	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.92E-05	2.09E-04
1085	624512.37	4265395.53	1.33E-03	4.56E-04	1.11E-03	3.41E-04	2.62E-04	8.73E-05	2.05E-04
1086	624502.47	4265395.39	1.30E-03	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.54E-05	2.00E-04
1087	624492.56	4265395.25	1.27E-03	4.36E-04	1.06E-03	3.27E-04	2.51E-04	8.36E-05	1.96E-04
1088	624482.65	4265395.12	1.24E-03	4.27E-04	1.04E-03	3.19E-04	2.46E-04	8.17E-05	1.91E-04

1089	624472.74	4265394.98	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04
1090	624462.83	4265394.84	1.19E-03	4.08E-04	9.92E-04	3.06E-04	2.35E-04	7.82E-05	1.83E-04
1091	624452.92	4265394.7	1.16E-03	3.99E-04	9.70E-04	2.99E-04	2.30E-04	7.65E-05	1.79E-04
1092	624443.01	4265394.57	1.14E-03	3.91E-04	9.49E-04	2.92E-04	2.25E-04	7.48E-05	1.75E-04
1093	624433.1	4265394.43	1.11E-03	3.82E-04	9.29E-04	2.86E-04	2.20E-04	7.32E-05	1.71E-04
1094	624423.2	4265394.29	1.09E-03	3.74E-04	9.08E-04	2.80E-04	2.15E-04	7.16E-05	1.68E-04
1095	624413.29	4265394.15	1.06E-03	3.66E-04	8.89E-04	2.74E-04	2.10E-04	7.00E-05	1.64E-04
1096	624403.38	4265394.02	1.04E-03	3.57E-04	8.69E-04	2.68E-04	2.06E-04	6.85E-05	1.60E-04
1097	624393.47	4265393.88	1.02E-03	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.69E-05	1.57E-04
1098	624383.56	4265393.74	9.93E-04	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04
1099	624373.65	4265393.6	9.71E-04	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04
1100	624363.74	4265393.47	9.49E-04	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04
1101	624868.33	4265379.13	1.60E-03	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04
1102	624877.13	4265382.93	1.60E-03	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04
1103	624885.93	4265386.72	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04
1104	624894.72	4265390.52	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04
1105	624903.52	4265394.31	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04
1106	624912.32	4265398.11	1.60E-03	5.51E-04	1.34E-03	4.13E-04	3.17E-04	1.06E-04	2.47E-04
1107	624921.12	4265401.9	1.60E-03	5.50E-04	1.34E-03	4.12E-04	3.16E-04	1.05E-04	2.47E-04
1108	624929.92	4265405.7	1.59E-03	5.47E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04
1109	624938.72	4265409.49	1.58E-03	5.44E-04	1.32E-03	4.07E-04	3.13E-04	1.04E-04	2.44E-04
1110	624947.51	4265413.29	1.57E-03	5.40E-04	1.31E-03	4.04E-04	3.11E-04	1.03E-04	2.42E-04
1111	624956.31	4265417.08	1.56E-03	5.35E-04	1.30E-03	4.01E-04	3.08E-04	1.03E-04	2.40E-04
1112	624965.11	4265420.88	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.38E-04
1113	624973.91	4265424.67	1.52E-03	5.23E-04	1.27E-03	3.92E-04	3.01E-04	1.00E-04	2.35E-04
1114	624982.71	4265428.47	1.50E-03	5.16E-04	1.25E-03	3.86E-04	2.97E-04	9.89E-05	2.32E-04
1115	624991.51	4265432.26	1.48E-03	5.08E-04	1.24E-03	3.80E-04	2.93E-04	9.74E-05	2.28E-04
1116	625000.31	4265436.06	1.45E-03	5.00E-04	1.21E-03	3.74E-04	2.88E-04	9.58E-05	2.24E-04
1117	625009.1	4265439.85	1.43E-03	4.91E-04	1.19E-03	3.68E-04	2.83E-04	9.41E-05	2.20E-04
1118	625017.9	4265443.65	1.40E-03	4.82E-04	1.17E-03	3.61E-04	2.77E-04	9.23E-05	2.16E-04
1119	625026.7	4265447.44	1.37E-03	4.72E-04	1.15E-03	3.54E-04	2.72E-04	9.05E-05	2.12E-04
1120	625035.5	4265451.24	1.35E-03	4.63E-04	1.12E-03	3.47E-04	2.66E-04	8.87E-05	2.08E-04
1121	625044.3	4265455.03	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04
1122	625053.1	4265458.83	1.29E-03	4.43E-04	1.08E-03	3.32E-04	2.55E-04	8.49E-05	1.99E-04
1123	625061.9	4265462.62	1.26E-03	4.33E-04	1.05E-03	3.24E-04	2.49E-04	8.30E-05	1.94E-04
1124	625074.22	4265475.33	1.23E-03	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04
1125	625077.75	4265484.24	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04
1126	625081.27	4265493.15	1.22E-03	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.06E-05	1.89E-04
1127	625084.8	4265502.06	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04
1128	625088.33	4265510.97	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04
1129	625091.85	4265519.88	1.21E-03	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04
1130	625095.38	4265528.79	1.21E-03	4.14E-04	1.01E-03	3.10E-04	2.39E-04	7.94E-05	1.86E-04
1131	625098.91	4265537.7	1.20E-03	4.12E-04	1.00E-03	3.09E-04	2.37E-04	7.90E-05	1.85E-04
1132	625102.43	4265546.61	1.19E-03	4.10E-04	9.96E-04	3.07E-04	2.36E-04	7.85E-05	1.84E-04
1133	625105.96	4265555.51	1.18E-03	4.07E-04	9.90E-04	3.05E-04	2.34E-04	7.80E-05	1.83E-04
1134	625109.49	4265564.42	1.18E-03	4.04E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.81E-04
1135	625113.01	4265573.33	1.17E-03	4.01E-04	9.75E-04	3.00E-04	2.31E-04	7.69E-05	1.80E-04
1136	625116.54	4265582.24	1.16E-03	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.79E-04
1137	625120.06	4265591.15	1.15E-03	3.94E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04
1138	625123.59	4265600.06	1.14E-03	3.91E-04	9.49E-04	2.92E-04	2.25E-04	7.48E-05	1.75E-04
1139	625127.12	4265608.97	1.12E-03	3.87E-04	9.40E-04	2.90E-04	2.23E-04	7.41E-05	1.74E-04
1140	625130.64	4265617.88	1.11E-03	3.83E-04	9.30E-04	2.86E-04	2.20E-04	7.33E-05	1.72E-04

1141	625134.17	4265626.79	1.10E-03	3.78E-04	9.19E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04
1142	625137.7	4265635.7	1.09E-03	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.16E-05	1.68E-04
1143	625141.22	4265644.61	1.07E-03	3.69E-04	8.97E-04	2.76E-04	2.13E-04	7.07E-05	1.66E-04
1144	625144.75	4265653.52	1.06E-03	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04
1145	625148.28	4265662.43	1.05E-03	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04
1146	625151.8	4265671.34	1.03E-03	3.55E-04	8.62E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04
1147	624859.53	4265375.34	1.60E-03	5.49E-04	1.33E-03	4.11E-04	3.16E-04	1.05E-04	2.46E-04
1148	624849.62	4265375.2	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04
1149	624839.71	4265375.06	1.62E-03	5.57E-04	1.35E-03	4.17E-04	3.21E-04	1.07E-04	2.50E-04
1150	624829.8	4265374.93	1.63E-03	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.52E-04
1151	624819.89	4265374.79	1.64E-03	5.64E-04	1.37E-03	4.22E-04	3.25E-04	1.08E-04	2.53E-04
1152	624809.99	4265374.65	1.65E-03	5.66E-04	1.38E-03	4.24E-04	3.26E-04	1.09E-04	2.54E-04
1153	624800.08	4265374.51	1.65E-03	5.69E-04	1.38E-03	4.26E-04	3.27E-04	1.09E-04	2.55E-04
1154	624790.17	4265374.38	1.66E-03	5.70E-04	1.39E-03	4.27E-04	3.28E-04	1.09E-04	2.56E-04
1155	624780.26	4265374.24	1.66E-03	5.71E-04	1.39E-03	4.28E-04	3.29E-04	1.09E-04	2.56E-04
1156	624770.35	4265374.1	1.66E-03	5.71E-04	1.39E-03	4.28E-04	3.29E-04	1.09E-04	2.56E-04
1157	624760.44	4265373.96	1.66E-03	5.71E-04	1.39E-03	4.27E-04	3.28E-04	1.09E-04	2.56E-04
1158	624750.53	4265373.83	1.66E-03	5.69E-04	1.38E-03	4.26E-04	3.28E-04	1.09E-04	2.55E-04
1159	624740.62	4265373.69	1.65E-03	5.67E-04	1.38E-03	4.25E-04	3.26E-04	1.09E-04	2.54E-04
1160	624730.72	4265373.55	1.64E-03	5.64E-04	1.37E-03	4.22E-04	3.25E-04	1.08E-04	2.53E-04
1161	624720.81	4265373.42	1.63E-03	5.60E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.52E-04
1162	624710.9	4265373.28	1.62E-03	5.57E-04	1.35E-03	4.17E-04	3.20E-04	1.07E-04	2.50E-04
1163	624700.99	4265373.14	1.61E-03	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04
1164	624691.08	4265373	1.59E-03	5.48E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04
1165	624681.17	4265372.87	1.58E-03	5.43E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04
1166	624671.26	4265372.73	1.56E-03	5.37E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04
1167	624661.35	4265372.59	1.55E-03	5.32E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.39E-04
1168	624651.44	4265372.45	1.53E-03	5.26E-04	1.28E-03	3.94E-04	3.03E-04	1.01E-04	2.36E-04
1169	624641.54	4265372.32	1.51E-03	5.19E-04	1.26E-03	3.89E-04	2.99E-04	9.95E-05	2.33E-04
1170	624631.63	4265372.18	1.49E-03	5.13E-04	1.25E-03	3.84E-04	2.95E-04	9.83E-05	2.30E-04
1171	624621.72	4265372.04	1.47E-03	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.70E-05	2.27E-04
1172	624611.81	4265371.9	1.45E-03	4.99E-04	1.21E-03	3.74E-04	2.87E-04	9.56E-05	2.24E-04
1173	624601.9	4265371.77	1.43E-03	4.92E-04	1.20E-03	3.68E-04	2.83E-04	9.42E-05	2.21E-04
1174	624591.99	4265371.63	1.41E-03	4.84E-04	1.18E-03	3.62E-04	2.79E-04	9.27E-05	2.17E-04
1175	624582.08	4265371.49	1.38E-03	4.76E-04	1.16E-03	3.56E-04	2.74E-04	9.12E-05	2.14E-04
1176	624572.17	4265371.35	1.36E-03	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.97E-05	2.10E-04
1177	624562.27	4265371.22	1.34E-03	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04
1178	624552.36	4265371.08	1.31E-03	4.51E-04	1.10E-03	3.38E-04	2.60E-04	8.64E-05	2.02E-04
1179	624542.45	4265370.94	1.29E-03	4.42E-04	1.07E-03	3.31E-04	2.55E-04	8.47E-05	1.98E-04
1180	624532.54	4265370.8	1.26E-03	4.34E-04	1.05E-03	3.25E-04	2.50E-04	8.31E-05	1.95E-04
1181	624522.63	4265370.67	1.24E-03	4.25E-04	1.03E-03	3.18E-04	2.45E-04	8.14E-05	1.91E-04
1182	624512.72	4265370.53	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04
1183	624502.81	4265370.39	1.19E-03	4.08E-04	9.93E-04	3.06E-04	2.35E-04	7.82E-05	1.83E-04
1184	624492.9	4265370.26	1.16E-03	4.00E-04	9.73E-04	3.00E-04	2.30E-04	7.67E-05	1.80E-04
1185	624483	4265370.12	1.14E-03	3.92E-04	9.53E-04	2.94E-04	2.26E-04	7.51E-05	1.76E-04
1186	624473.09	4265369.98	1.12E-03	3.84E-04	9.34E-04	2.88E-04	2.21E-04	7.36E-05	1.72E-04
1187	624463.18	4265369.84	1.10E-03	3.77E-04	9.15E-04	2.82E-04	2.17E-04	7.22E-05	1.69E-04
1188	624453.27	4265369.71	1.07E-03	3.69E-04	8.97E-04	2.76E-04	2.12E-04	7.07E-05	1.66E-04
1189	624443.36	4265369.57	1.05E-03	3.62E-04	8.79E-04	2.71E-04	2.08E-04	6.93E-05	1.62E-04
1190	624433.45	4265369.43	1.03E-03	3.55E-04	8.62E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04
1191	624423.54	4265369.29	1.01E-03	3.47E-04	8.44E-04	2.60E-04	2.00E-04	6.66E-05	1.56E-04
1192	624413.63	4265369.16	9.90E-04	3.40E-04	8.27E-04	2.55E-04	1.96E-04	6.52E-05	1.53E-04

1193	624403.72	4265369.02	9.69E-04	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04
1194	624393.82	4265368.88	9.49E-04	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04
1195	624383.91	4265368.74	9.29E-04	3.19E-04	7.76E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04
1196	624374	4265368.61	9.09E-04	3.13E-04	7.60E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04
1197	624364.09	4265368.47	8.90E-04	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04
1198	624869.02	4265329.14	1.39E-03	4.80E-04	1.17E-03	3.59E-04	2.76E-04	9.19E-05	2.15E-04
1199	624877.82	4265332.93	1.40E-03	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.23E-05	2.16E-04
1200	624886.62	4265336.73	1.40E-03	4.83E-04	1.17E-03	3.62E-04	2.78E-04	9.25E-05	2.17E-04
1201	624895.42	4265340.52	1.41E-03	4.84E-04	1.18E-03	3.62E-04	2.79E-04	9.27E-05	2.17E-04
1202	624904.22	4265344.32	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.17E-04
1203	624913.01	4265348.11	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04
1204	624921.81	4265351.91	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.28E-05	2.17E-04
1205	624930.61	4265355.7	1.41E-03	4.84E-04	1.18E-03	3.62E-04	2.78E-04	9.27E-05	2.17E-04
1206	624939.41	4265359.5	1.40E-03	4.83E-04	1.17E-03	3.61E-04	2.78E-04	9.24E-05	2.17E-04
1207	624948.21	4265363.29	1.40E-03	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.21E-05	2.16E-04
1208	624957.01	4265367.09	1.39E-03	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.15E-04
1209	624965.81	4265370.88	1.38E-03	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04
1210	624974.6	4265374.68	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.11E-04
1211	624983.4	4265378.47	1.36E-03	4.67E-04	1.13E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04
1212	624992.2	4265382.27	1.34E-03	4.62E-04	1.12E-03	3.46E-04	2.66E-04	8.85E-05	2.07E-04
1213	625001	4265386.06	1.33E-03	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04
1214	625009.8	4265389.86	1.31E-03	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.63E-05	2.02E-04
1215	625018.6	4265393.65	1.29E-03	4.44E-04	1.08E-03	3.32E-04	2.56E-04	8.51E-05	1.99E-04
1216	625027.39	4265397.45	1.27E-03	4.37E-04	1.06E-03	3.27E-04	2.52E-04	8.38E-05	1.96E-04
1217	625036.19	4265401.24	1.25E-03	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.24E-05	1.93E-04
1218	625044.99	4265405.04	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.09E-05	1.90E-04
1219	625053.79	4265408.83	1.21E-03	4.15E-04	1.01E-03	3.10E-04	2.39E-04	7.94E-05	1.86E-04
1220	625062.59	4265412.63	1.18E-03	4.07E-04	9.89E-04	3.05E-04	2.34E-04	7.79E-05	1.83E-04
1221	625071.39	4265416.42	1.16E-03	3.99E-04	9.69E-04	2.99E-04	2.30E-04	7.64E-05	1.79E-04
1222	625080.19	4265420.22	1.14E-03	3.91E-04	9.50E-04	2.93E-04	2.25E-04	7.49E-05	1.75E-04
1223	625088.98	4265424.01	1.11E-03	3.83E-04	9.30E-04	2.87E-04	2.20E-04	7.33E-05	1.72E-04
1224	625097.78	4265427.81	1.09E-03	3.75E-04	9.11E-04	2.81E-04	2.16E-04	7.18E-05	1.68E-04
1225	625110.11	4265440.51	1.06E-03	3.66E-04	8.90E-04	2.74E-04	2.11E-04	7.02E-05	1.64E-04
1226	625113.63	4265449.42	1.06E-03	3.65E-04	8.88E-04	2.74E-04	2.10E-04	7.00E-05	1.64E-04
1227	625117.16	4265458.33	1.06E-03	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04
1228	625120.69	4265467.24	1.06E-03	3.63E-04	8.83E-04	2.72E-04	2.09E-04	6.96E-05	1.63E-04
1229	625124.21	4265476.15	1.05E-03	3.62E-04	8.80E-04	2.71E-04	2.08E-04	6.94E-05	1.62E-04
1230	625127.74	4265485.06	1.05E-03	3.61E-04	8.76E-04	2.70E-04	2.08E-04	6.91E-05	1.62E-04
1231	625131.27	4265493.97	1.04E-03	3.59E-04	8.73E-04	2.69E-04	2.07E-04	6.88E-05	1.61E-04
1232	625134.79	4265502.88	1.04E-03	3.57E-04	8.69E-04	2.68E-04	2.06E-04	6.85E-05	1.60E-04
1233	625138.32	4265511.79	1.03E-03	3.56E-04	8.64E-04	2.66E-04	2.05E-04	6.81E-05	1.60E-04
1234	625141.85	4265520.7	1.03E-03	3.54E-04	8.59E-04	2.65E-04	2.03E-04	6.77E-05	1.59E-04
1235	625145.37	4265529.61	1.02E-03	3.51E-04	8.54E-04	2.63E-04	2.02E-04	6.73E-05	1.58E-04
1236	625148.9	4265538.52	1.02E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04
1237	625152.43	4265547.43	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04
1238	625155.95	4265556.34	1.00E-03	3.44E-04	8.36E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04
1239	625159.48	4265565.25	9.93E-04	3.41E-04	8.30E-04	2.56E-04	1.96E-04	6.54E-05	1.53E-04
1240	625163.01	4265574.16	9.84E-04	3.39E-04	8.23E-04	2.53E-04	1.95E-04	6.49E-05	1.52E-04
1241	625166.53	4265583.07	9.76E-04	3.36E-04	8.16E-04	2.51E-04	1.93E-04	6.43E-05	1.51E-04
1242	625170.06	4265591.98	9.67E-04	3.32E-04	8.08E-04	2.49E-04	1.91E-04	6.37E-05	1.49E-04
1243	625173.58	4265600.89	9.57E-04	3.29E-04	8.00E-04	2.46E-04	1.89E-04	6.31E-05	1.48E-04
1244	625177.11	4265609.8	9.47E-04	3.26E-04	7.92E-04	2.44E-04	1.88E-04	6.24E-05	1.46E-04

1245	625180.64	4265618.7	9.37E-04	3.22E-04	7.83E-04	2.41E-04	1.86E-04	6.18E-05	1.45E-04
1246	625184.16	4265627.61	9.27E-04	3.19E-04	7.75E-04	2.39E-04	1.83E-04	6.11E-05	1.43E-04
1247	625187.69	4265636.52	9.16E-04	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04
1248	625191.22	4265645.43	9.05E-04	3.11E-04	7.56E-04	2.33E-04	1.79E-04	5.96E-05	1.40E-04
1249	625194.74	4265654.34	8.93E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04
1250	625198.27	4265663.25	8.81E-04	3.03E-04	7.37E-04	2.27E-04	1.74E-04	5.81E-05	1.36E-04
1251	625201.8	4265672.16	8.69E-04	2.99E-04	7.27E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04
1252	624860.22	4265325.34	1.39E-03	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.15E-05	2.14E-04
1253	624850.31	4265325.21	1.40E-03	4.80E-04	1.17E-03	3.60E-04	2.76E-04	9.20E-05	2.16E-04
1254	624840.41	4265325.07	1.40E-03	4.83E-04	1.17E-03	3.61E-04	2.78E-04	9.25E-05	2.17E-04
1255	624830.5	4265324.93	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04
1256	624820.59	4265324.79	1.41E-03	4.87E-04	1.18E-03	3.64E-04	2.80E-04	9.32E-05	2.18E-04
1257	624810.68	4265324.66	1.42E-03	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.35E-05	2.19E-04
1258	624800.77	4265324.52	1.42E-03	4.89E-04	1.19E-03	3.66E-04	2.81E-04	9.36E-05	2.19E-04
1259	624790.86	4265324.38	1.42E-03	4.89E-04	1.19E-03	3.66E-04	2.82E-04	9.37E-05	2.19E-04
1260	624780.95	4265324.24	1.42E-03	4.89E-04	1.19E-03	3.66E-04	2.81E-04	9.37E-05	2.19E-04
1261	624771.04	4265324.11	1.42E-03	4.88E-04	1.19E-03	3.66E-04	2.81E-04	9.36E-05	2.19E-04
1262	624761.13	4265323.97	1.42E-03	4.87E-04	1.18E-03	3.65E-04	2.80E-04	9.33E-05	2.19E-04
1263	624751.23	4265323.83	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04
1264	624741.32	4265323.69	1.40E-03	4.82E-04	1.17E-03	3.61E-04	2.78E-04	9.24E-05	2.16E-04
1265	624731.41	4265323.56	1.39E-03	4.79E-04	1.16E-03	3.59E-04	2.76E-04	9.18E-05	2.15E-04
1266	624721.5	4265323.42	1.38E-03	4.75E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04
1267	624711.59	4265323.28	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.11E-04
1268	624701.68	4265323.15	1.36E-03	4.67E-04	1.13E-03	3.49E-04	2.69E-04	8.94E-05	2.09E-04
1269	624691.77	4265323.01	1.34E-03	4.62E-04	1.12E-03	3.46E-04	2.66E-04	8.85E-05	2.07E-04
1270	624681.86	4265322.87	1.33E-03	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04
1271	624671.96	4265322.73	1.31E-03	4.51E-04	1.10E-03	3.38E-04	2.60E-04	8.65E-05	2.03E-04
1272	624662.05	4265322.6	1.30E-03	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.54E-05	2.00E-04
1273	624652.14	4265322.46	1.28E-03	4.40E-04	1.07E-03	3.30E-04	2.53E-04	8.44E-05	1.98E-04
1274	624642.23	4265322.32	1.26E-03	4.35E-04	1.06E-03	3.25E-04	2.50E-04	8.33E-05	1.95E-04
1275	624632.32	4265322.18	1.25E-03	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.21E-05	1.92E-04
1276	624622.41	4265322.05	1.23E-03	4.23E-04	1.03E-03	3.16E-04	2.43E-04	8.10E-05	1.90E-04
1277	624612.5	4265321.91	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04
1278	624602.59	4265321.77	1.19E-03	4.11E-04	9.98E-04	3.07E-04	2.36E-04	7.87E-05	1.84E-04
1279	624592.69	4265321.63	1.18E-03	4.04E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.81E-04
1280	624582.78	4265321.5	1.16E-03	3.98E-04	9.68E-04	2.98E-04	2.29E-04	7.63E-05	1.79E-04
1281	624572.87	4265321.36	1.14E-03	3.92E-04	9.52E-04	2.93E-04	2.26E-04	7.51E-05	1.76E-04
1282	624562.96	4265321.22	1.12E-03	3.85E-04	9.37E-04	2.89E-04	2.22E-04	7.38E-05	1.73E-04
1283	624553.05	4265321.08	1.10E-03	3.79E-04	9.22E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04
1284	624543.14	4265320.95	1.08E-03	3.73E-04	9.06E-04	2.79E-04	2.15E-04	7.14E-05	1.67E-04
1285	624533.23	4265320.81	1.07E-03	3.67E-04	8.91E-04	2.74E-04	2.11E-04	7.02E-05	1.65E-04
1286	624523.32	4265320.67	1.05E-03	3.60E-04	8.76E-04	2.70E-04	2.07E-04	6.90E-05	1.62E-04
1287	624513.41	4265320.53	1.03E-03	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04
1288	624503.51	4265320.4	1.01E-03	3.48E-04	8.46E-04	2.61E-04	2.00E-04	6.67E-05	1.56E-04
1289	624493.6	4265320.26	9.95E-04	3.42E-04	8.32E-04	2.56E-04	1.97E-04	6.56E-05	1.54E-04
1290	624483.69	4265320.12	9.78E-04	3.36E-04	8.18E-04	2.52E-04	1.94E-04	6.45E-05	1.51E-04
1291	624473.78	4265319.99	9.62E-04	3.31E-04	8.04E-04	2.48E-04	1.90E-04	6.34E-05	1.48E-04
1292	624463.87	4265319.85	9.46E-04	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.23E-05	1.46E-04
1293	624453.96	4265319.71	9.30E-04	3.20E-04	7.77E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04
1294	624444.05	4265319.57	9.14E-04	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.02E-05	1.41E-04
1295	624434.14	4265319.44	8.98E-04	3.09E-04	7.51E-04	2.31E-04	1.78E-04	5.92E-05	1.39E-04
1296	624424.24	4265319.3	8.82E-04	3.03E-04	7.37E-04	2.27E-04	1.75E-04	5.81E-05	1.36E-04

1297	624414.33	4265319.16	8.67E-04	2.98E-04	7.24E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04
1298	624404.42	4265319.02	8.51E-04	2.93E-04	7.11E-04	2.19E-04	1.68E-04	5.61E-05	1.31E-04
1299	624394.51	4265318.89	8.35E-04	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04
1300	624384.6	4265318.75	8.20E-04	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.27E-04
1301	624374.69	4265318.61	8.05E-04	2.77E-04	6.73E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04
1302	624364.78	4265318.47	7.90E-04	2.72E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04
1303	624870	4265279.27	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04
1304	624879.08	4265283.18	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04
1305	624888.16	4265287.1	1.24E-03	4.26E-04	1.03E-03	3.19E-04	2.45E-04	8.15E-05	1.91E-04
1306	624897.25	4265291.02	1.24E-03	4.27E-04	1.04E-03	3.20E-04	2.46E-04	8.18E-05	1.92E-04
1307	624906.33	4265294.94	1.25E-03	4.28E-04	1.04E-03	3.21E-04	2.47E-04	8.21E-05	1.92E-04
1308	624915.41	4265298.85	1.25E-03	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.93E-04
1309	624924.49	4265302.77	1.25E-03	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.23E-05	1.93E-04
1310	624933.57	4265306.69	1.25E-03	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.24E-05	1.93E-04
1311	624942.66	4265310.61	1.25E-03	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.23E-05	1.93E-04
1312	624951.74	4265314.52	1.25E-03	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.92E-04
1313	624960.82	4265318.44	1.24E-03	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.19E-05	1.92E-04
1314	624969.9	4265322.36	1.24E-03	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04
1315	624978.99	4265326.27	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04
1316	624988.07	4265330.19	1.22E-03	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.07E-05	1.89E-04
1317	624997.15	4265334.11	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.87E-04
1318	625006.23	4265338.03	1.20E-03	4.14E-04	1.01E-03	3.10E-04	2.38E-04	7.93E-05	1.86E-04
1319	625015.32	4265341.94	1.19E-03	4.10E-04	9.96E-04	3.07E-04	2.36E-04	7.85E-05	1.84E-04
1320	625024.4	4265345.86	1.18E-03	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04
1321	625033.48	4265349.78	1.16E-03	4.00E-04	9.72E-04	2.99E-04	2.30E-04	7.66E-05	1.79E-04
1322	625042.56	4265353.7	1.15E-03	3.94E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04
1323	625051.65	4265357.61	1.13E-03	3.89E-04	9.44E-04	2.91E-04	2.24E-04	7.44E-05	1.74E-04
1324	625060.73	4265361.53	1.11E-03	3.82E-04	9.29E-04	2.86E-04	2.20E-04	7.33E-05	1.72E-04
1325	625069.81	4265365.45	1.09E-03	3.76E-04	9.14E-04	2.81E-04	2.16E-04	7.20E-05	1.69E-04
1326	625078.89	4265369.37	1.07E-03	3.69E-04	8.98E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04
1327	625087.97	4265373.28	1.05E-03	3.63E-04	8.81E-04	2.71E-04	2.09E-04	6.95E-05	1.63E-04
1328	625097.06	4265377.2	1.03E-03	3.56E-04	8.65E-04	2.66E-04	2.05E-04	6.82E-05	1.60E-04
1329	625106.14	4265381.12	1.01E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.68E-05	1.57E-04
1330	625115.22	4265385.04	9.94E-04	3.42E-04	8.31E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04
1331	625124.3	4265388.95	9.74E-04	3.35E-04	8.14E-04	2.51E-04	1.93E-04	6.42E-05	1.50E-04
1332	625133.39	4265392.87	9.54E-04	3.28E-04	7.98E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04
1333	625146.11	4265405.99	9.33E-04	3.21E-04	7.79E-04	2.40E-04	1.85E-04	6.14E-05	1.44E-04
1334	625149.75	4265415.18	9.30E-04	3.20E-04	7.78E-04	2.40E-04	1.84E-04	6.13E-05	1.44E-04
1335	625153.39	4265424.38	9.28E-04	3.19E-04	7.75E-04	2.39E-04	1.84E-04	6.11E-05	1.43E-04
1336	625157.03	4265433.58	9.25E-04	3.18E-04	7.73E-04	2.38E-04	1.83E-04	6.09E-05	1.43E-04
1337	625160.67	4265442.77	9.22E-04	3.17E-04	7.70E-04	2.37E-04	1.82E-04	6.07E-05	1.42E-04
1338	625164.31	4265451.97	9.18E-04	3.16E-04	7.67E-04	2.36E-04	1.82E-04	6.05E-05	1.42E-04
1339	625167.95	4265461.17	9.14E-04	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.02E-05	1.41E-04
1340	625171.59	4265470.36	9.10E-04	3.13E-04	7.61E-04	2.34E-04	1.80E-04	6.00E-05	1.40E-04
1341	625175.23	4265479.56	9.06E-04	3.11E-04	7.57E-04	2.33E-04	1.79E-04	5.97E-05	1.40E-04
1342	625178.87	4265488.76	9.01E-04	3.10E-04	7.53E-04	2.32E-04	1.78E-04	5.93E-05	1.39E-04
1343	625182.51	4265497.96	8.96E-04	3.08E-04	7.49E-04	2.31E-04	1.77E-04	5.90E-05	1.38E-04
1344	625186.15	4265507.15	8.90E-04	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04
1345	625189.79	4265516.35	8.85E-04	3.04E-04	7.39E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04
1346	625193.43	4265525.55	8.79E-04	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04
1347	625197.07	4265534.74	8.73E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04
1348	625200.71	4265543.94	8.66E-04	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04

1349	625204.35	4265553.14	8.59E-04	2.95E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04
1350	625207.99	4265562.33	8.52E-04	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.62E-05	1.32E-04
1351	625211.63	4265571.53	8.45E-04	2.91E-04	7.06E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04
1352	625215.27	4265580.73	8.37E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04
1353	625218.91	4265589.92	8.29E-04	2.85E-04	6.93E-04	2.14E-04	1.64E-04	5.46E-05	1.28E-04
1354	625222.55	4265599.12	8.21E-04	2.82E-04	6.86E-04	2.11E-04	1.63E-04	5.41E-05	1.27E-04
1355	625226.19	4265608.32	8.13E-04	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04
1356	625229.83	4265617.52	8.04E-04	2.76E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04
1357	625233.47	4265626.71	7.95E-04	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04
1358	625237.11	4265635.91	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
1359	625240.75	4265645.11	7.76E-04	2.67E-04	6.48E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04
1360	625244.4	4265654.3	7.66E-04	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04
1361	625248.04	4265663.5	7.55E-04	2.60E-04	6.31E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04
1362	625251.68	4265672.7	7.45E-04	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04
1363	624860.92	4265275.35	1.22E-03	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.03E-05	1.88E-04
1364	624851.01	4265275.21	1.22E-03	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.06E-05	1.89E-04
1365	624841.1	4265275.07	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04
1366	624831.19	4265274.94	1.23E-03	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04
1367	624821.28	4265274.8	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04
1368	624811.37	4265274.66	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04
1369	624801.46	4265274.52	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04
1370	624791.55	4265274.39	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04
1371	624781.65	4265274.25	1.23E-03	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04
1372	624771.74	4265274.11	1.23E-03	4.22E-04	1.02E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04
1373	624761.83	4265273.97	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04
1374	624751.92	4265273.84	1.21E-03	4.18E-04	1.01E-03	3.13E-04	2.40E-04	8.00E-05	1.87E-04
1375	624742.01	4265273.7	1.21E-03	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04
1376	624732.1	4265273.56	1.20E-03	4.11E-04	1.00E-03	3.08E-04	2.37E-04	7.88E-05	1.85E-04
1377	624722.19	4265273.42	1.19E-03	4.08E-04	9.91E-04	3.05E-04	2.35E-04	7.81E-05	1.83E-04
1378	624712.28	4265273.29	1.17E-03	4.04E-04	9.81E-04	3.02E-04	2.32E-04	7.73E-05	1.81E-04
1379	624702.38	4265273.15	1.16E-03	3.99E-04	9.70E-04	2.99E-04	2.30E-04	7.65E-05	1.79E-04
1380	624692.47	4265273.01	1.15E-03	3.95E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04
1381	624682.56	4265272.88	1.13E-03	3.90E-04	9.48E-04	2.92E-04	2.24E-04	7.47E-05	1.75E-04
1382	624672.65	4265272.74	1.12E-03	3.85E-04	9.35E-04	2.88E-04	2.22E-04	7.37E-05	1.73E-04
1383	624662.74	4265272.6	1.10E-03	3.80E-04	9.23E-04	2.84E-04	2.19E-04	7.28E-05	1.70E-04
1384	624652.83	4265272.46	1.09E-03	3.75E-04	9.11E-04	2.80E-04	2.16E-04	7.18E-05	1.68E-04
1385	624642.92	4265272.33	1.07E-03	3.69E-04	8.98E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04
1386	624633.01	4265272.19	1.06E-03	3.64E-04	8.85E-04	2.73E-04	2.10E-04	6.98E-05	1.63E-04
1387	624623.1	4265272.05	1.04E-03	3.59E-04	8.73E-04	2.69E-04	2.07E-04	6.88E-05	1.61E-04
1388	624613.2	4265271.91	1.03E-03	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04
1389	624603.29	4265271.78	1.02E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04
1390	624593.38	4265271.64	1.00E-03	3.44E-04	8.36E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04
1391	624583.47	4265271.5	9.86E-04	3.39E-04	8.24E-04	2.54E-04	1.95E-04	6.50E-05	1.52E-04
1392	624573.56	4265271.36	9.72E-04	3.34E-04	8.12E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04
1393	624563.65	4265271.23	9.58E-04	3.29E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04
1394	624553.74	4265271.09	9.44E-04	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04
1395	624543.83	4265270.95	9.30E-04	3.20E-04	7.78E-04	2.40E-04	1.84E-04	6.13E-05	1.44E-04
1396	624533.93	4265270.81	9.17E-04	3.15E-04	7.66E-04	2.36E-04	1.82E-04	6.04E-05	1.41E-04
1397	624524.02	4265270.68	9.04E-04	3.11E-04	7.55E-04	2.33E-04	1.79E-04	5.95E-05	1.39E-04
1398	624514.11	4265270.54	8.91E-04	3.06E-04	7.45E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04
1399	624504.2	4265270.4	8.78E-04	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04
1400	624494.29	4265270.26	8.65E-04	2.98E-04	7.23E-04	2.23E-04	1.71E-04	5.70E-05	1.34E-04

1401	624484.38	4265270.13	8.53E-04	2.93E-04	7.13E-04	2.19E-04	1.69E-04	5.62E-05	1.32E-04
1402	624474.47	4265269.99	8.40E-04	2.89E-04	7.02E-04	2.16E-04	1.66E-04	5.53E-05	1.30E-04
1403	624464.56	4265269.85	8.28E-04	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04
1404	624454.66	4265269.72	8.16E-04	2.81E-04	6.82E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04
1405	624444.75	4265269.58	8.04E-04	2.76E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04
1406	624434.84	4265269.44	7.92E-04	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04
1407	624424.93	4265269.3	7.79E-04	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04
1408	624415.02	4265269.17	7.67E-04	2.64E-04	6.41E-04	1.98E-04	1.52E-04	5.05E-05	1.18E-04
1409	624405.11	4265269.03	7.55E-04	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04
1410	624395.2	4265268.89	7.43E-04	2.55E-04	6.21E-04	1.91E-04	1.47E-04	4.89E-05	1.15E-04
1411	624385.29	4265268.75	7.31E-04	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.81E-05	1.13E-04
1412	624375.38	4265268.62	7.18E-04	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04
1413	624365.48	4265268.48	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
1414	624870.66	4265229.26	1.08E-03	3.73E-04	9.06E-04	2.79E-04	2.15E-04	7.14E-05	1.67E-04
1415	624879.71	4265233.16	1.09E-03	3.75E-04	9.12E-04	2.81E-04	2.16E-04	7.19E-05	1.68E-04
1416	624888.76	4265237.06	1.10E-03	3.77E-04	9.17E-04	2.82E-04	2.17E-04	7.23E-05	1.69E-04
1417	624897.81	4265240.97	1.10E-03	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04
1418	624906.86	4265244.87	1.11E-03	3.81E-04	9.25E-04	2.85E-04	2.19E-04	7.29E-05	1.71E-04
1419	624915.91	4265248.77	1.11E-03	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.32E-05	1.71E-04
1420	624924.96	4265252.68	1.11E-03	3.83E-04	9.31E-04	2.87E-04	2.21E-04	7.34E-05	1.72E-04
1421	624934.01	4265256.58	1.12E-03	3.84E-04	9.33E-04	2.87E-04	2.21E-04	7.36E-05	1.72E-04
1422	624943.06	4265260.48	1.12E-03	3.84E-04	9.34E-04	2.88E-04	2.21E-04	7.37E-05	1.72E-04
1423	624952.11	4265264.39	1.12E-03	3.85E-04	9.35E-04	2.88E-04	2.21E-04	7.37E-05	1.73E-04
1424	624961.16	4265268.29	1.12E-03	3.84E-04	9.34E-04	2.88E-04	2.21E-04	7.37E-05	1.73E-04
1425	624970.21	4265272.19	1.12E-03	3.84E-04	9.33E-04	2.87E-04	2.21E-04	7.36E-05	1.72E-04
1426	624979.26	4265276.1	1.11E-03	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04
1427	624988.31	4265280	1.11E-03	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.31E-05	1.71E-04
1428	624997.36	4265283.9	1.10E-03	3.80E-04	9.24E-04	2.84E-04	2.19E-04	7.28E-05	1.70E-04
1429	625006.41	4265287.81	1.10E-03	3.78E-04	9.18E-04	2.83E-04	2.17E-04	7.24E-05	1.70E-04
1430	625015.46	4265291.71	1.09E-03	3.75E-04	9.12E-04	2.81E-04	2.16E-04	7.19E-05	1.68E-04
1431	625024.51	4265295.62	1.08E-03	3.72E-04	9.05E-04	2.79E-04	2.14E-04	7.13E-05	1.67E-04
1432	625033.56	4265299.52	1.07E-03	3.69E-04	8.97E-04	2.76E-04	2.12E-04	7.07E-05	1.66E-04
1433	625042.61	4265303.42	1.06E-03	3.65E-04	8.87E-04	2.73E-04	2.10E-04	6.99E-05	1.64E-04
1434	625051.66	4265307.33	1.05E-03	3.61E-04	8.77E-04	2.70E-04	2.08E-04	6.92E-05	1.62E-04
1435	625060.71	4265311.23	1.04E-03	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04
1436	625069.76	4265315.13	1.02E-03	3.52E-04	8.55E-04	2.63E-04	2.03E-04	6.74E-05	1.58E-04
1437	625078.81	4265319.04	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04
1438	625087.86	4265322.94	9.93E-04	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04
1439	625096.91	4265326.84	9.77E-04	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04
1440	625105.96	4265330.75	9.61E-04	3.30E-04	8.03E-04	2.47E-04	1.90E-04	6.33E-05	1.48E-04
1441	625115.01	4265334.65	9.44E-04	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04
1442	625124.06	4265338.55	9.27E-04	3.19E-04	7.75E-04	2.39E-04	1.84E-04	6.11E-05	1.43E-04
1443	625133.11	4265342.46	9.10E-04	3.13E-04	7.61E-04	2.34E-04	1.80E-04	6.00E-05	1.40E-04
1444	625142.16	4265346.36	8.94E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04
1445	625151.21	4265350.26	8.77E-04	3.01E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04
1446	625160.26	4265354.17	8.60E-04	2.96E-04	7.19E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04
1447	625169.31	4265358.07	8.43E-04	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04
1448	625181.98	4265371.14	8.25E-04	2.84E-04	6.89E-04	2.12E-04	1.63E-04	5.43E-05	1.27E-04
1449	625185.61	4265380.3	8.23E-04	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04
1450	625189.24	4265389.47	8.21E-04	2.82E-04	6.86E-04	2.11E-04	1.62E-04	5.41E-05	1.27E-04
1451	625192.87	4265398.63	8.18E-04	2.81E-04	6.84E-04	2.11E-04	1.62E-04	5.39E-05	1.26E-04
1452	625196.49	4265407.79	8.16E-04	2.80E-04	6.82E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04

1453	625200.12	4265416.96	8.13E-04	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04
1454	625203.75	4265426.12	8.10E-04	2.78E-04	6.77E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04
1455	625207.37	4265435.29	8.06E-04	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.31E-05	1.24E-04
1456	625211	4265444.45	8.03E-04	2.76E-04	6.71E-04	2.07E-04	1.59E-04	5.29E-05	1.24E-04
1457	625214.63	4265453.61	7.99E-04	2.75E-04	6.68E-04	2.06E-04	1.58E-04	5.26E-05	1.23E-04
1458	625218.26	4265462.78	7.95E-04	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04
1459	625221.88	4265471.94	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04
1460	625225.51	4265481.11	7.87E-04	2.70E-04	6.57E-04	2.02E-04	1.56E-04	5.18E-05	1.21E-04
1461	625229.14	4265490.27	7.82E-04	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04
1462	625232.76	4265499.44	7.77E-04	2.67E-04	6.50E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04
1463	625236.39	4265508.6	7.72E-04	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04
1464	625240.02	4265517.76	7.67E-04	2.64E-04	6.41E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04
1465	625243.65	4265526.93	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04
1466	625247.27	4265536.09	7.56E-04	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04
1467	625250.9	4265545.26	7.51E-04	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04
1468	625254.53	4265554.42	7.45E-04	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04
1469	625258.16	4265563.58	7.39E-04	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04
1470	625261.78	4265572.75	7.32E-04	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04
1471	625265.41	4265581.91	7.26E-04	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04
1472	625269.04	4265591.08	7.19E-04	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04
1473	625272.66	4265600.24	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
1474	625276.29	4265609.4	7.05E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
1475	625279.92	4265618.57	6.97E-04	2.40E-04	5.83E-04	1.79E-04	1.38E-04	4.59E-05	1.08E-04
1476	625283.55	4265627.73	6.89E-04	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04
1477	625287.17	4265636.9	6.81E-04	2.34E-04	5.69E-04	1.75E-04	1.35E-04	4.49E-05	1.05E-04
1478	625290.8	4265646.06	6.73E-04	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04
1479	625294.43	4265655.23	6.64E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.38E-05	1.02E-04
1480	625298.05	4265664.39	6.55E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04
1481	625301.68	4265673.55	6.47E-04	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.26E-05	9.98E-05
1482	624861.61	4265225.35	1.08E-03	3.70E-04	9.00E-04	2.77E-04	2.13E-04	7.09E-05	1.66E-04
1483	624851.7	4265225.22	1.08E-03	3.71E-04	9.02E-04	2.78E-04	2.13E-04	7.11E-05	1.66E-04
1484	624841.79	4265225.08	1.08E-03	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04
1485	624831.88	4265224.94	1.08E-03	3.71E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04
1486	624821.97	4265224.8	1.08E-03	3.71E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04
1487	624812.07	4265224.67	1.08E-03	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04
1488	624802.16	4265224.53	1.08E-03	3.71E-04	9.01E-04	2.77E-04	2.13E-04	7.10E-05	1.66E-04
1489	624792.25	4265224.39	1.08E-03	3.70E-04	8.99E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04
1490	624782.34	4265224.25	1.07E-03	3.68E-04	8.96E-04	2.76E-04	2.12E-04	7.06E-05	1.65E-04
1491	624772.43	4265224.12	1.07E-03	3.67E-04	8.92E-04	2.75E-04	2.11E-04	7.03E-05	1.65E-04
1492	624762.52	4265223.98	1.06E-03	3.65E-04	8.87E-04	2.73E-04	2.10E-04	6.99E-05	1.64E-04
1493	624752.61	4265223.84	1.05E-03	3.63E-04	8.81E-04	2.72E-04	2.09E-04	6.95E-05	1.63E-04
1494	624742.7	4265223.7	1.05E-03	3.60E-04	8.75E-04	2.70E-04	2.07E-04	6.90E-05	1.62E-04
1495	624732.79	4265223.57	1.04E-03	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.84E-05	1.60E-04
1496	624722.89	4265223.43	1.03E-03	3.53E-04	8.59E-04	2.64E-04	2.03E-04	6.77E-05	1.59E-04
1497	624712.98	4265223.29	1.02E-03	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04
1498	624703.07	4265223.15	1.00E-03	3.45E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04
1499	624693.16	4265223.02	9.93E-04	3.41E-04	8.30E-04	2.56E-04	1.96E-04	6.54E-05	1.53E-04
1500	624683.25	4265222.88	9.80E-04	3.37E-04	8.19E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04
1501	624673.34	4265222.74	9.67E-04	3.33E-04	8.08E-04	2.49E-04	1.91E-04	6.37E-05	1.49E-04
1502	624663.43	4265222.61	9.54E-04	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.28E-05	1.47E-04
1503	624653.52	4265222.47	9.41E-04	3.23E-04	7.86E-04	2.42E-04	1.86E-04	6.20E-05	1.45E-04
1504	624643.62	4265222.33	9.27E-04	3.19E-04	7.75E-04	2.39E-04	1.84E-04	6.11E-05	1.43E-04

1505	624633.71	4265222.19	9.15E-04	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.03E-05	1.41E-04
1506	624623.8	4265222.06	9.02E-04	3.10E-04	7.54E-04	2.32E-04	1.79E-04	5.94E-05	1.39E-04
1507	624613.89	4265221.92	8.89E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04
1508	624603.98	4265221.78	8.77E-04	3.02E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04
1509	624594.07	4265221.64	8.66E-04	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.70E-05	1.34E-04
1510	624584.16	4265221.51	8.54E-04	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04
1511	624574.25	4265221.37	8.43E-04	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04
1512	624564.35	4265221.23	8.32E-04	2.86E-04	6.95E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04
1513	624554.44	4265221.09	8.21E-04	2.82E-04	6.87E-04	2.11E-04	1.63E-04	5.41E-05	1.27E-04
1514	624544.53	4265220.96	8.11E-04	2.79E-04	6.78E-04	2.09E-04	1.61E-04	5.34E-05	1.25E-04
1515	624534.62	4265220.82	8.01E-04	2.75E-04	6.69E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04
1516	624524.71	4265220.68	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04
1517	624514.8	4265220.54	7.81E-04	2.69E-04	6.53E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04
1518	624504.89	4265220.41	7.71E-04	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04
1519	624494.98	4265220.27	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04
1520	624485.07	4265220.13	7.52E-04	2.59E-04	6.28E-04	1.94E-04	1.49E-04	4.95E-05	1.16E-04
1521	624475.17	4265219.99	7.42E-04	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.89E-05	1.14E-04
1522	624465.26	4265219.86	7.33E-04	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04
1523	624455.35	4265219.72	7.23E-04	2.49E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.12E-04
1524	624445.44	4265219.58	7.14E-04	2.45E-04	5.97E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04
1525	624435.53	4265219.45	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
1526	624425.62	4265219.31	6.95E-04	2.39E-04	5.81E-04	1.79E-04	1.37E-04	4.58E-05	1.07E-04
1527	624415.71	4265219.17	6.85E-04	2.36E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04
1528	624405.8	4265219.03	6.75E-04	2.32E-04	5.64E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04
1529	624395.9	4265218.9	6.65E-04	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.38E-05	1.03E-04
1530	624385.99	4265218.76	6.56E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04
1531	624376.08	4265218.62	6.46E-04	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.25E-05	9.96E-05
1532	624366.17	4265218.48	6.36E-04	2.19E-04	5.31E-04	1.64E-04	1.26E-04	4.19E-05	9.81E-05
1533	624871.33	4265179.25	9.64E-04	3.31E-04	8.05E-04	2.48E-04	1.91E-04	6.35E-05	1.49E-04
1534	624880.35	4265183.14	9.71E-04	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04
1535	624889.37	4265187.04	9.77E-04	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04
1536	624898.4	4265190.93	9.83E-04	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04
1537	624907.42	4265194.82	9.89E-04	3.40E-04	8.26E-04	2.55E-04	1.96E-04	6.51E-05	1.53E-04
1538	624916.45	4265198.71	9.93E-04	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04
1539	624925.47	4265202.6	9.98E-04	3.43E-04	8.34E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04
1540	624934.5	4265206.5	1.00E-03	3.44E-04	8.37E-04	2.58E-04	1.98E-04	6.60E-05	1.55E-04
1541	624943.52	4265210.39	1.00E-03	3.45E-04	8.39E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04
1542	624952.54	4265214.28	1.01E-03	3.46E-04	8.41E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04
1543	624961.57	4265218.17	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04
1544	624970.59	4265222.07	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04
1545	624979.62	4265225.96	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04
1546	624988.64	4265229.85	1.01E-03	3.46E-04	8.42E-04	2.59E-04	1.99E-04	6.64E-05	1.55E-04
1547	624997.66	4265233.74	1.01E-03	3.46E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04
1548	625006.69	4265237.64	1.00E-03	3.45E-04	8.38E-04	2.58E-04	1.98E-04	6.60E-05	1.55E-04
1549	625015.71	4265241.53	9.98E-04	3.43E-04	8.34E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04
1550	625024.74	4265245.42	9.93E-04	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04
1551	625033.76	4265249.31	9.88E-04	3.40E-04	8.26E-04	2.54E-04	1.95E-04	6.51E-05	1.52E-04
1552	625042.79	4265253.2	9.81E-04	3.37E-04	8.20E-04	2.53E-04	1.94E-04	6.46E-05	1.51E-04
1553	625051.81	4265257.1	9.73E-04	3.35E-04	8.13E-04	2.50E-04	1.93E-04	6.41E-05	1.50E-04
1554	625060.83	4265260.99	9.64E-04	3.31E-04	8.06E-04	2.48E-04	1.91E-04	6.35E-05	1.49E-04
1555	625069.86	4265264.88	9.54E-04	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04
1556	625078.88	4265268.77	9.43E-04	3.24E-04	7.88E-04	2.43E-04	1.87E-04	6.21E-05	1.46E-04

1557	625087.91	4265272.67	9.32E-04	3.20E-04	7.79E-04	2.40E-04	1.84E-04	6.14E-05	1.44E-04
1558	625096.93	4265276.56	9.20E-04	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04
1559	625105.95	4265280.45	9.07E-04	3.12E-04	7.58E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04
1560	625114.98	4265284.34	8.94E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04
1561	625124	4265288.24	8.80E-04	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04
1562	625133.03	4265292.13	8.66E-04	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04
1563	625142.05	4265296.02	8.52E-04	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04
1564	625151.07	4265299.91	8.37E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04
1565	625160.1	4265303.8	8.23E-04	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04
1566	625169.12	4265307.7	8.09E-04	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04
1567	625178.15	4265311.59	7.94E-04	2.73E-04	6.64E-04	2.04E-04	1.57E-04	5.23E-05	1.23E-04
1568	625187.17	4265315.48	7.80E-04	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04
1569	625196.2	4265319.37	7.66E-04	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04
1570	625205.22	4265323.27	7.52E-04	2.59E-04	6.28E-04	1.94E-04	1.49E-04	4.95E-05	1.16E-04
1571	625217.86	4265336.3	7.36E-04	2.53E-04	6.15E-04	1.90E-04	1.46E-04	4.85E-05	1.14E-04
1572	625221.48	4265345.43	7.35E-04	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04
1573	625225.09	4265354.57	7.33E-04	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04
1574	625228.71	4265363.71	7.31E-04	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.81E-05	1.13E-04
1575	625232.33	4265372.85	7.28E-04	2.50E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04
1576	625235.95	4265381.99	7.26E-04	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04
1577	625239.56	4265391.12	7.23E-04	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04
1578	625243.18	4265400.26	7.21E-04	2.48E-04	6.02E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04
1579	625246.8	4265409.4	7.18E-04	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04
1580	625250.41	4265418.54	7.15E-04	2.46E-04	5.97E-04	1.84E-04	1.41E-04	4.71E-05	1.10E-04
1581	625254.03	4265427.68	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
1582	625257.65	4265436.81	7.09E-04	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04
1583	625261.26	4265445.95	7.05E-04	2.43E-04	5.89E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
1584	625264.88	4265455.09	7.02E-04	2.41E-04	5.87E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04
1585	625268.5	4265464.23	6.98E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04
1586	625272.11	4265473.37	6.94E-04	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04
1587	625275.73	4265482.5	6.90E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04
1588	625279.35	4265491.64	6.86E-04	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04
1589	625282.96	4265500.78	6.82E-04	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.49E-05	1.05E-04
1590	625286.58	4265509.92	6.78E-04	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.47E-05	1.05E-04
1591	625290.2	4265519.06	6.73E-04	2.31E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04
1592	625293.82	4265528.19	6.68E-04	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04
1593	625297.43	4265537.33	6.64E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04
1594	625301.05	4265546.47	6.59E-04	2.26E-04	5.50E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04
1595	625304.67	4265555.61	6.53E-04	2.25E-04	5.46E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04
1596	625308.28	4265564.75	6.48E-04	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04
1597	625311.9	4265573.88	6.42E-04	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.91E-05
1598	625315.52	4265583.02	6.37E-04	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.82E-05
1599	625319.13	4265592.16	6.31E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.16E-05	9.73E-05
1600	625322.75	4265601.3	6.25E-04	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.11E-05	9.64E-05
1601	625326.37	4265610.44	6.18E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05
1602	625329.98	4265619.57	6.11E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05
1603	625333.6	4265628.71	6.04E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.32E-05
1604	625337.22	4265637.85	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.22E-05
1605	625340.83	4265646.99	5.90E-04	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.89E-05	9.10E-05
1606	625344.45	4265656.13	5.82E-04	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05
1607	625348.07	4265665.26	5.75E-04	1.98E-04	4.80E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05
1608	625351.69	4265674.4	5.67E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05

1609	624862.3	4265175.36	9.56E-04	3.29E-04	7.99E-04	2.46E-04	1.89E-04	6.30E-05	1.47E-04
1610	624852.39	4265175.22	9.56E-04	3.29E-04	7.99E-04	2.46E-04	1.89E-04	6.30E-05	1.47E-04
1611	624842.48	4265175.08	9.55E-04	3.28E-04	7.98E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04
1612	624832.58	4265174.95	9.54E-04	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04
1613	624822.67	4265174.81	9.53E-04	3.28E-04	7.96E-04	2.45E-04	1.89E-04	6.28E-05	1.47E-04
1614	624812.76	4265174.67	9.51E-04	3.27E-04	7.94E-04	2.45E-04	1.88E-04	6.26E-05	1.47E-04
1615	624802.85	4265174.53	9.48E-04	3.26E-04	7.92E-04	2.44E-04	1.88E-04	6.24E-05	1.46E-04
1616	624792.94	4265174.4	9.44E-04	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04
1617	624783.03	4265174.26	9.40E-04	3.23E-04	7.86E-04	2.42E-04	1.86E-04	6.19E-05	1.45E-04
1618	624773.12	4265174.12	9.35E-04	3.22E-04	7.82E-04	2.41E-04	1.85E-04	6.16E-05	1.44E-04
1619	624763.21	4265173.98	9.30E-04	3.20E-04	7.77E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04
1620	624753.31	4265173.85	9.23E-04	3.17E-04	7.72E-04	2.38E-04	1.83E-04	6.08E-05	1.42E-04
1621	624743.4	4265173.71	9.16E-04	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04
1622	624733.49	4265173.57	9.07E-04	3.12E-04	7.58E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04
1623	624723.58	4265173.43	8.98E-04	3.09E-04	7.51E-04	2.31E-04	1.78E-04	5.92E-05	1.39E-04
1624	624713.67	4265173.3	8.88E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04
1625	624703.76	4265173.16	8.78E-04	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04
1626	624693.85	4265173.02	8.68E-04	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.72E-05	1.34E-04
1627	624683.94	4265172.88	8.57E-04	2.95E-04	7.16E-04	2.21E-04	1.70E-04	5.65E-05	1.32E-04
1628	624674.04	4265172.75	8.46E-04	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.31E-04
1629	624664.13	4265172.61	8.34E-04	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04
1630	624654.22	4265172.47	8.23E-04	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04
1631	624644.31	4265172.34	8.12E-04	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04
1632	624634.4	4265172.2	8.01E-04	2.75E-04	6.69E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04
1633	624624.49	4265172.06	7.90E-04	2.72E-04	6.60E-04	2.03E-04	1.56E-04	5.21E-05	1.22E-04
1634	624614.58	4265171.92	7.80E-04	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04
1635	624604.67	4265171.79	7.69E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04
1636	624594.76	4265171.65	7.60E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04
1637	624584.86	4265171.51	7.50E-04	2.58E-04	6.27E-04	1.93E-04	1.49E-04	4.94E-05	1.16E-04
1638	624574.95	4265171.37	7.41E-04	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04
1639	624565.04	4265171.24	7.33E-04	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04
1640	624555.13	4265171.1	7.24E-04	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04
1641	624545.22	4265170.96	7.16E-04	2.46E-04	5.99E-04	1.84E-04	1.42E-04	4.72E-05	1.11E-04
1642	624535.31	4265170.82	7.08E-04	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04
1643	624525.4	4265170.69	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04
1644	624515.49	4265170.55	6.93E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04
1645	624505.59	4265170.41	6.85E-04	2.36E-04	5.73E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04
1646	624495.68	4265170.27	6.77E-04	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.05E-04
1647	624485.77	4265170.14	6.70E-04	2.30E-04	5.60E-04	1.72E-04	1.33E-04	4.41E-05	1.03E-04
1648	624475.86	4265170	6.62E-04	2.28E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04
1649	624465.95	4265169.86	6.54E-04	2.25E-04	5.47E-04	1.68E-04	1.30E-04	4.31E-05	1.01E-04
1650	624456.04	4265169.72	6.47E-04	2.22E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05
1651	624446.13	4265169.59	6.39E-04	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.86E-05
1652	624436.22	4265169.45	6.31E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.74E-05
1653	624426.32	4265169.31	6.24E-04	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05
1654	624416.41	4265169.18	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.50E-05
1655	624406.5	4265169.04	6.08E-04	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05
1656	624396.59	4265168.9	6.00E-04	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.26E-05
1657	624386.68	4265168.76	5.92E-04	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05
1658	624376.77	4265168.63	5.84E-04	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05
1659	624366.86	4265168.49	5.76E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.88E-05
1660	624872	4265129.25	8.60E-04	2.96E-04	7.19E-04	2.21E-04	1.70E-04	5.67E-05	1.33E-04

1661	624881	4265133.13	8.67E-04	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04
1662	624890.01	4265137.01	8.74E-04	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04
1663	624899.01	4265140.9	8.81E-04	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04
1664	624908.01	4265144.78	8.86E-04	3.05E-04	7.41E-04	2.28E-04	1.75E-04	5.84E-05	1.37E-04
1665	624917.01	4265148.66	8.92E-04	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04
1666	624926.02	4265152.55	8.97E-04	3.08E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.38E-04
1667	624935.02	4265156.43	9.01E-04	3.10E-04	7.53E-04	2.32E-04	1.78E-04	5.94E-05	1.39E-04
1668	624944.02	4265160.31	9.05E-04	3.11E-04	7.57E-04	2.33E-04	1.79E-04	5.97E-05	1.40E-04
1669	624953.03	4265164.2	9.09E-04	3.13E-04	7.60E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04
1670	624962.03	4265168.08	9.12E-04	3.14E-04	7.62E-04	2.35E-04	1.80E-04	6.01E-05	1.41E-04
1671	624971.03	4265171.96	9.14E-04	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.02E-05	1.41E-04
1672	624980.04	4265175.85	9.16E-04	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04
1673	624989.04	4265179.73	9.17E-04	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.04E-05	1.41E-04
1674	624998.04	4265183.61	9.17E-04	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.04E-05	1.41E-04
1675	625007.05	4265187.5	9.16E-04	3.15E-04	7.66E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04
1676	625016.05	4265191.38	9.14E-04	3.14E-04	7.64E-04	2.35E-04	1.81E-04	6.02E-05	1.41E-04
1677	625025.05	4265195.26	9.12E-04	3.14E-04	7.62E-04	2.35E-04	1.80E-04	6.01E-05	1.41E-04
1678	625034.06	4265199.14	9.09E-04	3.12E-04	7.59E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04
1679	625043.06	4265203.03	9.04E-04	3.11E-04	7.56E-04	2.33E-04	1.79E-04	5.96E-05	1.40E-04
1680	625052.06	4265206.91	8.99E-04	3.09E-04	7.52E-04	2.32E-04	1.78E-04	5.93E-05	1.39E-04
1681	625061.07	4265210.79	8.94E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04
1682	625070.07	4265214.68	8.87E-04	3.05E-04	7.41E-04	2.28E-04	1.76E-04	5.84E-05	1.37E-04
1683	625079.07	4265218.56	8.80E-04	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.80E-05	1.36E-04
1684	625088.07	4265222.44	8.71E-04	3.00E-04	7.28E-04	2.24E-04	1.73E-04	5.74E-05	1.34E-04
1685	625097.08	4265226.33	8.63E-04	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04
1686	625106.08	4265230.21	8.53E-04	2.93E-04	7.13E-04	2.20E-04	1.69E-04	5.62E-05	1.32E-04
1687	625115.08	4265234.09	8.43E-04	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04
1688	625124.09	4265237.98	8.32E-04	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04
1689	625133.09	4265241.86	8.21E-04	2.82E-04	6.86E-04	2.11E-04	1.63E-04	5.41E-05	1.27E-04
1690	625142.09	4265245.74	8.10E-04	2.78E-04	6.77E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04
1691	625151.1	4265249.63	7.98E-04	2.74E-04	6.67E-04	2.05E-04	1.58E-04	5.26E-05	1.23E-04
1692	625160.1	4265253.51	7.86E-04	2.70E-04	6.57E-04	2.02E-04	1.56E-04	5.18E-05	1.21E-04
1693	625169.1	4265257.39	7.74E-04	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.19E-04
1694	625178.11	4265261.28	7.61E-04	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04
1695	625187.11	4265265.16	7.49E-04	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.16E-04
1696	625196.11	4265269.04	7.36E-04	2.53E-04	6.15E-04	1.90E-04	1.46E-04	4.85E-05	1.14E-04
1697	625205.12	4265272.93	7.24E-04	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04
1698	625214.12	4265276.81	7.11E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
1699	625223.12	4265280.69	6.99E-04	2.40E-04	5.84E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04
1700	625232.12	4265284.58	6.87E-04	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04
1701	625241.13	4265288.46	6.75E-04	2.32E-04	5.64E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04
1702	625253.74	4265301.46	6.62E-04	2.28E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04
1703	625257.35	4265310.58	6.60E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04
1704	625260.96	4265319.69	6.59E-04	2.27E-04	5.51E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04
1705	625264.57	4265328.81	6.57E-04	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04
1706	625268.17	4265337.93	6.55E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04
1707	625271.78	4265347.04	6.53E-04	2.25E-04	5.46E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04
1708	625275.39	4265356.16	6.51E-04	2.24E-04	5.44E-04	1.68E-04	1.29E-04	4.29E-05	1.01E-04
1709	625279	4265365.28	6.49E-04	2.23E-04	5.43E-04	1.67E-04	1.29E-04	4.28E-05	1.00E-04
1710	625282.61	4265374.39	6.47E-04	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05
1711	625286.22	4265383.51	6.45E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05
1712	625289.82	4265392.63	6.42E-04	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.91E-05

1713	625293.43	4265401.74	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.87E-05
1714	625297.04	4265410.86	6.37E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.83E-05
1715	625300.65	4265419.98	6.34E-04	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05
1716	625304.26	4265429.09	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05
1717	625307.87	4265438.21	6.29E-04	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05
1718	625311.48	4265447.33	6.26E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05
1719	625315.08	4265456.44	6.22E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05
1720	625318.69	4265465.56	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05
1721	625322.3	4265474.68	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.50E-05
1722	625325.91	4265483.8	6.12E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.03E-05	9.45E-05
1723	625329.52	4265492.91	6.09E-04	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05
1724	625333.13	4265502.03	6.05E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.33E-05
1725	625336.73	4265511.15	6.01E-04	2.07E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.27E-05
1726	625340.34	4265520.26	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05
1727	625343.95	4265529.38	5.93E-04	2.04E-04	4.95E-04	1.53E-04	1.17E-04	3.90E-05	9.14E-05
1728	625347.56	4265538.5	5.88E-04	2.02E-04	4.92E-04	1.51E-04	1.16E-04	3.88E-05	9.08E-05
1729	625351.17	4265547.61	5.84E-04	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05
1730	625354.78	4265556.73	5.79E-04	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05
1731	625358.39	4265565.85	5.74E-04	1.97E-04	4.80E-04	1.48E-04	1.14E-04	3.78E-05	8.86E-05
1732	625361.99	4265574.96	5.69E-04	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.78E-05
1733	625365.6	4265584.08	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05
1734	625369.21	4265593.2	5.59E-04	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.62E-05
1735	625372.82	4265602.31	5.53E-04	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.53E-05
1736	625376.43	4265611.43	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.61E-05	8.44E-05
1737	625380.04	4265620.55	5.41E-04	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.57E-05	8.35E-05
1738	625383.64	4265629.66	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05
1739	625387.25	4265638.78	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05
1740	625390.86	4265647.9	5.22E-04	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05
1741	625394.47	4265657.01	5.16E-04	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05
1742	625398.08	4265666.13	5.09E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05
1743	625401.69	4265675.25	5.02E-04	1.73E-04	4.20E-04	1.29E-04	9.94E-05	3.31E-05	7.75E-05
1744	624863	4265125.36	8.52E-04	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04
1745	624853.09	4265125.23	8.51E-04	2.93E-04	7.11E-04	2.19E-04	1.68E-04	5.61E-05	1.31E-04
1746	624843.18	4265125.09	8.49E-04	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.59E-05	1.31E-04
1747	624833.27	4265124.95	8.47E-04	2.91E-04	7.08E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04
1748	624823.36	4265124.81	8.45E-04	2.90E-04	7.06E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04
1749	624813.45	4265124.68	8.42E-04	2.89E-04	7.04E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04
1750	624803.54	4265124.54	8.38E-04	2.88E-04	7.01E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04
1751	624793.63	4265124.4	8.35E-04	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04
1752	624783.73	4265124.26	8.30E-04	2.86E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04
1753	624773.82	4265124.13	8.26E-04	2.84E-04	6.90E-04	2.13E-04	1.63E-04	5.44E-05	1.27E-04
1754	624763.91	4265123.99	8.20E-04	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.27E-04
1755	624754	4265123.85	8.14E-04	2.80E-04	6.81E-04	2.10E-04	1.61E-04	5.36E-05	1.26E-04
1756	624744.09	4265123.71	8.08E-04	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04
1757	624734.18	4265123.58	8.00E-04	2.75E-04	6.69E-04	2.06E-04	1.58E-04	5.27E-05	1.24E-04
1758	624724.27	4265123.44	7.92E-04	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04
1759	624714.36	4265123.3	7.84E-04	2.70E-04	6.55E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
1760	624704.46	4265123.16	7.75E-04	2.67E-04	6.48E-04	2.00E-04	1.53E-04	5.11E-05	1.20E-04
1761	624694.55	4265123.03	7.67E-04	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04
1762	624684.64	4265122.89	7.57E-04	2.60E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04
1763	624674.73	4265122.75	7.48E-04	2.57E-04	6.25E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04
1764	624664.82	4265122.61	7.38E-04	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04

1765	624654.91	4265122.48	7.29E-04	2.51E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04
1766	624645	4265122.34	7.19E-04	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04
1767	624635.09	4265122.2	7.10E-04	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
1768	624625.18	4265122.07	7.01E-04	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04
1769	624615.28	4265121.93	6.92E-04	2.38E-04	5.78E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04
1770	624605.37	4265121.79	6.84E-04	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04
1771	624595.46	4265121.65	6.75E-04	2.32E-04	5.65E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04
1772	624585.55	4265121.52	6.68E-04	2.30E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04
1773	624575.64	4265121.38	6.60E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04
1774	624565.73	4265121.24	6.53E-04	2.25E-04	5.46E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04
1775	624555.82	4265121.1	6.46E-04	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.26E-05	9.97E-05
1776	624545.91	4265120.97	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05
1777	624536.01	4265120.83	6.33E-04	2.18E-04	5.29E-04	1.63E-04	1.25E-04	4.17E-05	9.77E-05
1778	624526.1	4265120.69	6.27E-04	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05
1779	624516.19	4265120.55	6.20E-04	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05
1780	624506.28	4265120.42	6.14E-04	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05
1781	624496.37	4265120.28	6.08E-04	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05
1782	624486.46	4265120.14	6.01E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05
1783	624476.55	4265120	5.95E-04	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.92E-05	9.19E-05
1784	624466.64	4265119.87	5.89E-04	2.03E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05
1785	624456.74	4265119.73	5.83E-04	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05
1786	624446.83	4265119.59	5.77E-04	1.98E-04	4.82E-04	1.48E-04	1.14E-04	3.80E-05	8.90E-05
1787	624436.92	4265119.45	5.70E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05
1788	624427.01	4265119.32	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05
1789	624417.1	4265119.18	5.57E-04	1.92E-04	4.66E-04	1.43E-04	1.10E-04	3.67E-05	8.60E-05
1790	624407.19	4265119.04	5.51E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.63E-05	8.49E-05
1791	624397.28	4265118.91	5.44E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05
1792	624387.37	4265118.77	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
1793	624377.46	4265118.63	5.31E-04	1.82E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05
1794	624367.56	4265118.49	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.09E-05
1795	624872.67	4265079.24	7.70E-04	2.65E-04	6.44E-04	1.98E-04	1.52E-04	5.08E-05	1.19E-04
1796	624881.66	4265083.12	7.78E-04	2.67E-04	6.50E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04
1797	624890.65	4265086.99	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
1798	624899.63	4265090.87	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04
1799	624908.62	4265094.75	7.97E-04	2.74E-04	6.67E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04
1800	624917.6	4265098.62	8.03E-04	2.76E-04	6.71E-04	2.07E-04	1.59E-04	5.29E-05	1.24E-04
1801	624926.59	4265102.5	8.09E-04	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04
1802	624935.57	4265106.37	8.14E-04	2.80E-04	6.80E-04	2.10E-04	1.61E-04	5.36E-05	1.26E-04
1803	624944.56	4265110.25	8.19E-04	2.82E-04	6.84E-04	2.11E-04	1.62E-04	5.39E-05	1.26E-04
1804	624953.55	4265114.13	8.23E-04	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04
1805	624962.53	4265118	8.27E-04	2.84E-04	6.91E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04
1806	624971.52	4265121.88	8.30E-04	2.86E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04
1807	624980.5	4265125.75	8.33E-04	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.49E-05	1.29E-04
1808	624989.49	4265129.63	8.35E-04	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04
1809	624998.48	4265133.5	8.37E-04	2.88E-04	6.99E-04	2.15E-04	1.66E-04	5.51E-05	1.29E-04
1810	625007.46	4265137.38	8.38E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04
1811	625016.45	4265141.26	8.38E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04
1812	625025.43	4265145.13	8.37E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04
1813	625034.42	4265149.01	8.36E-04	2.87E-04	6.99E-04	2.15E-04	1.65E-04	5.51E-05	1.29E-04
1814	625043.4	4265152.88	8.34E-04	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.49E-05	1.29E-04
1815	625052.39	4265156.76	8.31E-04	2.86E-04	6.95E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04
1816	625061.38	4265160.63	8.28E-04	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04

1817	625070.36	4265164.51	8.24E-04	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.43E-05	1.27E-04
1818	625079.35	4265168.39	8.19E-04	2.82E-04	6.84E-04	2.11E-04	1.62E-04	5.40E-05	1.26E-04
1819	625088.33	4265172.26	8.13E-04	2.80E-04	6.80E-04	2.09E-04	1.61E-04	5.36E-05	1.26E-04
1820	625097.32	4265176.14	8.07E-04	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04
1821	625106.3	4265180.01	8.00E-04	2.75E-04	6.69E-04	2.06E-04	1.58E-04	5.27E-05	1.24E-04
1822	625115.29	4265183.89	7.93E-04	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04
1823	625124.28	4265187.76	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
1824	625133.26	4265191.64	7.76E-04	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04
1825	625142.25	4265195.52	7.67E-04	2.64E-04	6.41E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04
1826	625151.23	4265199.39	7.58E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04
1827	625160.22	4265203.27	7.48E-04	2.57E-04	6.25E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04
1828	625169.2	4265207.14	7.38E-04	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.86E-05	1.14E-04
1829	625178.19	4265211.02	7.28E-04	2.50E-04	6.08E-04	1.87E-04	1.44E-04	4.79E-05	1.12E-04
1830	625187.18	4265214.89	7.17E-04	2.47E-04	5.99E-04	1.85E-04	1.42E-04	4.72E-05	1.11E-04
1831	625196.16	4265218.77	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
1832	625205.15	4265222.65	6.95E-04	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04
1833	625214.13	4265226.52	6.84E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04
1834	625223.12	4265230.4	6.74E-04	2.32E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04
1835	625232.1	4265234.27	6.63E-04	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04
1836	625241.09	4265238.15	6.52E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04
1837	625250.08	4265242.02	6.41E-04	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.89E-05
1838	625259.06	4265245.9	6.31E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.16E-05	9.73E-05
1839	625268.05	4265249.78	6.20E-04	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05
1840	625277.03	4265253.65	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05
1841	625289.62	4265266.63	5.99E-04	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.24E-05
1842	625293.22	4265275.73	5.98E-04	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05
1843	625296.82	4265284.83	5.96E-04	2.05E-04	4.98E-04	1.54E-04	1.18E-04	3.93E-05	9.20E-05
1844	625300.42	4265293.92	5.95E-04	2.05E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.18E-05
1845	625304.03	4265303.02	5.94E-04	2.04E-04	4.96E-04	1.53E-04	1.17E-04	3.91E-05	9.16E-05
1846	625307.63	4265312.12	5.92E-04	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.14E-05
1847	625311.23	4265321.22	5.90E-04	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.89E-05	9.11E-05
1848	625314.83	4265330.32	5.89E-04	2.02E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.08E-05
1849	625318.43	4265339.42	5.87E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.06E-05
1850	625322.03	4265348.52	5.85E-04	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.86E-05	9.03E-05
1851	625325.63	4265357.62	5.83E-04	2.01E-04	4.88E-04	1.50E-04	1.15E-04	3.84E-05	9.00E-05
1852	625329.24	4265366.72	5.81E-04	2.00E-04	4.86E-04	1.50E-04	1.15E-04	3.83E-05	8.97E-05
1853	625332.84	4265375.82	5.79E-04	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.82E-05	8.94E-05
1854	625336.44	4265384.92	5.77E-04	1.98E-04	4.82E-04	1.49E-04	1.14E-04	3.80E-05	8.91E-05
1855	625340.04	4265394.01	5.75E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05
1856	625343.64	4265403.11	5.73E-04	1.97E-04	4.79E-04	1.47E-04	1.13E-04	3.77E-05	8.84E-05
1857	625347.24	4265412.21	5.70E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05
1858	625350.85	4265421.31	5.68E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.76E-05
1859	625354.45	4265430.41	5.65E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.72E-05
1860	625358.05	4265439.51	5.62E-04	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05
1861	625361.65	4265448.61	5.60E-04	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05
1862	625365.25	4265457.71	5.57E-04	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.59E-05
1863	625368.85	4265466.81	5.54E-04	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05
1864	625372.45	4265475.91	5.50E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.63E-05	8.49E-05
1865	625376.06	4265485.01	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.61E-05	8.44E-05
1866	625379.66	4265494.11	5.44E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05
1867	625383.26	4265503.2	5.40E-04	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.56E-05	8.34E-05
1868	625386.86	4265512.3	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05

1869	625390.46	4265521.4	5.33E-04	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05
1870	625394.06	4265530.5	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05
1871	625397.66	4265539.6	5.25E-04	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05
1872	625401.27	4265548.7	5.21E-04	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05
1873	625404.87	4265557.8	5.17E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05
1874	625408.47	4265566.9	5.12E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.91E-05
1875	625412.07	4265576	5.08E-04	1.75E-04	4.24E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05
1876	625415.67	4265585.1	5.03E-04	1.73E-04	4.21E-04	1.30E-04	9.96E-05	3.31E-05	7.76E-05
1877	625419.27	4265594.2	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05
1878	625422.88	4265603.29	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05
1879	625426.48	4265612.39	4.88E-04	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.22E-05	7.53E-05
1880	625430.08	4265621.49	4.83E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.45E-05
1881	625433.68	4265630.59	4.77E-04	1.64E-04	3.99E-04	1.23E-04	9.44E-05	3.14E-05	7.36E-05
1882	625437.28	4265639.69	4.72E-04	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.28E-05
1883	625440.88	4265648.79	4.66E-04	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05
1884	625444.48	4265657.89	4.60E-04	1.58E-04	3.85E-04	1.18E-04	9.11E-05	3.03E-05	7.10E-05
1885	625448.09	4265666.99	4.54E-04	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05
1886	625451.69	4265676.09	4.48E-04	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05
1887	624863.69	4265075.37	7.63E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.03E-05	1.18E-04
1888	624853.78	4265075.23	7.61E-04	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04
1889	624843.87	4265075.09	7.58E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04
1890	624833.96	4265074.96	7.55E-04	2.60E-04	6.31E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04
1891	624824.05	4265074.82	7.53E-04	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04
1892	624814.15	4265074.68	7.50E-04	2.58E-04	6.27E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04
1893	624804.24	4265074.54	7.46E-04	2.57E-04	6.24E-04	1.92E-04	1.48E-04	4.92E-05	1.15E-04
1894	624794.33	4265074.41	7.42E-04	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.89E-05	1.15E-04
1895	624784.42	4265074.27	7.38E-04	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.86E-05	1.14E-04
1896	624774.51	4265074.13	7.34E-04	2.52E-04	6.13E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04
1897	624764.6	4265073.99	7.29E-04	2.51E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04
1898	624754.69	4265073.86	7.24E-04	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04
1899	624744.78	4265073.72	7.18E-04	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04
1900	624734.87	4265073.58	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
1901	624724.97	4265073.44	7.05E-04	2.42E-04	5.89E-04	1.81E-04	1.40E-04	4.64E-05	1.09E-04
1902	624715.06	4265073.31	6.98E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04
1903	624705.15	4265073.17	6.91E-04	2.38E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04
1904	624695.24	4265073.03	6.84E-04	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04
1905	624685.33	4265072.89	6.76E-04	2.32E-04	5.65E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04
1906	624675.42	4265072.76	6.68E-04	2.30E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04
1907	624665.51	4265072.62	6.60E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04
1908	624655.6	4265072.48	6.52E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04
1909	624645.7	4265072.34	6.44E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.24E-05	9.94E-05
1910	624635.79	4265072.21	6.36E-04	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.82E-05
1911	624625.88	4265072.07	6.29E-04	2.16E-04	5.26E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05
1912	624615.97	4265071.93	6.21E-04	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.59E-05
1913	624606.06	4265071.8	6.14E-04	2.11E-04	5.13E-04	1.58E-04	1.22E-04	4.05E-05	9.47E-05
1914	624596.15	4265071.66	6.07E-04	2.09E-04	5.07E-04	1.56E-04	1.20E-04	4.00E-05	9.37E-05
1915	624586.24	4265071.52	6.00E-04	2.06E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.26E-05
1916	624576.33	4265071.38	5.94E-04	2.04E-04	4.96E-04	1.53E-04	1.18E-04	3.91E-05	9.16E-05
1917	624566.43	4265071.25	5.88E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05
1918	624556.52	4265071.11	5.82E-04	2.00E-04	4.86E-04	1.50E-04	1.15E-04	3.83E-05	8.98E-05
1919	624546.61	4265070.97	5.76E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.80E-05	8.89E-05
1920	624536.7	4265070.83	5.70E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05

1921	624526.79	4265070.7	5.65E-04	1.94E-04	4.72E-04	1.46E-04	1.12E-04	3.72E-05	8.72E-05
1922	624516.88	4265070.56	5.60E-04	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05
1923	624506.97	4265070.42	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.56E-05
1924	624497.06	4265070.28	5.50E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.48E-05
1925	624487.15	4265070.15	5.45E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.40E-05
1926	624477.25	4265070.01	5.39E-04	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.55E-05	8.32E-05
1927	624467.34	4265069.87	5.34E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05
1928	624457.43	4265069.73	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05
1929	624447.52	4265069.6	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05
1930	624437.61	4265069.46	5.18E-04	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.41E-05	7.99E-05
1931	624427.7	4265069.32	5.13E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.91E-05
1932	624417.79	4265069.18	5.07E-04	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.82E-05
1933	624407.88	4265069.05	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.74E-05
1934	624397.98	4265068.91	4.96E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.27E-05	7.65E-05
1935	624388.07	4265068.77	4.90E-04	1.69E-04	4.10E-04	1.26E-04	9.70E-05	3.23E-05	7.56E-05
1936	624378.16	4265068.64	4.85E-04	1.67E-04	4.05E-04	1.25E-04	9.59E-05	3.19E-05	7.48E-05
1937	624368.25	4265068.5	4.79E-04	1.65E-04	4.00E-04	1.23E-04	9.48E-05	3.16E-05	7.39E-05
1938	624873.35	4265029.24	6.93E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04
1939	624882.32	4265033.11	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04
1940	624891.3	4265036.98	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
1941	624900.27	4265040.85	7.13E-04	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04
1942	624909.24	4265044.72	7.19E-04	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04
1943	624918.21	4265048.59	7.25E-04	2.49E-04	6.06E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04
1944	624927.18	4265052.46	7.31E-04	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.82E-05	1.13E-04
1945	624936.15	4265056.33	7.37E-04	2.53E-04	6.16E-04	1.90E-04	1.46E-04	4.86E-05	1.14E-04
1946	624945.12	4265060.2	7.42E-04	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.89E-05	1.15E-04
1947	624954.09	4265064.07	7.47E-04	2.57E-04	6.24E-04	1.92E-04	1.48E-04	4.92E-05	1.15E-04
1948	624963.06	4265067.94	7.51E-04	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04
1949	624972.03	4265071.81	7.56E-04	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04
1950	624981.01	4265075.67	7.59E-04	2.61E-04	6.35E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04
1951	624989.98	4265079.54	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04
1952	624998.95	4265083.41	7.65E-04	2.63E-04	6.39E-04	1.97E-04	1.51E-04	5.04E-05	1.18E-04
1953	625007.92	4265087.28	7.67E-04	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04
1954	625016.89	4265091.15	7.68E-04	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.19E-04
1955	625025.86	4265095.02	7.69E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04
1956	625034.83	4265098.89	7.70E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04
1957	625043.8	4265102.76	7.69E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04
1958	625052.77	4265106.63	7.68E-04	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.19E-04
1959	625061.75	4265110.5	7.67E-04	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04
1960	625070.72	4265114.37	7.65E-04	2.63E-04	6.39E-04	1.97E-04	1.51E-04	5.04E-05	1.18E-04
1961	625079.69	4265118.24	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04
1962	625088.66	4265122.11	7.58E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04
1963	625097.63	4265125.98	7.54E-04	2.59E-04	6.30E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04
1964	625106.6	4265129.85	7.50E-04	2.58E-04	6.27E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04
1965	625115.57	4265133.72	7.44E-04	2.56E-04	6.22E-04	1.92E-04	1.47E-04	4.90E-05	1.15E-04
1966	625124.54	4265137.59	7.39E-04	2.54E-04	6.17E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04
1967	625133.51	4265141.46	7.32E-04	2.52E-04	6.12E-04	1.89E-04	1.45E-04	4.82E-05	1.13E-04
1968	625142.48	4265145.32	7.25E-04	2.49E-04	6.06E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04
1969	625151.46	4265149.19	7.18E-04	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04
1970	625160.43	4265153.06	7.10E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
1971	625169.4	4265156.93	7.02E-04	2.41E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04
1972	625178.37	4265160.8	6.94E-04	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04

1973	625187.34	4265164.67	6.85E-04	2.36E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04
1974	625196.31	4265168.54	6.76E-04	2.32E-04	5.65E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04
1975	625205.28	4265172.41	6.67E-04	2.29E-04	5.57E-04	1.72E-04	1.32E-04	4.39E-05	1.03E-04
1976	625214.25	4265176.28	6.57E-04	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04
1977	625223.22	4265180.15	6.48E-04	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.27E-05	9.99E-05
1978	625232.2	4265184.02	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.85E-05
1979	625241.17	4265187.89	6.29E-04	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05
1980	625250.14	4265191.76	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05
1981	625259.11	4265195.63	6.10E-04	2.10E-04	5.09E-04	1.57E-04	1.21E-04	4.02E-05	9.41E-05
1982	625268.08	4265199.5	6.00E-04	2.06E-04	5.02E-04	1.54E-04	1.19E-04	3.95E-05	9.26E-05
1983	625277.05	4265203.37	5.91E-04	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.89E-05	9.12E-05
1984	625286.02	4265207.24	5.82E-04	2.00E-04	4.86E-04	1.50E-04	1.15E-04	3.83E-05	8.97E-05
1985	625294.99	4265211.1	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05
1986	625303.96	4265214.97	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05
1987	625312.93	4265218.84	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.65E-05	8.56E-05
1988	625325.5	4265231.8	5.45E-04	1.87E-04	4.56E-04	1.40E-04	1.08E-04	3.59E-05	8.41E-05
1989	625329.1	4265240.88	5.44E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.40E-05
1990	625332.69	4265249.97	5.43E-04	1.87E-04	4.54E-04	1.40E-04	1.07E-04	3.58E-05	8.38E-05
1991	625336.29	4265259.05	5.42E-04	1.86E-04	4.53E-04	1.40E-04	1.07E-04	3.57E-05	8.36E-05
1992	625339.88	4265268.13	5.41E-04	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.56E-05	8.34E-05
1993	625343.48	4265277.22	5.40E-04	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.55E-05	8.33E-05
1994	625347.08	4265286.3	5.38E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05
1995	625350.67	4265295.39	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
1996	625354.27	4265304.47	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05
1997	625357.86	4265313.56	5.34E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05
1998	625361.46	4265322.64	5.33E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05
1999	625365.05	4265331.72	5.31E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05
2000	625368.65	4265340.81	5.30E-04	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05
2001	625372.24	4265349.89	5.28E-04	1.82E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.15E-05
2002	625375.84	4265358.98	5.26E-04	1.81E-04	4.40E-04	1.35E-04	1.04E-04	3.47E-05	8.12E-05
2003	625379.44	4265368.06	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.09E-05
2004	625383.03	4265377.15	5.22E-04	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05
2005	625386.63	4265386.23	5.20E-04	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05
2006	625390.22	4265395.31	5.18E-04	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.42E-05	8.00E-05
2007	625393.82	4265404.4	5.16E-04	1.78E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05
2008	625397.41	4265413.48	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05
2009	625401.01	4265422.57	5.12E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05
2010	625404.6	4265431.65	5.09E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.35E-05	7.86E-05
2011	625408.2	4265440.74	5.07E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.82E-05
2012	625411.8	4265449.82	5.04E-04	1.73E-04	4.21E-04	1.30E-04	9.98E-05	3.32E-05	7.78E-05
2013	625415.39	4265458.9	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.73E-05
2014	625418.99	4265467.99	4.98E-04	1.71E-04	4.17E-04	1.28E-04	9.87E-05	3.28E-05	7.69E-05
2015	625422.58	4265477.07	4.95E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.65E-05
2016	625426.18	4265486.16	4.92E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05
2017	625429.77	4265495.24	4.89E-04	1.68E-04	4.09E-04	1.26E-04	9.68E-05	3.22E-05	7.55E-05
2018	625433.37	4265504.32	4.86E-04	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05
2019	625436.97	4265513.41	4.83E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.45E-05
2020	625440.56	4265522.49	4.79E-04	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.39E-05
2021	625444.16	4265531.58	4.76E-04	1.64E-04	3.98E-04	1.22E-04	9.41E-05	3.13E-05	7.34E-05
2022	625447.75	4265540.66	4.72E-04	1.62E-04	3.94E-04	1.22E-04	9.34E-05	3.11E-05	7.28E-05
2023	625451.35	4265549.75	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05
2024	625454.94	4265558.83	4.64E-04	1.60E-04	3.88E-04	1.20E-04	9.19E-05	3.06E-05	7.16E-05

2025	625458.54	4265567.91	4.60E-04	1.58E-04	3.85E-04	1.18E-04	9.11E-05	3.03E-05	7.10E-05
2026	625462.13	4265577	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.00E-05	7.04E-05
2027	625465.73	4265586.08	4.52E-04	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05
2028	625469.33	4265595.17	4.47E-04	1.54E-04	3.74E-04	1.15E-04	8.85E-05	2.95E-05	6.90E-05
2029	625472.92	4265604.25	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.76E-05	2.92E-05	6.83E-05
2030	625476.52	4265613.34	4.38E-04	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.88E-05	6.76E-05
2031	625480.11	4265622.42	4.33E-04	1.49E-04	3.62E-04	1.11E-04	8.57E-05	2.85E-05	6.68E-05
2032	625483.71	4265631.5	4.28E-04	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05
2033	625487.3	4265640.59	4.23E-04	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05
2034	625490.9	4265649.67	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05
2035	625494.5	4265658.76	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05
2036	625498.09	4265667.84	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.69E-05	6.29E-05
2037	625501.69	4265676.93	4.03E-04	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05
2038	624864.38	4265025.37	6.85E-04	2.36E-04	5.73E-04	1.76E-04	1.36E-04	4.52E-05	1.06E-04
2039	624854.47	4265025.24	6.83E-04	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04
2040	624844.56	4265025.1	6.80E-04	2.34E-04	5.68E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04
2041	624834.66	4265024.96	6.77E-04	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04
2042	624824.75	4265024.82	6.74E-04	2.32E-04	5.64E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04
2043	624814.84	4265024.69	6.71E-04	2.31E-04	5.61E-04	1.73E-04	1.33E-04	4.42E-05	1.04E-04
2044	624804.93	4265024.55	6.68E-04	2.30E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04
2045	624795.02	4265024.41	6.64E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.38E-05	1.02E-04
2046	624785.11	4265024.27	6.60E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04
2047	624775.2	4265024.14	6.56E-04	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04
2048	624765.29	4265024	6.52E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04
2049	624755.39	4265023.86	6.48E-04	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.27E-05	9.99E-05
2050	624745.48	4265023.72	6.43E-04	2.21E-04	5.37E-04	1.66E-04	1.27E-04	4.24E-05	9.92E-05
2051	624735.57	4265023.59	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05
2052	624725.66	4265023.45	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.17E-05	9.75E-05
2053	624715.75	4265023.31	6.26E-04	2.15E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05
2054	624705.84	4265023.17	6.21E-04	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05
2055	624695.93	4265023.04	6.15E-04	2.11E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.48E-05
2056	624686.02	4265022.9	6.08E-04	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05
2057	624676.12	4265022.76	6.02E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.97E-05	9.29E-05
2058	624666.21	4265022.62	5.96E-04	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.92E-05	9.19E-05
2059	624656.3	4265022.49	5.89E-04	2.03E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05
2060	624646.39	4265022.35	5.82E-04	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05
2061	624636.48	4265022.21	5.76E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.89E-05
2062	624626.57	4265022.07	5.69E-04	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.79E-05
2063	624616.66	4265021.94	5.63E-04	1.94E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05
2064	624606.75	4265021.8	5.56E-04	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.58E-05
2065	624596.84	4265021.66	5.50E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.49E-05
2066	624586.94	4265021.53	5.44E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.40E-05
2067	624577.03	4265021.39	5.39E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05
2068	624567.12	4265021.25	5.33E-04	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05
2069	624557.21	4265021.11	5.28E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05
2070	624547.3	4265020.98	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05
2071	624537.39	4265020.84	5.19E-04	1.78E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05
2072	624527.48	4265020.7	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05
2073	624517.57	4265020.56	5.10E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05
2074	624507.67	4265020.43	5.05E-04	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05
2075	624497.76	4265020.29	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.73E-05
2076	624487.85	4265020.15	4.96E-04	1.71E-04	4.15E-04	1.28E-04	9.83E-05	3.27E-05	7.66E-05

2077	624477.94	4265020.01	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05
2078	624468.03	4265019.88	4.87E-04	1.68E-04	4.07E-04	1.26E-04	9.65E-05	3.21E-05	7.52E-05
2079	624458.12	4265019.74	4.83E-04	1.66E-04	4.04E-04	1.24E-04	9.56E-05	3.18E-05	7.45E-05
2080	624448.21	4265019.6	4.78E-04	1.64E-04	4.00E-04	1.23E-04	9.47E-05	3.15E-05	7.38E-05
2081	624438.3	4265019.46	4.73E-04	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.31E-05
2082	624428.4	4265019.33	4.69E-04	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.23E-05
2083	624418.49	4265019.19	4.64E-04	1.60E-04	3.88E-04	1.19E-04	9.18E-05	3.06E-05	7.16E-05
2084	624408.58	4265019.05	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.02E-05	7.08E-05
2085	624398.67	4265018.91	4.54E-04	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05
2086	624388.76	4265018.78	4.49E-04	1.55E-04	3.76E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05
2087	624378.85	4265018.64	4.44E-04	1.53E-04	3.72E-04	1.14E-04	8.80E-05	2.93E-05	6.86E-05
2088	624368.94	4265018.5	4.40E-04	1.51E-04	3.67E-04	1.13E-04	8.70E-05	2.90E-05	6.78E-05
2089	624874.03	4264979.24	6.25E-04	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05
2090	624882.99	4264983.11	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05
2091	624891.95	4264986.97	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.85E-05
2092	624900.91	4264990.83	6.45E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05
2093	624909.87	4264994.7	6.51E-04	2.24E-04	5.44E-04	1.68E-04	1.29E-04	4.29E-05	1.00E-04
2094	624918.83	4264998.56	6.57E-04	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04
2095	624927.79	4265002.43	6.63E-04	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04
2096	624936.74	4265006.29	6.68E-04	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04
2097	624945.7	4265010.15	6.74E-04	2.32E-04	5.63E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04
2098	624954.66	4265014.02	6.79E-04	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.48E-05	1.05E-04
2099	624963.62	4265017.88	6.84E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04
2100	624972.58	4265021.75	6.89E-04	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04
2101	624981.54	4265025.61	6.93E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04
2102	624990.49	4265029.47	6.97E-04	2.40E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.07E-04
2103	624999.45	4265033.34	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04
2104	625008.41	4265037.2	7.03E-04	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04
2105	625017.37	4265041.07	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
2106	625026.33	4265044.93	7.08E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
2107	625035.29	4265048.79	7.09E-04	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04
2108	625044.25	4265052.66	7.10E-04	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
2109	625053.2	4265056.52	7.11E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
2110	625062.16	4265060.39	7.10E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
2111	625071.12	4265064.25	7.10E-04	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
2112	625080.08	4265068.11	7.09E-04	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04
2113	625089.04	4265071.98	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
2114	625098	4265075.84	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
2115	625106.96	4265079.71	7.01E-04	2.41E-04	5.86E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04
2116	625115.91	4265083.57	6.98E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04
2117	625124.87	4265087.43	6.94E-04	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04
2118	625133.83	4265091.3	6.89E-04	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04
2119	625142.79	4265095.16	6.84E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04
2120	625151.75	4265099.03	6.79E-04	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04
2121	625160.71	4265102.89	6.73E-04	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04
2122	625169.66	4265106.75	6.67E-04	2.29E-04	5.57E-04	1.72E-04	1.32E-04	4.39E-05	1.03E-04
2123	625178.62	4265110.62	6.60E-04	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04
2124	625187.58	4265114.48	6.53E-04	2.24E-04	5.46E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04
2125	625196.54	4265118.35	6.45E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.96E-05
2126	625205.5	4265122.21	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05
2127	625214.46	4265126.07	6.30E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.72E-05
2128	625223.42	4265129.94	6.22E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05

2129	625232.37	4265133.8	6.14E-04	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05
2130	625241.33	4265137.67	6.05E-04	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.34E-05
2131	625250.29	4265141.53	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05
2132	625259.25	4265145.39	5.88E-04	2.02E-04	4.92E-04	1.51E-04	1.16E-04	3.88E-05	9.08E-05
2133	625268.21	4265149.26	5.80E-04	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05
2134	625277.17	4265153.12	5.71E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.76E-05	8.82E-05
2135	625286.13	4265156.99	5.63E-04	1.94E-04	4.71E-04	1.45E-04	1.11E-04	3.71E-05	8.69E-05
2136	625295.08	4265160.85	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.65E-05	8.56E-05
2137	625304.04	4265164.71	5.46E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.43E-05
2138	625313	4265168.58	5.38E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05
2139	625321.96	4265172.44	5.30E-04	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.49E-05	8.18E-05
2140	625330.92	4265176.31	5.22E-04	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05
2141	625339.88	4265180.17	5.15E-04	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05
2142	625348.83	4265184.03	5.07E-04	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.82E-05
2143	625361.38	4265196.97	4.99E-04	1.72E-04	4.17E-04	1.28E-04	9.88E-05	3.29E-05	7.70E-05
2144	625364.97	4265206.04	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05
2145	625368.57	4265215.11	4.97E-04	1.71E-04	4.16E-04	1.28E-04	9.84E-05	3.28E-05	7.67E-05
2146	625372.16	4265224.18	4.96E-04	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.66E-05
2147	625375.75	4265233.26	4.95E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.64E-05
2148	625379.34	4265242.33	4.94E-04	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05
2149	625382.93	4265251.4	4.94E-04	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05
2150	625386.52	4265260.47	4.93E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05
2151	625390.11	4265269.54	4.91E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.58E-05
2152	625393.7	4265278.61	4.90E-04	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05
2153	625397.29	4265287.68	4.89E-04	1.68E-04	4.09E-04	1.26E-04	9.68E-05	3.22E-05	7.55E-05
2154	625400.88	4265296.76	4.88E-04	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.22E-05	7.53E-05
2155	625404.47	4265305.83	4.87E-04	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.21E-05	7.51E-05
2156	625408.06	4265314.9	4.85E-04	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05
2157	625411.65	4265323.97	4.84E-04	1.66E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05
2158	625415.24	4265333.04	4.83E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.45E-05
2159	625418.83	4265342.11	4.81E-04	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05
2160	625422.42	4265351.19	4.80E-04	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.40E-05
2161	625426.01	4265360.26	4.78E-04	1.64E-04	3.99E-04	1.23E-04	9.46E-05	3.15E-05	7.37E-05
2162	625429.6	4265369.33	4.76E-04	1.64E-04	3.98E-04	1.23E-04	9.42E-05	3.14E-05	7.35E-05
2163	625433.2	4265378.4	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.13E-05	7.32E-05
2164	625436.79	4265387.47	4.72E-04	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05
2165	625440.38	4265396.54	4.70E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05
2166	625443.97	4265405.61	4.68E-04	1.61E-04	3.91E-04	1.20E-04	9.26E-05	3.08E-05	7.22E-05
2167	625447.56	4265414.69	4.66E-04	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05
2168	625451.15	4265423.76	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05
2169	625454.74	4265432.83	4.61E-04	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05
2170	625458.33	4265441.9	4.58E-04	1.58E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05
2171	625461.92	4265450.97	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05
2172	625465.51	4265460.04	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.98E-05	2.99E-05	7.00E-05
2173	625469.1	4265469.12	4.51E-04	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05
2174	625472.69	4265478.19	4.48E-04	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05
2175	625476.28	4265487.26	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05
2176	625479.87	4265496.33	4.42E-04	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05
2177	625483.46	4265505.4	4.39E-04	1.51E-04	3.67E-04	1.13E-04	8.69E-05	2.89E-05	6.77E-05
2178	625487.05	4265514.47	4.36E-04	1.50E-04	3.64E-04	1.12E-04	8.63E-05	2.87E-05	6.72E-05
2179	625490.64	4265523.55	4.32E-04	1.49E-04	3.61E-04	1.11E-04	8.56E-05	2.85E-05	6.67E-05
2180	625494.24	4265532.62	4.29E-04	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05

2181	625497.83	4265541.69	4.25E-04	1.46E-04	3.56E-04	1.10E-04	8.42E-05	2.80E-05	6.57E-05
2182	625501.42	4265550.76	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05
2183	625505.01	4265559.83	4.18E-04	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.45E-05
2184	625508.6	4265568.9	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05
2185	625512.19	4265577.97	4.10E-04	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05
2186	625515.78	4265587.05	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
2187	625519.37	4265596.12	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05
2188	625522.96	4265605.19	3.99E-04	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05
2189	625526.55	4265614.26	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05
2190	625530.14	4265623.33	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05
2191	625533.73	4265632.4	3.86E-04	1.33E-04	3.23E-04	9.95E-05	7.65E-05	2.55E-05	5.96E-05
2192	625537.32	4265641.48	3.82E-04	1.31E-04	3.19E-04	9.83E-05	7.56E-05	2.52E-05	5.89E-05
2193	625540.91	4265650.55	3.77E-04	1.30E-04	3.15E-04	9.71E-05	7.46E-05	2.48E-05	5.82E-05
2194	625544.5	4265659.62	3.72E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05
2195	625548.09	4265668.69	3.68E-04	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.67E-05
2196	625551.68	4265677.76	3.63E-04	1.25E-04	3.03E-04	9.35E-05	7.18E-05	2.39E-05	5.60E-05
2197	624865.08	4264975.38	6.18E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05
2198	624855.17	4264975.24	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.50E-05
2199	624845.26	4264975.1	6.13E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05
2200	624835.35	4264974.97	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05
2201	624825.44	4264974.83	6.07E-04	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.37E-05
2202	624815.53	4264974.69	6.04E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.33E-05
2203	624805.62	4264974.55	6.01E-04	2.07E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05
2204	624795.71	4264974.42	5.98E-04	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.23E-05
2205	624785.81	4264974.28	5.95E-04	2.04E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.18E-05
2206	624775.9	4264974.14	5.91E-04	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.89E-05	9.12E-05
2207	624765.99	4264974	5.88E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05
2208	624756.08	4264973.87	5.84E-04	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05
2209	624746.17	4264973.73	5.80E-04	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05
2210	624736.26	4264973.59	5.76E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.88E-05
2211	624726.35	4264973.45	5.71E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.81E-05
2212	624716.44	4264973.32	5.66E-04	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.74E-05
2213	624706.53	4264973.18	5.62E-04	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05
2214	624696.63	4264973.04	5.57E-04	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.59E-05
2215	624686.72	4264972.9	5.52E-04	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.64E-05	8.51E-05
2216	624676.81	4264972.77	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.44E-05
2217	624666.9	4264972.63	5.41E-04	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.35E-05
2218	624656.99	4264972.49	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05
2219	624647.08	4264972.35	5.31E-04	1.82E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05
2220	624637.17	4264972.22	5.25E-04	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05
2221	624627.26	4264972.08	5.20E-04	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.02E-05
2222	624617.36	4264971.94	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05
2223	624607.45	4264971.8	5.09E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05
2224	624597.54	4264971.67	5.03E-04	1.73E-04	4.21E-04	1.30E-04	9.96E-05	3.32E-05	7.77E-05
2225	624587.63	4264971.53	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05
2226	624577.72	4264971.39	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05
2227	624567.81	4264971.26	4.89E-04	1.68E-04	4.08E-04	1.26E-04	9.67E-05	3.22E-05	7.54E-05
2228	624557.9	4264971.12	4.84E-04	1.66E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05
2229	624547.99	4264970.98	4.80E-04	1.65E-04	4.01E-04	1.24E-04	9.50E-05	3.16E-05	7.40E-05
2230	624538.09	4264970.84	4.76E-04	1.64E-04	3.97E-04	1.22E-04	9.41E-05	3.13E-05	7.34E-05
2231	624528.18	4264970.71	4.71E-04	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.27E-05
2232	624518.27	4264970.57	4.67E-04	1.61E-04	3.91E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05

2233	624508.36	4264970.43	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05
2234	624498.45	4264970.29	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05
2235	624488.54	4264970.16	4.55E-04	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05
2236	624478.63	4264970.02	4.51E-04	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05
2237	624468.72	4264969.88	4.47E-04	1.54E-04	3.74E-04	1.15E-04	8.85E-05	2.95E-05	6.90E-05
2238	624458.81	4264969.74	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05
2239	624448.91	4264969.61	4.39E-04	1.51E-04	3.67E-04	1.13E-04	8.69E-05	2.89E-05	6.78E-05
2240	624439	4264969.47	4.35E-04	1.50E-04	3.64E-04	1.12E-04	8.61E-05	2.87E-05	6.71E-05
2241	624429.09	4264969.33	4.31E-04	1.48E-04	3.60E-04	1.11E-04	8.53E-05	2.84E-05	6.65E-05
2242	624419.18	4264969.19	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05
2243	624409.27	4264969.06	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05
2244	624399.36	4264968.92	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05
2245	624389.45	4264968.78	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.38E-05
2246	624379.54	4264968.64	4.10E-04	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05
2247	624369.64	4264968.51	4.05E-04	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05
2248	624875.54	4264879.3	5.16E-04	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05
2249	624884.63	4264883.22	5.21E-04	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05
2250	624893.71	4264887.14	5.27E-04	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.13E-05
2251	624902.79	4264891.06	5.33E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05
2252	624911.87	4264894.97	5.38E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05
2253	624920.96	4264898.89	5.44E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05
2254	624930.04	4264902.81	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05
2255	624939.12	4264906.73	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.65E-05	8.56E-05
2256	624948.2	4264910.64	5.60E-04	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05
2257	624957.29	4264914.56	5.65E-04	1.94E-04	4.72E-04	1.46E-04	1.12E-04	3.72E-05	8.72E-05
2258	624966.37	4264918.48	5.70E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05
2259	624975.45	4264922.4	5.75E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.88E-05
2260	624984.53	4264926.31	5.80E-04	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05
2261	624993.62	4264930.23	5.85E-04	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.85E-05	9.02E-05
2262	625002.7	4264934.15	5.89E-04	2.03E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05
2263	625011.78	4264938.07	5.93E-04	2.04E-04	4.96E-04	1.53E-04	1.17E-04	3.91E-05	9.15E-05
2264	625020.86	4264941.98	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05
2265	625029.94	4264945.9	6.00E-04	2.06E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.26E-05
2266	625039.03	4264949.82	6.03E-04	2.08E-04	5.04E-04	1.55E-04	1.19E-04	3.98E-05	9.31E-05
2267	625048.11	4264953.74	6.06E-04	2.08E-04	5.07E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05
2268	625057.19	4264957.65	6.08E-04	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05
2269	625066.27	4264961.57	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05
2270	625075.36	4264965.49	6.12E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.44E-05
2271	625084.44	4264969.41	6.13E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.45E-05
2272	625093.52	4264973.32	6.13E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05
2273	625102.6	4264977.24	6.13E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05
2274	625111.69	4264981.16	6.13E-04	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.45E-05
2275	625120.77	4264985.07	6.12E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.44E-05
2276	625129.85	4264988.99	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.41E-05
2277	625138.93	4264992.91	6.08E-04	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05
2278	625148.02	4264996.83	6.06E-04	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05
2279	625157.1	4265000.74	6.03E-04	2.07E-04	5.04E-04	1.55E-04	1.19E-04	3.97E-05	9.30E-05
2280	625166.18	4265004.66	6.00E-04	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.25E-05
2281	625175.26	4265008.58	5.96E-04	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.93E-05	9.20E-05
2282	625184.34	4265012.5	5.92E-04	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05
2283	625193.43	4265016.41	5.88E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05
2284	625202.51	4265020.33	5.83E-04	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05

2285	625211.59	4265024.25	5.78E-04	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.81E-05	8.91E-05
2286	625220.67	4265028.17	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05
2287	625229.76	4265032.08	5.67E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.73E-05	8.74E-05
2288	625238.84	4265036	5.61E-04	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05
2289	625247.92	4265039.92	5.54E-04	1.91E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.55E-05
2290	625257	4265043.84	5.48E-04	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.46E-05
2291	625266.09	4265047.75	5.42E-04	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.36E-05
2292	625275.17	4265051.67	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05
2293	625284.25	4265055.59	5.28E-04	1.82E-04	4.41E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05
2294	625293.33	4265059.51	5.21E-04	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05
2295	625302.42	4265063.42	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05
2296	625311.5	4265067.34	5.07E-04	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05
2297	625320.58	4265071.26	5.00E-04	1.72E-04	4.18E-04	1.29E-04	9.90E-05	3.30E-05	7.72E-05
2298	625329.66	4265075.18	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05
2299	625338.74	4265079.09	4.87E-04	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.21E-05	7.51E-05
2300	625347.83	4265083.01	4.80E-04	1.65E-04	4.01E-04	1.24E-04	9.50E-05	3.16E-05	7.40E-05
2301	625356.91	4265086.93	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.11E-05	7.29E-05
2302	625365.99	4265090.85	4.66E-04	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05
2303	625375.07	4265094.76	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05
2304	625384.16	4265098.68	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05
2305	625393.24	4265102.6	4.47E-04	1.54E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05
2306	625402.32	4265106.52	4.41E-04	1.52E-04	3.68E-04	1.13E-04	8.72E-05	2.90E-05	6.80E-05
2307	625411.4	4265110.43	4.35E-04	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.71E-05
2308	625420.49	4265114.35	4.29E-04	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05
2309	625433.21	4265127.46	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.79E-05	6.52E-05
2310	625436.85	4265136.66	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.51E-05
2311	625440.49	4265145.86	4.21E-04	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.50E-05
2312	625444.13	4265155.06	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05
2313	625447.77	4265164.25	4.20E-04	1.45E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.49E-05
2314	625451.41	4265173.45	4.20E-04	1.44E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.48E-05
2315	625455.05	4265182.65	4.20E-04	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05
2316	625458.69	4265191.84	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05
2317	625462.33	4265201.04	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.46E-05
2318	625465.97	4265210.24	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05
2319	625469.61	4265219.43	4.17E-04	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05
2320	625473.25	4265228.63	4.17E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.43E-05
2321	625476.89	4265237.83	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.23E-05	2.74E-05	6.42E-05
2322	625480.53	4265247.02	4.15E-04	1.43E-04	3.47E-04	1.07E-04	8.21E-05	2.73E-05	6.40E-05
2323	625484.17	4265256.22	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05
2324	625487.81	4265265.42	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.18E-05	2.72E-05	6.38E-05
2325	625491.45	4265274.62	4.12E-04	1.42E-04	3.45E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05
2326	625495.09	4265283.81	4.11E-04	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.34E-05
2327	625498.73	4265293.01	4.10E-04	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05
2328	625502.37	4265302.21	4.09E-04	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05
2329	625506.01	4265311.4	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.69E-05	6.29E-05
2330	625509.65	4265320.6	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
2331	625513.29	4265329.8	4.05E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.25E-05
2332	625516.93	4265338.99	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.22E-05
2333	625520.57	4265348.19	4.02E-04	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05
2334	625524.21	4265357.39	4.00E-04	1.38E-04	3.35E-04	1.03E-04	7.92E-05	2.64E-05	6.18E-05
2335	625527.85	4265366.59	3.99E-04	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05
2336	625531.49	4265375.78	3.97E-04	1.36E-04	3.32E-04	1.02E-04	7.85E-05	2.61E-05	6.12E-05

2337	625535.13	4265384.98	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.09E-05
2338	625538.77	4265394.18	3.93E-04	1.35E-04	3.28E-04	1.01E-04	7.78E-05	2.59E-05	6.06E-05
2339	625542.41	4265403.37	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.03E-05
2340	625546.06	4265412.57	3.89E-04	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.00E-05
2341	625549.7	4265421.77	3.87E-04	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05
2342	625553.34	4265430.96	3.85E-04	1.32E-04	3.21E-04	9.90E-05	7.61E-05	2.53E-05	5.93E-05
2343	625556.98	4265440.16	3.82E-04	1.31E-04	3.19E-04	9.84E-05	7.56E-05	2.52E-05	5.90E-05
2344	625560.62	4265449.36	3.80E-04	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05
2345	625564.26	4265458.56	3.77E-04	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.81E-05
2346	625567.9	4265467.75	3.74E-04	1.29E-04	3.13E-04	9.63E-05	7.41E-05	2.47E-05	5.77E-05
2347	625571.54	4265476.95	3.72E-04	1.28E-04	3.11E-04	9.57E-05	7.35E-05	2.45E-05	5.73E-05
2348	625575.18	4265486.15	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05
2349	625578.82	4265495.34	3.67E-04	1.26E-04	3.06E-04	9.44E-05	7.25E-05	2.41E-05	5.66E-05
2350	625582.46	4265504.54	3.64E-04	1.25E-04	3.04E-04	9.37E-05	7.20E-05	2.40E-05	5.62E-05
2351	625586.1	4265513.74	3.61E-04	1.24E-04	3.02E-04	9.29E-05	7.14E-05	2.38E-05	5.57E-05
2352	625589.74	4265522.93	3.58E-04	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05
2353	625593.38	4265532.13	3.55E-04	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05
2354	625597.02	4265541.33	3.51E-04	1.21E-04	2.94E-04	9.05E-05	6.95E-05	2.31E-05	5.42E-05
2355	625600.66	4265550.52	3.48E-04	1.20E-04	2.91E-04	8.97E-05	6.89E-05	2.29E-05	5.37E-05
2356	625604.3	4265559.72	3.45E-04	1.19E-04	2.89E-04	8.89E-05	6.83E-05	2.27E-05	5.33E-05
2357	625607.94	4265568.92	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05
2358	625611.58	4265578.12	3.39E-04	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05
2359	625615.22	4265587.31	3.36E-04	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.18E-05
2360	625618.86	4265596.51	3.33E-04	1.14E-04	2.78E-04	8.57E-05	6.59E-05	2.19E-05	5.13E-05
2361	625622.5	4265605.71	3.29E-04	1.13E-04	2.75E-04	8.48E-05	6.52E-05	2.17E-05	5.08E-05
2362	625626.14	4265614.9	3.26E-04	1.12E-04	2.73E-04	8.40E-05	6.45E-05	2.15E-05	5.03E-05
2363	625629.78	4265624.1	3.23E-04	1.11E-04	2.70E-04	8.31E-05	6.39E-05	2.13E-05	4.98E-05
2364	625633.42	4265633.3	3.19E-04	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05
2365	625637.06	4265642.49	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05
2366	625640.7	4265651.69	3.12E-04	1.07E-04	2.61E-04	8.03E-05	6.18E-05	2.06E-05	4.81E-05
2367	625644.34	4265660.89	3.08E-04	1.06E-04	2.58E-04	7.94E-05	6.10E-05	2.03E-05	4.76E-05
2368	625647.98	4265670.09	3.05E-04	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05
2369	625651.62	4265679.28	3.01E-04	1.04E-04	2.52E-04	7.76E-05	5.96E-05	1.98E-05	4.65E-05
2370	624866.46	4264875.39	5.10E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05
2371	624856.55	4264875.25	5.08E-04	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05
2372	624846.64	4264875.11	5.05E-04	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05
2373	624836.74	4264874.97	5.03E-04	1.73E-04	4.21E-04	1.30E-04	9.96E-05	3.31E-05	7.76E-05
2374	624826.83	4264874.84	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05
2375	624816.92	4264874.7	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05
2376	624807.01	4264874.56	4.96E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.27E-05	7.65E-05
2377	624797.1	4264874.43	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05
2378	624787.19	4264874.29	4.91E-04	1.69E-04	4.10E-04	1.26E-04	9.72E-05	3.23E-05	7.58E-05
2379	624777.28	4264874.15	4.89E-04	1.68E-04	4.08E-04	1.26E-04	9.67E-05	3.22E-05	7.54E-05
2380	624767.37	4264874.01	4.86E-04	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05
2381	624757.47	4264873.88	4.83E-04	1.66E-04	4.04E-04	1.24E-04	9.56E-05	3.18E-05	7.46E-05
2382	624747.56	4264873.74	4.80E-04	1.65E-04	4.02E-04	1.24E-04	9.51E-05	3.17E-05	7.41E-05
2383	624737.65	4264873.6	4.78E-04	1.64E-04	3.99E-04	1.23E-04	9.46E-05	3.15E-05	7.37E-05
2384	624727.74	4264873.46	4.75E-04	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.33E-05
2385	624717.83	4264873.33	4.72E-04	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05
2386	624707.92	4264873.19	4.69E-04	1.61E-04	3.92E-04	1.21E-04	9.29E-05	3.09E-05	7.24E-05
2387	624698.01	4264873.05	4.66E-04	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.19E-05
2388	624688.1	4264872.91	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.16E-05	3.05E-05	7.14E-05

2389	624678.19	4264872.78	4.60E-04	1.58E-04	3.84E-04	1.18E-04	9.10E-05	3.03E-05	7.09E-05
2390	624668.29	4264872.64	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.01E-05	7.04E-05
2391	624658.38	4264872.5	4.53E-04	1.56E-04	3.78E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05
2392	624648.47	4264872.36	4.49E-04	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05
2393	624638.56	4264872.23	4.46E-04	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05
2394	624628.65	4264872.09	4.42E-04	1.52E-04	3.69E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05
2395	624618.74	4264871.95	4.38E-04	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05
2396	624608.83	4264871.81	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.59E-05	2.86E-05	6.70E-05
2397	624598.92	4264871.68	4.30E-04	1.48E-04	3.60E-04	1.11E-04	8.52E-05	2.84E-05	6.64E-05
2398	624589.02	4264871.54	4.26E-04	1.47E-04	3.56E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05
2399	624579.11	4264871.4	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05
2400	624569.2	4264871.26	4.18E-04	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.46E-05
2401	624559.29	4264871.13	4.14E-04	1.43E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05
2402	624549.38	4264870.99	4.11E-04	1.41E-04	3.43E-04	1.06E-04	8.13E-05	2.71E-05	6.34E-05
2403	624539.47	4264870.85	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05
2404	624529.56	4264870.72	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05
2405	624519.65	4264870.58	4.00E-04	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.17E-05
2406	624509.75	4264870.44	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05
2407	624499.84	4264870.3	3.93E-04	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05
2408	624489.93	4264870.17	3.89E-04	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.01E-05
2409	624480.02	4264870.03	3.86E-04	1.33E-04	3.22E-04	9.93E-05	7.64E-05	2.54E-05	5.95E-05
2410	624470.11	4264869.89	3.82E-04	1.31E-04	3.20E-04	9.84E-05	7.57E-05	2.52E-05	5.90E-05
2411	624460.2	4264869.75	3.79E-04	1.30E-04	3.17E-04	9.76E-05	7.50E-05	2.50E-05	5.85E-05
2412	624450.29	4264869.62	3.76E-04	1.29E-04	3.14E-04	9.67E-05	7.43E-05	2.47E-05	5.79E-05
2413	624440.38	4264869.48	3.72E-04	1.28E-04	3.11E-04	9.58E-05	7.37E-05	2.45E-05	5.74E-05
2414	624430.47	4264869.34	3.69E-04	1.27E-04	3.08E-04	9.49E-05	7.30E-05	2.43E-05	5.69E-05
2415	624420.57	4264869.2	3.65E-04	1.26E-04	3.05E-04	9.41E-05	7.23E-05	2.41E-05	5.64E-05
2416	624410.66	4264869.07	3.62E-04	1.24E-04	3.03E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05
2417	624400.75	4264868.93	3.59E-04	1.23E-04	3.00E-04	9.23E-05	7.10E-05	2.36E-05	5.53E-05
2418	624390.84	4264868.79	3.55E-04	1.22E-04	2.97E-04	9.14E-05	7.03E-05	2.34E-05	5.48E-05
2419	624380.93	4264868.65	3.52E-04	1.21E-04	2.94E-04	9.06E-05	6.96E-05	2.32E-05	5.43E-05
2420	624371.02	4264868.52	3.48E-04	1.20E-04	2.91E-04	8.97E-05	6.90E-05	2.30E-05	5.38E-05
2421	624876.9	4264779.3	4.32E-04	1.49E-04	3.61E-04	1.11E-04	8.56E-05	2.85E-05	6.67E-05
2422	624885.95	4264783.2	4.37E-04	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.88E-05	6.74E-05
2423	624895	4264787.11	4.41E-04	1.52E-04	3.69E-04	1.14E-04	8.73E-05	2.91E-05	6.81E-05
2424	624904.05	4264791.01	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05
2425	624913.1	4264794.91	4.51E-04	1.55E-04	3.77E-04	1.16E-04	8.92E-05	2.97E-05	6.95E-05
2426	624922.15	4264798.82	4.55E-04	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.02E-05
2427	624931.2	4264802.72	4.60E-04	1.58E-04	3.84E-04	1.18E-04	9.10E-05	3.03E-05	7.10E-05
2428	624940.25	4264806.62	4.65E-04	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05
2429	624949.3	4264810.53	4.69E-04	1.61E-04	3.92E-04	1.21E-04	9.29E-05	3.09E-05	7.24E-05
2430	624958.35	4264814.43	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05
2431	624967.4	4264818.33	4.79E-04	1.65E-04	4.00E-04	1.23E-04	9.47E-05	3.15E-05	7.39E-05
2432	624976.45	4264822.24	4.83E-04	1.66E-04	4.04E-04	1.24E-04	9.57E-05	3.18E-05	7.46E-05
2433	624985.5	4264826.14	4.88E-04	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.21E-05	7.53E-05
2434	624994.55	4264830.04	4.92E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05
2435	625003.6	4264833.95	4.97E-04	1.71E-04	4.15E-04	1.28E-04	9.84E-05	3.27E-05	7.67E-05
2436	625012.65	4264837.85	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.73E-05
2437	625021.7	4264841.75	5.05E-04	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05
2438	625030.75	4264845.66	5.09E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.86E-05
2439	625039.8	4264849.56	5.13E-04	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.92E-05
2440	625048.85	4264853.47	5.17E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.41E-05	7.98E-05

2441	625057.9	4264857.37	5.21E-04	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05
2442	625066.95	4264861.27	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05
2443	625076	4264865.18	5.27E-04	1.81E-04	4.40E-04	1.36E-04	1.04E-04	3.47E-05	8.12E-05
2444	625085.05	4264869.08	5.29E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.16E-05
2445	625094.1	4264872.98	5.31E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05
2446	625103.15	4264876.89	5.33E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05
2447	625112.2	4264880.79	5.34E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05
2448	625121.25	4264884.69	5.35E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05
2449	625130.3	4264888.6	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05
2450	625139.35	4264892.5	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05
2451	625148.4	4264896.4	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05
2452	625157.45	4264900.31	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05
2453	625166.5	4264904.21	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05
2454	625175.55	4264908.11	5.33E-04	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05
2455	625184.6	4264912.02	5.32E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05
2456	625193.65	4264915.92	5.29E-04	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05
2457	625202.7	4264919.82	5.27E-04	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.13E-05
2458	625211.75	4264923.73	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.09E-05
2459	625220.8	4264927.63	5.21E-04	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05
2460	625229.85	4264931.53	5.18E-04	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.41E-05	7.99E-05
2461	625238.9	4264935.44	5.14E-04	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05
2462	625247.95	4264939.34	5.10E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05
2463	625257	4264943.24	5.06E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.81E-05
2464	625266.05	4264947.15	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.74E-05
2465	625275.09	4264951.05	4.97E-04	1.71E-04	4.15E-04	1.28E-04	9.83E-05	3.27E-05	7.66E-05
2466	625284.14	4264954.95	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.59E-05
2467	625293.19	4264958.86	4.87E-04	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.21E-05	7.51E-05
2468	625302.24	4264962.76	4.81E-04	1.66E-04	4.02E-04	1.24E-04	9.53E-05	3.17E-05	7.43E-05
2469	625311.29	4264966.66	4.76E-04	1.64E-04	3.98E-04	1.23E-04	9.42E-05	3.14E-05	7.34E-05
2470	625320.34	4264970.57	4.70E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05
2471	625329.39	4264974.47	4.65E-04	1.60E-04	3.89E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05
2472	625338.44	4264978.38	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.08E-05
2473	625347.49	4264982.28	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.99E-05	6.99E-05
2474	625356.54	4264986.18	4.47E-04	1.54E-04	3.74E-04	1.15E-04	8.86E-05	2.95E-05	6.90E-05
2475	625365.59	4264990.09	4.42E-04	1.52E-04	3.69E-04	1.14E-04	8.74E-05	2.91E-05	6.81E-05
2476	625374.64	4264993.99	4.36E-04	1.50E-04	3.64E-04	1.12E-04	8.62E-05	2.87E-05	6.72E-05
2477	625383.69	4264997.89	4.30E-04	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.63E-05
2478	625392.74	4265001.8	4.24E-04	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.79E-05	6.55E-05
2479	625401.79	4265005.7	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.29E-05	2.76E-05	6.46E-05
2480	625410.84	4265009.6	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05
2481	625419.89	4265013.51	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05
2482	625428.94	4265017.41	4.02E-04	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05
2483	625437.99	4265021.31	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.12E-05
2484	625447.04	4265025.22	3.91E-04	1.35E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.04E-05
2485	625456.09	4265029.12	3.86E-04	1.33E-04	3.23E-04	9.95E-05	7.65E-05	2.55E-05	5.96E-05
2486	625465.14	4265033.02	3.82E-04	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.89E-05
2487	625474.19	4265036.93	3.77E-04	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.81E-05
2488	625483.24	4265040.83	3.72E-04	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05
2489	625492.29	4265044.73	3.68E-04	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.67E-05
2490	625504.97	4265057.8	3.63E-04	1.25E-04	3.03E-04	9.35E-05	7.19E-05	2.39E-05	5.60E-05
2491	625508.6	4265066.97	3.63E-04	1.25E-04	3.03E-04	9.34E-05	7.18E-05	2.39E-05	5.60E-05
2492	625512.22	4265076.13	3.62E-04	1.25E-04	3.03E-04	9.33E-05	7.17E-05	2.39E-05	5.59E-05

2493	625515.85	4265085.29	3.62E-04	1.24E-04	3.03E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05
2494	625519.48	4265094.46	3.62E-04	1.24E-04	3.02E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05
2495	625523.11	4265103.62	3.62E-04	1.24E-04	3.02E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05
2496	625526.73	4265112.79	3.62E-04	1.24E-04	3.03E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05
2497	625530.36	4265121.95	3.62E-04	1.24E-04	3.02E-04	9.31E-05	7.16E-05	2.38E-05	5.58E-05
2498	625533.99	4265131.11	3.61E-04	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.58E-05
2499	625537.62	4265140.28	3.61E-04	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.57E-05
2500	625541.24	4265149.44	3.61E-04	1.24E-04	3.02E-04	9.29E-05	7.15E-05	2.38E-05	5.57E-05
2501	625544.87	4265158.61	3.61E-04	1.24E-04	3.01E-04	9.28E-05	7.14E-05	2.38E-05	5.56E-05
2502	625548.5	4265167.77	3.60E-04	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.56E-05
2503	625552.12	4265176.93	3.60E-04	1.24E-04	3.01E-04	9.26E-05	7.12E-05	2.37E-05	5.55E-05
2504	625555.75	4265186.1	3.59E-04	1.24E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05
2505	625559.38	4265195.26	3.58E-04	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05
2506	625563.01	4265204.43	3.58E-04	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05
2507	625566.63	4265213.59	3.57E-04	1.23E-04	2.98E-04	9.19E-05	7.07E-05	2.35E-05	5.51E-05
2508	625570.26	4265222.76	3.56E-04	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05
2509	625573.89	4265231.92	3.56E-04	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05
2510	625577.51	4265241.08	3.55E-04	1.22E-04	2.97E-04	9.14E-05	7.03E-05	2.34E-05	5.48E-05
2511	625581.14	4265250.25	3.54E-04	1.22E-04	2.96E-04	9.12E-05	7.01E-05	2.33E-05	5.47E-05
2512	625584.77	4265259.41	3.53E-04	1.21E-04	2.95E-04	9.10E-05	6.99E-05	2.33E-05	5.45E-05
2513	625588.4	4265268.58	3.52E-04	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.43E-05
2514	625592.02	4265277.74	3.51E-04	1.21E-04	2.93E-04	9.04E-05	6.95E-05	2.31E-05	5.42E-05
2515	625595.65	4265286.9	3.50E-04	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05
2516	625599.28	4265296.07	3.49E-04	1.20E-04	2.92E-04	8.98E-05	6.91E-05	2.30E-05	5.38E-05
2517	625602.9	4265305.23	3.48E-04	1.20E-04	2.91E-04	8.95E-05	6.88E-05	2.29E-05	5.36E-05
2518	625606.53	4265314.4	3.46E-04	1.19E-04	2.89E-04	8.92E-05	6.86E-05	2.28E-05	5.34E-05
2519	625610.16	4265323.56	3.45E-04	1.19E-04	2.88E-04	8.88E-05	6.83E-05	2.27E-05	5.32E-05
2520	625613.79	4265332.72	3.43E-04	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05
2521	625617.41	4265341.89	3.42E-04	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.28E-05
2522	625621.04	4265351.05	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05
2523	625624.67	4265360.22	3.39E-04	1.16E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05
2524	625628.3	4265369.38	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05
2525	625631.92	4265378.55	3.35E-04	1.15E-04	2.80E-04	8.63E-05	6.64E-05	2.21E-05	5.17E-05
2526	625635.55	4265387.71	3.34E-04	1.15E-04	2.79E-04	8.59E-05	6.60E-05	2.20E-05	5.15E-05
2527	625639.18	4265396.87	3.32E-04	1.14E-04	2.77E-04	8.54E-05	6.57E-05	2.19E-05	5.12E-05
2528	625642.8	4265406.04	3.30E-04	1.13E-04	2.76E-04	8.49E-05	6.53E-05	2.17E-05	5.09E-05
2529	625646.43	4265415.2	3.28E-04	1.13E-04	2.74E-04	8.44E-05	6.49E-05	2.16E-05	5.06E-05
2530	625650.06	4265424.37	3.26E-04	1.12E-04	2.72E-04	8.39E-05	6.45E-05	2.15E-05	5.03E-05
2531	625653.69	4265433.53	3.24E-04	1.11E-04	2.71E-04	8.34E-05	6.41E-05	2.13E-05	5.00E-05
2532	625657.31	4265442.69	3.22E-04	1.11E-04	2.69E-04	8.28E-05	6.37E-05	2.12E-05	4.96E-05
2533	625660.94	4265451.86	3.20E-04	1.10E-04	2.67E-04	8.23E-05	6.32E-05	2.11E-05	4.93E-05
2534	625664.57	4265461.02	3.17E-04	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05
2535	625668.19	4265470.19	3.15E-04	1.08E-04	2.64E-04	8.12E-05	6.24E-05	2.08E-05	4.86E-05
2536	625671.82	4265479.35	3.13E-04	1.08E-04	2.62E-04	8.06E-05	6.20E-05	2.06E-05	4.83E-05
2537	625675.45	4265488.51	3.11E-04	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05
2538	625679.08	4265497.68	3.09E-04	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05
2539	625682.7	4265506.84	3.07E-04	1.06E-04	2.57E-04	7.90E-05	6.08E-05	2.02E-05	4.74E-05
2540	625686.33	4265516.01	3.05E-04	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05
2541	625689.96	4265525.17	3.03E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05
2542	625693.59	4265534.34	3.00E-04	1.03E-04	2.51E-04	7.73E-05	5.95E-05	1.98E-05	4.63E-05
2543	625697.21	4265543.5	2.98E-04	1.02E-04	2.49E-04	7.67E-05	5.90E-05	1.96E-05	4.60E-05
2544	625700.84	4265552.66	2.95E-04	1.02E-04	2.47E-04	7.60E-05	5.84E-05	1.95E-05	4.56E-05

2545	625704.47	4265561.83	2.93E-04	1.01E-04	2.45E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05
2546	625708.09	4265570.99	2.90E-04	9.97E-05	2.42E-04	7.47E-05	5.74E-05	1.91E-05	4.48E-05
2547	625711.72	4265580.16	2.88E-04	9.89E-05	2.40E-04	7.40E-05	5.69E-05	1.89E-05	4.44E-05
2548	625715.35	4265589.32	2.85E-04	9.80E-05	2.38E-04	7.33E-05	5.64E-05	1.88E-05	4.40E-05
2549	625718.98	4265598.48	2.82E-04	9.70E-05	2.36E-04	7.26E-05	5.58E-05	1.86E-05	4.35E-05
2550	625722.6	4265607.65	2.79E-04	9.61E-05	2.34E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05
2551	625726.23	4265616.81	2.77E-04	9.51E-05	2.31E-04	7.12E-05	5.47E-05	1.82E-05	4.27E-05
2552	625729.86	4265625.98	2.74E-04	9.41E-05	2.29E-04	7.05E-05	5.42E-05	1.80E-05	4.22E-05
2553	625733.48	4265635.14	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05
2554	625737.11	4265644.3	2.68E-04	9.21E-05	2.24E-04	6.89E-05	5.30E-05	1.76E-05	4.13E-05
2555	625740.74	4265653.47	2.65E-04	9.10E-05	2.21E-04	6.82E-05	5.24E-05	1.74E-05	4.08E-05
2556	625744.37	4265662.63	2.62E-04	9.00E-05	2.19E-04	6.74E-05	5.18E-05	1.72E-05	4.04E-05
2557	625747.99	4265671.8	2.59E-04	8.89E-05	2.16E-04	6.66E-05	5.12E-05	1.70E-05	3.99E-05
2558	625751.62	4265680.96	2.55E-04	8.78E-05	2.14E-04	6.58E-05	5.06E-05	1.68E-05	3.94E-05
2559	624867.85	4264775.4	4.28E-04	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05
2560	624857.94	4264775.26	4.26E-04	1.47E-04	3.56E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05
2561	624848.03	4264775.12	4.25E-04	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05
2562	624838.12	4264774.98	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05
2563	624828.21	4264774.85	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.34E-05	2.77E-05	6.50E-05
2564	624818.3	4264774.71	4.19E-04	1.44E-04	3.51E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05
2565	624808.4	4264774.57	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.44E-05
2566	624798.49	4264774.43	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.23E-05	2.74E-05	6.42E-05
2567	624788.58	4264774.3	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05
2568	624778.67	4264774.16	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05
2569	624768.76	4264774.02	4.11E-04	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.34E-05
2570	624758.85	4264773.89	4.10E-04	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05
2571	624748.94	4264773.75	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.69E-05	6.29E-05
2572	624739.03	4264773.61	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
2573	624729.13	4264773.47	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.66E-05	6.24E-05
2574	624719.22	4264773.34	4.03E-04	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05
2575	624709.31	4264773.2	4.01E-04	1.38E-04	3.35E-04	1.03E-04	7.93E-05	2.64E-05	6.18E-05
2576	624699.4	4264773.06	3.99E-04	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05
2577	624689.49	4264772.92	3.97E-04	1.36E-04	3.32E-04	1.02E-04	7.86E-05	2.61E-05	6.12E-05
2578	624679.58	4264772.79	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05
2579	624669.67	4264772.65	3.93E-04	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05
2580	624659.76	4264772.51	3.90E-04	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05
2581	624649.86	4264772.37	3.88E-04	1.33E-04	3.24E-04	9.99E-05	7.68E-05	2.56E-05	5.99E-05
2582	624639.95	4264772.24	3.86E-04	1.33E-04	3.22E-04	9.93E-05	7.64E-05	2.54E-05	5.95E-05
2583	624630.04	4264772.1	3.83E-04	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.52E-05	5.91E-05
2584	624620.13	4264771.96	3.81E-04	1.31E-04	3.18E-04	9.80E-05	7.53E-05	2.51E-05	5.87E-05
2585	624610.22	4264771.82	3.78E-04	1.30E-04	3.16E-04	9.73E-05	7.48E-05	2.49E-05	5.83E-05
2586	624600.31	4264771.69	3.75E-04	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.79E-05
2587	624590.4	4264771.55	3.72E-04	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05
2588	624580.49	4264771.41	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05
2589	624570.58	4264771.27	3.66E-04	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05
2590	624560.68	4264771.14	3.63E-04	1.25E-04	3.03E-04	9.34E-05	7.18E-05	2.39E-05	5.60E-05
2591	624550.77	4264771	3.59E-04	1.24E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05
2592	624540.86	4264770.86	3.56E-04	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05
2593	624530.95	4264770.72	3.52E-04	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.44E-05
2594	624521.04	4264770.59	3.49E-04	1.20E-04	2.92E-04	8.99E-05	6.91E-05	2.30E-05	5.39E-05
2595	624511.13	4264770.45	3.46E-04	1.19E-04	2.89E-04	8.90E-05	6.84E-05	2.28E-05	5.34E-05
2596	624501.22	4264770.31	3.43E-04	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.29E-05

2597	624491.31	4264770.18	3.39E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05
2598	624481.41	4264770.04	3.36E-04	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.19E-05
2599	624471.5	4264769.9	3.33E-04	1.15E-04	2.78E-04	8.57E-05	6.59E-05	2.19E-05	5.14E-05
2600	624461.59	4264769.76	3.30E-04	1.13E-04	2.76E-04	8.49E-05	6.53E-05	2.17E-05	5.09E-05
2601	624451.68	4264769.63	3.27E-04	1.12E-04	2.73E-04	8.41E-05	6.47E-05	2.15E-05	5.04E-05
2602	624441.77	4264769.49	3.24E-04	1.11E-04	2.71E-04	8.34E-05	6.41E-05	2.13E-05	5.00E-05
2603	624431.86	4264769.35	3.21E-04	1.10E-04	2.68E-04	8.26E-05	6.35E-05	2.11E-05	4.95E-05
2604	624421.95	4264769.21	3.18E-04	1.09E-04	2.66E-04	8.18E-05	6.29E-05	2.09E-05	4.90E-05
2605	624412.04	4264769.08	3.15E-04	1.08E-04	2.63E-04	8.11E-05	6.23E-05	2.08E-05	4.86E-05
2606	624402.14	4264768.94	3.12E-04	1.07E-04	2.61E-04	8.03E-05	6.18E-05	2.06E-05	4.82E-05
2607	624392.23	4264768.8	3.09E-04	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05
2608	624382.32	4264768.66	3.06E-04	1.05E-04	2.56E-04	7.89E-05	6.06E-05	2.02E-05	4.73E-05
2609	624372.41	4264768.53	3.03E-04	1.04E-04	2.54E-04	7.81E-05	6.01E-05	2.00E-05	4.68E-05
2610	624878.26	4264679.3	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.31E-05	2.43E-05	5.69E-05
2611	624887.28	4264683.19	3.73E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05
2612	624896.31	4264687.08	3.76E-04	1.29E-04	3.14E-04	9.68E-05	7.44E-05	2.48E-05	5.80E-05
2613	624905.33	4264690.98	3.80E-04	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05
2614	624914.36	4264694.87	3.83E-04	1.32E-04	3.20E-04	9.86E-05	7.58E-05	2.52E-05	5.91E-05
2615	624923.38	4264698.76	3.87E-04	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05
2616	624932.4	4264702.65	3.90E-04	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05
2617	624941.43	4264706.54	3.94E-04	1.36E-04	3.30E-04	1.02E-04	7.80E-05	2.60E-05	6.08E-05
2618	624950.45	4264710.44	3.98E-04	1.37E-04	3.33E-04	1.03E-04	7.88E-05	2.62E-05	6.14E-05
2619	624959.48	4264714.33	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.20E-05
2620	624968.5	4264718.22	4.06E-04	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
2621	624977.52	4264722.11	4.10E-04	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05
2622	624986.55	4264726.01	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05
2623	624995.57	4264729.9	4.18E-04	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.45E-05
2624	625004.6	4264733.79	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05
2625	625013.62	4264737.68	4.26E-04	1.47E-04	3.56E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05
2626	625022.65	4264741.58	4.30E-04	1.48E-04	3.60E-04	1.11E-04	8.52E-05	2.84E-05	6.64E-05
2627	625031.67	4264745.47	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05
2628	625040.69	4264749.36	4.38E-04	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05
2629	625049.72	4264753.25	4.42E-04	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05
2630	625058.74	4264757.14	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05
2631	625067.77	4264761.04	4.49E-04	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.93E-05
2632	625076.79	4264764.93	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05
2633	625085.81	4264768.82	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.00E-05	7.04E-05
2634	625094.84	4264772.71	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.08E-05
2635	625103.86	4264776.61	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05
2636	625112.89	4264780.5	4.65E-04	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05
2637	625121.91	4264784.39	4.67E-04	1.61E-04	3.90E-04	1.20E-04	9.24E-05	3.08E-05	7.20E-05
2638	625130.94	4264788.28	4.69E-04	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.24E-05
2639	625139.96	4264792.18	4.71E-04	1.62E-04	3.93E-04	1.21E-04	9.32E-05	3.10E-05	7.26E-05
2640	625148.98	4264796.07	4.72E-04	1.62E-04	3.95E-04	1.22E-04	9.34E-05	3.11E-05	7.28E-05
2641	625158.01	4264799.96	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05
2642	625167.03	4264803.85	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05
2643	625176.06	4264807.74	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.13E-05	7.32E-05
2644	625185.08	4264811.64	4.74E-04	1.63E-04	3.97E-04	1.22E-04	9.39E-05	3.13E-05	7.32E-05
2645	625194.1	4264815.53	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.12E-05	7.32E-05
2646	625203.13	4264819.42	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05
2647	625212.15	4264823.31	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05
2648	625221.18	4264827.21	4.72E-04	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05

2649	625230.2	4264831.1	4.70E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.25E-05
2650	625239.22	4264834.99	4.68E-04	1.61E-04	3.92E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05
2651	625248.25	4264838.88	4.66E-04	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.20E-05
2652	625257.27	4264842.78	4.64E-04	1.60E-04	3.88E-04	1.19E-04	9.18E-05	3.06E-05	7.16E-05
2653	625266.3	4264846.67	4.61E-04	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05
2654	625275.32	4264850.56	4.59E-04	1.58E-04	3.83E-04	1.18E-04	9.08E-05	3.02E-05	7.08E-05
2655	625284.35	4264854.45	4.55E-04	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05
2656	625293.37	4264858.34	4.52E-04	1.55E-04	3.78E-04	1.16E-04	8.95E-05	2.98E-05	6.97E-05
2657	625302.39	4264862.24	4.48E-04	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05
2658	625311.42	4264866.13	4.45E-04	1.53E-04	3.72E-04	1.14E-04	8.80E-05	2.93E-05	6.86E-05
2659	625320.44	4264870.02	4.41E-04	1.51E-04	3.68E-04	1.13E-04	8.72E-05	2.90E-05	6.80E-05
2660	625329.47	4264873.91	4.36E-04	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.87E-05	6.73E-05
2661	625338.49	4264877.81	4.32E-04	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.66E-05
2662	625347.51	4264881.7	4.27E-04	1.47E-04	3.57E-04	1.10E-04	8.46E-05	2.82E-05	6.59E-05
2663	625356.54	4264885.59	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.78E-05	6.52E-05
2664	625365.56	4264889.48	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05
2665	625374.59	4264893.38	4.13E-04	1.42E-04	3.45E-04	1.06E-04	8.18E-05	2.72E-05	6.38E-05
2666	625383.61	4264897.27	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05
2667	625392.63	4264901.16	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
2668	625401.66	4264905.05	3.99E-04	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05
2669	625410.68	4264908.95	3.94E-04	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.07E-05
2670	625419.71	4264912.84	3.88E-04	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	5.99E-05
2671	625428.73	4264916.73	3.83E-04	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.53E-05	5.91E-05
2672	625437.76	4264920.62	3.78E-04	1.30E-04	3.16E-04	9.74E-05	7.49E-05	2.49E-05	5.84E-05
2673	625446.78	4264924.51	3.73E-04	1.28E-04	3.12E-04	9.61E-05	7.39E-05	2.46E-05	5.76E-05
2674	625455.8	4264928.41	3.68E-04	1.27E-04	3.08E-04	9.48E-05	7.29E-05	2.43E-05	5.68E-05
2675	625464.83	4264932.3	3.63E-04	1.25E-04	3.04E-04	9.36E-05	7.19E-05	2.39E-05	5.61E-05
2676	625473.85	4264936.19	3.59E-04	1.23E-04	3.00E-04	9.24E-05	7.10E-05	2.36E-05	5.54E-05
2677	625482.88	4264940.08	3.54E-04	1.22E-04	2.96E-04	9.12E-05	7.01E-05	2.33E-05	5.46E-05
2678	625491.9	4264943.98	3.50E-04	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.40E-05
2679	625500.92	4264947.87	3.46E-04	1.19E-04	2.89E-04	8.90E-05	6.84E-05	2.28E-05	5.33E-05
2680	625509.95	4264951.76	3.41E-04	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05
2681	625518.97	4264955.65	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.68E-05	2.22E-05	5.20E-05
2682	625528	4264959.55	3.33E-04	1.15E-04	2.79E-04	8.58E-05	6.60E-05	2.20E-05	5.14E-05
2683	625537.02	4264963.44	3.30E-04	1.13E-04	2.76E-04	8.49E-05	6.52E-05	2.17E-05	5.09E-05
2684	625546.05	4264967.33	3.26E-04	1.12E-04	2.73E-04	8.39E-05	6.45E-05	2.15E-05	5.03E-05
2685	625555.07	4264971.22	3.23E-04	1.11E-04	2.70E-04	8.30E-05	6.38E-05	2.13E-05	4.98E-05
2686	625564.09	4264975.11	3.19E-04	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05
2687	625576.73	4264988.14	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05
2688	625580.35	4264997.28	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05
2689	625583.97	4265006.42	3.16E-04	1.09E-04	2.64E-04	8.14E-05	6.26E-05	2.08E-05	4.88E-05
2690	625587.59	4265015.56	3.16E-04	1.09E-04	2.64E-04	8.15E-05	6.26E-05	2.08E-05	4.88E-05
2691	625591.2	4265024.7	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05
2692	625594.82	4265033.83	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05
2693	625598.44	4265042.97	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05
2694	625602.05	4265052.11	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05
2695	625605.67	4265061.25	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.88E-05
2696	625609.29	4265070.39	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.26E-05	2.09E-05	4.88E-05
2697	625612.9	4265079.52	3.16E-04	1.09E-04	2.64E-04	8.15E-05	6.26E-05	2.08E-05	4.88E-05
2698	625616.52	4265088.66	3.16E-04	1.09E-04	2.64E-04	8.14E-05	6.26E-05	2.08E-05	4.88E-05
2699	625620.14	4265097.8	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05
2700	625623.75	4265106.94	3.16E-04	1.08E-04	2.64E-04	8.12E-05	6.24E-05	2.08E-05	4.87E-05

2701	625627.37	4265116.08	3.15E-04	1.08E-04	2.63E-04	8.11E-05	6.24E-05	2.08E-05	4.86E-05
2702	625630.99	4265125.21	3.15E-04	1.08E-04	2.63E-04	8.11E-05	6.23E-05	2.07E-05	4.86E-05
2703	625634.6	4265134.35	3.15E-04	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.86E-05
2704	625638.22	4265143.49	3.15E-04	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.85E-05
2705	625641.84	4265152.63	3.14E-04	1.08E-04	2.63E-04	8.09E-05	6.22E-05	2.07E-05	4.85E-05
2706	625645.46	4265161.77	3.14E-04	1.08E-04	2.62E-04	8.08E-05	6.21E-05	2.07E-05	4.84E-05
2707	625649.07	4265170.9	3.13E-04	1.08E-04	2.62E-04	8.06E-05	6.20E-05	2.06E-05	4.83E-05
2708	625652.69	4265180.04	3.13E-04	1.07E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.82E-05
2709	625656.31	4265189.18	3.12E-04	1.07E-04	2.61E-04	8.03E-05	6.17E-05	2.06E-05	4.81E-05
2710	625659.92	4265198.32	3.11E-04	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05
2711	625663.54	4265207.46	3.10E-04	1.07E-04	2.59E-04	7.99E-05	6.15E-05	2.05E-05	4.79E-05
2712	625667.16	4265216.6	3.10E-04	1.06E-04	2.59E-04	7.97E-05	6.13E-05	2.04E-05	4.78E-05
2713	625670.77	4265225.73	3.09E-04	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.03E-05	4.76E-05
2714	625674.39	4265234.87	3.08E-04	1.06E-04	2.57E-04	7.93E-05	6.09E-05	2.03E-05	4.75E-05
2715	625678.01	4265244.01	3.07E-04	1.06E-04	2.57E-04	7.90E-05	6.07E-05	2.02E-05	4.74E-05
2716	625681.62	4265253.15	3.06E-04	1.05E-04	2.56E-04	7.88E-05	6.05E-05	2.02E-05	4.72E-05
2717	625685.24	4265262.29	3.05E-04	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05
2718	625688.86	4265271.42	3.04E-04	1.04E-04	2.54E-04	7.82E-05	6.01E-05	2.00E-05	4.69E-05
2719	625692.47	4265280.56	3.02E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05
2720	625696.09	4265289.7	3.01E-04	1.04E-04	2.52E-04	7.76E-05	5.96E-05	1.98E-05	4.65E-05
2721	625699.71	4265298.84	3.00E-04	1.03E-04	2.51E-04	7.72E-05	5.94E-05	1.98E-05	4.63E-05
2722	625703.33	4265307.98	2.99E-04	1.03E-04	2.50E-04	7.69E-05	5.91E-05	1.97E-05	4.61E-05
2723	625706.94	4265317.11	2.97E-04	1.02E-04	2.48E-04	7.65E-05	5.88E-05	1.96E-05	4.59E-05
2724	625710.56	4265326.25	2.96E-04	1.02E-04	2.47E-04	7.62E-05	5.86E-05	1.95E-05	4.57E-05
2725	625714.18	4265335.39	2.94E-04	1.01E-04	2.46E-04	7.58E-05	5.83E-05	1.94E-05	4.54E-05
2726	625717.79	4265344.53	2.93E-04	1.01E-04	2.45E-04	7.54E-05	5.80E-05	1.93E-05	4.52E-05
2727	625721.41	4265353.67	2.91E-04	1.00E-04	2.44E-04	7.50E-05	5.77E-05	1.92E-05	4.50E-05
2728	625725.03	4265362.8	2.90E-04	9.97E-05	2.42E-04	7.46E-05	5.74E-05	1.91E-05	4.47E-05
2729	625728.64	4265371.94	2.88E-04	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05
2730	625732.26	4265381.08	2.87E-04	9.86E-05	2.40E-04	7.38E-05	5.68E-05	1.89E-05	4.43E-05
2731	625735.88	4265390.22	2.85E-04	9.81E-05	2.38E-04	7.34E-05	5.65E-05	1.88E-05	4.40E-05
2732	625739.49	4265399.36	2.84E-04	9.76E-05	2.37E-04	7.30E-05	5.62E-05	1.87E-05	4.38E-05
2733	625743.11	4265408.49	2.82E-04	9.70E-05	2.36E-04	7.26E-05	5.58E-05	1.86E-05	4.35E-05
2734	625746.73	4265417.63	2.81E-04	9.65E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05
2735	625750.34	4265426.77	2.79E-04	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.30E-05
2736	625753.96	4265435.91	2.77E-04	9.54E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05
2737	625757.58	4265445.05	2.76E-04	9.48E-05	2.30E-04	7.10E-05	5.46E-05	1.82E-05	4.25E-05
2738	625761.2	4265454.18	2.74E-04	9.43E-05	2.29E-04	7.06E-05	5.43E-05	1.81E-05	4.23E-05
2739	625764.81	4265463.32	2.73E-04	9.37E-05	2.28E-04	7.02E-05	5.39E-05	1.80E-05	4.20E-05
2740	625768.43	4265472.46	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05
2741	625772.05	4265481.6	2.69E-04	9.25E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05
2742	625775.66	4265490.74	2.67E-04	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.12E-05
2743	625779.28	4265499.87	2.65E-04	9.13E-05	2.22E-04	6.84E-05	5.25E-05	1.75E-05	4.10E-05
2744	625782.9	4265509.01	2.64E-04	9.07E-05	2.20E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05
2745	625786.51	4265518.15	2.62E-04	9.00E-05	2.19E-04	6.74E-05	5.18E-05	1.72E-05	4.04E-05
2746	625790.13	4265527.29	2.60E-04	8.94E-05	2.17E-04	6.69E-05	5.14E-05	1.71E-05	4.01E-05
2747	625793.75	4265536.43	2.58E-04	8.87E-05	2.16E-04	6.64E-05	5.10E-05	1.70E-05	3.98E-05
2748	625797.36	4265545.56	2.56E-04	8.80E-05	2.14E-04	6.59E-05	5.07E-05	1.69E-05	3.95E-05
2749	625800.98	4265554.7	2.54E-04	8.73E-05	2.12E-04	6.54E-05	5.03E-05	1.67E-05	3.92E-05
2750	625804.6	4265563.84	2.52E-04	8.66E-05	2.11E-04	6.48E-05	4.99E-05	1.66E-05	3.89E-05
2751	625808.22	4265572.98	2.50E-04	8.59E-05	2.09E-04	6.43E-05	4.94E-05	1.65E-05	3.85E-05
2752	625811.83	4265582.12	2.48E-04	8.51E-05	2.07E-04	6.37E-05	4.90E-05	1.63E-05	3.82E-05

2753	625815.45	4265591.25	2.45E-04	8.44E-05	2.05E-04	6.32E-05	4.86E-05	1.62E-05	3.79E-05
2754	625819.07	4265600.39	2.43E-04	8.36E-05	2.03E-04	6.26E-05	4.81E-05	1.60E-05	3.75E-05
2755	625822.68	4265609.53	2.41E-04	8.28E-05	2.01E-04	6.20E-05	4.76E-05	1.59E-05	3.71E-05
2756	625826.3	4265618.67	2.38E-04	8.19E-05	1.99E-04	6.13E-05	4.72E-05	1.57E-05	3.68E-05
2757	625829.92	4265627.81	2.36E-04	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05
2758	625833.53	4265636.94	2.33E-04	8.02E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05
2759	625837.15	4265646.08	2.31E-04	7.94E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05
2760	625840.77	4265655.22	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05
2761	625844.38	4265664.36	2.26E-04	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05
2762	625848	4265673.5	2.23E-04	7.67E-05	1.86E-04	5.74E-05	4.42E-05	1.47E-05	3.44E-05
2763	625851.62	4265682.63	2.20E-04	7.58E-05	1.84E-04	5.68E-05	4.36E-05	1.45E-05	3.40E-05
2764	624869.24	4264675.41	3.66E-04	1.26E-04	3.06E-04	9.41E-05	7.24E-05	2.41E-05	5.64E-05
2765	624859.33	4264675.27	3.64E-04	1.25E-04	3.05E-04	9.38E-05	7.21E-05	2.40E-05	5.62E-05
2766	624849.42	4264675.13	3.63E-04	1.25E-04	3.04E-04	9.35E-05	7.19E-05	2.39E-05	5.60E-05
2767	624839.51	4264674.99	3.62E-04	1.24E-04	3.03E-04	9.32E-05	7.16E-05	2.38E-05	5.58E-05
2768	624829.6	4264674.86	3.61E-04	1.24E-04	3.02E-04	9.29E-05	7.14E-05	2.38E-05	5.57E-05
2769	624819.69	4264674.72	3.60E-04	1.24E-04	3.01E-04	9.26E-05	7.12E-05	2.37E-05	5.55E-05
2770	624809.78	4264674.58	3.59E-04	1.23E-04	3.00E-04	9.23E-05	7.10E-05	2.36E-05	5.53E-05
2771	624799.87	4264674.44	3.58E-04	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05
2772	624789.96	4264674.31	3.57E-04	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05
2773	624780.06	4264674.17	3.56E-04	1.22E-04	2.97E-04	9.15E-05	7.04E-05	2.34E-05	5.49E-05
2774	624770.15	4264674.03	3.55E-04	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05
2775	624760.24	4264673.89	3.54E-04	1.22E-04	2.95E-04	9.10E-05	7.00E-05	2.33E-05	5.45E-05
2776	624750.33	4264673.76	3.53E-04	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05
2777	624740.42	4264673.62	3.51E-04	1.21E-04	2.94E-04	9.05E-05	6.96E-05	2.32E-05	5.42E-05
2778	624730.51	4264673.48	3.51E-04	1.21E-04	2.93E-04	9.03E-05	6.94E-05	2.31E-05	5.41E-05
2779	624720.6	4264673.35	3.50E-04	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.39E-05
2780	624710.69	4264673.21	3.49E-04	1.20E-04	2.91E-04	8.97E-05	6.90E-05	2.30E-05	5.38E-05
2781	624700.79	4264673.07	3.48E-04	1.20E-04	2.90E-04	8.95E-05	6.88E-05	2.29E-05	5.36E-05
2782	624690.88	4264672.93	3.46E-04	1.19E-04	2.90E-04	8.92E-05	6.86E-05	2.28E-05	5.35E-05
2783	624680.97	4264672.8	3.45E-04	1.19E-04	2.89E-04	8.89E-05	6.83E-05	2.27E-05	5.33E-05
2784	624671.06	4264672.66	3.44E-04	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05
2785	624661.15	4264672.52	3.43E-04	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.29E-05
2786	624651.24	4264672.38	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05
2787	624641.33	4264672.25	3.40E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05
2788	624631.42	4264672.11	3.38E-04	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05
2789	624621.52	4264671.97	3.36E-04	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.18E-05
2790	624611.61	4264671.83	3.34E-04	1.15E-04	2.79E-04	8.59E-05	6.61E-05	2.20E-05	5.15E-05
2791	624601.7	4264671.7	3.32E-04	1.14E-04	2.77E-04	8.54E-05	6.56E-05	2.18E-05	5.12E-05
2792	624591.79	4264671.56	3.29E-04	1.13E-04	2.75E-04	8.48E-05	6.52E-05	2.17E-05	5.08E-05
2793	624581.88	4264671.42	3.27E-04	1.12E-04	2.73E-04	8.41E-05	6.47E-05	2.15E-05	5.04E-05
2794	624571.97	4264671.28	3.24E-04	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.00E-05
2795	624562.06	4264671.15	3.22E-04	1.11E-04	2.69E-04	8.28E-05	6.37E-05	2.12E-05	4.96E-05
2796	624552.15	4264671.01	3.19E-04	1.10E-04	2.67E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05
2797	624542.24	4264670.87	3.16E-04	1.09E-04	2.64E-04	8.14E-05	6.26E-05	2.08E-05	4.88E-05
2798	624532.34	4264670.73	3.13E-04	1.08E-04	2.62E-04	8.06E-05	6.20E-05	2.06E-05	4.83E-05
2799	624522.43	4264670.6	3.10E-04	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.04E-05	4.79E-05
2800	624512.52	4264670.46	3.07E-04	1.06E-04	2.57E-04	7.91E-05	6.08E-05	2.02E-05	4.74E-05
2801	624502.61	4264670.32	3.04E-04	1.05E-04	2.54E-04	7.83E-05	6.02E-05	2.00E-05	4.69E-05
2802	624492.7	4264670.18	3.01E-04	1.04E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.65E-05
2803	624482.79	4264670.05	2.98E-04	1.02E-04	2.49E-04	7.67E-05	5.90E-05	1.96E-05	4.60E-05
2804	624472.88	4264669.91	2.95E-04	1.01E-04	2.46E-04	7.59E-05	5.84E-05	1.94E-05	4.55E-05

2805	624462.97	4264669.77	2.92E-04	1.00E-04	2.44E-04	7.52E-05	5.78E-05	1.92E-05	4.50E-05
2806	624453.07	4264669.64	2.89E-04	9.94E-05	2.42E-04	7.44E-05	5.72E-05	1.90E-05	4.46E-05
2807	624443.16	4264669.5	2.86E-04	9.84E-05	2.39E-04	7.37E-05	5.66E-05	1.89E-05	4.42E-05
2808	624433.25	4264669.36	2.83E-04	9.74E-05	2.37E-04	7.30E-05	5.61E-05	1.87E-05	4.37E-05
2809	624423.34	4264669.22	2.81E-04	9.65E-05	2.35E-04	7.23E-05	5.55E-05	1.85E-05	4.33E-05
2810	624413.43	4264669.09	2.78E-04	9.56E-05	2.32E-04	7.16E-05	5.50E-05	1.83E-05	4.29E-05
2811	624403.52	4264668.95	2.75E-04	9.47E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05
2812	624393.61	4264668.81	2.73E-04	9.38E-05	2.28E-04	7.02E-05	5.40E-05	1.80E-05	4.21E-05
2813	624383.7	4264668.67	2.70E-04	9.29E-05	2.26E-04	6.96E-05	5.35E-05	1.78E-05	4.17E-05
2814	624373.8	4264668.54	2.68E-04	9.21E-05	2.24E-04	6.89E-05	5.30E-05	1.76E-05	4.13E-05
2815	624879.62	4264579.3	3.20E-04	1.10E-04	2.67E-04	8.24E-05	6.33E-05	2.11E-05	4.94E-05
2816	624888.63	4264583.18	3.23E-04	1.11E-04	2.70E-04	8.30E-05	6.38E-05	2.12E-05	4.98E-05
2817	624897.63	4264587.07	3.25E-04	1.12E-04	2.72E-04	8.37E-05	6.44E-05	2.14E-05	5.02E-05
2818	624906.63	4264590.95	3.28E-04	1.13E-04	2.74E-04	8.44E-05	6.49E-05	2.16E-05	5.06E-05
2819	624915.64	4264594.83	3.31E-04	1.14E-04	2.76E-04	8.52E-05	6.55E-05	2.18E-05	5.10E-05
2820	624924.64	4264598.72	3.34E-04	1.15E-04	2.79E-04	8.59E-05	6.60E-05	2.20E-05	5.15E-05
2821	624933.64	4264602.6	3.37E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05
2822	624942.65	4264606.48	3.40E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05
2823	624951.65	4264610.37	3.43E-04	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.29E-05
2824	624960.65	4264614.25	3.46E-04	1.19E-04	2.89E-04	8.90E-05	6.84E-05	2.28E-05	5.33E-05
2825	624969.66	4264618.13	3.49E-04	1.20E-04	2.92E-04	8.98E-05	6.91E-05	2.30E-05	5.38E-05
2826	624978.66	4264622.01	3.52E-04	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.43E-05
2827	624987.66	4264625.9	3.55E-04	1.22E-04	2.97E-04	9.15E-05	7.04E-05	2.34E-05	5.48E-05
2828	624996.67	4264629.78	3.59E-04	1.23E-04	3.00E-04	9.24E-05	7.10E-05	2.36E-05	5.54E-05
2829	625005.67	4264633.66	3.62E-04	1.25E-04	3.03E-04	9.32E-05	7.17E-05	2.39E-05	5.59E-05
2830	625014.67	4264637.55	3.66E-04	1.26E-04	3.06E-04	9.41E-05	7.24E-05	2.41E-05	5.64E-05
2831	625023.68	4264641.43	3.69E-04	1.27E-04	3.09E-04	9.50E-05	7.31E-05	2.43E-05	5.70E-05
2832	625032.68	4264645.31	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05
2833	625041.68	4264649.2	3.76E-04	1.29E-04	3.14E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05
2834	625050.68	4264653.08	3.80E-04	1.31E-04	3.17E-04	9.78E-05	7.52E-05	2.50E-05	5.86E-05
2835	625059.69	4264656.96	3.83E-04	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.53E-05	5.91E-05
2836	625068.69	4264660.85	3.87E-04	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05
2837	625077.69	4264664.73	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05
2838	625086.7	4264668.61	3.94E-04	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.07E-05
2839	625095.7	4264672.5	3.97E-04	1.36E-04	3.32E-04	1.02E-04	7.86E-05	2.62E-05	6.12E-05
2840	625104.7	4264676.38	4.00E-04	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.64E-05	6.17E-05
2841	625113.71	4264680.26	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05
2842	625122.71	4264684.15	4.06E-04	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
2843	625131.71	4264688.03	4.09E-04	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05
2844	625140.72	4264691.91	4.11E-04	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.35E-05
2845	625149.72	4264695.8	4.14E-04	1.42E-04	3.46E-04	1.06E-04	8.19E-05	2.72E-05	6.38E-05
2846	625158.72	4264699.68	4.16E-04	1.43E-04	3.47E-04	1.07E-04	8.23E-05	2.74E-05	6.41E-05
2847	625167.73	4264703.56	4.17E-04	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05
2848	625176.73	4264707.45	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05
2849	625185.73	4264711.33	4.20E-04	1.45E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.49E-05
2850	625194.73	4264715.21	4.21E-04	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.50E-05
2851	625203.74	4264719.1	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05
2852	625212.74	4264722.98	4.23E-04	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05
2853	625221.74	4264726.86	4.23E-04	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05
2854	625230.75	4264730.75	4.23E-04	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05
2855	625239.75	4264734.63	4.23E-04	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05
2856	625248.75	4264738.51	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.78E-05	6.52E-05

2857	625257.76	4264742.4	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05
2858	625266.76	4264746.28	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05
2859	625275.76	4264750.16	4.20E-04	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.76E-05	6.47E-05
2860	625284.77	4264754.05	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.28E-05	2.75E-05	6.45E-05
2861	625293.77	4264757.93	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05
2862	625302.77	4264761.81	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05
2863	625311.78	4264765.7	4.12E-04	1.42E-04	3.44E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05
2864	625320.78	4264769.58	4.10E-04	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05
2865	625329.78	4264773.46	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05
2866	625338.79	4264777.35	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05
2867	625347.79	4264781.23	4.01E-04	1.38E-04	3.35E-04	1.03E-04	7.94E-05	2.64E-05	6.19E-05
2868	625356.79	4264785.11	3.98E-04	1.37E-04	3.33E-04	1.02E-04	7.88E-05	2.62E-05	6.14E-05
2869	625365.79	4264789	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05
2870	625374.8	4264792.88	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.03E-05
2871	625383.8	4264796.76	3.87E-04	1.33E-04	3.24E-04	9.97E-05	7.66E-05	2.55E-05	5.97E-05
2872	625392.8	4264800.64	3.83E-04	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.53E-05	5.91E-05
2873	625401.81	4264804.53	3.79E-04	1.30E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.85E-05
2874	625410.81	4264808.41	3.75E-04	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05
2875	625419.81	4264812.29	3.71E-04	1.28E-04	3.10E-04	9.55E-05	7.35E-05	2.45E-05	5.73E-05
2876	625428.82	4264816.18	3.67E-04	1.26E-04	3.07E-04	9.44E-05	7.26E-05	2.42E-05	5.66E-05
2877	625437.82	4264820.06	3.62E-04	1.25E-04	3.03E-04	9.33E-05	7.17E-05	2.39E-05	5.59E-05
2878	625446.82	4264823.94	3.58E-04	1.23E-04	2.99E-04	9.22E-05	7.09E-05	2.36E-05	5.53E-05
2879	625455.83	4264827.83	3.54E-04	1.22E-04	2.96E-04	9.11E-05	7.01E-05	2.33E-05	5.46E-05
2880	625464.83	4264831.71	3.50E-04	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.40E-05
2881	625473.83	4264835.59	3.45E-04	1.19E-04	2.89E-04	8.89E-05	6.83E-05	2.27E-05	5.33E-05
2882	625482.84	4264839.48	3.41E-04	1.17E-04	2.85E-04	8.77E-05	6.75E-05	2.25E-05	5.26E-05
2883	625491.84	4264843.36	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05
2884	625500.84	4264847.24	3.32E-04	1.14E-04	2.78E-04	8.56E-05	6.58E-05	2.19E-05	5.13E-05
2885	625509.85	4264851.13	3.28E-04	1.13E-04	2.74E-04	8.45E-05	6.50E-05	2.16E-05	5.07E-05
2886	625518.85	4264855.01	3.24E-04	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.01E-05
2887	625527.85	4264858.89	3.20E-04	1.10E-04	2.68E-04	8.25E-05	6.34E-05	2.11E-05	4.95E-05
2888	625536.85	4264862.78	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.88E-05
2889	625545.86	4264866.66	3.13E-04	1.08E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.83E-05
2890	625554.86	4264870.54	3.09E-04	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.04E-05	4.77E-05
2891	625563.86	4264874.43	3.05E-04	1.05E-04	2.55E-04	7.86E-05	6.04E-05	2.01E-05	4.71E-05
2892	625572.87	4264878.31	3.02E-04	1.04E-04	2.52E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05
2893	625581.87	4264882.19	2.99E-04	1.03E-04	2.50E-04	7.69E-05	5.92E-05	1.97E-05	4.61E-05
2894	625590.87	4264886.08	2.96E-04	1.02E-04	2.47E-04	7.61E-05	5.85E-05	1.95E-05	4.56E-05
2895	625599.88	4264889.96	2.93E-04	1.01E-04	2.45E-04	7.54E-05	5.79E-05	1.93E-05	4.52E-05
2896	625608.88	4264893.84	2.90E-04	9.97E-05	2.42E-04	7.46E-05	5.74E-05	1.91E-05	4.47E-05
2897	625617.88	4264897.73	2.87E-04	9.87E-05	2.40E-04	7.39E-05	5.68E-05	1.89E-05	4.43E-05
2898	625626.89	4264901.61	2.84E-04	9.78E-05	2.38E-04	7.32E-05	5.63E-05	1.87E-05	4.39E-05
2899	625635.89	4264905.49	2.82E-04	9.69E-05	2.36E-04	7.25E-05	5.58E-05	1.86E-05	4.35E-05
2900	625648.5	4264918.49	2.79E-04	9.61E-05	2.33E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05
2901	625652.11	4264927.61	2.79E-04	9.61E-05	2.34E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05
2902	625655.72	4264936.73	2.80E-04	9.61E-05	2.34E-04	7.20E-05	5.53E-05	1.84E-05	4.31E-05
2903	625659.33	4264945.84	2.80E-04	9.62E-05	2.34E-04	7.20E-05	5.53E-05	1.84E-05	4.31E-05
2904	625662.93	4264954.96	2.80E-04	9.62E-05	2.34E-04	7.20E-05	5.54E-05	1.84E-05	4.32E-05
2905	625666.54	4264964.08	2.80E-04	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.84E-05	4.32E-05
2906	625670.15	4264973.19	2.80E-04	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.85E-05	4.32E-05
2907	625673.76	4264982.31	2.80E-04	9.63E-05	2.34E-04	7.21E-05	5.55E-05	1.85E-05	4.32E-05
2908	625677.37	4264991.43	2.80E-04	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.32E-05

2909	625680.98	4265000.54	2.80E-04	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05
2910	625684.59	4265009.66	2.80E-04	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05
2911	625688.19	4265018.78	2.80E-04	9.65E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05
2912	625691.8	4265027.89	2.80E-04	9.65E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05
2913	625695.41	4265037.01	2.80E-04	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05
2914	625699.02	4265046.13	2.80E-04	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05
2915	625702.63	4265055.24	2.80E-04	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05
2916	625706.24	4265064.36	2.80E-04	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.85E-05	4.32E-05
2917	625709.84	4265073.48	2.80E-04	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.84E-05	4.32E-05
2918	625713.45	4265082.59	2.80E-04	9.62E-05	2.34E-04	7.20E-05	5.54E-05	1.84E-05	4.32E-05
2919	625717.06	4265091.71	2.79E-04	9.61E-05	2.34E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05
2920	625720.67	4265100.83	2.79E-04	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.31E-05
2921	625724.28	4265109.95	2.79E-04	9.58E-05	2.33E-04	7.17E-05	5.51E-05	1.84E-05	4.30E-05
2922	625727.89	4265119.06	2.78E-04	9.57E-05	2.32E-04	7.16E-05	5.51E-05	1.83E-05	4.29E-05
2923	625731.5	4265128.18	2.78E-04	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.28E-05
2924	625735.1	4265137.3	2.77E-04	9.53E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05
2925	625738.71	4265146.41	2.77E-04	9.51E-05	2.31E-04	7.12E-05	5.47E-05	1.82E-05	4.27E-05
2926	625742.32	4265155.53	2.76E-04	9.49E-05	2.31E-04	7.10E-05	5.46E-05	1.82E-05	4.26E-05
2927	625745.93	4265164.65	2.75E-04	9.46E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05
2928	625749.54	4265173.76	2.74E-04	9.44E-05	2.29E-04	7.07E-05	5.43E-05	1.81E-05	4.24E-05
2929	625753.15	4265182.88	2.74E-04	9.41E-05	2.29E-04	7.05E-05	5.42E-05	1.80E-05	4.22E-05
2930	625756.76	4265192	2.73E-04	9.38E-05	2.28E-04	7.03E-05	5.40E-05	1.80E-05	4.21E-05
2931	625760.36	4265201.11	2.72E-04	9.36E-05	2.27E-04	7.00E-05	5.38E-05	1.79E-05	4.20E-05
2932	625763.97	4265210.23	2.71E-04	9.32E-05	2.27E-04	6.98E-05	5.37E-05	1.79E-05	4.18E-05
2933	625767.58	4265219.35	2.70E-04	9.29E-05	2.26E-04	6.96E-05	5.35E-05	1.78E-05	4.17E-05
2934	625771.19	4265228.46	2.69E-04	9.26E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05
2935	625774.8	4265237.58	2.68E-04	9.22E-05	2.24E-04	6.91E-05	5.31E-05	1.77E-05	4.14E-05
2936	625778.41	4265246.7	2.67E-04	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.13E-05
2937	625782.01	4265255.81	2.66E-04	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.75E-05	4.11E-05
2938	625785.62	4265264.93	2.65E-04	9.12E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.09E-05
2939	625789.23	4265274.05	2.64E-04	9.07E-05	2.21E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05
2940	625792.84	4265283.16	2.63E-04	9.03E-05	2.20E-04	6.76E-05	5.20E-05	1.73E-05	4.05E-05
2941	625796.45	4265292.28	2.61E-04	8.99E-05	2.18E-04	6.73E-05	5.17E-05	1.72E-05	4.03E-05
2942	625800.06	4265301.4	2.60E-04	8.95E-05	2.18E-04	6.70E-05	5.15E-05	1.71E-05	4.02E-05
2943	625803.67	4265310.51	2.59E-04	8.91E-05	2.17E-04	6.67E-05	5.13E-05	1.71E-05	4.00E-05
2944	625807.27	4265319.63	2.58E-04	8.87E-05	2.16E-04	6.64E-05	5.11E-05	1.70E-05	3.98E-05
2945	625810.88	4265328.75	2.57E-04	8.82E-05	2.14E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05
2946	625814.49	4265337.86	2.55E-04	8.77E-05	2.13E-04	6.57E-05	5.05E-05	1.68E-05	3.94E-05
2947	625818.1	4265346.98	2.54E-04	8.73E-05	2.12E-04	6.53E-05	5.02E-05	1.67E-05	3.92E-05
2948	625821.71	4265356.1	2.52E-04	8.68E-05	2.11E-04	6.50E-05	5.00E-05	1.66E-05	3.90E-05
2949	625825.32	4265365.21	2.51E-04	8.64E-05	2.10E-04	6.47E-05	4.97E-05	1.65E-05	3.88E-05
2950	625828.92	4265374.33	2.50E-04	8.59E-05	2.09E-04	6.43E-05	4.95E-05	1.65E-05	3.86E-05
2951	625832.53	4265383.45	2.49E-04	8.55E-05	2.08E-04	6.40E-05	4.92E-05	1.64E-05	3.84E-05
2952	625836.14	4265392.56	2.47E-04	8.51E-05	2.07E-04	6.37E-05	4.90E-05	1.63E-05	3.82E-05
2953	625839.75	4265401.68	2.46E-04	8.46E-05	2.06E-04	6.33E-05	4.87E-05	1.62E-05	3.80E-05
2954	625843.36	4265410.8	2.45E-04	8.42E-05	2.05E-04	6.30E-05	4.85E-05	1.61E-05	3.78E-05
2955	625846.97	4265419.92	2.44E-04	8.37E-05	2.04E-04	6.27E-05	4.82E-05	1.60E-05	3.76E-05
2956	625850.58	4265429.03	2.42E-04	8.33E-05	2.02E-04	6.24E-05	4.79E-05	1.60E-05	3.74E-05
2957	625854.18	4265438.15	2.41E-04	8.29E-05	2.01E-04	6.20E-05	4.77E-05	1.59E-05	3.72E-05
2958	625857.79	4265447.27	2.40E-04	8.24E-05	2.00E-04	6.17E-05	4.74E-05	1.58E-05	3.70E-05
2959	625861.4	4265456.38	2.38E-04	8.20E-05	1.99E-04	6.14E-05	4.72E-05	1.57E-05	3.68E-05
2960	625865.01	4265465.5	2.37E-04	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05

2961	625868.62	4265474.62	2.36E-04	8.10E-05	1.97E-04	6.07E-05	4.66E-05	1.55E-05	3.64E-05
2962	625872.23	4265483.73	2.34E-04	8.05E-05	1.96E-04	6.03E-05	4.64E-05	1.54E-05	3.61E-05
2963	625875.83	4265492.85	2.33E-04	8.01E-05	1.95E-04	5.99E-05	4.61E-05	1.53E-05	3.59E-05
2964	625879.44	4265501.97	2.31E-04	7.96E-05	1.93E-04	5.96E-05	4.58E-05	1.52E-05	3.57E-05
2965	625883.05	4265511.08	2.30E-04	7.90E-05	1.92E-04	5.92E-05	4.55E-05	1.51E-05	3.55E-05
2966	625886.66	4265520.2	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05
2967	625890.27	4265529.32	2.27E-04	7.79E-05	1.89E-04	5.84E-05	4.49E-05	1.49E-05	3.50E-05
2968	625893.88	4265538.43	2.25E-04	7.74E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05
2969	625897.49	4265547.55	2.23E-04	7.68E-05	1.87E-04	5.75E-05	4.42E-05	1.47E-05	3.45E-05
2970	625901.09	4265556.67	2.22E-04	7.62E-05	1.85E-04	5.70E-05	4.39E-05	1.46E-05	3.42E-05
2971	625904.7	4265565.78	2.20E-04	7.56E-05	1.84E-04	5.66E-05	4.35E-05	1.45E-05	3.39E-05
2972	625908.31	4265574.9	2.18E-04	7.49E-05	1.82E-04	5.61E-05	4.31E-05	1.44E-05	3.36E-05
2973	625911.92	4265584.02	2.16E-04	7.43E-05	1.81E-04	5.56E-05	4.28E-05	1.42E-05	3.33E-05
2974	625915.53	4265593.13	2.14E-04	7.36E-05	1.79E-04	5.51E-05	4.24E-05	1.41E-05	3.30E-05
2975	625919.14	4265602.25	2.12E-04	7.29E-05	1.77E-04	5.46E-05	4.20E-05	1.40E-05	3.27E-05
2976	625922.74	4265611.37	2.10E-04	7.22E-05	1.76E-04	5.41E-05	4.16E-05	1.38E-05	3.24E-05
2977	625926.35	4265620.48	2.08E-04	7.15E-05	1.74E-04	5.35E-05	4.12E-05	1.37E-05	3.21E-05
2978	625929.96	4265629.6	2.06E-04	7.08E-05	1.72E-04	5.30E-05	4.07E-05	1.36E-05	3.18E-05
2979	625933.57	4265638.72	2.04E-04	7.01E-05	1.70E-04	5.24E-05	4.03E-05	1.34E-05	3.14E-05
2980	625937.18	4265647.83	2.02E-04	6.93E-05	1.68E-04	5.19E-05	3.99E-05	1.33E-05	3.11E-05
2981	625940.79	4265656.95	1.99E-04	6.86E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05
2982	625944.4	4265666.07	1.97E-04	6.78E-05	1.65E-04	5.08E-05	3.90E-05	1.30E-05	3.04E-05
2983	625948	4265675.18	1.95E-04	6.71E-05	1.63E-04	5.02E-05	3.86E-05	1.28E-05	3.01E-05
2984	625951.61	4265684.3	1.93E-04	6.63E-05	1.61E-04	4.96E-05	3.82E-05	1.27E-05	2.98E-05
2985	624870.62	4264575.42	3.17E-04	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05
2986	624860.71	4264575.28	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.89E-05
2987	624850.8	4264575.14	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05
2988	624840.9	4264575	3.15E-04	1.08E-04	2.63E-04	8.11E-05	6.24E-05	2.08E-05	4.86E-05
2989	624830.99	4264574.87	3.14E-04	1.08E-04	2.63E-04	8.09E-05	6.22E-05	2.07E-05	4.85E-05
2990	624821.08	4264574.73	3.13E-04	1.08E-04	2.62E-04	8.07E-05	6.20E-05	2.07E-05	4.84E-05
2991	624811.17	4264574.59	3.13E-04	1.08E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.82E-05
2992	624801.26	4264574.45	3.12E-04	1.07E-04	2.61E-04	8.03E-05	6.18E-05	2.06E-05	4.81E-05
2993	624791.35	4264574.32	3.11E-04	1.07E-04	2.60E-04	8.02E-05	6.17E-05	2.05E-05	4.81E-05
2994	624781.44	4264574.18	3.11E-04	1.07E-04	2.60E-04	8.01E-05	6.15E-05	2.05E-05	4.80E-05
2995	624771.53	4264574.04	3.10E-04	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.05E-05	4.79E-05
2996	624761.62	4264573.9	3.10E-04	1.07E-04	2.59E-04	7.98E-05	6.13E-05	2.04E-05	4.78E-05
2997	624751.72	4264573.77	3.09E-04	1.06E-04	2.59E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05
2998	624741.81	4264573.63	3.09E-04	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.03E-05	4.76E-05
2999	624731.9	4264573.49	3.08E-04	1.06E-04	2.58E-04	7.94E-05	6.10E-05	2.03E-05	4.76E-05
3000	624721.99	4264573.35	3.08E-04	1.06E-04	2.57E-04	7.93E-05	6.09E-05	2.03E-05	4.75E-05
3001	624712.08	4264573.22	3.07E-04	1.06E-04	2.57E-04	7.91E-05	6.08E-05	2.03E-05	4.74E-05
3002	624702.17	4264573.08	3.07E-04	1.06E-04	2.57E-04	7.90E-05	6.07E-05	2.02E-05	4.74E-05
3003	624692.26	4264572.94	3.06E-04	1.05E-04	2.56E-04	7.89E-05	6.06E-05	2.02E-05	4.73E-05
3004	624682.35	4264572.81	3.06E-04	1.05E-04	2.56E-04	7.87E-05	6.05E-05	2.01E-05	4.72E-05
3005	624672.45	4264572.67	3.05E-04	1.05E-04	2.55E-04	7.85E-05	6.04E-05	2.01E-05	4.71E-05
3006	624662.54	4264572.53	3.04E-04	1.05E-04	2.54E-04	7.83E-05	6.02E-05	2.00E-05	4.69E-05
3007	624652.63	4264572.39	3.03E-04	1.04E-04	2.53E-04	7.81E-05	6.00E-05	2.00E-05	4.68E-05
3008	624642.72	4264572.26	3.02E-04	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05
3009	624632.81	4264572.12	3.01E-04	1.04E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.64E-05
3010	624622.9	4264571.98	3.00E-04	1.03E-04	2.51E-04	7.72E-05	5.93E-05	1.97E-05	4.62E-05
3011	624612.99	4264571.84	2.98E-04	1.03E-04	2.49E-04	7.68E-05	5.90E-05	1.97E-05	4.60E-05
3012	624603.08	4264571.71	2.97E-04	1.02E-04	2.48E-04	7.64E-05	5.87E-05	1.95E-05	4.58E-05

3013	624593.18	4264571.57	2.95E-04	1.01E-04	2.47E-04	7.59E-05	5.84E-05	1.94E-05	4.55E-05
3014	624583.27	4264571.43	2.93E-04	1.01E-04	2.45E-04	7.54E-05	5.80E-05	1.93E-05	4.52E-05
3015	624573.36	4264571.29	2.91E-04	1.00E-04	2.43E-04	7.49E-05	5.76E-05	1.92E-05	4.49E-05
3016	624563.45	4264571.16	2.89E-04	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05
3017	624553.54	4264571.02	2.86E-04	9.84E-05	2.39E-04	7.37E-05	5.67E-05	1.89E-05	4.42E-05
3018	624543.63	4264570.88	2.84E-04	9.76E-05	2.37E-04	7.31E-05	5.62E-05	1.87E-05	4.38E-05
3019	624533.72	4264570.74	2.81E-04	9.67E-05	2.35E-04	7.24E-05	5.57E-05	1.85E-05	4.34E-05
3020	624523.81	4264570.61	2.79E-04	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.30E-05
3021	624513.9	4264570.47	2.76E-04	9.50E-05	2.31E-04	7.11E-05	5.47E-05	1.82E-05	4.26E-05
3022	624504	4264570.33	2.73E-04	9.40E-05	2.29E-04	7.04E-05	5.41E-05	1.80E-05	4.22E-05
3023	624494.09	4264570.19	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05
3024	624484.18	4264570.06	2.68E-04	9.21E-05	2.24E-04	6.90E-05	5.30E-05	1.77E-05	4.13E-05
3025	624474.27	4264569.92	2.65E-04	9.12E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.09E-05
3026	624464.36	4264569.78	2.62E-04	9.02E-05	2.19E-04	6.75E-05	5.19E-05	1.73E-05	4.05E-05
3027	624454.45	4264569.64	2.59E-04	8.92E-05	2.17E-04	6.68E-05	5.14E-05	1.71E-05	4.00E-05
3028	624444.54	4264569.51	2.57E-04	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05
3029	624434.63	4264569.37	2.54E-04	8.73E-05	2.12E-04	6.54E-05	5.03E-05	1.67E-05	3.92E-05
3030	624424.73	4264569.23	2.51E-04	8.64E-05	2.10E-04	6.47E-05	4.97E-05	1.66E-05	3.88E-05
3031	624414.82	4264569.1	2.49E-04	8.55E-05	2.08E-04	6.40E-05	4.92E-05	1.64E-05	3.84E-05
3032	624404.91	4264568.96	2.46E-04	8.47E-05	2.06E-04	6.34E-05	4.87E-05	1.62E-05	3.80E-05
3033	624395	4264568.82	2.44E-04	8.38E-05	2.04E-04	6.28E-05	4.82E-05	1.61E-05	3.76E-05
3034	624385.09	4264568.68	2.41E-04	8.30E-05	2.02E-04	6.21E-05	4.78E-05	1.59E-05	3.72E-05
3035	624375.18	4264568.55	2.39E-04	8.22E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05
3036	624349.93	4265668.3	2.64E-03	9.07E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04
3037	624349.79	4265678.19	2.81E-03	9.65E-04	2.35E-03	7.23E-04	5.56E-04	1.85E-04	4.33E-04
3038	624349.64	4265688.08	2.99E-03	1.03E-03	2.50E-03	7.71E-04	5.92E-04	1.97E-04	4.62E-04
3039	624349.5	4265697.97	3.19E-03	1.10E-03	2.67E-03	8.22E-04	6.32E-04	2.10E-04	4.93E-04
3040	624349.36	4265707.87	3.40E-03	1.17E-03	2.84E-03	8.75E-04	6.73E-04	2.24E-04	5.25E-04
3041	624349.22	4265717.76	3.61E-03	1.24E-03	3.02E-03	9.30E-04	7.15E-04	2.38E-04	5.57E-04
3042	624349.07	4265727.65	3.83E-03	1.32E-03	3.20E-03	9.85E-04	7.57E-04	2.52E-04	5.90E-04
3043	624348.93	4265737.54	4.04E-03	1.39E-03	3.37E-03	1.04E-03	7.99E-04	2.66E-04	6.23E-04
3044	624348.79	4265747.44	4.24E-03	1.46E-03	3.54E-03	1.09E-03	8.39E-04	2.79E-04	6.54E-04
3045	624348.64	4265757.33	4.43E-03	1.52E-03	3.70E-03	1.14E-03	8.77E-04	2.92E-04	6.84E-04
3046	624348.5	4265767.22	4.61E-03	1.59E-03	3.86E-03	1.19E-03	9.13E-04	3.04E-04	7.12E-04
3047	624348.36	4265777.11	4.78E-03	1.64E-03	4.00E-03	1.23E-03	9.46E-04	3.15E-04	7.38E-04
3048	624348.21	4265787.01	4.94E-03	1.70E-03	4.13E-03	1.27E-03	9.77E-04	3.25E-04	7.62E-04
3049	624348.07	4265796.9	5.08E-03	1.75E-03	4.24E-03	1.31E-03	1.01E-03	3.35E-04	7.84E-04
3050	624347.93	4265806.79	5.21E-03	1.79E-03	4.35E-03	1.34E-03	1.03E-03	3.43E-04	8.04E-04
3051	624347.78	4265816.68	5.33E-03	1.83E-03	4.45E-03	1.37E-03	1.05E-03	3.51E-04	8.22E-04
3052	624347.64	4265826.58	5.44E-03	1.87E-03	4.54E-03	1.40E-03	1.08E-03	3.58E-04	8.39E-04
3053	624342.96	4265661.12	2.38E-03	8.20E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04
3054	624339.79	4265678.04	2.56E-03	8.79E-04	2.14E-03	6.58E-04	5.06E-04	1.68E-04	3.94E-04
3055	624339.65	4265687.94	2.70E-03	9.29E-04	2.26E-03	6.96E-04	5.35E-04	1.78E-04	4.17E-04
3056	624339.5	4265697.83	2.86E-03	9.83E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04
3057	624339.36	4265707.72	3.02E-03	1.04E-03	2.52E-03	7.78E-04	5.98E-04	1.99E-04	4.66E-04
3058	624339.22	4265717.61	3.19E-03	1.10E-03	2.66E-03	8.20E-04	6.31E-04	2.10E-04	4.92E-04
3059	624339.07	4265727.51	3.35E-03	1.15E-03	2.80E-03	8.63E-04	6.64E-04	2.21E-04	5.17E-04
3060	624338.93	4265737.4	3.52E-03	1.21E-03	2.94E-03	9.07E-04	6.97E-04	2.32E-04	5.43E-04
3061	624338.79	4265747.29	3.69E-03	1.27E-03	3.08E-03	9.49E-04	7.30E-04	2.43E-04	5.69E-04
3062	624338.64	4265757.18	3.85E-03	1.32E-03	3.21E-03	9.90E-04	7.61E-04	2.53E-04	5.93E-04
3063	624338.5	4265767.08	4.00E-03	1.37E-03	3.34E-03	1.03E-03	7.91E-04	2.63E-04	6.17E-04
3064	624338.36	4265776.97	4.14E-03	1.42E-03	3.46E-03	1.07E-03	8.20E-04	2.73E-04	6.39E-04

3065	624338.21	4265786.86	4.28E-03	1.47E-03	3.58E-03	1.10E-03	8.47E-04	2.82E-04	6.60E-04
3066	624338.07	4265796.75	4.41E-03	1.51E-03	3.68E-03	1.13E-03	8.72E-04	2.90E-04	6.80E-04
3067	624337.93	4265806.65	4.52E-03	1.56E-03	3.78E-03	1.16E-03	8.95E-04	2.98E-04	6.98E-04
3068	624337.79	4265816.54	4.63E-03	1.59E-03	3.87E-03	1.19E-03	9.17E-04	3.05E-04	7.15E-04
3069	624337.64	4265826.43	4.73E-03	1.63E-03	3.95E-03	1.22E-03	9.37E-04	3.12E-04	7.30E-04
3070	624332.96	4265660.98	2.21E-03	7.61E-04	1.85E-03	5.70E-04	4.38E-04	1.46E-04	3.41E-04
3071	624346.13	4265644.1	2.22E-03	7.64E-04	1.86E-03	5.72E-04	4.40E-04	1.46E-04	3.43E-04
3072	624329.79	4265677.9	2.35E-03	8.08E-04	1.97E-03	6.05E-04	4.65E-04	1.55E-04	3.63E-04
3073	624329.65	4265687.79	2.47E-03	8.49E-04	2.06E-03	6.36E-04	4.89E-04	1.63E-04	3.81E-04
3074	624329.5	4265697.68	2.59E-03	8.92E-04	2.17E-03	6.68E-04	5.13E-04	1.71E-04	4.00E-04
3075	624329.36	4265707.58	2.72E-03	9.37E-04	2.28E-03	7.02E-04	5.39E-04	1.80E-04	4.20E-04
3076	624329.22	4265717.47	2.86E-03	9.83E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04
3077	624329.07	4265727.36	2.99E-03	1.03E-03	2.50E-03	7.71E-04	5.93E-04	1.97E-04	4.62E-04
3078	624328.93	4265737.25	3.13E-03	1.08E-03	2.62E-03	8.06E-04	6.19E-04	2.06E-04	4.83E-04
3079	624328.79	4265747.15	3.26E-03	1.12E-03	2.73E-03	8.41E-04	6.46E-04	2.15E-04	5.04E-04
3080	624328.65	4265757.04	3.40E-03	1.17E-03	2.84E-03	8.75E-04	6.73E-04	2.24E-04	5.24E-04
3081	624328.5	4265766.93	3.53E-03	1.21E-03	2.95E-03	9.08E-04	6.98E-04	2.32E-04	5.44E-04
3082	624328.36	4265776.82	3.65E-03	1.26E-03	3.05E-03	9.40E-04	7.22E-04	2.40E-04	5.63E-04
3083	624328.22	4265786.72	3.77E-03	1.30E-03	3.15E-03	9.70E-04	7.46E-04	2.48E-04	5.81E-04
3084	624328.07	4265796.61	3.88E-03	1.33E-03	3.24E-03	9.99E-04	7.68E-04	2.56E-04	5.99E-04
3085	624327.93	4265806.5	3.99E-03	1.37E-03	3.33E-03	1.03E-03	7.89E-04	2.63E-04	6.15E-04
3086	624327.79	4265816.39	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.08E-04	2.69E-04	6.30E-04
3087	624327.64	4265826.29	4.17E-03	1.44E-03	3.49E-03	1.07E-03	8.26E-04	2.75E-04	6.44E-04
3088	624322.96	4265660.84	2.07E-03	7.10E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04
3089	624329.02	4265646.78	2.02E-03	6.93E-04	1.69E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04
3090	624309.79	4265677.61	2.03E-03	6.99E-04	1.70E-03	5.24E-04	4.03E-04	1.34E-04	3.14E-04
3091	624309.65	4265687.5	2.12E-03	7.28E-04	1.77E-03	5.45E-04	4.19E-04	1.39E-04	3.26E-04
3092	624309.51	4265697.39	2.20E-03	7.57E-04	1.84E-03	5.67E-04	4.36E-04	1.45E-04	3.40E-04
3093	624309.36	4265707.29	2.29E-03	7.88E-04	1.92E-03	5.90E-04	4.54E-04	1.51E-04	3.54E-04
3094	624309.22	4265717.18	2.38E-03	8.20E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04
3095	624309.08	4265727.07	2.48E-03	8.52E-04	2.07E-03	6.38E-04	4.91E-04	1.63E-04	3.83E-04
3096	624308.93	4265736.96	2.57E-03	8.85E-04	2.15E-03	6.63E-04	5.09E-04	1.70E-04	3.97E-04
3097	624308.79	4265746.86	2.67E-03	9.18E-04	2.23E-03	6.87E-04	5.28E-04	1.76E-04	4.12E-04
3098	624308.65	4265756.75	2.76E-03	9.50E-04	2.31E-03	7.12E-04	5.47E-04	1.82E-04	4.26E-04
3099	624308.5	4265766.64	2.86E-03	9.82E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04
3100	624308.36	4265776.53	2.95E-03	1.01E-03	2.46E-03	7.59E-04	5.84E-04	1.94E-04	4.55E-04
3101	624308.07	4265796.32	3.12E-03	1.07E-03	2.61E-03	8.04E-04	6.18E-04	2.06E-04	4.82E-04
3102	624307.93	4265806.21	3.21E-03	1.10E-03	2.68E-03	8.25E-04	6.34E-04	2.11E-04	4.95E-04
3103	624307.79	4265816.1	3.28E-03	1.13E-03	2.75E-03	8.46E-04	6.50E-04	2.16E-04	5.07E-04
3104	624307.65	4265826	3.36E-03	1.15E-03	2.81E-03	8.65E-04	6.65E-04	2.21E-04	5.18E-04
3105	624303.57	4265659.14	1.82E-03	6.26E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04
3106	624299.94	4265667.57	1.84E-03	6.33E-04	1.54E-03	4.74E-04	3.64E-04	1.21E-04	2.84E-04
3107	624299.79	4265677.46	1.91E-03	6.56E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04
3108	624299.65	4265687.36	1.98E-03	6.80E-04	1.65E-03	5.09E-04	3.91E-04	1.30E-04	3.05E-04
3109	624299.51	4265697.25	2.05E-03	7.05E-04	1.71E-03	5.28E-04	4.06E-04	1.35E-04	3.16E-04
3110	624299.36	4265707.14	2.13E-03	7.31E-04	1.78E-03	5.48E-04	4.21E-04	1.40E-04	3.28E-04
3111	624299.22	4265717.03	2.21E-03	7.59E-04	1.84E-03	5.68E-04	4.37E-04	1.45E-04	3.40E-04
3112	624299.08	4265726.93	2.29E-03	7.86E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04
3113	624298.93	4265736.82	2.37E-03	8.14E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.65E-04
3114	624298.79	4265746.71	2.45E-03	8.42E-04	2.05E-03	6.31E-04	4.85E-04	1.61E-04	3.78E-04
3115	624298.65	4265756.6	2.53E-03	8.70E-04	2.12E-03	6.52E-04	5.01E-04	1.67E-04	3.91E-04
3116	624298.51	4265766.5	2.61E-03	8.98E-04	2.18E-03	6.72E-04	5.17E-04	1.72E-04	4.03E-04

3117	624298.36	4265776.39	2.69E-03	9.25E-04	2.25E-03	6.93E-04	5.33E-04	1.77E-04	4.15E-04
3118	624298.08	4265796.17	2.84E-03	9.78E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04
3119	624297.93	4265806.07	2.92E-03	1.00E-03	2.44E-03	7.51E-04	5.77E-04	1.92E-04	4.50E-04
3120	624297.79	4265815.96	2.99E-03	1.03E-03	2.50E-03	7.69E-04	5.91E-04	1.97E-04	4.61E-04
3121	624297.65	4265825.85	3.05E-03	1.05E-03	2.55E-03	7.86E-04	6.04E-04	2.01E-04	4.71E-04
3122	624293.47	4265659.23	1.72E-03	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04
3123	624289.94	4265667.43	1.74E-03	5.97E-04	1.45E-03	4.47E-04	3.44E-04	1.14E-04	2.68E-04
3124	624289.79	4265677.32	1.80E-03	6.17E-04	1.50E-03	4.62E-04	3.55E-04	1.18E-04	2.77E-04
3125	624289.65	4265687.21	1.86E-03	6.38E-04	1.55E-03	4.78E-04	3.67E-04	1.22E-04	2.86E-04
3126	624289.51	4265697.1	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04
3127	624289.36	4265707	1.99E-03	6.83E-04	1.66E-03	5.11E-04	3.93E-04	1.31E-04	3.06E-04
3128	624289.22	4265716.89	2.05E-03	7.06E-04	1.72E-03	5.29E-04	4.06E-04	1.35E-04	3.17E-04
3129	624289.08	4265726.78	2.12E-03	7.30E-04	1.77E-03	5.47E-04	4.20E-04	1.40E-04	3.28E-04
3130	624288.94	4265736.67	2.19E-03	7.54E-04	1.83E-03	5.65E-04	4.34E-04	1.45E-04	3.39E-04
3131	624288.79	4265746.57	2.26E-03	7.79E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04
3132	624288.65	4265756.46	2.34E-03	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04
3133	624288.51	4265766.35	2.41E-03	8.27E-04	2.01E-03	6.19E-04	4.76E-04	1.58E-04	3.71E-04
3134	624288.36	4265776.24	2.47E-03	8.51E-04	2.07E-03	6.37E-04	4.90E-04	1.63E-04	3.82E-04
3135	624288.08	4265796.03	2.61E-03	8.97E-04	2.18E-03	6.72E-04	5.16E-04	1.72E-04	4.03E-04
3136	624287.93	4265805.92	2.67E-03	9.19E-04	2.23E-03	6.88E-04	5.29E-04	1.76E-04	4.12E-04
3137	624287.79	4265815.81	2.73E-03	9.40E-04	2.29E-03	7.04E-04	5.41E-04	1.80E-04	4.22E-04
3138	624287.65	4265825.71	2.79E-03	9.61E-04	2.34E-03	7.19E-04	5.53E-04	1.84E-04	4.31E-04
3139	624283.4	4265659.25	1.63E-03	5.62E-04	1.37E-03	4.20E-04	3.23E-04	1.08E-04	2.52E-04
3140	624279.8	4265677.18	1.70E-03	5.83E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04
3141	624279.65	4265687.07	1.75E-03	6.02E-04	1.46E-03	4.51E-04	3.46E-04	1.15E-04	2.70E-04
3142	624279.51	4265696.96	1.80E-03	6.21E-04	1.51E-03	4.65E-04	3.57E-04	1.19E-04	2.79E-04
3143	624279.37	4265706.85	1.86E-03	6.40E-04	1.56E-03	4.79E-04	3.69E-04	1.23E-04	2.87E-04
3144	624279.22	4265716.75	1.92E-03	6.61E-04	1.61E-03	4.95E-04	3.80E-04	1.27E-04	2.96E-04
3145	624279.08	4265726.64	1.98E-03	6.82E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04
3146	624278.94	4265736.53	2.04E-03	7.03E-04	1.71E-03	5.26E-04	4.05E-04	1.35E-04	3.15E-04
3147	624278.79	4265746.42	2.11E-03	7.24E-04	1.76E-03	5.42E-04	4.17E-04	1.39E-04	3.25E-04
3148	624278.65	4265756.32	2.17E-03	7.45E-04	1.81E-03	5.58E-04	4.29E-04	1.43E-04	3.34E-04
3149	624278.51	4265766.21	2.23E-03	7.67E-04	1.86E-03	5.74E-04	4.41E-04	1.47E-04	3.44E-04
3150	624278.36	4265776.1	2.29E-03	7.87E-04	1.91E-03	5.90E-04	4.53E-04	1.51E-04	3.53E-04
3151	624278.08	4265795.89	2.41E-03	8.28E-04	2.01E-03	6.20E-04	4.77E-04	1.59E-04	3.72E-04
3152	624277.93	4265805.78	2.47E-03	8.48E-04	2.06E-03	6.35E-04	4.88E-04	1.62E-04	3.80E-04
3153	624277.79	4265815.67	2.52E-03	8.67E-04	2.11E-03	6.49E-04	4.99E-04	1.66E-04	3.89E-04
3154	624277.65	4265825.56	2.57E-03	8.85E-04	2.15E-03	6.63E-04	5.09E-04	1.70E-04	3.97E-04
3155	624342.9	4265585.72	1.66E-03	5.72E-04	1.39E-03	4.28E-04	3.29E-04	1.10E-04	2.57E-04
3156	624352.04	4265582.09	1.70E-03	5.86E-04	1.42E-03	4.39E-04	3.37E-04	1.12E-04	2.63E-04
3157	624269.94	4265667.14	1.56E-03	5.37E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04
3158	624269.8	4265677.03	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04
3159	624269.65	4265686.92	1.65E-03	5.69E-04	1.38E-03	4.26E-04	3.28E-04	1.09E-04	2.55E-04
3160	624269.51	4265696.82	1.70E-03	5.86E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04
3161	624269.37	4265706.71	1.75E-03	6.03E-04	1.47E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04
3162	624269.22	4265716.6	1.80E-03	6.21E-04	1.51E-03	4.65E-04	3.57E-04	1.19E-04	2.78E-04
3163	624269.08	4265726.49	1.86E-03	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04
3164	624268.94	4265736.39	1.91E-03	6.58E-04	1.60E-03	4.92E-04	3.79E-04	1.26E-04	2.95E-04
3165	624268.79	4265746.28	1.97E-03	6.77E-04	1.64E-03	5.07E-04	3.89E-04	1.30E-04	3.04E-04
3166	624268.65	4265756.17	2.02E-03	6.95E-04	1.69E-03	5.21E-04	4.00E-04	1.33E-04	3.12E-04
3167	624268.51	4265766.06	2.08E-03	7.14E-04	1.74E-03	5.35E-04	4.11E-04	1.37E-04	3.20E-04
3168	624268.37	4265775.96	2.13E-03	7.33E-04	1.78E-03	5.49E-04	4.22E-04	1.40E-04	3.29E-04

3169	624268.08	4265795.74	2.24E-03	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04
3170	624267.94	4265805.63	2.29E-03	7.86E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04
3171	624267.79	4265815.53	2.34E-03	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04
3172	624267.65	4265825.42	2.38E-03	8.20E-04	1.99E-03	6.14E-04	4.72E-04	1.57E-04	3.68E-04
3173	624316.89	4265586.13	1.50E-03	5.15E-04	1.25E-03	3.86E-04	2.97E-04	9.87E-05	2.31E-04
3174	624325.77	4265582.59	1.53E-03	5.27E-04	1.28E-03	3.95E-04	3.03E-04	1.01E-04	2.37E-04
3175	624334.66	4265579.06	1.57E-03	5.39E-04	1.31E-03	4.04E-04	3.10E-04	1.03E-04	2.42E-04
3176	624343.54	4265575.52	1.60E-03	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.06E-04	2.47E-04
3177	624352.43	4265571.99	1.64E-03	5.62E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.52E-04
3178	624259.94	4265666.99	1.49E-03	5.11E-04	1.24E-03	3.83E-04	2.94E-04	9.79E-05	2.29E-04
3179	624259.8	4265676.89	1.53E-03	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04
3180	624259.65	4265686.78	1.57E-03	5.39E-04	1.31E-03	4.04E-04	3.11E-04	1.03E-04	2.42E-04
3181	624259.51	4265696.67	1.61E-03	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04
3182	624259.37	4265706.56	1.66E-03	5.69E-04	1.38E-03	4.26E-04	3.28E-04	1.09E-04	2.55E-04
3183	624259.22	4265716.46	1.70E-03	5.85E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04
3184	624259.08	4265726.35	1.75E-03	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04
3185	624258.94	4265736.24	1.80E-03	6.18E-04	1.50E-03	4.63E-04	3.56E-04	1.18E-04	2.77E-04
3186	624258.8	4265746.13	1.85E-03	6.35E-04	1.54E-03	4.75E-04	3.65E-04	1.22E-04	2.85E-04
3187	624258.65	4265756.03	1.89E-03	6.51E-04	1.58E-03	4.88E-04	3.75E-04	1.25E-04	2.92E-04
3188	624258.51	4265765.92	1.94E-03	6.68E-04	1.62E-03	5.00E-04	3.85E-04	1.28E-04	3.00E-04
3189	624258.37	4265775.81	1.99E-03	6.85E-04	1.66E-03	5.13E-04	3.94E-04	1.31E-04	3.07E-04
3190	624258.08	4265795.6	2.08E-03	7.17E-04	1.74E-03	5.37E-04	4.13E-04	1.37E-04	3.22E-04
3191	624257.94	4265805.49	2.13E-03	7.33E-04	1.78E-03	5.48E-04	4.22E-04	1.40E-04	3.29E-04
3192	624257.79	4265815.38	2.17E-03	7.48E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.36E-04
3193	624257.65	4265825.27	2.22E-03	7.62E-04	1.85E-03	5.71E-04	4.39E-04	1.46E-04	3.42E-04
3194	624238.73	4265657.85	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04
3195	624242.51	4265649.07	1.31E-03	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.63E-05	2.02E-04
3196	624246.3	4265640.28	1.30E-03	4.48E-04	1.09E-03	3.36E-04	2.58E-04	8.59E-05	2.01E-04
3197	624269.02	4265587.59	1.25E-03	4.30E-04	1.05E-03	3.22E-04	2.48E-04	8.25E-05	1.93E-04
3198	624281.69	4265575.27	1.27E-03	4.36E-04	1.06E-03	3.27E-04	2.51E-04	8.36E-05	1.96E-04
3199	624290.57	4265571.74	1.30E-03	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.55E-05	2.00E-04
3200	624299.46	4265568.2	1.33E-03	4.56E-04	1.11E-03	3.41E-04	2.62E-04	8.73E-05	2.04E-04
3201	624308.35	4265564.67	1.35E-03	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.91E-05	2.09E-04
3202	624317.23	4265561.13	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04
3203	624326.12	4265557.59	1.41E-03	4.84E-04	1.18E-03	3.62E-04	2.78E-04	9.26E-05	2.17E-04
3204	624335	4265554.06	1.43E-03	4.92E-04	1.20E-03	3.69E-04	2.83E-04	9.44E-05	2.21E-04
3205	624343.89	4265550.52	1.46E-03	5.01E-04	1.22E-03	3.75E-04	2.89E-04	9.61E-05	2.25E-04
3206	624352.78	4265546.99	1.49E-03	5.11E-04	1.24E-03	3.82E-04	2.94E-04	9.78E-05	2.29E-04
3207	624234.66	4265686.42	1.39E-03	4.77E-04	1.16E-03	3.57E-04	2.74E-04	9.13E-05	2.14E-04
3208	624234.51	4265696.31	1.42E-03	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.34E-05	2.19E-04
3209	624234.37	4265706.2	1.45E-03	4.99E-04	1.21E-03	3.74E-04	2.87E-04	9.56E-05	2.24E-04
3210	624234.23	4265716.09	1.49E-03	5.11E-04	1.24E-03	3.82E-04	2.94E-04	9.78E-05	2.29E-04
3211	624234.08	4265725.99	1.52E-03	5.23E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.35E-04
3212	624233.94	4265735.88	1.56E-03	5.35E-04	1.30E-03	4.01E-04	3.08E-04	1.03E-04	2.40E-04
3213	624233.8	4265745.77	1.59E-03	5.48E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04
3214	624233.65	4265755.66	1.63E-03	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.52E-04
3215	624233.51	4265765.56	1.67E-03	5.74E-04	1.40E-03	4.30E-04	3.30E-04	1.10E-04	2.58E-04
3216	624233.37	4265775.45	1.71E-03	5.87E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04
3217	624233.23	4265785.34	1.74E-03	5.99E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04
3218	624233.08	4265795.23	1.78E-03	6.12E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.75E-04
3219	624232.94	4265805.13	1.81E-03	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.20E-04	2.80E-04
3220	624232.8	4265815.02	1.85E-03	6.36E-04	1.55E-03	4.76E-04	3.66E-04	1.22E-04	2.85E-04

3221	624232.65	4265824.91	1.88E-03	6.48E-04	1.57E-03	4.85E-04	3.73E-04	1.24E-04	2.91E-04
3222	624213.73	4265657.49	1.18E-03	4.07E-04	9.90E-04	3.05E-04	2.34E-04	7.80E-05	1.83E-04
3223	624217.52	4265648.71	1.18E-03	4.06E-04	9.86E-04	3.04E-04	2.34E-04	7.77E-05	1.82E-04
3224	624221.3	4265639.92	1.18E-03	4.04E-04	9.82E-04	3.03E-04	2.33E-04	7.74E-05	1.81E-04
3225	624225.09	4265631.14	1.17E-03	4.02E-04	9.78E-04	3.01E-04	2.32E-04	7.71E-05	1.81E-04
3226	624244.02	4265587.23	1.14E-03	3.93E-04	9.55E-04	2.94E-04	2.26E-04	7.53E-05	1.76E-04
3227	624247.81	4265578.45	1.14E-03	3.90E-04	9.49E-04	2.92E-04	2.25E-04	7.48E-05	1.75E-04
3228	624251.59	4265569.66	1.13E-03	3.88E-04	9.42E-04	2.90E-04	2.23E-04	7.43E-05	1.74E-04
3229	624264.26	4265557.35	1.14E-03	3.93E-04	9.54E-04	2.94E-04	2.26E-04	7.52E-05	1.76E-04
3230	624273.15	4265553.81	1.17E-03	4.01E-04	9.74E-04	3.00E-04	2.31E-04	7.68E-05	1.80E-04
3231	624282.04	4265550.28	1.19E-03	4.09E-04	9.93E-04	3.06E-04	2.35E-04	7.83E-05	1.83E-04
3232	624290.92	4265546.74	1.21E-03	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04
3233	624299.81	4265543.2	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04
3234	624308.69	4265539.67	1.25E-03	4.31E-04	1.05E-03	3.23E-04	2.48E-04	8.26E-05	1.94E-04
3235	624317.58	4265536.13	1.28E-03	4.39E-04	1.07E-03	3.28E-04	2.52E-04	8.40E-05	1.97E-04
3236	624326.47	4265532.6	1.30E-03	4.46E-04	1.08E-03	3.34E-04	2.56E-04	8.54E-05	2.00E-04
3237	624335.35	4265529.06	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.60E-04	8.67E-05	2.03E-04
3238	624344.24	4265525.53	1.34E-03	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04
3239	624353.12	4265521.99	1.36E-03	4.67E-04	1.14E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04
3240	624209.95	4265666.27	1.19E-03	4.09E-04	9.93E-04	3.06E-04	2.35E-04	7.83E-05	1.83E-04
3241	624209.8	4265676.16	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04
3242	624209.66	4265686.06	1.24E-03	4.26E-04	1.03E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04
3243	624209.09	4265725.63	1.34E-03	4.62E-04	1.12E-03	3.46E-04	2.66E-04	8.84E-05	2.07E-04
3244	624208.94	4265735.52	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.11E-04
3245	624208.8	4265745.41	1.40E-03	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.22E-05	2.16E-04
3246	624208.66	4265755.3	1.43E-03	4.91E-04	1.19E-03	3.68E-04	2.83E-04	9.42E-05	2.21E-04
3247	624208.51	4265765.2	1.46E-03	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.61E-05	2.25E-04
3248	624208.37	4265775.09	1.49E-03	5.12E-04	1.24E-03	3.83E-04	2.95E-04	9.81E-05	2.30E-04
3249	624208.23	4265784.98	1.52E-03	5.22E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.34E-04
3250	624208.09	4265794.87	1.55E-03	5.32E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.39E-04
3251	624207.94	4265804.77	1.58E-03	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04
3252	624207.8	4265814.66	1.60E-03	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04
3253	624207.66	4265824.55	1.63E-03	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.52E-04
3254	624219.02	4265586.87	1.05E-03	3.60E-04	8.75E-04	2.70E-04	2.07E-04	6.90E-05	1.62E-04
3255	624222.81	4265578.09	1.04E-03	3.58E-04	8.71E-04	2.68E-04	2.06E-04	6.87E-05	1.61E-04
3256	624226.59	4265569.3	1.04E-03	3.56E-04	8.66E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04
3257	624230.38	4265560.52	1.03E-03	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04
3258	624234.17	4265551.74	1.02E-03	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04
3259	624246.84	4265539.42	1.04E-03	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04
3260	624255.72	4265535.88	1.06E-03	3.64E-04	8.84E-04	2.72E-04	2.09E-04	6.96E-05	1.63E-04
3261	624264.61	4265532.35	1.08E-03	3.70E-04	9.00E-04	2.77E-04	2.13E-04	7.09E-05	1.66E-04
3262	624273.5	4265528.81	1.10E-03	3.77E-04	9.16E-04	2.82E-04	2.17E-04	7.22E-05	1.69E-04
3263	624282.38	4265525.28	1.11E-03	3.83E-04	9.31E-04	2.87E-04	2.21E-04	7.34E-05	1.72E-04
3264	624291.27	4265521.74	1.13E-03	3.89E-04	9.46E-04	2.91E-04	2.24E-04	7.46E-05	1.75E-04
3265	624300.15	4265518.21	1.15E-03	3.95E-04	9.61E-04	2.96E-04	2.28E-04	7.57E-05	1.77E-04
3266	624309.04	4265514.67	1.17E-03	4.01E-04	9.75E-04	3.00E-04	2.31E-04	7.68E-05	1.80E-04
3267	624317.93	4265511.14	1.18E-03	4.07E-04	9.88E-04	3.04E-04	2.34E-04	7.79E-05	1.82E-04
3268	624326.81	4265507.6	1.20E-03	4.12E-04	1.00E-03	3.09E-04	2.37E-04	7.90E-05	1.85E-04
3269	624335.7	4265504.06	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.40E-04	8.00E-05	1.87E-04
3270	624344.58	4265500.53	1.23E-03	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04
3271	624353.47	4265496.99	1.25E-03	4.30E-04	1.05E-03	3.22E-04	2.48E-04	8.24E-05	1.93E-04
3272	624184.95	4265665.91	1.08E-03	3.70E-04	8.99E-04	2.77E-04	2.13E-04	7.09E-05	1.66E-04

3273	624184.81	4265675.8	1.10E-03	3.77E-04	9.16E-04	2.82E-04	2.17E-04	7.22E-05	1.69E-04
3274	624184.66	4265685.69	1.12E-03	3.84E-04	9.33E-04	2.87E-04	2.21E-04	7.36E-05	1.72E-04
3275	624184.52	4265695.59	1.14E-03	3.91E-04	9.50E-04	2.93E-04	2.25E-04	7.49E-05	1.75E-04
3276	624184.38	4265705.48	1.16E-03	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.79E-04
3277	624184.23	4265715.37	1.18E-03	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04
3278	624184.09	4265725.26	1.20E-03	4.12E-04	1.00E-03	3.09E-04	2.37E-04	7.90E-05	1.85E-04
3279	624183.95	4265735.16	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04
3280	624183.8	4265745.05	1.24E-03	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.20E-05	1.92E-04
3281	624183.66	4265754.94	1.27E-03	4.36E-04	1.06E-03	3.26E-04	2.51E-04	8.35E-05	1.96E-04
3282	624183.52	4265764.83	1.29E-03	4.44E-04	1.08E-03	3.33E-04	2.56E-04	8.51E-05	1.99E-04
3283	624183.37	4265774.73	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.67E-05	2.03E-04
3284	624183.23	4265784.62	1.34E-03	4.61E-04	1.12E-03	3.45E-04	2.65E-04	8.83E-05	2.07E-04
3285	624183.09	4265794.51	1.37E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.11E-04
3286	624182.94	4265804.4	1.39E-03	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.15E-05	2.14E-04
3287	624182.8	4265814.3	1.41E-03	4.86E-04	1.18E-03	3.64E-04	2.79E-04	9.30E-05	2.18E-04
3288	624194.02	4265586.51	9.61E-04	3.31E-04	8.03E-04	2.47E-04	1.90E-04	6.33E-05	1.48E-04
3289	624197.81	4265577.72	9.59E-04	3.30E-04	8.01E-04	2.47E-04	1.90E-04	6.32E-05	1.48E-04
3290	624201.6	4265568.94	9.55E-04	3.29E-04	7.99E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04
3291	624205.38	4265560.16	9.52E-04	3.27E-04	7.95E-04	2.45E-04	1.88E-04	6.27E-05	1.47E-04
3292	624209.17	4265551.38	9.47E-04	3.26E-04	7.92E-04	2.44E-04	1.88E-04	6.24E-05	1.46E-04
3293	624212.95	4265542.59	9.43E-04	3.24E-04	7.88E-04	2.43E-04	1.87E-04	6.21E-05	1.45E-04
3294	624216.74	4265533.81	9.37E-04	3.22E-04	7.84E-04	2.41E-04	1.86E-04	6.18E-05	1.45E-04
3295	624229.41	4265521.49	9.49E-04	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04
3296	624238.3	4265517.96	9.66E-04	3.32E-04	8.08E-04	2.49E-04	1.91E-04	6.37E-05	1.49E-04
3297	624247.18	4265514.42	9.83E-04	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04
3298	624256.07	4265510.89	1.00E-03	3.44E-04	8.36E-04	2.57E-04	1.98E-04	6.59E-05	1.54E-04
3299	624264.96	4265507.35	1.02E-03	3.49E-04	8.49E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04
3300	624273.84	4265503.82	1.03E-03	3.55E-04	8.62E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04
3301	624282.73	4265500.28	1.05E-03	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04
3302	624291.61	4265496.74	1.06E-03	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04
3303	624300.5	4265493.21	1.07E-03	3.69E-04	8.97E-04	2.76E-04	2.12E-04	7.07E-05	1.66E-04
3304	624309.39	4265489.67	1.09E-03	3.74E-04	9.08E-04	2.80E-04	2.15E-04	7.16E-05	1.68E-04
3305	624318.27	4265486.14	1.10E-03	3.78E-04	9.19E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04
3306	624327.16	4265482.6	1.11E-03	3.83E-04	9.30E-04	2.87E-04	2.20E-04	7.33E-05	1.72E-04
3307	624336.04	4265479.07	1.13E-03	3.87E-04	9.42E-04	2.90E-04	2.23E-04	7.42E-05	1.74E-04
3308	624344.93	4265475.53	1.14E-03	3.92E-04	9.54E-04	2.94E-04	2.26E-04	7.52E-05	1.76E-04
3309	624353.82	4265471.99	1.16E-03	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.79E-04
3310	624159.52	4265695.22	1.03E-03	3.55E-04	8.62E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04
3311	624159.38	4265705.12	1.05E-03	3.60E-04	8.76E-04	2.70E-04	2.07E-04	6.90E-05	1.62E-04
3312	624159.24	4265715.01	1.06E-03	3.66E-04	8.90E-04	2.74E-04	2.11E-04	7.01E-05	1.64E-04
3313	624159.09	4265724.9	1.08E-03	3.72E-04	9.04E-04	2.78E-04	2.14E-04	7.13E-05	1.67E-04
3314	624158.95	4265734.79	1.10E-03	3.78E-04	9.19E-04	2.83E-04	2.18E-04	7.24E-05	1.70E-04
3315	624158.81	4265744.69	1.12E-03	3.84E-04	9.34E-04	2.88E-04	2.21E-04	7.36E-05	1.72E-04
3316	624158.66	4265754.58	1.14E-03	3.91E-04	9.50E-04	2.93E-04	2.25E-04	7.49E-05	1.75E-04
3317	624158.52	4265764.47	1.16E-03	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.78E-04
3318	624158.38	4265774.36	1.18E-03	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.75E-05	1.82E-04
3319	624158.23	4265784.26	1.20E-03	4.12E-04	1.00E-03	3.08E-04	2.37E-04	7.89E-05	1.85E-04
3320	624158.09	4265794.15	1.22E-03	4.19E-04	1.02E-03	3.13E-04	2.41E-04	8.02E-05	1.88E-04
3321	624157.95	4265804.04	1.24E-03	4.26E-04	1.03E-03	3.19E-04	2.45E-04	8.15E-05	1.91E-04
3322	624157.8	4265813.93	1.26E-03	4.32E-04	1.05E-03	3.24E-04	2.49E-04	8.28E-05	1.94E-04
3323	624165.24	4265594.93	8.86E-04	3.05E-04	7.41E-04	2.28E-04	1.75E-04	5.84E-05	1.37E-04
3324	624169.03	4265586.14	8.85E-04	3.04E-04	7.40E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04

3325	624172.81	4265577.36	8.83E-04	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04
3326	624176.6	4265568.58	8.82E-04	3.03E-04	7.37E-04	2.27E-04	1.75E-04	5.81E-05	1.36E-04
3327	624180.38	4265559.8	8.80E-04	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.80E-05	1.36E-04
3328	624184.17	4265551.01	8.77E-04	3.02E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04
3329	624187.96	4265542.23	8.74E-04	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04
3330	624191.74	4265533.45	8.71E-04	2.99E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04
3331	624195.53	4265524.67	8.67E-04	2.98E-04	7.24E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04
3332	624199.31	4265515.89	8.62E-04	2.96E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04
3333	624211.99	4265503.57	8.73E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04
3334	624220.87	4265500.03	8.88E-04	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04
3335	624229.76	4265496.5	9.03E-04	3.11E-04	7.55E-04	2.33E-04	1.79E-04	5.95E-05	1.39E-04
3336	624238.64	4265492.96	9.18E-04	3.16E-04	7.67E-04	2.36E-04	1.82E-04	6.05E-05	1.42E-04
3337	624247.53	4265489.42	9.32E-04	3.20E-04	7.79E-04	2.40E-04	1.84E-04	6.14E-05	1.44E-04
3338	624256.42	4265485.89	9.45E-04	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.23E-05	1.46E-04
3339	624265.3	4265482.35	9.58E-04	3.30E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04
3340	624274.19	4265478.82	9.71E-04	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04
3341	624283.08	4265475.28	9.82E-04	3.38E-04	8.21E-04	2.53E-04	1.94E-04	6.47E-05	1.52E-04
3342	624291.96	4265471.75	9.94E-04	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04
3343	624300.85	4265468.21	1.00E-03	3.45E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04
3344	624309.73	4265464.68	1.02E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04
3345	624318.62	4265461.14	1.03E-03	3.53E-04	8.57E-04	2.64E-04	2.03E-04	6.76E-05	1.58E-04
3346	624327.51	4265457.6	1.04E-03	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04
3347	624336.39	4265454.07	1.05E-03	3.61E-04	8.77E-04	2.70E-04	2.08E-04	6.91E-05	1.62E-04
3348	624345.28	4265450.53	1.06E-03	3.65E-04	8.87E-04	2.73E-04	2.10E-04	6.99E-05	1.64E-04
3349	624354.16	4265447	1.08E-03	3.70E-04	8.99E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04
3350	624140.24	4265594.56	8.19E-04	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.26E-04
3351	624144.03	4265585.78	8.18E-04	2.81E-04	6.84E-04	2.11E-04	1.62E-04	5.39E-05	1.26E-04
3352	624147.82	4265577	8.18E-04	2.81E-04	6.83E-04	2.10E-04	1.62E-04	5.39E-05	1.26E-04
3353	624151.6	4265568.22	8.17E-04	2.81E-04	6.83E-04	2.10E-04	1.62E-04	5.38E-05	1.26E-04
3354	624155.39	4265559.44	8.15E-04	2.80E-04	6.82E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04
3355	624159.17	4265550.65	8.14E-04	2.80E-04	6.80E-04	2.10E-04	1.61E-04	5.36E-05	1.26E-04
3356	624162.96	4265541.87	8.12E-04	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04
3357	624166.75	4265533.09	8.10E-04	2.78E-04	6.77E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04
3358	624170.53	4265524.31	8.07E-04	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04
3359	624174.32	4265515.52	8.04E-04	2.76E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04
3360	624178.1	4265506.74	8.01E-04	2.75E-04	6.69E-04	2.06E-04	1.58E-04	5.27E-05	1.24E-04
3361	624181.89	4265497.96	7.97E-04	2.74E-04	6.66E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04
3362	624194.56	4265485.64	8.07E-04	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.32E-05	1.24E-04
3363	624203.45	4265482.11	8.20E-04	2.82E-04	6.86E-04	2.11E-04	1.62E-04	5.40E-05	1.27E-04
3364	624212.33	4265478.57	8.33E-04	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.49E-05	1.29E-04
3365	624221.22	4265475.03	8.46E-04	2.91E-04	7.07E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04
3366	624230.11	4265471.5	8.59E-04	2.95E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04
3367	624238.99	4265467.96	8.71E-04	3.00E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04
3368	624247.88	4265464.43	8.83E-04	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04
3369	624256.76	4265460.89	8.94E-04	3.08E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04
3370	624265.65	4265457.36	9.05E-04	3.11E-04	7.56E-04	2.33E-04	1.79E-04	5.96E-05	1.40E-04
3371	624274.54	4265453.82	9.15E-04	3.15E-04	7.65E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04
3372	624283.42	4265450.28	9.24E-04	3.18E-04	7.72E-04	2.38E-04	1.83E-04	6.09E-05	1.43E-04
3373	624292.31	4265446.75	9.33E-04	3.21E-04	7.80E-04	2.40E-04	1.85E-04	6.15E-05	1.44E-04
3374	624301.19	4265443.21	9.42E-04	3.24E-04	7.87E-04	2.43E-04	1.86E-04	6.21E-05	1.45E-04
3375	624310.08	4265439.68	9.51E-04	3.27E-04	7.95E-04	2.45E-04	1.88E-04	6.26E-05	1.47E-04
3376	624318.97	4265436.14	9.60E-04	3.30E-04	8.02E-04	2.47E-04	1.90E-04	6.32E-05	1.48E-04

3377	624327.85	4265432.61	9.70E-04	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04
3378	624336.74	4265429.07	9.80E-04	3.37E-04	8.19E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04
3379	624345.62	4265425.54	9.91E-04	3.41E-04	8.28E-04	2.55E-04	1.96E-04	6.53E-05	1.53E-04
3380	624354.51	4265422	1.00E-03	3.45E-04	8.38E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04
3381	624088.74	4265655.68	7.68E-04	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04
3382	624092.53	4265646.9	7.66E-04	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04
3383	624115.25	4265594.2	7.60E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04
3384	624119.03	4265585.42	7.59E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.00E-05	1.17E-04
3385	624122.82	4265576.64	7.59E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04
3386	624126.6	4265567.86	7.59E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04
3387	624130.39	4265559.07	7.58E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04
3388	624134.18	4265550.29	7.57E-04	2.60E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04
3389	624137.96	4265541.51	7.56E-04	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04
3390	624141.75	4265532.73	7.55E-04	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04
3391	624145.53	4265523.94	7.53E-04	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04
3392	624149.32	4265515.16	7.51E-04	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04
3393	624153.11	4265506.38	7.49E-04	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.16E-04
3394	624156.89	4265497.6	7.46E-04	2.57E-04	6.24E-04	1.92E-04	1.48E-04	4.92E-05	1.15E-04
3395	624160.68	4265488.82	7.43E-04	2.56E-04	6.21E-04	1.91E-04	1.47E-04	4.90E-05	1.15E-04
3396	624164.46	4265480.03	7.40E-04	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04
3397	624177.14	4265467.71	7.49E-04	2.58E-04	6.26E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04
3398	624186.02	4265464.18	7.61E-04	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04
3399	624194.91	4265460.64	7.73E-04	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04
3400	624203.79	4265457.11	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
3401	624212.68	4265453.57	7.96E-04	2.74E-04	6.65E-04	2.05E-04	1.58E-04	5.24E-05	1.23E-04
3402	624221.57	4265450.04	8.07E-04	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04
3403	624230.45	4265446.5	8.17E-04	2.81E-04	6.83E-04	2.10E-04	1.62E-04	5.39E-05	1.26E-04
3404	624239.34	4265442.97	8.28E-04	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04
3405	624248.22	4265439.43	8.37E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04
3406	624257.11	4265435.89	8.46E-04	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.58E-05	1.31E-04
3407	624266	4265432.36	8.55E-04	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04
3408	624274.88	4265428.82	8.63E-04	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04
3409	624283.77	4265425.29	8.70E-04	2.99E-04	7.28E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04
3410	624292.65	4265421.75	8.78E-04	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04
3411	624301.54	4265418.22	8.85E-04	3.04E-04	7.40E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04
3412	624310.43	4265414.68	8.93E-04	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04
3413	624319.31	4265411.14	9.01E-04	3.10E-04	7.53E-04	2.32E-04	1.78E-04	5.94E-05	1.39E-04
3414	624328.2	4265407.61	9.10E-04	3.13E-04	7.60E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04
3415	624337.08	4265404.07	9.19E-04	3.16E-04	7.68E-04	2.37E-04	1.82E-04	6.05E-05	1.42E-04
3416	624345.97	4265400.54	9.29E-04	3.19E-04	7.76E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04
3417	624354.86	4265397	9.39E-04	3.23E-04	7.85E-04	2.42E-04	1.86E-04	6.18E-05	1.45E-04
3418	624084.96	4265664.46	7.69E-04	2.64E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04
3419	624084.82	4265674.35	7.79E-04	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04
3420	624084.67	4265684.25	7.90E-04	2.72E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04
3421	624084.53	4265694.14	8.00E-04	2.75E-04	6.68E-04	2.06E-04	1.58E-04	5.27E-05	1.23E-04
3422	624084.39	4265704.03	8.10E-04	2.78E-04	6.77E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04
3423	624084.24	4265713.92	8.19E-04	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.26E-04
3424	624084.1	4265723.82	8.29E-04	2.85E-04	6.93E-04	2.13E-04	1.64E-04	5.46E-05	1.28E-04
3425	624083.96	4265733.71	8.39E-04	2.89E-04	7.01E-04	2.16E-04	1.66E-04	5.53E-05	1.29E-04
3426	624083.81	4265743.6	8.49E-04	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.60E-05	1.31E-04
3427	624083.67	4265753.49	8.60E-04	2.96E-04	7.19E-04	2.21E-04	1.70E-04	5.67E-05	1.33E-04
3428	624083.53	4265763.39	8.71E-04	3.00E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04

3429	624083.38	4265773.28	8.83E-04	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04
3430	624083.24	4265783.17	8.95E-04	3.08E-04	7.48E-04	2.30E-04	1.77E-04	5.90E-05	1.38E-04
3431	624083.1	4265793.06	9.07E-04	3.12E-04	7.58E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04
3432	624082.96	4265802.96	9.20E-04	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04
3433	624082.81	4265812.85	9.33E-04	3.21E-04	7.80E-04	2.40E-04	1.85E-04	6.15E-05	1.44E-04
3434	624082.67	4265822.74	9.46E-04	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.23E-05	1.46E-04
3435	624082.53	4265832.63	9.58E-04	3.30E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04
3436	624082.38	4265842.53	9.71E-04	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04
3437	624082.24	4265852.42	9.83E-04	3.38E-04	8.21E-04	2.53E-04	1.94E-04	6.47E-05	1.52E-04
3438	624082.1	4265862.31	9.94E-04	3.42E-04	8.31E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04
3439	624081.95	4265872.2	1.01E-03	3.46E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04
3440	624081.81	4265882.1	1.02E-03	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.69E-05	1.57E-04
3441	624081.67	4265891.99	1.03E-03	3.53E-04	8.58E-04	2.64E-04	2.03E-04	6.76E-05	1.58E-04
3442	624081.52	4265901.88	1.04E-03	3.56E-04	8.66E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04
3443	624081.38	4265911.77	1.05E-03	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04
3444	624081.24	4265921.67	1.05E-03	3.63E-04	8.81E-04	2.72E-04	2.09E-04	6.95E-05	1.63E-04
3445	624081.09	4265931.56	1.06E-03	3.66E-04	8.89E-04	2.74E-04	2.10E-04	7.00E-05	1.64E-04
3446	624080.95	4265941.45	1.07E-03	3.68E-04	8.96E-04	2.76E-04	2.12E-04	7.06E-05	1.65E-04
3447	624080.81	4265951.34	1.08E-03	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04
3448	624080.67	4265961.24	1.09E-03	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.16E-05	1.68E-04
3449	624080.52	4265971.13	1.09E-03	3.76E-04	9.15E-04	2.82E-04	2.17E-04	7.21E-05	1.69E-04
3450	624080.38	4265981.02	1.10E-03	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04
3451	624063.75	4265655.32	7.15E-04	2.46E-04	5.97E-04	1.84E-04	1.41E-04	4.71E-05	1.10E-04
3452	624067.53	4265646.54	7.13E-04	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04
3453	624071.32	4265637.75	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
3454	624075.11	4265628.97	7.11E-04	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
3455	624078.89	4265620.19	7.10E-04	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
3456	624082.68	4265611.41	7.09E-04	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04
3457	624086.46	4265602.62	7.08E-04	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04
3458	624090.25	4265593.84	7.08E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
3459	624094.03	4265585.06	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
3460	624097.82	4265576.28	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
3461	624101.61	4265567.49	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
3462	624105.39	4265558.71	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
3463	624109.18	4265549.93	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
3464	624112.96	4265541.15	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
3465	624116.75	4265532.37	7.05E-04	2.43E-04	5.89E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
3466	624120.54	4265523.58	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
3467	624124.32	4265514.8	7.03E-04	2.42E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04
3468	624128.11	4265506.02	7.01E-04	2.41E-04	5.86E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04
3469	624131.89	4265497.24	6.99E-04	2.40E-04	5.85E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04
3470	624135.68	4265488.45	6.97E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.59E-05	1.08E-04
3471	624139.47	4265479.67	6.95E-04	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04
3472	624143.25	4265470.89	6.92E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04
3473	624147.04	4265462.11	6.90E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.06E-04
3474	624159.71	4265449.79	6.98E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04
3475	624168.6	4265446.25	7.09E-04	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04
3476	624177.48	4265442.72	7.20E-04	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04
3477	624186.37	4265439.18	7.30E-04	2.51E-04	6.10E-04	1.88E-04	1.45E-04	4.81E-05	1.13E-04
3478	624195.25	4265435.65	7.41E-04	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04
3479	624204.14	4265432.11	7.51E-04	2.58E-04	6.27E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04
3480	624213.03	4265428.57	7.60E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04

3481	624221.91	4265425.04	7.69E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04
3482	624230.8	4265421.5	7.78E-04	2.68E-04	6.50E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04
3483	624239.68	4265417.97	7.86E-04	2.70E-04	6.57E-04	2.02E-04	1.56E-04	5.18E-05	1.21E-04
3484	624248.57	4265414.43	7.94E-04	2.73E-04	6.64E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04
3485	624257.46	4265410.9	8.01E-04	2.75E-04	6.70E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04
3486	624266.34	4265407.36	8.08E-04	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04
3487	624275.23	4265403.83	8.15E-04	2.80E-04	6.81E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04
3488	624284.12	4265400.29	8.21E-04	2.82E-04	6.87E-04	2.11E-04	1.63E-04	5.41E-05	1.27E-04
3489	624293	4265396.75	8.28E-04	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04
3490	624301.89	4265393.22	8.34E-04	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04
3491	624310.77	4265389.68	8.41E-04	2.89E-04	7.03E-04	2.16E-04	1.66E-04	5.54E-05	1.30E-04
3492	624319.66	4265386.15	8.48E-04	2.92E-04	7.09E-04	2.18E-04	1.68E-04	5.59E-05	1.31E-04
3493	624328.55	4265382.61	8.56E-04	2.94E-04	7.15E-04	2.20E-04	1.69E-04	5.64E-05	1.32E-04
3494	624337.43	4265379.08	8.64E-04	2.97E-04	7.22E-04	2.22E-04	1.71E-04	5.69E-05	1.33E-04
3495	624346.32	4265375.54	8.72E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04
3496	624355.2	4265372	8.81E-04	3.03E-04	7.37E-04	2.27E-04	1.74E-04	5.81E-05	1.36E-04
3497	624059.96	4265664.1	7.16E-04	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.72E-05	1.10E-04
3498	624059.82	4265673.99	7.25E-04	2.49E-04	6.06E-04	1.87E-04	1.43E-04	4.78E-05	1.12E-04
3499	624059.68	4265683.89	7.34E-04	2.52E-04	6.13E-04	1.89E-04	1.45E-04	4.83E-05	1.13E-04
3500	624059.53	4265693.78	7.42E-04	2.55E-04	6.21E-04	1.91E-04	1.47E-04	4.89E-05	1.15E-04
3501	624059.39	4265703.67	7.51E-04	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04
3502	624059.25	4265713.56	7.59E-04	2.61E-04	6.35E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04
3503	624059.1	4265723.46	7.68E-04	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04
3504	624058.96	4265733.35	7.76E-04	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04
3505	624058.82	4265743.24	7.84E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
3506	624058.67	4265753.13	7.93E-04	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04
3507	624058.53	4265763.03	8.03E-04	2.76E-04	6.71E-04	2.07E-04	1.59E-04	5.29E-05	1.24E-04
3508	624058.39	4265772.92	8.12E-04	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04
3509	624058.24	4265782.81	8.22E-04	2.83E-04	6.87E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04
3510	624058.1	4265792.7	8.33E-04	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.49E-05	1.29E-04
3511	624057.96	4265802.6	8.44E-04	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04
3512	624057.81	4265812.49	8.55E-04	2.94E-04	7.15E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04
3513	624057.67	4265822.38	8.66E-04	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04
3514	624057.53	4265832.27	8.77E-04	3.02E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04
3515	624057.39	4265842.17	8.88E-04	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04
3516	624057.24	4265852.06	8.99E-04	3.09E-04	7.51E-04	2.31E-04	1.78E-04	5.92E-05	1.39E-04
3517	624057.1	4265861.95	9.09E-04	3.13E-04	7.60E-04	2.34E-04	1.80E-04	5.99E-05	1.40E-04
3518	624056.96	4265871.84	9.20E-04	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04
3519	624056.81	4265881.74	9.29E-04	3.20E-04	7.77E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04
3520	624056.67	4265891.63	9.39E-04	3.23E-04	7.85E-04	2.42E-04	1.86E-04	6.18E-05	1.45E-04
3521	624056.53	4265901.52	9.48E-04	3.26E-04	7.92E-04	2.44E-04	1.88E-04	6.24E-05	1.46E-04
3522	624056.38	4265911.41	9.56E-04	3.29E-04	7.99E-04	2.46E-04	1.89E-04	6.30E-05	1.48E-04
3523	624056.24	4265921.31	9.65E-04	3.32E-04	8.06E-04	2.48E-04	1.91E-04	6.36E-05	1.49E-04
3524	624056.1	4265931.2	9.73E-04	3.35E-04	8.13E-04	2.50E-04	1.93E-04	6.41E-05	1.50E-04
3525	624055.95	4265941.09	9.80E-04	3.37E-04	8.20E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04
3526	624055.81	4265950.98	9.88E-04	3.40E-04	8.26E-04	2.54E-04	1.96E-04	6.51E-05	1.52E-04
3527	624055.67	4265960.88	9.95E-04	3.42E-04	8.32E-04	2.56E-04	1.97E-04	6.56E-05	1.54E-04
3528	624055.52	4265970.77	1.00E-03	3.45E-04	8.38E-04	2.58E-04	1.98E-04	6.60E-05	1.55E-04
3529	624055.38	4265980.66	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04
3530	624013.75	4265654.59	6.26E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.66E-05
3531	624017.54	4265645.81	6.25E-04	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05
3532	624021.32	4265637.03	6.23E-04	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05

3533	624025.11	4265628.25	6.22E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05
3534	624028.9	4265619.47	6.21E-04	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05
3535	624032.68	4265610.68	6.20E-04	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05
3536	624036.47	4265601.9	6.20E-04	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.08E-05	9.56E-05
3537	624040.25	4265593.12	6.19E-04	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05
3538	624044.04	4265584.34	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05
3539	624047.83	4265575.55	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05
3540	624051.61	4265566.77	6.18E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05
3541	624055.4	4265557.99	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.54E-05
3542	624059.18	4265549.21	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05
3543	624062.97	4265540.42	6.19E-04	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05
3544	624066.76	4265531.64	6.19E-04	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05
3545	624070.54	4265522.86	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05
3546	624074.33	4265514.08	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05
3547	624078.11	4265505.29	6.18E-04	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.07E-05	9.53E-05
3548	624081.9	4265496.51	6.17E-04	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.07E-05	9.52E-05
3549	624085.69	4265487.73	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05
3550	624089.47	4265478.95	6.15E-04	2.11E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.49E-05
3551	624093.26	4265470.17	6.14E-04	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05
3552	624097.04	4265461.38	6.12E-04	2.10E-04	5.12E-04	1.58E-04	1.21E-04	4.03E-05	9.44E-05
3553	624100.83	4265452.6	6.10E-04	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05
3554	624104.62	4265443.82	6.09E-04	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05
3555	624108.4	4265435.04	6.06E-04	2.09E-04	5.07E-04	1.56E-04	1.20E-04	4.00E-05	9.36E-05
3556	624112.19	4265426.25	6.04E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.32E-05
3557	624124.86	4265413.94	6.11E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05
3558	624133.75	4265410.4	6.20E-04	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05
3559	624142.63	4265406.86	6.29E-04	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.71E-05
3560	624151.52	4265403.33	6.38E-04	2.20E-04	5.34E-04	1.64E-04	1.26E-04	4.21E-05	9.85E-05
3561	624160.4	4265399.79	6.47E-04	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.99E-05
3562	624169.29	4265396.26	6.56E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04
3563	624178.18	4265392.72	6.64E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.38E-05	1.02E-04
3564	624187.06	4265389.19	6.72E-04	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04
3565	624195.95	4265385.65	6.80E-04	2.34E-04	5.68E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04
3566	624204.83	4265382.12	6.87E-04	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04
3567	624213.72	4265378.58	6.94E-04	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04
3568	624222.61	4265375.04	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04
3569	624231.49	4265371.51	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
3570	624240.38	4265367.97	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
3571	624249.26	4265364.44	7.17E-04	2.46E-04	5.99E-04	1.85E-04	1.42E-04	4.72E-05	1.11E-04
3572	624258.15	4265360.9	7.22E-04	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04
3573	624267.04	4265357.37	7.26E-04	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04
3574	624275.92	4265353.83	7.31E-04	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.81E-05	1.13E-04
3575	624284.81	4265350.29	7.35E-04	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04
3576	624293.69	4265346.76	7.40E-04	2.54E-04	6.18E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04
3577	624302.58	4265343.22	7.45E-04	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04
3578	624311.47	4265339.69	7.50E-04	2.58E-04	6.27E-04	1.93E-04	1.49E-04	4.94E-05	1.16E-04
3579	624320.35	4265336.15	7.56E-04	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04
3580	624329.24	4265332.62	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04
3581	624338.12	4265329.08	7.69E-04	2.64E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04
3582	624347.01	4265325.54	7.76E-04	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04
3583	624355.9	4265322.01	7.83E-04	2.69E-04	6.54E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04
3584	624009.97	4265663.38	6.26E-04	2.15E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05

3585	624009.82	4265673.27	6.34E-04	2.18E-04	5.30E-04	1.63E-04	1.25E-04	4.17E-05	9.78E-05
3586	624009.68	4265683.16	6.40E-04	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.88E-05
3587	624009.54	4265693.05	6.47E-04	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05
3588	624009.39	4265702.95	6.53E-04	2.25E-04	5.46E-04	1.68E-04	1.29E-04	4.31E-05	1.01E-04
3589	624009.25	4265712.84	6.60E-04	2.27E-04	5.51E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04
3590	624009.11	4265722.73	6.66E-04	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.39E-05	1.03E-04
3591	624008.96	4265732.62	6.72E-04	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04
3592	624008.82	4265742.52	6.78E-04	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04
3593	624008.68	4265752.41	6.84E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04
3594	624008.54	4265762.3	6.91E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04
3595	624008.39	4265772.19	6.97E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.59E-05	1.08E-04
3596	624008.25	4265782.09	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
3597	624008.11	4265791.98	7.12E-04	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
3598	624007.96	4265801.87	7.20E-04	2.48E-04	6.02E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04
3599	624007.82	4265811.76	7.28E-04	2.50E-04	6.08E-04	1.87E-04	1.44E-04	4.80E-05	1.12E-04
3600	624007.68	4265821.66	7.36E-04	2.53E-04	6.16E-04	1.90E-04	1.46E-04	4.85E-05	1.14E-04
3601	624007.53	4265831.55	7.45E-04	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04
3602	624007.39	4265841.44	7.54E-04	2.59E-04	6.30E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04
3603	624007.25	4265851.33	7.63E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04
3604	624007.1	4265861.23	7.71E-04	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04
3605	624006.96	4265871.12	7.80E-04	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04
3606	624006.82	4265881.01	7.88E-04	2.71E-04	6.59E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04
3607	624006.67	4265890.9	7.96E-04	2.74E-04	6.66E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04
3608	624006.53	4265900.8	8.05E-04	2.77E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04
3609	624006.39	4265910.69	8.12E-04	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04
3610	624006.25	4265920.58	8.20E-04	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.27E-04
3611	624006.1	4265930.47	8.27E-04	2.84E-04	6.91E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04
3612	624005.96	4265940.37	8.34E-04	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04
3613	624005.82	4265950.26	8.41E-04	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04
3614	624005.67	4265960.15	8.48E-04	2.92E-04	7.09E-04	2.18E-04	1.68E-04	5.59E-05	1.31E-04
3615	624005.53	4265970.04	8.54E-04	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04
3616	624005.39	4265979.94	8.60E-04	2.96E-04	7.19E-04	2.21E-04	1.70E-04	5.67E-05	1.33E-04
3617	624005.24	4265989.83	8.66E-04	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.70E-05	1.34E-04
3618	624005.1	4265999.72	8.71E-04	2.99E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04
3619	624004.96	4266009.61	8.76E-04	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04
3620	624004.81	4266019.51	8.80E-04	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04
3621	624004.67	4266029.4	8.84E-04	3.04E-04	7.39E-04	2.28E-04	1.75E-04	5.82E-05	1.36E-04
3622	624004.53	4266039.29	8.87E-04	3.05E-04	7.41E-04	2.28E-04	1.76E-04	5.84E-05	1.37E-04
3623	624004.38	4266049.18	8.90E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04
3624	624004.24	4266059.08	8.91E-04	3.06E-04	7.45E-04	2.29E-04	1.76E-04	5.87E-05	1.38E-04
3625	624004.1	4266068.97	8.92E-04	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04
3626	623963.88	4265653.59	5.54E-04	1.91E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.55E-05
3627	623967.79	4265644.52	5.54E-04	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05
3628	623971.7	4265635.46	5.53E-04	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.53E-05
3629	623975.6	4265626.39	5.52E-04	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.64E-05	8.52E-05
3630	623979.51	4265617.33	5.51E-04	1.89E-04	4.61E-04	1.42E-04	1.09E-04	3.63E-05	8.50E-05
3631	623983.42	4265608.26	5.50E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.49E-05
3632	623987.33	4265599.19	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05
3633	623991.24	4265590.13	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05
3634	623995.14	4265581.06	5.48E-04	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05
3635	623999.05	4265572	5.48E-04	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05
3636	624002.96	4265562.93	5.48E-04	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05

3637	624006.87	4265553.87	5.48E-04	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05
3638	624010.78	4265544.8	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.61E-05	8.47E-05
3639	624014.68	4265535.73	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05
3640	624018.59	4265526.67	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05
3641	624022.5	4265517.6	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05
3642	624026.41	4265508.54	5.50E-04	1.89E-04	4.59E-04	1.42E-04	1.09E-04	3.62E-05	8.48E-05
3643	624030.32	4265499.47	5.50E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05
3644	624034.23	4265490.41	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05
3645	624038.13	4265481.34	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05
3646	624042.04	4265472.28	5.48E-04	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.46E-05
3647	624045.95	4265463.21	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.61E-05	8.44E-05
3648	624049.86	4265454.14	5.46E-04	1.88E-04	4.56E-04	1.41E-04	1.08E-04	3.60E-05	8.43E-05
3649	624053.77	4265445.08	5.45E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.41E-05
3650	624057.67	4265436.01	5.43E-04	1.87E-04	4.54E-04	1.40E-04	1.08E-04	3.58E-05	8.38E-05
3651	624061.58	4265426.95	5.42E-04	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.36E-05
3652	624065.49	4265417.88	5.40E-04	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05
3653	624069.4	4265408.82	5.38E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05
3654	624073.31	4265399.75	5.37E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.28E-05
3655	624077.21	4265390.68	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05
3656	624090.3	4265377.97	5.40E-04	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.56E-05	8.34E-05
3657	624099.47	4265374.32	5.48E-04	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.46E-05
3658	624108.64	4265370.67	5.56E-04	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.66E-05	8.58E-05
3659	624117.81	4265367.02	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05
3660	624126.99	4265363.37	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05
3661	624136.16	4265359.72	5.80E-04	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05
3662	624145.33	4265356.07	5.88E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05
3663	624154.5	4265352.42	5.95E-04	2.05E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.18E-05
3664	624163.68	4265348.77	6.02E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.97E-05	9.29E-05
3665	624172.85	4265345.12	6.09E-04	2.09E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.40E-05
3666	624182.02	4265341.47	6.15E-04	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.50E-05
3667	624191.19	4265337.82	6.21E-04	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.59E-05
3668	624200.37	4265334.17	6.27E-04	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05
3669	624209.54	4265330.52	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05
3670	624218.71	4265326.87	6.37E-04	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.20E-05	9.83E-05
3671	624227.89	4265323.22	6.41E-04	2.20E-04	5.36E-04	1.65E-04	1.27E-04	4.22E-05	9.89E-05
3672	624237.06	4265319.57	6.45E-04	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.96E-05
3673	624246.23	4265315.92	6.49E-04	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04
3674	624255.4	4265312.27	6.52E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04
3675	624264.58	4265308.63	6.56E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04
3676	624273.75	4265304.98	6.59E-04	2.27E-04	5.51E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04
3677	624282.92	4265301.33	6.62E-04	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.36E-05	1.02E-04
3678	624292.09	4265297.68	6.66E-04	2.29E-04	5.57E-04	1.71E-04	1.32E-04	4.39E-05	1.03E-04
3679	624301.27	4265294.03	6.70E-04	2.30E-04	5.60E-04	1.73E-04	1.33E-04	4.41E-05	1.03E-04
3680	624310.44	4265290.38	6.74E-04	2.32E-04	5.64E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04
3681	624319.61	4265286.73	6.79E-04	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04
3682	624328.79	4265283.08	6.84E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04
3683	624337.96	4265279.43	6.90E-04	2.37E-04	5.76E-04	1.78E-04	1.37E-04	4.54E-05	1.06E-04
3684	624347.13	4265275.78	6.95E-04	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04
3685	624356.3	4265272.13	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04
3686	623959.97	4265662.65	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.56E-05
3687	623959.83	4265672.55	5.60E-04	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05
3688	623959.69	4265682.44	5.66E-04	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05

3689	623959.54	4265692.33	5.71E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.81E-05
3690	623959.4	4265702.22	5.76E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.88E-05
3691	623959.26	4265712.12	5.80E-04	2.00E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05
3692	623959.11	4265722.01	5.85E-04	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.85E-05	9.02E-05
3693	623958.97	4265731.9	5.89E-04	2.02E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05
3694	623958.83	4265741.79	5.93E-04	2.04E-04	4.96E-04	1.53E-04	1.17E-04	3.91E-05	9.15E-05
3695	623958.68	4265751.69	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.22E-05
3696	623958.54	4265761.58	6.02E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05
3697	623958.4	4265771.47	6.06E-04	2.08E-04	5.07E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05
3698	623958.25	4265781.36	6.11E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05
3699	623958.11	4265791.26	6.16E-04	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05
3700	623957.97	4265801.15	6.22E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05
3701	623957.82	4265811.04	6.28E-04	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.69E-05
3702	623957.68	4265820.93	6.34E-04	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05
3703	623957.54	4265830.83	6.41E-04	2.20E-04	5.36E-04	1.65E-04	1.27E-04	4.22E-05	9.89E-05
3704	623957.4	4265840.72	6.48E-04	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04
3705	623957.25	4265850.61	6.55E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04
3706	623957.11	4265860.5	6.63E-04	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04
3707	623956.97	4265870.4	6.70E-04	2.31E-04	5.60E-04	1.73E-04	1.33E-04	4.42E-05	1.03E-04
3708	623956.82	4265880.29	6.78E-04	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04
3709	623956.68	4265890.18	6.86E-04	2.36E-04	5.73E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04
3710	623956.54	4265900.07	6.94E-04	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04
3711	623956.39	4265909.97	7.01E-04	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04
3712	623956.25	4265919.86	7.08E-04	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
3713	623956.11	4265929.75	7.15E-04	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04
3714	623955.96	4265939.64	7.22E-04	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.76E-05	1.11E-04
3715	623955.82	4265949.54	7.28E-04	2.50E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04
3716	623955.68	4265959.43	7.35E-04	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04
3717	623955.53	4265969.32	7.40E-04	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04
3718	623955.39	4265979.21	7.46E-04	2.56E-04	6.23E-04	1.92E-04	1.48E-04	4.91E-05	1.15E-04
3719	623955.25	4265989.11	7.51E-04	2.58E-04	6.27E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04
3720	623955.11	4265999	7.55E-04	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.98E-05	1.17E-04
3721	623954.96	4266008.89	7.59E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.00E-05	1.17E-04
3722	623954.82	4266018.78	7.63E-04	2.62E-04	6.38E-04	1.96E-04	1.51E-04	5.03E-05	1.18E-04
3723	623954.68	4266028.68	7.66E-04	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04
3724	623954.53	4266038.57	7.69E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04
3725	623954.39	4266048.46	7.72E-04	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04
3726	623954.25	4266058.35	7.73E-04	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04
3727	623954.1	4266068.25	7.74E-04	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.19E-04
3728	623913.87	4265652.9	4.96E-04	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.66E-05
3729	623917.77	4265643.86	4.96E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.27E-05	7.65E-05
3730	623921.66	4265634.83	4.95E-04	1.70E-04	4.14E-04	1.27E-04	9.80E-05	3.26E-05	7.64E-05
3731	623925.55	4265625.8	4.94E-04	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05
3732	623929.45	4265616.76	4.94E-04	1.70E-04	4.13E-04	1.27E-04	9.78E-05	3.25E-05	7.62E-05
3733	623933.34	4265607.73	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05
3734	623937.24	4265598.7	4.93E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.25E-05	7.60E-05
3735	623941.13	4265589.66	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05
3736	623945.02	4265580.63	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.59E-05
3737	623948.92	4265571.6	4.91E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.58E-05
3738	623952.81	4265562.56	4.91E-04	1.69E-04	4.11E-04	1.26E-04	9.72E-05	3.24E-05	7.58E-05
3739	623956.71	4265553.53	4.91E-04	1.69E-04	4.11E-04	1.26E-04	9.72E-05	3.24E-05	7.58E-05
3740	623960.6	4265544.5	4.91E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.58E-05

3741	623964.49	4265535.46	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.59E-05
3742	623968.39	4265526.43	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05
3743	623972.28	4265517.4	4.92E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05
3744	623976.18	4265508.36	4.93E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.25E-05	7.60E-05
3745	623980.07	4265499.33	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05
3746	623983.97	4265490.3	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05
3747	623987.86	4265481.27	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05
3748	623991.75	4265472.23	4.93E-04	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05
3749	623995.65	4265463.2	4.93E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.25E-05	7.60E-05
3750	623999.54	4265454.17	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05
3751	624003.44	4265445.13	4.91E-04	1.69E-04	4.11E-04	1.27E-04	9.73E-05	3.24E-05	7.58E-05
3752	624007.33	4265436.1	4.91E-04	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05
3753	624011.22	4265427.07	4.89E-04	1.68E-04	4.09E-04	1.26E-04	9.69E-05	3.22E-05	7.55E-05
3754	624015.12	4265418.03	4.88E-04	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.22E-05	7.53E-05
3755	624019.01	4265409	4.87E-04	1.67E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.51E-05
3756	624022.91	4265399.97	4.85E-04	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05
3757	624026.8	4265390.93	4.84E-04	1.66E-04	4.04E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05
3758	624030.69	4265381.9	4.82E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05
3759	624034.59	4265372.87	4.81E-04	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05
3760	624038.48	4265363.83	4.79E-04	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.39E-05
3761	624042.38	4265354.8	4.78E-04	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.15E-05	7.37E-05
3762	624055.41	4265342.13	4.82E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05
3763	624064.55	4265338.49	4.89E-04	1.68E-04	4.09E-04	1.26E-04	9.68E-05	3.22E-05	7.54E-05
3764	624073.69	4265334.86	4.95E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.65E-05
3765	624082.83	4265331.22	5.02E-04	1.73E-04	4.20E-04	1.29E-04	9.94E-05	3.31E-05	7.75E-05
3766	624091.97	4265327.58	5.09E-04	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.35E-05	7.86E-05
3767	624101.11	4265323.95	5.16E-04	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05
3768	624110.25	4265320.31	5.23E-04	1.80E-04	4.37E-04	1.35E-04	1.04E-04	3.45E-05	8.07E-05
3769	624119.39	4265316.67	5.30E-04	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05
3770	624128.53	4265313.04	5.36E-04	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05
3771	624137.67	4265309.4	5.42E-04	1.87E-04	4.53E-04	1.40E-04	1.07E-04	3.57E-05	8.37E-05
3772	624146.81	4265305.76	5.48E-04	1.89E-04	4.58E-04	1.41E-04	1.09E-04	3.61E-05	8.46E-05
3773	624155.95	4265302.13	5.54E-04	1.91E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.55E-05
3774	624165.09	4265298.49	5.59E-04	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05
3775	624174.23	4265294.85	5.65E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.71E-05
3776	624183.37	4265291.22	5.69E-04	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.78E-05
3777	624192.51	4265287.58	5.73E-04	1.97E-04	4.79E-04	1.48E-04	1.14E-04	3.78E-05	8.85E-05
3778	624201.65	4265283.94	5.77E-04	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.80E-05	8.91E-05
3779	624210.79	4265280.31	5.81E-04	2.00E-04	4.86E-04	1.50E-04	1.15E-04	3.83E-05	8.96E-05
3780	624219.93	4265276.67	5.84E-04	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05
3781	624229.07	4265273.03	5.87E-04	2.02E-04	4.90E-04	1.51E-04	1.16E-04	3.87E-05	9.05E-05
3782	624238.21	4265269.4	5.89E-04	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05
3783	624247.35	4265265.76	5.92E-04	2.03E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05
3784	624256.49	4265262.12	5.94E-04	2.04E-04	4.96E-04	1.53E-04	1.18E-04	3.91E-05	9.17E-05
3785	624265.63	4265258.49	5.96E-04	2.05E-04	4.98E-04	1.54E-04	1.18E-04	3.93E-05	9.20E-05
3786	624274.77	4265254.85	5.99E-04	2.06E-04	5.00E-04	1.54E-04	1.19E-04	3.95E-05	9.24E-05
3787	624283.91	4265251.21	6.01E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05
3788	624293.05	4265247.58	6.04E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.33E-05
3789	624302.19	4265243.94	6.08E-04	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05
3790	624311.33	4265240.3	6.11E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05
3791	624320.47	4265236.67	6.15E-04	2.11E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.49E-05
3792	624329.61	4265233.03	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05

3793	624338.75	4265229.39	6.23E-04	2.14E-04	5.21E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05
3794	624347.89	4265225.76	6.27E-04	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.68E-05
3795	624357.03	4265222.12	6.31E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.74E-05
3796	623909.98	4265661.93	4.96E-04	1.71E-04	4.15E-04	1.28E-04	9.83E-05	3.27E-05	7.66E-05
3797	623909.83	4265671.82	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05
3798	623909.69	4265681.72	5.05E-04	1.74E-04	4.22E-04	1.30E-04	9.99E-05	3.33E-05	7.79E-05
3799	623909.55	4265691.61	5.09E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05
3800	623909.4	4265701.5	5.12E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.91E-05
3801	623909.26	4265711.39	5.16E-04	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05
3802	623909.12	4265721.29	5.19E-04	1.78E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05
3803	623908.98	4265731.18	5.22E-04	1.80E-04	4.36E-04	1.34E-04	1.03E-04	3.44E-05	8.05E-05
3804	623908.83	4265741.07	5.25E-04	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05
3805	623908.69	4265750.96	5.28E-04	1.82E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.15E-05
3806	623908.55	4265760.86	5.31E-04	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05
3807	623908.4	4265770.75	5.34E-04	1.84E-04	4.46E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05
3808	623908.26	4265780.64	5.38E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
3809	623908.12	4265790.53	5.41E-04	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.57E-05	8.35E-05
3810	623907.97	4265800.43	5.45E-04	1.88E-04	4.56E-04	1.40E-04	1.08E-04	3.59E-05	8.42E-05
3811	623907.83	4265810.32	5.50E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.49E-05
3812	623907.69	4265820.21	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.56E-05
3813	623907.54	4265830.1	5.60E-04	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05
3814	623907.4	4265840	5.66E-04	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05
3815	623907.26	4265849.89	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.82E-05
3816	623907.11	4265859.78	5.78E-04	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.81E-05	8.92E-05
3817	623906.97	4265869.67	5.85E-04	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.85E-05	9.02E-05
3818	623906.83	4265879.57	5.92E-04	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05
3819	623906.69	4265889.46	5.98E-04	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.23E-05
3820	623906.54	4265899.35	6.05E-04	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.34E-05
3821	623906.4	4265909.24	6.12E-04	2.10E-04	5.11E-04	1.58E-04	1.21E-04	4.03E-05	9.44E-05
3822	623906.26	4265919.14	6.19E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05
3823	623906.11	4265929.03	6.25E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05
3824	623905.97	4265938.92	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05
3825	623905.83	4265948.81	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05
3826	623905.68	4265958.71	6.44E-04	2.21E-04	5.38E-04	1.66E-04	1.27E-04	4.24E-05	9.93E-05
3827	623905.54	4265968.6	6.49E-04	2.23E-04	5.43E-04	1.67E-04	1.29E-04	4.28E-05	1.00E-04
3828	623905.4	4265978.49	6.55E-04	2.25E-04	5.47E-04	1.69E-04	1.30E-04	4.31E-05	1.01E-04
3829	623905.25	4265988.38	6.59E-04	2.27E-04	5.51E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04
3830	623905.11	4265998.28	6.64E-04	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04
3831	623904.97	4266008.17	6.67E-04	2.29E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04
3832	623904.82	4266018.06	6.70E-04	2.31E-04	5.60E-04	1.73E-04	1.33E-04	4.42E-05	1.03E-04
3833	623904.68	4266027.95	6.73E-04	2.31E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04
3834	623904.54	4266037.85	6.75E-04	2.32E-04	5.65E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04
3835	623904.4	4266047.74	6.77E-04	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.05E-04
3836	623904.25	4266057.63	6.79E-04	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.48E-05	1.05E-04
3837	623904.11	4266067.52	6.81E-04	2.34E-04	5.69E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04
3838	623863.87	4265652.2	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.89E-05
3839	623867.75	4265643.19	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.89E-05
3840	623871.63	4265634.18	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05
3841	623875.51	4265625.18	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05
3842	623879.4	4265616.17	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05
3843	623883.28	4265607.16	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.80E-05	2.93E-05	6.86E-05
3844	623887.16	4265598.15	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.93E-05	6.86E-05

3845	623891.05	4265589.15	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.92E-05	6.85E-05
3846	623894.93	4265580.14	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.84E-05
3847	623898.81	4265571.13	4.43E-04	1.52E-04	3.71E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05
3848	623902.7	4265562.12	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05
3849	623906.58	4265553.12	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05
3850	623910.46	4265544.11	4.43E-04	1.52E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.84E-05
3851	623914.34	4265535.1	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05
3852	623918.23	4265526.09	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.93E-05	6.85E-05
3853	623922.11	4265517.09	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.80E-05	2.93E-05	6.86E-05
3854	623925.99	4265508.08	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05
3855	623929.88	4265499.07	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.93E-05	6.87E-05
3856	623933.76	4265490.06	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05
3857	623937.64	4265481.06	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05
3858	623941.53	4265472.05	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05
3859	623945.41	4265463.04	4.46E-04	1.54E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05
3860	623949.29	4265454.03	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.89E-05
3861	623953.18	4265445.03	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05
3862	623957.06	4265436.02	4.46E-04	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05
3863	623960.94	4265427.01	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05
3864	623964.82	4265418	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.93E-05	6.85E-05
3865	623968.71	4265409	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05
3866	623972.59	4265399.99	4.42E-04	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05
3867	623976.47	4265390.98	4.41E-04	1.52E-04	3.69E-04	1.14E-04	8.73E-05	2.91E-05	6.80E-05
3868	623980.36	4265381.97	4.40E-04	1.51E-04	3.67E-04	1.13E-04	8.70E-05	2.90E-05	6.78E-05
3869	623984.24	4265372.97	4.38E-04	1.51E-04	3.66E-04	1.13E-04	8.68E-05	2.89E-05	6.76E-05
3870	623988.12	4265363.96	4.37E-04	1.50E-04	3.65E-04	1.12E-04	8.65E-05	2.88E-05	6.74E-05
3871	623992.01	4265354.95	4.35E-04	1.50E-04	3.64E-04	1.12E-04	8.62E-05	2.87E-05	6.72E-05
3872	623995.89	4265345.94	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.59E-05	2.86E-05	6.70E-05
3873	623999.77	4265336.94	4.33E-04	1.49E-04	3.62E-04	1.11E-04	8.56E-05	2.85E-05	6.68E-05
3874	624003.65	4265327.93	4.31E-04	1.48E-04	3.60E-04	1.11E-04	8.54E-05	2.84E-05	6.65E-05
3875	624007.54	4265318.92	4.30E-04	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.63E-05
3876	624020.53	4265306.29	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.59E-05	2.86E-05	6.70E-05
3877	624029.65	4265302.66	4.39E-04	1.51E-04	3.67E-04	1.13E-04	8.70E-05	2.90E-05	6.78E-05
3878	624038.76	4265299.03	4.45E-04	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05
3879	624047.88	4265295.41	4.51E-04	1.55E-04	3.77E-04	1.16E-04	8.92E-05	2.97E-05	6.96E-05
3880	624056.99	4265291.78	4.57E-04	1.57E-04	3.82E-04	1.18E-04	9.04E-05	3.01E-05	7.04E-05
3881	624066.1	4265288.16	4.62E-04	1.59E-04	3.87E-04	1.19E-04	9.15E-05	3.05E-05	7.14E-05
3882	624075.22	4265284.53	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05
3883	624084.33	4265280.9	4.74E-04	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.12E-05	7.32E-05
3884	624093.45	4265277.28	4.80E-04	1.65E-04	4.01E-04	1.24E-04	9.51E-05	3.16E-05	7.41E-05
3885	624102.56	4265273.65	4.86E-04	1.67E-04	4.06E-04	1.25E-04	9.63E-05	3.20E-05	7.50E-05
3886	624111.67	4265270.02	4.92E-04	1.69E-04	4.11E-04	1.27E-04	9.74E-05	3.24E-05	7.59E-05
3887	624120.79	4265266.4	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.85E-05	3.28E-05	7.68E-05
3888	624129.9	4265262.77	5.03E-04	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.76E-05
3889	624139.02	4265259.15	5.08E-04	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05
3890	624148.13	4265255.52	5.12E-04	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.91E-05
3891	624157.24	4265251.89	5.17E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05
3892	624166.36	4265248.27	5.21E-04	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05
3893	624175.47	4265244.64	5.24E-04	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.09E-05
3894	624184.58	4265241.01	5.27E-04	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.14E-05
3895	624193.7	4265237.39	5.30E-04	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.49E-05	8.18E-05
3896	624202.81	4265233.76	5.33E-04	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05

3897	624211.93	4265230.14	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.26E-05
3898	624221.04	4265226.51	5.37E-04	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05
3899	624230.15	4265222.88	5.39E-04	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05
3900	624239.27	4265219.26	5.40E-04	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05
3901	624248.38	4265215.63	5.42E-04	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.36E-05
3902	624257.5	4265212	5.43E-04	1.87E-04	4.54E-04	1.40E-04	1.08E-04	3.58E-05	8.38E-05
3903	624266.61	4265208.38	5.45E-04	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.41E-05
3904	624275.72	4265204.75	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.44E-05
3905	624284.84	4265201.12	5.49E-04	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05
3906	624293.95	4265197.5	5.51E-04	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.63E-05	8.50E-05
3907	624303.07	4265193.87	5.54E-04	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05
3908	624312.18	4265190.25	5.57E-04	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.59E-05
3909	624321.29	4265186.62	5.59E-04	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05
3910	624330.41	4265182.99	5.63E-04	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05
3911	624339.52	4265179.37	5.66E-04	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05
3912	624348.63	4265175.74	5.69E-04	1.96E-04	4.75E-04	1.46E-04	1.13E-04	3.75E-05	8.78E-05
3913	624357.75	4265172.11	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05
3914	623859.98	4265661.21	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05
3915	623859.84	4265671.1	4.50E-04	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05
3916	623859.7	4265680.99	4.53E-04	1.56E-04	3.78E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05
3917	623859.55	4265690.88	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05
3918	623859.41	4265700.78	4.58E-04	1.58E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05
3919	623859.27	4265710.67	4.61E-04	1.59E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05
3920	623859.12	4265720.56	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05
3921	623858.98	4265730.45	4.66E-04	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05
3922	623858.84	4265740.35	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05
3923	623858.69	4265750.24	4.70E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05
3924	623858.55	4265760.13	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05
3925	623858.41	4265770.02	4.75E-04	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.33E-05
3926	623858.26	4265779.92	4.77E-04	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.15E-05	7.37E-05
3927	623858.12	4265789.81	4.80E-04	1.65E-04	4.02E-04	1.24E-04	9.51E-05	3.17E-05	7.41E-05
3928	623857.98	4265799.7	4.84E-04	1.66E-04	4.04E-04	1.25E-04	9.57E-05	3.19E-05	7.46E-05
3929	623857.84	4265809.59	4.87E-04	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05
3930	623857.69	4265819.49	4.91E-04	1.69E-04	4.11E-04	1.26E-04	9.72E-05	3.24E-05	7.58E-05
3931	623857.55	4265829.38	4.95E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.64E-05
3932	623857.41	4265839.27	5.00E-04	1.72E-04	4.18E-04	1.29E-04	9.90E-05	3.29E-05	7.72E-05
3933	623857.26	4265849.16	5.05E-04	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05
3934	623857.12	4265859.06	5.11E-04	1.76E-04	4.27E-04	1.31E-04	1.01E-04	3.36E-05	7.88E-05
3935	623856.98	4265868.95	5.16E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05
3936	623856.83	4265878.84	5.22E-04	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05
3937	623856.69	4265888.73	5.28E-04	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05
3938	623856.55	4265898.63	5.35E-04	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05
3939	623856.4	4265908.52	5.41E-04	1.86E-04	4.52E-04	1.39E-04	1.07E-04	3.56E-05	8.35E-05
3940	623856.26	4265918.41	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.44E-05
3941	623856.12	4265928.3	5.53E-04	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.54E-05
3942	623855.97	4265938.2	5.59E-04	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.63E-05
3943	623855.83	4265948.09	5.65E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.71E-05
3944	623855.69	4265957.98	5.70E-04	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05
3945	623855.55	4265967.87	5.75E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05
3946	623855.4	4265977.77	5.80E-04	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.94E-05
3947	623855.26	4265987.66	5.84E-04	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05
3948	623855.12	4265997.55	5.88E-04	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05

3949	623854.97	4266007.44	5.91E-04	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05
3950	623854.83	4266017.34	5.95E-04	2.04E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.17E-05
3951	623854.69	4266027.23	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05
3952	623854.54	4266037.12	6.00E-04	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.25E-05
3953	623854.4	4266047.01	6.02E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05
3954	623854.26	4266056.91	6.03E-04	2.07E-04	5.04E-04	1.55E-04	1.19E-04	3.97E-05	9.30E-05
3955	623854.11	4266066.8	6.04E-04	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.32E-05
3956	623813.86	4265651.5	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.66E-05	6.24E-05
3957	623817.74	4265642.51	4.05E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.24E-05
3958	623821.61	4265633.52	4.05E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.24E-05
3959	623825.48	4265624.54	4.05E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.24E-05
3960	623829.36	4265615.55	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.66E-05	6.24E-05
3961	623833.23	4265606.56	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05
3962	623837.11	4265597.58	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05
3963	623840.98	4265588.59	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
3964	623844.85	4265579.6	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
3965	623848.73	4265570.62	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05
3966	623852.6	4265561.63	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05
3967	623856.48	4265552.64	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05
3968	623860.35	4265543.66	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05
3969	623864.22	4265534.67	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
3970	623868.1	4265525.68	4.04E-04	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
3971	623871.97	4265516.7	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05
3972	623875.85	4265507.71	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05
3973	623879.72	4265498.73	4.05E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.25E-05
3974	623883.59	4265489.74	4.05E-04	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05
3975	623887.47	4265480.75	4.06E-04	1.39E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05
3976	623891.34	4265471.77	4.06E-04	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05
3977	623895.22	4265462.78	4.06E-04	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
3978	623899.09	4265453.79	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
3979	623902.96	4265444.81	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
3980	623906.84	4265435.82	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
3981	623910.71	4265426.83	4.06E-04	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
3982	623914.59	4265417.85	4.06E-04	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05
3983	623918.46	4265408.86	4.05E-04	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.26E-05
3984	623922.33	4265399.87	4.05E-04	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.25E-05
3985	623926.21	4265390.89	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05
3986	623930.08	4265381.9	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05
3987	623933.96	4265372.91	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05
3988	623937.83	4265363.93	4.01E-04	1.38E-04	3.35E-04	1.03E-04	7.94E-05	2.64E-05	6.19E-05
3989	623941.7	4265354.94	4.00E-04	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.17E-05
3990	623945.58	4265345.95	3.98E-04	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.62E-05	6.15E-05
3991	623949.45	4265336.97	3.97E-04	1.37E-04	3.32E-04	1.02E-04	7.86E-05	2.62E-05	6.13E-05
3992	623953.33	4265327.98	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.83E-05	2.61E-05	6.11E-05
3993	623957.2	4265318.99	3.94E-04	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05
3994	623961.07	4265310.01	3.93E-04	1.35E-04	3.29E-04	1.01E-04	7.78E-05	2.59E-05	6.07E-05
3995	623964.95	4265301.02	3.92E-04	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05
3996	623968.82	4265292.03	3.91E-04	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05
3997	623972.7	4265283.05	3.89E-04	1.34E-04	3.26E-04	1.00E-04	7.71E-05	2.57E-05	6.01E-05
3998	623985.66	4265270.44	3.93E-04	1.35E-04	3.28E-04	1.01E-04	7.78E-05	2.59E-05	6.06E-05
3999	623994.75	4265266.83	3.98E-04	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.14E-05
4000	624003.85	4265263.21	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05

4001	624012.94	4265259.59	4.07E-04	1.40E-04	3.41E-04	1.05E-04	8.06E-05	2.68E-05	6.29E-05
4002	624022.03	4265255.97	4.12E-04	1.42E-04	3.45E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05
4003	624031.13	4265252.35	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.44E-05
4004	624040.22	4265248.74	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.79E-05	6.52E-05
4005	624049.31	4265245.12	4.28E-04	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05
4006	624058.4	4265241.5	4.33E-04	1.49E-04	3.62E-04	1.12E-04	8.58E-05	2.85E-05	6.69E-05
4007	624067.5	4265237.88	4.38E-04	1.51E-04	3.67E-04	1.13E-04	8.68E-05	2.89E-05	6.77E-05
4008	624076.59	4265234.26	4.44E-04	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05
4009	624085.68	4265230.65	4.49E-04	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.92E-05
4010	624094.77	4265227.03	4.54E-04	1.56E-04	3.79E-04	1.17E-04	8.98E-05	2.99E-05	7.00E-05
4011	624103.87	4265223.41	4.59E-04	1.58E-04	3.83E-04	1.18E-04	9.08E-05	3.02E-05	7.08E-05
4012	624112.96	4265219.79	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05
4013	624122.05	4265216.18	4.68E-04	1.61E-04	3.91E-04	1.20E-04	9.26E-05	3.08E-05	7.22E-05
4014	624131.15	4265212.56	4.72E-04	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05
4015	624140.24	4265208.94	4.76E-04	1.64E-04	3.98E-04	1.22E-04	9.41E-05	3.13E-05	7.34E-05
4016	624149.33	4265205.32	4.79E-04	1.65E-04	4.00E-04	1.23E-04	9.48E-05	3.16E-05	7.39E-05
4017	624158.42	4265201.7	4.82E-04	1.66E-04	4.03E-04	1.24E-04	9.54E-05	3.18E-05	7.44E-05
4018	624167.52	4265198.09	4.85E-04	1.67E-04	4.05E-04	1.25E-04	9.60E-05	3.19E-05	7.48E-05
4019	624176.61	4265194.47	4.87E-04	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05
4020	624185.7	4265190.85	4.89E-04	1.68E-04	4.09E-04	1.26E-04	9.68E-05	3.22E-05	7.55E-05
4021	624194.79	4265187.23	4.91E-04	1.69E-04	4.10E-04	1.26E-04	9.72E-05	3.23E-05	7.58E-05
4022	624203.89	4265183.61	4.92E-04	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.24E-05	7.60E-05
4023	624212.98	4265180	4.94E-04	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05
4024	624222.07	4265176.38	4.95E-04	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05
4025	624231.17	4265172.76	4.95E-04	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.64E-05
4026	624240.26	4265169.14	4.96E-04	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.66E-05
4027	624249.35	4265165.53	4.97E-04	1.71E-04	4.16E-04	1.28E-04	9.84E-05	3.28E-05	7.67E-05
4028	624258.44	4265161.91	4.98E-04	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05
4029	624267.54	4265158.29	4.99E-04	1.72E-04	4.17E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05
4030	624276.63	4265154.67	5.01E-04	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05
4031	624285.72	4265151.05	5.03E-04	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.75E-05
4032	624294.81	4265147.44	5.04E-04	1.73E-04	4.22E-04	1.30E-04	9.98E-05	3.32E-05	7.78E-05
4033	624303.91	4265143.82	5.06E-04	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.81E-05
4034	624313	4265140.2	5.09E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05
4035	624322.09	4265136.58	5.11E-04	1.76E-04	4.27E-04	1.32E-04	1.01E-04	3.37E-05	7.88E-05
4036	624331.19	4265132.96	5.14E-04	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.93E-05
4037	624340.28	4265129.35	5.16E-04	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05
4038	624349.37	4265125.73	5.19E-04	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05
4039	624358.46	4265122.11	5.22E-04	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.44E-05	8.05E-05
4040	623809.99	4265660.48	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05
4041	623809.84	4265670.38	4.07E-04	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05
4042	623809.7	4265680.27	4.09E-04	1.41E-04	3.42E-04	1.05E-04	8.10E-05	2.70E-05	6.31E-05
4043	623809.56	4265690.16	4.12E-04	1.42E-04	3.44E-04	1.06E-04	8.15E-05	2.71E-05	6.35E-05
4044	623809.42	4265700.05	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.38E-05
4045	623809.27	4265709.95	4.16E-04	1.43E-04	3.47E-04	1.07E-04	8.23E-05	2.74E-05	6.41E-05
4046	623809.13	4265719.84	4.17E-04	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05
4047	623808.99	4265729.73	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05
4048	623808.84	4265739.62	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05
4049	623808.7	4265749.52	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05
4050	623808.56	4265759.41	4.24E-04	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05
4051	623808.41	4265769.3	4.26E-04	1.47E-04	3.56E-04	1.10E-04	8.43E-05	2.81E-05	6.57E-05
4052	623808.27	4265779.19	4.28E-04	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05

4053	623808.13	4265789.09	4.30E-04	1.48E-04	3.60E-04	1.11E-04	8.52E-05	2.83E-05	6.64E-05
4054	623807.98	4265798.98	4.33E-04	1.49E-04	3.62E-04	1.11E-04	8.56E-05	2.85E-05	6.68E-05
4055	623807.84	4265808.87	4.35E-04	1.50E-04	3.64E-04	1.12E-04	8.62E-05	2.87E-05	6.72E-05
4056	623807.7	4265818.76	4.39E-04	1.51E-04	3.67E-04	1.13E-04	8.68E-05	2.89E-05	6.77E-05
4057	623807.55	4265828.66	4.42E-04	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05
4058	623807.41	4265838.55	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.83E-05	2.94E-05	6.88E-05
4059	623807.27	4265848.44	4.51E-04	1.55E-04	3.77E-04	1.16E-04	8.92E-05	2.97E-05	6.95E-05
4060	623807.13	4265858.33	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05
4061	623806.98	4265868.23	4.61E-04	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.03E-05	7.11E-05
4062	623806.84	4265878.12	4.66E-04	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05
4063	623806.7	4265888.01	4.71E-04	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.10E-05	7.27E-05
4064	623806.55	4265897.9	4.77E-04	1.64E-04	3.98E-04	1.23E-04	9.44E-05	3.14E-05	7.36E-05
4065	623806.41	4265907.8	4.82E-04	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05
4066	623806.27	4265917.69	4.88E-04	1.68E-04	4.08E-04	1.26E-04	9.66E-05	3.22E-05	7.53E-05
4067	623806.12	4265927.58	4.94E-04	1.70E-04	4.13E-04	1.27E-04	9.77E-05	3.25E-05	7.62E-05
4068	623805.98	4265937.47	4.99E-04	1.72E-04	4.17E-04	1.28E-04	9.88E-05	3.29E-05	7.70E-05
4069	623805.84	4265947.37	5.04E-04	1.73E-04	4.21E-04	1.30E-04	9.98E-05	3.32E-05	7.78E-05
4070	623805.69	4265957.26	5.09E-04	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.86E-05
4071	623763.86	4265650.79	3.68E-04	1.27E-04	3.08E-04	9.48E-05	7.29E-05	2.43E-05	5.68E-05
4072	623767.73	4265641.82	3.68E-04	1.27E-04	3.08E-04	9.49E-05	7.29E-05	2.43E-05	5.69E-05
4073	623771.59	4265632.85	3.69E-04	1.27E-04	3.08E-04	9.49E-05	7.30E-05	2.43E-05	5.69E-05
4074	623775.46	4265623.88	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05
4075	623779.33	4265614.91	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05
4076	623783.19	4265605.94	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05
4077	623787.06	4265596.98	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05
4078	623790.92	4265588.01	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05
4079	623794.79	4265579.04	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05
4080	623798.66	4265570.07	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05
4081	623802.52	4265561.1	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05
4082	623806.39	4265552.13	3.69E-04	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05
4083	623810.26	4265543.16	3.69E-04	1.27E-04	3.09E-04	9.50E-05	7.31E-05	2.43E-05	5.70E-05
4084	623814.12	4265534.19	3.69E-04	1.27E-04	3.09E-04	9.51E-05	7.31E-05	2.43E-05	5.70E-05
4085	623817.99	4265525.22	3.70E-04	1.27E-04	3.09E-04	9.52E-05	7.32E-05	2.44E-05	5.70E-05
4086	623821.86	4265516.25	3.70E-04	1.27E-04	3.09E-04	9.52E-05	7.32E-05	2.44E-05	5.71E-05
4087	623825.72	4265507.28	3.70E-04	1.27E-04	3.09E-04	9.53E-05	7.33E-05	2.44E-05	5.71E-05
4088	623829.59	4265498.31	3.71E-04	1.27E-04	3.10E-04	9.54E-05	7.34E-05	2.44E-05	5.72E-05
4089	623833.46	4265489.35	3.71E-04	1.28E-04	3.10E-04	9.55E-05	7.35E-05	2.45E-05	5.73E-05
4090	623837.32	4265480.38	3.72E-04	1.28E-04	3.11E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05
4091	623841.19	4265471.41	3.72E-04	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05
4092	623845.06	4265462.44	3.72E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.74E-05
4093	623848.92	4265453.47	3.73E-04	1.28E-04	3.11E-04	9.59E-05	7.38E-05	2.45E-05	5.75E-05
4094	623852.79	4265444.5	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05
4095	623856.66	4265435.53	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.76E-05
4096	623860.52	4265426.56	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.76E-05
4097	623864.39	4265417.59	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05
4098	623868.25	4265408.62	3.73E-04	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05
4099	623872.12	4265399.65	3.72E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05
4100	623875.99	4265390.68	3.72E-04	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.74E-05
4101	623879.85	4265381.72	3.71E-04	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05
4102	623883.72	4265372.75	3.70E-04	1.27E-04	3.10E-04	9.53E-05	7.33E-05	2.44E-05	5.71E-05
4103	623887.59	4265363.78	3.69E-04	1.27E-04	3.09E-04	9.51E-05	7.31E-05	2.43E-05	5.70E-05
4104	623891.45	4265354.81	3.68E-04	1.27E-04	3.08E-04	9.48E-05	7.29E-05	2.43E-05	5.68E-05

4105	623895.32	4265345.84	3.67E-04	1.26E-04	3.07E-04	9.46E-05	7.27E-05	2.42E-05	5.67E-05
4106	623899.19	4265336.87	3.66E-04	1.26E-04	3.06E-04	9.42E-05	7.25E-05	2.41E-05	5.65E-05
4107	623903.05	4265327.9	3.65E-04	1.25E-04	3.05E-04	9.39E-05	7.22E-05	2.40E-05	5.63E-05
4108	623906.92	4265318.93	3.64E-04	1.25E-04	3.04E-04	9.36E-05	7.20E-05	2.40E-05	5.61E-05
4109	623910.79	4265309.96	3.62E-04	1.25E-04	3.03E-04	9.33E-05	7.17E-05	2.39E-05	5.59E-05
4110	623914.65	4265300.99	3.61E-04	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.57E-05
4111	623918.52	4265292.02	3.60E-04	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.56E-05
4112	623922.39	4265283.05	3.59E-04	1.23E-04	3.00E-04	9.24E-05	7.10E-05	2.36E-05	5.54E-05
4113	623926.25	4265274.09	3.58E-04	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05
4114	623930.12	4265265.12	3.57E-04	1.23E-04	2.98E-04	9.19E-05	7.06E-05	2.35E-05	5.51E-05
4115	623933.99	4265256.15	3.56E-04	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05
4116	623937.85	4265247.18	3.55E-04	1.22E-04	2.97E-04	9.14E-05	7.02E-05	2.34E-05	5.48E-05
4117	623950.79	4265234.6	3.58E-04	1.23E-04	2.99E-04	9.22E-05	7.08E-05	2.36E-05	5.52E-05
4118	623959.87	4265230.99	3.62E-04	1.24E-04	3.03E-04	9.32E-05	7.17E-05	2.39E-05	5.59E-05
4119	623968.94	4265227.38	3.66E-04	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05
4120	623978.02	4265223.76	3.71E-04	1.27E-04	3.10E-04	9.54E-05	7.33E-05	2.44E-05	5.72E-05
4121	623987.09	4265220.15	3.75E-04	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.79E-05
4122	623996.17	4265216.54	3.80E-04	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05
4123	624005.24	4265212.93	3.84E-04	1.32E-04	3.21E-04	9.89E-05	7.60E-05	2.53E-05	5.93E-05
4124	624014.32	4265209.32	3.89E-04	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	6.00E-05
4125	624023.39	4265205.71	3.93E-04	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.07E-05
4126	624032.47	4265202.1	3.98E-04	1.37E-04	3.33E-04	1.03E-04	7.88E-05	2.62E-05	6.14E-05
4127	624041.54	4265198.49	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.22E-05
4128	624050.62	4265194.88	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.68E-05	6.29E-05
4129	624059.7	4265191.27	4.12E-04	1.42E-04	3.44E-04	1.06E-04	8.16E-05	2.71E-05	6.36E-05
4130	624068.77	4265187.66	4.17E-04	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.74E-05	6.43E-05
4131	624077.85	4265184.05	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05
4132	624086.92	4265180.43	4.25E-04	1.46E-04	3.55E-04	1.09E-04	8.41E-05	2.80E-05	6.56E-05
4133	624096	4265176.82	4.29E-04	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05
4134	624105.07	4265173.21	4.33E-04	1.49E-04	3.62E-04	1.11E-04	8.57E-05	2.85E-05	6.68E-05
4135	624114.15	4265169.6	4.36E-04	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.87E-05	6.73E-05
4136	624123.22	4265165.99	4.40E-04	1.51E-04	3.68E-04	1.13E-04	8.70E-05	2.90E-05	6.79E-05
4137	624132.3	4265162.38	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.84E-05
4138	624141.37	4265158.77	4.46E-04	1.53E-04	3.73E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05
4139	624150.45	4265155.16	4.48E-04	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05
4140	624159.52	4265151.55	4.50E-04	1.55E-04	3.76E-04	1.16E-04	8.91E-05	2.97E-05	6.95E-05
4141	624168.6	4265147.94	4.52E-04	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05
4142	624177.67	4265144.33	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.99E-05	6.99E-05
4143	624186.75	4265140.72	4.54E-04	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05
4144	624195.82	4265137.1	4.55E-04	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05
4145	624204.9	4265133.49	4.55E-04	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05
4146	624213.97	4265129.88	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05
4147	624223.05	4265126.27	4.56E-04	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.01E-05	7.04E-05
4148	624232.12	4265122.66	4.57E-04	1.57E-04	3.82E-04	1.18E-04	9.04E-05	3.01E-05	7.05E-05
4149	624241.2	4265119.05	4.57E-04	1.57E-04	3.82E-04	1.18E-04	9.05E-05	3.01E-05	7.05E-05
4150	624250.27	4265115.44	4.58E-04	1.57E-04	3.82E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05
4151	624259.35	4265111.83	4.58E-04	1.58E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05
4152	624268.42	4265108.22	4.59E-04	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05
4153	624277.5	4265104.61	4.60E-04	1.58E-04	3.85E-04	1.19E-04	9.11E-05	3.03E-05	7.10E-05
4154	624286.57	4265101	4.62E-04	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05
4155	624295.65	4265097.38	4.63E-04	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05
4156	624304.72	4265093.77	4.65E-04	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05

4157	624313.8	4265090.16	4.67E-04	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.20E-05
4158	624322.87	4265086.55	4.68E-04	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05
4159	624331.95	4265082.94	4.71E-04	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05
4160	624341.02	4265079.33	4.73E-04	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.11E-05	7.29E-05
4161	624350.1	4265075.72	4.75E-04	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.33E-05
4162	624359.17	4265072.11	4.77E-04	1.64E-04	3.99E-04	1.23E-04	9.44E-05	3.14E-05	7.36E-05
4163	623759.99	4265659.76	3.68E-04	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.67E-05
4164	623759.85	4265669.65	3.70E-04	1.27E-04	3.09E-04	9.52E-05	7.32E-05	2.44E-05	5.71E-05
4165	623759.71	4265679.55	3.72E-04	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.74E-05
4166	623759.56	4265689.44	3.74E-04	1.29E-04	3.12E-04	9.62E-05	7.40E-05	2.46E-05	5.77E-05
4167	623759.42	4265699.33	3.75E-04	1.29E-04	3.14E-04	9.67E-05	7.43E-05	2.47E-05	5.79E-05
4168	623759.28	4265709.22	3.77E-04	1.30E-04	3.15E-04	9.71E-05	7.46E-05	2.48E-05	5.82E-05
4169	623759.13	4265719.12	3.79E-04	1.30E-04	3.16E-04	9.75E-05	7.49E-05	2.49E-05	5.84E-05
4170	623758.99	4265729.01	3.80E-04	1.31E-04	3.18E-04	9.79E-05	7.52E-05	2.50E-05	5.86E-05
4171	623758.85	4265738.9	3.81E-04	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.89E-05
4172	623758.7	4265748.79	3.83E-04	1.32E-04	3.20E-04	9.86E-05	7.58E-05	2.52E-05	5.91E-05
4173	623758.56	4265758.69	3.84E-04	1.32E-04	3.21E-04	9.90E-05	7.61E-05	2.53E-05	5.93E-05
4174	623758.42	4265768.58	3.86E-04	1.33E-04	3.23E-04	9.93E-05	7.64E-05	2.54E-05	5.95E-05
4175	623758.28	4265778.47	3.88E-04	1.33E-04	3.24E-04	9.98E-05	7.67E-05	2.55E-05	5.98E-05
4176	623758.13	4265788.36	3.89E-04	1.34E-04	3.25E-04	1.00E-04	7.71E-05	2.57E-05	6.01E-05
4177	623757.99	4265798.26	3.91E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05
4178	623757.85	4265808.15	3.94E-04	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.08E-05
4179	623757.7	4265818.04	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.85E-05	2.61E-05	6.12E-05
4180	623757.56	4265827.93	3.99E-04	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05
4181	623757.42	4265837.83	4.03E-04	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05
4182	623757.27	4265847.72	4.06E-04	1.40E-04	3.40E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
4183	623757.13	4265857.61	4.10E-04	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05
4184	623756.99	4265867.5	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05
4185	623756.84	4265877.4	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.29E-05	2.76E-05	6.46E-05
4186	623756.7	4265887.29	4.23E-04	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05
4187	623756.56	4265897.18	4.28E-04	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.61E-05
4188	623756.41	4265907.07	4.33E-04	1.49E-04	3.62E-04	1.11E-04	8.57E-05	2.85E-05	6.68E-05
4189	623756.27	4265916.97	4.38E-04	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05
4190	623756.13	4265926.86	4.43E-04	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.83E-05
4191	623755.99	4265936.75	4.48E-04	1.54E-04	3.74E-04	1.15E-04	8.87E-05	2.95E-05	6.91E-05
4192	623755.84	4265946.64	4.53E-04	1.56E-04	3.79E-04	1.17E-04	8.96E-05	2.98E-05	6.99E-05
4193	623755.7	4265956.54	4.58E-04	1.57E-04	3.82E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05
4194	623713.86	4265650.08	3.36E-04	1.15E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.18E-05
4195	623717.72	4265641.13	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05
4196	623721.58	4265632.17	3.37E-04	1.16E-04	2.81E-04	8.67E-05	6.66E-05	2.22E-05	5.19E-05
4197	623725.44	4265623.22	3.37E-04	1.16E-04	2.82E-04	8.67E-05	6.67E-05	2.22E-05	5.20E-05
4198	623729.3	4265614.26	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05
4199	623733.16	4265605.31	3.37E-04	1.16E-04	2.82E-04	8.69E-05	6.68E-05	2.22E-05	5.21E-05
4200	623737.02	4265596.36	3.38E-04	1.16E-04	2.82E-04	8.69E-05	6.68E-05	2.22E-05	5.21E-05
4201	623740.88	4265587.4	3.38E-04	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05
4202	623744.74	4265578.45	3.38E-04	1.16E-04	2.83E-04	8.71E-05	6.69E-05	2.23E-05	5.22E-05
4203	623748.6	4265569.49	3.38E-04	1.16E-04	2.83E-04	8.71E-05	6.70E-05	2.23E-05	5.22E-05
4204	623752.46	4265560.54	3.39E-04	1.16E-04	2.83E-04	8.72E-05	6.70E-05	2.23E-05	5.23E-05
4205	623756.32	4265551.58	3.39E-04	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05
4206	623760.18	4265542.63	3.39E-04	1.17E-04	2.84E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05
4207	623764.04	4265533.67	3.40E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05
4208	623767.9	4265524.72	3.40E-04	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05

4209	623771.76	4265515.76	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05
4210	623775.62	4265506.81	3.41E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05
4211	623779.48	4265497.86	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05
4212	623783.34	4265488.9	3.42E-04	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05
4213	623787.2	4265479.95	3.42E-04	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.28E-05
4214	623791.06	4265470.99	3.42E-04	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.28E-05
4215	623794.92	4265462.04	3.43E-04	1.18E-04	2.87E-04	8.83E-05	6.79E-05	2.26E-05	5.29E-05
4216	623798.78	4265453.08	3.43E-04	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05
4217	623802.64	4265444.13	3.44E-04	1.18E-04	2.87E-04	8.85E-05	6.80E-05	2.26E-05	5.30E-05
4218	623806.5	4265435.17	3.44E-04	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05
4219	623810.36	4265426.22	3.44E-04	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.31E-05
4220	623814.22	4265417.26	3.44E-04	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05
4221	623818.08	4265408.31	3.45E-04	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05
4222	623821.94	4265399.36	3.44E-04	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05
4223	623825.8	4265390.4	3.44E-04	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05
4224	623829.66	4265381.45	3.44E-04	1.18E-04	2.87E-04	8.85E-05	6.81E-05	2.27E-05	5.31E-05
4225	623833.52	4265372.49	3.43E-04	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05
4226	623837.38	4265363.54	3.43E-04	1.18E-04	2.86E-04	8.82E-05	6.78E-05	2.26E-05	5.29E-05
4227	623841.24	4265354.58	3.42E-04	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.28E-05
4228	623845.1	4265345.63	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05
4229	623848.96	4265336.67	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05
4230	623852.82	4265327.72	3.39E-04	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05
4231	623856.69	4265318.76	3.38E-04	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05
4232	623860.55	4265309.81	3.37E-04	1.16E-04	2.81E-04	8.67E-05	6.66E-05	2.22E-05	5.19E-05
4233	623864.41	4265300.86	3.35E-04	1.15E-04	2.80E-04	8.63E-05	6.64E-05	2.21E-05	5.18E-05
4234	623868.27	4265291.9	3.34E-04	1.15E-04	2.79E-04	8.60E-05	6.61E-05	2.20E-05	5.16E-05
4235	623872.13	4265282.95	3.33E-04	1.14E-04	2.78E-04	8.57E-05	6.59E-05	2.19E-05	5.14E-05
4236	623875.99	4265273.99	3.32E-04	1.14E-04	2.77E-04	8.54E-05	6.56E-05	2.18E-05	5.12E-05
4237	623879.85	4265265.04	3.30E-04	1.14E-04	2.76E-04	8.51E-05	6.54E-05	2.18E-05	5.10E-05
4238	623883.71	4265256.08	3.29E-04	1.13E-04	2.75E-04	8.48E-05	6.52E-05	2.17E-05	5.08E-05
4239	623887.57	4265247.13	3.28E-04	1.13E-04	2.74E-04	8.45E-05	6.49E-05	2.16E-05	5.06E-05
4240	623891.43	4265238.17	3.27E-04	1.12E-04	2.73E-04	8.42E-05	6.47E-05	2.15E-05	5.05E-05
4241	623895.29	4265229.22	3.26E-04	1.12E-04	2.73E-04	8.40E-05	6.45E-05	2.15E-05	5.03E-05
4242	623899.15	4265220.26	3.25E-04	1.12E-04	2.72E-04	8.37E-05	6.44E-05	2.14E-05	5.02E-05
4243	623903.01	4265211.31	3.24E-04	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.01E-05
4244	623915.93	4265198.75	3.27E-04	1.13E-04	2.74E-04	8.43E-05	6.48E-05	2.16E-05	5.05E-05
4245	623924.99	4265195.15	3.31E-04	1.14E-04	2.77E-04	8.53E-05	6.55E-05	2.18E-05	5.11E-05
4246	623934.05	4265191.54	3.35E-04	1.15E-04	2.80E-04	8.63E-05	6.63E-05	2.21E-05	5.17E-05
4247	623943.11	4265187.94	3.39E-04	1.17E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05
4248	623952.17	4265184.33	3.43E-04	1.18E-04	2.87E-04	8.83E-05	6.78E-05	2.26E-05	5.29E-05
4249	623961.23	4265180.73	3.47E-04	1.19E-04	2.90E-04	8.93E-05	6.86E-05	2.28E-05	5.35E-05
4250	623970.29	4265177.12	3.51E-04	1.21E-04	2.93E-04	9.03E-05	6.94E-05	2.31E-05	5.41E-05
4251	623979.35	4265173.52	3.55E-04	1.22E-04	2.97E-04	9.14E-05	7.03E-05	2.34E-05	5.48E-05
4252	623988.41	4265169.91	3.59E-04	1.24E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05
4253	623997.47	4265166.31	3.63E-04	1.25E-04	3.04E-04	9.36E-05	7.19E-05	2.39E-05	5.61E-05
4254	624006.53	4265162.7	3.68E-04	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.67E-05
4255	624015.59	4265159.1	3.72E-04	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05
4256	624024.65	4265155.49	3.76E-04	1.29E-04	3.14E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05
4257	624033.71	4265151.89	3.80E-04	1.31E-04	3.18E-04	9.79E-05	7.53E-05	2.51E-05	5.87E-05
4258	624042.77	4265148.28	3.84E-04	1.32E-04	3.21E-04	9.90E-05	7.61E-05	2.53E-05	5.93E-05
4259	624051.83	4265144.68	3.88E-04	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	5.99E-05
4260	624060.89	4265141.07	3.92E-04	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.58E-05	6.05E-05

4261	624069.95	4265137.47	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05
4262	624079.01	4265133.86	4.00E-04	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.16E-05
4263	624088.07	4265130.26	4.03E-04	1.39E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.22E-05
4264	624097.13	4265126.65	4.06E-04	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05
4265	624106.19	4265123.05	4.09E-04	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05
4266	624115.25	4265119.44	4.11E-04	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.35E-05
4267	624124.31	4265115.84	4.14E-04	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.38E-05
4268	624133.37	4265112.23	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.23E-05	2.74E-05	6.42E-05
4269	624142.44	4265108.63	4.18E-04	1.44E-04	3.49E-04	1.08E-04	8.27E-05	2.75E-05	6.45E-05
4270	624151.5	4265105.02	4.19E-04	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05
4271	624160.56	4265101.42	4.20E-04	1.44E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.48E-05
4272	624169.62	4265097.81	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05
4273	624178.68	4265094.21	4.21E-04	1.45E-04	3.52E-04	1.08E-04	8.34E-05	2.78E-05	6.50E-05
4274	624187.74	4265090.6	4.22E-04	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.50E-05
4275	624196.8	4265087	4.22E-04	1.45E-04	3.52E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05
4276	624205.86	4265083.39	4.22E-04	1.45E-04	3.52E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05
4277	624214.92	4265079.79	4.22E-04	1.45E-04	3.52E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05
4278	624223.98	4265076.18	4.22E-04	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.51E-05
4279	624233.04	4265072.58	4.22E-04	1.45E-04	3.52E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05
4280	624242.1	4265068.97	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.35E-05	2.78E-05	6.51E-05
4281	624251.16	4265065.37	4.22E-04	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.51E-05
4282	624260.22	4265061.76	4.23E-04	1.45E-04	3.53E-04	1.09E-04	8.37E-05	2.78E-05	6.52E-05
4283	624269.28	4265058.16	4.23E-04	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05
4284	624278.34	4265054.55	4.24E-04	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05
4285	624287.4	4265050.95	4.25E-04	1.46E-04	3.55E-04	1.09E-04	8.42E-05	2.80E-05	6.56E-05
4286	624296.46	4265047.34	4.26E-04	1.47E-04	3.56E-04	1.10E-04	8.44E-05	2.81E-05	6.58E-05
4287	624305.52	4265043.74	4.28E-04	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05
4288	624314.58	4265040.13	4.29E-04	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.62E-05
4289	624323.64	4265036.53	4.31E-04	1.48E-04	3.60E-04	1.11E-04	8.53E-05	2.84E-05	6.65E-05
4290	624332.7	4265032.92	4.33E-04	1.49E-04	3.62E-04	1.11E-04	8.56E-05	2.85E-05	6.67E-05
4291	624341.76	4265029.32	4.34E-04	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05
4292	624350.82	4265025.71	4.36E-04	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.87E-05	6.73E-05
4293	624359.88	4265022.11	4.38E-04	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05
4294	623710	4265659.04	3.35E-04	1.15E-04	2.80E-04	8.63E-05	6.64E-05	2.21E-05	5.17E-05
4295	623709.85	4265668.93	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05
4296	623709.71	4265678.82	3.39E-04	1.17E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05
4297	623709.57	4265688.71	3.40E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.25E-05
4298	623709.43	4265698.61	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05
4299	623709.28	4265708.5	3.43E-04	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05
4300	623709.14	4265718.39	3.45E-04	1.19E-04	2.88E-04	8.88E-05	6.83E-05	2.27E-05	5.32E-05
4301	623709	4265728.28	3.46E-04	1.19E-04	2.89E-04	8.91E-05	6.85E-05	2.28E-05	5.34E-05
4302	623708.85	4265738.18	3.47E-04	1.19E-04	2.90E-04	8.94E-05	6.88E-05	2.29E-05	5.36E-05
4303	623708.71	4265748.07	3.49E-04	1.20E-04	2.91E-04	8.98E-05	6.90E-05	2.30E-05	5.38E-05
4304	623708.57	4265757.96	3.50E-04	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05
4305	623708.42	4265767.85	3.51E-04	1.21E-04	2.94E-04	9.05E-05	6.96E-05	2.32E-05	5.42E-05
4306	623708.28	4265777.75	3.53E-04	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05
4307	623708.14	4265787.64	3.55E-04	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05
4308	623707.99	4265797.53	3.56E-04	1.23E-04	2.98E-04	9.18E-05	7.05E-05	2.35E-05	5.50E-05
4309	623707.85	4265807.42	3.58E-04	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05
4310	623707.71	4265817.32	3.61E-04	1.24E-04	3.02E-04	9.29E-05	7.14E-05	2.38E-05	5.57E-05
4311	623707.56	4265827.21	3.63E-04	1.25E-04	3.04E-04	9.36E-05	7.19E-05	2.39E-05	5.61E-05
4312	623707.42	4265837.1	3.66E-04	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05

4313	623707.28	4265846.99	3.69E-04	1.27E-04	3.09E-04	9.50E-05	7.31E-05	2.43E-05	5.70E-05
4314	623707.14	4265856.89	3.72E-04	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05
4315	623706.99	4265866.78	3.76E-04	1.29E-04	3.14E-04	9.68E-05	7.44E-05	2.48E-05	5.80E-05
4316	623706.85	4265876.67	3.80E-04	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05
4317	623706.71	4265886.56	3.83E-04	1.32E-04	3.21E-04	9.87E-05	7.59E-05	2.53E-05	5.92E-05
4318	623706.56	4265896.46	3.87E-04	1.33E-04	3.24E-04	9.98E-05	7.67E-05	2.55E-05	5.98E-05
4319	623706.42	4265906.35	3.92E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05
4320	623706.28	4265916.24	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05
4321	623706.13	4265926.13	4.00E-04	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.64E-05	6.17E-05
4322	623705.99	4265936.03	4.04E-04	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05
4323	623705.85	4265945.92	4.08E-04	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05
4324	623705.7	4265955.81	4.12E-04	1.42E-04	3.45E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05
4325	623705.56	4265965.7	4.16E-04	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05
4326	623663.86	4265649.37	3.08E-04	1.06E-04	2.58E-04	7.94E-05	6.10E-05	2.03E-05	4.76E-05
4327	623667.71	4265640.43	3.09E-04	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.03E-05	4.76E-05
4328	623671.57	4265631.49	3.09E-04	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05
4329	623675.42	4265622.55	3.09E-04	1.06E-04	2.59E-04	7.97E-05	6.12E-05	2.04E-05	4.77E-05
4330	623679.28	4265613.6	3.10E-04	1.06E-04	2.59E-04	7.97E-05	6.13E-05	2.04E-05	4.78E-05
4331	623683.13	4265604.66	3.10E-04	1.07E-04	2.59E-04	7.98E-05	6.13E-05	2.04E-05	4.78E-05
4332	623686.99	4265595.72	3.10E-04	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.04E-05	4.79E-05
4333	623690.84	4265586.78	3.10E-04	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.05E-05	4.79E-05
4334	623694.7	4265577.84	3.11E-04	1.07E-04	2.60E-04	8.00E-05	6.15E-05	2.05E-05	4.79E-05
4335	623698.55	4265568.89	3.11E-04	1.07E-04	2.60E-04	8.00E-05	6.15E-05	2.05E-05	4.80E-05
4336	623702.41	4265559.95	3.11E-04	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05
4337	623706.26	4265551.01	3.12E-04	1.07E-04	2.60E-04	8.02E-05	6.17E-05	2.05E-05	4.81E-05
4338	623710.12	4265542.07	3.12E-04	1.07E-04	2.61E-04	8.03E-05	6.17E-05	2.06E-05	4.81E-05
4339	623713.97	4265533.13	3.12E-04	1.07E-04	2.61E-04	8.04E-05	6.18E-05	2.06E-05	4.82E-05
4340	623717.83	4265524.18	3.13E-04	1.08E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.83E-05
4341	623721.68	4265515.24	3.13E-04	1.08E-04	2.62E-04	8.06E-05	6.20E-05	2.06E-05	4.83E-05
4342	623725.53	4265506.3	3.14E-04	1.08E-04	2.62E-04	8.08E-05	6.21E-05	2.07E-05	4.84E-05
4343	623729.39	4265497.36	3.14E-04	1.08E-04	2.63E-04	8.09E-05	6.22E-05	2.07E-05	4.85E-05
4344	623733.24	4265488.42	3.15E-04	1.08E-04	2.63E-04	8.11E-05	6.23E-05	2.08E-05	4.86E-05
4345	623737.1	4265479.47	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05
4346	623740.95	4265470.53	3.16E-04	1.09E-04	2.64E-04	8.14E-05	6.26E-05	2.08E-05	4.88E-05
4347	623744.81	4265461.59	3.17E-04	1.09E-04	2.65E-04	8.16E-05	6.27E-05	2.09E-05	4.89E-05
4348	623748.66	4265452.65	3.18E-04	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05
4349	623752.52	4265443.71	3.18E-04	1.09E-04	2.66E-04	8.19E-05	6.30E-05	2.10E-05	4.91E-05
4350	623756.37	4265434.76	3.19E-04	1.10E-04	2.66E-04	8.20E-05	6.31E-05	2.10E-05	4.92E-05
4351	623760.23	4265425.82	3.19E-04	1.10E-04	2.67E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05
4352	623764.08	4265416.88	3.19E-04	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05
4353	623767.94	4265407.94	3.20E-04	1.10E-04	2.67E-04	8.23E-05	6.32E-05	2.11E-05	4.93E-05
4354	623771.79	4265399	3.20E-04	1.10E-04	2.67E-04	8.23E-05	6.33E-05	2.11E-05	4.93E-05
4355	623775.65	4265390.05	3.20E-04	1.10E-04	2.67E-04	8.23E-05	6.33E-05	2.11E-05	4.93E-05
4356	623779.5	4265381.11	3.20E-04	1.10E-04	2.67E-04	8.23E-05	6.33E-05	2.11E-05	4.93E-05
4357	623783.36	4265372.17	3.20E-04	1.10E-04	2.67E-04	8.23E-05	6.32E-05	2.11E-05	4.93E-05
4358	623787.21	4265363.23	3.19E-04	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05
4359	623791.07	4265354.29	3.19E-04	1.10E-04	2.66E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05
4360	623794.92	4265345.34	3.18E-04	1.09E-04	2.66E-04	8.19E-05	6.30E-05	2.10E-05	4.91E-05
4361	623798.78	4265336.4	3.17E-04	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05
4362	623802.63	4265327.46	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.88E-05
4363	623806.49	4265318.52	3.16E-04	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05
4364	623810.34	4265309.58	3.15E-04	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.85E-05

4365	623814.19	4265300.63	3.13E-04	1.08E-04	2.62E-04	8.07E-05	6.20E-05	2.07E-05	4.84E-05
4366	623818.05	4265291.69	3.12E-04	1.07E-04	2.61E-04	8.04E-05	6.18E-05	2.06E-05	4.82E-05
4367	623821.9	4265282.75	3.11E-04	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05
4368	623825.76	4265273.81	3.10E-04	1.07E-04	2.59E-04	7.98E-05	6.13E-05	2.04E-05	4.78E-05
4369	623829.61	4265264.87	3.09E-04	1.06E-04	2.58E-04	7.94E-05	6.11E-05	2.03E-05	4.76E-05
4370	623833.47	4265255.92	3.07E-04	1.06E-04	2.57E-04	7.91E-05	6.08E-05	2.02E-05	4.74E-05
4371	623837.32	4265246.98	3.06E-04	1.05E-04	2.56E-04	7.88E-05	6.06E-05	2.02E-05	4.72E-05
4372	623841.18	4265238.04	3.05E-04	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05
4373	623845.03	4265229.1	3.04E-04	1.04E-04	2.54E-04	7.82E-05	6.01E-05	2.00E-05	4.69E-05
4374	623848.89	4265220.16	3.03E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05
4375	623852.74	4265211.21	3.02E-04	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.65E-05
4376	623856.6	4265202.27	3.01E-04	1.03E-04	2.51E-04	7.74E-05	5.95E-05	1.98E-05	4.64E-05
4377	623860.45	4265193.33	3.00E-04	1.03E-04	2.51E-04	7.72E-05	5.94E-05	1.98E-05	4.63E-05
4378	623864.31	4265184.39	2.99E-04	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.62E-05
4379	623868.16	4265175.45	2.98E-04	1.03E-04	2.49E-04	7.68E-05	5.91E-05	1.97E-05	4.61E-05
4380	623881.06	4265162.9	3.01E-04	1.03E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.64E-05
4381	623890.11	4265159.3	3.04E-04	1.05E-04	2.54E-04	7.83E-05	6.02E-05	2.00E-05	4.69E-05
4382	623899.16	4265155.7	3.07E-04	1.06E-04	2.57E-04	7.92E-05	6.09E-05	2.03E-05	4.74E-05
4383	623908.21	4265152.1	3.11E-04	1.07E-04	2.60E-04	8.00E-05	6.15E-05	2.05E-05	4.80E-05
4384	623917.25	4265148.5	3.15E-04	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.85E-05
4385	623926.3	4265144.9	3.18E-04	1.09E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05
4386	623935.35	4265141.3	3.22E-04	1.11E-04	2.69E-04	8.29E-05	6.38E-05	2.12E-05	4.97E-05
4387	623944.4	4265137.7	3.26E-04	1.12E-04	2.72E-04	8.39E-05	6.45E-05	2.15E-05	5.03E-05
4388	623953.45	4265134.1	3.30E-04	1.13E-04	2.76E-04	8.49E-05	6.52E-05	2.17E-05	5.09E-05
4389	623962.49	4265130.5	3.33E-04	1.15E-04	2.79E-04	8.58E-05	6.60E-05	2.20E-05	5.15E-05
4390	623971.54	4265126.9	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.68E-05	2.22E-05	5.21E-05
4391	623980.59	4265123.3	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05
4392	623989.64	4265119.7	3.45E-04	1.19E-04	2.88E-04	8.88E-05	6.83E-05	2.27E-05	5.32E-05
4393	623998.68	4265116.1	3.49E-04	1.20E-04	2.92E-04	8.98E-05	6.91E-05	2.30E-05	5.38E-05
4394	624007.73	4265112.5	3.53E-04	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05
4395	624016.78	4265108.9	3.56E-04	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05
4396	624025.83	4265105.3	3.60E-04	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.56E-05
4397	624034.87	4265101.7	3.64E-04	1.25E-04	3.04E-04	9.36E-05	7.20E-05	2.40E-05	5.61E-05
4398	624043.92	4265098.1	3.67E-04	1.26E-04	3.07E-04	9.45E-05	7.27E-05	2.42E-05	5.66E-05
4399	624052.97	4265094.5	3.70E-04	1.27E-04	3.10E-04	9.54E-05	7.33E-05	2.44E-05	5.72E-05
4400	624062.02	4265090.9	3.73E-04	1.28E-04	3.12E-04	9.62E-05	7.39E-05	2.46E-05	5.76E-05
4401	624071.06	4265087.3	3.76E-04	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05
4402	624080.11	4265083.7	3.79E-04	1.30E-04	3.17E-04	9.76E-05	7.50E-05	2.50E-05	5.85E-05
4403	624089.16	4265080.1	3.82E-04	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.89E-05
4404	624098.21	4265076.51	3.84E-04	1.32E-04	3.21E-04	9.88E-05	7.60E-05	2.53E-05	5.92E-05
4405	624107.25	4265072.91	3.86E-04	1.33E-04	3.22E-04	9.93E-05	7.63E-05	2.54E-05	5.95E-05
4406	624116.3	4265069.31	3.87E-04	1.33E-04	3.24E-04	9.97E-05	7.67E-05	2.55E-05	5.98E-05
4407	624125.35	4265065.71	3.89E-04	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	6.00E-05
4408	624134.4	4265062.11	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.01E-05
4409	624143.45	4265058.51	3.91E-04	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05
4410	624152.49	4265054.91	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.03E-05
4411	624161.54	4265051.31	3.92E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05
4412	624170.59	4265047.71	3.92E-04	1.35E-04	3.27E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05
4413	624179.64	4265044.11	3.92E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05
4414	624188.68	4265040.51	3.91E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05
4415	624197.73	4265036.91	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.03E-05
4416	624206.78	4265033.31	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05

4417	624215.83	4265029.71	3.90E-04	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05
4418	624224.87	4265026.11	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05
4419	624233.92	4265022.51	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05
4420	624242.97	4265018.91	3.90E-04	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05
4421	624252.02	4265015.31	3.90E-04	1.34E-04	3.26E-04	1.01E-04	7.73E-05	2.57E-05	6.02E-05
4422	624261.06	4265011.71	3.91E-04	1.34E-04	3.27E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05
4423	624270.11	4265008.11	3.91E-04	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05
4424	624279.16	4265004.51	3.92E-04	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05
4425	624288.21	4265000.91	3.93E-04	1.35E-04	3.28E-04	1.01E-04	7.78E-05	2.59E-05	6.06E-05
4426	624297.25	4264997.31	3.94E-04	1.35E-04	3.29E-04	1.01E-04	7.80E-05	2.60E-05	6.08E-05
4427	624306.3	4264993.71	3.95E-04	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.10E-05
4428	624315.35	4264990.11	3.96E-04	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05
4429	624324.4	4264986.51	3.98E-04	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.13E-05
4430	624333.45	4264982.91	3.99E-04	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05
4431	624342.49	4264979.31	4.01E-04	1.38E-04	3.35E-04	1.03E-04	7.93E-05	2.64E-05	6.18E-05
4432	624351.54	4264975.71	4.02E-04	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05
4433	624360.59	4264972.11	4.04E-04	1.39E-04	3.38E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
4434	623660	4265658.31	3.08E-04	1.06E-04	2.57E-04	7.93E-05	6.10E-05	2.03E-05	4.75E-05
4435	623659.86	4265668.21	3.10E-04	1.06E-04	2.59E-04	7.97E-05	6.13E-05	2.04E-05	4.78E-05
4436	623659.72	4265678.1	3.11E-04	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05
4437	623659.57	4265687.99	3.13E-04	1.07E-04	2.61E-04	8.05E-05	6.19E-05	2.06E-05	4.82E-05
4438	623659.43	4265697.88	3.14E-04	1.08E-04	2.62E-04	8.08E-05	6.21E-05	2.07E-05	4.84E-05
4439	623659.29	4265707.78	3.15E-04	1.08E-04	2.64E-04	8.12E-05	6.24E-05	2.08E-05	4.86E-05
4440	623659.14	4265717.67	3.17E-04	1.09E-04	2.65E-04	8.15E-05	6.27E-05	2.09E-05	4.88E-05
4441	623659	4265727.56	3.18E-04	1.09E-04	2.66E-04	8.18E-05	6.29E-05	2.09E-05	4.90E-05
4442	623658.86	4265737.45	3.19E-04	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.92E-05
4443	623658.72	4265747.35	3.20E-04	1.10E-04	2.68E-04	8.25E-05	6.34E-05	2.11E-05	4.94E-05
4444	623658.57	4265757.24	3.22E-04	1.11E-04	2.69E-04	8.28E-05	6.37E-05	2.12E-05	4.96E-05
4445	623658.43	4265767.13	3.23E-04	1.11E-04	2.70E-04	8.32E-05	6.39E-05	2.13E-05	4.98E-05
4446	623658.29	4265777.02	3.24E-04	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.00E-05
4447	623658.14	4265786.92	3.26E-04	1.12E-04	2.72E-04	8.39E-05	6.45E-05	2.15E-05	5.03E-05
4448	623658	4265796.81	3.27E-04	1.13E-04	2.74E-04	8.43E-05	6.48E-05	2.16E-05	5.05E-05
4449	623657.86	4265806.7	3.29E-04	1.13E-04	2.75E-04	8.48E-05	6.52E-05	2.17E-05	5.08E-05
4450	623657.71	4265816.59	3.31E-04	1.14E-04	2.77E-04	8.52E-05	6.55E-05	2.18E-05	5.11E-05
4451	623657.57	4265826.49	3.33E-04	1.15E-04	2.78E-04	8.58E-05	6.59E-05	2.20E-05	5.14E-05
4452	623657.43	4265836.38	3.35E-04	1.15E-04	2.80E-04	8.64E-05	6.64E-05	2.21E-05	5.18E-05
4453	623657.28	4265846.27	3.38E-04	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05
4454	623657.14	4265856.16	3.41E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05
4455	623657	4265866.06	3.43E-04	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05
4456	623656.85	4265875.95	3.46E-04	1.19E-04	2.90E-04	8.92E-05	6.86E-05	2.28E-05	5.35E-05
4457	623656.71	4265885.84	3.50E-04	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.40E-05
4458	623656.57	4265895.73	3.53E-04	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05
4459	623656.43	4265905.63	3.56E-04	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05
4460	623656.28	4265915.52	3.60E-04	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.55E-05
4461	623656.14	4265925.41	3.64E-04	1.25E-04	3.04E-04	9.36E-05	7.20E-05	2.40E-05	5.61E-05
4462	623656	4265935.3	3.67E-04	1.26E-04	3.07E-04	9.45E-05	7.27E-05	2.42E-05	5.67E-05
4463	623655.85	4265945.2	3.71E-04	1.27E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.72E-05
4464	623655.71	4265955.09	3.74E-04	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05
4465	623655.57	4265964.98	3.78E-04	1.30E-04	3.16E-04	9.72E-05	7.48E-05	2.49E-05	5.83E-05
4466	623655.42	4265974.87	3.81E-04	1.31E-04	3.18E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05
4467	623638.18	4265475.55	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05
4468	623642.08	4265466.49	2.71E-04	9.34E-05	2.27E-04	6.99E-05	5.37E-05	1.79E-05	4.19E-05

4469	623645.99	4265457.42	2.72E-04	9.36E-05	2.28E-04	7.01E-05	5.39E-05	1.79E-05	4.20E-05
4470	623649.9	4265448.36	2.73E-04	9.38E-05	2.28E-04	7.03E-05	5.40E-05	1.80E-05	4.21E-05
4471	623653.81	4265439.29	2.74E-04	9.41E-05	2.29E-04	7.04E-05	5.42E-05	1.80E-05	4.22E-05
4472	623657.72	4265430.23	2.74E-04	9.43E-05	2.29E-04	7.06E-05	5.43E-05	1.81E-05	4.23E-05
4473	623661.62	4265421.16	2.75E-04	9.45E-05	2.30E-04	7.08E-05	5.44E-05	1.81E-05	4.24E-05
4474	623665.53	4265412.09	2.76E-04	9.48E-05	2.30E-04	7.09E-05	5.45E-05	1.82E-05	4.25E-05
4475	623669.44	4265403.03	2.76E-04	9.50E-05	2.31E-04	7.11E-05	5.47E-05	1.82E-05	4.26E-05
4476	623673.35	4265393.96	2.77E-04	9.52E-05	2.31E-04	7.13E-05	5.48E-05	1.82E-05	4.27E-05
4477	623677.26	4265384.9	2.77E-04	9.54E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05
4478	623681.16	4265375.83	2.78E-04	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.29E-05
4479	623685.07	4265366.77	2.78E-04	9.56E-05	2.32E-04	7.16E-05	5.50E-05	1.83E-05	4.29E-05
4480	623688.98	4265357.7	2.78E-04	9.57E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.29E-05
4481	623692.89	4265348.64	2.78E-04	9.58E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.30E-05
4482	623696.8	4265339.57	2.78E-04	9.57E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.30E-05
4483	623700.7	4265330.5	2.78E-04	9.57E-05	2.32E-04	7.16E-05	5.51E-05	1.83E-05	4.29E-05
4484	623704.61	4265321.44	2.78E-04	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.29E-05
4485	623708.52	4265312.37	2.77E-04	9.54E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05
4486	623712.43	4265303.31	2.77E-04	9.52E-05	2.31E-04	7.13E-05	5.48E-05	1.82E-05	4.27E-05
4487	623716.34	4265294.24	2.76E-04	9.49E-05	2.31E-04	7.11E-05	5.46E-05	1.82E-05	4.26E-05
4488	623720.25	4265285.18	2.75E-04	9.46E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05
4489	623724.15	4265276.11	2.74E-04	9.43E-05	2.29E-04	7.06E-05	5.43E-05	1.81E-05	4.23E-05
4490	623728.06	4265267.04	2.73E-04	9.40E-05	2.28E-04	7.03E-05	5.41E-05	1.80E-05	4.22E-05
4491	623731.97	4265257.98	2.72E-04	9.36E-05	2.27E-04	7.01E-05	5.39E-05	1.79E-05	4.20E-05
4492	623735.88	4265248.91	2.71E-04	9.32E-05	2.26E-04	6.98E-05	5.36E-05	1.79E-05	4.18E-05
4493	623739.79	4265239.85	2.70E-04	9.28E-05	2.25E-04	6.94E-05	5.34E-05	1.78E-05	4.16E-05
4494	623743.69	4265230.78	2.68E-04	9.23E-05	2.24E-04	6.91E-05	5.31E-05	1.77E-05	4.14E-05
4495	623747.6	4265221.72	2.67E-04	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.12E-05
4496	623751.51	4265212.65	2.66E-04	9.15E-05	2.22E-04	6.85E-05	5.27E-05	1.75E-05	4.10E-05
4497	623755.42	4265203.59	2.65E-04	9.11E-05	2.21E-04	6.82E-05	5.24E-05	1.74E-05	4.09E-05
4498	623759.33	4265194.52	2.64E-04	9.07E-05	2.20E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05
4499	623763.23	4265185.45	2.63E-04	9.03E-05	2.20E-04	6.76E-05	5.20E-05	1.73E-05	4.05E-05
4500	623767.14	4265176.39	2.62E-04	8.99E-05	2.19E-04	6.73E-05	5.18E-05	1.72E-05	4.04E-05
4501	623771.05	4265167.32	2.61E-04	8.96E-05	2.18E-04	6.71E-05	5.16E-05	1.72E-05	4.02E-05
4502	623774.96	4265158.26	2.60E-04	8.93E-05	2.17E-04	6.69E-05	5.14E-05	1.71E-05	4.01E-05
4503	623778.87	4265149.19	2.59E-04	8.90E-05	2.16E-04	6.67E-05	5.12E-05	1.71E-05	4.00E-05
4504	623782.77	4265140.13	2.58E-04	8.88E-05	2.16E-04	6.65E-05	5.11E-05	1.70E-05	3.98E-05
4505	623786.68	4265131.06	2.57E-04	8.85E-05	2.15E-04	6.63E-05	5.10E-05	1.70E-05	3.97E-05
4506	623790.59	4265121.99	2.57E-04	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05
4507	623794.5	4265112.93	2.56E-04	8.81E-05	2.14E-04	6.60E-05	5.07E-05	1.69E-05	3.95E-05
4508	623798.41	4265103.86	2.56E-04	8.80E-05	2.14E-04	6.59E-05	5.06E-05	1.69E-05	3.95E-05
4509	623811.49	4265091.15	2.58E-04	8.87E-05	2.16E-04	6.64E-05	5.11E-05	1.70E-05	3.98E-05
4510	623820.66	4265087.5	2.61E-04	8.96E-05	2.18E-04	6.71E-05	5.16E-05	1.72E-05	4.02E-05
4511	623829.83	4265083.85	2.63E-04	9.06E-05	2.20E-04	6.78E-05	5.21E-05	1.73E-05	4.06E-05
4512	623839.01	4265080.2	2.66E-04	9.15E-05	2.22E-04	6.85E-05	5.27E-05	1.75E-05	4.11E-05
4513	623848.18	4265076.55	2.69E-04	9.25E-05	2.25E-04	6.93E-05	5.32E-05	1.77E-05	4.15E-05
4514	623857.35	4265072.9	2.72E-04	9.35E-05	2.27E-04	7.00E-05	5.38E-05	1.79E-05	4.20E-05
4515	623866.52	4265069.25	2.75E-04	9.46E-05	2.30E-04	7.08E-05	5.44E-05	1.81E-05	4.24E-05
4516	623875.7	4265065.6	2.78E-04	9.56E-05	2.32E-04	7.16E-05	5.50E-05	1.83E-05	4.29E-05
4517	623884.87	4265061.95	2.81E-04	9.67E-05	2.35E-04	7.24E-05	5.57E-05	1.85E-05	4.34E-05
4518	623894.04	4265058.3	2.84E-04	9.78E-05	2.38E-04	7.32E-05	5.63E-05	1.87E-05	4.39E-05
4519	623903.21	4265054.65	2.88E-04	9.89E-05	2.40E-04	7.40E-05	5.69E-05	1.89E-05	4.44E-05
4520	623912.39	4265051	2.91E-04	1.00E-04	2.43E-04	7.49E-05	5.76E-05	1.92E-05	4.49E-05

4521	623921.56	4265047.35	2.94E-04	1.01E-04	2.46E-04	7.57E-05	5.82E-05	1.94E-05	4.54E-05
4522	623930.73	4265043.7	2.97E-04	1.02E-04	2.49E-04	7.66E-05	5.89E-05	1.96E-05	4.59E-05
4523	623939.91	4265040.05	3.01E-04	1.03E-04	2.51E-04	7.74E-05	5.95E-05	1.98E-05	4.64E-05
4524	623949.08	4265036.4	3.04E-04	1.05E-04	2.54E-04	7.83E-05	6.02E-05	2.00E-05	4.69E-05
4525	623958.25	4265032.75	3.08E-04	1.06E-04	2.57E-04	7.92E-05	6.09E-05	2.03E-05	4.74E-05
4526	623967.42	4265029.1	3.11E-04	1.07E-04	2.60E-04	8.00E-05	6.15E-05	2.05E-05	4.80E-05
4527	623976.6	4265025.45	3.14E-04	1.08E-04	2.62E-04	8.08E-05	6.21E-05	2.07E-05	4.84E-05
4528	623985.77	4265021.8	3.17E-04	1.09E-04	2.65E-04	8.16E-05	6.27E-05	2.09E-05	4.89E-05
4529	623994.94	4265018.15	3.20E-04	1.10E-04	2.67E-04	8.24E-05	6.33E-05	2.11E-05	4.94E-05
4530	624004.11	4265014.5	3.23E-04	1.11E-04	2.70E-04	8.31E-05	6.39E-05	2.13E-05	4.98E-05
4531	624013.29	4265010.85	3.25E-04	1.12E-04	2.72E-04	8.38E-05	6.44E-05	2.14E-05	5.02E-05
4532	624022.46	4265007.21	3.28E-04	1.13E-04	2.74E-04	8.45E-05	6.49E-05	2.16E-05	5.06E-05
4533	624031.63	4265003.56	3.30E-04	1.14E-04	2.76E-04	8.51E-05	6.54E-05	2.18E-05	5.10E-05
4534	624040.8	4264999.91	3.33E-04	1.14E-04	2.78E-04	8.56E-05	6.58E-05	2.19E-05	5.13E-05
4535	624049.98	4264996.26	3.35E-04	1.15E-04	2.80E-04	8.62E-05	6.63E-05	2.21E-05	5.16E-05
4536	624059.15	4264992.61	3.37E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05
4537	624068.32	4264988.96	3.38E-04	1.16E-04	2.83E-04	8.70E-05	6.69E-05	2.23E-05	5.22E-05
4538	624077.5	4264985.31	3.39E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05
4539	624086.67	4264981.66	3.40E-04	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.25E-05
4540	624095.84	4264978.01	3.41E-04	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05
4541	624105.01	4264974.36	3.42E-04	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.27E-05
4542	624114.19	4264970.71	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05
4543	624123.36	4264967.06	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05
4544	624132.53	4264963.41	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05
4545	624141.7	4264959.76	3.42E-04	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05
4546	624150.88	4264956.11	3.42E-04	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05
4547	624160.05	4264952.46	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05
4548	624169.22	4264948.81	3.40E-04	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05
4549	624178.4	4264945.16	3.39E-04	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05
4550	624187.57	4264941.51	3.39E-04	1.16E-04	2.83E-04	8.72E-05	6.70E-05	2.23E-05	5.22E-05
4551	624196.74	4264937.86	3.38E-04	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05
4552	624205.91	4264934.21	3.37E-04	1.16E-04	2.82E-04	8.68E-05	6.68E-05	2.22E-05	5.20E-05
4553	624215.09	4264930.56	3.37E-04	1.16E-04	2.81E-04	8.67E-05	6.66E-05	2.22E-05	5.20E-05
4554	624224.26	4264926.91	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05
4555	624233.43	4264923.26	3.36E-04	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.19E-05
4556	624242.6	4264919.61	3.36E-04	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.19E-05
4557	624251.78	4264915.96	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.65E-05	2.21E-05	5.19E-05
4558	624260.95	4264912.31	3.36E-04	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05
4559	624270.12	4264908.66	3.37E-04	1.16E-04	2.82E-04	8.67E-05	6.67E-05	2.22E-05	5.20E-05
4560	624279.3	4264905.01	3.37E-04	1.16E-04	2.82E-04	8.69E-05	6.68E-05	2.22E-05	5.21E-05
4561	624288.47	4264901.36	3.38E-04	1.16E-04	2.83E-04	8.71E-05	6.69E-05	2.23E-05	5.22E-05
4562	624297.64	4264897.71	3.39E-04	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05
4563	624306.81	4264894.06	3.40E-04	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05
4564	624315.99	4264890.42	3.41E-04	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05
4565	624325.16	4264886.77	3.42E-04	1.18E-04	2.86E-04	8.80E-05	6.77E-05	2.25E-05	5.28E-05
4566	624334.33	4264883.12	3.43E-04	1.18E-04	2.87E-04	8.84E-05	6.79E-05	2.26E-05	5.30E-05
4567	624343.5	4264879.47	3.45E-04	1.19E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05
4568	624352.68	4264875.82	3.46E-04	1.19E-04	2.89E-04	8.91E-05	6.85E-05	2.28E-05	5.34E-05
4569	624361.85	4264872.17	3.47E-04	1.19E-04	2.90E-04	8.94E-05	6.87E-05	2.29E-05	5.36E-05
4570	623666.41	4265176.66	2.35E-04	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.62E-05
4571	623670.31	4265167.62	2.34E-04	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05
4572	623674.2	4265158.59	2.33E-04	8.00E-05	1.94E-04	5.99E-05	4.60E-05	1.53E-05	3.59E-05

4573	623678.1	4265149.56	2.31E-04	7.96E-05	1.93E-04	5.96E-05	4.58E-05	1.52E-05	3.57E-05
4574	623681.99	4265140.52	2.30E-04	7.92E-05	1.93E-04	5.93E-05	4.56E-05	1.52E-05	3.55E-05
4575	623685.88	4265131.49	2.29E-04	7.89E-05	1.92E-04	5.90E-05	4.54E-05	1.51E-05	3.54E-05
4576	623689.78	4265122.46	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05
4577	623693.67	4265113.43	2.27E-04	7.82E-05	1.90E-04	5.85E-05	4.50E-05	1.50E-05	3.51E-05
4578	623697.57	4265104.39	2.26E-04	7.79E-05	1.89E-04	5.83E-05	4.48E-05	1.49E-05	3.49E-05
4579	623701.46	4265095.36	2.26E-04	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05
4580	623705.35	4265086.33	2.25E-04	7.73E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05
4581	623709.25	4265077.29	2.24E-04	7.71E-05	1.87E-04	5.77E-05	4.44E-05	1.48E-05	3.46E-05
4582	623713.14	4265068.26	2.24E-04	7.69E-05	1.87E-04	5.76E-05	4.43E-05	1.47E-05	3.45E-05
4583	623717.04	4265059.23	2.23E-04	7.67E-05	1.86E-04	5.74E-05	4.42E-05	1.47E-05	3.44E-05
4584	623720.93	4265050.19	2.23E-04	7.66E-05	1.86E-04	5.73E-05	4.41E-05	1.47E-05	3.44E-05
4585	623724.82	4265041.16	2.22E-04	7.64E-05	1.86E-04	5.72E-05	4.40E-05	1.46E-05	3.43E-05
4586	623728.72	4265032.13	2.22E-04	7.63E-05	1.86E-04	5.71E-05	4.39E-05	1.46E-05	3.43E-05
4587	623741.75	4265019.46	2.24E-04	7.70E-05	1.87E-04	5.76E-05	4.43E-05	1.47E-05	3.45E-05
4588	623750.89	4265015.82	2.26E-04	7.77E-05	1.89E-04	5.82E-05	4.47E-05	1.49E-05	3.49E-05
4589	623760.03	4265012.18	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05
4590	623769.17	4265008.55	2.31E-04	7.94E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05
4591	623778.31	4265004.91	2.33E-04	8.02E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05
4592	623787.45	4265001.27	2.36E-04	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05
4593	623796.59	4264997.64	2.38E-04	8.20E-05	1.99E-04	6.14E-05	4.72E-05	1.57E-05	3.68E-05
4594	623805.73	4264994	2.41E-04	8.28E-05	2.01E-04	6.20E-05	4.77E-05	1.59E-05	3.72E-05
4595	623814.87	4264990.36	2.43E-04	8.37E-05	2.04E-04	6.27E-05	4.82E-05	1.60E-05	3.76E-05
4596	623824.01	4264986.73	2.46E-04	8.46E-05	2.06E-04	6.34E-05	4.87E-05	1.62E-05	3.80E-05
4597	623833.15	4264983.09	2.49E-04	8.56E-05	2.08E-04	6.41E-05	4.92E-05	1.64E-05	3.84E-05
4598	623842.29	4264979.45	2.52E-04	8.65E-05	2.10E-04	6.48E-05	4.98E-05	1.66E-05	3.88E-05
4599	623851.43	4264975.82	2.54E-04	8.74E-05	2.12E-04	6.54E-05	5.03E-05	1.67E-05	3.92E-05
4600	623860.57	4264972.18	2.57E-04	8.83E-05	2.15E-04	6.61E-05	5.09E-05	1.69E-05	3.96E-05
4601	623869.71	4264968.54	2.60E-04	8.93E-05	2.17E-04	6.69E-05	5.14E-05	1.71E-05	4.01E-05
4602	623878.85	4264964.91	2.62E-04	9.02E-05	2.19E-04	6.76E-05	5.19E-05	1.73E-05	4.05E-05
4603	623887.99	4264961.27	2.65E-04	9.12E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.09E-05
4604	623897.13	4264957.63	2.68E-04	9.21E-05	2.24E-04	6.90E-05	5.30E-05	1.76E-05	4.13E-05
4605	623906.27	4264954	2.71E-04	9.30E-05	2.26E-04	6.97E-05	5.35E-05	1.78E-05	4.17E-05
4606	623915.41	4264950.36	2.73E-04	9.39E-05	2.28E-04	7.03E-05	5.41E-05	1.80E-05	4.22E-05
4607	623924.55	4264946.72	2.76E-04	9.48E-05	2.31E-04	7.10E-05	5.46E-05	1.82E-05	4.26E-05
4608	623933.69	4264943.09	2.78E-04	9.57E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.30E-05
4609	623942.83	4264939.45	2.81E-04	9.66E-05	2.35E-04	7.23E-05	5.56E-05	1.85E-05	4.34E-05
4610	623951.97	4264935.81	2.84E-04	9.75E-05	2.37E-04	7.30E-05	5.61E-05	1.87E-05	4.38E-05
4611	623961.11	4264932.18	2.86E-04	9.84E-05	2.39E-04	7.37E-05	5.66E-05	1.89E-05	4.41E-05
4612	623970.25	4264928.54	2.88E-04	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05
4613	623979.39	4264924.9	2.91E-04	9.99E-05	2.43E-04	7.48E-05	5.75E-05	1.91E-05	4.48E-05
4614	623988.53	4264921.27	2.93E-04	1.01E-04	2.45E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05
4615	623997.67	4264917.63	2.94E-04	1.01E-04	2.46E-04	7.58E-05	5.83E-05	1.94E-05	4.54E-05
4616	624006.81	4264913.99	2.96E-04	1.02E-04	2.48E-04	7.63E-05	5.86E-05	1.95E-05	4.57E-05
4617	624015.95	4264910.36	2.98E-04	1.02E-04	2.49E-04	7.67E-05	5.89E-05	1.96E-05	4.59E-05
4618	624025.09	4264906.72	2.99E-04	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.62E-05
4619	624034.23	4264903.08	3.00E-04	1.03E-04	2.51E-04	7.73E-05	5.94E-05	1.98E-05	4.63E-05
4620	624043.37	4264899.45	3.01E-04	1.04E-04	2.52E-04	7.76E-05	5.96E-05	1.99E-05	4.65E-05
4621	624052.51	4264895.81	3.02E-04	1.04E-04	2.52E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05
4622	624061.65	4264892.17	3.03E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05
4623	624070.79	4264888.54	3.03E-04	1.04E-04	2.53E-04	7.80E-05	5.99E-05	2.00E-05	4.67E-05
4624	624079.93	4264884.9	3.03E-04	1.04E-04	2.53E-04	7.80E-05	6.00E-05	2.00E-05	4.67E-05

4625	624089.07	4264881.26	3.03E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05
4626	624098.21	4264877.63	3.02E-04	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05
4627	624107.35	4264873.99	3.02E-04	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.66E-05
4628	624116.49	4264870.35	3.01E-04	1.04E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.65E-05
4629	624125.63	4264866.72	3.01E-04	1.03E-04	2.51E-04	7.74E-05	5.95E-05	1.98E-05	4.64E-05
4630	624134.77	4264863.08	3.00E-04	1.03E-04	2.51E-04	7.72E-05	5.93E-05	1.98E-05	4.63E-05
4631	624143.91	4264859.44	2.99E-04	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.61E-05
4632	624153.05	4264855.81	2.98E-04	1.02E-04	2.49E-04	7.67E-05	5.90E-05	1.96E-05	4.60E-05
4633	624162.19	4264852.17	2.97E-04	1.02E-04	2.48E-04	7.65E-05	5.88E-05	1.96E-05	4.58E-05
4634	624171.33	4264848.53	2.96E-04	1.02E-04	2.47E-04	7.62E-05	5.86E-05	1.95E-05	4.57E-05
4635	624180.47	4264844.9	2.95E-04	1.01E-04	2.47E-04	7.60E-05	5.84E-05	1.94E-05	4.55E-05
4636	624189.61	4264841.26	2.94E-04	1.01E-04	2.46E-04	7.58E-05	5.83E-05	1.94E-05	4.54E-05
4637	624198.75	4264837.62	2.94E-04	1.01E-04	2.45E-04	7.56E-05	5.81E-05	1.93E-05	4.53E-05
4638	624207.89	4264833.99	2.93E-04	1.01E-04	2.45E-04	7.55E-05	5.80E-05	1.93E-05	4.52E-05
4639	624217.03	4264830.35	2.93E-04	1.01E-04	2.45E-04	7.54E-05	5.79E-05	1.93E-05	4.52E-05
4640	624226.17	4264826.71	2.92E-04	1.01E-04	2.44E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05
4641	624235.31	4264823.08	2.92E-04	1.01E-04	2.44E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05
4642	624244.45	4264819.44	2.92E-04	1.01E-04	2.44E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05
4643	624253.59	4264815.8	2.93E-04	1.01E-04	2.45E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05
4644	624262.73	4264812.17	2.93E-04	1.01E-04	2.45E-04	7.54E-05	5.80E-05	1.93E-05	4.52E-05
4645	624271.87	4264808.53	2.93E-04	1.01E-04	2.45E-04	7.55E-05	5.81E-05	1.93E-05	4.53E-05
4646	624281.01	4264804.89	2.94E-04	1.01E-04	2.46E-04	7.57E-05	5.82E-05	1.94E-05	4.53E-05
4647	624290.15	4264801.26	2.95E-04	1.01E-04	2.46E-04	7.58E-05	5.83E-05	1.94E-05	4.54E-05
4648	624299.29	4264797.62	2.95E-04	1.02E-04	2.47E-04	7.60E-05	5.85E-05	1.95E-05	4.56E-05
4649	624308.43	4264793.98	2.96E-04	1.02E-04	2.47E-04	7.62E-05	5.86E-05	1.95E-05	4.57E-05
4650	624317.57	4264790.35	2.97E-04	1.02E-04	2.48E-04	7.65E-05	5.88E-05	1.96E-05	4.58E-05
4651	624326.71	4264786.71	2.98E-04	1.02E-04	2.49E-04	7.67E-05	5.90E-05	1.96E-05	4.60E-05
4652	624335.85	4264783.07	2.99E-04	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.61E-05
4653	624344.99	4264779.44	3.00E-04	1.03E-04	2.51E-04	7.72E-05	5.94E-05	1.98E-05	4.63E-05
4654	624354.13	4264775.8	3.01E-04	1.04E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.65E-05
4655	624363.27	4264772.16	3.02E-04	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05
4656	623690.25	4264940.51	2.01E-04	6.90E-05	1.68E-04	5.17E-05	3.97E-05	1.32E-05	3.10E-05
4657	623699.37	4264936.88	2.03E-04	6.97E-05	1.69E-04	5.22E-05	4.01E-05	1.33E-05	3.13E-05
4658	623708.48	4264933.26	2.05E-04	7.04E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05
4659	623717.59	4264929.63	2.07E-04	7.11E-05	1.73E-04	5.32E-05	4.09E-05	1.36E-05	3.19E-05
4660	623726.71	4264926	2.09E-04	7.18E-05	1.75E-04	5.37E-05	4.13E-05	1.38E-05	3.22E-05
4661	623735.82	4264922.38	2.11E-04	7.25E-05	1.76E-04	5.43E-05	4.17E-05	1.39E-05	3.25E-05
4662	623744.94	4264918.75	2.13E-04	7.33E-05	1.78E-04	5.49E-05	4.22E-05	1.40E-05	3.29E-05
4663	623754.05	4264915.12	2.15E-04	7.40E-05	1.80E-04	5.54E-05	4.26E-05	1.42E-05	3.32E-05
4664	623763.16	4264911.5	2.18E-04	7.49E-05	1.82E-04	5.61E-05	4.31E-05	1.43E-05	3.36E-05
4665	623772.28	4264907.87	2.20E-04	7.57E-05	1.84E-04	5.67E-05	4.36E-05	1.45E-05	3.40E-05
4666	623781.39	4264904.25	2.23E-04	7.65E-05	1.86E-04	5.73E-05	4.40E-05	1.47E-05	3.43E-05
4667	623790.51	4264900.62	2.25E-04	7.73E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05
4668	623799.62	4264896.99	2.27E-04	7.81E-05	1.90E-04	5.85E-05	4.50E-05	1.50E-05	3.51E-05
4669	623808.73	4264893.37	2.29E-04	7.89E-05	1.92E-04	5.91E-05	4.54E-05	1.51E-05	3.54E-05
4670	623817.85	4264889.74	2.32E-04	7.97E-05	1.94E-04	5.97E-05	4.59E-05	1.53E-05	3.58E-05
4671	623826.96	4264886.11	2.34E-04	8.05E-05	1.96E-04	6.03E-05	4.63E-05	1.54E-05	3.61E-05
4672	623836.08	4264882.49	2.36E-04	8.13E-05	1.98E-04	6.09E-05	4.68E-05	1.56E-05	3.65E-05
4673	623845.19	4264878.86	2.39E-04	8.21E-05	1.99E-04	6.14E-05	4.72E-05	1.57E-05	3.68E-05
4674	623854.3	4264875.24	2.41E-04	8.28E-05	2.01E-04	6.20E-05	4.77E-05	1.59E-05	3.72E-05
4675	623863.42	4264871.61	2.43E-04	8.36E-05	2.03E-04	6.26E-05	4.81E-05	1.60E-05	3.75E-05
4676	623872.53	4264867.98	2.45E-04	8.44E-05	2.05E-04	6.32E-05	4.86E-05	1.62E-05	3.79E-05

4677	623881.64	4264864.36	2.48E-04	8.51E-05	2.07E-04	6.37E-05	4.90E-05	1.63E-05	3.82E-05
4678	623890.76	4264860.73	2.50E-04	8.58E-05	2.09E-04	6.43E-05	4.94E-05	1.64E-05	3.85E-05
4679	623899.87	4264857.1	2.52E-04	8.66E-05	2.10E-04	6.48E-05	4.98E-05	1.66E-05	3.88E-05
4680	623908.99	4264853.48	2.54E-04	8.72E-05	2.12E-04	6.53E-05	5.02E-05	1.67E-05	3.91E-05
4681	623918.1	4264849.85	2.56E-04	8.79E-05	2.14E-04	6.58E-05	5.06E-05	1.68E-05	3.94E-05
4682	623927.21	4264846.22	2.58E-04	8.86E-05	2.15E-04	6.63E-05	5.10E-05	1.70E-05	3.97E-05
4683	623936.33	4264842.6	2.59E-04	8.92E-05	2.17E-04	6.68E-05	5.13E-05	1.71E-05	4.00E-05
4684	623945.44	4264838.97	2.61E-04	8.98E-05	2.18E-04	6.73E-05	5.17E-05	1.72E-05	4.03E-05
4685	623954.56	4264835.35	2.63E-04	9.04E-05	2.20E-04	6.77E-05	5.21E-05	1.73E-05	4.06E-05
4686	623963.67	4264831.72	2.65E-04	9.10E-05	2.21E-04	6.81E-05	5.24E-05	1.74E-05	4.08E-05
4687	623972.78	4264828.09	2.66E-04	9.14E-05	2.22E-04	6.85E-05	5.26E-05	1.75E-05	4.10E-05
4688	623981.9	4264824.47	2.67E-04	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.12E-05
4689	623991.01	4264820.84	2.68E-04	9.22E-05	2.24E-04	6.91E-05	5.31E-05	1.77E-05	4.14E-05
4690	624000.13	4264817.21	2.69E-04	9.25E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05
4691	624009.24	4264813.59	2.70E-04	9.28E-05	2.26E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05
4692	624018.35	4264809.96	2.70E-04	9.30E-05	2.26E-04	6.96E-05	5.35E-05	1.78E-05	4.17E-05
4693	624027.47	4264806.34	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05
4694	624036.58	4264802.71	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05
4695	624045.69	4264799.08	2.71E-04	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05
4696	624054.81	4264795.46	2.71E-04	9.30E-05	2.26E-04	6.97E-05	5.35E-05	1.78E-05	4.17E-05
4697	624063.92	4264791.83	2.70E-04	9.29E-05	2.26E-04	6.95E-05	5.35E-05	1.78E-05	4.17E-05
4698	624073.04	4264788.2	2.70E-04	9.27E-05	2.25E-04	6.94E-05	5.34E-05	1.78E-05	4.16E-05
4699	624082.15	4264784.58	2.69E-04	9.24E-05	2.25E-04	6.92E-05	5.32E-05	1.77E-05	4.15E-05
4700	624091.26	4264780.95	2.68E-04	9.21E-05	2.24E-04	6.90E-05	5.30E-05	1.77E-05	4.13E-05
4701	624100.38	4264777.33	2.67E-04	9.18E-05	2.23E-04	6.87E-05	5.28E-05	1.76E-05	4.12E-05
4702	624109.49	4264773.7	2.66E-04	9.14E-05	2.22E-04	6.85E-05	5.26E-05	1.75E-05	4.10E-05
4703	624118.61	4264770.07	2.65E-04	9.11E-05	2.21E-04	6.82E-05	5.24E-05	1.75E-05	4.09E-05
4704	624127.72	4264766.45	2.64E-04	9.08E-05	2.21E-04	6.80E-05	5.22E-05	1.74E-05	4.07E-05
4705	624136.83	4264762.82	2.63E-04	9.04E-05	2.20E-04	6.77E-05	5.20E-05	1.73E-05	4.06E-05
4706	624145.95	4264759.19	2.62E-04	9.01E-05	2.19E-04	6.74E-05	5.19E-05	1.73E-05	4.04E-05
4707	624155.06	4264755.57	2.61E-04	8.97E-05	2.18E-04	6.72E-05	5.17E-05	1.72E-05	4.03E-05
4708	624164.18	4264751.94	2.60E-04	8.94E-05	2.17E-04	6.69E-05	5.15E-05	1.71E-05	4.01E-05
4709	624173.29	4264748.31	2.59E-04	8.91E-05	2.17E-04	6.67E-05	5.13E-05	1.71E-05	4.00E-05
4710	624182.4	4264744.69	2.58E-04	8.89E-05	2.16E-04	6.65E-05	5.12E-05	1.70E-05	3.99E-05
4711	624191.52	4264741.06	2.58E-04	8.87E-05	2.16E-04	6.64E-05	5.10E-05	1.70E-05	3.98E-05
4712	624200.63	4264737.44	2.57E-04	8.85E-05	2.15E-04	6.63E-05	5.09E-05	1.70E-05	3.97E-05
4713	624209.74	4264733.81	2.57E-04	8.84E-05	2.15E-04	6.62E-05	5.09E-05	1.69E-05	3.97E-05
4714	624218.86	4264730.18	2.57E-04	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05
4715	624227.97	4264726.56	2.57E-04	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05
4716	624237.09	4264722.93	2.57E-04	8.83E-05	2.15E-04	6.61E-05	5.08E-05	1.69E-05	3.96E-05
4717	624246.2	4264719.3	2.57E-04	8.84E-05	2.15E-04	6.62E-05	5.09E-05	1.69E-05	3.96E-05
4718	624255.31	4264715.68	2.57E-04	8.85E-05	2.15E-04	6.62E-05	5.09E-05	1.69E-05	3.97E-05
4719	624264.43	4264712.05	2.58E-04	8.86E-05	2.15E-04	6.63E-05	5.10E-05	1.70E-05	3.98E-05
4720	624273.54	4264708.43	2.58E-04	8.88E-05	2.16E-04	6.65E-05	5.11E-05	1.70E-05	3.98E-05
4721	624282.66	4264704.8	2.59E-04	8.90E-05	2.16E-04	6.66E-05	5.12E-05	1.70E-05	3.99E-05
4722	624291.77	4264701.17	2.59E-04	8.92E-05	2.17E-04	6.68E-05	5.13E-05	1.71E-05	4.00E-05
4723	624300.88	4264697.55	2.60E-04	8.95E-05	2.17E-04	6.70E-05	5.15E-05	1.71E-05	4.01E-05
4724	624310	4264693.92	2.61E-04	8.98E-05	2.18E-04	6.72E-05	5.17E-05	1.72E-05	4.03E-05
4725	624319.11	4264690.29	2.62E-04	9.01E-05	2.19E-04	6.74E-05	5.19E-05	1.73E-05	4.04E-05
4726	624328.23	4264686.67	2.63E-04	9.04E-05	2.20E-04	6.77E-05	5.20E-05	1.73E-05	4.06E-05
4727	624337.34	4264683.04	2.64E-04	9.07E-05	2.21E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05
4728	624346.45	4264679.42	2.65E-04	9.10E-05	2.21E-04	6.82E-05	5.24E-05	1.74E-05	4.08E-05

4729	624355.57	4264675.79	2.66E-04	9.14E-05	2.22E-04	6.84E-05	5.26E-05	1.75E-05	4.10E-05
4730	624364.68	4264672.16	2.67E-04	9.17E-05	2.23E-04	6.87E-05	5.28E-05	1.76E-05	4.12E-05
4731	623702.32	4264836.27	1.95E-04	6.69E-05	1.63E-04	5.01E-05	3.85E-05	1.28E-05	3.00E-05
4732	623711.41	4264832.65	1.97E-04	6.76E-05	1.64E-04	5.06E-05	3.89E-05	1.30E-05	3.03E-05
4733	623720.51	4264829.03	1.99E-04	6.83E-05	1.66E-04	5.11E-05	3.93E-05	1.31E-05	3.06E-05
4734	623729.6	4264825.41	2.01E-04	6.89E-05	1.68E-04	5.16E-05	3.97E-05	1.32E-05	3.09E-05
4735	623738.69	4264821.8	2.03E-04	6.96E-05	1.69E-04	5.21E-05	4.01E-05	1.33E-05	3.12E-05
4736	623747.78	4264818.18	2.04E-04	7.03E-05	1.71E-04	5.26E-05	4.05E-05	1.35E-05	3.16E-05
4737	623756.88	4264814.56	2.07E-04	7.10E-05	1.73E-04	5.32E-05	4.09E-05	1.36E-05	3.19E-05
4738	623765.97	4264810.94	2.09E-04	7.17E-05	1.74E-04	5.37E-05	4.13E-05	1.37E-05	3.22E-05
4739	623775.06	4264807.32	2.11E-04	7.24E-05	1.76E-04	5.42E-05	4.17E-05	1.39E-05	3.25E-05
4740	623784.16	4264803.71	2.13E-04	7.31E-05	1.78E-04	5.48E-05	4.21E-05	1.40E-05	3.28E-05
4741	623793.25	4264800.09	2.15E-04	7.38E-05	1.79E-04	5.53E-05	4.25E-05	1.41E-05	3.31E-05
4742	623802.34	4264796.47	2.17E-04	7.45E-05	1.81E-04	5.57E-05	4.29E-05	1.43E-05	3.34E-05
4743	623811.43	4264792.85	2.18E-04	7.51E-05	1.83E-04	5.62E-05	4.32E-05	1.44E-05	3.37E-05
4744	623820.53	4264789.24	2.20E-04	7.57E-05	1.84E-04	5.67E-05	4.36E-05	1.45E-05	3.40E-05
4745	623829.62	4264785.62	2.22E-04	7.64E-05	1.86E-04	5.72E-05	4.40E-05	1.46E-05	3.43E-05
4746	623838.71	4264782	2.24E-04	7.70E-05	1.87E-04	5.76E-05	4.43E-05	1.47E-05	3.45E-05
4747	623847.8	4264778.38	2.26E-04	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05
4748	623856.9	4264774.76	2.27E-04	7.82E-05	1.90E-04	5.85E-05	4.50E-05	1.50E-05	3.51E-05
4749	623865.99	4264771.15	2.29E-04	7.88E-05	1.91E-04	5.90E-05	4.53E-05	1.51E-05	3.53E-05
4750	623875.08	4264767.53	2.31E-04	7.93E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05
4751	623884.18	4264763.91	2.32E-04	7.99E-05	1.94E-04	5.98E-05	4.60E-05	1.53E-05	3.58E-05
4752	623893.27	4264760.29	2.34E-04	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05
4753	623902.36	4264756.67	2.35E-04	8.09E-05	1.97E-04	6.05E-05	4.65E-05	1.55E-05	3.63E-05
4754	623911.45	4264753.06	2.37E-04	8.13E-05	1.98E-04	6.09E-05	4.68E-05	1.56E-05	3.65E-05
4755	623920.55	4264749.44	2.38E-04	8.18E-05	1.99E-04	6.12E-05	4.71E-05	1.57E-05	3.67E-05
4756	623929.64	4264745.82	2.39E-04	8.22E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05
4757	623938.73	4264742.2	2.40E-04	8.26E-05	2.01E-04	6.18E-05	4.75E-05	1.58E-05	3.71E-05
4758	623947.82	4264738.59	2.41E-04	8.29E-05	2.02E-04	6.21E-05	4.77E-05	1.59E-05	3.72E-05
4759	623956.92	4264734.97	2.42E-04	8.33E-05	2.02E-04	6.23E-05	4.79E-05	1.60E-05	3.74E-05
4760	623966.01	4264731.35	2.43E-04	8.35E-05	2.03E-04	6.25E-05	4.81E-05	1.60E-05	3.75E-05
4761	623975.1	4264727.73	2.43E-04	8.37E-05	2.03E-04	6.27E-05	4.82E-05	1.60E-05	3.76E-05
4762	623984.2	4264724.11	2.44E-04	8.38E-05	2.04E-04	6.28E-05	4.83E-05	1.61E-05	3.76E-05
4763	623993.29	4264720.5	2.44E-04	8.39E-05	2.04E-04	6.28E-05	4.83E-05	1.61E-05	3.77E-05
4764	624002.38	4264716.88	2.44E-04	8.39E-05	2.04E-04	6.28E-05	4.83E-05	1.61E-05	3.77E-05
4765	624011.47	4264713.26	2.44E-04	8.39E-05	2.04E-04	6.28E-05	4.83E-05	1.61E-05	3.76E-05
4766	624020.57	4264709.64	2.44E-04	8.38E-05	2.04E-04	6.28E-05	4.82E-05	1.61E-05	3.76E-05
4767	624029.66	4264706.02	2.43E-04	8.37E-05	2.03E-04	6.26E-05	4.82E-05	1.60E-05	3.75E-05
4768	624038.75	4264702.41	2.43E-04	8.35E-05	2.03E-04	6.25E-05	4.80E-05	1.60E-05	3.74E-05
4769	624047.84	4264698.79	2.42E-04	8.32E-05	2.02E-04	6.23E-05	4.79E-05	1.59E-05	3.73E-05
4770	624056.94	4264695.17	2.41E-04	8.29E-05	2.02E-04	6.21E-05	4.77E-05	1.59E-05	3.72E-05
4771	624066.03	4264691.55	2.40E-04	8.26E-05	2.01E-04	6.18E-05	4.75E-05	1.58E-05	3.71E-05
4772	624075.12	4264687.94	2.39E-04	8.23E-05	2.00E-04	6.16E-05	4.73E-05	1.58E-05	3.69E-05
4773	624084.22	4264684.32	2.38E-04	8.19E-05	1.99E-04	6.13E-05	4.71E-05	1.57E-05	3.67E-05
4774	624093.31	4264680.7	2.37E-04	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05
4775	624102.4	4264677.08	2.36E-04	8.11E-05	1.97E-04	6.08E-05	4.67E-05	1.55E-05	3.64E-05
4776	624111.49	4264673.46	2.35E-04	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.63E-05
4777	624120.59	4264669.85	2.34E-04	8.04E-05	1.96E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05
4778	624129.68	4264666.23	2.33E-04	8.01E-05	1.95E-04	6.00E-05	4.61E-05	1.53E-05	3.59E-05
4779	624138.77	4264662.61	2.32E-04	7.97E-05	1.94E-04	5.97E-05	4.59E-05	1.53E-05	3.58E-05
4780	624147.86	4264658.99	2.31E-04	7.94E-05	1.93E-04	5.95E-05	4.57E-05	1.52E-05	3.56E-05

4781	624156.96	4264655.37	2.30E-04	7.91E-05	1.92E-04	5.93E-05	4.56E-05	1.52E-05	3.55E-05
4782	624166.05	4264651.76	2.29E-04	7.89E-05	1.92E-04	5.91E-05	4.54E-05	1.51E-05	3.54E-05
4783	624175.14	4264648.14	2.29E-04	7.87E-05	1.91E-04	5.89E-05	4.53E-05	1.51E-05	3.53E-05
4784	624184.23	4264644.52	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05
4785	624193.33	4264640.9	2.28E-04	7.84E-05	1.90E-04	5.87E-05	4.51E-05	1.50E-05	3.52E-05
4786	624202.42	4264637.29	2.28E-04	7.83E-05	1.90E-04	5.86E-05	4.51E-05	1.50E-05	3.51E-05
4787	624211.51	4264633.67	2.28E-04	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05
4788	624220.61	4264630.05	2.27E-04	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05
4789	624229.7	4264626.43	2.28E-04	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05
4790	624238.79	4264622.81	2.28E-04	7.83E-05	1.90E-04	5.86E-05	4.51E-05	1.50E-05	3.51E-05
4791	624247.88	4264619.2	2.28E-04	7.84E-05	1.91E-04	5.87E-05	4.51E-05	1.50E-05	3.52E-05
4792	624256.98	4264615.58	2.28E-04	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05
4793	624266.07	4264611.96	2.29E-04	7.87E-05	1.91E-04	5.89E-05	4.53E-05	1.51E-05	3.53E-05
4794	624275.16	4264608.34	2.29E-04	7.88E-05	1.92E-04	5.90E-05	4.54E-05	1.51E-05	3.54E-05
4795	624284.25	4264604.72	2.30E-04	7.90E-05	1.92E-04	5.92E-05	4.55E-05	1.51E-05	3.55E-05
4796	624293.35	4264601.11	2.30E-04	7.93E-05	1.93E-04	5.93E-05	4.56E-05	1.52E-05	3.56E-05
4797	624302.44	4264597.49	2.31E-04	7.95E-05	1.93E-04	5.96E-05	4.58E-05	1.52E-05	3.57E-05
4798	624311.53	4264593.87	2.32E-04	7.98E-05	1.94E-04	5.98E-05	4.60E-05	1.53E-05	3.58E-05
4799	624320.63	4264590.25	2.33E-04	8.01E-05	1.95E-04	6.00E-05	4.61E-05	1.54E-05	3.60E-05
4800	624329.72	4264586.64	2.34E-04	8.05E-05	1.96E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05
4801	624338.81	4264583.02	2.35E-04	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.62E-05
4802	624347.9	4264579.4	2.36E-04	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05
4803	624357	4264575.78	2.37E-04	8.14E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.65E-05
4804	624366.09	4264572.16	2.38E-04	8.18E-05	1.99E-04	6.12E-05	4.71E-05	1.57E-05	3.67E-05
4805	624362.59	4266163.45	5.48E-03	1.88E-03	4.58E-03	1.41E-03	1.08E-03	3.61E-04	8.45E-04
4806	624372.48	4266163.63	6.01E-03	2.07E-03	5.02E-03	1.55E-03	1.19E-03	3.96E-04	9.28E-04
4807	624382.37	4266163.81	6.57E-03	2.26E-03	5.49E-03	1.69E-03	1.30E-03	4.33E-04	1.01E-03
4808	624392.26	4266163.98	7.16E-03	2.46E-03	5.99E-03	1.84E-03	1.42E-03	4.72E-04	1.11E-03
4809	624402.15	4266164.16	7.81E-03	2.69E-03	6.53E-03	2.01E-03	1.55E-03	5.15E-04	1.21E-03
4810	624412.04	4266164.34	8.37E-03	2.88E-03	7.00E-03	2.16E-03	1.66E-03	5.52E-04	1.29E-03
4811	624421.93	4266164.51	8.72E-03	3.00E-03	7.29E-03	2.25E-03	1.73E-03	5.75E-04	1.35E-03
4812	624451.59	4266165.04	9.36E-03	3.22E-03	7.82E-03	2.41E-03	1.85E-03	6.16E-04	1.44E-03
4813	624461.48	4266165.22	9.70E-03	3.34E-03	8.11E-03	2.50E-03	1.92E-03	6.39E-04	1.50E-03
4814	624471.37	4266165.4	1.01E-02	3.46E-03	8.42E-03	2.59E-03	1.99E-03	6.64E-04	1.55E-03
4815	624481.26	4266165.57	1.03E-02	3.53E-03	8.57E-03	2.64E-03	2.03E-03	6.76E-04	1.58E-03
4816	624491.15	4266165.75	1.03E-02	3.53E-03	8.58E-03	2.64E-03	2.03E-03	6.76E-04	1.58E-03
4817	624501.04	4266165.93	1.03E-02	3.53E-03	8.57E-03	2.64E-03	2.03E-03	6.76E-04	1.58E-03
4818	624510.93	4266166.1	1.03E-02	3.55E-03	8.63E-03	2.66E-03	2.04E-03	6.80E-04	1.59E-03
4819	624520.82	4266166.28	1.05E-02	3.61E-03	8.77E-03	2.70E-03	2.08E-03	6.91E-04	1.62E-03
4820	624530.71	4266166.46	1.08E-02	3.71E-03	9.02E-03	2.78E-03	2.14E-03	7.11E-04	1.67E-03
4821	624540.6	4266166.63	1.10E-02	3.80E-03	9.23E-03	2.84E-03	2.19E-03	7.27E-04	1.70E-03
4822	624550.49	4266166.81	1.10E-02	3.80E-03	9.23E-03	2.84E-03	2.19E-03	7.28E-04	1.70E-03
4823	624560.38	4266166.99	1.09E-02	3.76E-03	9.14E-03	2.81E-03	2.16E-03	7.20E-04	1.69E-03
4824	624570.27	4266167.16	1.08E-02	3.73E-03	9.07E-03	2.79E-03	2.15E-03	7.15E-04	1.67E-03
4825	624580.15	4266167.34	1.09E-02	3.73E-03	9.07E-03	2.80E-03	2.15E-03	7.15E-04	1.68E-03
4826	624590.04	4266167.52	1.10E-02	3.79E-03	9.21E-03	2.84E-03	2.18E-03	7.26E-04	1.70E-03
4827	624599.93	4266167.69	1.12E-02	3.84E-03	9.34E-03	2.88E-03	2.21E-03	7.36E-04	1.72E-03
4828	624609.82	4266167.87	1.11E-02	3.82E-03	9.29E-03	2.86E-03	2.20E-03	7.32E-04	1.71E-03
4829	624619.71	4266168.05	1.09E-02	3.75E-03	9.11E-03	2.81E-03	2.16E-03	7.18E-04	1.68E-03
4830	624629.6	4266168.22	1.07E-02	3.69E-03	8.96E-03	2.76E-03	2.12E-03	7.06E-04	1.65E-03
4831	624639.49	4266168.4	1.06E-02	3.65E-03	8.88E-03	2.73E-03	2.10E-03	7.00E-04	1.64E-03
4832	624669.16	4266168.93	1.07E-02	3.68E-03	8.93E-03	2.75E-03	2.12E-03	7.04E-04	1.65E-03

4833	624679.05	4266169.1	1.04E-02	3.57E-03	8.69E-03	2.68E-03	2.06E-03	6.85E-04	1.60E-03
4834	624688.94	4266169.28	1.01E-02	3.47E-03	8.43E-03	2.60E-03	2.00E-03	6.65E-04	1.56E-03
4835	624698.82	4266169.46	9.91E-03	3.41E-03	8.28E-03	2.55E-03	1.96E-03	6.53E-04	1.53E-03
4836	624708.71	4266169.63	9.85E-03	3.39E-03	8.24E-03	2.54E-03	1.95E-03	6.49E-04	1.52E-03
4837	624718.6	4266169.81	9.92E-03	3.41E-03	8.29E-03	2.55E-03	1.96E-03	6.53E-04	1.53E-03
4838	624748.27	4266170.34	9.94E-03	3.42E-03	8.31E-03	2.56E-03	1.97E-03	6.55E-04	1.53E-03
4839	624758.16	4266170.52	9.59E-03	3.30E-03	8.01E-03	2.47E-03	1.90E-03	6.32E-04	1.48E-03
4840	624768.05	4266170.69	9.27E-03	3.19E-03	7.74E-03	2.39E-03	1.83E-03	6.10E-04	1.43E-03
4841	624777.94	4266170.87	9.02E-03	3.10E-03	7.54E-03	2.32E-03	1.79E-03	5.94E-04	1.39E-03
4842	624787.83	4266171.05	8.90E-03	3.06E-03	7.44E-03	2.29E-03	1.76E-03	5.86E-04	1.37E-03
4843	624797.72	4266171.22	8.66E-03	2.98E-03	7.24E-03	2.23E-03	1.71E-03	5.70E-04	1.34E-03
4844	624807.61	4266171.4	8.05E-03	2.77E-03	6.73E-03	2.07E-03	1.59E-03	5.30E-04	1.24E-03
4845	624817.5	4266171.58	7.24E-03	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03
4846	624827.38	4266171.75	6.44E-03	2.21E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.93E-04
4847	624837.27	4266171.93	5.73E-03	1.97E-03	4.79E-03	1.48E-03	1.13E-03	3.78E-04	8.85E-04
4848	624847.16	4266172.11	5.14E-03	1.77E-03	4.30E-03	1.32E-03	1.02E-03	3.39E-04	7.93E-04
4849	624345.52	4266170.23	4.52E-03	1.55E-03	3.78E-03	1.16E-03	8.94E-04	2.98E-04	6.97E-04
4850	624362.41	4266173.45	5.12E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.37E-04	7.90E-04
4851	624372.3	4266173.63	5.53E-03	1.90E-03	4.63E-03	1.42E-03	1.10E-03	3.65E-04	8.54E-04
4852	624382.19	4266173.81	5.97E-03	2.05E-03	4.99E-03	1.54E-03	1.18E-03	3.93E-04	9.20E-04
4853	624392.08	4266173.98	6.44E-03	2.21E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.93E-04
4854	624401.97	4266174.16	6.95E-03	2.39E-03	5.81E-03	1.79E-03	1.38E-03	4.58E-04	1.07E-03
4855	624411.86	4266174.33	7.43E-03	2.56E-03	6.21E-03	1.91E-03	1.47E-03	4.90E-04	1.15E-03
4856	624421.75	4266174.51	7.80E-03	2.68E-03	6.52E-03	2.01E-03	1.54E-03	5.14E-04	1.20E-03
4857	624451.42	4266175.04	8.44E-03	2.90E-03	7.05E-03	2.17E-03	1.67E-03	5.56E-04	1.30E-03
4858	624461.31	4266175.22	8.69E-03	2.99E-03	7.27E-03	2.24E-03	1.72E-03	5.73E-04	1.34E-03
4859	624471.19	4266175.39	8.99E-03	3.09E-03	7.51E-03	2.31E-03	1.78E-03	5.92E-04	1.39E-03
4860	624481.08	4266175.57	9.21E-03	3.17E-03	7.69E-03	2.37E-03	1.82E-03	6.07E-04	1.42E-03
4861	624490.97	4266175.75	9.31E-03	3.20E-03	7.78E-03	2.40E-03	1.84E-03	6.13E-04	1.44E-03
4862	624500.86	4266175.92	9.35E-03	3.21E-03	7.81E-03	2.41E-03	1.85E-03	6.16E-04	1.44E-03
4863	624510.75	4266176.1	9.39E-03	3.23E-03	7.84E-03	2.42E-03	1.86E-03	6.18E-04	1.45E-03
4864	624520.64	4266176.28	9.49E-03	3.26E-03	7.93E-03	2.44E-03	1.88E-03	6.25E-04	1.46E-03
4865	624530.53	4266176.45	9.68E-03	3.33E-03	8.09E-03	2.49E-03	1.92E-03	6.38E-04	1.49E-03
4866	624540.42	4266176.63	9.88E-03	3.40E-03	8.26E-03	2.54E-03	1.96E-03	6.51E-04	1.52E-03
4867	624550.31	4266176.81	9.96E-03	3.43E-03	8.33E-03	2.57E-03	1.97E-03	6.57E-04	1.54E-03
4868	624560.2	4266176.98	9.94E-03	3.42E-03	8.31E-03	2.56E-03	1.97E-03	6.55E-04	1.53E-03
4869	624570.09	4266177.16	9.87E-03	3.39E-03	8.25E-03	2.54E-03	1.95E-03	6.50E-04	1.52E-03
4870	624579.98	4266177.34	9.84E-03	3.38E-03	8.23E-03	2.53E-03	1.95E-03	6.48E-04	1.52E-03
4871	624589.87	4266177.51	9.91E-03	3.41E-03	8.29E-03	2.55E-03	1.96E-03	6.53E-04	1.53E-03
4872	624599.75	4266177.69	1.00E-02	3.44E-03	8.37E-03	2.58E-03	1.98E-03	6.60E-04	1.55E-03
4873	624609.64	4266177.87	1.00E-02	3.45E-03	8.38E-03	2.58E-03	1.98E-03	6.61E-04	1.55E-03
4874	624619.53	4266178.04	9.93E-03	3.41E-03	8.30E-03	2.56E-03	1.96E-03	6.54E-04	1.53E-03
4875	624629.42	4266178.22	9.78E-03	3.36E-03	8.17E-03	2.52E-03	1.93E-03	6.44E-04	1.51E-03
4876	624639.31	4266178.4	9.65E-03	3.32E-03	8.07E-03	2.48E-03	1.91E-03	6.36E-04	1.49E-03
4877	624668.98	4266178.93	9.63E-03	3.31E-03	8.05E-03	2.48E-03	1.91E-03	6.34E-04	1.49E-03
4878	624678.87	4266179.1	9.48E-03	3.26E-03	7.93E-03	2.44E-03	1.88E-03	6.25E-04	1.46E-03
4879	624688.76	4266179.28	9.28E-03	3.19E-03	7.76E-03	2.39E-03	1.84E-03	6.12E-04	1.43E-03
4880	624698.65	4266179.46	9.11E-03	3.13E-03	7.61E-03	2.34E-03	1.80E-03	6.00E-04	1.41E-03
4881	624708.54	4266179.63	8.98E-03	3.09E-03	7.51E-03	2.31E-03	1.78E-03	5.92E-04	1.39E-03
4882	624718.42	4266179.81	8.94E-03	3.08E-03	7.48E-03	2.30E-03	1.77E-03	5.89E-04	1.38E-03
4883	624748.09	4266180.34	8.92E-03	3.07E-03	7.46E-03	2.30E-03	1.77E-03	5.88E-04	1.38E-03
4884	624757.98	4266180.52	8.67E-03	2.98E-03	7.24E-03	2.23E-03	1.72E-03	5.71E-04	1.34E-03

4885	624767.87	4266180.69	8.36E-03	2.88E-03	6.99E-03	2.15E-03	1.65E-03	5.51E-04	1.29E-03
4886	624777.76	4266180.87	8.08E-03	2.78E-03	6.76E-03	2.08E-03	1.60E-03	5.33E-04	1.25E-03
4887	624787.65	4266181.05	7.88E-03	2.71E-03	6.58E-03	2.03E-03	1.56E-03	5.19E-04	1.22E-03
4888	624797.54	4266181.22	7.64E-03	2.63E-03	6.39E-03	1.97E-03	1.51E-03	5.04E-04	1.18E-03
4889	624807.43	4266181.4	7.23E-03	2.49E-03	6.05E-03	1.86E-03	1.43E-03	4.77E-04	1.12E-03
4890	624817.32	4266181.58	6.66E-03	2.29E-03	5.57E-03	1.72E-03	1.32E-03	4.39E-04	1.03E-03
4891	624827.21	4266181.75	6.04E-03	2.08E-03	5.05E-03	1.56E-03	1.20E-03	3.98E-04	9.32E-04
4892	624837.1	4266181.93	5.46E-03	1.88E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.42E-04
4893	624846.98	4266182.11	4.94E-03	1.70E-03	4.13E-03	1.27E-03	9.77E-04	3.25E-04	7.62E-04
4894	624345.34	4266180.23	4.30E-03	1.48E-03	3.59E-03	1.11E-03	8.51E-04	2.83E-04	6.63E-04
4895	624331.33	4266174.15	3.96E-03	1.36E-03	3.31E-03	1.02E-03	7.84E-04	2.61E-04	6.11E-04
4896	624321.51	4266164	3.80E-03	1.31E-03	3.17E-03	9.78E-04	7.52E-04	2.50E-04	5.86E-04
4897	624362.23	4266183.45	4.78E-03	1.65E-03	4.00E-03	1.23E-03	9.47E-04	3.15E-04	7.38E-04
4898	624372.12	4266183.63	5.12E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.37E-04	7.90E-04
4899	624382.01	4266183.8	5.47E-03	1.88E-03	4.57E-03	1.41E-03	1.08E-03	3.60E-04	8.44E-04
4900	624391.9	4266183.98	5.85E-03	2.01E-03	4.89E-03	1.51E-03	1.16E-03	3.85E-04	9.03E-04
4901	624401.79	4266184.16	6.26E-03	2.15E-03	5.23E-03	1.61E-03	1.24E-03	4.13E-04	9.66E-04
4902	624411.68	4266184.33	6.67E-03	2.29E-03	5.57E-03	1.72E-03	1.32E-03	4.39E-04	1.03E-03
4903	624421.57	4266184.51	7.01E-03	2.41E-03	5.86E-03	1.81E-03	1.39E-03	4.62E-04	1.08E-03
4904	624451.24	4266185.04	7.64E-03	2.63E-03	6.39E-03	1.97E-03	1.51E-03	5.04E-04	1.18E-03
4905	624461.13	4266185.22	7.86E-03	2.70E-03	6.57E-03	2.02E-03	1.56E-03	5.18E-04	1.21E-03
4906	624471.02	4266185.39	8.10E-03	2.78E-03	6.77E-03	2.08E-03	1.60E-03	5.33E-04	1.25E-03
4907	624480.91	4266185.57	8.30E-03	2.86E-03	6.94E-03	2.14E-03	1.64E-03	5.47E-04	1.28E-03
4908	624490.79	4266185.75	8.44E-03	2.90E-03	7.05E-03	2.17E-03	1.67E-03	5.56E-04	1.30E-03
4909	624500.68	4266185.92	8.51E-03	2.93E-03	7.11E-03	2.19E-03	1.68E-03	5.61E-04	1.31E-03
4910	624510.57	4266186.1	8.55E-03	2.94E-03	7.15E-03	2.20E-03	1.69E-03	5.63E-04	1.32E-03
4911	624520.46	4266186.28	8.63E-03	2.97E-03	7.21E-03	2.22E-03	1.71E-03	5.69E-04	1.33E-03
4912	624530.35	4266186.45	8.76E-03	3.01E-03	7.32E-03	2.26E-03	1.73E-03	5.77E-04	1.35E-03
4913	624540.24	4266186.63	8.91E-03	3.06E-03	7.45E-03	2.29E-03	1.76E-03	5.87E-04	1.38E-03
4914	624550.13	4266186.81	9.01E-03	3.10E-03	7.53E-03	2.32E-03	1.78E-03	5.93E-04	1.39E-03
4915	624560.02	4266186.98	9.02E-03	3.10E-03	7.54E-03	2.32E-03	1.79E-03	5.94E-04	1.39E-03
4916	624569.91	4266187.16	8.98E-03	3.09E-03	7.51E-03	2.31E-03	1.78E-03	5.92E-04	1.39E-03
4917	624579.8	4266187.34	8.96E-03	3.08E-03	7.49E-03	2.31E-03	1.77E-03	5.91E-04	1.38E-03
4918	624589.69	4266187.51	8.99E-03	3.09E-03	7.52E-03	2.32E-03	1.78E-03	5.93E-04	1.39E-03
4919	624599.58	4266187.69	9.05E-03	3.11E-03	7.57E-03	2.33E-03	1.79E-03	5.97E-04	1.40E-03
4920	624609.46	4266187.87	9.08E-03	3.12E-03	7.59E-03	2.34E-03	1.80E-03	5.98E-04	1.40E-03
4921	624619.35	4266188.04	9.02E-03	3.10E-03	7.54E-03	2.32E-03	1.79E-03	5.94E-04	1.39E-03
4922	624629.24	4266188.22	8.91E-03	3.06E-03	7.45E-03	2.29E-03	1.76E-03	5.87E-04	1.38E-03
4923	624639.13	4266188.4	8.80E-03	3.03E-03	7.36E-03	2.27E-03	1.74E-03	5.80E-04	1.36E-03
4924	624668.8	4266188.92	8.72E-03	3.00E-03	7.29E-03	2.25E-03	1.73E-03	5.75E-04	1.35E-03
4925	624678.69	4266189.1	8.64E-03	2.97E-03	7.22E-03	2.23E-03	1.71E-03	5.69E-04	1.33E-03
4926	624688.58	4266189.28	8.51E-03	2.93E-03	7.11E-03	2.19E-03	1.68E-03	5.61E-04	1.31E-03
4927	624698.47	4266189.45	8.35E-03	2.87E-03	6.98E-03	2.15E-03	1.65E-03	5.50E-04	1.29E-03
4928	624708.36	4266189.63	8.21E-03	2.82E-03	6.86E-03	2.11E-03	1.63E-03	5.41E-04	1.27E-03
4929	624718.25	4266189.81	8.13E-03	2.79E-03	6.79E-03	2.09E-03	1.61E-03	5.36E-04	1.25E-03
4930	624747.91	4266190.34	8.01E-03	2.75E-03	6.69E-03	2.06E-03	1.58E-03	5.28E-04	1.24E-03
4931	624757.8	4266190.51	7.81E-03	2.69E-03	6.53E-03	2.01E-03	1.55E-03	5.15E-04	1.21E-03
4932	624767.69	4266190.69	7.55E-03	2.60E-03	6.31E-03	1.94E-03	1.49E-03	4.97E-04	1.17E-03
4933	624777.58	4266190.87	7.29E-03	2.51E-03	6.09E-03	1.88E-03	1.44E-03	4.80E-04	1.12E-03
4934	624787.47	4266191.04	7.06E-03	2.43E-03	5.90E-03	1.82E-03	1.40E-03	4.65E-04	1.09E-03
4935	624797.36	4266191.22	6.83E-03	2.35E-03	5.71E-03	1.76E-03	1.35E-03	4.50E-04	1.05E-03
4936	624807.25	4266191.4	6.52E-03	2.24E-03	5.45E-03	1.68E-03	1.29E-03	4.30E-04	1.01E-03

4937	624817.14	4266191.57	6.11E-03	2.10E-03	5.11E-03	1.57E-03	1.21E-03	4.03E-04	9.43E-04
4938	624827.03	4266191.75	5.64E-03	1.94E-03	4.71E-03	1.45E-03	1.12E-03	3.72E-04	8.70E-04
4939	624836.92	4266191.93	5.17E-03	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.40E-04	7.97E-04
4940	624846.81	4266192.1	4.72E-03	1.62E-03	3.95E-03	1.22E-03	9.35E-04	3.11E-04	7.29E-04
4941	624343.41	4266189.47	4.06E-03	1.39E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04
4942	624334.65	4266185.67	3.88E-03	1.33E-03	3.24E-03	9.99E-04	7.68E-04	2.56E-04	5.99E-04
4943	624325.9	4266181.86	3.70E-03	1.27E-03	3.09E-03	9.53E-04	7.33E-04	2.44E-04	5.71E-04
4944	624313.62	4266169.18	3.53E-03	1.21E-03	2.95E-03	9.08E-04	6.98E-04	2.32E-04	5.44E-04
4945	624352.17	4266193.27	4.22E-03	1.45E-03	3.52E-03	1.09E-03	8.35E-04	2.78E-04	6.51E-04
4946	624362.06	4266193.45	4.49E-03	1.54E-03	3.75E-03	1.15E-03	8.88E-04	2.95E-04	6.92E-04
4947	624371.95	4266193.63	4.76E-03	1.64E-03	3.98E-03	1.23E-03	9.42E-04	3.14E-04	7.35E-04
4948	624381.83	4266193.8	5.05E-03	1.74E-03	4.22E-03	1.30E-03	1.00E-03	3.33E-04	7.80E-04
4949	624391.72	4266193.98	5.37E-03	1.85E-03	4.49E-03	1.38E-03	1.06E-03	3.54E-04	8.28E-04
4950	624401.61	4266194.16	5.70E-03	1.96E-03	4.77E-03	1.47E-03	1.13E-03	3.76E-04	8.80E-04
4951	624411.5	4266194.33	6.04E-03	2.08E-03	5.05E-03	1.56E-03	1.20E-03	3.98E-04	9.32E-04
4952	624421.39	4266194.51	6.34E-03	2.18E-03	5.30E-03	1.63E-03	1.26E-03	4.18E-04	9.79E-04
4953	624451.06	4266195.04	6.96E-03	2.39E-03	5.82E-03	1.79E-03	1.38E-03	4.59E-04	1.07E-03
4954	624460.95	4266195.21	7.15E-03	2.46E-03	5.98E-03	1.84E-03	1.42E-03	4.71E-04	1.10E-03
4955	624470.84	4266195.39	7.35E-03	2.53E-03	6.15E-03	1.89E-03	1.46E-03	4.84E-04	1.13E-03
4956	624480.73	4266195.57	7.54E-03	2.59E-03	6.30E-03	1.94E-03	1.49E-03	4.97E-04	1.16E-03
4957	624490.62	4266195.74	7.67E-03	2.64E-03	6.41E-03	1.98E-03	1.52E-03	5.06E-04	1.18E-03
4958	624500.51	4266195.92	7.76E-03	2.67E-03	6.49E-03	2.00E-03	1.54E-03	5.11E-04	1.20E-03
4959	624510.39	4266196.1	7.82E-03	2.69E-03	6.54E-03	2.01E-03	1.55E-03	5.15E-04	1.21E-03
4960	624668.62	4266198.92	7.96E-03	2.74E-03	6.65E-03	2.05E-03	1.58E-03	5.24E-04	1.23E-03
4961	624678.51	4266199.1	7.90E-03	2.72E-03	6.60E-03	2.03E-03	1.56E-03	5.21E-04	1.22E-03
4962	624688.4	4266199.28	7.80E-03	2.68E-03	6.52E-03	2.01E-03	1.54E-03	5.14E-04	1.20E-03
4963	624698.29	4266199.45	7.67E-03	2.64E-03	6.41E-03	1.97E-03	1.52E-03	5.05E-04	1.18E-03
4964	624708.18	4266199.63	7.53E-03	2.59E-03	6.30E-03	1.94E-03	1.49E-03	4.96E-04	1.16E-03
4965	624718.07	4266199.81	7.43E-03	2.56E-03	6.21E-03	1.91E-03	1.47E-03	4.90E-04	1.15E-03
4966	624747.74	4266200.34	7.23E-03	2.49E-03	6.04E-03	1.86E-03	1.43E-03	4.76E-04	1.12E-03
4967	624757.62	4266200.51	7.07E-03	2.43E-03	5.91E-03	1.82E-03	1.40E-03	4.66E-04	1.09E-03
4968	624767.51	4266200.69	6.85E-03	2.35E-03	5.72E-03	1.76E-03	1.36E-03	4.51E-04	1.06E-03
4969	624777.4	4266200.87	6.62E-03	2.28E-03	5.53E-03	1.70E-03	1.31E-03	4.36E-04	1.02E-03
4970	624787.29	4266201.04	6.40E-03	2.20E-03	5.35E-03	1.65E-03	1.27E-03	4.22E-04	9.88E-04
4971	624797.18	4266201.22	6.19E-03	2.13E-03	5.17E-03	1.59E-03	1.22E-03	4.08E-04	9.54E-04
4972	624807.07	4266201.4	5.93E-03	2.04E-03	4.96E-03	1.53E-03	1.17E-03	3.91E-04	9.15E-04
4973	624816.96	4266201.57	5.62E-03	1.93E-03	4.70E-03	1.45E-03	1.11E-03	3.70E-04	8.67E-04
4974	624826.85	4266201.75	5.26E-03	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.11E-04
4975	624836.74	4266201.93	4.87E-03	1.68E-03	4.07E-03	1.26E-03	9.65E-04	3.21E-04	7.52E-04
4976	624846.63	4266202.1	4.50E-03	1.55E-03	3.76E-03	1.16E-03	8.91E-04	2.97E-04	6.95E-04
4977	624326.77	4266192.32	3.58E-03	1.23E-03	3.00E-03	9.22E-04	7.09E-04	2.36E-04	5.53E-04
4978	624318.36	4266188.67	3.43E-03	1.18E-03	2.87E-03	8.84E-04	6.80E-04	2.26E-04	5.30E-04
4979	624306.58	4266176.49	3.29E-03	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.08E-04
4980	624303.2	4266167.97	3.29E-03	1.13E-03	2.75E-03	8.46E-04	6.50E-04	2.16E-04	5.07E-04
4981	624450.88	4266205.04	6.38E-03	2.19E-03	5.33E-03	1.64E-03	1.26E-03	4.20E-04	9.84E-04
4982	624460.77	4266205.21	6.55E-03	2.25E-03	5.47E-03	1.69E-03	1.30E-03	4.32E-04	1.01E-03
4983	624470.66	4266205.39	6.72E-03	2.31E-03	5.62E-03	1.73E-03	1.33E-03	4.43E-04	1.04E-03
4984	624480.55	4266205.57	6.88E-03	2.37E-03	5.75E-03	1.77E-03	1.36E-03	4.54E-04	1.06E-03
4985	624490.44	4266205.74	7.01E-03	2.41E-03	5.86E-03	1.81E-03	1.39E-03	4.62E-04	1.08E-03
4986	624500.33	4266205.92	7.11E-03	2.44E-03	5.94E-03	1.83E-03	1.41E-03	4.68E-04	1.10E-03
4987	624668.44	4266208.92	7.31E-03	2.51E-03	6.11E-03	1.88E-03	1.45E-03	4.81E-04	1.13E-03
4988	624678.33	4266209.1	7.26E-03	2.49E-03	6.06E-03	1.87E-03	1.44E-03	4.78E-04	1.12E-03

4989	624688.22	4266209.27	7.17E-03	2.47E-03	5.99E-03	1.85E-03	1.42E-03	4.72E-04	1.11E-03
4990	624698.11	4266209.45	7.06E-03	2.43E-03	5.90E-03	1.82E-03	1.40E-03	4.65E-04	1.09E-03
4991	624708	4266209.63	6.94E-03	2.39E-03	5.80E-03	1.79E-03	1.37E-03	4.57E-04	1.07E-03
4992	624717.89	4266209.8	6.84E-03	2.35E-03	5.72E-03	1.76E-03	1.35E-03	4.51E-04	1.06E-03
4993	624343.64	4266209.72	3.69E-03	1.27E-03	3.08E-03	9.49E-04	7.30E-04	2.43E-04	5.69E-04
4994	624299.49	4266183.69	3.08E-03	1.06E-03	2.58E-03	7.94E-04	6.10E-04	2.03E-04	4.76E-04
4995	624292.92	4266167.12	3.07E-03	1.06E-03	2.57E-03	7.91E-04	6.08E-04	2.02E-04	4.74E-04
4996	624351.81	4266213.27	3.78E-03	1.30E-03	3.16E-03	9.74E-04	7.49E-04	2.49E-04	5.84E-04
4997	624361.7	4266213.45	3.98E-03	1.37E-03	3.33E-03	1.02E-03	7.88E-04	2.62E-04	6.14E-04
4998	624371.59	4266213.62	4.18E-03	1.44E-03	3.49E-03	1.08E-03	8.28E-04	2.75E-04	6.45E-04
4999	624381.48	4266213.8	4.39E-03	1.51E-03	3.67E-03	1.13E-03	8.70E-04	2.90E-04	6.78E-04
5000	624391.37	4266213.98	4.62E-03	1.59E-03	3.86E-03	1.19E-03	9.14E-04	3.04E-04	7.13E-04
5001	624401.26	4266214.15	4.85E-03	1.67E-03	4.06E-03	1.25E-03	9.61E-04	3.20E-04	7.49E-04
5002	624411.15	4266214.33	5.09E-03	1.75E-03	4.26E-03	1.31E-03	1.01E-03	3.35E-04	7.86E-04
5003	624421.03	4266214.51	5.32E-03	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.20E-04
5004	624450.7	4266215.03	5.87E-03	2.02E-03	4.90E-03	1.51E-03	1.16E-03	3.87E-04	9.05E-04
5005	624460.59	4266215.21	6.03E-03	2.07E-03	5.04E-03	1.55E-03	1.19E-03	3.97E-04	9.30E-04
5006	624470.48	4266215.39	6.18E-03	2.12E-03	5.16E-03	1.59E-03	1.22E-03	4.07E-04	9.53E-04
5007	624480.37	4266215.56	6.32E-03	2.17E-03	5.28E-03	1.63E-03	1.25E-03	4.17E-04	9.75E-04
5008	624490.26	4266215.74	6.44E-03	2.22E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.94E-04
5009	624500.15	4266215.92	6.54E-03	2.25E-03	5.46E-03	1.68E-03	1.29E-03	4.31E-04	1.01E-03
5010	624529.82	4266216.45	6.76E-03	2.32E-03	5.65E-03	1.74E-03	1.34E-03	4.45E-04	1.04E-03
5011	624539.7	4266216.62	6.83E-03	2.35E-03	5.70E-03	1.76E-03	1.35E-03	4.50E-04	1.05E-03
5012	624549.59	4266216.8	6.88E-03	2.37E-03	5.75E-03	1.77E-03	1.36E-03	4.53E-04	1.06E-03
5013	624559.48	4266216.98	6.92E-03	2.38E-03	5.78E-03	1.78E-03	1.37E-03	4.56E-04	1.07E-03
5014	624569.37	4266217.15	6.94E-03	2.39E-03	5.80E-03	1.79E-03	1.37E-03	4.57E-04	1.07E-03
5015	624579.26	4266217.33	6.95E-03	2.39E-03	5.81E-03	1.79E-03	1.38E-03	4.58E-04	1.07E-03
5016	624589.15	4266217.51	6.96E-03	2.39E-03	5.82E-03	1.79E-03	1.38E-03	4.59E-04	1.07E-03
5017	624599.04	4266217.68	6.97E-03	2.40E-03	5.82E-03	1.79E-03	1.38E-03	4.59E-04	1.08E-03
5018	624608.93	4266217.86	6.97E-03	2.40E-03	5.82E-03	1.79E-03	1.38E-03	4.59E-04	1.07E-03
5019	624618.82	4266218.04	6.95E-03	2.39E-03	5.81E-03	1.79E-03	1.37E-03	4.58E-04	1.07E-03
5020	624668.26	4266218.92	6.74E-03	2.32E-03	5.64E-03	1.74E-03	1.33E-03	4.44E-04	1.04E-03
5021	624678.15	4266219.1	6.69E-03	2.30E-03	5.59E-03	1.72E-03	1.32E-03	4.41E-04	1.03E-03
5022	624688.04	4266219.27	6.62E-03	2.27E-03	5.53E-03	1.70E-03	1.31E-03	4.36E-04	1.02E-03
5023	624697.93	4266219.45	6.52E-03	2.24E-03	5.45E-03	1.68E-03	1.29E-03	4.30E-04	1.01E-03
5024	624707.82	4266219.63	6.42E-03	2.21E-03	5.36E-03	1.65E-03	1.27E-03	4.23E-04	9.90E-04
5025	624717.71	4266219.8	6.32E-03	2.17E-03	5.28E-03	1.63E-03	1.25E-03	4.16E-04	9.75E-04
5026	624343.62	4266219.79	3.52E-03	1.21E-03	2.94E-03	9.05E-04	6.96E-04	2.32E-04	5.42E-04
5027	624327.61	4266212.84	3.33E-03	1.14E-03	2.78E-03	8.57E-04	6.59E-04	2.19E-04	5.13E-04
5028	624292.37	4266190.81	2.90E-03	9.97E-04	2.42E-03	7.47E-04	5.74E-04	1.91E-04	4.47E-04
5029	624289.15	4266182.7	2.90E-03	9.97E-04	2.42E-03	7.46E-04	5.74E-04	1.91E-04	4.47E-04
5030	624282.72	4266166.47	2.88E-03	9.91E-04	2.41E-03	7.42E-04	5.70E-04	1.90E-04	4.45E-04
5031	624361.52	4266223.44	3.77E-03	1.29E-03	3.15E-03	9.70E-04	7.45E-04	2.48E-04	5.81E-04
5032	624371.41	4266223.62	3.94E-03	1.36E-03	3.30E-03	1.02E-03	7.80E-04	2.60E-04	6.08E-04
5033	624381.3	4266223.8	4.13E-03	1.42E-03	3.45E-03	1.06E-03	8.17E-04	2.72E-04	6.37E-04
5034	624391.19	4266223.97	4.32E-03	1.49E-03	3.61E-03	1.11E-03	8.55E-04	2.85E-04	6.67E-04
5035	624401.08	4266224.15	4.52E-03	1.55E-03	3.78E-03	1.16E-03	8.95E-04	2.98E-04	6.97E-04
5036	624410.97	4266224.33	4.72E-03	1.62E-03	3.95E-03	1.22E-03	9.34E-04	3.11E-04	7.28E-04
5037	624420.86	4266224.5	4.92E-03	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.59E-04
5038	624450.52	4266225.03	5.42E-03	1.87E-03	4.53E-03	1.40E-03	1.07E-03	3.57E-04	8.37E-04
5039	624460.41	4266225.21	5.57E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.67E-04	8.59E-04
5040	624470.3	4266225.39	5.71E-03	1.96E-03	4.77E-03	1.47E-03	1.13E-03	3.76E-04	8.80E-04

5041	624480.19	4266225.56	5.83E-03	2.01E-03	4.88E-03	1.50E-03	1.15E-03	3.84E-04	9.00E-04
5042	624490.08	4266225.74	5.94E-03	2.04E-03	4.97E-03	1.53E-03	1.18E-03	3.92E-04	9.17E-04
5043	624499.97	4266225.92	6.04E-03	2.08E-03	5.05E-03	1.55E-03	1.20E-03	3.98E-04	9.32E-04
5044	624529.64	4266226.45	6.25E-03	2.15E-03	5.22E-03	1.61E-03	1.24E-03	4.12E-04	9.64E-04
5045	624539.53	4266226.62	6.31E-03	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.16E-04	9.73E-04
5046	624549.42	4266226.8	6.36E-03	2.19E-03	5.32E-03	1.64E-03	1.26E-03	4.19E-04	9.81E-04
5047	624559.3	4266226.98	6.40E-03	2.20E-03	5.35E-03	1.65E-03	1.27E-03	4.22E-04	9.87E-04
5048	624569.19	4266227.15	6.42E-03	2.21E-03	5.37E-03	1.65E-03	1.27E-03	4.23E-04	9.91E-04
5049	624579.08	4266227.33	6.44E-03	2.21E-03	5.38E-03	1.66E-03	1.27E-03	4.24E-04	9.93E-04
5050	624588.97	4266227.51	6.44E-03	2.22E-03	5.39E-03	1.66E-03	1.28E-03	4.25E-04	9.94E-04
5051	624598.86	4266227.68	6.45E-03	2.22E-03	5.39E-03	1.66E-03	1.28E-03	4.25E-04	9.95E-04
5052	624608.75	4266227.86	6.44E-03	2.22E-03	5.39E-03	1.66E-03	1.28E-03	4.25E-04	9.94E-04
5053	624618.64	4266228.04	6.43E-03	2.21E-03	5.37E-03	1.66E-03	1.27E-03	4.24E-04	9.92E-04
5054	624628.53	4266228.21	6.40E-03	2.20E-03	5.35E-03	1.65E-03	1.27E-03	4.22E-04	9.88E-04
5055	624638.42	4266228.39	6.37E-03	2.19E-03	5.32E-03	1.64E-03	1.26E-03	4.20E-04	9.83E-04
5056	624668.09	4266228.92	6.25E-03	2.15E-03	5.22E-03	1.61E-03	1.24E-03	4.12E-04	9.64E-04
5057	624677.98	4266229.1	6.20E-03	2.13E-03	5.18E-03	1.60E-03	1.23E-03	4.08E-04	9.56E-04
5058	624687.86	4266229.27	6.13E-03	2.11E-03	5.12E-03	1.58E-03	1.21E-03	4.04E-04	9.46E-04
5059	624697.75	4266229.45	6.05E-03	2.08E-03	5.05E-03	1.56E-03	1.20E-03	3.98E-04	9.33E-04
5060	624707.64	4266229.62	5.95E-03	2.05E-03	4.98E-03	1.53E-03	1.18E-03	3.92E-04	9.19E-04
5061	624717.53	4266229.8	5.86E-03	2.01E-03	4.90E-03	1.51E-03	1.16E-03	3.86E-04	9.04E-04
5062	624747.2	4266230.33	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04
5063	624757.09	4266230.51	5.44E-03	1.87E-03	4.55E-03	1.40E-03	1.08E-03	3.58E-04	8.39E-04
5064	624766.98	4266230.68	5.30E-03	1.82E-03	4.43E-03	1.37E-03	1.05E-03	3.49E-04	8.18E-04
5065	624776.87	4266230.86	5.15E-03	1.77E-03	4.31E-03	1.33E-03	1.02E-03	3.39E-04	7.95E-04
5066	624786.76	4266231.04	5.00E-03	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04
5067	624796.65	4266231.21	4.84E-03	1.66E-03	4.04E-03	1.25E-03	9.58E-04	3.19E-04	7.47E-04
5068	624806.53	4266231.39	4.68E-03	1.61E-03	3.91E-03	1.20E-03	9.25E-04	3.08E-04	7.21E-04
5069	624816.42	4266231.57	4.50E-03	1.55E-03	3.76E-03	1.16E-03	8.90E-04	2.96E-04	6.94E-04
5070	624826.31	4266231.74	4.30E-03	1.48E-03	3.59E-03	1.11E-03	8.51E-04	2.83E-04	6.64E-04
5071	624836.2	4266231.92	4.09E-03	1.41E-03	3.42E-03	1.05E-03	8.09E-04	2.69E-04	6.31E-04
5072	624846.09	4266232.1	3.87E-03	1.33E-03	3.23E-03	9.96E-04	7.66E-04	2.55E-04	5.97E-04
5073	624342.45	4266229.35	3.35E-03	1.15E-03	2.80E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04
5074	624333.44	4266225.44	3.26E-03	1.12E-03	2.72E-03	8.39E-04	6.45E-04	2.15E-04	5.03E-04
5075	624324.43	4266221.53	3.16E-03	1.09E-03	2.64E-03	8.14E-04	6.26E-04	2.08E-04	4.88E-04
5076	624315.42	4266217.62	3.06E-03	1.05E-03	2.56E-03	7.88E-04	6.06E-04	2.02E-04	4.72E-04
5077	624306.42	4266213.71	2.95E-03	1.01E-03	2.47E-03	7.60E-04	5.84E-04	1.94E-04	4.55E-04
5078	624297.41	4266209.79	2.84E-03	9.77E-04	2.37E-03	7.32E-04	5.62E-04	1.87E-04	4.38E-04
5079	624281.16	4266187.62	2.74E-03	9.41E-04	2.29E-03	7.04E-04	5.41E-04	1.80E-04	4.22E-04
5080	624277.54	4266178.5	2.73E-03	9.38E-04	2.28E-03	7.03E-04	5.40E-04	1.80E-04	4.21E-04
5081	624273.93	4266169.37	2.72E-03	9.34E-04	2.27E-03	7.00E-04	5.38E-04	1.79E-04	4.19E-04
5082	624351.45	4266233.27	3.42E-03	1.18E-03	2.86E-03	8.81E-04	6.77E-04	2.25E-04	5.28E-04
5083	624361.34	4266233.44	3.57E-03	1.23E-03	2.99E-03	9.20E-04	7.07E-04	2.35E-04	5.51E-04
5084	624371.23	4266233.62	3.73E-03	1.28E-03	3.12E-03	9.60E-04	7.38E-04	2.46E-04	5.75E-04
5085	624381.12	4266233.8	3.89E-03	1.34E-03	3.25E-03	1.00E-03	7.70E-04	2.56E-04	6.00E-04
5086	624391.01	4266233.97	4.06E-03	1.39E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04
5087	624400.9	4266234.15	4.22E-03	1.45E-03	3.53E-03	1.09E-03	8.36E-04	2.78E-04	6.52E-04
5088	624410.79	4266234.33	4.40E-03	1.51E-03	3.68E-03	1.13E-03	8.70E-04	2.90E-04	6.79E-04
5089	624420.68	4266234.5	4.57E-03	1.57E-03	3.82E-03	1.18E-03	9.04E-04	3.01E-04	7.05E-04
5090	624450.35	4266235.03	5.03E-03	1.73E-03	4.21E-03	1.30E-03	9.96E-04	3.32E-04	7.76E-04
5091	624460.23	4266235.21	5.16E-03	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.40E-04	7.97E-04
5092	624470.12	4266235.38	5.29E-03	1.82E-03	4.42E-03	1.36E-03	1.05E-03	3.49E-04	8.16E-04

5093	624480.01	4266235.56	5.41E-03	1.86E-03	4.52E-03	1.39E-03	1.07E-03	3.56E-04	8.34E-04
5094	624489.9	4266235.74	5.51E-03	1.89E-03	4.61E-03	1.42E-03	1.09E-03	3.63E-04	8.50E-04
5095	624499.79	4266235.91	5.60E-03	1.93E-03	4.68E-03	1.44E-03	1.11E-03	3.69E-04	8.64E-04
5096	624529.46	4266236.44	5.80E-03	2.00E-03	4.85E-03	1.49E-03	1.15E-03	3.82E-04	8.95E-04
5097	624539.35	4266236.62	5.85E-03	2.01E-03	4.89E-03	1.51E-03	1.16E-03	3.86E-04	9.03E-04
5098	624549.24	4266236.8	5.90E-03	2.03E-03	4.93E-03	1.52E-03	1.17E-03	3.89E-04	9.11E-04
5099	624559.13	4266236.97	5.94E-03	2.04E-03	4.96E-03	1.53E-03	1.18E-03	3.91E-04	9.17E-04
5100	624569.02	4266237.15	5.97E-03	2.05E-03	4.99E-03	1.54E-03	1.18E-03	3.93E-04	9.21E-04
5101	624578.9	4266237.33	5.98E-03	2.06E-03	5.00E-03	1.54E-03	1.18E-03	3.94E-04	9.23E-04
5102	624588.79	4266237.5	5.99E-03	2.06E-03	5.01E-03	1.54E-03	1.19E-03	3.95E-04	9.24E-04
5103	624598.68	4266237.68	5.99E-03	2.06E-03	5.01E-03	1.54E-03	1.19E-03	3.95E-04	9.24E-04
5104	624608.57	4266237.86	5.99E-03	2.06E-03	5.00E-03	1.54E-03	1.19E-03	3.94E-04	9.24E-04
5105	624618.46	4266238.03	5.98E-03	2.06E-03	5.00E-03	1.54E-03	1.18E-03	3.94E-04	9.22E-04
5106	624628.35	4266238.21	5.96E-03	2.05E-03	4.98E-03	1.53E-03	1.18E-03	3.92E-04	9.19E-04
5107	624638.24	4266238.39	5.93E-03	2.04E-03	4.95E-03	1.53E-03	1.17E-03	3.91E-04	9.15E-04
5108	624667.91	4266238.92	5.81E-03	2.00E-03	4.86E-03	1.50E-03	1.15E-03	3.83E-04	8.97E-04
5109	624677.8	4266239.09	5.76E-03	1.98E-03	4.82E-03	1.48E-03	1.14E-03	3.80E-04	8.89E-04
5110	624687.69	4266239.27	5.70E-03	1.96E-03	4.76E-03	1.47E-03	1.13E-03	3.76E-04	8.79E-04
5111	624697.58	4266239.45	5.62E-03	1.93E-03	4.70E-03	1.45E-03	1.11E-03	3.71E-04	8.68E-04
5112	624707.46	4266239.62	5.54E-03	1.91E-03	4.63E-03	1.43E-03	1.10E-03	3.65E-04	8.55E-04
5113	624717.35	4266239.8	5.45E-03	1.87E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.41E-04
5114	624747.02	4266240.33	5.16E-03	1.77E-03	4.31E-03	1.33E-03	1.02E-03	3.40E-04	7.96E-04
5115	624756.91	4266240.51	5.05E-03	1.74E-03	4.22E-03	1.30E-03	9.99E-04	3.33E-04	7.79E-04
5116	624766.8	4266240.68	4.93E-03	1.69E-03	4.12E-03	1.27E-03	9.75E-04	3.24E-04	7.60E-04
5117	624776.69	4266240.86	4.79E-03	1.65E-03	4.01E-03	1.23E-03	9.49E-04	3.16E-04	7.40E-04
5118	624786.58	4266241.04	4.65E-03	1.60E-03	3.89E-03	1.20E-03	9.21E-04	3.07E-04	7.18E-04
5119	624796.47	4266241.21	4.51E-03	1.55E-03	3.77E-03	1.16E-03	8.93E-04	2.97E-04	6.96E-04
5120	624806.36	4266241.39	4.37E-03	1.50E-03	3.65E-03	1.12E-03	8.65E-04	2.88E-04	6.74E-04
5121	624816.25	4266241.57	4.21E-03	1.45E-03	3.52E-03	1.09E-03	8.34E-04	2.78E-04	6.50E-04
5122	624826.13	4266241.74	4.05E-03	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.25E-04
5123	624836.02	4266241.92	3.87E-03	1.33E-03	3.23E-03	9.96E-04	7.66E-04	2.55E-04	5.97E-04
5124	624845.91	4266242.1	3.68E-03	1.27E-03	3.08E-03	9.47E-04	7.28E-04	2.42E-04	5.68E-04
5125	624342.52	4266239.46	3.20E-03	1.10E-03	2.67E-03	8.23E-04	6.33E-04	2.11E-04	4.93E-04
5126	624333.76	4266235.66	3.13E-03	1.08E-03	2.61E-03	8.05E-04	6.19E-04	2.06E-04	4.82E-04
5127	624325	4266231.85	3.05E-03	1.05E-03	2.55E-03	7.85E-04	6.03E-04	2.01E-04	4.70E-04
5128	624316.25	4266228.05	2.96E-03	1.02E-03	2.48E-03	7.63E-04	5.86E-04	1.95E-04	4.57E-04
5129	624307.49	4266224.25	2.87E-03	9.87E-04	2.40E-03	7.39E-04	5.68E-04	1.89E-04	4.43E-04
5130	624298.73	4266220.45	2.78E-03	9.55E-04	2.32E-03	7.15E-04	5.50E-04	1.83E-04	4.28E-04
5131	624289.97	4266216.64	2.68E-03	9.22E-04	2.24E-03	6.90E-04	5.31E-04	1.77E-04	4.14E-04
5132	624274.18	4266195.09	2.59E-03	8.90E-04	2.16E-03	6.67E-04	5.12E-04	1.71E-04	4.00E-04
5133	624270.66	4266186.21	2.58E-03	8.89E-04	2.16E-03	6.65E-04	5.12E-04	1.70E-04	3.99E-04
5134	624267.14	4266177.34	2.58E-03	8.86E-04	2.15E-03	6.63E-04	5.10E-04	1.70E-04	3.97E-04
5135	624263.62	4266168.46	2.56E-03	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.95E-04
5136	624351.27	4266243.26	3.26E-03	1.12E-03	2.73E-03	8.40E-04	6.46E-04	2.15E-04	5.03E-04
5137	624361.16	4266243.44	3.40E-03	1.17E-03	2.84E-03	8.74E-04	6.72E-04	2.24E-04	5.24E-04
5138	624371.05	4266243.62	3.53E-03	1.22E-03	2.95E-03	9.10E-04	7.00E-04	2.33E-04	5.45E-04
5139	624380.94	4266243.79	3.68E-03	1.26E-03	3.07E-03	9.46E-04	7.28E-04	2.42E-04	5.67E-04
5140	624390.83	4266243.97	3.82E-03	1.31E-03	3.19E-03	9.83E-04	7.56E-04	2.52E-04	5.89E-04
5141	624400.72	4266244.15	3.97E-03	1.36E-03	3.31E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04
5142	624410.61	4266244.32	4.12E-03	1.42E-03	3.44E-03	1.06E-03	8.15E-04	2.71E-04	6.35E-04
5143	624420.5	4266244.5	4.27E-03	1.47E-03	3.57E-03	1.10E-03	8.45E-04	2.81E-04	6.58E-04
5144	624450.17	4266245.03	4.69E-03	1.61E-03	3.92E-03	1.21E-03	9.28E-04	3.09E-04	7.23E-04

5145	624460.06	4266245.21	4.81E-03	1.65E-03	4.02E-03	1.24E-03	9.52E-04	3.17E-04	7.42E-04
5146	624469.94	4266245.38	4.92E-03	1.69E-03	4.11E-03	1.27E-03	9.74E-04	3.24E-04	7.60E-04
5147	624479.83	4266245.56	5.03E-03	1.73E-03	4.20E-03	1.29E-03	9.95E-04	3.31E-04	7.76E-04
5148	624489.72	4266245.74	5.13E-03	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.38E-04	7.91E-04
5149	624499.61	4266245.91	5.21E-03	1.79E-03	4.36E-03	1.34E-03	1.03E-03	3.44E-04	8.05E-04
5150	624529.28	4266246.44	5.40E-03	1.86E-03	4.52E-03	1.39E-03	1.07E-03	3.56E-04	8.34E-04
5151	624539.17	4266246.62	5.45E-03	1.87E-03	4.56E-03	1.40E-03	1.08E-03	3.59E-04	8.41E-04
5152	624549.06	4266246.8	5.50E-03	1.89E-03	4.59E-03	1.41E-03	1.09E-03	3.62E-04	8.48E-04
5153	624558.95	4266246.97	5.53E-03	1.90E-03	4.62E-03	1.42E-03	1.10E-03	3.65E-04	8.54E-04
5154	624568.84	4266247.15	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04
5155	624578.73	4266247.33	5.58E-03	1.92E-03	4.66E-03	1.44E-03	1.10E-03	3.67E-04	8.60E-04
5156	624588.62	4266247.5	5.58E-03	1.92E-03	4.67E-03	1.44E-03	1.10E-03	3.68E-04	8.61E-04
5157	624598.5	4266247.68	5.58E-03	1.92E-03	4.67E-03	1.44E-03	1.11E-03	3.68E-04	8.62E-04
5158	624608.39	4266247.86	5.58E-03	1.92E-03	4.67E-03	1.44E-03	1.10E-03	3.68E-04	8.61E-04
5159	624618.28	4266248.03	5.57E-03	1.92E-03	4.66E-03	1.44E-03	1.10E-03	3.67E-04	8.60E-04
5160	624628.17	4266248.21	5.56E-03	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.66E-04	8.58E-04
5161	624638.06	4266248.39	5.53E-03	1.90E-03	4.63E-03	1.42E-03	1.10E-03	3.65E-04	8.54E-04
5162	624667.73	4266248.92	5.42E-03	1.86E-03	4.53E-03	1.40E-03	1.07E-03	3.57E-04	8.37E-04
5163	624677.62	4266249.09	5.37E-03	1.85E-03	4.49E-03	1.38E-03	1.06E-03	3.54E-04	8.29E-04
5164	624687.51	4266249.27	5.32E-03	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.21E-04
5165	624697.4	4266249.45	5.25E-03	1.81E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.10E-04
5166	624707.29	4266249.62	5.17E-03	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.41E-04	7.98E-04
5167	624717.17	4266249.8	5.09E-03	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.85E-04
5168	624746.84	4266250.33	4.81E-03	1.65E-03	4.02E-03	1.24E-03	9.52E-04	3.17E-04	7.42E-04
5169	624756.73	4266250.5	4.71E-03	1.62E-03	3.93E-03	1.21E-03	9.32E-04	3.10E-04	7.26E-04
5170	624766.62	4266250.68	4.60E-03	1.58E-03	3.84E-03	1.18E-03	9.10E-04	3.03E-04	7.09E-04
5171	624776.51	4266250.86	4.48E-03	1.54E-03	3.74E-03	1.15E-03	8.87E-04	2.95E-04	6.91E-04
5172	624786.4	4266251.03	4.36E-03	1.50E-03	3.64E-03	1.12E-03	8.62E-04	2.87E-04	6.72E-04
5173	624796.29	4266251.21	4.23E-03	1.45E-03	3.53E-03	1.09E-03	8.37E-04	2.79E-04	6.53E-04
5174	624806.18	4266251.39	4.10E-03	1.41E-03	3.43E-03	1.06E-03	8.12E-04	2.70E-04	6.33E-04
5175	624816.07	4266251.56	3.97E-03	1.36E-03	3.31E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04
5176	624825.96	4266251.74	3.82E-03	1.31E-03	3.19E-03	9.84E-04	7.56E-04	2.52E-04	5.89E-04
5177	624835.85	4266251.92	3.67E-03	1.26E-03	3.06E-03	9.44E-04	7.25E-04	2.41E-04	5.66E-04
5178	624845.73	4266252.09	3.50E-03	1.20E-03	2.93E-03	9.02E-04	6.93E-04	2.31E-04	5.41E-04
5179	624342.07	4266264.46	2.87E-03	9.87E-04	2.40E-03	7.39E-04	5.68E-04	1.89E-04	4.43E-04
5180	624333.31	4266260.65	2.82E-03	9.70E-04	2.36E-03	7.26E-04	5.58E-04	1.86E-04	4.35E-04
5181	624324.56	4266256.85	2.77E-03	9.51E-04	2.31E-03	7.12E-04	5.47E-04	1.82E-04	4.27E-04
5182	624315.8	4266253.05	2.70E-03	9.30E-04	2.26E-03	6.96E-04	5.35E-04	1.78E-04	4.17E-04
5183	624307.04	4266249.24	2.64E-03	9.08E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.07E-04
5184	624298.28	4266245.44	2.57E-03	8.84E-04	2.15E-03	6.62E-04	5.09E-04	1.69E-04	3.97E-04
5185	624289.53	4266241.64	2.50E-03	8.59E-04	2.09E-03	6.43E-04	4.94E-04	1.65E-04	3.85E-04
5186	624280.77	4266237.83	2.42E-03	8.33E-04	2.03E-03	6.24E-04	4.80E-04	1.60E-04	3.74E-04
5187	624272.01	4266234.03	2.35E-03	8.08E-04	1.96E-03	6.05E-04	4.65E-04	1.55E-04	3.62E-04
5188	624259.74	4266221.35	2.28E-03	7.83E-04	1.90E-03	5.87E-04	4.51E-04	1.50E-04	3.52E-04
5189	624256.22	4266212.48	2.28E-03	7.84E-04	1.90E-03	5.87E-04	4.51E-04	1.50E-04	3.52E-04
5190	624249.18	4266194.73	2.27E-03	7.81E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04
5191	624245.66	4266185.85	2.26E-03	7.78E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04
5192	624242.15	4266176.97	2.25E-03	7.74E-04	1.88E-03	5.80E-04	4.46E-04	1.48E-04	3.48E-04
5193	624238.63	4266168.1	2.24E-03	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04
5194	624350.83	4266268.26	2.92E-03	1.00E-03	2.44E-03	7.52E-04	5.78E-04	1.92E-04	4.50E-04
5195	624360.72	4266268.44	3.02E-03	1.04E-03	2.53E-03	7.78E-04	5.98E-04	1.99E-04	4.66E-04
5196	624370.61	4266268.61	3.13E-03	1.07E-03	2.61E-03	8.05E-04	6.19E-04	2.06E-04	4.82E-04

5197	624380.5	4266268.79	3.23E-03	1.11E-03	2.70E-03	8.31E-04	6.39E-04	2.13E-04	4.98E-04
5198	624390.38	4266268.97	3.33E-03	1.15E-03	2.79E-03	8.58E-04	6.60E-04	2.20E-04	5.14E-04
5199	624400.27	4266269.14	3.44E-03	1.18E-03	2.87E-03	8.86E-04	6.81E-04	2.27E-04	5.31E-04
5200	624410.16	4266269.32	3.55E-03	1.22E-03	2.97E-03	9.14E-04	7.03E-04	2.34E-04	5.48E-04
5201	624420.05	4266269.5	3.66E-03	1.26E-03	3.06E-03	9.43E-04	7.25E-04	2.41E-04	5.65E-04
5202	624449.72	4266270.03	3.98E-03	1.37E-03	3.33E-03	1.03E-03	7.88E-04	2.62E-04	6.15E-04
5203	624459.61	4266270.2	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04
5204	624469.5	4266270.38	4.17E-03	1.43E-03	3.49E-03	1.07E-03	8.25E-04	2.75E-04	6.43E-04
5205	624479.39	4266270.56	4.26E-03	1.46E-03	3.56E-03	1.10E-03	8.42E-04	2.80E-04	6.57E-04
5206	624489.28	4266270.73	4.34E-03	1.49E-03	3.62E-03	1.12E-03	8.58E-04	2.86E-04	6.69E-04
5207	624499.17	4266270.91	4.41E-03	1.52E-03	3.69E-03	1.14E-03	8.73E-04	2.91E-04	6.80E-04
5208	624528.83	4266271.44	4.57E-03	1.57E-03	3.82E-03	1.18E-03	9.05E-04	3.01E-04	7.06E-04
5209	624538.72	4266271.62	4.62E-03	1.59E-03	3.86E-03	1.19E-03	9.14E-04	3.04E-04	7.12E-04
5210	624548.61	4266271.79	4.65E-03	1.60E-03	3.89E-03	1.20E-03	9.21E-04	3.07E-04	7.18E-04
5211	624558.5	4266271.97	4.69E-03	1.61E-03	3.92E-03	1.21E-03	9.28E-04	3.09E-04	7.23E-04
5212	624568.39	4266272.15	4.71E-03	1.62E-03	3.94E-03	1.21E-03	9.32E-04	3.10E-04	7.27E-04
5213	624578.28	4266272.32	4.73E-03	1.62E-03	3.95E-03	1.22E-03	9.35E-04	3.11E-04	7.29E-04
5214	624588.17	4266272.5	4.73E-03	1.63E-03	3.96E-03	1.22E-03	9.37E-04	3.12E-04	7.30E-04
5215	624598.06	4266272.68	4.74E-03	1.63E-03	3.96E-03	1.22E-03	9.38E-04	3.12E-04	7.31E-04
5216	624607.95	4266272.85	4.74E-03	1.63E-03	3.96E-03	1.22E-03	9.38E-04	3.12E-04	7.31E-04
5217	624617.84	4266273.03	4.73E-03	1.63E-03	3.96E-03	1.22E-03	9.37E-04	3.12E-04	7.30E-04
5218	624627.73	4266273.2	4.72E-03	1.62E-03	3.95E-03	1.22E-03	9.35E-04	3.11E-04	7.29E-04
5219	624637.61	4266273.38	4.70E-03	1.62E-03	3.93E-03	1.21E-03	9.31E-04	3.10E-04	7.26E-04
5220	624667.28	4266273.91	4.61E-03	1.59E-03	3.85E-03	1.19E-03	9.13E-04	3.04E-04	7.11E-04
5221	624677.17	4266274.09	4.57E-03	1.57E-03	3.82E-03	1.18E-03	9.05E-04	3.01E-04	7.05E-04
5222	624687.06	4266274.26	4.53E-03	1.56E-03	3.78E-03	1.17E-03	8.96E-04	2.98E-04	6.99E-04
5223	624696.95	4266274.44	4.47E-03	1.54E-03	3.74E-03	1.15E-03	8.85E-04	2.95E-04	6.90E-04
5224	624706.84	4266274.62	4.41E-03	1.52E-03	3.68E-03	1.13E-03	8.72E-04	2.90E-04	6.80E-04
5225	624716.73	4266274.79	4.34E-03	1.49E-03	3.62E-03	1.12E-03	8.58E-04	2.86E-04	6.69E-04
5226	624746.4	4266275.32	4.10E-03	1.41E-03	3.43E-03	1.06E-03	8.12E-04	2.70E-04	6.33E-04
5227	624756.29	4266275.5	4.02E-03	1.38E-03	3.36E-03	1.04E-03	7.96E-04	2.65E-04	6.20E-04
5228	624766.17	4266275.68	3.93E-03	1.35E-03	3.29E-03	1.01E-03	7.79E-04	2.59E-04	6.07E-04
5229	624776.06	4266275.85	3.84E-03	1.32E-03	3.21E-03	9.89E-04	7.61E-04	2.53E-04	5.93E-04
5230	624785.95	4266276.03	3.75E-03	1.29E-03	3.13E-03	9.65E-04	7.42E-04	2.47E-04	5.78E-04
5231	624795.84	4266276.21	3.65E-03	1.26E-03	3.05E-03	9.40E-04	7.22E-04	2.40E-04	5.63E-04
5232	624805.73	4266276.38	3.55E-03	1.22E-03	2.97E-03	9.14E-04	7.03E-04	2.34E-04	5.48E-04
5233	624815.62	4266276.56	3.45E-03	1.19E-03	2.88E-03	8.88E-04	6.83E-04	2.27E-04	5.32E-04
5234	624825.51	4266276.74	3.34E-03	1.15E-03	2.80E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04
5235	624835.4	4266276.91	3.23E-03	1.11E-03	2.70E-03	8.32E-04	6.40E-04	2.13E-04	4.99E-04
5236	624845.29	4266277.09	3.12E-03	1.07E-03	2.60E-03	8.02E-04	6.17E-04	2.05E-04	4.81E-04
5237	624315.35	4266278.04	2.48E-03	8.52E-04	2.07E-03	6.38E-04	4.90E-04	1.63E-04	3.82E-04
5238	624306.6	4266274.24	2.43E-03	8.35E-04	2.03E-03	6.25E-04	4.81E-04	1.60E-04	3.75E-04
5239	624297.84	4266270.44	2.38E-03	8.17E-04	1.99E-03	6.12E-04	4.71E-04	1.57E-04	3.67E-04
5240	624289.08	4266266.63	2.32E-03	7.99E-04	1.94E-03	5.98E-04	4.60E-04	1.53E-04	3.58E-04
5241	624280.32	4266262.83	2.26E-03	7.79E-04	1.89E-03	5.83E-04	4.48E-04	1.49E-04	3.49E-04
5242	624271.57	4266259.03	2.20E-03	7.58E-04	1.84E-03	5.68E-04	4.36E-04	1.45E-04	3.40E-04
5243	624262.81	4266255.22	2.14E-03	7.37E-04	1.79E-03	5.52E-04	4.24E-04	1.41E-04	3.31E-04
5244	624254.05	4266251.42	2.08E-03	7.16E-04	1.74E-03	5.36E-04	4.12E-04	1.37E-04	3.21E-04
5245	624241.78	4266238.74	2.03E-03	6.97E-04	1.69E-03	5.22E-04	4.01E-04	1.34E-04	3.13E-04
5246	624238.26	4266229.87	2.03E-03	6.98E-04	1.70E-03	5.22E-04	4.02E-04	1.34E-04	3.13E-04
5247	624234.74	4266220.99	2.03E-03	6.97E-04	1.69E-03	5.22E-04	4.01E-04	1.34E-04	3.13E-04
5248	624231.22	4266212.12	2.03E-03	6.96E-04	1.69E-03	5.21E-04	4.01E-04	1.33E-04	3.12E-04

5249	624227.7	4266203.24	2.02E-03	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04
5250	624224.18	4266194.36	2.01E-03	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.11E-04
5251	624220.67	4266185.49	2.00E-03	6.89E-04	1.67E-03	5.16E-04	3.96E-04	1.32E-04	3.09E-04
5252	624217.15	4266176.61	1.99E-03	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04
5253	624213.63	4266167.74	1.97E-03	6.79E-04	1.65E-03	5.08E-04	3.91E-04	1.30E-04	3.05E-04
5254	624449.27	4266295.02	3.45E-03	1.19E-03	2.88E-03	8.88E-04	6.83E-04	2.27E-04	5.32E-04
5255	624459.16	4266295.2	3.52E-03	1.21E-03	2.94E-03	9.07E-04	6.97E-04	2.32E-04	5.44E-04
5256	624469.05	4266295.38	3.60E-03	1.24E-03	3.01E-03	9.26E-04	7.12E-04	2.37E-04	5.55E-04
5257	624478.94	4266295.55	3.67E-03	1.26E-03	3.06E-03	9.44E-04	7.25E-04	2.41E-04	5.66E-04
5258	624488.83	4266295.73	3.73E-03	1.28E-03	3.12E-03	9.60E-04	7.38E-04	2.46E-04	5.76E-04
5259	624498.72	4266295.91	3.79E-03	1.30E-03	3.17E-03	9.76E-04	7.50E-04	2.50E-04	5.85E-04
5260	624577.83	4266297.32	4.06E-03	1.40E-03	3.39E-03	1.05E-03	8.04E-04	2.68E-04	6.27E-04
5261	624587.72	4266297.49	4.07E-03	1.40E-03	3.40E-03	1.05E-03	8.06E-04	2.68E-04	6.28E-04
5262	624597.61	4266297.67	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04
5263	624607.5	4266297.85	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04
5264	624617.39	4266298.02	4.08E-03	1.40E-03	3.41E-03	1.05E-03	8.07E-04	2.69E-04	6.29E-04
5265	624627.28	4266298.2	4.07E-03	1.40E-03	3.40E-03	1.05E-03	8.05E-04	2.68E-04	6.27E-04
5266	624637.17	4266298.38	4.05E-03	1.39E-03	3.39E-03	1.04E-03	8.02E-04	2.67E-04	6.25E-04
5267	624666.84	4266298.91	3.97E-03	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.13E-04
5268	624676.73	4266299.08	3.94E-03	1.36E-03	3.30E-03	1.02E-03	7.80E-04	2.60E-04	6.08E-04
5269	624686.61	4266299.26	3.90E-03	1.34E-03	3.26E-03	1.01E-03	7.73E-04	2.57E-04	6.03E-04
5270	624696.5	4266299.44	3.86E-03	1.33E-03	3.23E-03	9.94E-04	7.64E-04	2.54E-04	5.96E-04
5271	624706.39	4266299.61	3.81E-03	1.31E-03	3.18E-03	9.81E-04	7.54E-04	2.51E-04	5.88E-04
5272	624716.28	4266299.79	3.75E-03	1.29E-03	3.14E-03	9.66E-04	7.42E-04	2.47E-04	5.79E-04
5273	624726.17	4266299.97	3.69E-03	1.27E-03	3.08E-03	9.50E-04	7.30E-04	2.43E-04	5.69E-04
5274	624341.18	4266314.45	2.37E-03	8.16E-04	1.98E-03	6.11E-04	4.69E-04	1.56E-04	3.66E-04
5275	624332.42	4266310.65	2.34E-03	8.05E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.61E-04
5276	624323.66	4266306.84	2.31E-03	7.94E-04	1.93E-03	5.95E-04	4.57E-04	1.52E-04	3.56E-04
5277	624314.91	4266303.04	2.28E-03	7.83E-04	1.90E-03	5.86E-04	4.51E-04	1.50E-04	3.51E-04
5278	624306.15	4266299.24	2.24E-03	7.70E-04	1.87E-03	5.77E-04	4.43E-04	1.48E-04	3.46E-04
5279	624297.39	4266295.43	2.20E-03	7.57E-04	1.84E-03	5.67E-04	4.36E-04	1.45E-04	3.40E-04
5280	624288.63	4266291.63	2.16E-03	7.42E-04	1.80E-03	5.56E-04	4.27E-04	1.42E-04	3.33E-04
5281	624279.88	4266287.83	2.11E-03	7.27E-04	1.77E-03	5.44E-04	4.18E-04	1.39E-04	3.26E-04
5282	624271.12	4266284.02	2.07E-03	7.11E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04
5283	624262.36	4266280.22	2.02E-03	6.94E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04
5284	624253.6	4266276.42	1.97E-03	6.77E-04	1.65E-03	5.07E-04	3.90E-04	1.30E-04	3.04E-04
5285	624244.85	4266272.61	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04
5286	624236.09	4266268.81	1.87E-03	6.43E-04	1.56E-03	4.81E-04	3.70E-04	1.23E-04	2.88E-04
5287	624223.81	4266256.13	1.82E-03	6.27E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04
5288	624220.3	4266247.26	1.82E-03	6.27E-04	1.52E-03	4.70E-04	3.61E-04	1.20E-04	2.81E-04
5289	624216.78	4266238.38	1.82E-03	6.27E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04
5290	624213.26	4266229.51	1.82E-03	6.26E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04
5291	624209.74	4266220.63	1.82E-03	6.25E-04	1.52E-03	4.68E-04	3.60E-04	1.20E-04	2.81E-04
5292	624206.22	4266211.75	1.81E-03	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.19E-04	2.80E-04
5293	624202.71	4266202.88	1.81E-03	6.21E-04	1.51E-03	4.65E-04	3.58E-04	1.19E-04	2.79E-04
5294	624199.19	4266194	1.80E-03	6.18E-04	1.50E-03	4.63E-04	3.56E-04	1.18E-04	2.77E-04
5295	624195.67	4266185.13	1.79E-03	6.14E-04	1.49E-03	4.60E-04	3.54E-04	1.18E-04	2.76E-04
5296	624192.15	4266176.25	1.77E-03	6.10E-04	1.48E-03	4.57E-04	3.51E-04	1.17E-04	2.74E-04
5297	624188.63	4266167.38	1.76E-03	6.04E-04	1.47E-03	4.53E-04	3.48E-04	1.16E-04	2.71E-04
5298	624349.94	4266318.25	2.40E-03	8.24E-04	2.00E-03	6.17E-04	4.75E-04	1.58E-04	3.70E-04
5299	624359.82	4266318.43	2.46E-03	8.46E-04	2.06E-03	6.33E-04	4.87E-04	1.62E-04	3.80E-04
5300	624369.71	4266318.61	2.52E-03	8.67E-04	2.11E-03	6.49E-04	4.99E-04	1.66E-04	3.89E-04

5301	624379.6	4266318.78	2.58E-03	8.88E-04	2.16E-03	6.65E-04	5.11E-04	1.70E-04	3.99E-04
5302	624389.49	4266318.96	2.64E-03	9.10E-04	2.21E-03	6.81E-04	5.24E-04	1.74E-04	4.08E-04
5303	624399.38	4266319.14	2.71E-03	9.31E-04	2.26E-03	6.97E-04	5.36E-04	1.78E-04	4.18E-04
5304	624409.27	4266319.31	2.77E-03	9.54E-04	2.32E-03	7.14E-04	5.49E-04	1.83E-04	4.28E-04
5305	624419.16	4266319.49	2.84E-03	9.76E-04	2.37E-03	7.31E-04	5.62E-04	1.87E-04	4.38E-04
5306	624448.83	4266320.02	3.03E-03	1.04E-03	2.53E-03	7.80E-04	5.99E-04	2.00E-04	4.67E-04
5307	624458.72	4266320.19	3.09E-03	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.77E-04
5308	624468.61	4266320.37	3.15E-03	1.08E-03	2.63E-03	8.10E-04	6.23E-04	2.07E-04	4.85E-04
5309	624478.49	4266320.55	3.20E-03	1.10E-03	2.68E-03	8.24E-04	6.34E-04	2.11E-04	4.94E-04
5310	624488.38	4266320.72	3.25E-03	1.12E-03	2.72E-03	8.38E-04	6.44E-04	2.14E-04	5.02E-04
5311	624498.27	4266320.9	3.30E-03	1.14E-03	2.76E-03	8.50E-04	6.54E-04	2.18E-04	5.09E-04
5312	624527.94	4266321.43	3.42E-03	1.18E-03	2.86E-03	8.80E-04	6.77E-04	2.25E-04	5.28E-04
5313	624537.83	4266321.61	3.45E-03	1.19E-03	2.88E-03	8.88E-04	6.83E-04	2.27E-04	5.32E-04
5314	624547.72	4266321.78	3.48E-03	1.20E-03	2.91E-03	8.95E-04	6.88E-04	2.29E-04	5.37E-04
5315	624557.61	4266321.96	3.50E-03	1.20E-03	2.93E-03	9.01E-04	6.93E-04	2.31E-04	5.40E-04
5316	624567.5	4266322.14	3.52E-03	1.21E-03	2.94E-03	9.06E-04	6.96E-04	2.32E-04	5.43E-04
5317	624577.39	4266322.31	3.53E-03	1.21E-03	2.95E-03	9.09E-04	6.99E-04	2.33E-04	5.45E-04
5318	624587.28	4266322.49	3.54E-03	1.22E-03	2.96E-03	9.12E-04	7.01E-04	2.33E-04	5.46E-04
5319	624597.17	4266322.67	3.55E-03	1.22E-03	2.97E-03	9.14E-04	7.02E-04	2.34E-04	5.47E-04
5320	624607.05	4266322.84	3.55E-03	1.22E-03	2.97E-03	9.14E-04	7.03E-04	2.34E-04	5.48E-04
5321	624616.94	4266323.02	3.55E-03	1.22E-03	2.97E-03	9.14E-04	7.02E-04	2.34E-04	5.47E-04
5322	624626.83	4266323.2	3.54E-03	1.22E-03	2.96E-03	9.11E-04	7.01E-04	2.33E-04	5.46E-04
5323	624636.72	4266323.37	3.53E-03	1.21E-03	2.95E-03	9.08E-04	6.98E-04	2.32E-04	5.44E-04
5324	624666.39	4266323.9	3.47E-03	1.19E-03	2.90E-03	8.92E-04	6.86E-04	2.28E-04	5.35E-04
5325	624676.28	4266324.08	3.44E-03	1.18E-03	2.87E-03	8.85E-04	6.81E-04	2.27E-04	5.31E-04
5326	624686.17	4266324.26	3.41E-03	1.17E-03	2.85E-03	8.77E-04	6.74E-04	2.24E-04	5.26E-04
5327	624696.06	4266324.43	3.37E-03	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04
5328	624705.95	4266324.61	3.33E-03	1.14E-03	2.78E-03	8.57E-04	6.59E-04	2.19E-04	5.14E-04
5329	624715.84	4266324.79	3.28E-03	1.13E-03	2.74E-03	8.45E-04	6.50E-04	2.16E-04	5.07E-04
5330	624725.72	4266324.96	3.24E-03	1.11E-03	2.70E-03	8.33E-04	6.41E-04	2.13E-04	4.99E-04
5331	624745.5	4266325.32	3.14E-03	1.08E-03	2.62E-03	8.07E-04	6.21E-04	2.07E-04	4.84E-04
5332	624755.39	4266325.49	3.08E-03	1.06E-03	2.58E-03	7.93E-04	6.10E-04	2.03E-04	4.75E-04
5333	624765.28	4266325.67	3.02E-03	1.04E-03	2.53E-03	7.79E-04	5.99E-04	1.99E-04	4.67E-04
5334	624775.17	4266325.85	2.97E-03	1.02E-03	2.48E-03	7.63E-04	5.87E-04	1.95E-04	4.58E-04
5335	624785.06	4266326.02	2.91E-03	9.99E-04	2.43E-03	7.48E-04	5.75E-04	1.91E-04	4.48E-04
5336	624794.95	4266326.2	2.84E-03	9.78E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04
5337	624804.84	4266326.38	2.78E-03	9.57E-04	2.33E-03	7.17E-04	5.51E-04	1.83E-04	4.30E-04
5338	624844.4	4266327.08	2.52E-03	8.67E-04	2.11E-03	6.49E-04	4.99E-04	1.66E-04	3.89E-04
5339	624340.73	4266339.44	2.17E-03	7.47E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.35E-04
5340	624331.97	4266335.64	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04
5341	624323.22	4266331.84	2.13E-03	7.31E-04	1.78E-03	5.48E-04	4.21E-04	1.40E-04	3.28E-04
5342	624314.46	4266328.04	2.10E-03	7.22E-04	1.76E-03	5.41E-04	4.16E-04	1.38E-04	3.24E-04
5343	624305.7	4266324.23	2.07E-03	7.12E-04	1.73E-03	5.33E-04	4.10E-04	1.36E-04	3.20E-04
5344	624296.94	4266320.43	2.04E-03	7.02E-04	1.71E-03	5.25E-04	4.04E-04	1.34E-04	3.15E-04
5345	624288.19	4266316.63	2.01E-03	6.91E-04	1.68E-03	5.17E-04	3.98E-04	1.32E-04	3.10E-04
5346	624279.43	4266312.82	1.97E-03	6.79E-04	1.65E-03	5.08E-04	3.91E-04	1.30E-04	3.05E-04
5347	624270.67	4266309.02	1.94E-03	6.66E-04	1.62E-03	4.99E-04	3.83E-04	1.28E-04	2.99E-04
5348	624261.92	4266305.22	1.90E-03	6.53E-04	1.59E-03	4.89E-04	3.76E-04	1.25E-04	2.93E-04
5349	624253.16	4266301.41	1.86E-03	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04
5350	624244.4	4266297.61	1.82E-03	6.25E-04	1.52E-03	4.68E-04	3.60E-04	1.20E-04	2.80E-04
5351	624235.64	4266293.81	1.78E-03	6.10E-04	1.48E-03	4.57E-04	3.51E-04	1.17E-04	2.74E-04
5352	624226.89	4266290	1.73E-03	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04

5353	624218.13	4266286.2	1.69E-03	5.81E-04	1.41E-03	4.35E-04	3.35E-04	1.11E-04	2.61E-04
5354	624205.85	4266273.52	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04
5355	624202.34	4266264.65	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04
5356	624198.82	4266255.77	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04
5357	624195.3	4266246.89	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04
5358	624191.78	4266238.02	1.65E-03	5.67E-04	1.38E-03	4.25E-04	3.26E-04	1.09E-04	2.54E-04
5359	624188.26	4266229.14	1.65E-03	5.66E-04	1.38E-03	4.24E-04	3.26E-04	1.08E-04	2.54E-04
5360	624184.74	4266220.27	1.64E-03	5.64E-04	1.37E-03	4.22E-04	3.25E-04	1.08E-04	2.53E-04
5361	624181.23	4266211.39	1.63E-03	5.62E-04	1.37E-03	4.21E-04	3.23E-04	1.08E-04	2.52E-04
5362	624177.71	4266202.52	1.63E-03	5.59E-04	1.36E-03	4.19E-04	3.22E-04	1.07E-04	2.51E-04
5363	624174.19	4266193.64	1.62E-03	5.56E-04	1.35E-03	4.16E-04	3.20E-04	1.06E-04	2.49E-04
5364	624170.67	4266184.77	1.60E-03	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04
5365	624167.15	4266175.89	1.59E-03	5.47E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.45E-04
5366	624163.64	4266167.01	1.58E-03	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04
5367	624349.49	4266343.25	2.19E-03	7.54E-04	1.83E-03	5.64E-04	4.34E-04	1.44E-04	3.38E-04
5368	624359.38	4266343.42	2.24E-03	7.71E-04	1.87E-03	5.77E-04	4.44E-04	1.48E-04	3.46E-04
5369	624369.27	4266343.6	2.29E-03	7.88E-04	1.92E-03	5.90E-04	4.54E-04	1.51E-04	3.54E-04
5370	624379.16	4266343.78	2.34E-03	8.05E-04	1.96E-03	6.03E-04	4.63E-04	1.54E-04	3.61E-04
5371	624389.05	4266343.95	2.39E-03	8.22E-04	2.00E-03	6.15E-04	4.73E-04	1.57E-04	3.69E-04
5372	624398.93	4266344.13	2.44E-03	8.39E-04	2.04E-03	6.28E-04	4.83E-04	1.61E-04	3.77E-04
5373	624408.82	4266344.31	2.49E-03	8.57E-04	2.08E-03	6.41E-04	4.93E-04	1.64E-04	3.84E-04
5374	624418.71	4266344.48	2.54E-03	8.74E-04	2.12E-03	6.54E-04	5.03E-04	1.67E-04	3.92E-04
5375	624448.38	4266345.01	2.69E-03	9.25E-04	2.25E-03	6.92E-04	5.32E-04	1.77E-04	4.15E-04
5376	624458.27	4266345.19	2.74E-03	9.41E-04	2.29E-03	7.05E-04	5.42E-04	1.80E-04	4.22E-04
5377	624468.16	4266345.37	2.78E-03	9.57E-04	2.33E-03	7.17E-04	5.51E-04	1.83E-04	4.29E-04
5378	624478.05	4266345.54	2.83E-03	9.72E-04	2.36E-03	7.28E-04	5.60E-04	1.86E-04	4.36E-04
5379	624487.94	4266345.72	2.87E-03	9.87E-04	2.40E-03	7.39E-04	5.68E-04	1.89E-04	4.43E-04
5380	624497.83	4266345.9	2.91E-03	1.00E-03	2.43E-03	7.49E-04	5.75E-04	1.92E-04	4.49E-04
5381	624527.49	4266346.43	3.00E-03	1.03E-03	2.51E-03	7.74E-04	5.95E-04	1.98E-04	4.64E-04
5382	624537.38	4266346.6	3.03E-03	1.04E-03	2.53E-03	7.80E-04	6.00E-04	2.00E-04	4.68E-04
5383	624547.27	4266346.78	3.05E-03	1.05E-03	2.55E-03	7.86E-04	6.04E-04	2.01E-04	4.71E-04
5384	624557.16	4266346.96	3.07E-03	1.06E-03	2.57E-03	7.91E-04	6.08E-04	2.02E-04	4.74E-04
5385	624567.05	4266347.13	3.09E-03	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.76E-04
5386	624576.94	4266347.31	3.10E-03	1.07E-03	2.59E-03	7.98E-04	6.14E-04	2.04E-04	4.78E-04
5387	624586.83	4266347.49	3.11E-03	1.07E-03	2.60E-03	8.00E-04	6.15E-04	2.05E-04	4.80E-04
5388	624596.72	4266347.66	3.12E-03	1.07E-03	2.60E-03	8.02E-04	6.17E-04	2.05E-04	4.81E-04
5389	624606.61	4266347.84	3.12E-03	1.07E-03	2.61E-03	8.02E-04	6.17E-04	2.05E-04	4.81E-04
5390	624616.5	4266348.02	3.11E-03	1.07E-03	2.60E-03	8.02E-04	6.16E-04	2.05E-04	4.81E-04
5391	624626.39	4266348.19	3.11E-03	1.07E-03	2.60E-03	8.00E-04	6.15E-04	2.05E-04	4.80E-04
5392	624665.94	4266348.9	3.05E-03	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04
5393	624675.83	4266349.08	3.03E-03	1.04E-03	2.53E-03	7.79E-04	5.99E-04	1.99E-04	4.67E-04
5394	624685.72	4266349.25	3.00E-03	1.03E-03	2.51E-03	7.73E-04	5.94E-04	1.98E-04	4.63E-04
5395	624695.61	4266349.43	2.97E-03	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.58E-04
5396	624705.5	4266349.61	2.94E-03	1.01E-03	2.46E-03	7.56E-04	5.81E-04	1.94E-04	4.53E-04
5397	624715.39	4266349.78	2.90E-03	9.98E-04	2.43E-03	7.47E-04	5.74E-04	1.91E-04	4.48E-04
5398	624725.28	4266349.96	2.87E-03	9.85E-04	2.39E-03	7.38E-04	5.67E-04	1.89E-04	4.42E-04
5399	624754.95	4266350.49	2.74E-03	9.42E-04	2.29E-03	7.06E-04	5.42E-04	1.81E-04	4.23E-04
5400	624764.84	4266350.67	2.69E-03	9.27E-04	2.25E-03	6.94E-04	5.33E-04	1.78E-04	4.16E-04
5401	624774.72	4266350.84	2.65E-03	9.10E-04	2.21E-03	6.81E-04	5.24E-04	1.74E-04	4.08E-04
5402	624784.61	4266351.02	2.60E-03	8.94E-04	2.17E-03	6.69E-04	5.14E-04	1.71E-04	4.01E-04
5403	624794.5	4266351.2	2.55E-03	8.77E-04	2.13E-03	6.56E-04	5.05E-04	1.68E-04	3.93E-04
5404	624804.39	4266351.37	2.50E-03	8.60E-04	2.09E-03	6.44E-04	4.95E-04	1.65E-04	3.86E-04

5405	624843.95	4266352.08	2.29E-03	7.88E-04	1.92E-03	5.90E-04	4.53E-04	1.51E-04	3.54E-04
5406	624340.29	4266364.44	2.00E-03	6.88E-04	1.67E-03	5.15E-04	3.96E-04	1.32E-04	3.09E-04
5407	624331.53	4266360.64	1.99E-03	6.83E-04	1.66E-03	5.11E-04	3.93E-04	1.31E-04	3.06E-04
5408	624322.77	4266356.83	1.97E-03	6.76E-04	1.64E-03	5.06E-04	3.89E-04	1.30E-04	3.03E-04
5409	624314.01	4266353.03	1.94E-03	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04
5410	624305.26	4266349.23	1.92E-03	6.61E-04	1.61E-03	4.95E-04	3.80E-04	1.27E-04	2.97E-04
5411	624296.5	4266345.43	1.90E-03	6.53E-04	1.59E-03	4.89E-04	3.76E-04	1.25E-04	2.93E-04
5412	624287.74	4266341.62	1.87E-03	6.44E-04	1.56E-03	4.82E-04	3.71E-04	1.23E-04	2.89E-04
5413	624278.98	4266337.82	1.84E-03	6.34E-04	1.54E-03	4.75E-04	3.65E-04	1.22E-04	2.85E-04
5414	624270.23	4266334.02	1.82E-03	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.20E-04	2.80E-04
5415	624261.47	4266330.21	1.78E-03	6.14E-04	1.49E-03	4.59E-04	3.53E-04	1.18E-04	2.75E-04
5416	624252.71	4266326.41	1.75E-03	6.03E-04	1.46E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04
5417	624243.95	4266322.61	1.72E-03	5.91E-04	1.44E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04
5418	624235.2	4266318.8	1.68E-03	5.79E-04	1.41E-03	4.34E-04	3.33E-04	1.11E-04	2.60E-04
5419	624226.44	4266315	1.65E-03	5.67E-04	1.38E-03	4.24E-04	3.26E-04	1.09E-04	2.54E-04
5420	624217.68	4266311.2	1.61E-03	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04
5421	624208.93	4266307.39	1.58E-03	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04
5422	624200.17	4266303.59	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.38E-04
5423	624187.89	4266290.91	1.51E-03	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.92E-05	2.32E-04
5424	624184.37	4266282.04	1.51E-03	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.93E-05	2.33E-04
5425	624180.86	4266273.16	1.51E-03	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.93E-05	2.33E-04
5426	624177.34	4266264.28	1.51E-03	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.93E-05	2.32E-04
5427	624173.82	4266255.41	1.50E-03	5.17E-04	1.26E-03	3.87E-04	2.98E-04	9.91E-05	2.32E-04
5428	624170.3	4266246.53	1.50E-03	5.16E-04	1.26E-03	3.87E-04	2.97E-04	9.89E-05	2.32E-04
5429	624166.78	4266237.66	1.50E-03	5.15E-04	1.25E-03	3.86E-04	2.96E-04	9.87E-05	2.31E-04
5430	624163.27	4266228.78	1.49E-03	5.13E-04	1.25E-03	3.84E-04	2.96E-04	9.84E-05	2.30E-04
5431	624159.75	4266219.91	1.49E-03	5.11E-04	1.24E-03	3.83E-04	2.94E-04	9.80E-05	2.29E-04
5432	624156.23	4266211.03	1.48E-03	5.09E-04	1.24E-03	3.81E-04	2.93E-04	9.75E-05	2.28E-04
5433	624152.71	4266202.15	1.47E-03	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.69E-05	2.27E-04
5434	624149.19	4266193.28	1.46E-03	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.63E-05	2.25E-04
5435	624145.67	4266184.4	1.45E-03	4.98E-04	1.21E-03	3.73E-04	2.87E-04	9.55E-05	2.24E-04
5436	624142.16	4266175.53	1.44E-03	4.94E-04	1.20E-03	3.70E-04	2.84E-04	9.46E-05	2.22E-04
5437	624138.64	4266166.65	1.42E-03	4.89E-04	1.19E-03	3.66E-04	2.81E-04	9.36E-05	2.19E-04
5438	624349.04	4266368.24	2.01E-03	6.93E-04	1.68E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04
5439	624358.93	4266368.42	2.06E-03	7.07E-04	1.72E-03	5.29E-04	4.07E-04	1.35E-04	3.17E-04
5440	624368.82	4266368.6	2.10E-03	7.20E-04	1.75E-03	5.39E-04	4.15E-04	1.38E-04	3.23E-04
5441	624378.71	4266368.77	2.13E-03	7.34E-04	1.78E-03	5.50E-04	4.23E-04	1.41E-04	3.29E-04
5442	624388.6	4266368.95	2.17E-03	7.48E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.36E-04
5443	624398.49	4266369.13	2.21E-03	7.61E-04	1.85E-03	5.70E-04	4.38E-04	1.46E-04	3.42E-04
5444	624408.38	4266369.3	2.25E-03	7.75E-04	1.88E-03	5.80E-04	4.46E-04	1.49E-04	3.48E-04
5445	624418.27	4266369.48	2.29E-03	7.89E-04	1.92E-03	5.90E-04	4.54E-04	1.51E-04	3.54E-04
5446	624447.93	4266370.01	2.41E-03	8.28E-04	2.01E-03	6.20E-04	4.77E-04	1.59E-04	3.72E-04
5447	624457.82	4266370.19	2.45E-03	8.41E-04	2.05E-03	6.30E-04	4.84E-04	1.61E-04	3.78E-04
5448	624467.71	4266370.36	2.48E-03	8.54E-04	2.08E-03	6.40E-04	4.92E-04	1.64E-04	3.83E-04
5449	624477.6	4266370.54	2.52E-03	8.66E-04	2.11E-03	6.49E-04	4.99E-04	1.66E-04	3.89E-04
5450	624487.49	4266370.72	2.55E-03	8.78E-04	2.13E-03	6.57E-04	5.05E-04	1.68E-04	3.94E-04
5451	624497.38	4266370.89	2.58E-03	8.88E-04	2.16E-03	6.65E-04	5.11E-04	1.70E-04	3.99E-04
5452	624527.05	4266371.42	2.66E-03	9.16E-04	2.23E-03	6.86E-04	5.27E-04	1.75E-04	4.11E-04
5453	624536.94	4266371.6	2.68E-03	9.23E-04	2.24E-03	6.91E-04	5.31E-04	1.77E-04	4.14E-04
5454	624546.83	4266371.78	2.70E-03	9.29E-04	2.26E-03	6.96E-04	5.35E-04	1.78E-04	4.17E-04
5455	624556.72	4266371.95	2.72E-03	9.35E-04	2.27E-03	7.00E-04	5.38E-04	1.79E-04	4.19E-04
5456	624566.61	4266372.13	2.73E-03	9.39E-04	2.28E-03	7.03E-04	5.41E-04	1.80E-04	4.21E-04

5457	624635.83	4266373.37	2.74E-03	9.43E-04	2.29E-03	7.06E-04	5.43E-04	1.81E-04	4.23E-04
5458	624665.5	4266373.9	2.71E-03	9.30E-04	2.26E-03	6.97E-04	5.36E-04	1.78E-04	4.17E-04
5459	624675.39	4266374.07	2.69E-03	9.24E-04	2.25E-03	6.92E-04	5.32E-04	1.77E-04	4.15E-04
5460	624685.28	4266374.25	2.67E-03	9.17E-04	2.23E-03	6.87E-04	5.28E-04	1.76E-04	4.11E-04
5461	624695.16	4266374.43	2.64E-03	9.09E-04	2.21E-03	6.80E-04	5.23E-04	1.74E-04	4.08E-04
5462	624705.05	4266374.6	2.62E-03	9.00E-04	2.19E-03	6.74E-04	5.18E-04	1.72E-04	4.04E-04
5463	624714.94	4266374.78	2.59E-03	8.90E-04	2.16E-03	6.66E-04	5.12E-04	1.71E-04	3.99E-04
5464	624724.83	4266374.95	2.56E-03	8.80E-04	2.14E-03	6.59E-04	5.06E-04	1.69E-04	3.95E-04
5465	624754.5	4266375.48	2.46E-03	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04
5466	624764.39	4266375.66	2.42E-03	8.32E-04	2.02E-03	6.23E-04	4.79E-04	1.59E-04	3.73E-04
5467	624339.84	4266389.44	1.85E-03	6.36E-04	1.55E-03	4.76E-04	3.66E-04	1.22E-04	2.85E-04
5468	624331.08	4266385.63	1.84E-03	6.32E-04	1.54E-03	4.73E-04	3.64E-04	1.21E-04	2.84E-04
5469	624322.32	4266381.83	1.82E-03	6.27E-04	1.52E-03	4.69E-04	3.61E-04	1.20E-04	2.81E-04
5470	624313.57	4266378.03	1.81E-03	6.21E-04	1.51E-03	4.65E-04	3.58E-04	1.19E-04	2.79E-04
5471	624304.81	4266374.22	1.79E-03	6.15E-04	1.50E-03	4.61E-04	3.54E-04	1.18E-04	2.76E-04
5472	624296.05	4266370.42	1.77E-03	6.08E-04	1.48E-03	4.56E-04	3.50E-04	1.17E-04	2.73E-04
5473	624287.29	4266366.62	1.75E-03	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04
5474	624278.54	4266362.81	1.73E-03	5.94E-04	1.44E-03	4.44E-04	3.42E-04	1.14E-04	2.66E-04
5475	624269.78	4266359.01	1.70E-03	5.86E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04
5476	624261.02	4266355.21	1.68E-03	5.77E-04	1.40E-03	4.32E-04	3.32E-04	1.11E-04	2.59E-04
5477	624252.27	4266351.41	1.65E-03	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04
5478	624243.51	4266347.6	1.62E-03	5.59E-04	1.36E-03	4.18E-04	3.22E-04	1.07E-04	2.51E-04
5479	624234.75	4266343.8	1.60E-03	5.49E-04	1.33E-03	4.11E-04	3.16E-04	1.05E-04	2.46E-04
5480	624225.99	4266340	1.57E-03	5.39E-04	1.31E-03	4.03E-04	3.10E-04	1.03E-04	2.42E-04
5481	624217.24	4266336.19	1.54E-03	5.28E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04
5482	624208.48	4266332.39	1.51E-03	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.92E-05	2.32E-04
5483	624199.72	4266328.59	1.47E-03	5.07E-04	1.23E-03	3.79E-04	2.92E-04	9.71E-05	2.27E-04
5484	624190.96	4266324.78	1.44E-03	4.96E-04	1.21E-03	3.71E-04	2.85E-04	9.50E-05	2.23E-04
5485	624182.21	4266320.98	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04
5486	624169.93	4266308.3	1.38E-03	4.75E-04	1.15E-03	3.55E-04	2.73E-04	9.10E-05	2.13E-04
5487	624166.41	4266299.43	1.38E-03	4.75E-04	1.15E-03	3.56E-04	2.74E-04	9.10E-05	2.13E-04
5488	624162.9	4266290.55	1.38E-03	4.75E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04
5489	624159.38	4266281.67	1.38E-03	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04
5490	624155.86	4266272.8	1.38E-03	4.75E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04
5491	624152.34	4266263.92	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.08E-05	2.13E-04
5492	624148.82	4266255.05	1.37E-03	4.73E-04	1.15E-03	3.54E-04	2.72E-04	9.06E-05	2.12E-04
5493	624145.3	4266246.17	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.12E-04
5494	624141.79	4266237.3	1.37E-03	4.70E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04
5495	624138.27	4266228.42	1.36E-03	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04
5496	624134.75	4266219.54	1.35E-03	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.92E-05	2.09E-04
5497	624131.23	4266210.67	1.35E-03	4.63E-04	1.13E-03	3.47E-04	2.66E-04	8.87E-05	2.08E-04
5498	624127.71	4266201.79	1.34E-03	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04
5499	624124.2	4266192.92	1.33E-03	4.56E-04	1.11E-03	3.42E-04	2.63E-04	8.74E-05	2.05E-04
5500	624348.6	4266393.24	1.86E-03	6.39E-04	1.55E-03	4.79E-04	3.68E-04	1.23E-04	2.87E-04
5501	624358.49	4266393.42	1.89E-03	6.51E-04	1.58E-03	4.87E-04	3.75E-04	1.25E-04	2.92E-04
5502	624368.37	4266393.59	1.92E-03	6.62E-04	1.61E-03	4.96E-04	3.81E-04	1.27E-04	2.97E-04
5503	624378.26	4266393.77	1.96E-03	6.73E-04	1.64E-03	5.04E-04	3.87E-04	1.29E-04	3.02E-04
5504	624388.15	4266393.95	1.99E-03	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04
5505	624398.04	4266394.12	2.02E-03	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04
5506	624407.93	4266394.3	2.05E-03	7.05E-04	1.71E-03	5.28E-04	4.06E-04	1.35E-04	3.17E-04
5507	624417.82	4266394.48	2.08E-03	7.16E-04	1.74E-03	5.36E-04	4.12E-04	1.37E-04	3.21E-04
5508	624447.49	4266395.01	2.17E-03	7.48E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.36E-04

5509	624457.38	4266395.18	2.20E-03	7.58E-04	1.84E-03	5.68E-04	4.36E-04	1.45E-04	3.40E-04
5510	624467.27	4266395.36	2.23E-03	7.68E-04	1.87E-03	5.75E-04	4.42E-04	1.47E-04	3.45E-04
5511	624477.16	4266395.54	2.26E-03	7.78E-04	1.89E-03	5.82E-04	4.48E-04	1.49E-04	3.49E-04
5512	624487.05	4266395.71	2.29E-03	7.87E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04
5513	624496.93	4266395.89	2.31E-03	7.95E-04	1.93E-03	5.95E-04	4.58E-04	1.52E-04	3.57E-04
5514	624506.82	4266396.07	2.34E-03	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04
5515	624566.16	4266397.13	2.43E-03	8.37E-04	2.03E-03	6.27E-04	4.82E-04	1.60E-04	3.76E-04
5516	624576.05	4266397.3	2.44E-03	8.40E-04	2.04E-03	6.29E-04	4.84E-04	1.61E-04	3.77E-04
5517	624585.94	4266397.48	2.45E-03	8.42E-04	2.05E-03	6.31E-04	4.85E-04	1.61E-04	3.78E-04
5518	624595.83	4266397.66	2.45E-03	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04
5519	624605.72	4266397.83	2.45E-03	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04
5520	624615.6	4266398.01	2.45E-03	8.44E-04	2.05E-03	6.32E-04	4.86E-04	1.62E-04	3.79E-04
5521	624625.49	4266398.18	2.45E-03	8.42E-04	2.05E-03	6.31E-04	4.85E-04	1.61E-04	3.78E-04
5522	624635.38	4266398.36	2.44E-03	8.41E-04	2.04E-03	6.29E-04	4.84E-04	1.61E-04	3.77E-04
5523	624724.39	4266399.95	2.30E-03	7.91E-04	1.92E-03	5.92E-04	4.55E-04	1.52E-04	3.55E-04
5524	624734.28	4266400.13	2.27E-03	7.82E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04
5525	624744.16	4266400.3	2.24E-03	7.72E-04	1.88E-03	5.78E-04	4.44E-04	1.48E-04	3.46E-04
5526	624754.05	4266400.48	2.21E-03	7.62E-04	1.85E-03	5.70E-04	4.38E-04	1.46E-04	3.42E-04
5527	624763.94	4266400.66	2.18E-03	7.51E-04	1.83E-03	5.62E-04	4.32E-04	1.44E-04	3.37E-04
5528	624773.83	4266400.83	2.15E-03	7.41E-04	1.80E-03	5.55E-04	4.26E-04	1.42E-04	3.32E-04
5529	624783.72	4266401.01	2.12E-03	7.30E-04	1.77E-03	5.46E-04	4.20E-04	1.40E-04	3.27E-04
5530	624793.61	4266401.19	2.09E-03	7.19E-04	1.75E-03	5.38E-04	4.14E-04	1.38E-04	3.22E-04
5531	624803.5	4266401.36	2.06E-03	7.07E-04	1.72E-03	5.30E-04	4.07E-04	1.36E-04	3.17E-04
5532	624813.39	4266401.54	2.02E-03	6.96E-04	1.69E-03	5.21E-04	4.00E-04	1.33E-04	3.12E-04
5533	624823.28	4266401.72	1.99E-03	6.84E-04	1.66E-03	5.12E-04	3.94E-04	1.31E-04	3.07E-04
5534	624833.17	4266401.89	1.95E-03	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.02E-04
5535	624843.06	4266402.07	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04
5536	624339.39	4266414.43	1.72E-03	5.90E-04	1.43E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04
5537	624330.64	4266410.63	1.71E-03	5.87E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04
5538	624321.88	4266406.83	1.70E-03	5.83E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04
5539	624313.12	4266403.02	1.68E-03	5.79E-04	1.41E-03	4.34E-04	3.33E-04	1.11E-04	2.60E-04
5540	624304.36	4266399.22	1.67E-03	5.74E-04	1.40E-03	4.30E-04	3.30E-04	1.10E-04	2.58E-04
5541	624295.61	4266395.42	1.65E-03	5.69E-04	1.38E-03	4.26E-04	3.27E-04	1.09E-04	2.55E-04
5542	624286.85	4266391.61	1.64E-03	5.63E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.53E-04
5543	624278.09	4266387.81	1.62E-03	5.57E-04	1.35E-03	4.17E-04	3.20E-04	1.07E-04	2.50E-04
5544	624269.33	4266384.01	1.60E-03	5.50E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04
5545	624260.58	4266380.2	1.58E-03	5.43E-04	1.32E-03	4.07E-04	3.13E-04	1.04E-04	2.44E-04
5546	624251.82	4266376.4	1.56E-03	5.36E-04	1.30E-03	4.01E-04	3.08E-04	1.03E-04	2.40E-04
5547	624243.06	4266372.6	1.54E-03	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04
5548	624234.3	4266368.79	1.51E-03	5.20E-04	1.26E-03	3.89E-04	2.99E-04	9.97E-05	2.33E-04
5549	624225.55	4266364.99	1.49E-03	5.12E-04	1.24E-03	3.83E-04	2.95E-04	9.81E-05	2.30E-04
5550	624216.79	4266361.19	1.46E-03	5.03E-04	1.22E-03	3.77E-04	2.90E-04	9.64E-05	2.26E-04
5551	624208.03	4266357.39	1.44E-03	4.94E-04	1.20E-03	3.70E-04	2.84E-04	9.46E-05	2.22E-04
5552	624199.28	4266353.58	1.41E-03	4.85E-04	1.18E-03	3.63E-04	2.79E-04	9.29E-05	2.18E-04
5553	624190.52	4266349.78	1.38E-03	4.75E-04	1.16E-03	3.56E-04	2.74E-04	9.11E-05	2.13E-04
5554	624181.76	4266345.98	1.35E-03	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.93E-05	2.09E-04
5555	624173	4266342.17	1.33E-03	4.56E-04	1.11E-03	3.42E-04	2.63E-04	8.74E-05	2.05E-04
5556	624164.25	4266338.37	1.30E-03	4.47E-04	1.09E-03	3.34E-04	2.57E-04	8.56E-05	2.00E-04
5557	624151.97	4266325.69	1.27E-03	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.38E-05	1.96E-04
5558	624148.45	4266316.82	1.27E-03	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.39E-05	1.96E-04
5559	624144.93	4266307.94	1.27E-03	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.39E-05	1.96E-04
5560	624141.42	4266299.06	1.27E-03	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.39E-05	1.96E-04

5561	624137.9	4266290.19	1.27E-03	4.37E-04	1.06E-03	3.27E-04	2.52E-04	8.38E-05	1.96E-04
5562	624134.38	4266281.31	1.27E-03	4.37E-04	1.06E-03	3.27E-04	2.51E-04	8.37E-05	1.96E-04
5563	624130.86	4266272.44	1.27E-03	4.36E-04	1.06E-03	3.26E-04	2.51E-04	8.35E-05	1.96E-04
5564	624127.34	4266263.56	1.26E-03	4.35E-04	1.06E-03	3.26E-04	2.50E-04	8.33E-05	1.95E-04
5565	624123.82	4266254.69	1.26E-03	4.34E-04	1.05E-03	3.25E-04	2.50E-04	8.31E-05	1.95E-04
5566	624120.31	4266245.81	1.26E-03	4.32E-04	1.05E-03	3.23E-04	2.49E-04	8.28E-05	1.94E-04
5567	624085.13	4266157.05	1.16E-03	4.00E-04	9.72E-04	2.99E-04	2.30E-04	7.66E-05	1.79E-04
5568	624348.15	4266418.24	1.72E-03	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04
5569	624358.04	4266418.41	1.75E-03	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04
5570	624367.93	4266418.59	1.78E-03	6.11E-04	1.48E-03	4.57E-04	3.51E-04	1.17E-04	2.74E-04
5571	624377.82	4266418.77	1.80E-03	6.19E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04
5572	624387.71	4266418.94	1.83E-03	6.28E-04	1.53E-03	4.70E-04	3.62E-04	1.20E-04	2.82E-04
5573	624397.6	4266419.12	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04
5574	624407.49	4266419.3	1.88E-03	6.45E-04	1.57E-03	4.83E-04	3.72E-04	1.24E-04	2.90E-04
5575	624417.37	4266419.47	1.90E-03	6.54E-04	1.59E-03	4.90E-04	3.76E-04	1.25E-04	2.93E-04
5576	624447.04	4266420	1.97E-03	6.79E-04	1.65E-03	5.08E-04	3.91E-04	1.30E-04	3.05E-04
5577	624456.93	4266420.18	2.00E-03	6.87E-04	1.67E-03	5.14E-04	3.95E-04	1.32E-04	3.08E-04
5578	624466.82	4266420.36	2.02E-03	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04
5579	624476.71	4266420.53	2.04E-03	7.03E-04	1.71E-03	5.26E-04	4.04E-04	1.35E-04	3.15E-04
5580	624486.6	4266420.71	2.06E-03	7.10E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04
5581	624496.49	4266420.89	2.08E-03	7.17E-04	1.74E-03	5.37E-04	4.13E-04	1.37E-04	3.22E-04
5582	624506.38	4266421.06	2.10E-03	7.23E-04	1.76E-03	5.42E-04	4.16E-04	1.39E-04	3.25E-04
5583	624516.27	4266421.24	2.12E-03	7.29E-04	1.77E-03	5.46E-04	4.20E-04	1.40E-04	3.27E-04
5584	624526.16	4266421.41	2.14E-03	7.35E-04	1.79E-03	5.50E-04	4.23E-04	1.41E-04	3.30E-04
5585	624536.04	4266421.59	2.15E-03	7.40E-04	1.80E-03	5.54E-04	4.26E-04	1.42E-04	3.32E-04
5586	624545.93	4266421.77	2.16E-03	7.44E-04	1.81E-03	5.57E-04	4.28E-04	1.43E-04	3.34E-04
5587	624555.82	4266421.94	2.17E-03	7.48E-04	1.82E-03	5.60E-04	4.30E-04	1.43E-04	3.35E-04
5588	624565.71	4266422.12	2.18E-03	7.51E-04	1.82E-03	5.62E-04	4.32E-04	1.44E-04	3.37E-04
5589	624575.6	4266422.3	2.19E-03	7.53E-04	1.83E-03	5.64E-04	4.33E-04	1.44E-04	3.38E-04
5590	624644.83	4266423.53	2.19E-03	7.52E-04	1.83E-03	5.63E-04	4.33E-04	1.44E-04	3.38E-04
5591	624654.72	4266423.71	2.18E-03	7.50E-04	1.82E-03	5.61E-04	4.32E-04	1.44E-04	3.36E-04
5592	624664.6	4266423.89	2.17E-03	7.47E-04	1.82E-03	5.59E-04	4.30E-04	1.43E-04	3.35E-04
5593	624674.49	4266424.06	2.16E-03	7.43E-04	1.81E-03	5.56E-04	4.28E-04	1.42E-04	3.33E-04
5594	624684.38	4266424.24	2.15E-03	7.39E-04	1.80E-03	5.53E-04	4.25E-04	1.42E-04	3.31E-04
5595	624694.27	4266424.42	2.13E-03	7.34E-04	1.78E-03	5.49E-04	4.22E-04	1.41E-04	3.29E-04
5596	624704.16	4266424.59	2.12E-03	7.28E-04	1.77E-03	5.45E-04	4.19E-04	1.39E-04	3.27E-04
5597	624714.05	4266424.77	2.10E-03	7.22E-04	1.75E-03	5.40E-04	4.15E-04	1.38E-04	3.24E-04
5598	624723.94	4266424.95	2.08E-03	7.15E-04	1.74E-03	5.35E-04	4.11E-04	1.37E-04	3.21E-04
5599	624733.83	4266425.12	2.06E-03	7.07E-04	1.72E-03	5.30E-04	4.07E-04	1.36E-04	3.17E-04
5600	624743.72	4266425.3	2.03E-03	6.99E-04	1.70E-03	5.23E-04	4.02E-04	1.34E-04	3.14E-04
5601	624753.61	4266425.48	2.01E-03	6.91E-04	1.68E-03	5.17E-04	3.98E-04	1.32E-04	3.10E-04
5602	624763.5	4266425.65	1.98E-03	6.82E-04	1.66E-03	5.11E-04	3.92E-04	1.31E-04	3.06E-04
5603	624773.39	4266425.83	1.96E-03	6.73E-04	1.64E-03	5.04E-04	3.87E-04	1.29E-04	3.02E-04
5604	624783.27	4266426.01	1.93E-03	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04
5605	624793.16	4266426.18	1.91E-03	6.55E-04	1.59E-03	4.91E-04	3.77E-04	1.26E-04	2.94E-04
5606	624803.05	4266426.36	1.88E-03	6.46E-04	1.57E-03	4.84E-04	3.72E-04	1.24E-04	2.90E-04
5607	624812.94	4266426.54	1.85E-03	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04
5608	624822.83	4266426.71	1.82E-03	6.27E-04	1.52E-03	4.70E-04	3.61E-04	1.20E-04	2.81E-04
5609	624832.72	4266426.89	1.79E-03	6.17E-04	1.50E-03	4.62E-04	3.55E-04	1.18E-04	2.77E-04
5610	624842.61	4266427.07	1.77E-03	6.07E-04	1.48E-03	4.54E-04	3.49E-04	1.16E-04	2.72E-04
5611	624338.95	4266439.43	1.60E-03	5.49E-04	1.33E-03	4.11E-04	3.16E-04	1.05E-04	2.46E-04
5612	624330.19	4266435.63	1.59E-03	5.47E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04

5613	624321.43	4266431.82	1.58E-03	5.44E-04	1.32E-03	4.07E-04	3.13E-04	1.04E-04	2.44E-04
5614	624312.67	4266428.02	1.57E-03	5.41E-04	1.31E-03	4.05E-04	3.11E-04	1.04E-04	2.43E-04
5615	624303.92	4266424.22	1.56E-03	5.37E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04
5616	624295.16	4266420.41	1.55E-03	5.33E-04	1.29E-03	3.99E-04	3.07E-04	1.02E-04	2.39E-04
5617	624286.4	4266416.61	1.54E-03	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04
5618	624277.64	4266412.81	1.52E-03	5.23E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.35E-04
5619	624268.89	4266409	1.50E-03	5.17E-04	1.26E-03	3.87E-04	2.98E-04	9.91E-05	2.32E-04
5620	624260.13	4266405.2	1.49E-03	5.12E-04	1.24E-03	3.83E-04	2.95E-04	9.81E-05	2.30E-04
5621	624251.37	4266401.4	1.47E-03	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.69E-05	2.27E-04
5622	624242.62	4266397.59	1.45E-03	5.00E-04	1.21E-03	3.74E-04	2.88E-04	9.57E-05	2.24E-04
5623	624233.86	4266393.79	1.43E-03	4.93E-04	1.20E-03	3.69E-04	2.84E-04	9.45E-05	2.21E-04
5624	624225.1	4266389.99	1.41E-03	4.86E-04	1.18E-03	3.64E-04	2.80E-04	9.31E-05	2.18E-04
5625	624216.34	4266386.18	1.39E-03	4.79E-04	1.16E-03	3.58E-04	2.76E-04	9.17E-05	2.15E-04
5626	624207.59	4266382.38	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.11E-04
5627	624198.83	4266378.58	1.35E-03	4.63E-04	1.13E-03	3.47E-04	2.67E-04	8.88E-05	2.08E-04
5628	624190.07	4266374.78	1.32E-03	4.55E-04	1.11E-03	3.41E-04	2.62E-04	8.72E-05	2.04E-04
5629	624181.31	4266370.97	1.30E-03	4.47E-04	1.09E-03	3.35E-04	2.57E-04	8.57E-05	2.01E-04
5630	624172.56	4266367.17	1.28E-03	4.39E-04	1.07E-03	3.28E-04	2.53E-04	8.41E-05	1.97E-04
5631	624163.8	4266363.37	1.25E-03	4.30E-04	1.05E-03	3.22E-04	2.48E-04	8.24E-05	1.93E-04
5632	624155.04	4266359.56	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04
5633	624146.28	4266355.76	1.20E-03	4.13E-04	1.00E-03	3.09E-04	2.38E-04	7.92E-05	1.85E-04
5634	624134.01	4266343.08	1.18E-03	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04
5635	624130.49	4266334.2	1.18E-03	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04
5636	624126.97	4266325.33	1.18E-03	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04
5637	624123.45	4266316.45	1.18E-03	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04
5638	624119.94	4266307.58	1.18E-03	4.05E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.82E-04
5639	624081.24	4266209.95	1.13E-03	3.88E-04	9.44E-04	2.91E-04	2.24E-04	7.44E-05	1.74E-04
5640	624077.72	4266201.07	1.12E-03	3.85E-04	9.37E-04	2.88E-04	2.22E-04	7.38E-05	1.73E-04
5641	624074.2	4266192.19	1.11E-03	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.32E-05	1.71E-04
5642	624070.68	4266183.32	1.10E-03	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04
5643	624067.16	4266174.44	1.09E-03	3.75E-04	9.11E-04	2.80E-04	2.16E-04	7.18E-05	1.68E-04
5644	624063.65	4266165.57	1.08E-03	3.71E-04	9.01E-04	2.78E-04	2.13E-04	7.10E-05	1.66E-04
5645	624347.7	4266443.23	1.60E-03	5.50E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04
5646	624357.59	4266443.41	1.62E-03	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04
5647	624367.48	4266443.59	1.64E-03	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.54E-04
5648	624377.37	4266443.76	1.66E-03	5.72E-04	1.39E-03	4.29E-04	3.29E-04	1.10E-04	2.57E-04
5649	624387.26	4266443.94	1.69E-03	5.79E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04
5650	624397.15	4266444.12	1.71E-03	5.86E-04	1.43E-03	4.39E-04	3.38E-04	1.12E-04	2.63E-04
5651	624407.04	4266444.29	1.73E-03	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04
5652	624416.93	4266444.47	1.74E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04
5653	624426.82	4266444.64	1.76E-03	6.07E-04	1.47E-03	4.54E-04	3.49E-04	1.16E-04	2.72E-04
5654	624436.71	4266444.82	1.78E-03	6.13E-04	1.49E-03	4.59E-04	3.53E-04	1.17E-04	2.75E-04
5655	624446.6	4266445	1.80E-03	6.20E-04	1.51E-03	4.64E-04	3.57E-04	1.19E-04	2.78E-04
5656	624456.48	4266445.17	1.82E-03	6.26E-04	1.52E-03	4.69E-04	3.60E-04	1.20E-04	2.81E-04
5657	624466.37	4266445.35	1.84E-03	6.32E-04	1.54E-03	4.74E-04	3.64E-04	1.21E-04	2.84E-04
5658	624476.26	4266445.53	1.86E-03	6.39E-04	1.55E-03	4.78E-04	3.68E-04	1.22E-04	2.87E-04
5659	624486.15	4266445.7	1.87E-03	6.44E-04	1.57E-03	4.82E-04	3.71E-04	1.23E-04	2.89E-04
5660	624496.04	4266445.88	1.89E-03	6.50E-04	1.58E-03	4.86E-04	3.74E-04	1.24E-04	2.92E-04
5661	624505.93	4266446.06	1.90E-03	6.55E-04	1.59E-03	4.90E-04	3.77E-04	1.25E-04	2.94E-04
5662	624515.82	4266446.23	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04
5663	624525.71	4266446.41	1.93E-03	6.64E-04	1.61E-03	4.97E-04	3.82E-04	1.27E-04	2.98E-04
5664	624594.93	4266447.65	1.98E-03	6.81E-04	1.66E-03	5.10E-04	3.92E-04	1.30E-04	3.06E-04

5665	624604.82	4266447.82	1.98E-03	6.82E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04
5666	624614.71	4266448	1.98E-03	6.82E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04
5667	624624.6	4266448.18	1.98E-03	6.81E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04
5668	624634.49	4266448.35	1.98E-03	6.80E-04	1.65E-03	5.09E-04	3.92E-04	1.30E-04	3.05E-04
5669	624644.38	4266448.53	1.97E-03	6.79E-04	1.65E-03	5.08E-04	3.91E-04	1.30E-04	3.05E-04
5670	624654.27	4266448.71	1.97E-03	6.77E-04	1.65E-03	5.07E-04	3.90E-04	1.30E-04	3.04E-04
5671	624664.16	4266448.88	1.96E-03	6.75E-04	1.64E-03	5.05E-04	3.89E-04	1.29E-04	3.03E-04
5672	624674.05	4266449.06	1.95E-03	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.02E-04
5673	624683.94	4266449.24	1.94E-03	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04
5674	624693.83	4266449.41	1.93E-03	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.98E-04
5675	624703.71	4266449.59	1.92E-03	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.26E-04	2.96E-04
5676	624713.6	4266449.77	1.90E-03	6.55E-04	1.59E-03	4.90E-04	3.77E-04	1.26E-04	2.94E-04
5677	624723.49	4266449.94	1.89E-03	6.49E-04	1.58E-03	4.86E-04	3.74E-04	1.24E-04	2.91E-04
5678	624733.38	4266450.12	1.87E-03	6.43E-04	1.56E-03	4.81E-04	3.70E-04	1.23E-04	2.89E-04
5679	624743.27	4266450.3	1.85E-03	6.36E-04	1.55E-03	4.76E-04	3.66E-04	1.22E-04	2.86E-04
5680	624753.16	4266450.47	1.83E-03	6.29E-04	1.53E-03	4.71E-04	3.62E-04	1.21E-04	2.82E-04
5681	624763.05	4266450.65	1.81E-03	6.22E-04	1.51E-03	4.66E-04	3.58E-04	1.19E-04	2.79E-04
5682	624772.94	4266450.83	1.79E-03	6.15E-04	1.49E-03	4.60E-04	3.54E-04	1.18E-04	2.76E-04
5683	624782.83	4266451	1.77E-03	6.07E-04	1.48E-03	4.55E-04	3.50E-04	1.16E-04	2.73E-04
5684	624792.72	4266451.18	1.75E-03	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04
5685	624802.61	4266451.36	1.72E-03	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04
5686	624812.5	4266451.53	1.70E-03	5.85E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04
5687	624822.39	4266451.71	1.68E-03	5.77E-04	1.40E-03	4.32E-04	3.32E-04	1.11E-04	2.59E-04
5688	624832.27	4266451.89	1.65E-03	5.69E-04	1.38E-03	4.26E-04	3.27E-04	1.09E-04	2.55E-04
5689	624842.16	4266452.06	1.63E-03	5.60E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.51E-04
5690	624338.05	4266489.42	1.39E-03	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.14E-04
5691	624329.3	4266485.62	1.39E-03	4.77E-04	1.16E-03	3.57E-04	2.75E-04	9.15E-05	2.14E-04
5692	624320.54	4266481.81	1.38E-03	4.76E-04	1.16E-03	3.57E-04	2.74E-04	9.12E-05	2.14E-04
5693	624311.78	4266478.01	1.38E-03	4.75E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04
5694	624303.02	4266474.21	1.37E-03	4.72E-04	1.15E-03	3.54E-04	2.72E-04	9.05E-05	2.12E-04
5695	624294.27	4266470.41	1.37E-03	4.70E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04
5696	624285.51	4266466.6	1.36E-03	4.67E-04	1.13E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04
5697	624276.75	4266462.8	1.35E-03	4.64E-04	1.13E-03	3.47E-04	2.67E-04	8.88E-05	2.08E-04
5698	624267.99	4266459	1.34E-03	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04
5699	624259.24	4266455.19	1.33E-03	4.56E-04	1.11E-03	3.41E-04	2.63E-04	8.74E-05	2.05E-04
5700	624250.48	4266451.39	1.31E-03	4.52E-04	1.10E-03	3.38E-04	2.60E-04	8.66E-05	2.03E-04
5701	624241.72	4266447.59	1.30E-03	4.48E-04	1.09E-03	3.35E-04	2.58E-04	8.58E-05	2.01E-04
5702	624232.97	4266443.78	1.29E-03	4.43E-04	1.08E-03	3.32E-04	2.55E-04	8.49E-05	1.99E-04
5703	624224.21	4266439.98	1.28E-03	4.39E-04	1.07E-03	3.28E-04	2.52E-04	8.40E-05	1.97E-04
5704	624215.45	4266436.18	1.26E-03	4.34E-04	1.05E-03	3.25E-04	2.50E-04	8.31E-05	1.95E-04
5705	624206.69	4266432.37	1.25E-03	4.28E-04	1.04E-03	3.21E-04	2.47E-04	8.21E-05	1.92E-04
5706	624197.94	4266428.57	1.23E-03	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04
5707	624189.18	4266424.77	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04
5708	624180.42	4266420.96	1.20E-03	4.11E-04	9.99E-04	3.08E-04	2.37E-04	7.88E-05	1.84E-04
5709	624171.66	4266417.16	1.18E-03	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04
5710	624162.91	4266413.36	1.16E-03	3.98E-04	9.69E-04	2.98E-04	2.29E-04	7.63E-05	1.79E-04
5711	624154.15	4266409.55	1.14E-03	3.92E-04	9.53E-04	2.93E-04	2.26E-04	7.51E-05	1.76E-04
5712	624145.39	4266405.75	1.12E-03	3.85E-04	9.36E-04	2.88E-04	2.22E-04	7.38E-05	1.73E-04
5713	624136.63	4266401.95	1.10E-03	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04
5714	624127.88	4266398.14	1.08E-03	3.71E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04
5715	624119.12	4266394.34	1.06E-03	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04
5716	624080.5	4266333.48	1.02E-03	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04

5717	624076.98	4266324.61	1.01E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04
5718	624073.46	4266315.73	1.01E-03	3.48E-04	8.47E-04	2.61E-04	2.01E-04	6.67E-05	1.56E-04
5719	624069.94	4266306.85	1.01E-03	3.48E-04	8.45E-04	2.60E-04	2.00E-04	6.66E-05	1.56E-04
5720	624066.42	4266297.98	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04
5721	624062.91	4266289.1	1.01E-03	3.46E-04	8.41E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04
5722	624059.39	4266280.23	1.00E-03	3.45E-04	8.39E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04
5723	624055.87	4266271.35	1.00E-03	3.44E-04	8.36E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04
5724	624052.35	4266262.48	9.97E-04	3.43E-04	8.33E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04
5725	624048.83	4266253.6	9.93E-04	3.41E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04
5726	624045.31	4266244.72	9.88E-04	3.40E-04	8.26E-04	2.54E-04	1.96E-04	6.51E-05	1.52E-04
5727	624041.8	4266235.85	9.83E-04	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04
5728	624038.28	4266226.97	9.77E-04	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04
5729	624034.76	4266218.1	9.70E-04	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04
5730	624031.24	4266209.22	9.63E-04	3.31E-04	8.05E-04	2.48E-04	1.91E-04	6.34E-05	1.49E-04
5731	624027.72	4266200.35	9.55E-04	3.28E-04	7.98E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04
5732	624024.21	4266191.47	9.46E-04	3.25E-04	7.91E-04	2.44E-04	1.87E-04	6.24E-05	1.46E-04
5733	624020.69	4266182.6	9.38E-04	3.22E-04	7.84E-04	2.41E-04	1.86E-04	6.18E-05	1.45E-04
5734	624017.17	4266173.72	9.29E-04	3.19E-04	7.76E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04
5735	624013.65	4266164.84	9.20E-04	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04
5736	624346.81	4266493.22	1.39E-03	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.15E-04
5737	624356.7	4266493.4	1.41E-03	4.83E-04	1.17E-03	3.62E-04	2.78E-04	9.26E-05	2.17E-04
5738	624366.59	4266493.58	1.42E-03	4.88E-04	1.19E-03	3.66E-04	2.81E-04	9.36E-05	2.19E-04
5739	624376.48	4266493.75	1.43E-03	4.93E-04	1.20E-03	3.69E-04	2.84E-04	9.45E-05	2.21E-04
5740	624386.37	4266493.93	1.45E-03	4.98E-04	1.21E-03	3.73E-04	2.87E-04	9.54E-05	2.23E-04
5741	624396.26	4266494.11	1.46E-03	5.02E-04	1.22E-03	3.76E-04	2.89E-04	9.62E-05	2.25E-04
5742	624406.15	4266494.28	1.47E-03	5.07E-04	1.23E-03	3.79E-04	2.92E-04	9.71E-05	2.27E-04
5743	624416.04	4266494.46	1.49E-03	5.11E-04	1.24E-03	3.83E-04	2.94E-04	9.79E-05	2.29E-04
5744	624485.26	4266495.7	1.57E-03	5.38E-04	1.31E-03	4.03E-04	3.10E-04	1.03E-04	2.42E-04
5745	624495.15	4266495.87	1.58E-03	5.42E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04
5746	624505.04	4266496.05	1.58E-03	5.45E-04	1.32E-03	4.08E-04	3.14E-04	1.04E-04	2.45E-04
5747	624514.93	4266496.23	1.59E-03	5.48E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.46E-04
5748	624524.82	4266496.4	1.60E-03	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.06E-04	2.47E-04
5749	624534.71	4266496.58	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04
5750	624544.59	4266496.76	1.62E-03	5.55E-04	1.35E-03	4.16E-04	3.20E-04	1.06E-04	2.49E-04
5751	624554.48	4266496.93	1.62E-03	5.57E-04	1.35E-03	4.17E-04	3.21E-04	1.07E-04	2.50E-04
5752	624564.37	4266497.11	1.63E-03	5.59E-04	1.36E-03	4.19E-04	3.22E-04	1.07E-04	2.51E-04
5753	624574.26	4266497.29	1.63E-03	5.60E-04	1.36E-03	4.20E-04	3.23E-04	1.07E-04	2.51E-04
5754	624584.15	4266497.46	1.63E-03	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.08E-04	2.52E-04
5755	624594.04	4266497.64	1.64E-03	5.62E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.52E-04
5756	624603.93	4266497.82	1.64E-03	5.63E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.53E-04
5757	624613.82	4266497.99	1.64E-03	5.63E-04	1.37E-03	4.22E-04	3.24E-04	1.08E-04	2.53E-04
5758	624623.71	4266498.17	1.64E-03	5.63E-04	1.37E-03	4.22E-04	3.24E-04	1.08E-04	2.53E-04
5759	624633.6	4266498.35	1.64E-03	5.63E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.53E-04
5760	624643.49	4266498.52	1.64E-03	5.62E-04	1.37E-03	4.21E-04	3.24E-04	1.08E-04	2.52E-04
5761	624653.38	4266498.7	1.63E-03	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.08E-04	2.52E-04
5762	624663.27	4266498.88	1.63E-03	5.60E-04	1.36E-03	4.19E-04	3.22E-04	1.07E-04	2.51E-04
5763	624673.15	4266499.05	1.62E-03	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04
5764	624683.04	4266499.23	1.62E-03	5.56E-04	1.35E-03	4.16E-04	3.20E-04	1.07E-04	2.49E-04
5765	624692.93	4266499.41	1.61E-03	5.53E-04	1.34E-03	4.14E-04	3.18E-04	1.06E-04	2.48E-04
5766	624702.82	4266499.58	1.60E-03	5.50E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04
5767	624712.71	4266499.76	1.59E-03	5.47E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04
5768	624722.6	4266499.94	1.58E-03	5.43E-04	1.32E-03	4.06E-04	3.12E-04	1.04E-04	2.43E-04

5769	624732.49	4266500.11	1.57E-03	5.38E-04	1.31E-03	4.03E-04	3.10E-04	1.03E-04	2.42E-04
5770	624742.38	4266500.29	1.55E-03	5.34E-04	1.30E-03	3.99E-04	3.07E-04	1.02E-04	2.39E-04
5771	624752.27	4266500.46	1.54E-03	5.29E-04	1.29E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04
5772	624762.16	4266500.64	1.52E-03	5.24E-04	1.27E-03	3.92E-04	3.02E-04	1.00E-04	2.35E-04
5773	624772.05	4266500.82	1.51E-03	5.19E-04	1.26E-03	3.88E-04	2.99E-04	9.94E-05	2.33E-04
5774	624781.94	4266500.99	1.49E-03	5.14E-04	1.25E-03	3.85E-04	2.96E-04	9.85E-05	2.31E-04
5775	624791.82	4266501.17	1.48E-03	5.09E-04	1.24E-03	3.81E-04	2.93E-04	9.75E-05	2.28E-04
5776	624801.71	4266501.35	1.47E-03	5.04E-04	1.22E-03	3.77E-04	2.90E-04	9.65E-05	2.26E-04
5777	624811.6	4266501.52	1.45E-03	4.99E-04	1.21E-03	3.73E-04	2.87E-04	9.55E-05	2.24E-04
5778	624821.49	4266501.7	1.43E-03	4.93E-04	1.20E-03	3.69E-04	2.84E-04	9.45E-05	2.21E-04
5779	624831.38	4266501.88	1.42E-03	4.87E-04	1.18E-03	3.65E-04	2.81E-04	9.34E-05	2.19E-04
5780	624841.27	4266502.05	1.40E-03	4.82E-04	1.17E-03	3.61E-04	2.77E-04	9.23E-05	2.16E-04
5781	624318.8	4266531.44	1.22E-03	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04
5782	624309.76	4266527.51	1.22E-03	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.03E-05	1.88E-04
5783	624300.72	4266523.59	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04
5784	624291.68	4266519.66	1.21E-03	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04
5785	624282.64	4266515.74	1.21E-03	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04
5786	624273.6	4266511.81	1.20E-03	4.13E-04	1.00E-03	3.09E-04	2.38E-04	7.91E-05	1.85E-04
5787	624264.56	4266507.88	1.19E-03	4.10E-04	9.97E-04	3.07E-04	2.36E-04	7.86E-05	1.84E-04
5788	624255.52	4266503.96	1.18E-03	4.07E-04	9.90E-04	3.05E-04	2.35E-04	7.81E-05	1.83E-04
5789	624246.48	4266500.03	1.18E-03	4.04E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.81E-04
5790	624237.44	4266496.11	1.17E-03	4.01E-04	9.76E-04	3.01E-04	2.31E-04	7.69E-05	1.80E-04
5791	624228.4	4266492.18	1.16E-03	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.63E-05	1.79E-04
5792	624219.36	4266488.25	1.15E-03	3.94E-04	9.59E-04	2.95E-04	2.27E-04	7.56E-05	1.77E-04
5793	624210.32	4266484.33	1.14E-03	3.91E-04	9.50E-04	2.93E-04	2.25E-04	7.49E-05	1.75E-04
5794	624201.28	4266480.4	1.13E-03	3.87E-04	9.41E-04	2.90E-04	2.23E-04	7.42E-05	1.74E-04
5795	624192.24	4266476.48	1.11E-03	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04
5796	624183.2	4266472.55	1.10E-03	3.79E-04	9.20E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04
5797	624174.16	4266468.63	1.09E-03	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.17E-05	1.68E-04
5798	624165.12	4266464.7	1.07E-03	3.69E-04	8.98E-04	2.77E-04	2.13E-04	7.08E-05	1.66E-04
5799	624156.08	4266460.77	1.06E-03	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.64E-04
5800	624147.04	4266456.85	1.05E-03	3.59E-04	8.73E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04
5801	624138	4266452.92	1.03E-03	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04
5802	624128.96	4266449	1.01E-03	3.49E-04	8.47E-04	2.61E-04	2.01E-04	6.68E-05	1.56E-04
5803	624119.92	4266445.07	9.97E-04	3.43E-04	8.34E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04
5804	624074.72	4266425.44	9.12E-04	3.14E-04	7.62E-04	2.35E-04	1.80E-04	6.01E-05	1.41E-04
5805	624062.05	4266412.35	8.94E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04
5806	624058.42	4266403.19	8.93E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04
5807	624054.79	4266394.03	8.93E-04	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04
5808	624051.16	4266384.87	8.92E-04	3.07E-04	7.45E-04	2.30E-04	1.76E-04	5.87E-05	1.38E-04
5809	624047.52	4266375.7	8.90E-04	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04
5810	624043.89	4266366.54	8.89E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04
5811	624040.26	4266357.38	8.88E-04	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04
5812	624036.63	4266348.22	8.86E-04	3.05E-04	7.41E-04	2.28E-04	1.75E-04	5.84E-05	1.37E-04
5813	624033	4266339.06	8.85E-04	3.04E-04	7.39E-04	2.28E-04	1.75E-04	5.83E-05	1.36E-04
5814	624029.37	4266329.9	8.83E-04	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04
5815	624025.74	4266320.73	8.81E-04	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04
5816	624022.1	4266311.57	8.79E-04	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04
5817	624018.47	4266302.41	8.77E-04	3.02E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04
5818	624014.84	4266293.25	8.75E-04	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04
5819	624011.21	4266284.09	8.73E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04
5820	624007.58	4266274.92	8.70E-04	2.99E-04	7.27E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04

5821	624003.95	4266265.76	8.67E-04	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04
5822	624000.31	4266256.6	8.63E-04	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.69E-05	1.33E-04
5823	623996.68	4266247.44	8.59E-04	2.95E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04
5824	623993.05	4266238.28	8.54E-04	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04
5825	623989.42	4266229.11	8.49E-04	2.92E-04	7.09E-04	2.18E-04	1.68E-04	5.59E-05	1.31E-04
5826	623985.79	4266219.95	8.43E-04	2.90E-04	7.04E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04
5827	623982.16	4266210.79	8.36E-04	2.87E-04	6.99E-04	2.15E-04	1.65E-04	5.51E-05	1.29E-04
5828	623978.52	4266201.63	8.29E-04	2.85E-04	6.93E-04	2.13E-04	1.64E-04	5.46E-05	1.28E-04
5829	623974.89	4266192.47	8.22E-04	2.83E-04	6.87E-04	2.12E-04	1.63E-04	5.41E-05	1.27E-04
5830	623971.26	4266183.3	8.14E-04	2.80E-04	6.80E-04	2.10E-04	1.61E-04	5.36E-05	1.26E-04
5831	623967.63	4266174.14	8.07E-04	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.31E-05	1.24E-04
5832	623964	4266164.98	7.99E-04	2.75E-04	6.68E-04	2.06E-04	1.58E-04	5.26E-05	1.23E-04
5833	624365.7	4266543.57	1.24E-03	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.17E-05	1.91E-04
5834	624375.59	4266543.75	1.25E-03	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.23E-05	1.93E-04
5835	624385.47	4266543.92	1.26E-03	4.33E-04	1.05E-03	3.24E-04	2.49E-04	8.29E-05	1.94E-04
5836	624395.36	4266544.1	1.27E-03	4.35E-04	1.06E-03	3.26E-04	2.51E-04	8.34E-05	1.95E-04
5837	624405.25	4266544.28	1.27E-03	4.38E-04	1.07E-03	3.28E-04	2.52E-04	8.40E-05	1.97E-04
5838	624415.14	4266544.45	1.28E-03	4.41E-04	1.07E-03	3.30E-04	2.54E-04	8.45E-05	1.98E-04
5839	624425.03	4266544.63	1.29E-03	4.43E-04	1.08E-03	3.32E-04	2.55E-04	8.50E-05	1.99E-04
5840	624434.92	4266544.81	1.30E-03	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.54E-05	2.00E-04
5841	624444.81	4266544.98	1.30E-03	4.48E-04	1.09E-03	3.36E-04	2.58E-04	8.59E-05	2.01E-04
5842	624454.7	4266545.16	1.31E-03	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.64E-05	2.02E-04
5843	624464.59	4266545.34	1.32E-03	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04
5844	624474.48	4266545.51	1.32E-03	4.55E-04	1.11E-03	3.41E-04	2.62E-04	8.72E-05	2.04E-04
5845	624484.37	4266545.69	1.33E-03	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.76E-05	2.05E-04
5846	624494.26	4266545.87	1.34E-03	4.59E-04	1.12E-03	3.44E-04	2.64E-04	8.80E-05	2.06E-04
5847	624504.15	4266546.04	1.34E-03	4.61E-04	1.12E-03	3.45E-04	2.66E-04	8.84E-05	2.07E-04
5848	624514.03	4266546.22	1.35E-03	4.63E-04	1.13E-03	3.47E-04	2.67E-04	8.87E-05	2.08E-04
5849	624523.92	4266546.4	1.35E-03	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.90E-05	2.09E-04
5850	624533.81	4266546.57	1.36E-03	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.94E-05	2.09E-04
5851	624543.7	4266546.75	1.36E-03	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04
5852	624553.59	4266546.92	1.36E-03	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.11E-04
5853	624563.48	4266547.1	1.37E-03	4.70E-04	1.14E-03	3.52E-04	2.71E-04	9.01E-05	2.11E-04
5854	624573.37	4266547.28	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.12E-04
5855	624583.26	4266547.45	1.37E-03	4.72E-04	1.15E-03	3.54E-04	2.72E-04	9.05E-05	2.12E-04
5856	624593.15	4266547.63	1.38E-03	4.73E-04	1.15E-03	3.54E-04	2.72E-04	9.06E-05	2.12E-04
5857	624603.04	4266547.81	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.08E-05	2.13E-04
5858	624612.93	4266547.98	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.08E-05	2.13E-04
5859	624622.82	4266548.16	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04
5860	624632.7	4266548.34	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04
5861	624642.59	4266548.51	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.09E-05	2.13E-04
5862	624652.48	4266548.69	1.38E-03	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.07E-05	2.13E-04
5863	624662.37	4266548.87	1.37E-03	4.73E-04	1.15E-03	3.54E-04	2.72E-04	9.06E-05	2.12E-04
5864	624672.26	4266549.04	1.37E-03	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.12E-04
5865	624682.15	4266549.22	1.37E-03	4.70E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04
5866	624692.04	4266549.4	1.36E-03	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04
5867	624701.93	4266549.57	1.35E-03	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.92E-05	2.09E-04
5868	624711.82	4266549.75	1.35E-03	4.63E-04	1.12E-03	3.47E-04	2.66E-04	8.87E-05	2.08E-04
5869	624721.71	4266549.93	1.34E-03	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04
5870	624731.6	4266550.1	1.33E-03	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04
5871	624741.49	4266550.28	1.32E-03	4.54E-04	1.10E-03	3.40E-04	2.61E-04	8.69E-05	2.04E-04
5872	624751.38	4266550.46	1.31E-03	4.50E-04	1.09E-03	3.37E-04	2.59E-04	8.63E-05	2.02E-04

5873	624761.26	4266550.63	1.30E-03	4.47E-04	1.09E-03	3.35E-04	2.57E-04	8.56E-05	2.01E-04
5874	624771.15	4266550.81	1.29E-03	4.44E-04	1.08E-03	3.32E-04	2.55E-04	8.50E-05	1.99E-04
5875	624781.04	4266550.99	1.28E-03	4.40E-04	1.07E-03	3.30E-04	2.53E-04	8.43E-05	1.98E-04
5876	624790.93	4266551.16	1.27E-03	4.37E-04	1.06E-03	3.27E-04	2.51E-04	8.37E-05	1.96E-04
5877	624800.82	4266551.34	1.26E-03	4.33E-04	1.05E-03	3.24E-04	2.49E-04	8.30E-05	1.94E-04
5878	624810.71	4266551.52	1.25E-03	4.30E-04	1.04E-03	3.22E-04	2.47E-04	8.23E-05	1.93E-04
5879	624820.6	4266551.69	1.24E-03	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04
5880	624830.49	4266551.87	1.23E-03	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04
5881	624840.38	4266552.05	1.22E-03	4.18E-04	1.02E-03	3.13E-04	2.40E-04	8.01E-05	1.87E-04
5882	624336.02	4266589.3	1.08E-03	3.72E-04	9.04E-04	2.78E-04	2.14E-04	7.13E-05	1.67E-04
5883	624327.01	4266585.38	1.08E-03	3.73E-04	9.06E-04	2.79E-04	2.15E-04	7.14E-05	1.67E-04
5884	624318	4266581.47	1.08E-03	3.73E-04	9.07E-04	2.79E-04	2.15E-04	7.15E-05	1.67E-04
5885	624309	4266577.56	1.09E-03	3.73E-04	9.07E-04	2.79E-04	2.15E-04	7.15E-05	1.67E-04
5886	624299.99	4266573.65	1.08E-03	3.73E-04	9.06E-04	2.79E-04	2.15E-04	7.14E-05	1.67E-04
5887	624245.94	4266550.18	1.06E-03	3.64E-04	8.86E-04	2.73E-04	2.10E-04	6.98E-05	1.63E-04
5888	624236.93	4266546.27	1.05E-03	3.62E-04	8.80E-04	2.71E-04	2.08E-04	6.94E-05	1.62E-04
5889	624227.93	4266542.35	1.05E-03	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04
5890	624218.92	4266538.44	1.04E-03	3.57E-04	8.69E-04	2.68E-04	2.06E-04	6.85E-05	1.60E-04
5891	624209.91	4266534.53	1.03E-03	3.55E-04	8.63E-04	2.66E-04	2.04E-04	6.80E-05	1.59E-04
5892	624200.9	4266530.62	1.02E-03	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04
5893	624191.9	4266526.71	1.02E-03	3.50E-04	8.50E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04
5894	624182.89	4266522.8	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04
5895	624173.88	4266518.88	9.99E-04	3.44E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04
5896	624164.87	4266514.97	9.90E-04	3.40E-04	8.27E-04	2.55E-04	1.96E-04	6.52E-05	1.53E-04
5897	624155.87	4266511.06	9.80E-04	3.37E-04	8.19E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04
5898	624146.86	4266507.15	9.69E-04	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04
5899	624137.85	4266503.24	9.58E-04	3.29E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04
5900	624128.84	4266499.32	9.46E-04	3.25E-04	7.91E-04	2.44E-04	1.87E-04	6.23E-05	1.46E-04
5901	624119.84	4266495.41	9.34E-04	3.21E-04	7.81E-04	2.40E-04	1.85E-04	6.15E-05	1.44E-04
5902	624074.8	4266475.85	8.66E-04	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04
5903	624065.79	4266471.94	8.52E-04	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04
5904	624056.78	4266468.03	8.37E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04
5905	624047.78	4266464.12	8.22E-04	2.83E-04	6.87E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04
5906	624038.77	4266460.21	8.08E-04	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04
5907	624026.14	4266447.16	7.93E-04	2.73E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04
5908	624022.52	4266438.04	7.92E-04	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04
5909	624018.91	4266428.91	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.56E-04	5.21E-05	1.22E-04
5910	624015.29	4266419.78	7.89E-04	2.71E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04
5911	624011.67	4266410.65	7.88E-04	2.71E-04	6.59E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04
5912	624008.05	4266401.52	7.87E-04	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.18E-05	1.21E-04
5913	624004.43	4266392.39	7.86E-04	2.70E-04	6.57E-04	2.02E-04	1.55E-04	5.18E-05	1.21E-04
5914	624000.81	4266383.26	7.84E-04	2.70E-04	6.55E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
5915	623997.19	4266374.13	7.83E-04	2.69E-04	6.54E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04
5916	623993.57	4266365	7.81E-04	2.69E-04	6.53E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04
5917	623989.96	4266355.87	7.80E-04	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04
5918	623986.34	4266346.74	7.79E-04	2.68E-04	6.51E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04
5919	623982.72	4266337.61	7.77E-04	2.67E-04	6.50E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04
5920	623979.1	4266328.48	7.76E-04	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04
5921	623975.48	4266319.36	7.75E-04	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.20E-04
5922	623971.86	4266310.23	7.73E-04	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04
5923	623968.24	4266301.1	7.71E-04	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04
5924	623964.62	4266291.97	7.69E-04	2.65E-04	6.43E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04

5925	623961.01	4266282.84	7.67E-04	2.64E-04	6.41E-04	1.98E-04	1.52E-04	5.05E-05	1.18E-04
5926	623957.39	4266273.71	7.65E-04	2.63E-04	6.39E-04	1.97E-04	1.51E-04	5.04E-05	1.18E-04
5927	623953.77	4266264.58	7.62E-04	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04
5928	623950.15	4266255.45	7.58E-04	2.61E-04	6.34E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04
5929	623946.53	4266246.32	7.54E-04	2.59E-04	6.31E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04
5930	623942.91	4266237.19	7.50E-04	2.58E-04	6.27E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04
5931	623939.29	4266228.06	7.45E-04	2.56E-04	6.23E-04	1.92E-04	1.48E-04	4.91E-05	1.15E-04
5932	623935.68	4266218.93	7.40E-04	2.54E-04	6.18E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04
5933	623932.06	4266209.8	7.34E-04	2.52E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04
5934	623928.44	4266200.67	7.28E-04	2.50E-04	6.08E-04	1.87E-04	1.44E-04	4.80E-05	1.12E-04
5935	623924.82	4266191.55	7.22E-04	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.76E-05	1.11E-04
5936	623921.2	4266182.42	7.16E-04	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04
5937	623917.58	4266173.29	7.09E-04	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04
5938	623913.96	4266164.16	7.03E-04	2.42E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04
5939	623910.34	4266155.03	6.96E-04	2.39E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.07E-04
5940	624345.03	4266593.21	1.08E-03	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.66E-04
5941	624354.91	4266593.38	1.09E-03	3.73E-04	9.07E-04	2.80E-04	2.15E-04	7.15E-05	1.68E-04
5942	624364.8	4266593.56	1.09E-03	3.76E-04	9.13E-04	2.81E-04	2.16E-04	7.19E-05	1.69E-04
5943	624374.69	4266593.74	1.10E-03	3.78E-04	9.18E-04	2.83E-04	2.17E-04	7.23E-05	1.69E-04
5944	624384.58	4266593.91	1.10E-03	3.79E-04	9.22E-04	2.84E-04	2.18E-04	7.27E-05	1.70E-04
5945	624394.47	4266594.09	1.11E-03	3.81E-04	9.27E-04	2.85E-04	2.19E-04	7.30E-05	1.71E-04
5946	624404.36	4266594.27	1.11E-03	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04
5947	624414.25	4266594.44	1.12E-03	3.84E-04	9.35E-04	2.88E-04	2.21E-04	7.37E-05	1.73E-04
5948	624424.14	4266594.62	1.12E-03	3.86E-04	9.38E-04	2.89E-04	2.22E-04	7.40E-05	1.73E-04
5949	624434.03	4266594.8	1.13E-03	3.87E-04	9.42E-04	2.90E-04	2.23E-04	7.42E-05	1.74E-04
5950	624443.92	4266594.97	1.13E-03	3.89E-04	9.45E-04	2.91E-04	2.24E-04	7.45E-05	1.74E-04
5951	624453.81	4266595.15	1.13E-03	3.90E-04	9.48E-04	2.92E-04	2.25E-04	7.47E-05	1.75E-04
5952	624463.7	4266595.33	1.14E-03	3.91E-04	9.51E-04	2.93E-04	2.25E-04	7.50E-05	1.76E-04
5953	624473.58	4266595.5	1.14E-03	3.93E-04	9.54E-04	2.94E-04	2.26E-04	7.52E-05	1.76E-04
5954	624483.47	4266595.68	1.15E-03	3.94E-04	9.57E-04	2.95E-04	2.27E-04	7.55E-05	1.77E-04
5955	624493.36	4266595.86	1.15E-03	3.95E-04	9.60E-04	2.96E-04	2.27E-04	7.57E-05	1.77E-04
5956	624503.25	4266596.03	1.15E-03	3.96E-04	9.63E-04	2.97E-04	2.28E-04	7.59E-05	1.78E-04
5957	624513.14	4266596.21	1.16E-03	3.97E-04	9.66E-04	2.97E-04	2.29E-04	7.61E-05	1.78E-04
5958	624523.03	4266596.39	1.16E-03	3.98E-04	9.68E-04	2.98E-04	2.29E-04	7.63E-05	1.79E-04
5959	624532.92	4266596.56	1.16E-03	3.99E-04	9.71E-04	2.99E-04	2.30E-04	7.65E-05	1.79E-04
5960	624542.81	4266596.74	1.16E-03	4.00E-04	9.73E-04	3.00E-04	2.30E-04	7.67E-05	1.80E-04
5961	624552.7	4266596.92	1.17E-03	4.01E-04	9.76E-04	3.01E-04	2.31E-04	7.69E-05	1.80E-04
5962	624562.59	4266597.09	1.17E-03	4.02E-04	9.78E-04	3.01E-04	2.32E-04	7.71E-05	1.81E-04
5963	624572.48	4266597.27	1.17E-03	4.03E-04	9.80E-04	3.02E-04	2.32E-04	7.72E-05	1.81E-04
5964	624582.37	4266597.45	1.17E-03	4.04E-04	9.82E-04	3.02E-04	2.32E-04	7.74E-05	1.81E-04
5965	624592.26	4266597.62	1.18E-03	4.05E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.82E-04
5966	624602.14	4266597.8	1.18E-03	4.05E-04	9.85E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04
5967	624612.03	4266597.98	1.18E-03	4.06E-04	9.86E-04	3.04E-04	2.34E-04	7.77E-05	1.82E-04
5968	624621.92	4266598.15	1.18E-03	4.06E-04	9.87E-04	3.04E-04	2.34E-04	7.78E-05	1.82E-04
5969	624631.81	4266598.33	1.18E-03	4.06E-04	9.87E-04	3.04E-04	2.34E-04	7.78E-05	1.82E-04
5970	624641.7	4266598.51	1.18E-03	4.06E-04	9.87E-04	3.04E-04	2.34E-04	7.78E-05	1.82E-04
5971	624651.59	4266598.68	1.18E-03	4.06E-04	9.86E-04	3.04E-04	2.33E-04	7.77E-05	1.82E-04
5972	624661.48	4266598.86	1.18E-03	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04
5973	624671.37	4266599.04	1.17E-03	4.04E-04	9.81E-04	3.02E-04	2.32E-04	7.74E-05	1.81E-04
5974	624681.26	4266599.21	1.17E-03	4.02E-04	9.78E-04	3.01E-04	2.32E-04	7.71E-05	1.81E-04
5975	624691.15	4266599.39	1.17E-03	4.01E-04	9.74E-04	3.00E-04	2.31E-04	7.68E-05	1.80E-04
5976	624701.04	4266599.57	1.16E-03	3.99E-04	9.70E-04	2.99E-04	2.30E-04	7.65E-05	1.79E-04

5977	624710.93	4266599.74	1.15E-03	3.97E-04	9.65E-04	2.97E-04	2.29E-04	7.61E-05	1.78E-04
5978	624720.81	4266599.92	1.15E-03	3.95E-04	9.60E-04	2.96E-04	2.27E-04	7.57E-05	1.77E-04
5979	624730.7	4266600.1	1.14E-03	3.93E-04	9.55E-04	2.94E-04	2.26E-04	7.53E-05	1.76E-04
5980	624740.59	4266600.27	1.14E-03	3.91E-04	9.49E-04	2.92E-04	2.25E-04	7.48E-05	1.75E-04
5981	624750.48	4266600.45	1.13E-03	3.88E-04	9.44E-04	2.91E-04	2.23E-04	7.44E-05	1.74E-04
5982	624760.37	4266600.63	1.12E-03	3.86E-04	9.38E-04	2.89E-04	2.22E-04	7.39E-05	1.73E-04
5983	624770.26	4266600.8	1.12E-03	3.84E-04	9.32E-04	2.87E-04	2.21E-04	7.35E-05	1.72E-04
5984	624780.15	4266600.98	1.11E-03	3.81E-04	9.27E-04	2.85E-04	2.19E-04	7.30E-05	1.71E-04
5985	624790.04	4266601.16	1.10E-03	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04
5986	624799.93	4266601.33	1.09E-03	3.76E-04	9.15E-04	2.82E-04	2.17E-04	7.21E-05	1.69E-04
5987	624809.82	4266601.51	1.09E-03	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.17E-05	1.68E-04
5988	624819.71	4266601.69	1.08E-03	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04
5989	624829.6	4266601.86	1.07E-03	3.69E-04	8.96E-04	2.76E-04	2.12E-04	7.06E-05	1.65E-04
5990	624839.49	4266602.04	1.06E-03	3.66E-04	8.89E-04	2.74E-04	2.10E-04	7.01E-05	1.64E-04
5991	624335.15	4266639.3	9.64E-04	3.31E-04	8.06E-04	2.48E-04	1.91E-04	6.35E-05	1.49E-04
5992	624326.17	4266635.4	9.67E-04	3.32E-04	8.08E-04	2.49E-04	1.91E-04	6.37E-05	1.49E-04
5993	624317.19	4266631.5	9.69E-04	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04
5994	624308.2	4266627.6	9.71E-04	3.34E-04	8.11E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04
5995	624299.22	4266623.7	9.71E-04	3.34E-04	8.12E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04
5996	624290.24	4266619.8	9.71E-04	3.34E-04	8.12E-04	2.50E-04	1.92E-04	6.40E-05	1.50E-04
5997	624281.26	4266615.9	9.70E-04	3.33E-04	8.11E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04
5998	624272.28	4266611.99	9.68E-04	3.33E-04	8.09E-04	2.49E-04	1.92E-04	6.38E-05	1.49E-04
5999	624263.3	4266608.09	9.65E-04	3.32E-04	8.06E-04	2.48E-04	1.91E-04	6.36E-05	1.49E-04
6000	624254.31	4266604.19	9.62E-04	3.31E-04	8.04E-04	2.48E-04	1.90E-04	6.34E-05	1.48E-04
6001	624245.33	4266600.29	9.58E-04	3.29E-04	8.01E-04	2.47E-04	1.90E-04	6.31E-05	1.48E-04
6002	624236.35	4266596.39	9.54E-04	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.28E-05	1.47E-04
6003	624227.37	4266592.49	9.49E-04	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04
6004	624218.39	4266588.59	9.44E-04	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04
6005	624209.4	4266584.69	9.39E-04	3.23E-04	7.85E-04	2.42E-04	1.86E-04	6.19E-05	1.45E-04
6006	624155.51	4266561.29	9.03E-04	3.11E-04	7.55E-04	2.33E-04	1.79E-04	5.95E-05	1.39E-04
6007	624146.53	4266557.39	8.96E-04	3.08E-04	7.49E-04	2.31E-04	1.77E-04	5.90E-05	1.38E-04
6008	624137.55	4266553.48	8.88E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04
6009	624128.57	4266549.58	8.80E-04	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04
6010	624119.59	4266545.68	8.71E-04	3.00E-04	7.28E-04	2.24E-04	1.72E-04	5.74E-05	1.34E-04
6011	624065.69	4266522.28	8.08E-04	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04
6012	624056.71	4266518.38	7.97E-04	2.74E-04	6.66E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04
6013	624047.73	4266514.48	7.84E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
6014	624038.75	4266510.58	7.72E-04	2.66E-04	6.45E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04
6015	624029.77	4266506.68	7.60E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04
6016	624020.78	4266502.78	7.47E-04	2.57E-04	6.25E-04	1.92E-04	1.48E-04	4.92E-05	1.15E-04
6017	624011.8	4266498.87	7.35E-04	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04
6018	624002.82	4266494.97	7.22E-04	2.48E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.11E-04
6019	623990.23	4266481.97	7.09E-04	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04
6020	623986.62	4266472.87	7.08E-04	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
6021	623983.01	4266463.76	7.07E-04	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
6022	623979.41	4266454.66	7.05E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
6023	623975.8	4266445.56	7.04E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
6024	623972.19	4266436.45	7.03E-04	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04
6025	623968.58	4266427.35	7.02E-04	2.41E-04	5.86E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04
6026	623964.97	4266418.25	7.00E-04	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04
6027	623961.36	4266409.14	6.99E-04	2.40E-04	5.84E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04
6028	623957.76	4266400.04	6.98E-04	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04

6029	623954.15	4266390.94	6.97E-04	2.40E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.07E-04
6030	623950.54	4266381.83	6.96E-04	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04
6031	623946.93	4266372.73	6.95E-04	2.39E-04	5.81E-04	1.79E-04	1.37E-04	4.58E-05	1.07E-04
6032	623943.32	4266363.63	6.94E-04	2.38E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04
6033	623939.71	4266354.52	6.93E-04	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04
6034	623936.11	4266345.42	6.92E-04	2.38E-04	5.78E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04
6035	623932.5	4266336.32	6.91E-04	2.38E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04
6036	623928.89	4266327.22	6.90E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.06E-04
6037	623925.28	4266318.11	6.89E-04	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04
6038	623921.67	4266309.01	6.88E-04	2.36E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04
6039	623918.06	4266299.91	6.86E-04	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04
6040	623914.45	4266290.8	6.85E-04	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04
6041	623910.85	4266281.7	6.82E-04	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04
6042	623907.24	4266272.6	6.80E-04	2.34E-04	5.68E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04
6043	623903.63	4266263.49	6.77E-04	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04
6044	623900.02	4266254.39	6.74E-04	2.32E-04	5.63E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04
6045	623896.41	4266245.29	6.70E-04	2.31E-04	5.60E-04	1.73E-04	1.33E-04	4.42E-05	1.03E-04
6046	623892.8	4266236.18	6.66E-04	2.29E-04	5.57E-04	1.72E-04	1.32E-04	4.39E-05	1.03E-04
6047	623889.2	4266227.08	6.62E-04	2.28E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04
6048	623885.59	4266217.98	6.57E-04	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04
6049	623881.98	4266208.87	6.52E-04	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04
6050	623878.37	4266199.77	6.47E-04	2.22E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05
6051	623874.76	4266190.67	6.41E-04	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05
6052	623871.15	4266181.56	6.36E-04	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.81E-05
6053	623867.55	4266172.46	6.30E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.73E-05
6054	623863.94	4266163.36	6.25E-04	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05
6055	623860.33	4266154.25	6.19E-04	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05
6056	624344.13	4266643.2	9.60E-04	3.30E-04	8.03E-04	2.47E-04	1.90E-04	6.33E-05	1.48E-04
6057	624354.02	4266643.38	9.65E-04	3.32E-04	8.06E-04	2.48E-04	1.91E-04	6.36E-05	1.49E-04
6058	624363.91	4266643.55	9.69E-04	3.33E-04	8.10E-04	2.49E-04	1.92E-04	6.38E-05	1.49E-04
6059	624373.8	4266643.73	9.72E-04	3.34E-04	8.13E-04	2.50E-04	1.92E-04	6.41E-05	1.50E-04
6060	624383.69	4266643.91	9.76E-04	3.35E-04	8.15E-04	2.51E-04	1.93E-04	6.43E-05	1.51E-04
6061	624393.58	4266644.08	9.79E-04	3.37E-04	8.18E-04	2.52E-04	1.94E-04	6.45E-05	1.51E-04
6062	624403.47	4266644.26	9.81E-04	3.37E-04	8.20E-04	2.53E-04	1.94E-04	6.47E-05	1.51E-04
6063	624413.36	4266644.44	9.84E-04	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04
6064	624423.25	4266644.61	9.86E-04	3.39E-04	8.24E-04	2.54E-04	1.95E-04	6.50E-05	1.52E-04
6065	624433.14	4266644.79	9.89E-04	3.40E-04	8.26E-04	2.55E-04	1.96E-04	6.51E-05	1.53E-04
6066	624443.02	4266644.97	9.91E-04	3.41E-04	8.28E-04	2.55E-04	1.96E-04	6.53E-05	1.53E-04
6067	624452.91	4266645.14	9.93E-04	3.41E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04
6068	624462.8	4266645.32	9.95E-04	3.42E-04	8.31E-04	2.56E-04	1.97E-04	6.55E-05	1.54E-04
6069	624472.69	4266645.5	9.97E-04	3.43E-04	8.33E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04
6070	624482.58	4266645.67	9.99E-04	3.43E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04
6071	624492.47	4266645.85	1.00E-03	3.44E-04	8.37E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04
6072	624502.36	4266646.03	1.00E-03	3.45E-04	8.38E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04
6073	624512.25	4266646.2	1.00E-03	3.46E-04	8.40E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04
6074	624522.14	4266646.38	1.01E-03	3.46E-04	8.42E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04
6075	624532.03	4266646.56	1.01E-03	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04
6076	624541.92	4266646.73	1.01E-03	3.48E-04	8.45E-04	2.60E-04	2.00E-04	6.66E-05	1.56E-04
6077	624551.81	4266646.91	1.01E-03	3.48E-04	8.47E-04	2.61E-04	2.01E-04	6.68E-05	1.56E-04
6078	624561.69	4266647.09	1.02E-03	3.49E-04	8.49E-04	2.61E-04	2.01E-04	6.69E-05	1.57E-04
6079	624571.58	4266647.26	1.02E-03	3.50E-04	8.50E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04
6080	624581.47	4266647.44	1.02E-03	3.50E-04	8.52E-04	2.62E-04	2.02E-04	6.71E-05	1.57E-04

6081	624591.36	4266647.62	1.02E-03	3.51E-04	8.53E-04	2.63E-04	2.02E-04	6.73E-05	1.58E-04
6082	624601.25	4266647.79	1.02E-03	3.51E-04	8.54E-04	2.63E-04	2.02E-04	6.73E-05	1.58E-04
6083	624611.14	4266647.97	1.02E-03	3.52E-04	8.55E-04	2.63E-04	2.03E-04	6.74E-05	1.58E-04
6084	624621.03	4266648.15	1.02E-03	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04
6085	624630.92	4266648.32	1.02E-03	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04
6086	624640.81	4266648.5	1.02E-03	3.52E-04	8.55E-04	2.63E-04	2.03E-04	6.74E-05	1.58E-04
6087	624650.7	4266648.67	1.02E-03	3.51E-04	8.54E-04	2.63E-04	2.02E-04	6.73E-05	1.58E-04
6088	624660.59	4266648.85	1.02E-03	3.51E-04	8.53E-04	2.63E-04	2.02E-04	6.72E-05	1.57E-04
6089	624670.48	4266649.03	1.02E-03	3.50E-04	8.51E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04
6090	624680.37	4266649.2	1.01E-03	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.68E-05	1.57E-04
6091	624690.25	4266649.38	1.01E-03	3.48E-04	8.45E-04	2.60E-04	2.00E-04	6.66E-05	1.56E-04
6092	624700.14	4266649.56	1.01E-03	3.46E-04	8.42E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04
6093	624710.03	4266649.73	1.00E-03	3.45E-04	8.38E-04	2.58E-04	1.98E-04	6.61E-05	1.55E-04
6094	624719.92	4266649.91	9.98E-04	3.43E-04	8.34E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04
6095	624729.81	4266650.09	9.93E-04	3.42E-04	8.30E-04	2.56E-04	1.97E-04	6.54E-05	1.53E-04
6096	624739.7	4266650.26	9.89E-04	3.40E-04	8.26E-04	2.55E-04	1.96E-04	6.51E-05	1.53E-04
6097	624749.59	4266650.44	9.84E-04	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04
6098	624759.48	4266650.62	9.79E-04	3.37E-04	8.18E-04	2.52E-04	1.94E-04	6.45E-05	1.51E-04
6099	624769.37	4266650.79	9.74E-04	3.35E-04	8.14E-04	2.51E-04	1.93E-04	6.42E-05	1.50E-04
6100	624779.26	4266650.97	9.70E-04	3.33E-04	8.10E-04	2.50E-04	1.92E-04	6.39E-05	1.50E-04
6101	624789.15	4266651.15	9.65E-04	3.32E-04	8.06E-04	2.48E-04	1.91E-04	6.36E-05	1.49E-04
6102	624799.04	4266651.32	9.60E-04	3.30E-04	8.02E-04	2.47E-04	1.90E-04	6.33E-05	1.48E-04
6103	624808.92	4266651.5	9.55E-04	3.28E-04	7.98E-04	2.46E-04	1.89E-04	6.29E-05	1.47E-04
6104	624818.81	4266651.68	9.49E-04	3.26E-04	7.94E-04	2.44E-04	1.88E-04	6.26E-05	1.46E-04
6105	624828.7	4266651.85	9.44E-04	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04
6106	624838.59	4266652.03	9.38E-04	3.22E-04	7.84E-04	2.41E-04	1.86E-04	6.18E-05	1.45E-04
6107	624334.28	4266689.3	8.64E-04	2.97E-04	7.22E-04	2.22E-04	1.71E-04	5.69E-05	1.33E-04
6108	624325.32	4266685.41	8.67E-04	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04
6109	624316.36	4266681.52	8.70E-04	2.99E-04	7.27E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04
6110	624307.4	4266677.63	8.73E-04	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04
6111	624298.43	4266673.73	8.75E-04	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04
6112	624289.47	4266669.84	8.76E-04	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04
6113	624280.51	4266665.95	8.76E-04	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04
6114	624271.55	4266662.06	8.75E-04	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04
6115	624262.59	4266658.17	8.74E-04	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04
6116	624253.63	4266654.28	8.72E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04
6117	624244.67	4266650.38	8.70E-04	2.99E-04	7.27E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04
6118	624235.71	4266646.49	8.67E-04	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04
6119	624226.75	4266642.6	8.64E-04	2.97E-04	7.22E-04	2.22E-04	1.71E-04	5.69E-05	1.33E-04
6120	624217.79	4266638.71	8.61E-04	2.96E-04	7.20E-04	2.22E-04	1.70E-04	5.67E-05	1.33E-04
6121	624208.82	4266634.82	8.57E-04	2.95E-04	7.17E-04	2.21E-04	1.70E-04	5.65E-05	1.32E-04
6122	624199.86	4266630.93	8.53E-04	2.93E-04	7.13E-04	2.20E-04	1.69E-04	5.62E-05	1.32E-04
6123	624190.9	4266627.03	8.50E-04	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.60E-05	1.31E-04
6124	624181.94	4266623.14	8.45E-04	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04
6125	624172.98	4266619.25	8.41E-04	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04
6126	624164.02	4266615.36	8.37E-04	2.88E-04	7.00E-04	2.15E-04	1.66E-04	5.51E-05	1.29E-04
6127	624155.06	4266611.47	8.32E-04	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04
6128	624146.1	4266607.58	8.27E-04	2.85E-04	6.92E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04
6129	624137.14	4266603.69	8.22E-04	2.83E-04	6.87E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04
6130	624128.18	4266599.79	8.17E-04	2.81E-04	6.82E-04	2.10E-04	1.62E-04	5.38E-05	1.26E-04
6131	624119.21	4266595.9	8.10E-04	2.79E-04	6.77E-04	2.09E-04	1.60E-04	5.34E-05	1.25E-04
6132	624029.6	4266556.99	7.26E-04	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04

6133	624020.64	4266553.09	7.15E-04	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04
6134	624011.68	4266549.2	7.05E-04	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
6135	624002.72	4266545.31	6.94E-04	2.39E-04	5.80E-04	1.79E-04	1.37E-04	4.57E-05	1.07E-04
6136	623993.76	4266541.42	6.83E-04	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04
6137	623984.8	4266537.53	6.72E-04	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04
6138	623975.84	4266533.64	6.61E-04	2.27E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04
6139	623966.88	4266529.74	6.51E-04	2.24E-04	5.44E-04	1.68E-04	1.29E-04	4.29E-05	1.00E-04
6140	623954.32	4266516.77	6.39E-04	2.20E-04	5.34E-04	1.65E-04	1.26E-04	4.21E-05	9.86E-05
6141	623950.72	4266507.69	6.38E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05
6142	623947.12	4266498.61	6.37E-04	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.82E-05
6143	623943.52	4266489.52	6.35E-04	2.19E-04	5.31E-04	1.64E-04	1.26E-04	4.19E-05	9.81E-05
6144	623939.92	4266480.44	6.34E-04	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05
6145	623936.32	4266471.36	6.33E-04	2.18E-04	5.29E-04	1.63E-04	1.25E-04	4.17E-05	9.77E-05
6146	623932.72	4266462.28	6.32E-04	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05
6147	623929.12	4266453.2	6.31E-04	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.73E-05
6148	623925.52	4266444.11	6.29E-04	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.71E-05
6149	623921.92	4266435.03	6.28E-04	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.69E-05
6150	623918.32	4266425.95	6.27E-04	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.68E-05
6151	623914.72	4266416.87	6.26E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.13E-05	9.66E-05
6152	623911.12	4266407.79	6.25E-04	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05
6153	623907.52	4266398.7	6.24E-04	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.11E-05	9.63E-05
6154	623903.92	4266389.62	6.24E-04	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05
6155	623900.32	4266380.54	6.23E-04	2.14E-04	5.21E-04	1.60E-04	1.23E-04	4.11E-05	9.61E-05
6156	623896.72	4266371.46	6.23E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05
6157	623893.12	4266362.38	6.22E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05
6158	623889.52	4266353.29	6.22E-04	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.59E-05
6159	623885.92	4266344.21	6.21E-04	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05
6160	623882.32	4266335.13	6.21E-04	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05
6161	623878.72	4266326.05	6.20E-04	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05
6162	623875.12	4266316.97	6.19E-04	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05
6163	623871.52	4266307.88	6.18E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05
6164	623867.92	4266298.8	6.17E-04	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.06E-05	9.52E-05
6165	623864.32	4266289.72	6.15E-04	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.49E-05
6166	623860.72	4266280.64	6.13E-04	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05
6167	623857.12	4266271.55	6.11E-04	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.02E-05	9.43E-05
6168	623853.52	4266262.47	6.08E-04	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05
6169	623849.92	4266253.39	6.05E-04	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.33E-05
6170	623846.32	4266244.31	6.01E-04	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.96E-05	9.28E-05
6171	623842.72	4266235.23	5.97E-04	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05
6172	623839.12	4266226.14	5.93E-04	2.04E-04	4.96E-04	1.53E-04	1.17E-04	3.91E-05	9.15E-05
6173	623835.52	4266217.06	5.89E-04	2.02E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05
6174	623831.92	4266207.98	5.84E-04	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.02E-05
6175	623828.32	4266198.9	5.80E-04	1.99E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.95E-05
6176	623824.72	4266189.82	5.75E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05
6177	623821.12	4266180.73	5.70E-04	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05
6178	623817.52	4266171.65	5.65E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.72E-05
6179	623813.92	4266162.57	5.60E-04	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05
6180	623810.32	4266153.49	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05
6181	624343.24	4266693.19	8.60E-04	2.96E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04
6182	624353.13	4266693.37	8.62E-04	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04
6183	624363.02	4266693.55	8.65E-04	2.97E-04	7.23E-04	2.23E-04	1.71E-04	5.70E-05	1.33E-04
6184	624372.91	4266693.72	8.67E-04	2.98E-04	7.25E-04	2.23E-04	1.72E-04	5.71E-05	1.34E-04

6185	624382.8	4266693.9	8.69E-04	2.99E-04	7.26E-04	2.24E-04	1.72E-04	5.72E-05	1.34E-04
6186	624392.69	4266694.08	8.70E-04	2.99E-04	7.28E-04	2.24E-04	1.72E-04	5.73E-05	1.34E-04
6187	624402.57	4266694.25	8.72E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04
6188	624412.46	4266694.43	8.73E-04	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04
6189	624422.35	4266694.61	8.75E-04	3.01E-04	7.31E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04
6190	624432.24	4266694.78	8.76E-04	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04
6191	624442.13	4266694.96	8.77E-04	3.01E-04	7.33E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04
6192	624452.02	4266695.13	8.78E-04	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.78E-05	1.35E-04
6193	624461.91	4266695.31	8.79E-04	3.02E-04	7.34E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04
6194	624471.8	4266695.49	8.80E-04	3.03E-04	7.35E-04	2.26E-04	1.74E-04	5.80E-05	1.36E-04
6195	624481.69	4266695.66	8.81E-04	3.03E-04	7.36E-04	2.27E-04	1.74E-04	5.80E-05	1.36E-04
6196	624491.58	4266695.84	8.82E-04	3.03E-04	7.37E-04	2.27E-04	1.75E-04	5.81E-05	1.36E-04
6197	624501.47	4266696.02	8.83E-04	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04
6198	624511.36	4266696.19	8.85E-04	3.04E-04	7.39E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04
6199	624521.25	4266696.37	8.86E-04	3.05E-04	7.41E-04	2.28E-04	1.75E-04	5.84E-05	1.37E-04
6200	624531.13	4266696.55	8.88E-04	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04
6201	624541.02	4266696.72	8.89E-04	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04
6202	624550.91	4266696.9	8.91E-04	3.06E-04	7.45E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04
6203	624560.8	4266697.08	8.92E-04	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04
6204	624570.69	4266697.25	8.94E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.89E-05	1.38E-04
6205	624580.58	4266697.43	8.95E-04	3.08E-04	7.48E-04	2.30E-04	1.77E-04	5.90E-05	1.38E-04
6206	624590.47	4266697.61	8.96E-04	3.08E-04	7.49E-04	2.31E-04	1.77E-04	5.91E-05	1.38E-04
6207	624600.36	4266697.78	8.97E-04	3.08E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.38E-04
6208	624610.25	4266697.96	8.98E-04	3.09E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.39E-04
6209	624620.14	4266698.14	8.98E-04	3.09E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.39E-04
6210	624630.03	4266698.31	8.97E-04	3.09E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.38E-04
6211	624639.92	4266698.49	8.96E-04	3.08E-04	7.49E-04	2.31E-04	1.77E-04	5.91E-05	1.38E-04
6212	624649.8	4266698.67	8.95E-04	3.08E-04	7.48E-04	2.30E-04	1.77E-04	5.90E-05	1.38E-04
6213	624659.69	4266698.84	8.93E-04	3.07E-04	7.47E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04
6214	624669.58	4266699.02	8.91E-04	3.06E-04	7.45E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04
6215	624679.47	4266699.2	8.88E-04	3.05E-04	7.42E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04
6216	624689.36	4266699.37	8.85E-04	3.04E-04	7.40E-04	2.28E-04	1.75E-04	5.83E-05	1.37E-04
6217	624699.25	4266699.55	8.82E-04	3.03E-04	7.37E-04	2.27E-04	1.75E-04	5.81E-05	1.36E-04
6218	624709.14	4266699.73	8.79E-04	3.02E-04	7.35E-04	2.26E-04	1.74E-04	5.79E-05	1.36E-04
6219	624719.03	4266699.9	8.76E-04	3.01E-04	7.32E-04	2.25E-04	1.73E-04	5.77E-05	1.35E-04
6220	624728.92	4266700.08	8.72E-04	3.00E-04	7.29E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04
6221	624738.81	4266700.26	8.69E-04	2.99E-04	7.26E-04	2.24E-04	1.72E-04	5.72E-05	1.34E-04
6222	624748.7	4266700.43	8.66E-04	2.98E-04	7.23E-04	2.23E-04	1.71E-04	5.70E-05	1.34E-04
6223	624758.59	4266700.61	8.63E-04	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04
6224	624768.48	4266700.79	8.59E-04	2.96E-04	7.18E-04	2.21E-04	1.70E-04	5.66E-05	1.33E-04
6225	624778.36	4266700.96	8.56E-04	2.94E-04	7.16E-04	2.20E-04	1.69E-04	5.64E-05	1.32E-04
6226	624788.25	4266701.14	8.53E-04	2.93E-04	7.13E-04	2.20E-04	1.69E-04	5.62E-05	1.32E-04
6227	624798.14	4266701.32	8.49E-04	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.59E-05	1.31E-04
6228	624808.03	4266701.49	8.45E-04	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04
6229	624817.92	4266701.67	8.41E-04	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04
6230	624827.81	4266701.85	8.37E-04	2.88E-04	7.00E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04
6231	624837.7	4266702.02	8.33E-04	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.49E-05	1.29E-04
6232	624333.4	4266739.3	7.78E-04	2.68E-04	6.50E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04
6233	624324.46	4266735.42	7.82E-04	2.69E-04	6.53E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04
6234	624315.52	4266731.53	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
6235	624306.57	4266727.65	7.88E-04	2.71E-04	6.59E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04
6236	624297.63	4266723.76	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04

6237	624288.69	4266719.88	7.92E-04	2.73E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04
6238	624279.74	4266716	7.93E-04	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04
6239	624270.8	4266712.11	7.94E-04	2.73E-04	6.64E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04
6240	624261.85	4266708.23	7.94E-04	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04
6241	624252.91	4266704.34	7.93E-04	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04
6242	624243.97	4266700.46	7.92E-04	2.73E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04
6243	624235.02	4266696.58	7.91E-04	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04
6244	624226.08	4266692.69	7.89E-04	2.71E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04
6245	624217.14	4266688.81	7.87E-04	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.21E-04
6246	624208.19	4266684.92	7.85E-04	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
6247	624199.25	4266681.04	7.82E-04	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04
6248	624190.3	4266677.15	7.79E-04	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.13E-05	1.20E-04
6249	624181.36	4266673.27	7.76E-04	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04
6250	624172.42	4266669.39	7.73E-04	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04
6251	624163.47	4266665.5	7.70E-04	2.65E-04	6.44E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04
6252	624154.53	4266661.62	7.67E-04	2.64E-04	6.41E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04
6253	624145.59	4266657.73	7.64E-04	2.63E-04	6.38E-04	1.97E-04	1.51E-04	5.03E-05	1.18E-04
6254	624136.64	4266653.85	7.60E-04	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04
6255	624127.7	4266649.97	7.56E-04	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04
6256	624118.76	4266646.08	7.52E-04	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04
6257	624074.04	4266626.66	7.27E-04	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.79E-05	1.12E-04
6258	624065.09	4266622.78	7.20E-04	2.48E-04	6.02E-04	1.85E-04	1.43E-04	4.74E-05	1.11E-04
6259	624056.15	4266618.89	7.13E-04	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04
6260	624047.21	4266615.01	7.06E-04	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
6261	624038.26	4266611.13	6.99E-04	2.40E-04	5.84E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04
6262	624029.32	4266607.24	6.91E-04	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04
6263	624020.38	4266603.36	6.82E-04	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04
6264	624011.43	4266599.47	6.74E-04	2.32E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04
6265	624002.49	4266595.59	6.65E-04	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.38E-05	1.03E-04
6266	623993.54	4266591.7	6.56E-04	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04
6267	623984.6	4266587.82	6.47E-04	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.26E-05	9.98E-05
6268	623975.66	4266583.94	6.37E-04	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.83E-05
6269	623966.71	4266580.05	6.28E-04	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.69E-05
6270	623957.77	4266576.17	6.18E-04	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05
6271	623948.83	4266572.28	6.09E-04	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05
6272	623939.88	4266568.4	5.99E-04	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.25E-05
6273	623930.94	4266564.52	5.90E-04	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.89E-05	9.10E-05
6274	623918.4	4266551.57	5.80E-04	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.82E-05	8.94E-05
6275	623914.81	4266542.5	5.78E-04	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.81E-05	8.92E-05
6276	623911.22	4266533.44	5.77E-04	1.98E-04	4.82E-04	1.49E-04	1.14E-04	3.80E-05	8.91E-05
6277	623907.62	4266524.37	5.76E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.89E-05
6278	623904.03	4266515.31	5.75E-04	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05
6279	623900.44	4266506.25	5.74E-04	1.97E-04	4.80E-04	1.48E-04	1.14E-04	3.78E-05	8.85E-05
6280	623896.84	4266497.18	5.73E-04	1.97E-04	4.79E-04	1.47E-04	1.13E-04	3.77E-05	8.84E-05
6281	623893.25	4266488.12	5.72E-04	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.82E-05
6282	623889.66	4266479.05	5.70E-04	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05
6283	623886.06	4266469.99	5.69E-04	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.78E-05
6284	623882.47	4266460.92	5.68E-04	1.95E-04	4.75E-04	1.46E-04	1.12E-04	3.74E-05	8.77E-05
6285	623878.88	4266451.86	5.67E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05
6286	623875.29	4266442.79	5.67E-04	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.73E-05	8.74E-05
6287	623871.69	4266433.73	5.66E-04	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05
6288	623868.1	4266424.66	5.65E-04	1.94E-04	4.72E-04	1.46E-04	1.12E-04	3.72E-05	8.72E-05

6289	623864.51	4266415.6	5.65E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.71E-05
6290	623860.91	4266406.54	5.64E-04	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.71E-05
6291	623857.32	4266397.47	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05
6292	623853.73	4266388.41	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05
6293	623850.13	4266379.34	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05
6294	623846.54	4266370.28	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05
6295	623842.95	4266361.21	5.64E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05
6296	623839.36	4266352.15	5.63E-04	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05
6297	623835.76	4266343.08	5.63E-04	1.94E-04	4.71E-04	1.45E-04	1.11E-04	3.71E-05	8.69E-05
6298	623832.17	4266334.02	5.63E-04	1.94E-04	4.71E-04	1.45E-04	1.11E-04	3.71E-05	8.69E-05
6299	623828.58	4266324.95	5.62E-04	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05
6300	623824.98	4266315.89	5.62E-04	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05
6301	623821.39	4266306.83	5.61E-04	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05
6302	623817.8	4266297.76	5.59E-04	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.63E-05
6303	623814.2	4266288.7	5.58E-04	1.92E-04	4.66E-04	1.44E-04	1.10E-04	3.67E-05	8.60E-05
6304	623810.61	4266279.63	5.55E-04	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05
6305	623807.02	4266270.57	5.53E-04	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.53E-05
6306	623803.43	4266261.5	5.50E-04	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.62E-05	8.49E-05
6307	623799.83	4266252.44	5.47E-04	1.88E-04	4.57E-04	1.41E-04	1.08E-04	3.60E-05	8.44E-05
6308	623796.24	4266243.37	5.44E-04	1.87E-04	4.54E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05
6309	623792.65	4266234.31	0.00053983	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05
6310	623789.05	4266225.25	0.00053587	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05
6311	623785.46	4266216.18	0.00053193	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.50E-05	8.21E-05
6312	623781.87	4266207.12	0.00052792	1.82E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.15E-05
6313	623778.27	4266198.05	0.00052375	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05
6314	623774.68	4266188.99	0.00051945	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.02E-05
6315	623771.09	4266179.92	0.00051503	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.95E-05
6316	623767.49	4266170.86	0.00051064	1.76E-04	4.27E-04	1.31E-04	1.01E-04	3.36E-05	7.88E-05
6317	623763.9	4266161.79	0.0005063	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.81E-05
6318	623760.31	4266152.73	0.00050203	1.73E-04	4.20E-04	1.29E-04	9.94E-05	3.31E-05	7.75E-05
6319	624342.35	4266743.18	0.00077382	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.19E-04
6320	624352.24	4266743.36	0.00077543	2.67E-04	6.48E-04	2.00E-04	1.53E-04	5.11E-05	1.20E-04
6321	624362.13	4266743.54	0.00077683	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04
6322	624372.01	4266743.71	0.00077807	2.68E-04	6.50E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04
6323	624381.9	4266743.89	0.0007791	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.13E-05	1.20E-04
6324	624391.79	4266744.07	0.00077999	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04
6325	624401.68	4266744.24	0.00078077	2.68E-04	6.53E-04	2.01E-04	1.55E-04	5.14E-05	1.20E-04
6326	624411.57	4266744.42	0.0007814	2.69E-04	6.53E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04
6327	624421.46	4266744.6	0.00078194	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04
6328	624431.35	4266744.77	0.0007824	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.16E-05	1.21E-04
6329	624441.24	4266744.95	0.00078283	2.69E-04	6.54E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04
6330	624451.13	4266745.13	0.00078323	2.69E-04	6.55E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04
6331	624461.02	4266745.3	0.00078369	2.69E-04	6.55E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04
6332	624470.91	4266745.48	0.00078418	2.70E-04	6.55E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
6333	624480.8	4266745.66	0.00078476	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
6334	624490.68	4266745.83	0.00078544	2.70E-04	6.57E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
6335	624500.57	4266746.01	0.00078628	2.70E-04	6.57E-04	2.02E-04	1.56E-04	5.18E-05	1.21E-04
6336	624510.46	4266746.19	0.0007872	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.21E-04
6337	624520.35	4266746.36	0.00078826	2.71E-04	6.59E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04
6338	624530.24	4266746.54	0.00078938	2.71E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04
6339	624540.13	4266746.72	0.00079055	2.72E-04	6.61E-04	2.04E-04	1.56E-04	5.21E-05	1.22E-04
6340	624550.02	4266746.89	0.00079173	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04

6341	624559.91	4266747.07	0.00079282	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04
6342	624569.8	4266747.25	0.00079377	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04
6343	624579.69	4266747.42	0.00079454	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.23E-05	1.23E-04
6344	624589.58	4266747.6	0.00079503	2.73E-04	6.65E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04
6345	624599.47	4266747.78	0.00079523	2.73E-04	6.65E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04
6346	624609.36	4266747.95	0.00079512	2.73E-04	6.65E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04
6347	624619.24	4266748.13	0.00079463	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04
6348	624629.13	4266748.31	0.00079374	2.73E-04	6.63E-04	2.04E-04	1.57E-04	5.23E-05	1.22E-04
6349	624639.02	4266748.48	0.00079253	2.73E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04
6350	624648.91	4266748.66	0.00079095	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04
6351	624658.8	4266748.84	0.00078909	2.71E-04	6.60E-04	2.03E-04	1.56E-04	5.20E-05	1.22E-04
6352	624668.69	4266749.01	0.00078699	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.21E-04
6353	624678.58	4266749.19	0.0007847	2.70E-04	6.56E-04	2.02E-04	1.55E-04	5.17E-05	1.21E-04
6354	624688.47	4266749.37	0.00078226	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04
6355	624698.36	4266749.54	0.00077979	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04
6356	624708.25	4266749.72	0.00077729	2.67E-04	6.50E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04
6357	624718.14	4266749.9	0.0007748	2.66E-04	6.48E-04	1.99E-04	1.53E-04	5.10E-05	1.20E-04
6358	624728.03	4266750.07	0.00077239	2.66E-04	6.46E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04
6359	624737.91	4266750.25	0.00077003	2.65E-04	6.44E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04
6360	624747.8	4266750.42	0.00076782	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.18E-04
6361	624757.69	4266750.6	0.00076578	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04
6362	624767.58	4266750.78	0.00076375	2.63E-04	6.38E-04	1.97E-04	1.51E-04	5.03E-05	1.18E-04
6363	624777.47	4266750.95	0.00076157	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04
6364	624787.36	4266751.13	0.00075915	2.61E-04	6.35E-04	1.95E-04	1.50E-04	5.00E-05	1.17E-04
6365	624797.25	4266751.31	0.00075663	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04
6366	624807.14	4266751.48	0.00075405	2.59E-04	6.30E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04
6367	624817.03	4266751.66	0.00075126	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04
6368	624826.92	4266751.84	0.00074836	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04
6369	624836.81	4266752.01	0.00074529	2.56E-04	6.23E-04	1.92E-04	1.48E-04	4.91E-05	1.15E-04
6370	624332.53	4266789.3	0.00070451	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
6371	624323.6	4266785.42	0.0007083	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04
6372	624314.67	4266781.54	0.0007118	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
6373	624305.74	4266777.67	0.00071498	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04
6374	624296.81	4266773.79	0.0007178	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04
6375	624287.88	4266769.91	0.00072004	2.48E-04	6.02E-04	1.85E-04	1.43E-04	4.74E-05	1.11E-04
6376	624278.95	4266766.03	0.00072161	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04
6377	624270.02	4266762.15	0.00072279	2.49E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.12E-04
6378	624261.09	4266758.28	0.00072351	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04
6379	624252.16	4266754.4	0.000724	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04
6380	624243.23	4266750.52	0.000724	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04
6381	624234.31	4266746.64	0.00072357	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04
6382	624225.38	4266742.77	0.00072271	2.49E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.12E-04
6383	624216.45	4266738.89	0.0007215	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04
6384	624207.52	4266735.01	0.00071998	2.48E-04	6.02E-04	1.85E-04	1.43E-04	4.74E-05	1.11E-04
6385	624198.59	4266731.13	0.00071826	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04
6386	624189.66	4266727.25	0.00071633	2.46E-04	5.99E-04	1.84E-04	1.42E-04	4.72E-05	1.11E-04
6387	624180.73	4266723.38	0.00071427	2.46E-04	5.97E-04	1.84E-04	1.41E-04	4.71E-05	1.10E-04
6388	624171.8	4266719.5	0.00071211	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
6389	624162.87	4266715.62	0.00070993	2.44E-04	5.93E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
6390	624153.94	4266711.74	0.00070767	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
6391	624145.02	4266707.87	0.00070537	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
6392	624136.09	4266703.99	0.00070296	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04

6393	624127.16	4266700.11	0.00070046	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04
6394	624118.23	4266696.23	0.00069779	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04
6395	624073.58	4266676.84	0.00068069	2.34E-04	5.69E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04
6396	624064.65	4266672.97	0.00067624	2.33E-04	5.65E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04
6397	624055.72	4266669.09	0.00067142	2.31E-04	5.61E-04	1.73E-04	1.33E-04	4.42E-05	1.04E-04
6398	624046.8	4266665.21	0.00066622	2.29E-04	5.57E-04	1.72E-04	1.32E-04	4.39E-05	1.03E-04
6399	624037.87	4266661.33	0.00066063	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04
6400	624028.94	4266657.46	0.00065466	2.25E-04	5.47E-04	1.69E-04	1.30E-04	4.31E-05	1.01E-04
6401	624020.01	4266653.58	0.00064831	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04
6402	624011.08	4266649.7	0.00064163	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05
6403	624002.15	4266645.82	0.00063468	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05
6404	623993.22	4266641.94	0.00062742	2.16E-04	5.24E-04	1.62E-04	1.24E-04	4.13E-05	9.68E-05
6405	623984.29	4266638.07	0.00061967	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.08E-05	9.56E-05
6406	623975.36	4266634.19	0.00061169	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.44E-05
6407	623966.43	4266630.31	0.00060354	2.08E-04	5.04E-04	1.55E-04	1.19E-04	3.98E-05	9.31E-05
6408	623957.51	4266626.43	0.00059539	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.92E-05	9.19E-05
6409	623948.58	4266622.56	0.00058721	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.06E-05
6410	623939.65	4266618.68	0.00057894	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05
6411	623930.72	4266614.8	0.00057062	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05
6412	623921.79	4266610.92	0.00056233	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05
6413	623912.86	4266607.04	0.00055406	1.91E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.55E-05
6414	623903.93	4266603.17	0.00054585	1.88E-04	4.56E-04	1.41E-04	1.08E-04	3.60E-05	8.42E-05
6415	623895	4266599.29	0.00053776	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.30E-05
6416	623882.49	4266586.36	0.00052875	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05
6417	623878.9	4266577.31	0.00052771	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.14E-05
6418	623875.31	4266568.26	0.00052665	1.81E-04	4.40E-04	1.36E-04	1.04E-04	3.47E-05	8.13E-05
6419	623871.72	4266559.21	0.00052559	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.11E-05
6420	623868.14	4266550.16	0.0005245	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.46E-05	8.09E-05
6421	623864.55	4266541.11	0.00052341	1.80E-04	4.37E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05
6422	623860.96	4266532.06	0.00052235	1.80E-04	4.37E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05
6423	623857.38	4266523.01	0.00052129	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05
6424	623853.79	4266513.96	0.00052022	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05
6425	623850.2	4266504.91	0.00051922	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05
6426	623846.61	4266495.86	0.00051827	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.41E-05	8.00E-05
6427	623843.03	4266486.82	0.00051738	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.41E-05	7.98E-05
6428	623839.44	4266477.77	0.00051655	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05
6429	623835.85	4266468.72	0.0005158	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05
6430	623832.27	4266459.67	0.0005152	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.39E-05	7.95E-05
6431	623828.68	4266450.62	0.00051468	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05
6432	623825.09	4266441.57	0.00051428	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05
6433	623821.5	4266432.52	0.000514	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05
6434	623817.92	4266423.47	0.00051385	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05
6435	623814.33	4266414.42	0.00051382	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05
6436	623810.74	4266405.37	0.00051385	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05
6437	623807.16	4266396.32	0.000514	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05
6438	623803.57	4266387.27	0.00051414	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05
6439	623799.98	4266378.22	0.00051434	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05
6440	623796.39	4266369.17	0.00051451	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05
6441	623792.81	4266360.12	0.00051463	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05
6442	623789.22	4266351.07	0.0005146	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05
6443	623785.63	4266342.02	0.00051443	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.94E-05
6444	623782.05	4266332.97	0.00051417	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05

6445	623778.46	4266323.92	0.00051368	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.93E-05
6446	623774.87	4266314.87	0.00051285	1.76E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.91E-05
6447	623771.28	4266305.82	0.00051164	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05
6448	623767.7	4266296.77	0.00051018	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05
6449	623764.11	4266287.72	0.0005084	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05
6450	623760.52	4266278.67	0.00050622	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.81E-05
6451	623756.94	4266269.62	0.00050372	1.73E-04	4.21E-04	1.30E-04	9.97E-05	3.32E-05	7.77E-05
6452	623753.35	4266260.57	0.00050088	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05
6453	623749.76	4266251.52	0.00049778	1.71E-04	4.16E-04	1.28E-04	9.85E-05	3.28E-05	7.68E-05
6454	623746.17	4266242.47	0.00049445	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05
6455	623742.59	4266233.42	0.00049092	1.69E-04	4.10E-04	1.26E-04	9.72E-05	3.23E-05	7.58E-05
6456	623739	4266224.37	0.00048725	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05
6457	623735.41	4266215.32	0.00048366	1.66E-04	4.04E-04	1.25E-04	9.57E-05	3.19E-05	7.46E-05
6458	623731.83	4266206.27	0.00047999	1.65E-04	4.01E-04	1.24E-04	9.50E-05	3.16E-05	7.41E-05
6459	623728.24	4266197.22	0.00047628	1.64E-04	3.98E-04	1.23E-04	9.43E-05	3.14E-05	7.35E-05
6460	623724.65	4266188.17	0.00047238	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05
6461	623721.06	4266179.13	0.00046848	1.61E-04	3.92E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05
6462	623717.48	4266170.08	0.00046469	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05
6463	623713.89	4266161.03	0.00046101	1.59E-04	3.85E-04	1.19E-04	9.13E-05	3.04E-05	7.11E-05
6464	623710.3	4266151.98	0.0004574	1.57E-04	3.82E-04	1.18E-04	9.05E-05	3.01E-05	7.06E-05
6465	624341.45	4266793.18	0.00070052	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04
6466	624351.34	4266793.35	0.0007015	2.41E-04	5.86E-04	1.81E-04	1.39E-04	4.62E-05	1.08E-04
6467	624361.23	4266793.53	0.00070227	2.41E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04
6468	624371.12	4266793.71	0.0007029	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04
6469	624381.01	4266793.88	0.00070345	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.09E-04
6470	624390.9	4266794.06	0.00070385	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
6471	624400.79	4266794.24	0.00070419	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
6472	624410.68	4266794.41	0.00070442	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
6473	624420.57	4266794.59	0.0007046	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
6474	624430.46	4266794.77	0.00070471	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
6475	624440.35	4266794.94	0.00070482	2.42E-04	5.89E-04	1.81E-04	1.40E-04	4.64E-05	1.09E-04
6476	624450.24	4266795.12	0.00070494	2.42E-04	5.89E-04	1.81E-04	1.40E-04	4.64E-05	1.09E-04
6477	624460.12	4266795.3	0.00070508	2.42E-04	5.89E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
6478	624470.01	4266795.47	0.00070531	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
6479	624479.9	4266795.65	0.00070563	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
6480	624489.79	4266795.83	0.00070603	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
6481	624499.68	4266796	0.00070655	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
6482	624509.57	4266796.18	0.00070718	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
6483	624519.46	4266796.36	0.0007079	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
6484	624529.35	4266796.53	0.00070864	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04
6485	624539.24	4266796.71	0.00070939	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04
6486	624549.13	4266796.88	0.00071011	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
6487	624559.02	4266797.06	0.00071068	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
6488	624568.91	4266797.24	0.00071111	2.45E-04	5.94E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
6489	624578.8	4266797.41	0.00071134	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
6490	624588.68	4266797.59	0.00071128	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
6491	624598.57	4266797.77	0.00071091	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
6492	624608.46	4266797.94	0.00071028	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
6493	624618.35	4266798.12	0.00070933	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04
6494	624628.24	4266798.3	0.00070807	2.43E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04
6495	624638.13	4266798.47	0.00070658	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
6496	624648.02	4266798.65	0.00070482	2.42E-04	5.89E-04	1.81E-04	1.40E-04	4.64E-05	1.09E-04

6497	624657.91	4266798.83	0.0007029	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04
6498	624667.8	4266799	0.00070092	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04
6499	624677.69	4266799.18	0.00069883	2.40E-04	5.84E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04
6500	624687.58	4266799.36	0.00069676	2.40E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.08E-04
6501	624697.47	4266799.53	0.00069472	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04
6502	624707.35	4266799.71	0.00069277	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04
6503	624717.24	4266799.89	0.00069091	2.38E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04
6504	624727.13	4266800.06	0.00068918	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04
6505	624737.02	4266800.24	0.00068755	2.36E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04
6506	624746.91	4266800.42	0.00068605	2.36E-04	5.73E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04
6507	624756.8	4266800.59	0.00068479	2.35E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04
6508	624766.69	4266800.77	0.0006835	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04
6509	624776.58	4266800.95	0.00068215	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.49E-05	1.05E-04
6510	624786.47	4266801.12	0.00068057	2.34E-04	5.69E-04	1.75E-04	1.35E-04	4.48E-05	1.05E-04
6511	624796.36	4266801.3	0.00067891	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04
6512	624806.25	4266801.48	0.00067713	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04
6513	624816.14	4266801.65	0.00067523	2.32E-04	5.64E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04
6514	624826.03	4266801.83	0.0006732	2.31E-04	5.63E-04	1.73E-04	1.33E-04	4.44E-05	1.04E-04
6515	624835.91	4266802.01	0.00067104	2.31E-04	5.61E-04	1.73E-04	1.33E-04	4.42E-05	1.04E-04
6516	624331.64	4266839.3	0.00064143	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05
6517	624322.73	4266835.42	0.00064498	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05
6518	624313.81	4266831.55	0.00064834	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04
6519	624304.9	4266827.68	0.00065147	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.29E-05	1.01E-04
6520	624295.98	4266823.81	0.00065437	2.25E-04	5.47E-04	1.68E-04	1.30E-04	4.31E-05	1.01E-04
6521	624287.06	4266819.93	0.00065695	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04
6522	624278.15	4266816.06	0.00065919	2.27E-04	5.51E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04
6523	624269.23	4266812.19	0.00066106	2.27E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04
6524	624260.31	4266808.32	0.00066241	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.36E-05	1.02E-04
6525	624251.4	4266804.45	0.00066318	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04
6526	624242.48	4266800.57	0.00066358	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04
6527	624233.56	4266796.7	0.00066355	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04
6528	624224.65	4266792.83	0.00066347	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04
6529	624215.73	4266788.96	0.00066301	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04
6530	624206.81	4266785.08	0.00066229	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.36E-05	1.02E-04
6531	624197.9	4266781.21	0.00066129	2.27E-04	5.53E-04	1.70E-04	1.31E-04	4.36E-05	1.02E-04
6532	624188.98	4266777.34	0.00066008	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04
6533	624180.06	4266773.47	0.0006587	2.27E-04	5.51E-04	1.70E-04	1.30E-04	4.34E-05	1.02E-04
6534	624171.15	4266769.59	0.00065727	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04
6535	624162.23	4266765.72	0.00065572	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04
6536	624153.31	4266761.85	0.00065414	2.25E-04	5.47E-04	1.68E-04	1.29E-04	4.31E-05	1.01E-04
6537	624144.4	4266757.98	0.00065253	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04
6538	624135.48	4266754.11	0.0006509	2.24E-04	5.44E-04	1.68E-04	1.29E-04	4.29E-05	1.00E-04
6539	624126.56	4266750.23	0.0006492	2.23E-04	5.43E-04	1.67E-04	1.29E-04	4.28E-05	1.00E-04
6540	624117.65	4266746.36	0.00064748	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.27E-05	9.99E-05
6541	624073.06	4266727	0.00063652	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.19E-05	9.82E-05
6542	624064.15	4266723.13	0.00063362	2.18E-04	5.30E-04	1.63E-04	1.25E-04	4.17E-05	9.78E-05
6543	624055.23	4266719.25	0.00063038	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.73E-05
6544	624046.32	4266715.38	0.00062676	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05
6545	624037.4	4266711.51	0.00062283	2.14E-04	5.21E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05
6546	624028.48	4266707.64	0.00061858	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05
6547	624019.57	4266703.76	0.00061393	2.11E-04	5.13E-04	1.58E-04	1.22E-04	4.04E-05	9.47E-05
6548	624010.65	4266699.89	0.00060876	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05

6549	624001.73	4266696.02	0.00060325	2.07E-04	5.04E-04	1.55E-04	1.19E-04	3.97E-05	9.31E-05
6550	623992.82	4266692.15	0.00059746	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05
6551	623983.9	4266688.28	0.00059157	2.03E-04	4.94E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05
6552	623974.98	4266684.4	0.0005854	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.86E-05	9.03E-05
6553	623966.07	4266680.53	0.00057897	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05
6554	623957.15	4266676.66	0.00057232	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05
6555	623948.23	4266672.79	0.00056546	1.94E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05
6556	623939.32	4266668.91	0.00055845	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.62E-05
6557	623930.4	4266665.04	0.00055131	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.63E-05	8.51E-05
6558	623921.48	4266661.17	0.00054405	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.58E-05	8.39E-05
6559	623912.57	4266657.3	0.00053673	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05
6560	623903.65	4266653.42	0.00052938	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05
6561	623894.73	4266649.55	0.00052203	1.80E-04	4.36E-04	1.34E-04	1.03E-04	3.44E-05	8.06E-05
6562	623885.82	4266645.68	0.00051471	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05
6563	623876.9	4266641.81	0.00050745	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05
6564	623867.98	4266637.94	0.00050025	1.72E-04	4.18E-04	1.29E-04	9.90E-05	3.30E-05	7.72E-05
6565	623859.07	4266634.06	0.00049313	1.70E-04	4.12E-04	1.27E-04	9.76E-05	3.25E-05	7.61E-05
6566	623846.57	4266621.15	0.00048518	1.67E-04	4.06E-04	1.25E-04	9.60E-05	3.20E-05	7.49E-05
6567	623842.99	4266612.12	0.00048423	1.67E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05
6568	623839.4	4266603.08	0.00048326	1.66E-04	4.04E-04	1.24E-04	9.57E-05	3.18E-05	7.46E-05
6569	623835.82	4266594.04	0.00048225	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05
6570	623832.24	4266585.01	0.00048128	1.66E-04	4.02E-04	1.24E-04	9.53E-05	3.17E-05	7.43E-05
6571	623828.66	4266575.97	0.00048027	1.65E-04	4.01E-04	1.24E-04	9.51E-05	3.16E-05	7.41E-05
6572	623825.08	4266566.93	0.0004793	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.40E-05
6573	623821.49	4266557.89	0.00047832	1.64E-04	4.00E-04	1.23E-04	9.47E-05	3.15E-05	7.38E-05
6574	623817.91	4266548.86	0.00047735	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.15E-05	7.37E-05
6575	623814.33	4266539.82	0.00047643	1.64E-04	3.98E-04	1.23E-04	9.43E-05	3.14E-05	7.35E-05
6576	623810.75	4266530.78	0.00047554	1.64E-04	3.97E-04	1.22E-04	9.41E-05	3.13E-05	7.34E-05
6577	623807.17	4266521.75	0.0004747	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.32E-05
6578	623803.58	4266512.71	0.0004739	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05
6579	623800	4266503.67	0.00047321	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05
6580	623796.42	4266494.64	0.00047258	1.63E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05
6581	623792.84	4266485.6	0.00047206	1.62E-04	3.95E-04	1.22E-04	9.34E-05	3.11E-05	7.28E-05
6582	623789.25	4266476.56	0.00047163	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05
6583	623785.67	4266467.52	0.00047135	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.27E-05
6584	623782.09	4266458.49	0.00047117	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.10E-05	7.27E-05
6585	623778.51	4266449.45	0.00047112	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.10E-05	7.27E-05
6586	623774.93	4266440.41	0.00047117	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.10E-05	7.27E-05
6587	623771.34	4266431.38	0.00047132	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.27E-05
6588	623767.76	4266422.34	0.00047158	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.28E-05
6589	623764.18	4266413.3	0.00047189	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05
6590	623760.6	4266404.26	0.00047224	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05
6591	623757.02	4266395.23	0.00047261	1.63E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05
6592	623753.43	4266386.19	0.00047295	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05
6593	623749.85	4266377.15	0.00047324	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05
6594	623746.27	4266368.12	0.00047341	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05
6595	623742.69	4266359.08	0.00047347	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.31E-05
6596	623739.1	4266350.04	0.00047336	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.30E-05
6597	623735.52	4266341.01	0.00047304	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05
6598	623731.94	4266331.97	0.00047247	1.62E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05
6599	623728.36	4266322.93	0.00047163	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05
6600	623724.78	4266313.89	0.00047051	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05

6601	623721.19	4266304.86	0.00046905	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.24E-05
6602	623717.61	4266295.82	0.00046736	1.61E-04	3.91E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05
6603	623714.03	4266286.78	0.00046535	1.60E-04	3.89E-04	1.20E-04	9.21E-05	3.07E-05	7.18E-05
6604	623710.45	4266277.75	0.00046317	1.59E-04	3.87E-04	1.19E-04	9.17E-05	3.05E-05	7.15E-05
6605	623706.87	4266268.71	0.0004607	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05
6606	623703.28	4266259.67	0.00045792	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.07E-05
6607	623699.7	4266250.64	0.00045493	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05
6608	623696.12	4266241.6	0.00045189	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05
6609	623692.54	4266232.56	0.00044873	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.92E-05
6610	623688.95	4266223.52	0.00044543	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.93E-05	6.87E-05
6611	623685.37	4266214.49	0.00044222	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05
6612	623681.79	4266205.45	0.00043903	1.51E-04	3.67E-04	1.13E-04	8.69E-05	2.89E-05	6.77E-05
6613	623678.21	4266196.41	0.0004359	1.50E-04	3.64E-04	1.12E-04	8.63E-05	2.87E-05	6.73E-05
6614	623674.63	4266187.38	0.00043254	1.49E-04	3.62E-04	1.11E-04	8.56E-05	2.85E-05	6.67E-05
6615	623671.04	4266178.34	0.0004291	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05
6616	623667.46	4266169.3	0.00042566	1.46E-04	3.56E-04	1.10E-04	8.43E-05	2.80E-05	6.57E-05
6617	623663.88	4266160.26	0.00042241	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05
6618	623660.3	4266151.23	0.00041951	1.44E-04	3.51E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05
6619	624340.56	4266843.17	0.00063772	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05
6620	624350.45	4266843.35	0.00063827	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.21E-05	9.85E-05
6621	624360.34	4266843.52	0.0006387	2.20E-04	5.34E-04	1.64E-04	1.26E-04	4.21E-05	9.86E-05
6622	624370.23	4266843.7	0.00063901	2.20E-04	5.34E-04	1.65E-04	1.26E-04	4.21E-05	9.86E-05
6623	624380.12	4266843.87	0.00063924	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.86E-05
6624	624390.01	4266844.05	0.00063939	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05
6625	624399.9	4266844.23	0.00063947	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05
6626	624409.79	4266844.4	0.00063953	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05
6627	624419.68	4266844.58	0.00063953	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05
6628	624429.56	4266844.76	0.0006395	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05
6629	624439.45	4266844.93	0.00063947	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05
6630	624449.34	4266845.11	0.00063947	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05
6631	624459.23	4266845.29	0.00063947	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05
6632	624469.12	4266845.46	0.00063956	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05
6633	624479.01	4266845.64	0.0006397	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.21E-05	9.87E-05
6634	624488.9	4266845.82	0.0006399	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.87E-05
6635	624498.79	4266845.99	0.00064019	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.88E-05
6636	624508.68	4266846.17	0.00064054	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.88E-05
6637	624518.57	4266846.35	0.00064088	2.20E-04	5.36E-04	1.65E-04	1.27E-04	4.22E-05	9.89E-05
6638	624528.46	4266846.52	0.00064125	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.89E-05
6639	624538.35	4266846.7	0.00064157	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05
6640	624548.23	4266846.88	0.0006418	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05
6641	624558.12	4266847.05	0.00064191	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05
6642	624568.01	4266847.23	0.00064191	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05
6643	624577.9	4266847.41	0.00064188	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05
6644	624587.79	4266847.58	0.0006416	2.21E-04	5.36E-04	1.65E-04	1.27E-04	4.23E-05	9.90E-05
6645	624597.68	4266847.76	0.00064094	2.20E-04	5.36E-04	1.65E-04	1.27E-04	4.22E-05	9.89E-05
6646	624607.57	4266847.94	0.00063988	2.20E-04	5.35E-04	1.65E-04	1.27E-04	4.22E-05	9.87E-05
6647	624617.46	4266848.11	0.00063858	2.20E-04	5.34E-04	1.64E-04	1.26E-04	4.21E-05	9.85E-05
6648	624627.35	4266848.29	0.00063706	2.19E-04	5.32E-04	1.64E-04	1.26E-04	4.20E-05	9.83E-05
6649	624637.24	4266848.47	0.00063537	2.18E-04	5.31E-04	1.64E-04	1.26E-04	4.19E-05	9.80E-05
6650	624647.13	4266848.64	0.00063353	2.18E-04	5.30E-04	1.63E-04	1.25E-04	4.17E-05	9.78E-05
6651	624657.02	4266848.82	0.00063155	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05
6652	624666.91	4266849	0.00062934	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.71E-05

6653	624676.79	4266849.17	0.00062722	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.68E-05
6654	624686.68	4266849.35	0.00062518	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05
6655	624696.57	4266849.53	0.00062346	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05
6656	624706.46	4266849.7	0.00062188	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.60E-05
6657	624716.35	4266849.88	0.00062042	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05
6658	624726.24	4266850.06	0.00061913	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05
6659	624736.13	4266850.23	0.00061798	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.07E-05	9.54E-05
6660	624746.02	4266850.41	0.00061697	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.07E-05	9.52E-05
6661	624755.91	4266850.59	0.00061623	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05
6662	624765.8	4266850.76	0.00061551	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.06E-05	9.50E-05
6663	624775.69	4266850.94	0.00061473	2.11E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.49E-05
6664	624785.58	4266851.12	0.00061379	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05
6665	624795.46	4266851.29	0.00061275	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05
6666	624805.35	4266851.47	0.00061163	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.44E-05
6667	624815.24	4266851.65	0.0006104	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05
6668	624825.13	4266851.82	0.00060908	2.09E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.40E-05
6669	624835.02	4266852	0.00060762	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05
6670	624329.74	4266939.23	0.00054008	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05
6671	624320.7	4266935.3	0.00054307	1.87E-04	4.54E-04	1.40E-04	1.07E-04	3.58E-05	8.38E-05
6672	624311.66	4266931.37	0.00054597	1.88E-04	4.56E-04	1.41E-04	1.08E-04	3.60E-05	8.42E-05
6673	624302.62	4266927.45	0.00054872	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05
6674	624293.58	4266923.52	0.00055134	1.90E-04	4.61E-04	1.42E-04	1.09E-04	3.63E-05	8.51E-05
6675	624284.54	4266919.6	0.00055352	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05
6676	624275.5	4266915.67	0.00055553	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05
6677	624266.46	4266911.75	0.00055736	1.92E-04	4.66E-04	1.43E-04	1.10E-04	3.67E-05	8.60E-05
6678	624257.42	4266907.82	0.00055917	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.63E-05
6679	624248.38	4266903.89	0.00056069	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05
6680	624239.34	4266899.97	0.00056187	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05
6681	624230.3	4266896.04	0.00056276	1.94E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05
6682	624221.26	4266892.12	0.00056348	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05
6683	624212.22	4266888.19	0.00056393	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05
6684	624203.18	4266884.26	0.00056414	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05
6685	624194.14	4266880.34	0.00056411	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05
6686	624185.1	4266876.41	0.00056388	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05
6687	624176.06	4266872.49	0.00056348	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05
6688	624167.02	4266868.56	0.00056296	1.94E-04	4.71E-04	1.45E-04	1.11E-04	3.71E-05	8.69E-05
6689	624157.98	4266864.64	0.00056233	1.93E-04	4.70E-04	1.45E-04	1.11E-04	3.71E-05	8.68E-05
6690	624148.94	4266860.71	0.00056164	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05
6691	624139.9	4266856.78	0.00056095	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.70E-05	8.66E-05
6692	624130.86	4266852.86	0.0005602	1.93E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.64E-05
6693	624121.82	4266848.93	0.00055949	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05
6694	624112.78	4266845.01	0.00055877	1.92E-04	4.67E-04	1.44E-04	1.11E-04	3.68E-05	8.62E-05
6695	623986.22	4266790.04	0.00053635	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.28E-05
6696	623977.18	4266786.12	0.00053294	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05
6697	623968.14	4266782.19	0.00052921	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05
6698	623959.1	4266778.27	0.00052522	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05
6699	623950.06	4266774.34	0.00052091	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05
6700	623941.02	4266770.41	0.00051638	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05
6701	623931.98	4266766.49	0.00051159	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05
6702	623922.94	4266762.56	0.00050659	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.82E-05
6703	623913.9	4266758.64	0.00050137	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.74E-05
6704	623904.86	4266754.71	0.00049597	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.65E-05

6705	623895.82	4266750.79	0.00049043	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05
6706	623886.78	4266746.86	0.00048475	1.67E-04	4.05E-04	1.25E-04	9.60E-05	3.19E-05	7.48E-05
6707	623877.74	4266742.93	0.00047895	1.65E-04	4.00E-04	1.23E-04	9.48E-05	3.16E-05	7.39E-05
6708	623868.7	4266739.01	0.0004731	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05
6709	623859.66	4266735.08	0.00046719	1.61E-04	3.90E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05
6710	623850.63	4266731.16	0.00046124	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05
6711	623841.59	4266727.23	0.00045527	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05
6712	623832.55	4266723.3	0.00044933	1.55E-04	3.76E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05
6713	623823.51	4266719.38	0.00044342	1.52E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.84E-05
6714	623814.47	4266715.45	0.00043757	1.50E-04	3.66E-04	1.13E-04	8.66E-05	2.88E-05	6.75E-05
6715	623805.43	4266711.53	0.00043177	1.48E-04	3.61E-04	1.11E-04	8.55E-05	2.84E-05	6.66E-05
6716	623796.39	4266707.6	0.00042606	1.47E-04	3.56E-04	1.10E-04	8.43E-05	2.81E-05	6.57E-05
6717	623787.35	4266703.68	0.0004204	1.45E-04	3.51E-04	1.08E-04	8.32E-05	2.77E-05	6.49E-05
6718	623774.67	4266690.59	0.00041395	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.39E-05
6719	623771.04	4266681.43	0.00041309	1.42E-04	3.45E-04	1.06E-04	8.18E-05	2.72E-05	6.37E-05
6720	623767.41	4266672.26	0.00041222	1.42E-04	3.45E-04	1.06E-04	8.16E-05	2.72E-05	6.36E-05
6721	623763.78	4266663.1	0.00041136	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.35E-05
6722	623760.15	4266653.94	0.0004105	1.41E-04	3.43E-04	1.06E-04	8.13E-05	2.70E-05	6.33E-05
6723	623756.52	4266644.78	0.00040964	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05
6724	623752.88	4266635.62	0.00040878	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05
6725	623749.25	4266626.45	0.00040801	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05
6726	623745.62	4266617.29	0.00040723	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05
6727	623741.99	4266608.13	0.00040646	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05
6728	623738.36	4266598.97	0.00040574	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05
6729	623734.73	4266589.81	0.00040502	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05
6730	623731.09	4266580.64	0.00040436	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05
6731	623727.46	4266571.48	0.00040373	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
6732	623723.83	4266562.32	0.00040315	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05
6733	623720.2	4266553.16	0.00040267	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05
6734	623716.57	4266544	0.00040221	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05
6735	623712.94	4266534.83	0.00040186	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05
6736	623709.31	4266525.67	0.00040161	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05
6737	623705.67	4266516.51	0.00040146	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.19E-05
6738	623702.04	4266507.35	0.0004014	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.64E-05	6.19E-05
6739	623698.41	4266498.19	0.00040143	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.64E-05	6.19E-05
6740	623694.78	4266489.02	0.00040158	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05
6741	623691.15	4266479.86	0.00040183	1.38E-04	3.36E-04	1.03E-04	7.95E-05	2.65E-05	6.20E-05
6742	623687.52	4266470.7	0.00040215	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05
6743	623683.88	4266461.54	0.00040255	1.38E-04	3.36E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05
6744	623680.25	4266452.38	0.00040304	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05
6745	623676.62	4266443.21	0.00040356	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
6746	623672.99	4266434.05	0.0004041	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05
6747	623669.36	4266424.89	0.00040465	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.67E-05	6.24E-05
6748	623665.73	4266415.73	0.00040516	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05
6749	623662.09	4266406.57	0.00040559	1.39E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05
6750	623658.46	4266397.4	0.00040591	1.40E-04	3.39E-04	1.05E-04	8.03E-05	2.67E-05	6.26E-05
6751	623654.83	4266388.24	0.00040608	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
6752	623651.2	4266379.08	0.00040617	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
6753	623647.57	4266369.92	0.00040602	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
6754	623643.94	4266360.76	0.00040571	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05
6755	623640.3	4266351.59	0.00040519	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05
6756	623636.67	4266342.43	0.00040442	1.39E-04	3.38E-04	1.04E-04	8.01E-05	2.66E-05	6.24E-05

6757	623633.04	4266333.27	0.00040341	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.22E-05
6758	623629.41	4266324.11	0.00040227	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05
6759	623625.78	4266314.95	0.00040083	1.38E-04	3.35E-04	1.03E-04	7.93E-05	2.64E-05	6.19E-05
6760	624338.78	4266943.15	0.00053704	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
6761	624348.67	4266943.33	0.00053721	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
6762	624358.55	4266943.51	0.00053733	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
6763	624368.44	4266943.68	0.00053742	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
6764	624378.33	4266943.86	0.00053744	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
6765	624388.22	4266944.04	0.00053744	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
6766	624398.11	4266944.21	0.00053742	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
6767	624408	4266944.39	0.00053739	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
6768	624417.89	4266944.57	0.00053733	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
6769	624427.78	4266944.74	0.00053727	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
6770	624437.67	4266944.92	0.00053719	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
6771	624447.56	4266945.1	0.0005371	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
6772	624457.45	4266945.27	0.00053698	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
6773	624467.34	4266945.45	0.00053687	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05
6774	624477.22	4266945.62	0.00053673	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05
6775	624487.11	4266945.8	0.00053653	1.85E-04	4.48E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05
6776	624497	4266945.98	0.00053632	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.28E-05
6777	624506.89	4266946.15	0.00053607	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05
6778	624516.78	4266946.33	0.00053572	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05
6779	624526.67	4266946.51	0.00053529	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05
6780	624536.56	4266946.68	0.00053478	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.25E-05
6781	624546.45	4266946.86	0.00053414	1.84E-04	4.46E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05
6782	624556.34	4266947.04	0.00053334	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05
6783	624566.23	4266947.21	0.00053242	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05
6784	624576.12	4266947.39	0.0005313	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05
6785	624586.01	4266947.57	0.00053004	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.18E-05
6786	624595.9	4266947.74	0.00052869	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05
6787	624605.78	4266947.92	0.0005274	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.14E-05
6788	624615.67	4266948.1	0.00052599	1.81E-04	4.40E-04	1.35E-04	1.04E-04	3.47E-05	8.12E-05
6789	624625.56	4266948.27	0.00052444	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.46E-05	8.09E-05
6790	624635.45	4266948.45	0.00052266	1.80E-04	4.37E-04	1.35E-04	1.03E-04	3.44E-05	8.06E-05
6791	624645.34	4266948.63	0.00052083	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05
6792	624655.23	4266948.8	0.00051905	1.78E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05
6793	624665.12	4266948.98	0.00051733	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.41E-05	7.98E-05
6794	624675.01	4266949.16	0.00051569	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05
6795	624684.9	4266949.33	0.00051417	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05
6796	624694.79	4266949.51	0.00051282	1.76E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.91E-05
6797	624704.68	4266949.69	0.00051161	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05
6798	624714.57	4266949.86	0.00051058	1.76E-04	4.27E-04	1.31E-04	1.01E-04	3.36E-05	7.88E-05
6799	624724.45	4266950.04	0.00050972	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.87E-05
6800	624734.34	4266950.22	0.00050903	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05
6801	624744.23	4266950.39	0.00050846	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.85E-05
6802	624754.12	4266950.57	0.00050803	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05
6803	624764.01	4266950.75	0.00050765	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05
6804	624773.9	4266950.92	0.00050737	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05
6805	624783.79	4266951.1	0.00050708	1.74E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.82E-05
6806	624793.68	4266951.28	0.00050679	1.74E-04	4.24E-04	1.30E-04	1.00E-04	3.34E-05	7.82E-05
6807	624803.57	4266951.45	0.00050651	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.82E-05
6808	624813.46	4266951.63	0.00050613	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.81E-05

6809	624823.35	4266951.81	0.00050573	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05
6810	624833.24	4266951.98	0.00050524	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05
6811	624327.98	4267039.22	0.00046366	1.59E-04	3.88E-04	1.19E-04	9.18E-05	3.05E-05	7.15E-05
6812	624318.98	4267035.31	0.00046595	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05
6813	624309.97	4267031.4	0.00046822	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05
6814	624300.96	4267027.49	0.00047046	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05
6815	624291.95	4267023.58	0.00047255	1.63E-04	3.95E-04	1.22E-04	9.35E-05	3.11E-05	7.29E-05
6816	624282.95	4267019.67	0.00047439	1.63E-04	3.97E-04	1.22E-04	9.39E-05	3.13E-05	7.32E-05
6817	624273.94	4267015.75	0.00047614	1.64E-04	3.98E-04	1.23E-04	9.42E-05	3.14E-05	7.35E-05
6818	624264.93	4267011.84	0.00047769	1.64E-04	3.99E-04	1.23E-04	9.46E-05	3.15E-05	7.37E-05
6819	624255.92	4267007.93	0.00047933	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.40E-05
6820	624246.92	4267004.02	0.00048082	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05
6821	624237.91	4267000.11	0.00048214	1.66E-04	4.03E-04	1.24E-04	9.54E-05	3.18E-05	7.44E-05
6822	624228.9	4266996.19	0.00048326	1.66E-04	4.04E-04	1.24E-04	9.57E-05	3.18E-05	7.46E-05
6823	624219.89	4266992.28	0.0004842	1.67E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05
6824	624210.88	4266988.37	0.00048498	1.67E-04	4.05E-04	1.25E-04	9.60E-05	3.20E-05	7.48E-05
6825	624201.88	4266984.46	0.00048555	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05
6826	624192.87	4266980.55	0.00048598	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05
6827	624183.86	4266976.64	0.00048621	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05
6828	624174.85	4266972.72	0.00048636	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.20E-05	7.50E-05
6829	624165.85	4266968.81	0.00048636	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.20E-05	7.50E-05
6830	624156.84	4266964.9	0.00048624	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05
6831	624147.83	4266960.99	0.00048607	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05
6832	624138.82	4266957.08	0.00048587	1.67E-04	4.06E-04	1.25E-04	9.62E-05	3.20E-05	7.50E-05
6833	624129.82	4266953.16	0.00048564	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05
6834	624120.81	4266949.25	0.00048541	1.67E-04	4.06E-04	1.25E-04	9.61E-05	3.20E-05	7.49E-05
6835	623742.49	4266784.96	0.00037695	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.82E-05
6836	623733.48	4266781.04	0.00037236	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05
6837	623724.48	4266777.13	0.00036782	1.26E-04	3.07E-04	9.47E-05	7.28E-05	2.42E-05	5.68E-05
6838	623715.47	4266773.22	0.00036338	1.25E-04	3.04E-04	9.36E-05	7.19E-05	2.39E-05	5.61E-05
6839	623702.84	4266760.18	0.00035835	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05
6840	623699.22	4266751.05	0.00035772	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05
6841	623695.61	4266741.92	0.00035709	1.23E-04	2.98E-04	9.19E-05	7.07E-05	2.35E-05	5.51E-05
6842	623691.99	4266732.79	0.00035646	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05
6843	623688.37	4266723.66	0.00035586	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05
6844	623684.75	4266714.53	0.00035523	1.22E-04	2.97E-04	9.15E-05	7.03E-05	2.34E-05	5.48E-05
6845	623681.13	4266705.4	0.00035462	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05
6846	623677.51	4266696.27	0.00035402	1.22E-04	2.96E-04	9.11E-05	7.01E-05	2.33E-05	5.46E-05
6847	623673.89	4266687.14	0.00035342	1.22E-04	2.95E-04	9.10E-05	7.00E-05	2.33E-05	5.45E-05
6848	623670.28	4266678.02	0.00035284	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05
6849	623666.66	4266668.89	0.0003523	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.44E-05
6850	623663.04	4266659.76	0.00035175	1.21E-04	2.94E-04	9.06E-05	6.96E-05	2.32E-05	5.43E-05
6851	623659.42	4266650.63	0.00035118	1.21E-04	2.94E-04	9.04E-05	6.95E-05	2.31E-05	5.42E-05
6852	623655.8	4266641.5	0.00035063	1.21E-04	2.93E-04	9.03E-05	6.94E-05	2.31E-05	5.41E-05
6853	623652.18	4266632.37	0.00035012	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05
6854	623648.56	4266623.24	0.00034963	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.39E-05
6855	623644.94	4266614.11	0.00034917	1.20E-04	2.92E-04	8.99E-05	6.91E-05	2.30E-05	5.39E-05
6856	623641.33	4266604.98	0.00034877	1.20E-04	2.92E-04	8.98E-05	6.90E-05	2.30E-05	5.38E-05
6857	623637.71	4266595.85	0.00034839	1.20E-04	2.91E-04	8.97E-05	6.90E-05	2.30E-05	5.38E-05
6858	623634.09	4266586.72	0.00034808	1.20E-04	2.91E-04	8.96E-05	6.89E-05	2.29E-05	5.37E-05
6859	623630.47	4266577.59	0.00034791	1.20E-04	2.91E-04	8.96E-05	6.89E-05	2.29E-05	5.37E-05
6860	623626.85	4266568.46	0.00034776	1.20E-04	2.91E-04	8.95E-05	6.88E-05	2.29E-05	5.37E-05

6861	623623.23	4266559.34	0.00034771	1.20E-04	2.91E-04	8.95E-05	6.88E-05	2.29E-05	5.37E-05
6862	623619.61	4266550.21	0.00034773	1.20E-04	2.91E-04	8.95E-05	6.88E-05	2.29E-05	5.37E-05
6863	624336.99	4267043.14	0.00046133	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05
6864	624346.88	4267043.31	0.00046147	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05
6865	624356.77	4267043.49	0.00046156	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05
6866	624366.66	4267043.67	0.00046165	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05
6867	624376.55	4267043.84	0.0004617	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05
6868	624386.44	4267044.02	0.00046176	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05
6869	624396.33	4267044.2	0.00046176	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05
6870	624406.21	4267044.37	0.00046176	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05
6871	624416.1	4267044.55	0.0004617	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05
6872	624425.99	4267044.73	0.00046162	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05
6873	624435.88	4267044.9	0.00046145	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05
6874	624445.77	4267045.08	0.00046122	1.59E-04	3.86E-04	1.19E-04	9.13E-05	3.04E-05	7.12E-05
6875	624455.66	4267045.26	0.0004609	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05
6876	624465.55	4267045.43	0.0004605	1.58E-04	3.85E-04	1.19E-04	9.12E-05	3.03E-05	7.11E-05
6877	624475.44	4267045.61	0.00045998	1.58E-04	3.84E-04	1.18E-04	9.10E-05	3.03E-05	7.10E-05
6878	624485.33	4267045.79	0.00045938	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05
6879	624495.22	4267045.96	0.00045863	1.58E-04	3.83E-04	1.18E-04	9.08E-05	3.02E-05	7.08E-05
6880	624505.11	4267046.14	0.0004578	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05
6881	624515	4267046.32	0.00045682	1.57E-04	3.82E-04	1.18E-04	9.04E-05	3.01E-05	7.05E-05
6882	624524.89	4267046.49	0.00045576	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05
6883	624534.77	4267046.67	0.00045459	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.01E-05
6884	624544.66	4267046.85	0.00045327	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.99E-05	6.99E-05
6885	624554.55	4267047.02	0.00045186	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05
6886	624564.44	4267047.2	0.00045037	1.55E-04	3.76E-04	1.16E-04	8.91E-05	2.97E-05	6.95E-05
6887	624574.33	4267047.37	0.00044879	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.93E-05
6888	624584.22	4267047.55	0.00044715	1.54E-04	3.74E-04	1.15E-04	8.85E-05	2.95E-05	6.90E-05
6889	624594.11	4267047.73	0.00044546	1.53E-04	3.72E-04	1.15E-04	8.82E-05	2.93E-05	6.87E-05
6890	624604	4267047.9	0.00044377	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05
6891	624613.89	4267048.08	0.00044202	1.52E-04	3.69E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05
6892	624623.78	4267048.26	0.00044032	1.51E-04	3.68E-04	1.13E-04	8.72E-05	2.90E-05	6.79E-05
6893	624633.67	4267048.43	0.00043874	1.51E-04	3.67E-04	1.13E-04	8.68E-05	2.89E-05	6.77E-05
6894	624643.56	4267048.61	0.00043725	1.50E-04	3.65E-04	1.13E-04	8.65E-05	2.88E-05	6.75E-05
6895	624653.44	4267048.79	0.00043579	1.50E-04	3.64E-04	1.12E-04	8.63E-05	2.87E-05	6.72E-05
6896	624663.33	4267048.96	0.00043444	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05
6897	624673.22	4267049.14	0.00043318	1.49E-04	3.62E-04	1.12E-04	8.57E-05	2.85E-05	6.68E-05
6898	624683.11	4267049.32	0.00043206	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.67E-05
6899	624693	4267049.49	0.00043097	1.48E-04	3.60E-04	1.11E-04	8.53E-05	2.84E-05	6.65E-05
6900	624702.89	4267049.67	0.00043005	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.64E-05
6901	624712.78	4267049.85	0.00042924	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.62E-05
6902	624722.67	4267050.02	0.00042858	1.47E-04	3.58E-04	1.10E-04	8.48E-05	2.82E-05	6.61E-05
6903	624732.56	4267050.2	0.00042807	1.47E-04	3.58E-04	1.10E-04	8.47E-05	2.82E-05	6.61E-05
6904	624742.45	4267050.38	0.00042767	1.47E-04	3.57E-04	1.10E-04	8.47E-05	2.82E-05	6.60E-05
6905	624752.34	4267050.55	0.00042738	1.47E-04	3.57E-04	1.10E-04	8.46E-05	2.82E-05	6.59E-05
6906	624762.23	4267050.73	0.00042718	1.47E-04	3.57E-04	1.10E-04	8.46E-05	2.81E-05	6.59E-05
6907	624772.12	4267050.91	0.00042703	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05
6908	624782	4267051.08	0.00042698	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05
6909	624791.89	4267051.26	0.00042695	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05
6910	624801.78	4267051.44	0.00042692	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05
6911	624811.67	4267051.61	0.00042692	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05
6912	624821.56	4267051.79	0.00042689	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05

6913	624831.45	4267051.97	0.00042686	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05
6914	624326.22	4267139.22	0.00040514	1.39E-04	3.39E-04	1.04E-04	8.02E-05	2.67E-05	6.25E-05
6915	624317.24	4267135.32	0.00040686	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05
6916	624308.26	4267131.42	0.00040855	1.40E-04	3.41E-04	1.05E-04	8.09E-05	2.69E-05	6.30E-05
6917	624299.28	4267127.52	0.00041022	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05
6918	624290.3	4267123.62	0.00041185	1.42E-04	3.44E-04	1.06E-04	8.15E-05	2.71E-05	6.36E-05
6919	624281.31	4267119.72	0.00041343	1.42E-04	3.46E-04	1.06E-04	8.18E-05	2.72E-05	6.38E-05
6920	624272.33	4267115.82	0.00041486	1.43E-04	3.47E-04	1.07E-04	8.21E-05	2.73E-05	6.40E-05
6921	624263.35	4267111.92	0.00041618	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05
6922	624254.37	4267108.01	0.00041742	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05
6923	624245.39	4267104.11	0.00041857	1.44E-04	3.50E-04	1.08E-04	8.29E-05	2.76E-05	6.46E-05
6924	624236.4	4267100.21	0.00041966	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05
6925	624227.42	4267096.31	0.00042069	1.45E-04	3.52E-04	1.08E-04	8.33E-05	2.77E-05	6.49E-05
6926	624218.44	4267092.41	0.00042158	1.45E-04	3.52E-04	1.09E-04	8.34E-05	2.78E-05	6.51E-05
6927	624209.46	4267088.51	0.00042236	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05
6928	624200.48	4267084.61	0.00042299	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05
6929	624191.49	4267080.71	0.0004235	1.46E-04	3.54E-04	1.09E-04	8.38E-05	2.79E-05	6.53E-05
6930	624182.51	4267076.81	0.00042388	1.46E-04	3.54E-04	1.09E-04	8.39E-05	2.79E-05	6.54E-05
6931	624173.53	4267072.91	0.00042413	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.79E-05	6.54E-05
6932	624164.55	4267069.01	0.00042431	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05
6933	624335.2	4267143.12	0.00040341	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.22E-05
6934	624345.09	4267143.3	0.00040359	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
6935	624354.98	4267143.47	0.00040376	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
6936	624364.87	4267143.65	0.00040387	1.39E-04	3.38E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
6937	624374.76	4267143.83	0.00040393	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05
6938	624384.65	4267144	0.00040399	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05
6939	624394.54	4267144.18	0.00040396	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.23E-05
6940	624404.43	4267144.36	0.00040387	1.39E-04	3.38E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
6941	624414.32	4267144.53	0.0004037	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
6942	624424.21	4267144.71	0.00040344	1.39E-04	3.37E-04	1.04E-04	7.99E-05	2.66E-05	6.23E-05
6943	624434.1	4267144.89	0.00040307	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05
6944	624443.99	4267145.06	0.00040261	1.38E-04	3.37E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05
6945	624453.88	4267145.24	0.00040198	1.38E-04	3.36E-04	1.03E-04	7.96E-05	2.65E-05	6.20E-05
6946	624463.76	4267145.42	0.00040123	1.38E-04	3.35E-04	1.03E-04	7.94E-05	2.64E-05	6.19E-05
6947	624473.65	4267145.59	0.00040034	1.38E-04	3.35E-04	1.03E-04	7.92E-05	2.64E-05	6.18E-05
6948	624483.54	4267145.77	0.00039931	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05
6949	624493.43	4267145.95	0.00039816	1.37E-04	3.33E-04	1.03E-04	7.88E-05	2.62E-05	6.14E-05
6950	624503.32	4267146.12	0.00039687	1.36E-04	3.32E-04	1.02E-04	7.86E-05	2.61E-05	6.12E-05
6951	624513.21	4267146.3	0.00039546	1.36E-04	3.31E-04	1.02E-04	7.83E-05	2.61E-05	6.10E-05
6952	624523.1	4267146.48	0.00039391	1.35E-04	3.29E-04	1.01E-04	7.80E-05	2.60E-05	6.08E-05
6953	624532.99	4267146.65	0.00039231	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.58E-05	6.05E-05
6954	624542.88	4267146.83	0.00039064	1.34E-04	3.27E-04	1.01E-04	7.73E-05	2.57E-05	6.03E-05
6955	624552.77	4267147.01	0.00038889	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.00E-05
6956	624562.66	4267147.18	0.00038711	1.33E-04	3.24E-04	9.97E-05	7.66E-05	2.55E-05	5.97E-05
6957	624572.55	4267147.36	0.00038533	1.33E-04	3.22E-04	9.92E-05	7.63E-05	2.54E-05	5.95E-05
6958	624582.43	4267147.54	0.00038352	1.32E-04	3.21E-04	9.87E-05	7.59E-05	2.53E-05	5.92E-05
6959	624592.32	4267147.71	0.00038177	1.31E-04	3.19E-04	9.83E-05	7.56E-05	2.52E-05	5.89E-05
6960	624602.21	4267147.89	0.00038008	1.31E-04	3.18E-04	9.79E-05	7.52E-05	2.50E-05	5.86E-05
6961	624612.1	4267148.07	0.00037842	1.30E-04	3.16E-04	9.74E-05	7.49E-05	2.49E-05	5.84E-05
6962	624621.99	4267148.24	0.00037684	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.81E-05
6963	624631.88	4267148.42	0.00037534	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05
6964	624641.77	4267148.6	0.00037394	1.29E-04	3.13E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05

6965	624651.66	4267148.77	0.00037265	1.28E-04	3.11E-04	9.59E-05	7.38E-05	2.46E-05	5.75E-05
6966	624661.55	4267148.95	0.00037147	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05
6967	624671.44	4267149.12	0.00037041	1.27E-04	3.10E-04	9.54E-05	7.33E-05	2.44E-05	5.72E-05
6968	624681.33	4267149.3	0.00036946	1.27E-04	3.09E-04	9.51E-05	7.31E-05	2.43E-05	5.70E-05
6969	624691.22	4267149.48	0.00036863	1.27E-04	3.08E-04	9.49E-05	7.30E-05	2.43E-05	5.69E-05
6970	624701.11	4267149.65	0.00036797	1.27E-04	3.08E-04	9.47E-05	7.28E-05	2.42E-05	5.68E-05
6971	624710.99	4267149.83	0.00036737	1.26E-04	3.07E-04	9.46E-05	7.27E-05	2.42E-05	5.67E-05
6972	624720.88	4267150.01	0.00036696	1.26E-04	3.07E-04	9.45E-05	7.26E-05	2.42E-05	5.66E-05
6973	624730.77	4267150.18	0.00036668	1.26E-04	3.06E-04	9.44E-05	7.26E-05	2.42E-05	5.66E-05
6974	624740.66	4267150.36	0.00036648	1.26E-04	3.06E-04	9.44E-05	7.25E-05	2.41E-05	5.65E-05
6975	624750.55	4267150.54	0.00036625	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05
6976	624760.44	4267150.71	0.0003661	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05
6977	624770.33	4267150.89	0.00036599	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05
6978	624780.22	4267151.07	0.0003659	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05
6979	624790.11	4267151.24	0.0003659	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05
6980	624800	4267151.42	0.0003659	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05
6981	624809.89	4267151.6	0.00036593	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05
6982	624819.78	4267151.77	0.00036599	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.65E-05
6983	624829.66	4267151.95	0.00036605	1.26E-04	3.06E-04	9.42E-05	7.25E-05	2.41E-05	5.65E-05
6984	624070.49	4267128.92	0.00037408	1.29E-04	3.13E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05
6985	624061.43	4267124.98	0.00037425	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.77E-05
6986	624052.36	4267121.05	0.00037448	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05
6987	624043.29	4267117.11	0.00037483	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.78E-05
6988	624034.23	4267113.17	0.00037523	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05
6989	624025.16	4267109.23	0.00037575	1.29E-04	3.14E-04	9.67E-05	7.44E-05	2.48E-05	5.80E-05
6990	624016.09	4267105.3	0.00037629	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05
6991	624007.03	4267101.36	0.00037692	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.82E-05
6992	623997.96	4267097.42	0.00037758	1.30E-04	3.16E-04	9.72E-05	7.47E-05	2.49E-05	5.83E-05
6993	623988.9	4267093.48	0.00037827	1.30E-04	3.16E-04	9.74E-05	7.49E-05	2.49E-05	5.84E-05
6994	623979.83	4267089.55	0.00037896	1.30E-04	3.17E-04	9.76E-05	7.50E-05	2.50E-05	5.85E-05
6995	623970.76	4267085.61	0.00037962	1.31E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05
6996	623961.7	4267081.67	0.00038019	1.31E-04	3.18E-04	9.79E-05	7.53E-05	2.51E-05	5.87E-05
6997	623952.63	4267077.73	0.00038063	1.31E-04	3.18E-04	9.80E-05	7.53E-05	2.51E-05	5.87E-05
6998	623943.56	4267073.8	0.00038094	1.31E-04	3.18E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05
6999	623934.5	4267069.86	0.00038114	1.31E-04	3.19E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05
7000	623925.43	4267065.92	0.00038131	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.88E-05
7001	623916.36	4267061.98	0.00038131	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.88E-05
7002	623907.3	4267058.05	0.00038117	1.31E-04	3.19E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05
7003	623898.23	4267054.11	0.0003808	1.31E-04	3.18E-04	9.80E-05	7.54E-05	2.51E-05	5.88E-05
7004	623889.17	4267050.17	0.00038025	1.31E-04	3.18E-04	9.79E-05	7.53E-05	2.51E-05	5.87E-05
7005	623880.1	4267046.23	0.00037948	1.30E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05
7006	623871.03	4267042.3	0.0003785	1.30E-04	3.16E-04	9.75E-05	7.49E-05	2.49E-05	5.84E-05
7007	623861.97	4267038.36	0.0003773	1.30E-04	3.15E-04	9.71E-05	7.47E-05	2.49E-05	5.82E-05
7008	623852.9	4267034.42	0.00037589	1.29E-04	3.14E-04	9.68E-05	7.44E-05	2.48E-05	5.80E-05
7009	623843.83	4267030.49	0.00037428	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05
7010	623834.77	4267026.55	0.00037247	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05
7011	624620.21	4267248.23	0.00032741	1.13E-04	2.74E-04	8.43E-05	6.48E-05	2.16E-05	5.05E-05
7012	624630.1	4267248.4	0.00032609	1.12E-04	2.73E-04	8.40E-05	6.45E-05	2.15E-05	5.03E-05
7013	624639.98	4267248.58	0.00032489	1.12E-04	2.72E-04	8.36E-05	6.43E-05	2.14E-05	5.01E-05
7014	624649.87	4267248.76	0.0003238	1.11E-04	2.71E-04	8.34E-05	6.41E-05	2.13E-05	5.00E-05
7015	624659.76	4267248.93	0.00032282	1.11E-04	2.70E-04	8.31E-05	6.39E-05	2.13E-05	4.98E-05
7016	624669.65	4267249.11	0.00032196	1.11E-04	2.69E-04	8.29E-05	6.37E-05	2.12E-05	4.97E-05

7017	624679.54	4267249.29	0.00032122	1.10E-04	2.68E-04	8.27E-05	6.36E-05	2.12E-05	4.96E-05
7018	624689.43	4267249.46	0.00032058	1.10E-04	2.68E-04	8.25E-05	6.35E-05	2.11E-05	4.95E-05
7019	624699.32	4267249.64	0.00032004	1.10E-04	2.68E-04	8.24E-05	6.33E-05	2.11E-05	4.94E-05
7020	624709.21	4267249.82	0.00031958	1.10E-04	2.67E-04	8.23E-05	6.33E-05	2.11E-05	4.93E-05
7021	624719.1	4267249.99	0.00031921	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05
7022	624728.99	4267250.17	0.00031892	1.10E-04	2.67E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05
7023	624738.88	4267250.35	0.00031869	1.10E-04	2.66E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05
7024	624748.77	4267250.52	0.00031855	1.10E-04	2.66E-04	8.20E-05	6.31E-05	2.10E-05	4.92E-05
7025	624758.66	4267250.7	0.00031849	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05
7026	624768.54	4267250.88	0.00031849	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05
7027	624778.43	4267251.05	0.00031849	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05
7028	624788.32	4267251.23	0.00031846	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05
7029	624798.21	4267251.4	0.00031846	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05
7030	624808.1	4267251.58	0.00031846	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05
7031	624817.99	4267251.76	0.00031846	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05
7032	624827.88	4267251.93	0.00031849	1.10E-04	2.66E-04	8.20E-05	6.30E-05	2.10E-05	4.91E-05
7033	624867.68	4266142.51	0.0045476	1.56E-03	3.80E-03	1.17E-03	9.00E-04	3.00E-04	7.02E-04
7034	624867.84	4266132.57	0.0046633	1.60E-03	3.90E-03	1.20E-03	9.23E-04	3.07E-04	7.20E-04
7035	624868.01	4266122.64	0.0047838	1.65E-03	4.00E-03	1.23E-03	9.47E-04	3.15E-04	7.38E-04
7036	624868.17	4266112.71	0.0049099	1.69E-03	4.10E-03	1.26E-03	9.72E-04	3.24E-04	7.58E-04
7037	624868.33	4266102.77	0.0050391	1.73E-03	4.21E-03	1.30E-03	9.97E-04	3.32E-04	7.78E-04
7038	624868.5	4266092.84	0.0051673	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.40E-04	7.97E-04
7039	624868.66	4266082.91	0.0052935	1.82E-03	4.42E-03	1.36E-03	1.05E-03	3.49E-04	8.17E-04
7040	624868.83	4266072.97	0.0054147	1.86E-03	4.53E-03	1.39E-03	1.07E-03	3.57E-04	8.36E-04
7041	624868.99	4266063.04	0.0055307	1.90E-03	4.62E-03	1.42E-03	1.09E-03	3.64E-04	8.53E-04
7042	624869.15	4266053.11	0.0056399	1.94E-03	4.71E-03	1.45E-03	1.12E-03	3.72E-04	8.70E-04
7043	624869.32	4266043.17	0.005742	1.97E-03	4.80E-03	1.48E-03	1.14E-03	3.78E-04	8.86E-04
7044	624869.48	4266033.24	0.0058412	2.01E-03	4.88E-03	1.50E-03	1.16E-03	3.85E-04	9.01E-04
7045	624869.64	4266023.31	0.0059319	2.04E-03	4.96E-03	1.53E-03	1.17E-03	3.91E-04	9.15E-04
7046	624869.81	4266013.37	0.0060125	2.07E-03	5.03E-03	1.55E-03	1.19E-03	3.96E-04	9.28E-04
7047	624869.97	4266003.44	0.0060792	2.09E-03	5.08E-03	1.57E-03	1.20E-03	4.01E-04	9.38E-04
7048	624870.13	4265993.51	0.006137	2.11E-03	5.13E-03	1.58E-03	1.21E-03	4.04E-04	9.47E-04
7049	624870.3	4265983.57	0.0061854	2.13E-03	5.17E-03	1.59E-03	1.22E-03	4.08E-04	9.54E-04
7050	624870.46	4265973.64	0.006226	2.14E-03	5.20E-03	1.60E-03	1.23E-03	4.10E-04	9.61E-04
7051	624870.62	4265963.71	0.0062584	2.15E-03	5.23E-03	1.61E-03	1.24E-03	4.12E-04	9.66E-04
7052	624870.79	4265953.77	0.0062819	2.16E-03	5.25E-03	1.62E-03	1.24E-03	4.14E-04	9.69E-04
7053	624870.95	4265943.84	0.0062984	2.17E-03	5.26E-03	1.62E-03	1.25E-03	4.15E-04	9.72E-04
7054	624871.12	4265933.91	0.0063064	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.16E-04	9.73E-04
7055	624871.28	4265923.97	0.0063076	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.16E-04	9.73E-04
7056	624871.44	4265914.04	0.0063012	2.17E-03	5.27E-03	1.62E-03	1.25E-03	4.15E-04	9.72E-04
7057	624871.61	4265904.11	0.0062866	2.16E-03	5.25E-03	1.62E-03	1.24E-03	4.14E-04	9.70E-04
7058	624871.77	4265894.17	0.0062652	2.15E-03	5.24E-03	1.61E-03	1.24E-03	4.13E-04	9.67E-04
7059	624871.93	4265884.24	0.0062379	2.15E-03	5.21E-03	1.61E-03	1.23E-03	4.11E-04	9.63E-04
7060	624872.1	4265874.31	0.0062022	2.13E-03	5.18E-03	1.60E-03	1.23E-03	4.09E-04	9.57E-04
7061	624872.26	4265864.37	0.0061591	2.12E-03	5.15E-03	1.59E-03	1.22E-03	4.06E-04	9.50E-04
7062	624872.42	4265854.44	0.0061076	2.10E-03	5.11E-03	1.57E-03	1.21E-03	4.02E-04	9.42E-04
7063	624872.59	4265844.51	0.006047	2.08E-03	5.05E-03	1.56E-03	1.20E-03	3.98E-04	9.33E-04
7064	624872.75	4265834.57	0.0059791	2.06E-03	5.00E-03	1.54E-03	1.18E-03	3.94E-04	9.23E-04
7065	624872.91	4265824.64	0.0059069	2.03E-03	4.94E-03	1.52E-03	1.17E-03	3.89E-04	9.11E-04
7066	624873.08	4265814.71	0.0058265	2.00E-03	4.87E-03	1.50E-03	1.15E-03	3.84E-04	8.99E-04
7067	624873.24	4265804.77	0.005738	1.97E-03	4.80E-03	1.48E-03	1.14E-03	3.78E-04	8.85E-04
7068	624873.4	4265794.84	0.0056394	1.94E-03	4.71E-03	1.45E-03	1.12E-03	3.72E-04	8.70E-04

7069	624873.57	4265784.91	0.0055344	1.90E-03	4.63E-03	1.42E-03	1.10E-03	3.65E-04	8.54E-04
7070	624873.73	4265774.97	0.0054253	1.87E-03	4.53E-03	1.40E-03	1.07E-03	3.57E-04	8.37E-04
7071	624873.9	4265765.04	0.0053129	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.20E-04
7072	624874.06	4265755.11	0.0052002	1.79E-03	4.35E-03	1.34E-03	1.03E-03	3.43E-04	8.02E-04
7073	624874.22	4265745.17	0.0050883	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.85E-04
7074	624874.39	4265735.24	0.004978	1.71E-03	4.16E-03	1.28E-03	9.85E-04	3.28E-04	7.68E-04
7075	624874.55	4265725.31	0.0048703	1.67E-03	4.07E-03	1.25E-03	9.64E-04	3.21E-04	7.52E-04
7076	624874.71	4265715.37	0.0047638	1.64E-03	3.98E-03	1.23E-03	9.43E-04	3.14E-04	7.35E-04
7077	624874.88	4265705.44	0.004657	1.60E-03	3.89E-03	1.20E-03	9.22E-04	3.07E-04	7.19E-04
7078	624875.04	4265695.51	0.0045495	1.56E-03	3.80E-03	1.17E-03	9.01E-04	3.00E-04	7.02E-04
7079	624875.2	4265685.57	0.0044382	1.53E-03	3.71E-03	1.14E-03	8.78E-04	2.92E-04	6.85E-04
7080	624861.24	4266176.49	0.004391	1.51E-03	3.67E-03	1.13E-03	8.69E-04	2.89E-04	6.78E-04
7081	624877.68	4266142.67	0.0041158	1.42E-03	3.44E-03	1.06E-03	8.15E-04	2.71E-04	6.35E-04
7082	624877.84	4266132.74	0.0042076	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.49E-04
7083	624878.01	4266122.8	0.004303	1.48E-03	3.60E-03	1.11E-03	8.52E-04	2.84E-04	6.64E-04
7084	624878.17	4266112.87	0.0044029	1.51E-03	3.68E-03	1.13E-03	8.72E-04	2.90E-04	6.79E-04
7085	624878.33	4266102.94	0.0045057	1.55E-03	3.77E-03	1.16E-03	8.92E-04	2.97E-04	6.95E-04
7086	624878.5	4266093	0.0046088	1.58E-03	3.85E-03	1.19E-03	9.12E-04	3.04E-04	7.11E-04
7087	624878.66	4266083.07	0.0047111	1.62E-03	3.94E-03	1.21E-03	9.33E-04	3.10E-04	7.27E-04
7088	624878.82	4266073.14	0.0048107	1.65E-03	4.02E-03	1.24E-03	9.52E-04	3.17E-04	7.42E-04
7089	624878.99	4266063.2	0.0049061	1.69E-03	4.10E-03	1.26E-03	9.71E-04	3.23E-04	7.57E-04
7090	624879.15	4266053.27	0.0049972	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04
7091	624879.31	4266043.34	0.005084	1.75E-03	4.25E-03	1.31E-03	1.01E-03	3.35E-04	7.84E-04
7092	624879.48	4266033.4	0.0051682	1.78E-03	4.32E-03	1.33E-03	1.02E-03	3.41E-04	7.97E-04
7093	624879.64	4266023.47	0.0052467	1.80E-03	4.39E-03	1.35E-03	1.04E-03	3.46E-04	8.10E-04
7094	624879.81	4266013.54	0.0053174	1.83E-03	4.44E-03	1.37E-03	1.05E-03	3.50E-04	8.21E-04
7095	624879.97	4266003.6	0.0053771	1.85E-03	4.49E-03	1.38E-03	1.06E-03	3.54E-04	8.30E-04
7096	624880.13	4265993.67	0.0054295	1.87E-03	4.54E-03	1.40E-03	1.07E-03	3.58E-04	8.38E-04
7097	624880.3	4265983.74	0.0054741	1.88E-03	4.58E-03	1.41E-03	1.08E-03	3.61E-04	8.45E-04
7098	624880.46	4265973.8	0.0055121	1.90E-03	4.61E-03	1.42E-03	1.09E-03	3.63E-04	8.51E-04
7099	624880.62	4265963.87	0.005543	1.91E-03	4.63E-03	1.43E-03	1.10E-03	3.65E-04	8.55E-04
7100	624880.79	4265953.94	0.0055662	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.67E-04	8.59E-04
7101	624880.95	4265944	0.005583	1.92E-03	4.67E-03	1.44E-03	1.11E-03	3.68E-04	8.61E-04
7102	624881.11	4265934.07	0.005593	1.92E-03	4.67E-03	1.44E-03	1.11E-03	3.69E-04	8.63E-04
7103	624881.28	4265924.14	0.0055955	1.92E-03	4.68E-03	1.44E-03	1.11E-03	3.69E-04	8.63E-04
7104	624881.44	4265914.2	0.005592	1.92E-03	4.67E-03	1.44E-03	1.11E-03	3.68E-04	8.63E-04
7105	624881.6	4265904.27	0.0055817	1.92E-03	4.67E-03	1.44E-03	1.10E-03	3.68E-04	8.61E-04
7106	624881.77	4265894.34	0.0055642	1.91E-03	4.65E-03	1.43E-03	1.10E-03	3.67E-04	8.59E-04
7107	624881.93	4265884.4	0.0055432	1.91E-03	4.63E-03	1.43E-03	1.10E-03	3.65E-04	8.55E-04
7108	624882.1	4265874.47	0.0055154	1.90E-03	4.61E-03	1.42E-03	1.09E-03	3.63E-04	8.51E-04
7109	624882.26	4265864.54	0.0054811	1.88E-03	4.58E-03	1.41E-03	1.08E-03	3.61E-04	8.46E-04
7110	624882.42	4265854.6	0.0054374	1.87E-03	4.54E-03	1.40E-03	1.08E-03	3.58E-04	8.39E-04
7111	624882.59	4265844.67	0.0053864	1.85E-03	4.50E-03	1.39E-03	1.07E-03	3.55E-04	8.31E-04
7112	624882.75	4265834.74	0.0053295	1.83E-03	4.45E-03	1.37E-03	1.05E-03	3.51E-04	8.22E-04
7113	624882.91	4265824.8	0.0052678	1.81E-03	4.40E-03	1.36E-03	1.04E-03	3.47E-04	8.13E-04
7114	624883.08	4265814.87	0.0051994	1.79E-03	4.35E-03	1.34E-03	1.03E-03	3.43E-04	8.02E-04
7115	624883.24	4265804.94	0.0051256	1.76E-03	4.28E-03	1.32E-03	1.01E-03	3.38E-04	7.91E-04
7116	624883.4	4265795	0.0050456	1.74E-03	4.22E-03	1.30E-03	9.99E-04	3.32E-04	7.79E-04
7117	624883.57	4265785.07	0.0049614	1.71E-03	4.15E-03	1.28E-03	9.82E-04	3.27E-04	7.66E-04
7118	624883.73	4265775.14	0.004875	1.68E-03	4.07E-03	1.26E-03	9.65E-04	3.21E-04	7.52E-04
7119	624883.89	4265765.2	0.0047871	1.65E-03	4.00E-03	1.23E-03	9.48E-04	3.15E-04	7.39E-04
7120	624884.06	4265755.27	0.0046987	1.62E-03	3.93E-03	1.21E-03	9.30E-04	3.10E-04	7.25E-04

7121	624884.22	4265745.34	0.0046115	1.59E-03	3.85E-03	1.19E-03	9.13E-04	3.04E-04	7.12E-04
7122	624884.38	4265735.4	0.0045255	1.56E-03	3.78E-03	1.17E-03	8.96E-04	2.98E-04	6.98E-04
7123	624884.55	4265725.47	0.0044399	1.53E-03	3.71E-03	1.14E-03	8.79E-04	2.93E-04	6.85E-04
7124	624884.71	4265715.54	0.004355	1.50E-03	3.64E-03	1.12E-03	8.62E-04	2.87E-04	6.72E-04
7125	624884.88	4265705.6	0.0042695	1.47E-03	3.57E-03	1.10E-03	8.45E-04	2.81E-04	6.59E-04
7126	624885.04	4265695.67	0.0041833	1.44E-03	3.50E-03	1.08E-03	8.28E-04	2.76E-04	6.46E-04
7127	624885.2	4265685.74	0.0040942	1.41E-03	3.42E-03	1.05E-03	8.10E-04	2.70E-04	6.32E-04
7128	624885.37	4265675.8	0.0039995	1.38E-03	3.34E-03	1.03E-03	7.92E-04	2.64E-04	6.17E-04
7129	624878.36	4266173.85	0.0037905	1.30E-03	3.17E-03	9.76E-04	7.50E-04	2.50E-04	5.85E-04
7130	624868.19	4266183.68	0.004028	1.39E-03	3.37E-03	1.04E-03	7.97E-04	2.65E-04	6.22E-04
7131	624887.68	4266142.84	0.0037508	1.29E-03	3.14E-03	9.66E-04	7.42E-04	2.47E-04	5.79E-04
7132	624887.84	4266132.9	0.0038248	1.32E-03	3.20E-03	9.85E-04	7.57E-04	2.52E-04	5.90E-04
7133	624888.01	4266122.97	0.0039013	1.34E-03	3.26E-03	1.00E-03	7.72E-04	2.57E-04	6.02E-04
7134	624888.17	4266113.04	0.0039814	1.37E-03	3.33E-03	1.03E-03	7.88E-04	2.62E-04	6.14E-04
7135	624888.33	4266103.1	0.0040643	1.40E-03	3.40E-03	1.05E-03	8.04E-04	2.68E-04	6.27E-04
7136	624888.5	4266093.17	0.0041479	1.43E-03	3.47E-03	1.07E-03	8.21E-04	2.73E-04	6.40E-04
7137	624888.66	4266083.24	0.0042316	1.46E-03	3.54E-03	1.09E-03	8.38E-04	2.79E-04	6.53E-04
7138	624888.82	4266073.3	0.0043137	1.48E-03	3.61E-03	1.11E-03	8.54E-04	2.84E-04	6.66E-04
7139	624888.99	4266063.37	0.0043927	1.51E-03	3.67E-03	1.13E-03	8.69E-04	2.89E-04	6.78E-04
7140	624889.15	4266053.44	0.0044689	1.54E-03	3.74E-03	1.15E-03	8.85E-04	2.94E-04	6.90E-04
7141	624889.31	4266043.5	0.0045421	1.56E-03	3.80E-03	1.17E-03	8.99E-04	2.99E-04	7.01E-04
7142	624889.48	4266033.57	0.0046135	1.59E-03	3.86E-03	1.19E-03	9.13E-04	3.04E-04	7.12E-04
7143	624889.64	4266023.64	0.0046808	1.61E-03	3.91E-03	1.21E-03	9.27E-04	3.08E-04	7.22E-04
7144	624889.8	4266013.7	0.0047427	1.63E-03	3.96E-03	1.22E-03	9.39E-04	3.12E-04	7.32E-04
7145	624889.97	4266003.77	0.0047947	1.65E-03	4.01E-03	1.23E-03	9.49E-04	3.16E-04	7.40E-04
7146	624890.13	4265993.84	0.0048414	1.66E-03	4.05E-03	1.25E-03	9.58E-04	3.19E-04	7.47E-04
7147	624890.29	4265983.9	0.0048823	1.68E-03	4.08E-03	1.26E-03	9.66E-04	3.22E-04	7.53E-04
7148	624890.46	4265973.97	0.0049165	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.59E-04
7149	624890.62	4265964.04	0.0049453	1.70E-03	4.13E-03	1.27E-03	9.79E-04	3.26E-04	7.63E-04
7150	624890.79	4265954.1	0.0049675	1.71E-03	4.15E-03	1.28E-03	9.83E-04	3.27E-04	7.67E-04
7151	624890.95	4265944.17	0.0049842	1.71E-03	4.17E-03	1.28E-03	9.87E-04	3.28E-04	7.69E-04
7152	624891.11	4265934.24	0.0049948	1.72E-03	4.17E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04
7153	624891.28	4265924.3	0.004999	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04
7154	624891.44	4265914.37	0.0049977	1.72E-03	4.18E-03	1.29E-03	9.89E-04	3.29E-04	7.71E-04
7155	624891.6	4265904.44	0.0049905	1.72E-03	4.17E-03	1.28E-03	9.88E-04	3.29E-04	7.70E-04
7156	624891.77	4265894.5	0.0049769	1.71E-03	4.16E-03	1.28E-03	9.85E-04	3.28E-04	7.68E-04
7157	624891.93	4265884.57	0.0049618	1.71E-03	4.15E-03	1.28E-03	9.82E-04	3.27E-04	7.66E-04
7158	624892.09	4265874.64	0.0049405	1.70E-03	4.13E-03	1.27E-03	9.78E-04	3.26E-04	7.62E-04
7159	624892.26	4265864.7	0.0049134	1.69E-03	4.11E-03	1.27E-03	9.73E-04	3.24E-04	7.58E-04
7160	624892.42	4265854.77	0.0048773	1.68E-03	4.08E-03	1.26E-03	9.65E-04	3.21E-04	7.53E-04
7161	624892.58	4265844.84	0.0048355	1.66E-03	4.04E-03	1.24E-03	9.57E-04	3.19E-04	7.46E-04
7162	624892.75	4265834.9	0.0047879	1.65E-03	4.00E-03	1.23E-03	9.48E-04	3.15E-04	7.39E-04
7163	624892.91	4265824.97	0.0047361	1.63E-03	3.96E-03	1.22E-03	9.37E-04	3.12E-04	7.31E-04
7164	624893.07	4265815.04	0.0046793	1.61E-03	3.91E-03	1.20E-03	9.26E-04	3.08E-04	7.22E-04
7165	624893.24	4265805.1	0.004618	1.59E-03	3.86E-03	1.19E-03	9.14E-04	3.04E-04	7.13E-04
7166	624893.4	4265795.17	0.0045538	1.57E-03	3.81E-03	1.17E-03	9.01E-04	3.00E-04	7.03E-04
7167	624893.57	4265785.24	0.0044867	1.54E-03	3.75E-03	1.16E-03	8.88E-04	2.96E-04	6.92E-04
7168	624893.73	4265775.3	0.0044183	1.52E-03	3.69E-03	1.14E-03	8.75E-04	2.91E-04	6.82E-04
7169	624893.89	4265765.37	0.0043491	1.50E-03	3.64E-03	1.12E-03	8.61E-04	2.87E-04	6.71E-04
7170	624894.06	4265755.44	0.0042795	1.47E-03	3.58E-03	1.10E-03	8.47E-04	2.82E-04	6.60E-04
7171	624894.22	4265745.5	0.0042106	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.50E-04
7172	624894.38	4265735.57	0.0041422	1.42E-03	3.46E-03	1.07E-03	8.20E-04	2.73E-04	6.39E-04

7173	624894.55	4265725.64	0.0040735	1.40E-03	3.40E-03	1.05E-03	8.06E-04	2.68E-04	6.29E-04
7174	624894.71	4265715.7	0.004005	1.38E-03	3.35E-03	1.03E-03	7.93E-04	2.64E-04	6.18E-04
7175	624894.87	4265705.77	0.0039363	1.35E-03	3.29E-03	1.01E-03	7.79E-04	2.59E-04	6.07E-04
7176	624895.04	4265695.84	0.0038662	1.33E-03	3.23E-03	9.95E-04	7.65E-04	2.55E-04	5.97E-04
7177	624895.2	4265685.9	0.0037938	1.30E-03	3.17E-03	9.77E-04	7.51E-04	2.50E-04	5.85E-04
7178	624886.08	4266179.28	0.0035057	1.21E-03	2.93E-03	9.03E-04	6.94E-04	2.31E-04	5.41E-04
7179	624873.35	4266191.58	0.0037632	1.29E-03	3.15E-03	9.69E-04	7.45E-04	2.48E-04	5.81E-04
7180	624864.45	4266195.08	0.0040045	1.38E-03	3.35E-03	1.03E-03	7.93E-04	2.64E-04	6.18E-04
7181	624855.54	4266198.59	0.0042548	1.46E-03	3.56E-03	1.10E-03	8.42E-04	2.80E-04	6.57E-04
7182	624897.68	4266143	0.0034383	1.18E-03	2.87E-03	8.85E-04	6.81E-04	2.27E-04	5.31E-04
7183	624897.84	4266133.07	0.0034985	1.20E-03	2.92E-03	9.01E-04	6.92E-04	2.30E-04	5.40E-04
7184	624898	4266123.13	0.0035609	1.22E-03	2.98E-03	9.17E-04	7.05E-04	2.35E-04	5.49E-04
7185	624898.17	4266113.2	0.0036255	1.25E-03	3.03E-03	9.33E-04	7.18E-04	2.39E-04	5.59E-04
7186	624898.33	4266103.27	0.0036928	1.27E-03	3.09E-03	9.51E-04	7.31E-04	2.43E-04	5.70E-04
7187	624898.49	4266093.33	0.0037616	1.29E-03	3.14E-03	9.68E-04	7.45E-04	2.48E-04	5.80E-04
7188	624898.66	4266083.4	0.0038301	1.32E-03	3.20E-03	9.86E-04	7.58E-04	2.52E-04	5.91E-04
7189	624898.82	4266073.47	0.0038981	1.34E-03	3.26E-03	1.00E-03	7.72E-04	2.57E-04	6.01E-04
7190	624898.99	4266063.53	0.0039641	1.36E-03	3.31E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04
7191	624899.15	4266053.6	0.004028	1.39E-03	3.37E-03	1.04E-03	7.97E-04	2.65E-04	6.22E-04
7192	624899.31	4266043.67	0.0040896	1.41E-03	3.42E-03	1.05E-03	8.09E-04	2.69E-04	6.31E-04
7193	624899.48	4266033.73	0.0041503	1.43E-03	3.47E-03	1.07E-03	8.22E-04	2.73E-04	6.40E-04
7194	624899.64	4266023.8	0.0042079	1.45E-03	3.52E-03	1.08E-03	8.33E-04	2.77E-04	6.49E-04
7195	624899.8	4266013.87	0.0042611	1.47E-03	3.56E-03	1.10E-03	8.43E-04	2.81E-04	6.58E-04
7196	624899.97	4266003.93	0.0043064	1.48E-03	3.60E-03	1.11E-03	8.52E-04	2.84E-04	6.64E-04
7197	624900.13	4265994	0.0043475	1.50E-03	3.63E-03	1.12E-03	8.61E-04	2.86E-04	6.71E-04
7198	624900.29	4265984.07	0.0043838	1.51E-03	3.66E-03	1.13E-03	8.68E-04	2.89E-04	6.76E-04
7199	624900.46	4265974.13	0.0044147	1.52E-03	3.69E-03	1.14E-03	8.74E-04	2.91E-04	6.81E-04
7200	624900.62	4265964.2	0.004441	1.53E-03	3.71E-03	1.14E-03	8.79E-04	2.93E-04	6.85E-04
7201	624900.78	4265954.27	0.0044622	1.53E-03	3.73E-03	1.15E-03	8.83E-04	2.94E-04	6.89E-04
7202	624900.95	4265944.33	0.0044778	1.54E-03	3.74E-03	1.15E-03	8.86E-04	2.95E-04	6.91E-04
7203	624901.11	4265934.4	0.0044887	1.54E-03	3.75E-03	1.16E-03	8.88E-04	2.96E-04	6.93E-04
7204	624901.27	4265924.47	0.0044944	1.55E-03	3.76E-03	1.16E-03	8.90E-04	2.96E-04	6.94E-04
7205	624901.44	4265914.53	0.0044955	1.55E-03	3.76E-03	1.16E-03	8.90E-04	2.96E-04	6.94E-04
7206	624901.6	4265904.6	0.0044916	1.54E-03	3.75E-03	1.16E-03	8.89E-04	2.96E-04	6.93E-04
7207	624901.77	4265894.67	0.0044824	1.54E-03	3.75E-03	1.15E-03	8.87E-04	2.95E-04	6.92E-04
7208	624901.93	4265884.73	0.0044703	1.54E-03	3.74E-03	1.15E-03	8.85E-04	2.95E-04	6.90E-04
7209	624902.09	4265874.8	0.0044529	1.53E-03	3.72E-03	1.15E-03	8.81E-04	2.93E-04	6.87E-04
7210	624902.26	4265864.87	0.0044302	1.52E-03	3.70E-03	1.14E-03	8.77E-04	2.92E-04	6.84E-04
7211	624902.42	4265854.93	0.0044008	1.51E-03	3.68E-03	1.13E-03	8.71E-04	2.90E-04	6.79E-04
7212	624902.58	4265845	0.0043668	1.50E-03	3.65E-03	1.12E-03	8.64E-04	2.88E-04	6.74E-04
7213	624902.75	4265835.07	0.0043281	1.49E-03	3.62E-03	1.11E-03	8.57E-04	2.85E-04	6.68E-04
7214	624902.91	4265825.13	0.0042859	1.47E-03	3.58E-03	1.10E-03	8.48E-04	2.82E-04	6.61E-04
7215	624903.07	4265815.2	0.0042402	1.46E-03	3.54E-03	1.09E-03	8.39E-04	2.79E-04	6.54E-04
7216	624903.24	4265805.27	0.0041911	1.44E-03	3.50E-03	1.08E-03	8.30E-04	2.76E-04	6.47E-04
7217	624903.4	4265795.33	0.00414	1.42E-03	3.46E-03	1.07E-03	8.19E-04	2.73E-04	6.39E-04
7218	624903.56	4265785.4	0.0040871	1.41E-03	3.42E-03	1.05E-03	8.09E-04	2.69E-04	6.31E-04
7219	624903.73	4265775.47	0.0040326	1.39E-03	3.37E-03	1.04E-03	7.98E-04	2.66E-04	6.22E-04
7220	624903.89	4265765.53	0.0039779	1.37E-03	3.32E-03	1.02E-03	7.87E-04	2.62E-04	6.14E-04
7221	624904.05	4265755.6	0.003923	1.35E-03	3.28E-03	1.01E-03	7.77E-04	2.58E-04	6.05E-04
7222	624904.22	4265745.67	0.0038677	1.33E-03	3.23E-03	9.96E-04	7.66E-04	2.55E-04	5.97E-04
7223	624904.38	4265735.73	0.0038126	1.31E-03	3.19E-03	9.82E-04	7.55E-04	2.51E-04	5.88E-04
7224	624904.55	4265725.8	0.0037569	1.29E-03	3.14E-03	9.67E-04	7.44E-04	2.48E-04	5.80E-04

7225	624904.71	4265715.87	0.0037012	1.27E-03	3.09E-03	9.53E-04	7.33E-04	2.44E-04	5.71E-04
7226	624904.87	4265705.93	0.0036452	1.25E-03	3.05E-03	9.39E-04	7.22E-04	2.40E-04	5.62E-04
7227	624905.04	4265696	0.003588	1.23E-03	3.00E-03	9.24E-04	7.10E-04	2.36E-04	5.54E-04
7228	624905.2	4265686.07	0.0035289	1.21E-03	2.95E-03	9.09E-04	6.99E-04	2.33E-04	5.45E-04
7229	624905.36	4265676.13	0.0034663	1.19E-03	2.90E-03	8.92E-04	6.86E-04	2.28E-04	5.35E-04
7230	624896.53	4266178.39	0.0032344	1.11E-03	2.70E-03	8.33E-04	6.40E-04	2.13E-04	4.99E-04
7231	624892.87	4266186.83	0.0032645	1.12E-03	2.73E-03	8.41E-04	6.46E-04	2.15E-04	5.04E-04
7232	624880.66	4266198.63	0.0034782	1.20E-03	2.91E-03	8.95E-04	6.88E-04	2.29E-04	5.37E-04
7233	624872.11	4266202	0.0036775	1.26E-03	3.07E-03	9.47E-04	7.28E-04	2.42E-04	5.67E-04
7234	624907.68	4266143.16	0.0031674	1.09E-03	2.65E-03	8.16E-04	6.27E-04	2.09E-04	4.89E-04
7235	624907.84	4266133.23	0.0032168	1.11E-03	2.69E-03	8.28E-04	6.37E-04	2.12E-04	4.96E-04
7236	624908	4266123.3	0.0032678	1.12E-03	2.73E-03	8.41E-04	6.47E-04	2.15E-04	5.04E-04
7237	624908.17	4266113.36	0.0033207	1.14E-03	2.78E-03	8.55E-04	6.57E-04	2.19E-04	5.12E-04
7238	624908.33	4266103.43	0.0033758	1.16E-03	2.82E-03	8.69E-04	6.68E-04	2.22E-04	5.21E-04
7239	624908.49	4266093.5	0.0034324	1.18E-03	2.87E-03	8.84E-04	6.79E-04	2.26E-04	5.30E-04
7240	624908.66	4266083.56	0.0034892	1.20E-03	2.92E-03	8.98E-04	6.91E-04	2.30E-04	5.38E-04
7241	624908.82	4266073.63	0.0035459	1.22E-03	2.96E-03	9.13E-04	7.02E-04	2.34E-04	5.47E-04
7242	624908.98	4266063.7	0.0036014	1.24E-03	3.01E-03	9.27E-04	7.13E-04	2.37E-04	5.56E-04
7243	624909.15	4266053.76	0.003655	1.26E-03	3.06E-03	9.41E-04	7.23E-04	2.41E-04	5.64E-04
7244	624909.31	4266043.83	0.0037071	1.27E-03	3.10E-03	9.54E-04	7.34E-04	2.44E-04	5.72E-04
7245	624909.47	4266033.9	0.0037591	1.29E-03	3.14E-03	9.68E-04	7.44E-04	2.48E-04	5.80E-04
7246	624909.64	4266023.96	0.0038079	1.31E-03	3.18E-03	9.80E-04	7.54E-04	2.51E-04	5.88E-04
7247	624909.8	4266014.03	0.0038536	1.33E-03	3.22E-03	9.92E-04	7.63E-04	2.54E-04	5.95E-04
7248	624909.96	4266004.1	0.0038932	1.34E-03	3.25E-03	1.00E-03	7.71E-04	2.56E-04	6.01E-04
7249	624910.13	4265994.16	0.0039286	1.35E-03	3.28E-03	1.01E-03	7.78E-04	2.59E-04	6.06E-04
7250	624910.29	4265984.23	0.0039606	1.36E-03	3.31E-03	1.02E-03	7.84E-04	2.61E-04	6.11E-04
7251	624910.46	4265974.3	0.0039881	1.37E-03	3.33E-03	1.03E-03	7.89E-04	2.63E-04	6.15E-04
7252	624910.62	4265964.36	0.0040119	1.38E-03	3.35E-03	1.03E-03	7.94E-04	2.64E-04	6.19E-04
7253	624910.78	4265954.43	0.0040313	1.39E-03	3.37E-03	1.04E-03	7.98E-04	2.66E-04	6.22E-04
7254	624910.95	4265944.5	0.0040461	1.39E-03	3.38E-03	1.04E-03	8.01E-04	2.67E-04	6.24E-04
7255	624911.11	4265934.56	0.0040569	1.40E-03	3.39E-03	1.04E-03	8.03E-04	2.67E-04	6.26E-04
7256	624911.27	4265924.63	0.0040632	1.40E-03	3.40E-03	1.05E-03	8.04E-04	2.68E-04	6.27E-04
7257	624911.44	4265914.7	0.0040665	1.40E-03	3.40E-03	1.05E-03	8.05E-04	2.68E-04	6.27E-04
7258	624911.6	4265904.76	0.0040658	1.40E-03	3.40E-03	1.05E-03	8.05E-04	2.68E-04	6.27E-04
7259	624911.76	4265894.83	0.0040608	1.40E-03	3.39E-03	1.05E-03	8.04E-04	2.68E-04	6.27E-04
7260	624911.93	4265884.9	0.0040504	1.39E-03	3.39E-03	1.04E-03	8.02E-04	2.67E-04	6.25E-04
7261	624912.09	4265874.96	0.0040362	1.39E-03	3.37E-03	1.04E-03	7.99E-04	2.66E-04	6.23E-04
7262	624912.25	4265865.03	0.0040179	1.38E-03	3.36E-03	1.03E-03	7.95E-04	2.65E-04	6.20E-04
7263	624912.42	4265855.1	0.0039941	1.37E-03	3.34E-03	1.03E-03	7.91E-04	2.63E-04	6.16E-04
7264	624912.58	4265845.16	0.003967	1.36E-03	3.32E-03	1.02E-03	7.85E-04	2.61E-04	6.12E-04
7265	624912.75	4265835.23	0.0039361	1.35E-03	3.29E-03	1.01E-03	7.79E-04	2.59E-04	6.07E-04
7266	624912.91	4265825.3	0.0039025	1.34E-03	3.26E-03	1.00E-03	7.72E-04	2.57E-04	6.02E-04
7267	624913.07	4265815.36	0.0038661	1.33E-03	3.23E-03	9.95E-04	7.65E-04	2.55E-04	5.97E-04
7268	624913.24	4265805.43	0.0038272	1.32E-03	3.20E-03	9.85E-04	7.58E-04	2.52E-04	5.91E-04
7269	624913.4	4265795.5	0.0037868	1.30E-03	3.17E-03	9.75E-04	7.50E-04	2.50E-04	5.84E-04
7270	624913.56	4265785.56	0.0037449	1.29E-03	3.13E-03	9.64E-04	7.41E-04	2.47E-04	5.78E-04
7271	624913.73	4265775.63	0.0037018	1.27E-03	3.09E-03	9.53E-04	7.33E-04	2.44E-04	5.71E-04
7272	624913.89	4265765.7	0.0036584	1.26E-03	3.06E-03	9.42E-04	7.24E-04	2.41E-04	5.65E-04
7273	624914.05	4265755.76	0.0036146	1.24E-03	3.02E-03	9.31E-04	7.15E-04	2.38E-04	5.58E-04
7274	624914.22	4265745.83	0.00357	1.23E-03	2.98E-03	9.19E-04	7.07E-04	2.35E-04	5.51E-04
7275	624914.38	4265735.9	0.0035253	1.21E-03	2.95E-03	9.08E-04	6.98E-04	2.32E-04	5.44E-04
7276	624914.54	4265725.96	0.0034801	1.20E-03	2.91E-03	8.96E-04	6.89E-04	2.29E-04	5.37E-04

7277	624914.71	4265716.03	0.0034344	1.18E-03	2.87E-03	8.84E-04	6.80E-04	2.26E-04	5.30E-04
7278	624914.87	4265706.1	0.0033885	1.17E-03	2.83E-03	8.72E-04	6.71E-04	2.23E-04	5.23E-04
7279	624915.03	4265696.16	0.0033418	1.15E-03	2.79E-03	8.60E-04	6.61E-04	2.20E-04	5.16E-04
7280	624915.2	4265686.23	0.0032931	1.13E-03	2.75E-03	8.48E-04	6.52E-04	2.17E-04	5.08E-04
7281	624915.36	4265676.3	0.0032416	1.11E-03	2.71E-03	8.35E-04	6.42E-04	2.14E-04	5.00E-04
7282	624906.84	4266177.86	0.0029961	1.03E-03	2.50E-03	7.71E-04	5.93E-04	1.97E-04	4.62E-04
7283	624899.72	4266194.25	0.0030505	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04
7284	624917.67	4266143.33	0.0029304	1.01E-03	2.45E-03	7.54E-04	5.80E-04	1.93E-04	4.52E-04
7285	624917.84	4266133.4	0.0029711	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.58E-04
7286	624918	4266123.46	0.0030132	1.04E-03	2.52E-03	7.76E-04	5.96E-04	1.99E-04	4.65E-04
7287	624918.16	4266113.53	0.0030569	1.05E-03	2.56E-03	7.87E-04	6.05E-04	2.01E-04	4.72E-04
7288	624918.33	4266103.6	0.0031021	1.07E-03	2.59E-03	7.99E-04	6.14E-04	2.04E-04	4.79E-04
7289	624918.49	4266093.66	0.003149	1.08E-03	2.63E-03	8.11E-04	6.23E-04	2.07E-04	4.86E-04
7290	624918.66	4266083.73	0.0031962	1.10E-03	2.67E-03	8.23E-04	6.33E-04	2.11E-04	4.93E-04
7291	624918.82	4266073.8	0.0032437	1.12E-03	2.71E-03	8.35E-04	6.42E-04	2.14E-04	5.01E-04
7292	624918.98	4266063.86	0.0032905	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.08E-04
7293	624919.15	4266053.93	0.0033357	1.15E-03	2.79E-03	8.59E-04	6.60E-04	2.20E-04	5.15E-04
7294	624919.31	4266044	0.0033798	1.16E-03	2.82E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04
7295	624919.47	4266034.06	0.0034243	1.18E-03	2.86E-03	8.82E-04	6.78E-04	2.26E-04	5.28E-04
7296	624919.64	4266024.13	0.0034661	1.19E-03	2.90E-03	8.92E-04	6.86E-04	2.28E-04	5.35E-04
7297	624919.8	4266014.2	0.0035055	1.21E-03	2.93E-03	9.03E-04	6.94E-04	2.31E-04	5.41E-04
7298	624919.96	4266004.26	0.0035396	1.22E-03	2.96E-03	9.11E-04	7.01E-04	2.33E-04	5.46E-04
7299	624920.13	4265994.33	0.0035704	1.23E-03	2.98E-03	9.19E-04	7.07E-04	2.35E-04	5.51E-04
7300	624920.29	4265984.4	0.0035983	1.24E-03	3.01E-03	9.26E-04	7.12E-04	2.37E-04	5.55E-04
7301	624920.45	4265974.46	0.003623	1.25E-03	3.03E-03	9.33E-04	7.17E-04	2.39E-04	5.59E-04
7302	624920.62	4265964.53	0.0036439	1.25E-03	3.05E-03	9.38E-04	7.21E-04	2.40E-04	5.62E-04
7303	624920.78	4265954.6	0.0036615	1.26E-03	3.06E-03	9.43E-04	7.25E-04	2.41E-04	5.65E-04
7304	624920.94	4265944.66	0.0036756	1.26E-03	3.07E-03	9.46E-04	7.28E-04	2.42E-04	5.67E-04
7305	624921.11	4265934.73	0.0036857	1.27E-03	3.08E-03	9.49E-04	7.30E-04	2.43E-04	5.69E-04
7306	624921.27	4265924.8	0.0036924	1.27E-03	3.09E-03	9.51E-04	7.31E-04	2.43E-04	5.70E-04
7307	624921.44	4265914.86	0.0036974	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.71E-04
7308	624921.6	4265904.93	0.0036993	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.71E-04
7309	624921.76	4265895	0.0036973	1.27E-03	3.09E-03	9.52E-04	7.32E-04	2.44E-04	5.71E-04
7310	624921.93	4265885.06	0.0036891	1.27E-03	3.08E-03	9.50E-04	7.30E-04	2.43E-04	5.69E-04
7311	624922.09	4265875.13	0.0036778	1.26E-03	3.07E-03	9.47E-04	7.28E-04	2.42E-04	5.68E-04
7312	624922.25	4265865.2	0.0036628	1.26E-03	3.06E-03	9.43E-04	7.25E-04	2.41E-04	5.65E-04
7313	624922.42	4265855.26	0.0036442	1.25E-03	3.05E-03	9.38E-04	7.21E-04	2.40E-04	5.62E-04
7314	624922.58	4265845.33	0.0036231	1.25E-03	3.03E-03	9.33E-04	7.17E-04	2.39E-04	5.59E-04
7315	624922.74	4265835.4	0.0035992	1.24E-03	3.01E-03	9.27E-04	7.12E-04	2.37E-04	5.55E-04
7316	624922.91	4265825.46	0.0035725	1.23E-03	2.99E-03	9.20E-04	7.07E-04	2.35E-04	5.51E-04
7317	624923.07	4265815.53	0.0035441	1.22E-03	2.96E-03	9.12E-04	7.02E-04	2.34E-04	5.47E-04
7318	624923.23	4265805.6	0.0035138	1.21E-03	2.94E-03	9.05E-04	6.96E-04	2.32E-04	5.42E-04
7319	624923.4	4265795.66	0.0034817	1.20E-03	2.91E-03	8.96E-04	6.89E-04	2.29E-04	5.37E-04
7320	624923.56	4265785.73	0.0034488	1.19E-03	2.88E-03	8.88E-04	6.83E-04	2.27E-04	5.32E-04
7321	624923.73	4265775.8	0.0034147	1.17E-03	2.85E-03	8.79E-04	6.76E-04	2.25E-04	5.27E-04
7322	624923.89	4265765.86	0.00338	1.16E-03	2.83E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04
7323	624924.05	4265755.93	0.0033449	1.15E-03	2.80E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04
7324	624924.22	4265746	0.0033088	1.14E-03	2.77E-03	8.52E-04	6.55E-04	2.18E-04	5.11E-04
7325	624924.38	4265736.06	0.0032723	1.13E-03	2.74E-03	8.42E-04	6.48E-04	2.16E-04	5.05E-04
7326	624924.54	4265726.13	0.0032353	1.11E-03	2.70E-03	8.33E-04	6.40E-04	2.13E-04	4.99E-04
7327	624924.71	4265716.2	0.0031977	1.10E-03	2.67E-03	8.23E-04	6.33E-04	2.11E-04	4.93E-04
7328	624924.87	4265706.26	0.0031603	1.09E-03	2.64E-03	8.14E-04	6.26E-04	2.08E-04	4.88E-04

7329	624925.03	4265696.33	0.0031219	1.07E-03	2.61E-03	8.04E-04	6.18E-04	2.06E-04	4.82E-04
7330	624925.2	4265686.4	0.0030819	1.06E-03	2.58E-03	7.93E-04	6.10E-04	2.03E-04	4.76E-04
7331	624925.36	4265676.46	0.0030393	1.05E-03	2.54E-03	7.82E-04	6.02E-04	2.00E-04	4.69E-04
7332	624917.05	4266177.52	0.0027858	9.58E-04	2.33E-03	7.17E-04	5.51E-04	1.84E-04	4.30E-04
7333	624910.08	4266193.58	0.0028384	9.76E-04	2.37E-03	7.31E-04	5.62E-04	1.87E-04	4.38E-04
7334	624862.38	4266225.68	0.0036082	1.24E-03	3.02E-03	9.29E-04	7.14E-04	2.38E-04	5.57E-04
7335	624927.67	4266143.49	0.0027211	9.36E-04	2.27E-03	7.01E-04	5.39E-04	1.79E-04	4.20E-04
7336	624927.84	4266133.56	0.0027549	9.47E-04	2.30E-03	7.09E-04	5.45E-04	1.82E-04	4.25E-04
7337	624928	4266123.63	0.0027897	9.59E-04	2.33E-03	7.18E-04	5.52E-04	1.84E-04	4.30E-04
7338	624928.16	4266113.69	0.002826	9.72E-04	2.36E-03	7.28E-04	5.59E-04	1.86E-04	4.36E-04
7339	624928.33	4266103.76	0.0028634	9.85E-04	2.39E-03	7.37E-04	5.67E-04	1.89E-04	4.42E-04
7340	624928.49	4266093.83	0.0029024	9.98E-04	2.43E-03	7.47E-04	5.74E-04	1.91E-04	4.48E-04
7341	624928.65	4266083.89	0.0029421	1.01E-03	2.46E-03	7.57E-04	5.82E-04	1.94E-04	4.54E-04
7342	624928.82	4266073.96	0.0029818	1.03E-03	2.49E-03	7.68E-04	5.90E-04	1.96E-04	4.60E-04
7343	624928.98	4266064.03	0.0030213	1.04E-03	2.53E-03	7.78E-04	5.98E-04	1.99E-04	4.66E-04
7344	624929.14	4266054.09	0.00306	1.05E-03	2.56E-03	7.88E-04	6.06E-04	2.02E-04	4.72E-04
7345	624929.31	4266044.16	0.0030973	1.07E-03	2.59E-03	7.97E-04	6.13E-04	2.04E-04	4.78E-04
7346	624929.47	4266034.23	0.0031353	1.08E-03	2.62E-03	8.07E-04	6.21E-04	2.07E-04	4.84E-04
7347	624929.64	4266024.29	0.0031712	1.09E-03	2.65E-03	8.16E-04	6.28E-04	2.09E-04	4.89E-04
7348	624929.8	4266014.36	0.0032054	1.10E-03	2.68E-03	8.25E-04	6.34E-04	2.11E-04	4.95E-04
7349	624929.96	4266004.43	0.0032349	1.11E-03	2.70E-03	8.33E-04	6.40E-04	2.13E-04	4.99E-04
7350	624930.13	4265994.49	0.0032616	1.12E-03	2.73E-03	8.40E-04	6.46E-04	2.15E-04	5.03E-04
7351	624930.29	4265984.56	0.003286	1.13E-03	2.75E-03	8.46E-04	6.50E-04	2.17E-04	5.07E-04
7352	624930.45	4265974.63	0.0033077	1.14E-03	2.76E-03	8.52E-04	6.55E-04	2.18E-04	5.10E-04
7353	624930.62	4265964.69	0.0033262	1.14E-03	2.78E-03	8.56E-04	6.58E-04	2.19E-04	5.13E-04
7354	624930.78	4265954.76	0.0033422	1.15E-03	2.79E-03	8.61E-04	6.62E-04	2.20E-04	5.16E-04
7355	624930.94	4265944.83	0.0033551	1.15E-03	2.80E-03	8.64E-04	6.64E-04	2.21E-04	5.18E-04
7356	624931.11	4265934.89	0.0033648	1.16E-03	2.81E-03	8.66E-04	6.66E-04	2.22E-04	5.19E-04
7357	624931.27	4265924.96	0.0033716	1.16E-03	2.82E-03	8.68E-04	6.67E-04	2.22E-04	5.20E-04
7358	624931.43	4265915.03	0.0033777	1.16E-03	2.82E-03	8.70E-04	6.69E-04	2.23E-04	5.21E-04
7359	624931.6	4265905.09	0.0033803	1.16E-03	2.83E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04
7360	624931.76	4265895.16	0.0033803	1.16E-03	2.83E-03	8.70E-04	6.69E-04	2.23E-04	5.22E-04
7361	624931.92	4265885.23	0.0033748	1.16E-03	2.82E-03	8.69E-04	6.68E-04	2.22E-04	5.21E-04
7362	624932.09	4265875.29	0.0033661	1.16E-03	2.81E-03	8.67E-04	6.66E-04	2.22E-04	5.19E-04
7363	624932.25	4265865.36	0.003355	1.15E-03	2.80E-03	8.64E-04	6.64E-04	2.21E-04	5.18E-04
7364	624932.42	4265855.43	0.003341	1.15E-03	2.79E-03	8.60E-04	6.61E-04	2.20E-04	5.16E-04
7365	624932.58	4265845.49	0.0033249	1.14E-03	2.78E-03	8.56E-04	6.58E-04	2.19E-04	5.13E-04
7366	624932.74	4265835.56	0.0033066	1.14E-03	2.76E-03	8.51E-04	6.55E-04	2.18E-04	5.10E-04
7367	624932.91	4265825.63	0.0032861	1.13E-03	2.75E-03	8.46E-04	6.50E-04	2.17E-04	5.07E-04
7368	624933.07	4265815.69	0.003264	1.12E-03	2.73E-03	8.40E-04	6.46E-04	2.15E-04	5.04E-04
7369	624933.23	4265805.76	0.0032405	1.11E-03	2.71E-03	8.34E-04	6.41E-04	2.14E-04	5.00E-04
7370	624933.4	4265795.83	0.0032155	1.11E-03	2.69E-03	8.28E-04	6.36E-04	2.12E-04	4.96E-04
7371	624933.56	4265785.89	0.0031896	1.10E-03	2.67E-03	8.21E-04	6.31E-04	2.10E-04	4.92E-04
7372	624933.72	4265775.96	0.0031628	1.09E-03	2.64E-03	8.14E-04	6.26E-04	2.08E-04	4.88E-04
7373	624933.89	4265766.03	0.003135	1.08E-03	2.62E-03	8.07E-04	6.21E-04	2.07E-04	4.84E-04
7374	624934.05	4265756.09	0.0031066	1.07E-03	2.60E-03	8.00E-04	6.15E-04	2.05E-04	4.79E-04
7375	624934.21	4265746.16	0.0030774	1.06E-03	2.57E-03	7.92E-04	6.09E-04	2.03E-04	4.75E-04
7376	624934.38	4265736.23	0.0030474	1.05E-03	2.55E-03	7.85E-04	6.03E-04	2.01E-04	4.70E-04
7377	624934.54	4265726.29	0.003017	1.04E-03	2.52E-03	7.77E-04	5.97E-04	1.99E-04	4.66E-04
7378	624934.7	4265716.36	0.0029864	1.03E-03	2.50E-03	7.69E-04	5.91E-04	1.97E-04	4.61E-04
7379	624934.87	4265706.43	0.0029559	1.02E-03	2.47E-03	7.61E-04	5.85E-04	1.95E-04	4.56E-04
7380	624935.03	4265696.49	0.0029248	1.01E-03	2.44E-03	7.53E-04	5.79E-04	1.93E-04	4.51E-04

7381	624935.2	4265686.56	0.0028922	9.95E-04	2.42E-03	7.45E-04	5.72E-04	1.91E-04	4.46E-04
7382	624935.36	4265676.63	0.002857	9.82E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04
7383	624925.74	4266180.69	0.0026101	8.98E-04	2.18E-03	6.72E-04	5.17E-04	1.72E-04	4.03E-04
7384	624921.82	4266189.73	0.0026389	9.07E-04	2.21E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04
7385	624917.9	4266198.76	0.0026644	9.16E-04	2.23E-03	6.86E-04	5.27E-04	1.76E-04	4.11E-04
7386	624891.73	4266224.05	0.0029914	1.03E-03	2.50E-03	7.70E-04	5.92E-04	1.97E-04	4.62E-04
7387	624873.4	4266231.27	0.0032894	1.13E-03	2.75E-03	8.47E-04	6.51E-04	2.17E-04	5.08E-04
7388	624864.24	4266234.88	0.0034322	1.18E-03	2.87E-03	8.84E-04	6.79E-04	2.26E-04	5.30E-04
7389	624855.08	4266238.49	0.0035638	1.23E-03	2.98E-03	9.18E-04	7.05E-04	2.35E-04	5.50E-04
7390	624937.67	4266143.66	0.002535	8.72E-04	2.12E-03	6.53E-04	5.02E-04	1.67E-04	3.91E-04
7391	624937.83	4266133.72	0.0025634	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.96E-04
7392	624938	4266123.79	0.0025922	8.91E-04	2.17E-03	6.67E-04	5.13E-04	1.71E-04	4.00E-04
7393	624938.16	4266113.86	0.0026223	9.02E-04	2.19E-03	6.75E-04	5.19E-04	1.73E-04	4.05E-04
7394	624938.33	4266103.92	0.0026535	9.12E-04	2.22E-03	6.83E-04	5.25E-04	1.75E-04	4.09E-04
7395	624938.49	4266093.99	0.002686	9.24E-04	2.25E-03	6.92E-04	5.32E-04	1.77E-04	4.14E-04
7396	624938.65	4266084.06	0.0027193	9.35E-04	2.27E-03	7.00E-04	5.38E-04	1.79E-04	4.20E-04
7397	624938.82	4266074.12	0.0027528	9.47E-04	2.30E-03	7.09E-04	5.45E-04	1.81E-04	4.25E-04
7398	624938.98	4266064.19	0.0027864	9.58E-04	2.33E-03	7.17E-04	5.52E-04	1.84E-04	4.30E-04
7399	624939.14	4266054.26	0.0028193	9.69E-04	2.36E-03	7.26E-04	5.58E-04	1.86E-04	4.35E-04
7400	624939.31	4266044.32	0.0028513	9.80E-04	2.38E-03	7.34E-04	5.64E-04	1.88E-04	4.40E-04
7401	624939.47	4266034.39	0.002884	9.92E-04	2.41E-03	7.43E-04	5.71E-04	1.90E-04	4.45E-04
7402	624939.63	4266024.46	0.0029152	1.00E-03	2.44E-03	7.51E-04	5.77E-04	1.92E-04	4.50E-04
7403	624939.8	4266014.52	0.0029446	1.01E-03	2.46E-03	7.58E-04	5.83E-04	1.94E-04	4.54E-04
7404	624939.96	4266004.59	0.0029701	1.02E-03	2.48E-03	7.65E-04	5.88E-04	1.96E-04	4.58E-04
7405	624940.12	4265994.66	0.0029937	1.03E-03	2.50E-03	7.71E-04	5.93E-04	1.97E-04	4.62E-04
7406	624940.29	4265984.72	0.0030148	1.04E-03	2.52E-03	7.76E-04	5.97E-04	1.99E-04	4.65E-04
7407	624940.45	4265974.79	0.0030338	1.04E-03	2.54E-03	7.81E-04	6.01E-04	2.00E-04	4.68E-04
7408	624940.62	4265964.86	0.0030503	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04
7409	624940.78	4265954.92	0.0030647	1.05E-03	2.56E-03	7.89E-04	6.07E-04	2.02E-04	4.73E-04
7410	624940.94	4265944.99	0.0030765	1.06E-03	2.57E-03	7.92E-04	6.09E-04	2.03E-04	4.75E-04
7411	624941.11	4265935.06	0.0030856	1.06E-03	2.58E-03	7.94E-04	6.11E-04	2.03E-04	4.76E-04
7412	624941.27	4265925.12	0.0030924	1.06E-03	2.58E-03	7.96E-04	6.12E-04	2.04E-04	4.77E-04
7413	624941.43	4265915.19	0.0030988	1.07E-03	2.59E-03	7.98E-04	6.13E-04	2.04E-04	4.78E-04
7414	624941.6	4265905.26	0.0031023	1.07E-03	2.59E-03	7.99E-04	6.14E-04	2.04E-04	4.79E-04
7415	624941.76	4265895.32	0.0031036	1.07E-03	2.59E-03	7.99E-04	6.14E-04	2.04E-04	4.79E-04
7416	624941.92	4265885.39	0.0031003	1.07E-03	2.59E-03	7.98E-04	6.14E-04	2.04E-04	4.78E-04
7417	624942.09	4265875.46	0.0030944	1.06E-03	2.59E-03	7.97E-04	6.13E-04	2.04E-04	4.77E-04
7418	624942.25	4265865.52	0.0030866	1.06E-03	2.58E-03	7.95E-04	6.11E-04	2.03E-04	4.76E-04
7419	624942.41	4265855.59	0.0030766	1.06E-03	2.57E-03	7.92E-04	6.09E-04	2.03E-04	4.75E-04
7420	624942.58	4265845.66	0.0030645	1.05E-03	2.56E-03	7.89E-04	6.07E-04	2.02E-04	4.73E-04
7421	624942.74	4265835.72	0.0030508	1.05E-03	2.55E-03	7.85E-04	6.04E-04	2.01E-04	4.71E-04
7422	624942.9	4265825.79	0.0030356	1.04E-03	2.54E-03	7.82E-04	6.01E-04	2.00E-04	4.68E-04
7423	624943.07	4265815.86	0.0030186	1.04E-03	2.52E-03	7.77E-04	5.97E-04	1.99E-04	4.66E-04
7424	624943.23	4265805.92	0.0030005	1.03E-03	2.51E-03	7.73E-04	5.94E-04	1.98E-04	4.63E-04
7425	624943.4	4265795.99	0.0029811	1.03E-03	2.49E-03	7.68E-04	5.90E-04	1.96E-04	4.60E-04
7426	624943.56	4265786.06	0.0029609	1.02E-03	2.47E-03	7.62E-04	5.86E-04	1.95E-04	4.57E-04
7427	624943.72	4265776.12	0.0029397	1.01E-03	2.46E-03	7.57E-04	5.82E-04	1.94E-04	4.54E-04
7428	624943.89	4265766.19	0.0029174	1.00E-03	2.44E-03	7.51E-04	5.77E-04	1.92E-04	4.50E-04
7429	624944.05	4265756.26	0.0028944	9.95E-04	2.42E-03	7.45E-04	5.73E-04	1.91E-04	4.47E-04
7430	624944.21	4265746.32	0.0028706	9.87E-04	2.40E-03	7.39E-04	5.68E-04	1.89E-04	4.43E-04
7431	624944.38	4265736.39	0.002846	9.79E-04	2.38E-03	7.33E-04	5.63E-04	1.88E-04	4.39E-04
7432	624944.54	4265726.46	0.0028212	9.70E-04	2.36E-03	7.26E-04	5.58E-04	1.86E-04	4.35E-04

7433	624944.7	4265716.52	0.0027961	9.61E-04	2.34E-03	7.20E-04	5.53E-04	1.84E-04	4.31E-04
7434	624944.87	4265706.59	0.0027714	9.53E-04	2.32E-03	7.14E-04	5.49E-04	1.83E-04	4.28E-04
7435	624945.03	4265696.66	0.0027466	9.44E-04	2.30E-03	7.07E-04	5.44E-04	1.81E-04	4.24E-04
7436	624945.19	4265686.72	0.0027203	9.35E-04	2.27E-03	7.00E-04	5.38E-04	1.79E-04	4.20E-04
7437	624945.36	4265676.79	0.0026909	9.25E-04	2.25E-03	6.93E-04	5.33E-04	1.77E-04	4.15E-04
7438	624936.07	4266180.11	0.0024401	8.39E-04	2.04E-03	6.28E-04	4.83E-04	1.61E-04	3.77E-04
7439	624932.26	4266188.89	0.0024672	8.48E-04	2.06E-03	6.35E-04	4.88E-04	1.63E-04	3.81E-04
7440	624928.44	4266197.67	0.002492	8.57E-04	2.08E-03	6.42E-04	4.93E-04	1.64E-04	3.85E-04
7441	624908.1	4266227.53	0.0026707	9.18E-04	2.23E-03	6.88E-04	5.29E-04	1.76E-04	4.12E-04
7442	624899.19	4266231.04	0.0027983	9.62E-04	2.34E-03	7.20E-04	5.54E-04	1.84E-04	4.32E-04
7443	624890.28	4266234.55	0.0029282	1.01E-03	2.45E-03	7.54E-04	5.80E-04	1.93E-04	4.52E-04
7444	624881.37	4266238.06	0.0030577	1.05E-03	2.56E-03	7.87E-04	6.05E-04	2.01E-04	4.72E-04
7445	624872.46	4266241.57	0.0031837	1.09E-03	2.66E-03	8.20E-04	6.30E-04	2.10E-04	4.91E-04
7446	624863.55	4266245.08	0.0033022	1.14E-03	2.76E-03	8.50E-04	6.54E-04	2.18E-04	5.10E-04
7447	624854.64	4266248.59	0.0034096	1.17E-03	2.85E-03	8.78E-04	6.75E-04	2.25E-04	5.26E-04
7448	624947.67	4266143.82	0.0023686	8.14E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.65E-04
7449	624947.83	4266133.89	0.0023923	8.23E-04	2.00E-03	6.16E-04	4.74E-04	1.58E-04	3.69E-04
7450	624948	4266123.96	0.0024163	8.31E-04	2.02E-03	6.22E-04	4.78E-04	1.59E-04	3.73E-04
7451	624948.16	4266114.02	0.0024415	8.40E-04	2.04E-03	6.29E-04	4.83E-04	1.61E-04	3.77E-04
7452	624948.32	4266104.09	0.0024677	8.49E-04	2.06E-03	6.35E-04	4.88E-04	1.63E-04	3.81E-04
7453	624948.49	4266094.16	0.0024948	8.58E-04	2.09E-03	6.42E-04	4.94E-04	1.64E-04	3.85E-04
7454	624948.65	4266084.22	0.0025229	8.68E-04	2.11E-03	6.50E-04	4.99E-04	1.66E-04	3.89E-04
7455	624948.81	4266074.29	0.0025514	8.77E-04	2.13E-03	6.57E-04	5.05E-04	1.68E-04	3.94E-04
7456	624948.98	4266064.36	0.0025797	8.87E-04	2.16E-03	6.64E-04	5.11E-04	1.70E-04	3.98E-04
7457	624949.14	4266054.42	0.0026079	8.97E-04	2.18E-03	6.71E-04	5.16E-04	1.72E-04	4.02E-04
7458	624949.31	4266044.49	0.0026354	9.06E-04	2.20E-03	6.79E-04	5.22E-04	1.74E-04	4.07E-04
7459	624949.47	4266034.56	0.0026636	9.16E-04	2.23E-03	6.86E-04	5.27E-04	1.75E-04	4.11E-04
7460	624949.63	4266024.62	0.0026908	9.25E-04	2.25E-03	6.93E-04	5.33E-04	1.77E-04	4.15E-04
7461	624949.8	4266014.69	0.0027163	9.34E-04	2.27E-03	6.99E-04	5.38E-04	1.79E-04	4.19E-04
7462	624949.96	4266004.76	0.0027386	9.42E-04	2.29E-03	7.05E-04	5.42E-04	1.80E-04	4.23E-04
7463	624950.12	4265994.82	0.0027591	9.49E-04	2.31E-03	7.10E-04	5.46E-04	1.82E-04	4.26E-04
7464	624950.29	4265984.89	0.0027777	9.55E-04	2.32E-03	7.15E-04	5.50E-04	1.83E-04	4.29E-04
7465	624950.45	4265974.96	0.0027945	9.61E-04	2.34E-03	7.19E-04	5.53E-04	1.84E-04	4.31E-04
7466	624950.61	4265965.02	0.0028095	9.66E-04	2.35E-03	7.23E-04	5.56E-04	1.85E-04	4.34E-04
7467	624950.78	4265955.09	0.0028221	9.70E-04	2.36E-03	7.27E-04	5.59E-04	1.86E-04	4.35E-04
7468	624950.94	4265945.16	0.002833	9.74E-04	2.37E-03	7.29E-04	5.61E-04	1.87E-04	4.37E-04
7469	624951.1	4265935.22	0.0028418	9.77E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04
7470	624951.27	4265925.29	0.0028483	9.79E-04	2.38E-03	7.33E-04	5.64E-04	1.88E-04	4.40E-04
7471	624951.43	4265915.36	0.0028547	9.82E-04	2.39E-03	7.35E-04	5.65E-04	1.88E-04	4.40E-04
7472	624951.59	4265905.42	0.0028591	9.83E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04
7473	624951.76	4265895.49	0.0028613	9.84E-04	2.39E-03	7.37E-04	5.66E-04	1.89E-04	4.42E-04
7474	624951.92	4265885.56	0.0028598	9.83E-04	2.39E-03	7.36E-04	5.66E-04	1.88E-04	4.41E-04
7475	624952.09	4265875.62	0.0028562	9.82E-04	2.39E-03	7.35E-04	5.65E-04	1.88E-04	4.41E-04
7476	624952.25	4265865.69	0.0028511	9.80E-04	2.38E-03	7.34E-04	5.64E-04	1.88E-04	4.40E-04
7477	624952.41	4265855.76	0.0028443	9.78E-04	2.38E-03	7.32E-04	5.63E-04	1.87E-04	4.39E-04
7478	624952.58	4265845.82	0.0028357	9.75E-04	2.37E-03	7.30E-04	5.61E-04	1.87E-04	4.38E-04
7479	624952.74	4265835.89	0.0028258	9.72E-04	2.36E-03	7.28E-04	5.59E-04	1.86E-04	4.36E-04
7480	624952.9	4265825.96	0.0028145	9.68E-04	2.35E-03	7.25E-04	5.57E-04	1.85E-04	4.34E-04
7481	624953.07	4265816.02	0.0028018	9.63E-04	2.34E-03	7.21E-04	5.55E-04	1.85E-04	4.32E-04
7482	624953.23	4265806.09	0.0027881	9.59E-04	2.33E-03	7.18E-04	5.52E-04	1.84E-04	4.30E-04
7483	624953.39	4265796.16	0.0027734	9.54E-04	2.32E-03	7.14E-04	5.49E-04	1.83E-04	4.28E-04
7484	624953.56	4265786.22	0.0027574	9.48E-04	2.30E-03	7.10E-04	5.46E-04	1.82E-04	4.25E-04

7485	624953.72	4265776.29	0.0027407	9.42E-04	2.29E-03	7.06E-04	5.42E-04	1.81E-04	4.23E-04
7486	624953.88	4265766.36	0.002723	9.36E-04	2.28E-03	7.01E-04	5.39E-04	1.79E-04	4.20E-04
7487	624954.05	4265756.42	0.0027043	9.30E-04	2.26E-03	6.96E-04	5.35E-04	1.78E-04	4.17E-04
7488	624954.21	4265746.49	0.0026849	9.23E-04	2.24E-03	6.91E-04	5.31E-04	1.77E-04	4.14E-04
7489	624954.38	4265736.56	0.0026648	9.16E-04	2.23E-03	6.86E-04	5.27E-04	1.76E-04	4.11E-04
7490	624954.54	4265726.62	0.0026445	9.09E-04	2.21E-03	6.81E-04	5.23E-04	1.74E-04	4.08E-04
7491	624954.7	4265716.69	0.002624	9.02E-04	2.19E-03	6.76E-04	5.19E-04	1.73E-04	4.05E-04
7492	624954.87	4265706.76	0.0026042	8.96E-04	2.18E-03	6.70E-04	5.15E-04	1.72E-04	4.02E-04
7493	624955.03	4265696.82	0.0025842	8.89E-04	2.16E-03	6.65E-04	5.12E-04	1.70E-04	3.99E-04
7494	624955.19	4265686.89	0.0025631	8.81E-04	2.14E-03	6.60E-04	5.07E-04	1.69E-04	3.95E-04
7495	624955.36	4265676.96	0.0025389	8.73E-04	2.12E-03	6.54E-04	5.03E-04	1.67E-04	3.92E-04
7496	624961.07	4266180.52	0.0020885	7.18E-04	1.75E-03	5.38E-04	4.13E-04	1.38E-04	3.22E-04
7497	624957.25	4266189.3	0.0021129	7.27E-04	1.77E-03	5.44E-04	4.18E-04	1.39E-04	3.26E-04
7498	624953.44	4266198.08	0.0021354	7.34E-04	1.78E-03	5.50E-04	4.23E-04	1.41E-04	3.30E-04
7499	624942	4266224.44	0.0021919	7.54E-04	1.83E-03	5.64E-04	4.34E-04	1.44E-04	3.38E-04
7500	624938.19	4266233.22	0.0022063	7.59E-04	1.84E-03	5.68E-04	4.37E-04	1.45E-04	3.40E-04
7501	624925.47	4266245.51	0.0023149	7.96E-04	1.93E-03	5.96E-04	4.58E-04	1.53E-04	3.57E-04
7502	624916.56	4266249.02	0.0024146	8.30E-04	2.02E-03	6.22E-04	4.78E-04	1.59E-04	3.73E-04
7503	624907.65	4266252.53	0.0025158	8.65E-04	2.10E-03	6.48E-04	4.98E-04	1.66E-04	3.88E-04
7504	624898.74	4266256.04	0.0026169	9.00E-04	2.19E-03	6.74E-04	5.18E-04	1.72E-04	4.04E-04
7505	624889.83	4266259.55	0.0027162	9.34E-04	2.27E-03	6.99E-04	5.38E-04	1.79E-04	4.19E-04
7506	624880.92	4266263.05	0.0028116	9.67E-04	2.35E-03	7.24E-04	5.57E-04	1.85E-04	4.34E-04
7507	624872.02	4266266.56	0.0029007	9.97E-04	2.42E-03	7.47E-04	5.74E-04	1.91E-04	4.48E-04
7508	624863.11	4266270.07	0.0029821	1.03E-03	2.49E-03	7.68E-04	5.90E-04	1.96E-04	4.60E-04
7509	624854.2	4266273.58	0.003054	1.05E-03	2.55E-03	7.86E-04	6.05E-04	2.01E-04	4.71E-04
7510	624972.67	4266144.23	0.0020209	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04
7511	624972.83	4266134.3	0.0020362	7.00E-04	1.70E-03	5.24E-04	4.03E-04	1.34E-04	3.14E-04
7512	624972.99	4266124.37	0.0020518	7.06E-04	1.71E-03	5.28E-04	4.06E-04	1.35E-04	3.17E-04
7513	624973.16	4266114.43	0.0020678	7.11E-04	1.73E-03	5.32E-04	4.09E-04	1.36E-04	3.19E-04
7514	624973.32	4266104.5	0.0020848	7.17E-04	1.74E-03	5.37E-04	4.13E-04	1.37E-04	3.22E-04
7515	624973.48	4266094.57	0.0021026	7.23E-04	1.76E-03	5.41E-04	4.16E-04	1.39E-04	3.24E-04
7516	624973.65	4266084.63	0.0021209	7.29E-04	1.77E-03	5.46E-04	4.20E-04	1.40E-04	3.27E-04
7517	624973.81	4266074.7	0.00214	7.36E-04	1.79E-03	5.51E-04	4.24E-04	1.41E-04	3.30E-04
7518	624973.97	4266064.77	0.0021593	7.43E-04	1.80E-03	5.56E-04	4.27E-04	1.42E-04	3.33E-04
7519	624974.14	4266054.83	0.0021785	7.49E-04	1.82E-03	5.61E-04	4.31E-04	1.44E-04	3.36E-04
7520	624974.3	4266044.9	0.0021978	7.56E-04	1.84E-03	5.66E-04	4.35E-04	1.45E-04	3.39E-04
7521	624974.47	4266034.97	0.0022177	7.63E-04	1.85E-03	5.71E-04	4.39E-04	1.46E-04	3.42E-04
7522	624974.63	4266025.03	0.0022372	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04
7523	624974.79	4266015.1	0.0022559	7.76E-04	1.89E-03	5.81E-04	4.47E-04	1.49E-04	3.48E-04
7524	624974.96	4266005.17	0.0022718	7.81E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04
7525	624975.12	4265995.23	0.0022869	7.86E-04	1.91E-03	5.89E-04	4.53E-04	1.51E-04	3.53E-04
7526	624975.28	4265985.3	0.0023008	7.91E-04	1.92E-03	5.92E-04	4.55E-04	1.52E-04	3.55E-04
7527	624975.45	4265975.37	0.0023133	7.95E-04	1.93E-03	5.96E-04	4.58E-04	1.52E-04	3.57E-04
7528	624975.61	4265965.43	0.0023248	7.99E-04	1.94E-03	5.99E-04	4.60E-04	1.53E-04	3.59E-04
7529	624975.77	4265955.5	0.002335	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04
7530	624975.94	4265945.57	0.0023437	8.06E-04	1.96E-03	6.03E-04	4.64E-04	1.54E-04	3.62E-04
7531	624976.1	4265935.63	0.0023513	8.09E-04	1.97E-03	6.05E-04	4.65E-04	1.55E-04	3.63E-04
7532	624976.26	4265925.7	0.0023577	8.11E-04	1.97E-03	6.07E-04	4.67E-04	1.55E-04	3.64E-04
7533	624976.43	4265915.77	0.0023641	8.13E-04	1.98E-03	6.09E-04	4.68E-04	1.56E-04	3.65E-04
7534	624976.59	4265905.83	0.0023695	8.15E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.66E-04
7535	624976.76	4265895.9	0.0023736	8.16E-04	1.98E-03	6.11E-04	4.70E-04	1.56E-04	3.66E-04
7536	624976.92	4265885.97	0.0023754	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.57E-04	3.67E-04

7537	624977.08	4265876.03	0.002376	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.57E-04	3.67E-04
7538	624977.25	4265866.1	0.0023754	8.17E-04	1.99E-03	6.12E-04	4.70E-04	1.57E-04	3.67E-04
7539	624977.41	4265856.17	0.0023739	8.16E-04	1.98E-03	6.11E-04	4.70E-04	1.56E-04	3.66E-04
7540	624977.57	4265846.23	0.0023714	8.15E-04	1.98E-03	6.11E-04	4.69E-04	1.56E-04	3.66E-04
7541	624977.74	4265836.3	0.0023678	8.14E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.65E-04
7542	624977.9	4265826.37	0.0023633	8.13E-04	1.98E-03	6.08E-04	4.68E-04	1.56E-04	3.65E-04
7543	624978.06	4265816.43	0.0023579	8.11E-04	1.97E-03	6.07E-04	4.67E-04	1.55E-04	3.64E-04
7544	624978.23	4265806.5	0.0023515	8.09E-04	1.97E-03	6.05E-04	4.65E-04	1.55E-04	3.63E-04
7545	624978.39	4265796.57	0.0023442	8.06E-04	1.96E-03	6.04E-04	4.64E-04	1.54E-04	3.62E-04
7546	624978.55	4265786.63	0.0023359	8.03E-04	1.95E-03	6.01E-04	4.62E-04	1.54E-04	3.60E-04
7547	624978.72	4265776.7	0.0023266	8.00E-04	1.94E-03	5.99E-04	4.61E-04	1.53E-04	3.59E-04
7548	624978.88	4265766.77	0.0023165	7.97E-04	1.94E-03	5.96E-04	4.59E-04	1.53E-04	3.57E-04
7549	624979.04	4265756.83	0.0023056	7.93E-04	1.93E-03	5.94E-04	4.56E-04	1.52E-04	3.56E-04
7550	624979.21	4265746.9	0.0022939	7.89E-04	1.92E-03	5.91E-04	4.54E-04	1.51E-04	3.54E-04
7551	624979.37	4265736.97	0.0022828	7.85E-04	1.91E-03	5.88E-04	4.52E-04	1.50E-04	3.52E-04
7552	624979.54	4265727.03	0.0022716	7.81E-04	1.90E-03	5.85E-04	4.50E-04	1.50E-04	3.51E-04
7553	624979.7	4265717.1	0.0022606	7.77E-04	1.89E-03	5.82E-04	4.47E-04	1.49E-04	3.49E-04
7554	624979.86	4265707.17	0.0022488	7.73E-04	1.88E-03	5.79E-04	4.45E-04	1.48E-04	3.47E-04
7555	624980.03	4265697.23	0.0022362	7.69E-04	1.87E-03	5.76E-04	4.43E-04	1.47E-04	3.45E-04
7556	624980.19	4265687.3	0.002223	7.64E-04	1.86E-03	5.72E-04	4.40E-04	1.46E-04	3.43E-04
7557	624980.35	4265677.37	0.002208	7.59E-04	1.85E-03	5.68E-04	4.37E-04	1.45E-04	3.41E-04
7558	624986.06	4266180.93	0.00181	6.22E-04	1.51E-03	4.66E-04	3.58E-04	1.19E-04	2.79E-04
7559	624982.25	4266189.71	0.0018316	6.30E-04	1.53E-03	4.72E-04	3.63E-04	1.21E-04	2.83E-04
7560	624978.44	4266198.5	0.0018518	6.37E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04
7561	624967	4266224.85	0.0019049	6.55E-04	1.59E-03	4.90E-04	3.77E-04	1.26E-04	2.94E-04
7562	624963.19	4266233.63	0.0019201	6.60E-04	1.60E-03	4.94E-04	3.80E-04	1.27E-04	2.96E-04
7563	624959.38	4266242.41	0.0019336	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.98E-04
7564	624955.56	4266251.2	0.0019453	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04
7565	624942.84	4266263.49	0.0020334	6.99E-04	1.70E-03	5.24E-04	4.02E-04	1.34E-04	3.14E-04
7566	624933.93	4266267	0.0021138	7.27E-04	1.77E-03	5.44E-04	4.18E-04	1.39E-04	3.26E-04
7567	624925.02	4266270.51	0.0021952	7.55E-04	1.83E-03	5.65E-04	4.35E-04	1.45E-04	3.39E-04
7568	624916.11	4266274.02	0.0022766	7.83E-04	1.90E-03	5.86E-04	4.51E-04	1.50E-04	3.51E-04
7569	624907.21	4266277.52	0.0023571	8.11E-04	1.97E-03	6.07E-04	4.67E-04	1.55E-04	3.64E-04
7570	624898.3	4266281.03	0.0024353	8.37E-04	2.04E-03	6.27E-04	4.82E-04	1.60E-04	3.76E-04
7571	624889.39	4266284.54	0.0025099	8.63E-04	2.10E-03	6.46E-04	4.97E-04	1.65E-04	3.87E-04
7572	624880.48	4266288.05	0.0025799	8.87E-04	2.16E-03	6.64E-04	5.11E-04	1.70E-04	3.98E-04
7573	624997.66	4266144.65	0.0017475	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04
7574	624997.83	4266134.71	0.0017573	6.04E-04	1.47E-03	4.52E-04	3.48E-04	1.16E-04	2.71E-04
7575	624997.99	4266124.78	0.0017674	6.08E-04	1.48E-03	4.55E-04	3.50E-04	1.16E-04	2.73E-04
7576	624998.15	4266114.85	0.0017779	6.11E-04	1.49E-03	4.58E-04	3.52E-04	1.17E-04	2.74E-04
7577	624998.32	4266104.91	0.001789	6.15E-04	1.50E-03	4.61E-04	3.54E-04	1.18E-04	2.76E-04
7578	624998.48	4266094.98	0.0018008	6.19E-04	1.51E-03	4.64E-04	3.56E-04	1.19E-04	2.78E-04
7579	624998.64	4266085.05	0.0018132	6.24E-04	1.52E-03	4.67E-04	3.59E-04	1.19E-04	2.80E-04
7580	624998.81	4266075.11	0.0018261	6.28E-04	1.53E-03	4.70E-04	3.61E-04	1.20E-04	2.82E-04
7581	624998.97	4266065.18	0.00184	6.33E-04	1.54E-03	4.74E-04	3.64E-04	1.21E-04	2.84E-04
7582	624999.14	4266055.25	0.0018542	6.38E-04	1.55E-03	4.77E-04	3.67E-04	1.22E-04	2.86E-04
7583	624999.3	4266045.31	0.0018685	6.43E-04	1.56E-03	4.81E-04	3.70E-04	1.23E-04	2.88E-04
7584	624999.46	4266035.38	0.0018825	6.47E-04	1.57E-03	4.85E-04	3.73E-04	1.24E-04	2.90E-04
7585	624999.63	4266025.45	0.0018962	6.52E-04	1.58E-03	4.88E-04	3.75E-04	1.25E-04	2.93E-04
7586	624999.79	4266015.51	0.0019095	6.57E-04	1.60E-03	4.92E-04	3.78E-04	1.26E-04	2.95E-04
7587	624999.95	4266005.58	0.0019216	6.61E-04	1.61E-03	4.95E-04	3.80E-04	1.27E-04	2.97E-04
7588	625000.12	4265995.65	0.001933	6.65E-04	1.62E-03	4.98E-04	3.83E-04	1.27E-04	2.98E-04

7589	625000.28	4265985.71	0.0019438	6.68E-04	1.62E-03	5.00E-04	3.85E-04	1.28E-04	3.00E-04
7590	625000.44	4265975.78	0.0019538	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.01E-04
7591	625000.61	4265965.85	0.001963	6.75E-04	1.64E-03	5.05E-04	3.89E-04	1.29E-04	3.03E-04
7592	625000.77	4265955.91	0.0019715	6.78E-04	1.65E-03	5.08E-04	3.90E-04	1.30E-04	3.04E-04
7593	625000.93	4265945.98	0.0019799	6.81E-04	1.65E-03	5.10E-04	3.92E-04	1.30E-04	3.06E-04
7594	625001.1	4265936.05	0.0019875	6.83E-04	1.66E-03	5.12E-04	3.93E-04	1.31E-04	3.07E-04
7595	625001.26	4265926.11	0.0019945	6.86E-04	1.67E-03	5.14E-04	3.95E-04	1.31E-04	3.08E-04
7596	625001.42	4265916.18	0.0020006	6.88E-04	1.67E-03	5.15E-04	3.96E-04	1.32E-04	3.09E-04
7597	625001.59	4265906.25	0.0020058	6.90E-04	1.68E-03	5.16E-04	3.97E-04	1.32E-04	3.10E-04
7598	625001.75	4265896.31	0.0020105	6.91E-04	1.68E-03	5.18E-04	3.98E-04	1.32E-04	3.10E-04
7599	625001.92	4265886.38	0.0020137	6.92E-04	1.68E-03	5.18E-04	3.99E-04	1.33E-04	3.11E-04
7600	625002.08	4265876.45	0.0020164	6.93E-04	1.69E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04
7601	625002.24	4265866.51	0.0020185	6.94E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.11E-04
7602	625002.41	4265856.58	0.0020196	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04
7603	625002.57	4265846.65	0.0020203	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04
7604	625002.73	4265836.71	0.0020202	6.95E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04
7605	625002.9	4265826.78	0.0020192	6.94E-04	1.69E-03	5.20E-04	4.00E-04	1.33E-04	3.12E-04
7606	625003.06	4265816.85	0.0020175	6.94E-04	1.69E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04
7607	625003.22	4265806.91	0.0020151	6.93E-04	1.68E-03	5.19E-04	3.99E-04	1.33E-04	3.11E-04
7608	625003.39	4265796.98	0.0020116	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.10E-04
7609	625003.55	4265787.05	0.0020075	6.90E-04	1.68E-03	5.17E-04	3.97E-04	1.32E-04	3.10E-04
7610	625003.71	4265777.11	0.0020025	6.89E-04	1.67E-03	5.16E-04	3.96E-04	1.32E-04	3.09E-04
7611	625003.88	4265767.18	0.0019972	6.87E-04	1.67E-03	5.14E-04	3.95E-04	1.32E-04	3.08E-04
7612	625004.04	4265757.25	0.0019915	6.85E-04	1.66E-03	5.13E-04	3.94E-04	1.31E-04	3.07E-04
7613	625004.2	4265747.31	0.0019855	6.83E-04	1.66E-03	5.11E-04	3.93E-04	1.31E-04	3.06E-04
7614	625004.37	4265737.38	0.0019791	6.81E-04	1.65E-03	5.10E-04	3.92E-04	1.30E-04	3.05E-04
7615	625004.53	4265727.45	0.0019727	6.78E-04	1.65E-03	5.08E-04	3.90E-04	1.30E-04	3.04E-04
7616	625004.7	4265717.51	0.0019663	6.76E-04	1.64E-03	5.06E-04	3.89E-04	1.30E-04	3.03E-04
7617	625004.86	4265707.58	0.0019598	6.74E-04	1.64E-03	5.05E-04	3.88E-04	1.29E-04	3.02E-04
7618	625005.02	4265697.65	0.001953	6.72E-04	1.63E-03	5.03E-04	3.87E-04	1.29E-04	3.01E-04
7619	625005.19	4265687.71	0.0019453	6.69E-04	1.63E-03	5.01E-04	3.85E-04	1.28E-04	3.00E-04
7620	625005.35	4265677.78	0.0019366	6.66E-04	1.62E-03	4.99E-04	3.83E-04	1.28E-04	2.99E-04
7621	625011.06	4266181.34	0.001585	5.45E-04	1.32E-03	4.08E-04	3.14E-04	1.04E-04	2.45E-04
7622	625007.25	4266190.12	0.0016042	5.52E-04	1.34E-03	4.13E-04	3.18E-04	1.06E-04	2.48E-04
7623	625003.43	4266198.91	0.0016223	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04
7624	624988.18	4266234.04	0.0016849	5.79E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04
7625	624984.37	4266242.83	0.0016985	5.84E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04
7626	624980.56	4266251.61	0.001711	5.88E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04
7627	624976.75	4266260.39	0.0017223	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04
7628	624972.93	4266269.18	0.0017322	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04
7629	624960.21	4266281.47	0.0018054	6.21E-04	1.51E-03	4.65E-04	3.57E-04	1.19E-04	2.79E-04
7630	624951.3	4266284.98	0.0018717	6.44E-04	1.56E-03	4.82E-04	3.70E-04	1.23E-04	2.89E-04
7631	624888.94	4266309.54	0.0023176	7.97E-04	1.94E-03	5.97E-04	4.59E-04	1.53E-04	3.58E-04
7632	624880.03	4266313.05	0.0023696	8.15E-04	1.98E-03	6.10E-04	4.69E-04	1.56E-04	3.66E-04
7633	624871.12	4266316.56	0.0024164	8.31E-04	2.02E-03	6.22E-04	4.78E-04	1.59E-04	3.73E-04
7634	624862.21	4266320.06	0.0024576	8.45E-04	2.05E-03	6.33E-04	4.86E-04	1.62E-04	3.79E-04
7635	624853.3	4266323.57	0.0024927	8.57E-04	2.08E-03	6.42E-04	4.93E-04	1.64E-04	3.85E-04
7636	625022.66	4266145.06	0.0015281	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04
7637	625022.82	4266135.12	0.0015346	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04
7638	625022.99	4266125.19	0.0015411	5.30E-04	1.29E-03	3.97E-04	3.05E-04	1.02E-04	2.38E-04
7639	625023.15	4266115.26	0.001548	5.32E-04	1.29E-03	3.99E-04	3.06E-04	1.02E-04	2.39E-04
7640	625023.31	4266105.32	0.0015554	5.35E-04	1.30E-03	4.00E-04	3.08E-04	1.02E-04	2.40E-04

7641	625023.48	4266095.39	0.0015632	5.38E-04	1.31E-03	4.02E-04	3.09E-04	1.03E-04	2.41E-04
7642	625023.64	4266085.46	0.0015717	5.40E-04	1.31E-03	4.05E-04	3.11E-04	1.04E-04	2.43E-04
7643	625023.8	4266075.52	0.0015807	5.44E-04	1.32E-03	4.07E-04	3.13E-04	1.04E-04	2.44E-04
7644	625023.97	4266065.59	0.001591	5.47E-04	1.33E-03	4.10E-04	3.15E-04	1.05E-04	2.45E-04
7645	625024.13	4266055.66	0.0016018	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.06E-04	2.47E-04
7646	625024.3	4266045.72	0.0016127	5.55E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04
7647	625024.46	4266035.79	0.0016228	5.58E-04	1.36E-03	4.18E-04	3.21E-04	1.07E-04	2.50E-04
7648	625024.62	4266025.86	0.0016326	5.61E-04	1.36E-03	4.20E-04	3.23E-04	1.08E-04	2.52E-04
7649	625024.79	4266015.92	0.0016423	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.53E-04
7650	625024.95	4266005.99	0.0016517	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04
7651	625025.11	4265996.06	0.0016608	5.71E-04	1.39E-03	4.28E-04	3.29E-04	1.09E-04	2.56E-04
7652	625025.28	4265986.12	0.0016695	5.74E-04	1.40E-03	4.30E-04	3.30E-04	1.10E-04	2.58E-04
7653	625025.44	4265976.19	0.0016779	5.77E-04	1.40E-03	4.32E-04	3.32E-04	1.11E-04	2.59E-04
7654	625025.6	4265966.26	0.0016859	5.80E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04
7655	625025.77	4265956.32	0.0016934	5.82E-04	1.42E-03	4.36E-04	3.35E-04	1.12E-04	2.61E-04
7656	625025.93	4265946.39	0.0017014	5.85E-04	1.42E-03	4.38E-04	3.37E-04	1.12E-04	2.63E-04
7657	625026.09	4265936.46	0.0017092	5.88E-04	1.43E-03	4.40E-04	3.38E-04	1.13E-04	2.64E-04
7658	625026.26	4265926.52	0.0017164	5.90E-04	1.43E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04
7659	625026.42	4265916.59	0.0017223	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04
7660	625026.58	4265906.66	0.0017275	5.94E-04	1.44E-03	4.45E-04	3.42E-04	1.14E-04	2.67E-04
7661	625026.75	4265896.72	0.0017322	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04
7662	625026.91	4265886.79	0.0017365	5.97E-04	1.45E-03	4.47E-04	3.44E-04	1.14E-04	2.68E-04
7663	625027.08	4265876.86	0.0017402	5.98E-04	1.45E-03	4.48E-04	3.44E-04	1.15E-04	2.69E-04
7664	625027.24	4265866.92	0.0017434	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04
7665	625027.4	4265856.99	0.0017461	6.00E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.69E-04
7666	625027.57	4265847.06	0.0017481	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04
7667	625027.73	4265837.12	0.0017496	6.02E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04
7668	625027.89	4265827.19	0.0017507	6.02E-04	1.46E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04
7669	625028.06	4265817.26	0.0017512	6.02E-04	1.46E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04
7670	625028.22	4265807.32	0.001751	6.02E-04	1.46E-03	4.51E-04	3.47E-04	1.15E-04	2.70E-04
7671	625028.38	4265797.39	0.0017497	6.02E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04
7672	625028.55	4265787.46	0.0017476	6.01E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04
7673	625028.71	4265777.52	0.0017449	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04
7674	625028.87	4265767.59	0.001742	5.99E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04
7675	625029.04	4265757.66	0.0017389	5.98E-04	1.45E-03	4.48E-04	3.44E-04	1.15E-04	2.68E-04
7676	625029.2	4265747.72	0.0017357	5.97E-04	1.45E-03	4.47E-04	3.44E-04	1.14E-04	2.68E-04
7677	625029.37	4265737.79	0.0017322	5.96E-04	1.45E-03	4.46E-04	3.43E-04	1.14E-04	2.67E-04
7678	625029.53	4265727.86	0.0017289	5.95E-04	1.45E-03	4.45E-04	3.42E-04	1.14E-04	2.67E-04
7679	625029.69	4265717.92	0.0017259	5.93E-04	1.44E-03	4.44E-04	3.42E-04	1.14E-04	2.66E-04
7680	625029.86	4265707.99	0.0017228	5.92E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04
7681	625030.02	4265698.06	0.0017196	5.91E-04	1.44E-03	4.43E-04	3.40E-04	1.13E-04	2.65E-04
7682	625030.18	4265688.12	0.0017159	5.90E-04	1.43E-03	4.42E-04	3.40E-04	1.13E-04	2.65E-04
7683	625030.35	4265678.19	0.0017111	5.88E-04	1.43E-03	4.41E-04	3.39E-04	1.13E-04	2.64E-04
7684	625036.06	4266181.75	0.0014008	4.82E-04	1.17E-03	3.61E-04	2.77E-04	9.23E-05	2.16E-04
7685	625032.24	4266190.54	0.0014177	4.88E-04	1.18E-03	3.65E-04	2.81E-04	9.34E-05	2.19E-04
7686	625028.43	4266199.32	0.0014337	4.93E-04	1.20E-03	3.69E-04	2.84E-04	9.45E-05	2.21E-04
7687	625024.62	4266208.1	0.0014488	4.98E-04	1.21E-03	3.73E-04	2.87E-04	9.55E-05	2.24E-04
7688	625020.81	4266216.89	0.0014631	5.03E-04	1.22E-03	3.77E-04	2.90E-04	9.64E-05	2.26E-04
7689	625016.99	4266225.67	0.0014769	5.08E-04	1.23E-03	3.80E-04	2.92E-04	9.73E-05	2.28E-04
7690	625013.18	4266234.45	0.00149	5.12E-04	1.25E-03	3.84E-04	2.95E-04	9.82E-05	2.30E-04
7691	624994.12	4266278.37	0.0015468	5.32E-04	1.29E-03	3.98E-04	3.06E-04	1.02E-04	2.39E-04
7692	624990.31	4266287.15	0.0015554	5.35E-04	1.30E-03	4.00E-04	3.08E-04	1.02E-04	2.40E-04

7693	624950.86	4266309.97	0.0017859	6.14E-04	1.49E-03	4.60E-04	3.53E-04	1.18E-04	2.76E-04
7694	624941.95	4266313.48	0.001842	6.33E-04	1.54E-03	4.74E-04	3.65E-04	1.21E-04	2.84E-04
7695	624933.04	4266316.99	0.0018973	6.52E-04	1.59E-03	4.88E-04	3.76E-04	1.25E-04	2.93E-04
7696	624924.13	4266320.5	0.0019511	6.71E-04	1.63E-03	5.02E-04	3.86E-04	1.29E-04	3.01E-04
7697	624897.4	4266331.03	0.0020989	7.22E-04	1.75E-03	5.40E-04	4.15E-04	1.38E-04	3.24E-04
7698	624888.49	4266334.53	0.0021419	7.37E-04	1.79E-03	5.51E-04	4.24E-04	1.41E-04	3.31E-04
7699	624879.59	4266338.04	0.0021807	7.50E-04	1.82E-03	5.61E-04	4.32E-04	1.44E-04	3.36E-04
7700	624870.68	4266341.55	0.0022152	7.62E-04	1.85E-03	5.70E-04	4.38E-04	1.46E-04	3.42E-04
7701	624861.77	4266345.06	0.0022451	7.72E-04	1.88E-03	5.78E-04	4.44E-04	1.48E-04	3.46E-04
7702	624852.86	4266348.57	0.0022703	7.81E-04	1.90E-03	5.85E-04	4.49E-04	1.50E-04	3.50E-04
7703	625047.66	4266145.47	0.0013495	4.64E-04	1.13E-03	3.47E-04	2.67E-04	8.89E-05	2.08E-04
7704	625047.82	4266135.54	0.0013537	4.65E-04	1.13E-03	3.49E-04	2.68E-04	8.92E-05	2.09E-04
7705	625047.98	4266125.6	0.0013579	4.67E-04	1.13E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04
7706	625048.15	4266115.67	0.0013623	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04
7707	625048.31	4266105.74	0.0013672	4.70E-04	1.14E-03	3.52E-04	2.71E-04	9.01E-05	2.11E-04
7708	625048.47	4266095.8	0.0013727	4.72E-04	1.15E-03	3.53E-04	2.72E-04	9.04E-05	2.12E-04
7709	625048.64	4266085.87	0.0013787	4.74E-04	1.15E-03	3.55E-04	2.73E-04	9.08E-05	2.13E-04
7710	625048.8	4266075.94	0.0013852	4.76E-04	1.16E-03	3.57E-04	2.74E-04	9.13E-05	2.14E-04
7711	625048.96	4266066	0.0013927	4.79E-04	1.16E-03	3.59E-04	2.76E-04	9.18E-05	2.15E-04
7712	625049.13	4266056.07	0.0014005	4.82E-04	1.17E-03	3.61E-04	2.77E-04	9.23E-05	2.16E-04
7713	625049.29	4266046.14	0.0014087	4.84E-04	1.18E-03	3.63E-04	2.79E-04	9.28E-05	2.17E-04
7714	625049.46	4266036.2	0.0014163	4.87E-04	1.18E-03	3.65E-04	2.80E-04	9.33E-05	2.19E-04
7715	625049.62	4266026.27	0.001424	4.90E-04	1.19E-03	3.67E-04	2.82E-04	9.38E-05	2.20E-04
7716	625049.78	4266016.34	0.0014317	4.92E-04	1.20E-03	3.69E-04	2.83E-04	9.43E-05	2.21E-04
7717	625049.95	4266006.4	0.0014394	4.95E-04	1.20E-03	3.71E-04	2.85E-04	9.48E-05	2.22E-04
7718	625050.11	4265996.47	0.001447	4.98E-04	1.21E-03	3.73E-04	2.86E-04	9.53E-05	2.23E-04
7719	625050.27	4265986.54	0.0014545	5.00E-04	1.22E-03	3.74E-04	2.88E-04	9.58E-05	2.24E-04
7720	625050.44	4265976.6	0.0014619	5.03E-04	1.22E-03	3.76E-04	2.89E-04	9.63E-05	2.26E-04
7721	625050.6	4265966.67	0.0014693	5.05E-04	1.23E-03	3.78E-04	2.91E-04	9.68E-05	2.27E-04
7722	625050.76	4265956.74	0.0014763	5.08E-04	1.23E-03	3.80E-04	2.92E-04	9.73E-05	2.28E-04
7723	625050.93	4265946.8	0.0014836	5.10E-04	1.24E-03	3.82E-04	2.94E-04	9.77E-05	2.29E-04
7724	625051.09	4265936.87	0.0014908	5.13E-04	1.25E-03	3.84E-04	2.95E-04	9.82E-05	2.30E-04
7725	625051.25	4265926.94	0.0014976	5.15E-04	1.25E-03	3.86E-04	2.96E-04	9.87E-05	2.31E-04
7726	625051.42	4265917	0.0015034	5.17E-04	1.26E-03	3.87E-04	2.98E-04	9.91E-05	2.32E-04
7727	625051.58	4265907.07	0.0015089	5.19E-04	1.26E-03	3.88E-04	2.99E-04	9.94E-05	2.33E-04
7728	625051.74	4265897.14	0.0015139	5.21E-04	1.27E-03	3.90E-04	3.00E-04	9.97E-05	2.34E-04
7729	625051.91	4265887.2	0.0015185	5.22E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.34E-04
7730	625052.07	4265877.27	0.0015228	5.24E-04	1.27E-03	3.92E-04	3.01E-04	1.00E-04	2.35E-04
7731	625052.24	4265867.34	0.0015265	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04
7732	625052.4	4265857.4	0.00153	5.26E-04	1.28E-03	3.94E-04	3.03E-04	1.01E-04	2.36E-04
7733	625052.56	4265847.47	0.0015329	5.27E-04	1.28E-03	3.95E-04	3.03E-04	1.01E-04	2.37E-04
7734	625052.73	4265837.54	0.0015351	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04
7735	625052.89	4265827.6	0.0015371	5.29E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04
7736	625053.05	4265817.67	0.0015385	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.37E-04
7737	625053.22	4265807.74	0.0015391	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.37E-04
7738	625053.38	4265797.8	0.0015388	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.37E-04
7739	625053.54	4265787.87	0.0015378	5.29E-04	1.29E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04
7740	625053.71	4265777.94	0.0015363	5.28E-04	1.28E-03	3.96E-04	3.04E-04	1.01E-04	2.37E-04
7741	625053.87	4265768	0.0015346	5.28E-04	1.28E-03	3.95E-04	3.04E-04	1.01E-04	2.37E-04
7742	625054.03	4265758.07	0.0015327	5.27E-04	1.28E-03	3.95E-04	3.03E-04	1.01E-04	2.37E-04
7743	625054.2	4265748.14	0.0015309	5.26E-04	1.28E-03	3.94E-04	3.03E-04	1.01E-04	2.36E-04
7744	625054.36	4265738.2	0.0015294	5.26E-04	1.28E-03	3.94E-04	3.03E-04	1.01E-04	2.36E-04

7745	625054.53	4265728.27	0.0015282	5.26E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04
7746	625054.69	4265718.34	0.0015273	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04
7747	625054.85	4265708.4	0.0015266	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04
7748	625055.02	4265698.47	0.0015257	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.35E-04
7749	625055.18	4265688.54	0.0015244	5.24E-04	1.27E-03	3.92E-04	3.02E-04	1.00E-04	2.35E-04
7750	625055.34	4265678.6	0.0015225	5.24E-04	1.27E-03	3.92E-04	3.01E-04	1.00E-04	2.35E-04
7751	625049.61	4266208.51	0.0012906	4.44E-04	1.08E-03	3.32E-04	2.55E-04	8.50E-05	1.99E-04
7752	625045.8	4266217.3	0.0013033	4.48E-04	1.09E-03	3.36E-04	2.58E-04	8.59E-05	2.01E-04
7753	625041.99	4266226.08	0.0013154	4.52E-04	1.10E-03	3.39E-04	2.60E-04	8.67E-05	2.03E-04
7754	625038.18	4266234.86	0.0013271	4.56E-04	1.11E-03	3.42E-04	2.63E-04	8.74E-05	2.05E-04
7755	625034.37	4266243.65	0.0013385	4.60E-04	1.12E-03	3.45E-04	2.65E-04	8.82E-05	2.07E-04
7756	625030.55	4266252.43	0.0013497	4.64E-04	1.13E-03	3.48E-04	2.67E-04	8.89E-05	2.08E-04
7757	625026.74	4266261.21	0.0013605	4.68E-04	1.14E-03	3.50E-04	2.69E-04	8.96E-05	2.10E-04
7758	625022.93	4266270	0.001371	4.71E-04	1.15E-03	3.53E-04	2.71E-04	9.03E-05	2.12E-04
7759	625019.12	4266278.78	0.001381	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04
7760	625015.3	4266287.57	0.0013904	4.78E-04	1.16E-03	3.58E-04	2.75E-04	9.16E-05	2.15E-04
7761	625011.49	4266296.35	0.001399	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.22E-05	2.16E-04
7762	624986.05	4266320.93	0.0015074	5.18E-04	1.26E-03	3.88E-04	2.98E-04	9.93E-05	2.33E-04
7763	624977.14	4266324.44	0.0015554	5.35E-04	1.30E-03	4.00E-04	3.08E-04	1.02E-04	2.40E-04
7764	624968.23	4266327.95	0.0016035	5.51E-04	1.34E-03	4.13E-04	3.17E-04	1.06E-04	2.47E-04
7765	624959.32	4266331.46	0.0016515	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04
7766	624950.41	4266334.97	0.0016988	5.84E-04	1.42E-03	4.37E-04	3.36E-04	1.12E-04	2.62E-04
7767	624941.5	4266338.48	0.0017452	6.00E-04	1.46E-03	4.49E-04	3.45E-04	1.15E-04	2.69E-04
7768	624932.59	4266341.99	0.0017903	6.16E-04	1.50E-03	4.61E-04	3.54E-04	1.18E-04	2.76E-04
7769	624923.68	4266345.49	0.0018337	6.31E-04	1.53E-03	4.72E-04	3.63E-04	1.21E-04	2.83E-04
7770	624896.96	4266356.02	0.0019497	6.70E-04	1.63E-03	5.02E-04	3.86E-04	1.28E-04	3.01E-04
7771	624888.05	4266359.53	0.0019824	6.82E-04	1.66E-03	5.10E-04	3.92E-04	1.31E-04	3.06E-04
7772	624879.14	4266363.04	0.0020116	6.92E-04	1.68E-03	5.18E-04	3.98E-04	1.33E-04	3.10E-04
7773	624870.23	4266366.55	0.0020372	7.01E-04	1.70E-03	5.25E-04	4.03E-04	1.34E-04	3.14E-04
7774	624861.32	4266370.06	0.0020591	7.08E-04	1.72E-03	5.30E-04	4.08E-04	1.36E-04	3.18E-04
7775	625072.65	4266145.88	0.0012022	4.13E-04	1.00E-03	3.10E-04	2.38E-04	7.92E-05	1.86E-04
7776	625072.82	4266135.95	0.0012047	4.14E-04	1.01E-03	3.10E-04	2.38E-04	7.94E-05	1.86E-04
7777	625072.98	4266126.01	0.0012073	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04
7778	625073.14	4266116.08	0.0012102	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.97E-05	1.87E-04
7779	625073.31	4266106.15	0.0012134	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04
7780	625073.47	4266096.21	0.0012177	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.02E-05	1.88E-04
7781	625073.63	4266086.28	0.0012226	4.20E-04	1.02E-03	3.15E-04	2.42E-04	8.06E-05	1.89E-04
7782	625073.8	4266076.35	0.001228	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.09E-05	1.89E-04
7783	625073.96	4266066.41	0.0012332	4.24E-04	1.03E-03	3.17E-04	2.44E-04	8.12E-05	1.90E-04
7784	625074.12	4266056.48	0.0012386	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04
7785	625074.29	4266046.55	0.0012443	4.28E-04	1.04E-03	3.20E-04	2.46E-04	8.20E-05	1.92E-04
7786	625074.45	4266036.61	0.0012504	4.30E-04	1.05E-03	3.22E-04	2.48E-04	8.24E-05	1.93E-04
7787	625074.62	4266026.68	0.0012566	4.32E-04	1.05E-03	3.24E-04	2.49E-04	8.28E-05	1.94E-04
7788	625074.78	4266016.75	0.001263	4.34E-04	1.06E-03	3.25E-04	2.50E-04	8.32E-05	1.95E-04
7789	625074.94	4266006.81	0.0012696	4.37E-04	1.06E-03	3.27E-04	2.51E-04	8.36E-05	1.96E-04
7790	625075.11	4265996.88	0.0012762	4.39E-04	1.07E-03	3.29E-04	2.53E-04	8.41E-05	1.97E-04
7791	625075.27	4265986.95	0.0012828	4.41E-04	1.07E-03	3.30E-04	2.54E-04	8.45E-05	1.98E-04
7792	625075.43	4265977.01	0.00129	4.44E-04	1.08E-03	3.32E-04	2.55E-04	8.50E-05	1.99E-04
7793	625075.6	4265967.08	0.0012973	4.46E-04	1.08E-03	3.34E-04	2.57E-04	8.55E-05	2.00E-04
7794	625075.76	4265957.15	0.0013044	4.49E-04	1.09E-03	3.36E-04	2.58E-04	8.59E-05	2.01E-04
7795	625075.92	4265947.21	0.0013108	4.51E-04	1.10E-03	3.37E-04	2.59E-04	8.64E-05	2.02E-04
7796	625076.09	4265937.28	0.0013168	4.53E-04	1.10E-03	3.39E-04	2.61E-04	8.68E-05	2.03E-04

7797	625076.25	4265927.35	0.0013227	4.55E-04	1.11E-03	3.41E-04	2.62E-04	8.71E-05	2.04E-04
7798	625076.41	4265917.41	0.0013284	4.57E-04	1.11E-03	3.42E-04	2.63E-04	8.75E-05	2.05E-04
7799	625076.58	4265907.48	0.0013337	4.59E-04	1.11E-03	3.43E-04	2.64E-04	8.79E-05	2.06E-04
7800	625076.74	4265897.55	0.0013387	4.60E-04	1.12E-03	3.45E-04	2.65E-04	8.82E-05	2.07E-04
7801	625076.91	4265887.61	0.0013435	4.62E-04	1.12E-03	3.46E-04	2.66E-04	8.85E-05	2.07E-04
7802	625077.07	4265877.68	0.0013479	4.63E-04	1.13E-03	3.47E-04	2.67E-04	8.88E-05	2.08E-04
7803	625077.23	4265867.75	0.0013518	4.65E-04	1.13E-03	3.48E-04	2.68E-04	8.91E-05	2.09E-04
7804	625077.4	4265857.81	0.0013556	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.93E-05	2.09E-04
7805	625077.56	4265847.88	0.0013591	4.67E-04	1.14E-03	3.50E-04	2.69E-04	8.95E-05	2.10E-04
7806	625077.72	4265837.95	0.001362	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04
7807	625077.89	4265828.01	0.0013638	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.10E-04
7808	625078.05	4265818.08	0.0013649	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.11E-04
7809	625078.21	4265808.15	0.0013653	4.70E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04
7810	625078.38	4265798.21	0.0013653	4.69E-04	1.14E-03	3.52E-04	2.70E-04	9.00E-05	2.11E-04
7811	625078.54	4265788.28	0.0013648	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.11E-04
7812	625078.7	4265778.35	0.0013641	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.99E-05	2.10E-04
7813	625078.87	4265768.41	0.0013632	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04
7814	625079.03	4265758.48	0.0013624	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04
7815	625079.19	4265748.55	0.0013618	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04
7816	625079.36	4265738.61	0.0013615	4.68E-04	1.14E-03	3.51E-04	2.69E-04	8.97E-05	2.10E-04
7817	625079.52	4265728.68	0.0013617	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04
7818	625079.69	4265718.75	0.0013621	4.68E-04	1.14E-03	3.51E-04	2.70E-04	8.97E-05	2.10E-04
7819	625079.85	4265708.81	0.0013628	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04
7820	625080.01	4265698.88	0.0013634	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04
7821	625080.18	4265688.95	0.0013637	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04
7822	625080.34	4265679.01	0.0013634	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04
7823	625047.92	4266270.41	0.0012296	4.23E-04	1.03E-03	3.17E-04	2.43E-04	8.10E-05	1.90E-04
7824	625044.11	4266279.19	0.0012391	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.16E-05	1.91E-04
7825	625040.3	4266287.98	0.0012483	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.93E-04
7826	625036.49	4266296.76	0.0012571	4.32E-04	1.05E-03	3.24E-04	2.49E-04	8.28E-05	1.94E-04
7827	625032.67	4266305.54	0.0012655	4.35E-04	1.06E-03	3.26E-04	2.50E-04	8.34E-05	1.95E-04
7828	625028.86	4266314.33	0.0012732	4.38E-04	1.06E-03	3.28E-04	2.52E-04	8.39E-05	1.96E-04
7829	625025.05	4266323.11	0.0012801	4.40E-04	1.07E-03	3.30E-04	2.53E-04	8.43E-05	1.98E-04
7830	625012.33	4266335.4	0.0013265	4.56E-04	1.11E-03	3.42E-04	2.63E-04	8.74E-05	2.05E-04
7831	624976.69	4266349.44	0.0014917	5.13E-04	1.25E-03	3.84E-04	2.95E-04	9.83E-05	2.30E-04
7832	624967.78	4266352.95	0.0015327	5.27E-04	1.28E-03	3.95E-04	3.03E-04	1.01E-04	2.37E-04
7833	624958.87	4266356.46	0.001573	5.41E-04	1.31E-03	4.05E-04	3.11E-04	1.04E-04	2.43E-04
7834	624949.96	4266359.96	0.0016123	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04
7835	624941.06	4266363.47	0.0016504	5.68E-04	1.38E-03	4.25E-04	3.27E-04	1.09E-04	2.55E-04
7836	624932.15	4266366.98	0.0016871	5.80E-04	1.41E-03	4.34E-04	3.34E-04	1.11E-04	2.60E-04
7837	624923.24	4266370.49	0.001722	5.92E-04	1.44E-03	4.43E-04	3.41E-04	1.13E-04	2.66E-04
7838	624860.87	4266395.05	0.0018951	6.52E-04	1.58E-03	4.88E-04	3.75E-04	1.25E-04	2.92E-04
7839	624851.97	4266398.56	0.0019081	6.56E-04	1.59E-03	4.91E-04	3.78E-04	1.26E-04	2.94E-04
7840	625097.65	4266146.29	0.0010791	3.71E-04	9.02E-04	2.78E-04	2.14E-04	7.11E-05	1.67E-04
7841	625097.81	4266136.36	0.0010806	3.72E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04
7842	625097.98	4266126.43	0.0010826	3.72E-04	9.05E-04	2.79E-04	2.14E-04	7.13E-05	1.67E-04
7843	625098.14	4266116.49	0.001085	3.73E-04	9.07E-04	2.79E-04	2.15E-04	7.15E-05	1.67E-04
7844	625098.3	4266106.56	0.0010877	3.74E-04	9.09E-04	2.80E-04	2.15E-04	7.17E-05	1.68E-04
7845	625098.47	4266096.63	0.0010904	3.75E-04	9.11E-04	2.81E-04	2.16E-04	7.18E-05	1.68E-04
7846	625098.63	4266086.69	0.0010936	3.76E-04	9.14E-04	2.82E-04	2.16E-04	7.21E-05	1.69E-04
7847	625098.79	4266076.76	0.0010972	3.77E-04	9.17E-04	2.82E-04	2.17E-04	7.23E-05	1.69E-04
7848	625098.96	4266066.83	0.0011011	3.79E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04

7849	625099.12	4266056.89	0.0011054	3.80E-04	9.24E-04	2.85E-04	2.19E-04	7.28E-05	1.71E-04
7850	625099.29	4266046.96	0.00111	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.31E-05	1.71E-04
7851	625099.45	4266037.03	0.001115	3.83E-04	9.32E-04	2.87E-04	2.21E-04	7.35E-05	1.72E-04
7852	625099.61	4266027.09	0.0011203	3.85E-04	9.36E-04	2.88E-04	2.22E-04	7.38E-05	1.73E-04
7853	625099.78	4266017.16	0.0011258	3.87E-04	9.41E-04	2.90E-04	2.23E-04	7.42E-05	1.74E-04
7854	625099.94	4266007.23	0.0011321	3.89E-04	9.46E-04	2.91E-04	2.24E-04	7.46E-05	1.75E-04
7855	625100.1	4265997.29	0.0011385	3.92E-04	9.52E-04	2.93E-04	2.25E-04	7.50E-05	1.76E-04
7856	625100.27	4265987.36	0.0011451	3.94E-04	9.57E-04	2.95E-04	2.27E-04	7.54E-05	1.77E-04
7857	625100.43	4265977.43	0.0011512	3.96E-04	9.62E-04	2.96E-04	2.28E-04	7.59E-05	1.78E-04
7858	625100.59	4265967.49	0.0011573	3.98E-04	9.67E-04	2.98E-04	2.29E-04	7.62E-05	1.79E-04
7859	625100.76	4265957.56	0.0011632	4.00E-04	9.72E-04	2.99E-04	2.30E-04	7.66E-05	1.79E-04
7860	625100.92	4265947.63	0.001169	4.02E-04	9.77E-04	3.01E-04	2.31E-04	7.70E-05	1.80E-04
7861	625101.08	4265937.69	0.0011747	4.04E-04	9.82E-04	3.02E-04	2.33E-04	7.74E-05	1.81E-04
7862	625101.25	4265927.76	0.0011802	4.06E-04	9.86E-04	3.04E-04	2.34E-04	7.78E-05	1.82E-04
7863	625101.41	4265917.83	0.0011855	4.08E-04	9.91E-04	3.05E-04	2.35E-04	7.81E-05	1.83E-04
7864	625101.57	4265907.89	0.0011907	4.09E-04	9.95E-04	3.07E-04	2.36E-04	7.84E-05	1.84E-04
7865	625101.74	4265897.96	0.0011955	4.11E-04	9.99E-04	3.08E-04	2.37E-04	7.88E-05	1.84E-04
7866	625101.9	4265888.03	0.0012005	4.13E-04	1.00E-03	3.09E-04	2.38E-04	7.91E-05	1.85E-04
7867	625102.07	4265878.09	0.0012052	4.14E-04	1.01E-03	3.10E-04	2.39E-04	7.94E-05	1.86E-04
7868	625102.23	4265868.16	0.0012096	4.16E-04	1.01E-03	3.11E-04	2.39E-04	7.97E-05	1.87E-04
7869	625102.39	4265858.23	0.0012131	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04
7870	625102.56	4265848.29	0.0012157	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04
7871	625102.72	4265838.36	0.0012179	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.02E-05	1.88E-04
7872	625102.88	4265828.43	0.0012195	4.19E-04	1.02E-03	3.14E-04	2.41E-04	8.04E-05	1.88E-04
7873	625103.05	4265818.49	0.0012206	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04
7874	625103.21	4265808.56	0.0012212	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04
7875	625103.37	4265798.63	0.0012214	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04
7876	625103.54	4265788.69	0.0012213	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04
7877	625103.7	4265778.76	0.001221	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04
7878	625103.86	4265768.83	0.0012207	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04
7879	625104.03	4265758.89	0.0012206	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04
7880	625104.19	4265748.96	0.0012208	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.04E-05	1.88E-04
7881	625104.35	4265739.03	0.0012214	4.20E-04	1.02E-03	3.14E-04	2.42E-04	8.05E-05	1.88E-04
7882	625104.52	4265729.09	0.0012223	4.20E-04	1.02E-03	3.15E-04	2.42E-04	8.05E-05	1.89E-04
7883	625104.68	4265719.16	0.0012236	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.06E-05	1.89E-04
7884	625104.85	4265709.23	0.0012251	4.21E-04	1.02E-03	3.15E-04	2.42E-04	8.07E-05	1.89E-04
7885	625105.01	4265699.29	0.0012266	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04
7886	625105.17	4265689.36	0.0012279	4.22E-04	1.03E-03	3.16E-04	2.43E-04	8.09E-05	1.89E-04
7887	625105.34	4265679.43	0.0012287	4.23E-04	1.03E-03	3.16E-04	2.43E-04	8.10E-05	1.90E-04
7888	625046.23	4266332.31	0.001165	4.01E-04	9.74E-04	3.00E-04	2.31E-04	7.68E-05	1.80E-04
7889	625042.42	4266341.09	0.0011714	4.03E-04	9.79E-04	3.02E-04	2.32E-04	7.72E-05	1.81E-04
7890	625029.7	4266353.38	0.0012121	4.17E-04	1.01E-03	3.12E-04	2.40E-04	7.99E-05	1.87E-04
7891	625020.79	4266356.89	0.0012478	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.93E-04
7892	625011.88	4266360.4	0.0012838	4.41E-04	1.07E-03	3.31E-04	2.54E-04	8.46E-05	1.98E-04
7893	625002.97	4266363.91	0.00132	4.54E-04	1.10E-03	3.40E-04	2.61E-04	8.70E-05	2.04E-04
7894	624994.06	4266367.42	0.001356	4.66E-04	1.13E-03	3.49E-04	2.68E-04	8.93E-05	2.09E-04
7895	624985.15	4266370.93	0.0013918	4.79E-04	1.16E-03	3.58E-04	2.75E-04	9.17E-05	2.15E-04
7896	624976.25	4266374.43	0.001427	4.91E-04	1.19E-03	3.67E-04	2.82E-04	9.40E-05	2.20E-04
7897	624967.34	4266377.94	0.0014616	5.03E-04	1.22E-03	3.76E-04	2.89E-04	9.63E-05	2.26E-04
7898	624958.43	4266381.45	0.0014952	5.14E-04	1.25E-03	3.85E-04	2.96E-04	9.85E-05	2.31E-04
7899	624949.52	4266384.96	0.0015278	5.25E-04	1.28E-03	3.93E-04	3.02E-04	1.01E-04	2.36E-04
7900	624940.61	4266388.47	0.0015592	5.36E-04	1.30E-03	4.01E-04	3.09E-04	1.03E-04	2.41E-04

7901	624931.7	4266391.98	0.0015889	5.46E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04
7902	624922.79	4266395.49	0.001617	5.56E-04	1.35E-03	4.16E-04	3.20E-04	1.07E-04	2.50E-04
7903	624913.88	4266399	0.001643	5.65E-04	1.37E-03	4.23E-04	3.25E-04	1.08E-04	2.54E-04
7904	624904.97	4266402.5	0.0016669	5.73E-04	1.39E-03	4.29E-04	3.30E-04	1.10E-04	2.57E-04
7905	624896.06	4266406.01	0.0016884	5.81E-04	1.41E-03	4.35E-04	3.34E-04	1.11E-04	2.61E-04
7906	624887.16	4266409.52	0.0017074	5.87E-04	1.43E-03	4.40E-04	3.38E-04	1.12E-04	2.63E-04
7907	624878.25	4266413.03	0.001724	5.93E-04	1.44E-03	4.44E-04	3.41E-04	1.14E-04	2.66E-04
7908	624869.34	4266416.54	0.001738	5.98E-04	1.45E-03	4.47E-04	3.44E-04	1.15E-04	2.68E-04
7909	624860.43	4266420.05	0.0017494	6.02E-04	1.46E-03	4.50E-04	3.46E-04	1.15E-04	2.70E-04
7910	624851.52	4266423.56	0.0017584	6.05E-04	1.47E-03	4.53E-04	3.48E-04	1.16E-04	2.71E-04
7911	625122.65	4266146.7	0.00097604	3.36E-04	8.16E-04	2.51E-04	1.93E-04	6.43E-05	1.51E-04
7912	625122.81	4266136.77	0.00097725	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04
7913	625122.97	4266126.84	0.00097845	3.36E-04	8.18E-04	2.52E-04	1.94E-04	6.45E-05	1.51E-04
7914	625123.14	4266116.9	0.00097978	3.37E-04	8.19E-04	2.52E-04	1.94E-04	6.46E-05	1.51E-04
7915	625123.3	4266106.97	0.00098141	3.37E-04	8.20E-04	2.53E-04	1.94E-04	6.47E-05	1.51E-04
7916	625123.46	4266097.04	0.00098333	3.38E-04	8.22E-04	2.53E-04	1.95E-04	6.48E-05	1.52E-04
7917	625123.63	4266087.1	0.0009856	3.39E-04	8.24E-04	2.54E-04	1.95E-04	6.49E-05	1.52E-04
7918	625123.79	4266077.17	0.00098836	3.40E-04	8.26E-04	2.54E-04	1.96E-04	6.51E-05	1.53E-04
7919	625123.95	4266067.24	0.00099157	3.41E-04	8.29E-04	2.55E-04	1.96E-04	6.53E-05	1.53E-04
7920	625124.12	4266057.3	0.00099513	3.42E-04	8.32E-04	2.56E-04	1.97E-04	6.56E-05	1.54E-04
7921	625124.28	4266047.37	0.00099912	3.44E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04
7922	625124.45	4266037.44	0.0010034	3.45E-04	8.39E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04
7923	625124.61	4266027.5	0.001008	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04
7924	625124.77	4266017.57	0.0010129	3.48E-04	8.47E-04	2.61E-04	2.00E-04	6.67E-05	1.56E-04
7925	625124.94	4266007.64	0.0010183	3.50E-04	8.51E-04	2.62E-04	2.02E-04	6.71E-05	1.57E-04
7926	625125.1	4265997.7	0.0010242	3.52E-04	8.56E-04	2.64E-04	2.03E-04	6.75E-05	1.58E-04
7927	625125.26	4265987.77	0.0010302	3.54E-04	8.61E-04	2.65E-04	2.04E-04	6.79E-05	1.59E-04
7928	625125.43	4265977.84	0.0010357	3.56E-04	8.66E-04	2.67E-04	2.05E-04	6.82E-05	1.60E-04
7929	625125.59	4265967.9	0.0010411	3.58E-04	8.70E-04	2.68E-04	2.06E-04	6.86E-05	1.61E-04
7930	625125.75	4265957.97	0.0010466	3.60E-04	8.75E-04	2.69E-04	2.07E-04	6.90E-05	1.61E-04
7931	625125.92	4265948.04	0.0010519	3.62E-04	8.79E-04	2.71E-04	2.08E-04	6.93E-05	1.62E-04
7932	625126.08	4265938.1	0.0010572	3.64E-04	8.84E-04	2.72E-04	2.09E-04	6.97E-05	1.63E-04
7933	625126.24	4265928.17	0.0010623	3.65E-04	8.88E-04	2.73E-04	2.10E-04	7.00E-05	1.64E-04
7934	625126.41	4265918.24	0.0010672	3.67E-04	8.92E-04	2.75E-04	2.11E-04	7.03E-05	1.65E-04
7935	625126.57	4265908.3	0.001072	3.69E-04	8.96E-04	2.76E-04	2.12E-04	7.06E-05	1.65E-04
7936	625126.73	4265898.37	0.0010764	3.70E-04	9.00E-04	2.77E-04	2.13E-04	7.09E-05	1.66E-04
7937	625126.9	4265888.44	0.001081	3.72E-04	9.04E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04
7938	625127.06	4265878.5	0.0010854	3.73E-04	9.07E-04	2.79E-04	2.15E-04	7.15E-05	1.67E-04
7939	625127.23	4265868.57	0.0010894	3.75E-04	9.11E-04	2.80E-04	2.16E-04	7.18E-05	1.68E-04
7940	625127.39	4265858.64	0.0010926	3.76E-04	9.13E-04	2.81E-04	2.16E-04	7.20E-05	1.69E-04
7941	625127.55	4265848.7	0.001095	3.77E-04	9.15E-04	2.82E-04	2.17E-04	7.21E-05	1.69E-04
7942	625127.72	4265838.77	0.001097	3.77E-04	9.17E-04	2.82E-04	2.17E-04	7.23E-05	1.69E-04
7943	625127.88	4265828.84	0.0010985	3.78E-04	9.18E-04	2.83E-04	2.17E-04	7.24E-05	1.70E-04
7944	625128.04	4265818.9	0.0010995	3.78E-04	9.19E-04	2.83E-04	2.18E-04	7.24E-05	1.70E-04
7945	625128.21	4265808.97	0.0011001	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04
7946	625128.37	4265799.04	0.0011005	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04
7947	625128.53	4265789.1	0.0011006	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04
7948	625128.7	4265779.17	0.0011007	3.78E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04
7949	625128.86	4265769.24	0.0011008	3.79E-04	9.20E-04	2.83E-04	2.18E-04	7.25E-05	1.70E-04
7950	625129.02	4265759.3	0.0011013	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04
7951	625129.19	4265749.37	0.001102	3.79E-04	9.21E-04	2.84E-04	2.18E-04	7.26E-05	1.70E-04
7952	625129.35	4265739.44	0.0011031	3.79E-04	9.22E-04	2.84E-04	2.18E-04	7.27E-05	1.70E-04

7953	625129.52	4265729.5	0.0011046	3.80E-04	9.23E-04	2.84E-04	2.19E-04	7.28E-05	1.70E-04
7954	625129.68	4265719.57	0.0011064	3.80E-04	9.25E-04	2.85E-04	2.19E-04	7.29E-05	1.71E-04
7955	625129.84	4265709.64	0.0011084	3.81E-04	9.26E-04	2.85E-04	2.19E-04	7.30E-05	1.71E-04
7956	625130.01	4265699.7	0.0011104	3.82E-04	9.28E-04	2.86E-04	2.20E-04	7.32E-05	1.71E-04
7957	625130.17	4265689.77	0.0011123	3.82E-04	9.30E-04	2.86E-04	2.20E-04	7.33E-05	1.72E-04
7958	625130.33	4265679.84	0.0011139	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04
7959	625047.07	4266371.36	0.0011132	3.83E-04	9.30E-04	2.87E-04	2.20E-04	7.33E-05	1.72E-04
7960	625038.16	4266374.87	0.0011445	3.94E-04	9.57E-04	2.95E-04	2.27E-04	7.54E-05	1.77E-04
7961	625029.25	4266378.38	0.0011762	4.04E-04	9.83E-04	3.03E-04	2.33E-04	7.75E-05	1.81E-04
7962	625020.34	4266381.89	0.0012079	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.96E-05	1.86E-04
7963	625011.44	4266385.39	0.0012395	4.26E-04	1.04E-03	3.19E-04	2.45E-04	8.17E-05	1.91E-04
7964	625002.53	4266388.9	0.001271	4.37E-04	1.06E-03	3.27E-04	2.52E-04	8.37E-05	1.96E-04
7965	624993.62	4266392.41	0.0013021	4.48E-04	1.09E-03	3.35E-04	2.58E-04	8.58E-05	2.01E-04
7966	624984.71	4266395.92	0.0013326	4.58E-04	1.11E-03	3.43E-04	2.64E-04	8.78E-05	2.06E-04
7967	624975.8	4266399.43	0.0013624	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04
7968	624966.89	4266402.94	0.0013915	4.79E-04	1.16E-03	3.58E-04	2.75E-04	9.17E-05	2.15E-04
7969	624957.98	4266406.45	0.0014196	4.88E-04	1.19E-03	3.65E-04	2.81E-04	9.35E-05	2.19E-04
7970	624949.07	4266409.96	0.0014466	4.97E-04	1.21E-03	3.72E-04	2.86E-04	9.53E-05	2.23E-04
7971	624940.16	4266413.47	0.0014722	5.06E-04	1.23E-03	3.79E-04	2.91E-04	9.70E-05	2.27E-04
7972	624931.25	4266416.97	0.0014964	5.15E-04	1.25E-03	3.85E-04	2.96E-04	9.86E-05	2.31E-04
7973	624922.35	4266420.48	0.0015188	5.22E-04	1.27E-03	3.91E-04	3.01E-04	1.00E-04	2.34E-04
7974	624913.44	4266423.99	0.0015393	5.29E-04	1.29E-03	3.96E-04	3.05E-04	1.01E-04	2.38E-04
7975	624904.53	4266427.5	0.0015579	5.36E-04	1.30E-03	4.01E-04	3.08E-04	1.03E-04	2.40E-04
7976	624895.62	4266431.01	0.0015745	5.41E-04	1.32E-03	4.05E-04	3.12E-04	1.04E-04	2.43E-04
7977	624886.71	4266434.52	0.0015889	5.46E-04	1.33E-03	4.09E-04	3.15E-04	1.05E-04	2.45E-04
7978	624877.8	4266438.03	0.0016012	5.51E-04	1.34E-03	4.12E-04	3.17E-04	1.05E-04	2.47E-04
7979	624868.89	4266441.54	0.0016112	5.54E-04	1.35E-03	4.15E-04	3.19E-04	1.06E-04	2.49E-04
7980	624859.98	4266445.04	0.0016193	5.57E-04	1.35E-03	4.17E-04	3.21E-04	1.07E-04	2.50E-04
7981	624851.07	4266448.55	0.0016253	5.59E-04	1.36E-03	4.18E-04	3.22E-04	1.07E-04	2.51E-04
7982	625147.64	4266147.12	0.00088848	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.85E-05	1.37E-04
7983	625147.81	4266137.18	0.0008892	3.06E-04	7.43E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04
7984	625147.97	4266127.25	0.00088977	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04
7985	625148.13	4266117.32	0.00089049	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.87E-05	1.37E-04
7986	625148.3	4266107.38	0.00089152	3.07E-04	7.45E-04	2.30E-04	1.76E-04	5.87E-05	1.38E-04
7987	625148.46	4266097.45	0.00089296	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04
7988	625148.62	4266087.52	0.00089482	3.08E-04	7.48E-04	2.30E-04	1.77E-04	5.90E-05	1.38E-04
7989	625148.79	4266077.58	0.00089709	3.08E-04	7.50E-04	2.31E-04	1.78E-04	5.91E-05	1.38E-04
7990	625148.95	4266067.65	0.00090005	3.10E-04	7.52E-04	2.32E-04	1.78E-04	5.93E-05	1.39E-04
7991	625149.11	4266057.72	0.00090343	3.11E-04	7.55E-04	2.33E-04	1.79E-04	5.95E-05	1.39E-04
7992	625149.28	4266047.78	0.00090713	3.12E-04	7.58E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04
7993	625149.44	4266037.85	0.00091104	3.13E-04	7.61E-04	2.35E-04	1.80E-04	6.00E-05	1.41E-04
7994	625149.61	4266027.92	0.00091508	3.15E-04	7.65E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04
7995	625149.77	4266017.98	0.00091942	3.16E-04	7.68E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04
7996	625149.93	4266008.05	0.0009241	3.18E-04	7.72E-04	2.38E-04	1.83E-04	6.09E-05	1.43E-04
7997	625150.1	4265998.12	0.00092903	3.19E-04	7.77E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04
7998	625150.26	4265988.18	0.00093414	3.21E-04	7.81E-04	2.41E-04	1.85E-04	6.15E-05	1.44E-04
7999	625150.42	4265978.25	0.00093911	3.23E-04	7.85E-04	2.42E-04	1.86E-04	6.19E-05	1.45E-04
8000	625150.59	4265968.32	0.00094399	3.25E-04	7.89E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04
8001	625150.75	4265958.38	0.00094895	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04
8002	625150.91	4265948.45	0.00095383	3.28E-04	7.97E-04	2.46E-04	1.89E-04	6.28E-05	1.47E-04
8003	625151.08	4265938.52	0.00095859	3.30E-04	8.01E-04	2.47E-04	1.90E-04	6.32E-05	1.48E-04
8004	625151.24	4265928.58	0.00096327	3.31E-04	8.05E-04	2.48E-04	1.91E-04	6.35E-05	1.49E-04

8005	625151.4	4265918.65	0.00096801	3.33E-04	8.09E-04	2.49E-04	1.92E-04	6.38E-05	1.49E-04
8006	625151.57	4265908.72	0.0009726	3.34E-04	8.13E-04	2.50E-04	1.93E-04	6.41E-05	1.50E-04
8007	625151.73	4265898.78	0.00097696	3.36E-04	8.17E-04	2.52E-04	1.93E-04	6.44E-05	1.51E-04
8008	625151.89	4265888.85	0.00098098	3.37E-04	8.20E-04	2.53E-04	1.94E-04	6.46E-05	1.51E-04
8009	625152.06	4265878.92	0.00098454	3.39E-04	8.23E-04	2.53E-04	1.95E-04	6.49E-05	1.52E-04
8010	625152.22	4265868.98	0.00098775	3.40E-04	8.26E-04	2.54E-04	1.96E-04	6.51E-05	1.52E-04
8011	625152.39	4265859.05	0.00099042	3.41E-04	8.28E-04	2.55E-04	1.96E-04	6.53E-05	1.53E-04
8012	625152.55	4265849.12	0.00099258	3.41E-04	8.30E-04	2.56E-04	1.96E-04	6.54E-05	1.53E-04
8013	625152.71	4265839.18	0.00099433	3.42E-04	8.31E-04	2.56E-04	1.97E-04	6.55E-05	1.53E-04
8014	625152.88	4265829.25	0.00099562	3.42E-04	8.32E-04	2.56E-04	1.97E-04	6.56E-05	1.54E-04
8015	625153.04	4265819.32	0.00099656	3.43E-04	8.33E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04
8016	625153.2	4265809.38	0.00099722	3.43E-04	8.34E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04
8017	625153.37	4265799.45	0.00099763	3.43E-04	8.34E-04	2.57E-04	1.97E-04	6.57E-05	1.54E-04
8018	625153.53	4265789.52	0.00099797	3.43E-04	8.34E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04
8019	625153.69	4265779.58	0.00099834	3.43E-04	8.34E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04
8020	625153.86	4265769.65	0.00099886	3.43E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04
8021	625154.02	4265759.72	0.00099966	3.44E-04	8.36E-04	2.57E-04	1.98E-04	6.59E-05	1.54E-04
8022	625154.18	4265749.78	0.0010008	3.44E-04	8.37E-04	2.58E-04	1.98E-04	6.59E-05	1.54E-04
8023	625154.35	4265739.85	0.0010023	3.45E-04	8.38E-04	2.58E-04	1.98E-04	6.60E-05	1.55E-04
8024	625154.51	4265729.92	0.0010042	3.45E-04	8.39E-04	2.59E-04	1.99E-04	6.62E-05	1.55E-04
8025	625154.68	4265719.98	0.0010064	3.46E-04	8.41E-04	2.59E-04	1.99E-04	6.63E-05	1.55E-04
8026	625154.84	4265710.05	0.0010089	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04
8027	625155	4265700.12	0.0010116	3.48E-04	8.46E-04	2.60E-04	2.00E-04	6.67E-05	1.56E-04
8028	625155.17	4265690.18	0.0010142	3.49E-04	8.48E-04	2.61E-04	2.01E-04	6.68E-05	1.56E-04
8029	625155.33	4265680.25	0.0010163	3.49E-04	8.49E-04	2.62E-04	2.01E-04	6.70E-05	1.57E-04
8030	625185.61	4266185.2	0.00077494	2.66E-04	6.48E-04	2.00E-04	1.53E-04	5.11E-05	1.20E-04
8031	625181.66	4266194.31	0.00078341	2.69E-04	6.55E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04
8032	625177.7	4266203.42	0.0007915	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04
8033	625173.75	4266212.52	0.00079913	2.75E-04	6.68E-04	2.06E-04	1.58E-04	5.27E-05	1.23E-04
8034	625169.8	4266221.63	0.00080631	2.77E-04	6.74E-04	2.08E-04	1.60E-04	5.31E-05	1.24E-04
8035	625165.84	4266230.74	0.00081308	2.80E-04	6.80E-04	2.09E-04	1.61E-04	5.36E-05	1.25E-04
8036	625161.89	4266239.85	0.00081934	2.82E-04	6.85E-04	2.11E-04	1.62E-04	5.40E-05	1.26E-04
8037	625157.94	4266248.96	0.00082525	2.84E-04	6.90E-04	2.12E-04	1.63E-04	5.44E-05	1.27E-04
8038	625153.98	4266258.07	0.00083091	2.86E-04	6.95E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04
8039	625150.03	4266267.18	0.00083627	2.88E-04	6.99E-04	2.15E-04	1.66E-04	5.51E-05	1.29E-04
8040	625146.08	4266276.29	0.00084184	2.89E-04	7.04E-04	2.17E-04	1.67E-04	5.55E-05	1.30E-04
8041	625142.12	4266285.39	0.00084767	2.91E-04	7.09E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04
8042	625106.54	4266367.37	0.00090561	3.11E-04	7.57E-04	2.33E-04	1.79E-04	5.97E-05	1.40E-04
8043	625102.59	4266376.48	0.00091153	3.13E-04	7.62E-04	2.35E-04	1.80E-04	6.01E-05	1.41E-04
8044	625098.63	4266385.59	0.00091709	3.15E-04	7.67E-04	2.36E-04	1.82E-04	6.04E-05	1.42E-04
8045	625094.68	4266394.7	0.00092217	3.17E-04	7.71E-04	2.37E-04	1.83E-04	6.08E-05	1.42E-04
8046	625081.49	4266407.45	0.00095205	3.27E-04	7.96E-04	2.45E-04	1.88E-04	6.27E-05	1.47E-04
8047	625072.25	4266411.08	0.00097768	3.36E-04	8.17E-04	2.52E-04	1.94E-04	6.44E-05	1.51E-04
8048	625063.01	4266414.72	0.0010035	3.45E-04	8.39E-04	2.58E-04	1.99E-04	6.61E-05	1.55E-04
8049	625053.77	4266418.36	0.0010293	3.54E-04	8.60E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04
8050	625044.53	4266422	0.0010552	3.63E-04	8.82E-04	2.72E-04	2.09E-04	6.95E-05	1.63E-04
8051	625035.29	4266425.64	0.0010809	3.72E-04	9.03E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04
8052	625026.05	4266429.28	0.0011063	3.80E-04	9.25E-04	2.85E-04	2.19E-04	7.29E-05	1.71E-04
8053	625016.81	4266432.92	0.0011313	3.89E-04	9.46E-04	2.91E-04	2.24E-04	7.45E-05	1.75E-04
8054	625007.57	4266436.56	0.0011558	3.97E-04	9.66E-04	2.98E-04	2.29E-04	7.62E-05	1.78E-04
8055	624998.33	4266440.2	0.0011798	4.06E-04	9.86E-04	3.04E-04	2.34E-04	7.77E-05	1.82E-04
8056	624989.1	4266443.83	0.0012031	4.14E-04	1.01E-03	3.10E-04	2.38E-04	7.93E-05	1.86E-04

8057	624979.86	4266447.47	0.0012256	4.21E-04	1.02E-03	3.16E-04	2.43E-04	8.08E-05	1.89E-04
8058	624970.62	4266451.11	0.0012472	4.29E-04	1.04E-03	3.21E-04	2.47E-04	8.22E-05	1.92E-04
8059	624961.38	4266454.75	0.0012679	4.36E-04	1.06E-03	3.26E-04	2.51E-04	8.35E-05	1.96E-04
8060	624952.14	4266458.39	0.0012873	4.43E-04	1.08E-03	3.31E-04	2.55E-04	8.48E-05	1.99E-04
8061	624942.9	4266462.03	0.0013055	4.49E-04	1.09E-03	3.36E-04	2.58E-04	8.60E-05	2.01E-04
8062	624933.66	4266465.67	0.0013222	4.55E-04	1.11E-03	3.40E-04	2.62E-04	8.71E-05	2.04E-04
8063	624924.42	4266469.31	0.0013374	4.60E-04	1.12E-03	3.44E-04	2.65E-04	8.81E-05	2.06E-04
8064	624915.18	4266472.94	0.001351	4.65E-04	1.13E-03	3.48E-04	2.67E-04	8.90E-05	2.08E-04
8065	624905.94	4266476.58	0.0013629	4.69E-04	1.14E-03	3.51E-04	2.70E-04	8.98E-05	2.10E-04
8066	624896.7	4266480.22	0.0013731	4.72E-04	1.15E-03	3.54E-04	2.72E-04	9.05E-05	2.12E-04
8067	624887.47	4266483.86	0.0013815	4.75E-04	1.15E-03	3.56E-04	2.73E-04	9.10E-05	2.13E-04
8068	624878.23	4266487.5	0.0013883	4.77E-04	1.16E-03	3.57E-04	2.75E-04	9.15E-05	2.14E-04
8069	624868.99	4266491.14	0.0013935	4.79E-04	1.16E-03	3.59E-04	2.76E-04	9.18E-05	2.15E-04
8070	624859.75	4266494.78	0.0013971	4.80E-04	1.17E-03	3.60E-04	2.77E-04	9.20E-05	2.16E-04
8071	624850.51	4266498.42	0.0013993	4.81E-04	1.17E-03	3.60E-04	2.77E-04	9.22E-05	2.16E-04
8072	625197.64	4266147.94	0.00074833	2.57E-04	6.25E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04
8073	625197.8	4266138	0.00074845	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04
8074	625197.96	4266128.07	0.00074871	2.57E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.16E-04
8075	625198.13	4266118.14	0.00074914	2.58E-04	6.26E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04
8076	625198.29	4266108.2	0.00074991	2.58E-04	6.27E-04	1.93E-04	1.48E-04	4.94E-05	1.16E-04
8077	625198.45	4266098.27	0.00075118	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04
8078	625198.62	4266088.34	0.00075293	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04
8079	625198.78	4266078.4	0.00075502	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.97E-05	1.17E-04
8080	625198.94	4266068.47	0.00075726	2.60E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04
8081	625199.11	4266058.54	0.00075964	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04
8082	625199.27	4266048.6	0.0007624	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04
8083	625199.44	4266038.67	0.00076538	2.63E-04	6.40E-04	1.97E-04	1.51E-04	5.04E-05	1.18E-04
8084	625199.6	4266028.74	0.00076863	2.64E-04	6.42E-04	1.98E-04	1.52E-04	5.06E-05	1.19E-04
8085	625199.76	4266018.8	0.0007721	2.66E-04	6.45E-04	1.99E-04	1.53E-04	5.09E-05	1.19E-04
8086	625199.93	4266008.87	0.00077583	2.67E-04	6.48E-04	2.00E-04	1.54E-04	5.11E-05	1.20E-04
8087	625200.09	4265998.94	0.0007797	2.68E-04	6.52E-04	2.01E-04	1.54E-04	5.14E-05	1.20E-04
8088	625200.25	4265989	0.00078369	2.69E-04	6.55E-04	2.02E-04	1.55E-04	5.16E-05	1.21E-04
8089	625200.42	4265979.07	0.00078768	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.22E-04
8090	625200.58	4265969.14	0.0007917	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04
8091	625200.74	4265959.2	0.00079569	2.74E-04	6.65E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04
8092	625200.91	4265949.27	0.00079985	2.75E-04	6.69E-04	2.06E-04	1.58E-04	5.27E-05	1.23E-04
8093	625201.07	4265939.34	0.00080404	2.76E-04	6.72E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04
8094	625201.23	4265929.4	0.00080809	2.78E-04	6.75E-04	2.08E-04	1.60E-04	5.32E-05	1.25E-04
8095	625201.4	4265919.47	0.00081176	2.79E-04	6.79E-04	2.09E-04	1.61E-04	5.35E-05	1.25E-04
8096	625201.56	4265909.54	0.00081506	2.80E-04	6.81E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04
8097	625201.72	4265899.6	0.00081813	2.81E-04	6.84E-04	2.11E-04	1.62E-04	5.39E-05	1.26E-04
8098	625201.89	4265889.67	0.00082089	2.82E-04	6.86E-04	2.11E-04	1.62E-04	5.41E-05	1.27E-04
8099	625202.05	4265879.74	0.00082333	2.83E-04	6.88E-04	2.12E-04	1.63E-04	5.42E-05	1.27E-04
8100	625202.22	4265869.8	0.00082545	2.84E-04	6.90E-04	2.13E-04	1.63E-04	5.44E-05	1.27E-04
8101	625202.38	4265859.87	0.00082729	2.84E-04	6.91E-04	2.13E-04	1.64E-04	5.45E-05	1.28E-04
8102	625202.54	4265849.94	0.00082878	2.85E-04	6.93E-04	2.13E-04	1.64E-04	5.46E-05	1.28E-04
8103	625202.71	4265840	0.00082996	2.85E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04
8104	625202.87	4265830.07	0.00083088	2.86E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04
8105	625203.03	4265820.14	0.00083162	2.86E-04	6.95E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04
8106	625203.2	4265810.2	0.0008322	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.48E-05	1.28E-04
8107	625203.36	4265800.27	0.00083274	2.86E-04	6.96E-04	2.14E-04	1.65E-04	5.49E-05	1.28E-04
8108	625203.52	4265790.34	0.00083337	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.49E-05	1.29E-04

8109	625203.69	4265780.4	0.00083415	2.87E-04	6.97E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04
8110	625203.85	4265770.47	0.00083527	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04
8111	625204.01	4265760.54	0.00083679	2.88E-04	6.99E-04	2.15E-04	1.66E-04	5.51E-05	1.29E-04
8112	625204.18	4265750.6	0.00083863	2.88E-04	7.01E-04	2.16E-04	1.66E-04	5.53E-05	1.29E-04
8113	625204.34	4265740.67	0.00084089	2.89E-04	7.03E-04	2.16E-04	1.66E-04	5.54E-05	1.30E-04
8114	625204.5	4265730.74	0.00084356	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04
8115	625204.67	4265720.8	0.00084646	2.91E-04	7.08E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04
8116	625204.83	4265710.87	0.00084933	2.92E-04	7.10E-04	2.19E-04	1.68E-04	5.60E-05	1.31E-04
8117	625205	4265700.94	0.00085209	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04
8118	625205.16	4265691	0.00085476	2.94E-04	7.14E-04	2.20E-04	1.69E-04	5.63E-05	1.32E-04
8119	625205.32	4265681.07	0.00085722	2.95E-04	7.17E-04	2.21E-04	1.70E-04	5.65E-05	1.32E-04
8120	625235.66	4266185.89	0.00066355	2.28E-04	5.55E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04
8121	625231.72	4266194.96	0.00067004	2.30E-04	5.60E-04	1.73E-04	1.33E-04	4.41E-05	1.03E-04
8122	625227.79	4266204.03	0.00067627	2.33E-04	5.65E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04
8123	625223.85	4266213.1	0.00068218	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.49E-05	1.05E-04
8124	625219.92	4266222.16	0.00068775	2.37E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04
8125	625215.98	4266231.23	0.000693	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.57E-05	1.07E-04
8126	625212.05	4266240.3	0.00069791	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04
8127	625208.11	4266249.36	0.00070262	2.42E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04
8128	625204.18	4266258.43	0.00070692	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
8129	625200.24	4266267.5	0.00071091	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
8130	625196.31	4266276.56	0.00071487	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04
8131	625192.37	4266285.63	0.00071892	2.47E-04	6.01E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04
8132	625156.95	4266367.23	0.00076556	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.04E-05	1.18E-04
8133	625153.02	4266376.3	0.00077112	2.65E-04	6.45E-04	1.99E-04	1.53E-04	5.08E-05	1.19E-04
8134	625149.08	4266385.36	0.00077666	2.67E-04	6.49E-04	2.00E-04	1.54E-04	5.12E-05	1.20E-04
8135	625145.15	4266394.43	0.00078206	2.69E-04	6.54E-04	2.01E-04	1.55E-04	5.15E-05	1.21E-04
8136	625141.21	4266403.5	0.00078725	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.19E-05	1.21E-04
8137	625137.27	4266412.56	0.00079222	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04
8138	625133.34	4266421.63	0.00079684	2.74E-04	6.66E-04	2.05E-04	1.58E-04	5.25E-05	1.23E-04
8139	625129.4	4266430.7	0.00080114	2.75E-04	6.70E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04
8140	625116.27	4266443.39	0.00082531	2.84E-04	6.90E-04	2.12E-04	1.63E-04	5.44E-05	1.27E-04
8141	625107.08	4266447.01	0.00084577	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.31E-04
8142	625097.88	4266450.63	0.00086641	2.98E-04	7.24E-04	2.23E-04	1.71E-04	5.71E-05	1.34E-04
8143	625088.68	4266454.25	0.00088713	3.05E-04	7.42E-04	2.28E-04	1.76E-04	5.85E-05	1.37E-04
8144	625079.49	4266457.87	0.00090779	3.12E-04	7.59E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04
8145	625070.29	4266461.5	0.0009284	3.19E-04	7.76E-04	2.39E-04	1.84E-04	6.12E-05	1.43E-04
8146	625061.09	4266465.12	0.00094884	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04
8147	625051.9	4266468.74	0.00096898	3.33E-04	8.10E-04	2.49E-04	1.92E-04	6.38E-05	1.50E-04
8148	625042.7	4266472.36	0.00098884	3.40E-04	8.27E-04	2.55E-04	1.96E-04	6.52E-05	1.53E-04
8149	625033.5	4266475.98	0.0010083	3.47E-04	8.43E-04	2.60E-04	2.00E-04	6.64E-05	1.56E-04
8150	625024.31	4266479.61	0.0010273	3.53E-04	8.59E-04	2.64E-04	2.03E-04	6.77E-05	1.59E-04
8151	625015.11	4266483.23	0.0010459	3.60E-04	8.74E-04	2.69E-04	2.07E-04	6.89E-05	1.61E-04
8152	625005.91	4266486.85	0.0010639	3.66E-04	8.89E-04	2.74E-04	2.11E-04	7.01E-05	1.64E-04
8153	624996.72	4266490.47	0.0010812	3.72E-04	9.04E-04	2.78E-04	2.14E-04	7.12E-05	1.67E-04
8154	624987.52	4266494.09	0.0010978	3.78E-04	9.18E-04	2.83E-04	2.17E-04	7.23E-05	1.69E-04
8155	624978.32	4266497.72	0.0011137	3.83E-04	9.31E-04	2.87E-04	2.20E-04	7.34E-05	1.72E-04
8156	624969.13	4266501.34	0.0011286	3.88E-04	9.43E-04	2.91E-04	2.23E-04	7.44E-05	1.74E-04
8157	624959.93	4266504.96	0.0011425	3.93E-04	9.55E-04	2.94E-04	2.26E-04	7.53E-05	1.76E-04
8158	624950.74	4266508.58	0.0011553	3.97E-04	9.66E-04	2.97E-04	2.29E-04	7.61E-05	1.78E-04
8159	624941.54	4266512.2	0.001167	4.01E-04	9.75E-04	3.00E-04	2.31E-04	7.69E-05	1.80E-04
8160	624932.34	4266515.83	0.0011774	4.05E-04	9.84E-04	3.03E-04	2.33E-04	7.76E-05	1.82E-04

8161	624923.15	4266519.45	0.0011866	4.08E-04	9.92E-04	3.06E-04	2.35E-04	7.82E-05	1.83E-04
8162	624913.95	4266523.07	0.0011946	4.11E-04	9.99E-04	3.08E-04	2.36E-04	7.87E-05	1.84E-04
8163	624904.75	4266526.69	0.0012012	4.13E-04	1.00E-03	3.09E-04	2.38E-04	7.91E-05	1.85E-04
8164	624895.56	4266530.31	0.0012066	4.15E-04	1.01E-03	3.11E-04	2.39E-04	7.95E-05	1.86E-04
8165	624886.36	4266533.94	0.0012107	4.16E-04	1.01E-03	3.12E-04	2.40E-04	7.98E-05	1.87E-04
8166	624877.16	4266537.56	0.0012137	4.17E-04	1.01E-03	3.12E-04	2.40E-04	8.00E-05	1.87E-04
8167	624867.97	4266541.18	0.0012155	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04
8168	624858.77	4266544.8	0.0012163	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04
8169	624849.57	4266548.42	0.0012161	4.18E-04	1.02E-03	3.13E-04	2.41E-04	8.01E-05	1.88E-04
8170	625247.63	4266148.76	0.00064372	2.21E-04	5.38E-04	1.66E-04	1.27E-04	4.24E-05	9.93E-05
8171	625247.79	4266138.83	0.00064407	2.21E-04	5.38E-04	1.66E-04	1.27E-04	4.24E-05	9.94E-05
8172	625247.96	4266128.89	0.00064435	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.94E-05
8173	625248.12	4266118.96	0.00064473	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05
8174	625248.28	4266109.03	0.0006453	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.96E-05
8175	625248.45	4266099.09	0.00064605	2.22E-04	5.40E-04	1.66E-04	1.28E-04	4.26E-05	9.97E-05
8176	625248.61	4266089.16	0.00064708	2.23E-04	5.41E-04	1.67E-04	1.28E-04	4.26E-05	9.98E-05
8177	625248.77	4266079.23	0.00064846	2.23E-04	5.42E-04	1.67E-04	1.28E-04	4.27E-05	1.00E-04
8178	625248.94	4266069.29	0.00065006	2.24E-04	5.43E-04	1.67E-04	1.29E-04	4.28E-05	1.00E-04
8179	625249.1	4266059.36	0.00065202	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.30E-05	1.01E-04
8180	625249.26	4266049.43	0.0006542	2.25E-04	5.47E-04	1.68E-04	1.29E-04	4.31E-05	1.01E-04
8181	625249.43	4266039.49	0.00065678	2.26E-04	5.49E-04	1.69E-04	1.30E-04	4.33E-05	1.01E-04
8182	625249.59	4266029.56	0.00065977	2.27E-04	5.51E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04
8183	625249.76	4266019.63	0.00066286	2.28E-04	5.54E-04	1.71E-04	1.31E-04	4.37E-05	1.02E-04
8184	625249.92	4266009.69	0.00066599	2.29E-04	5.57E-04	1.71E-04	1.32E-04	4.39E-05	1.03E-04
8185	625250.08	4265999.76	0.00066906	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.41E-05	1.03E-04
8186	625250.25	4265989.83	0.00067219	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04
8187	625250.41	4265979.89	0.00067535	2.32E-04	5.64E-04	1.74E-04	1.34E-04	4.45E-05	1.04E-04
8188	625250.57	4265969.96	0.00067851	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04
8189	625250.74	4265960.03	0.00068158	2.34E-04	5.70E-04	1.75E-04	1.35E-04	4.49E-05	1.05E-04
8190	625250.9	4265950.09	0.00068462	2.35E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04
8191	625251.06	4265940.16	0.00068752	2.36E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04
8192	625251.23	4265930.23	0.00069027	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04
8193	625251.39	4265920.29	0.00069289	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.57E-05	1.07E-04
8194	625251.55	4265910.36	0.00069527	2.39E-04	5.81E-04	1.79E-04	1.38E-04	4.58E-05	1.07E-04
8195	625251.72	4265900.43	0.00069739	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.59E-05	1.08E-04
8196	625251.88	4265890.49	0.00069931	2.40E-04	5.85E-04	1.80E-04	1.38E-04	4.61E-05	1.08E-04
8197	625252.04	4265880.56	0.00070095	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04
8198	625252.21	4265870.63	0.00070233	2.42E-04	5.87E-04	1.81E-04	1.39E-04	4.63E-05	1.08E-04
8199	625252.37	4265860.69	0.00070345	2.42E-04	5.88E-04	1.81E-04	1.39E-04	4.63E-05	1.09E-04
8200	625252.54	4265850.76	0.00070431	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
8201	625252.7	4265840.83	0.00070503	2.42E-04	5.89E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
8202	625252.86	4265830.89	0.00070574	2.43E-04	5.90E-04	1.82E-04	1.40E-04	4.65E-05	1.09E-04
8203	625253.03	4265820.96	0.00070658	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
8204	625253.19	4265811.03	0.00070747	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
8205	625253.35	4265801.09	0.0007083	2.44E-04	5.92E-04	1.82E-04	1.40E-04	4.67E-05	1.09E-04
8206	625253.52	4265791.16	0.00070904	2.44E-04	5.93E-04	1.83E-04	1.40E-04	4.67E-05	1.09E-04
8207	625253.68	4265781.23	0.00071008	2.44E-04	5.94E-04	1.83E-04	1.41E-04	4.68E-05	1.10E-04
8208	625253.84	4265771.29	0.00071143	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
8209	625254.01	4265761.36	0.00071309	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04
8210	625254.17	4265751.43	0.00071513	2.46E-04	5.98E-04	1.84E-04	1.42E-04	4.71E-05	1.10E-04
8211	625254.33	4265741.49	0.00071748	2.47E-04	6.00E-04	1.85E-04	1.42E-04	4.73E-05	1.11E-04
8212	625254.5	4265731.56	0.00072009	2.48E-04	6.02E-04	1.85E-04	1.43E-04	4.74E-05	1.11E-04

8213	625254.66	4265721.63	0.00072293	2.49E-04	6.04E-04	1.86E-04	1.43E-04	4.76E-05	1.12E-04
8214	625254.83	4265711.69	0.00072586	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04
8215	625254.99	4265701.76	0.00072885	2.51E-04	6.09E-04	1.88E-04	1.44E-04	4.80E-05	1.12E-04
8216	625255.15	4265691.83	0.00073175	2.52E-04	6.12E-04	1.88E-04	1.45E-04	4.82E-05	1.13E-04
8217	625255.32	4265681.89	0.00073447	2.53E-04	6.14E-04	1.89E-04	1.45E-04	4.84E-05	1.13E-04
8218	625285.69	4266186.62	0.00057851	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05
8219	625281.77	4266195.66	0.00058325	2.01E-04	4.88E-04	1.50E-04	1.15E-04	3.84E-05	9.00E-05
8220	625277.85	4266204.69	0.00058804	2.02E-04	4.92E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05
8221	625273.93	4266213.72	0.00059255	2.04E-04	4.95E-04	1.53E-04	1.17E-04	3.90E-05	9.14E-05
8222	625270.01	4266222.76	0.0005968	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05
8223	625266.09	4266231.79	0.00060076	2.07E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.27E-05
8224	625262.17	4266240.83	0.00060446	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.33E-05
8225	625258.25	4266249.86	0.0006079	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05
8226	625254.32	4266258.9	0.00061106	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05
8227	625250.4	4266267.93	0.00061387	2.11E-04	5.13E-04	1.58E-04	1.22E-04	4.04E-05	9.47E-05
8228	625246.48	4266276.96	0.00061666	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.52E-05
8229	625242.56	4266286	0.00061944	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05
8230	625207.27	4266367.31	0.00065503	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04
8231	625203.35	4266376.34	0.00065979	2.27E-04	5.51E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04
8232	625199.43	4266385.38	0.00066462	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.38E-05	1.03E-04
8233	625195.5	4266394.41	0.00066947	2.30E-04	5.60E-04	1.72E-04	1.33E-04	4.41E-05	1.03E-04
8234	625191.58	4266403.45	0.00067432	2.32E-04	5.64E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04
8235	625187.66	4266412.48	0.00067908	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04
8236	625183.74	4266421.51	0.00068376	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.50E-05	1.06E-04
8237	625179.82	4266430.55	0.00068832	2.37E-04	5.75E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04
8238	625175.9	4266439.58	0.00069268	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04
8239	625171.98	4266448.62	0.00069685	2.40E-04	5.82E-04	1.79E-04	1.38E-04	4.59E-05	1.08E-04
8240	625168.05	4266457.65	0.00070078	2.41E-04	5.86E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04
8241	625164.13	4266466.69	0.00070439	2.42E-04	5.89E-04	1.81E-04	1.39E-04	4.64E-05	1.09E-04
8242	625151.05	4266479.33	0.00072423	2.49E-04	6.05E-04	1.86E-04	1.43E-04	4.77E-05	1.12E-04
8243	625141.88	4266482.94	0.0007409	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04
8244	625132.72	4266486.55	0.00075769	2.61E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04
8245	625123.56	4266490.16	0.00077454	2.66E-04	6.47E-04	1.99E-04	1.53E-04	5.10E-05	1.20E-04
8246	625114.39	4266493.77	0.00079141	2.72E-04	6.61E-04	2.04E-04	1.57E-04	5.21E-05	1.22E-04
8247	625105.23	4266497.38	0.00080823	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04
8248	625096.07	4266500.98	0.00082496	2.84E-04	6.90E-04	2.12E-04	1.63E-04	5.44E-05	1.27E-04
8249	625086.9	4266504.59	0.0008415	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04
8250	625077.74	4266508.2	0.0008578	2.95E-04	7.17E-04	2.21E-04	1.70E-04	5.65E-05	1.32E-04
8251	625068.58	4266511.81	0.00087381	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.76E-05	1.35E-04
8252	625059.41	4266515.42	0.00088954	3.06E-04	7.44E-04	2.29E-04	1.76E-04	5.86E-05	1.37E-04
8253	625050.25	4266519.03	0.00090492	3.11E-04	7.56E-04	2.33E-04	1.79E-04	5.96E-05	1.40E-04
8254	625041.08	4266522.64	0.00091993	3.16E-04	7.69E-04	2.37E-04	1.82E-04	6.06E-05	1.42E-04
8255	625031.92	4266526.25	0.00093451	3.21E-04	7.81E-04	2.41E-04	1.85E-04	6.16E-05	1.44E-04
8256	625022.76	4266529.86	0.00094861	3.26E-04	7.93E-04	2.44E-04	1.88E-04	6.25E-05	1.46E-04
8257	625013.59	4266533.47	0.00096221	3.31E-04	8.04E-04	2.48E-04	1.90E-04	6.34E-05	1.48E-04
8258	625004.43	4266537.08	0.00097521	3.35E-04	8.15E-04	2.51E-04	1.93E-04	6.43E-05	1.50E-04
8259	624995.27	4266540.68	0.00098755	3.40E-04	8.25E-04	2.54E-04	1.95E-04	6.51E-05	1.52E-04
8260	624986.1	4266544.29	0.00099918	3.44E-04	8.35E-04	2.57E-04	1.98E-04	6.58E-05	1.54E-04
8261	624976.94	4266547.9	0.00101	3.47E-04	8.44E-04	2.60E-04	2.00E-04	6.65E-05	1.56E-04
8262	624967.78	4266551.51	0.0010199	3.51E-04	8.52E-04	2.63E-04	2.02E-04	6.72E-05	1.57E-04
8263	624958.61	4266555.12	0.001029	3.54E-04	8.60E-04	2.65E-04	2.04E-04	6.78E-05	1.59E-04
8264	624949.45	4266558.73	0.0010372	3.57E-04	8.67E-04	2.67E-04	2.05E-04	6.83E-05	1.60E-04

8265	624940.28	4266562.34	0.0010444	3.59E-04	8.73E-04	2.69E-04	2.07E-04	6.88E-05	1.61E-04
8266	624931.12	4266565.95	0.0010507	3.61E-04	8.78E-04	2.71E-04	2.08E-04	6.92E-05	1.62E-04
8267	624921.96	4266569.56	0.0010559	3.63E-04	8.83E-04	2.72E-04	2.09E-04	6.96E-05	1.63E-04
8268	624912.79	4266573.17	0.0010603	3.65E-04	8.86E-04	2.73E-04	2.10E-04	6.99E-05	1.64E-04
8269	624903.63	4266576.77	0.0010636	3.66E-04	8.89E-04	2.74E-04	2.11E-04	7.01E-05	1.64E-04
8270	624894.47	4266580.38	0.001066	3.67E-04	8.91E-04	2.74E-04	2.11E-04	7.02E-05	1.64E-04
8271	624885.3	4266583.99	0.0010675	3.67E-04	8.92E-04	2.75E-04	2.11E-04	7.03E-05	1.65E-04
8272	624876.14	4266587.6	0.0010681	3.67E-04	8.93E-04	2.75E-04	2.11E-04	7.04E-05	1.65E-04
8273	624866.98	4266591.21	0.0010679	3.67E-04	8.93E-04	2.75E-04	2.11E-04	7.04E-05	1.65E-04
8274	624857.81	4266594.82	0.0010671	3.67E-04	8.92E-04	2.75E-04	2.11E-04	7.03E-05	1.65E-04
8275	624848.65	4266598.43	0.0010654	3.66E-04	8.91E-04	2.74E-04	2.11E-04	7.02E-05	1.64E-04
8276	625297.62	4266149.58	0.00056348	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05
8277	625297.79	4266139.65	0.00056348	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.69E-05
8278	625297.95	4266129.72	0.00056356	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05
8279	625298.11	4266119.78	0.00056376	1.94E-04	4.71E-04	1.45E-04	1.12E-04	3.71E-05	8.70E-05
8280	625298.28	4266109.85	0.00056411	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.70E-05
8281	625298.44	4266099.92	0.0005648	1.94E-04	4.72E-04	1.45E-04	1.12E-04	3.72E-05	8.72E-05
8282	625298.6	4266089.98	0.00056574	1.95E-04	4.73E-04	1.46E-04	1.12E-04	3.73E-05	8.73E-05
8283	625298.77	4266080.05	0.00056695	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05
8284	625298.93	4266070.12	0.00056838	1.95E-04	4.75E-04	1.46E-04	1.13E-04	3.74E-05	8.77E-05
8285	625299.09	4266060.18	0.00057008	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.80E-05
8286	625299.26	4266050.25	0.00057194	1.97E-04	4.78E-04	1.47E-04	1.13E-04	3.77E-05	8.83E-05
8287	625299.42	4266040.32	0.00057395	1.97E-04	4.80E-04	1.48E-04	1.14E-04	3.78E-05	8.86E-05
8288	625299.59	4266030.38	0.00057602	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.80E-05	8.89E-05
8289	625299.75	4266020.45	0.00057823	1.99E-04	4.83E-04	1.49E-04	1.14E-04	3.81E-05	8.92E-05
8290	625299.91	4266010.52	0.00058052	2.00E-04	4.85E-04	1.49E-04	1.15E-04	3.82E-05	8.96E-05
8291	625300.08	4266000.58	0.00058288	2.00E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	8.99E-05
8292	625300.24	4265990.65	0.00058526	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.86E-05	9.03E-05
8293	625300.4	4265980.72	0.00058767	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.07E-05
8294	625300.57	4265970.78	0.00058999	2.03E-04	4.93E-04	1.52E-04	1.17E-04	3.89E-05	9.10E-05
8295	625300.73	4265960.85	0.00059232	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.14E-05
8296	625300.89	4265950.92	0.00059459	2.04E-04	4.97E-04	1.53E-04	1.18E-04	3.92E-05	9.17E-05
8297	625301.06	4265940.98	0.00059685	2.05E-04	4.99E-04	1.54E-04	1.18E-04	3.93E-05	9.21E-05
8298	625301.22	4265931.05	0.00059901	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.24E-05
8299	625301.38	4265921.12	0.0006009	2.07E-04	5.02E-04	1.55E-04	1.19E-04	3.96E-05	9.27E-05
8300	625301.55	4265911.18	0.00060248	2.07E-04	5.04E-04	1.55E-04	1.19E-04	3.97E-05	9.30E-05
8301	625301.71	4265901.25	0.00060389	2.08E-04	5.05E-04	1.55E-04	1.20E-04	3.98E-05	9.32E-05
8302	625301.87	4265891.32	0.00060512	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.34E-05
8303	625302.04	4265881.38	0.00060621	2.08E-04	5.07E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05
8304	625302.2	4265871.45	0.0006071	2.09E-04	5.07E-04	1.56E-04	1.20E-04	4.00E-05	9.37E-05
8305	625302.37	4265861.52	0.00060773	2.09E-04	5.08E-04	1.56E-04	1.20E-04	4.00E-05	9.38E-05
8306	625302.53	4265851.58	0.00060816	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05
8307	625302.69	4265841.65	0.00060851	2.09E-04	5.09E-04	1.57E-04	1.20E-04	4.01E-05	9.39E-05
8308	625302.86	4265831.72	0.00060879	2.09E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.39E-05
8309	625303.02	4265821.78	0.00060914	2.09E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.40E-05
8310	625303.18	4265811.85	0.00060957	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.41E-05
8311	625303.35	4265801.92	0.00061017	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05
8312	625303.51	4265791.98	0.00061103	2.10E-04	5.11E-04	1.57E-04	1.21E-04	4.03E-05	9.43E-05
8313	625303.67	4265782.05	0.00061218	2.11E-04	5.12E-04	1.58E-04	1.21E-04	4.03E-05	9.45E-05
8314	625303.84	4265772.12	0.00061364	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05
8315	625304	4265762.18	0.00061545	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.06E-05	9.50E-05
8316	625304.16	4265752.25	0.00061758	2.12E-04	5.16E-04	1.59E-04	1.22E-04	4.07E-05	9.53E-05

8317	625304.33	4265742.32	0.00062002	2.13E-04	5.18E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05
8318	625304.49	4265732.38	0.00062271	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05
8319	625304.65	4265722.45	0.00062558	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05
8320	625304.82	4265712.52	0.00062857	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05
8321	625304.98	4265702.58	0.00063161	2.17E-04	5.28E-04	1.63E-04	1.25E-04	4.16E-05	9.75E-05
8322	625305.15	4265692.65	0.00063457	2.18E-04	5.30E-04	1.63E-04	1.26E-04	4.18E-05	9.79E-05
8323	625305.31	4265682.72	0.00063744	2.19E-04	5.33E-04	1.64E-04	1.26E-04	4.20E-05	9.84E-05
8324	625335.72	4266187.37	0.00051164	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05
8325	625331.81	4266196.38	0.00051537	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.95E-05
8326	625327.9	4266205.38	0.0005191	1.79E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05
8327	625323.99	4266214.39	0.00052263	1.80E-04	4.37E-04	1.35E-04	1.03E-04	3.44E-05	8.06E-05
8328	625320.08	4266223.4	0.00052588	1.81E-04	4.40E-04	1.35E-04	1.04E-04	3.46E-05	8.11E-05
8329	625316.17	4266232.41	0.00052889	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05
8330	625312.26	4266241.42	0.00053162	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05
8331	625308.35	4266250.43	0.00053414	1.84E-04	4.46E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05
8332	625304.44	4266259.44	0.0005363	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.28E-05
8333	625300.53	4266268.44	0.00053816	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.30E-05
8334	625296.62	4266277.45	0.00053997	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05
8335	625292.71	4266286.46	0.00054175	1.86E-04	4.53E-04	1.39E-04	1.07E-04	3.57E-05	8.36E-05
8336	625257.52	4266367.54	0.00056712	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05
8337	625253.61	4266376.55	0.00057094	1.96E-04	4.77E-04	1.47E-04	1.13E-04	3.76E-05	8.81E-05
8338	625249.7	4266385.56	0.00057493	1.98E-04	4.81E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05
8339	625245.79	4266394.57	0.000579	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05
8340	625241.88	4266403.57	0.00058316	2.01E-04	4.87E-04	1.50E-04	1.15E-04	3.84E-05	9.00E-05
8341	625237.97	4266412.58	0.00058741	2.02E-04	4.91E-04	1.51E-04	1.16E-04	3.87E-05	9.06E-05
8342	625234.06	4266421.59	0.00059166	2.03E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.13E-05
8343	625230.15	4266430.6	0.00059588	2.05E-04	4.98E-04	1.53E-04	1.18E-04	3.93E-05	9.19E-05
8344	625226.24	4266439.61	0.00060007	2.06E-04	5.02E-04	1.54E-04	1.19E-04	3.95E-05	9.26E-05
8345	625222.33	4266448.62	0.00060417	2.08E-04	5.05E-04	1.56E-04	1.20E-04	3.98E-05	9.32E-05
8346	625218.42	4266457.63	0.00060816	2.09E-04	5.08E-04	1.57E-04	1.20E-04	4.01E-05	9.38E-05
8347	625214.51	4266466.63	0.00061204	2.10E-04	5.12E-04	1.58E-04	1.21E-04	4.03E-05	9.44E-05
8348	625210.6	4266475.64	0.00061574	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.50E-05
8349	625206.69	4266484.65	0.00061927	2.13E-04	5.18E-04	1.59E-04	1.23E-04	4.08E-05	9.56E-05
8350	625202.78	4266493.66	0.0006226	2.14E-04	5.20E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05
8351	625198.87	4266502.67	0.0006257	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05
8352	625185.82	4266515.28	0.00064217	2.21E-04	5.37E-04	1.65E-04	1.27E-04	4.23E-05	9.91E-05
8353	625176.68	4266518.88	0.00065592	2.26E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04
8354	625167.54	4266522.47	0.00066981	2.30E-04	5.60E-04	1.72E-04	1.33E-04	4.41E-05	1.03E-04
8355	625158.4	4266526.07	0.00068373	2.35E-04	5.71E-04	1.76E-04	1.35E-04	4.50E-05	1.06E-04
8356	625149.27	4266529.67	0.00069768	2.40E-04	5.83E-04	1.80E-04	1.38E-04	4.60E-05	1.08E-04
8357	625140.13	4266533.27	0.0007116	2.45E-04	5.95E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
8358	625130.99	4266536.87	0.00072546	2.49E-04	6.06E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04
8359	625121.85	4266540.47	0.00073921	2.54E-04	6.18E-04	1.90E-04	1.46E-04	4.87E-05	1.14E-04
8360	625112.72	4266544.07	0.00075275	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04
8361	625103.58	4266547.67	0.00076613	2.63E-04	6.40E-04	1.97E-04	1.52E-04	5.05E-05	1.18E-04
8362	625094.44	4266551.26	0.0007793	2.68E-04	6.51E-04	2.01E-04	1.54E-04	5.13E-05	1.20E-04
8363	625085.3	4266554.86	0.00079219	2.72E-04	6.62E-04	2.04E-04	1.57E-04	5.22E-05	1.22E-04
8364	625076.17	4266558.46	0.00080479	2.77E-04	6.73E-04	2.07E-04	1.59E-04	5.30E-05	1.24E-04
8365	625067.03	4266562.06	0.00081713	2.81E-04	6.83E-04	2.10E-04	1.62E-04	5.38E-05	1.26E-04
8366	625057.89	4266565.66	0.00082913	2.85E-04	6.93E-04	2.13E-04	1.64E-04	5.46E-05	1.28E-04
8367	625048.75	4266569.26	0.00084075	2.89E-04	7.03E-04	2.16E-04	1.66E-04	5.54E-05	1.30E-04
8368	625039.62	4266572.86	0.00085197	2.93E-04	7.12E-04	2.19E-04	1.69E-04	5.61E-05	1.31E-04

8369	625030.48	4266576.46	0.00086276	2.97E-04	7.21E-04	2.22E-04	1.71E-04	5.68E-05	1.33E-04
8370	625021.34	4266580.05	0.00087307	3.00E-04	7.30E-04	2.25E-04	1.73E-04	5.75E-05	1.35E-04
8371	625012.2	4266583.65	0.00088282	3.04E-04	7.38E-04	2.27E-04	1.75E-04	5.82E-05	1.36E-04
8372	625003.07	4266587.25	0.00089195	3.07E-04	7.46E-04	2.30E-04	1.77E-04	5.88E-05	1.38E-04
8373	624993.93	4266590.85	0.00090048	3.10E-04	7.53E-04	2.32E-04	1.78E-04	5.93E-05	1.39E-04
8374	624984.79	4266594.45	0.00090834	3.12E-04	7.59E-04	2.34E-04	1.80E-04	5.98E-05	1.40E-04
8375	624975.65	4266598.05	0.00091549	3.15E-04	7.65E-04	2.36E-04	1.81E-04	6.03E-05	1.41E-04
8376	624966.52	4266601.65	0.00092194	3.17E-04	7.71E-04	2.37E-04	1.82E-04	6.07E-05	1.42E-04
8377	624957.38	4266605.25	0.00092768	3.19E-04	7.75E-04	2.39E-04	1.84E-04	6.11E-05	1.43E-04
8378	624948.24	4266608.84	0.00093271	3.21E-04	7.80E-04	2.40E-04	1.85E-04	6.15E-05	1.44E-04
8379	624939.1	4266612.44	0.00093698	3.22E-04	7.83E-04	2.41E-04	1.85E-04	6.17E-05	1.45E-04
8380	624929.97	4266616.04	0.00094048	3.23E-04	7.86E-04	2.42E-04	1.86E-04	6.20E-05	1.45E-04
8381	624920.83	4266619.64	0.00094324	3.24E-04	7.88E-04	2.43E-04	1.87E-04	6.21E-05	1.46E-04
8382	624911.69	4266623.24	0.00094522	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.23E-05	1.46E-04
8383	624902.55	4266626.84	0.00094648	3.25E-04	7.91E-04	2.44E-04	1.87E-04	6.24E-05	1.46E-04
8384	624893.42	4266630.44	0.00094703	3.26E-04	7.92E-04	2.44E-04	1.87E-04	6.24E-05	1.46E-04
8385	624884.28	4266634.04	0.00094688	3.26E-04	7.91E-04	2.44E-04	1.87E-04	6.24E-05	1.46E-04
8386	624875.14	4266637.64	0.00094611	3.25E-04	7.91E-04	2.44E-04	1.87E-04	6.23E-05	1.46E-04
8387	624866	4266641.23	0.00094476	3.25E-04	7.90E-04	2.43E-04	1.87E-04	6.22E-05	1.46E-04
8388	624856.87	4266644.83	0.00094287	3.24E-04	7.88E-04	2.43E-04	1.87E-04	6.21E-05	1.45E-04
8389	624847.73	4266648.43	0.00094051	3.23E-04	7.86E-04	2.42E-04	1.86E-04	6.20E-05	1.45E-04
8390	625347.62	4266150.41	0.00049976	1.72E-04	4.18E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05
8391	625347.78	4266140.47	0.00049976	1.72E-04	4.18E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05
8392	625347.94	4266130.54	0.0004999	1.72E-04	4.18E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05
8393	625348.11	4266120.61	0.00050028	1.72E-04	4.18E-04	1.29E-04	9.90E-05	3.30E-05	7.72E-05
8394	625348.27	4266110.67	0.00050079	1.72E-04	4.19E-04	1.29E-04	9.91E-05	3.30E-05	7.73E-05
8395	625348.43	4266100.74	0.00050137	1.72E-04	4.19E-04	1.29E-04	9.92E-05	3.30E-05	7.74E-05
8396	625348.6	4266090.81	0.00050194	1.73E-04	4.20E-04	1.29E-04	9.94E-05	3.31E-05	7.75E-05
8397	625348.76	4266080.87	0.00050272	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.76E-05
8398	625348.92	4266070.94	0.00050369	1.73E-04	4.21E-04	1.30E-04	9.97E-05	3.32E-05	7.77E-05
8399	625349.09	4266061.01	0.00050481	1.74E-04	4.22E-04	1.30E-04	9.99E-05	3.33E-05	7.79E-05
8400	625349.25	4266051.07	0.00050613	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.81E-05
8401	625349.41	4266041.14	0.00050762	1.75E-04	4.24E-04	1.31E-04	1.00E-04	3.34E-05	7.83E-05
8402	625349.58	4266031.21	0.0005092	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.35E-05	7.86E-05
8403	625349.74	4266021.27	0.00051095	1.76E-04	4.27E-04	1.32E-04	1.01E-04	3.37E-05	7.88E-05
8404	625349.91	4266011.34	0.00051279	1.76E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.91E-05
8405	625350.07	4266001.41	0.00051477	1.77E-04	4.30E-04	1.33E-04	1.02E-04	3.39E-05	7.94E-05
8406	625350.23	4265991.47	0.00051675	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05
8407	625350.4	4265981.54	0.00051862	1.78E-04	4.33E-04	1.34E-04	1.03E-04	3.42E-05	8.00E-05
8408	625350.56	4265971.61	0.00052034	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05
8409	625350.72	4265961.67	0.00052195	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.44E-05	8.05E-05
8410	625350.89	4265951.74	0.00052347	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05
8411	625351.05	4265941.81	0.00052487	1.80E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05
8412	625351.21	4265931.87	0.00052614	1.81E-04	4.40E-04	1.35E-04	1.04E-04	3.47E-05	8.12E-05
8413	625351.38	4265921.94	0.00052726	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.47E-05	8.14E-05
8414	625351.54	4265912.01	0.00052817	1.82E-04	4.41E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05
8415	625351.7	4265902.07	0.00052895	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.16E-05
8416	625351.87	4265892.14	0.00052955	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05
8417	625352.03	4265882.21	0.00053001	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.18E-05
8418	625352.19	4265872.27	0.0005303	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.49E-05	8.18E-05
8419	625352.36	4265862.34	0.0005305	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05
8420	625352.52	4265852.41	0.00053064	1.82E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05

8421	625352.69	4265842.47	0.00053073	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05
8422	625352.85	4265832.54	0.0005309	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05
8423	625353.01	4265822.61	0.00053113	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05
8424	625353.18	4265812.67	0.00053153	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05
8425	625353.34	4265802.74	0.00053216	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.21E-05
8426	625353.5	4265792.81	0.00053305	1.83E-04	4.46E-04	1.37E-04	1.06E-04	3.51E-05	8.23E-05
8427	625353.67	4265782.87	0.00053423	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.52E-05	8.24E-05
8428	625353.83	4265772.94	0.00053575	1.84E-04	4.48E-04	1.38E-04	1.06E-04	3.53E-05	8.27E-05
8429	625353.99	4265763.01	0.00053756	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
8430	625354.16	4265753.07	0.00053968	1.86E-04	4.51E-04	1.39E-04	1.07E-04	3.56E-05	8.33E-05
8431	625354.32	4265743.14	0.00054206	1.86E-04	4.53E-04	1.40E-04	1.07E-04	3.57E-05	8.36E-05
8432	625354.48	4265733.21	0.00054468	1.87E-04	4.55E-04	1.40E-04	1.08E-04	3.59E-05	8.40E-05
8433	625354.65	4265723.27	0.00054746	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.45E-05
8434	625354.81	4265713.34	0.00055039	1.89E-04	4.60E-04	1.42E-04	1.09E-04	3.63E-05	8.49E-05
8435	625354.98	4265703.41	0.00055343	1.90E-04	4.63E-04	1.42E-04	1.10E-04	3.65E-05	8.54E-05
8436	625355.14	4265693.47	0.00055647	1.91E-04	4.65E-04	1.43E-04	1.10E-04	3.67E-05	8.59E-05
8437	625355.3	4265683.54	0.00055934	1.92E-04	4.68E-04	1.44E-04	1.11E-04	3.69E-05	8.63E-05
8438	625385.74	4266188.13	0.00045866	1.58E-04	3.83E-04	1.18E-04	9.08E-05	3.02E-05	7.08E-05
8439	625381.84	4266197.11	0.00046179	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.13E-05
8440	625377.94	4266206.1	0.00046457	1.60E-04	3.88E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05
8441	625374.04	4266215.09	0.00046716	1.61E-04	3.90E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05
8442	625370.14	4266224.08	0.00046951	1.61E-04	3.92E-04	1.21E-04	9.29E-05	3.09E-05	7.24E-05
8443	625366.24	4266233.07	0.00047181	1.62E-04	3.94E-04	1.21E-04	9.34E-05	3.11E-05	7.28E-05
8444	625362.34	4266242.05	0.00047387	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05
8445	625358.43	4266251.04	0.00047574	1.64E-04	3.98E-04	1.22E-04	9.42E-05	3.13E-05	7.34E-05
8446	625354.53	4266260.03	0.00047729	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.14E-05	7.36E-05
8447	625350.63	4266269.02	0.00047849	1.65E-04	4.00E-04	1.23E-04	9.47E-05	3.15E-05	7.38E-05
8448	625346.73	4266278	0.00047956	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.40E-05
8449	625342.83	4266286.99	0.0004805	1.65E-04	4.02E-04	1.24E-04	9.51E-05	3.17E-05	7.41E-05
8450	625307.72	4266367.88	0.00049672	1.71E-04	4.15E-04	1.28E-04	9.83E-05	3.27E-05	7.66E-05
8451	625303.82	4266376.87	0.00049956	1.72E-04	4.18E-04	1.29E-04	9.89E-05	3.29E-05	7.71E-05
8452	625299.92	4266385.86	0.0005026	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.76E-05
8453	625296.02	4266394.84	0.00050584	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.33E-05	7.81E-05
8454	625292.12	4266403.83	0.00050926	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.86E-05
8455	625288.21	4266412.82	0.00051279	1.76E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.91E-05
8456	625284.31	4266421.81	0.00051641	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05
8457	625280.41	4266430.79	0.00052011	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05
8458	625276.51	4266439.78	0.00052384	1.80E-04	4.38E-04	1.35E-04	1.04E-04	3.45E-05	8.08E-05
8459	625272.61	4266448.77	0.0005276	1.81E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.14E-05
8460	625268.71	4266457.76	0.00053136	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05
8461	625264.81	4266466.75	0.00053506	1.84E-04	4.47E-04	1.38E-04	1.06E-04	3.53E-05	8.26E-05
8462	625260.91	4266475.73	0.00053871	1.85E-04	4.50E-04	1.39E-04	1.07E-04	3.55E-05	8.31E-05
8463	625257.01	4266484.72	0.00054224	1.86E-04	4.53E-04	1.40E-04	1.07E-04	3.57E-05	8.37E-05
8464	625253.11	4266493.71	0.00054571	1.88E-04	4.56E-04	1.40E-04	1.08E-04	3.60E-05	8.42E-05
8465	625249.2	4266502.7	0.00054904	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.47E-05
8466	625245.3	4266511.68	0.00055222	1.90E-04	4.62E-04	1.42E-04	1.09E-04	3.64E-05	8.52E-05
8467	625241.4	4266520.67	0.00055524	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05
8468	625237.5	4266529.66	0.00055808	1.92E-04	4.66E-04	1.44E-04	1.10E-04	3.68E-05	8.61E-05
8469	625233.6	4266538.65	0.00056075	1.93E-04	4.69E-04	1.44E-04	1.11E-04	3.69E-05	8.65E-05
8470	625220.58	4266551.22	0.00057461	1.98E-04	4.80E-04	1.48E-04	1.14E-04	3.79E-05	8.87E-05
8471	625211.47	4266554.82	0.00058606	2.02E-04	4.90E-04	1.51E-04	1.16E-04	3.86E-05	9.04E-05
8472	625202.35	4266558.41	0.00059766	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.22E-05

8473	625193.23	4266562	0.00060928	2.10E-04	5.09E-04	1.57E-04	1.21E-04	4.01E-05	9.40E-05
8474	625184.12	4266565.59	0.00062093	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05
8475	625175	4266569.18	0.00063259	2.18E-04	5.29E-04	1.63E-04	1.25E-04	4.17E-05	9.76E-05
8476	625165.88	4266572.77	0.00064421	2.22E-04	5.38E-04	1.66E-04	1.28E-04	4.24E-05	9.94E-05
8477	625156.77	4266576.36	0.00065575	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04
8478	625147.65	4266579.95	0.00066717	2.29E-04	5.58E-04	1.72E-04	1.32E-04	4.40E-05	1.03E-04
8479	625138.54	4266583.54	0.00067842	2.33E-04	5.67E-04	1.75E-04	1.34E-04	4.47E-05	1.05E-04
8480	625129.42	4266587.13	0.00068953	2.37E-04	5.76E-04	1.78E-04	1.36E-04	4.54E-05	1.06E-04
8481	625120.3	4266590.72	0.00070046	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.62E-05	1.08E-04
8482	625111.19	4266594.31	0.00071117	2.45E-04	5.94E-04	1.83E-04	1.41E-04	4.69E-05	1.10E-04
8483	625102.07	4266597.9	0.00072164	2.48E-04	6.03E-04	1.86E-04	1.43E-04	4.75E-05	1.11E-04
8484	625092.95	4266601.49	0.00073189	2.52E-04	6.12E-04	1.88E-04	1.45E-04	4.82E-05	1.13E-04
8485	625083.84	4266605.08	0.00074188	2.55E-04	6.20E-04	1.91E-04	1.47E-04	4.89E-05	1.14E-04
8486	625074.72	4266608.67	0.00075158	2.58E-04	6.28E-04	1.94E-04	1.49E-04	4.95E-05	1.16E-04
8487	625065.61	4266612.26	0.00076096	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04
8488	625056.49	4266615.85	0.00077003	2.65E-04	6.44E-04	1.98E-04	1.52E-04	5.07E-05	1.19E-04
8489	625047.37	4266619.44	0.0007787	2.68E-04	6.51E-04	2.00E-04	1.54E-04	5.13E-05	1.20E-04
8490	625038.26	4266623.03	0.00078694	2.71E-04	6.58E-04	2.03E-04	1.56E-04	5.18E-05	1.21E-04
8491	625029.14	4266626.62	0.00079474	2.73E-04	6.64E-04	2.05E-04	1.57E-04	5.24E-05	1.23E-04
8492	625020.02	4266630.21	0.00080203	2.76E-04	6.70E-04	2.06E-04	1.59E-04	5.28E-05	1.24E-04
8493	625010.91	4266633.8	0.00080881	2.78E-04	6.76E-04	2.08E-04	1.60E-04	5.33E-05	1.25E-04
8494	625001.79	4266637.39	0.00081509	2.80E-04	6.81E-04	2.10E-04	1.61E-04	5.37E-05	1.26E-04
8495	624992.68	4266640.99	0.00082077	2.82E-04	6.86E-04	2.11E-04	1.62E-04	5.41E-05	1.27E-04
8496	624983.56	4266644.58	0.00082597	2.84E-04	6.90E-04	2.13E-04	1.63E-04	5.44E-05	1.27E-04
8497	624974.44	4266648.17	0.00083059	2.86E-04	6.94E-04	2.14E-04	1.64E-04	5.47E-05	1.28E-04
8498	624965.33	4266651.76	0.00083464	2.87E-04	6.98E-04	2.15E-04	1.65E-04	5.50E-05	1.29E-04
8499	624956.21	4266655.35	0.00083814	2.88E-04	7.01E-04	2.16E-04	1.66E-04	5.52E-05	1.29E-04
8500	624947.09	4266658.94	0.00084104	2.89E-04	7.03E-04	2.17E-04	1.66E-04	5.54E-05	1.30E-04
8501	624937.98	4266662.53	0.00084333	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04
8502	624928.86	4266666.12	0.00084506	2.91E-04	7.06E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04
8503	624919.75	4266669.71	0.00084615	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.58E-05	1.31E-04
8504	624910.63	4266673.3	0.00084663	2.91E-04	7.08E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04
8505	624901.51	4266676.89	0.00084658	2.91E-04	7.08E-04	2.18E-04	1.68E-04	5.58E-05	1.31E-04
8506	624892.4	4266680.48	0.00084594	2.91E-04	7.07E-04	2.18E-04	1.67E-04	5.57E-05	1.31E-04
8507	624883.28	4266684.07	0.00084483	2.91E-04	7.06E-04	2.18E-04	1.67E-04	5.57E-05	1.30E-04
8508	624874.16	4266687.66	0.00084322	2.90E-04	7.05E-04	2.17E-04	1.67E-04	5.56E-05	1.30E-04
8509	624865.05	4266691.25	0.00084121	2.89E-04	7.03E-04	2.17E-04	1.67E-04	5.54E-05	1.30E-04
8510	624855.93	4266694.84	0.00083883	2.88E-04	7.01E-04	2.16E-04	1.66E-04	5.53E-05	1.29E-04
8511	624846.82	4266698.43	0.0008361	2.88E-04	6.99E-04	2.15E-04	1.65E-04	5.51E-05	1.29E-04
8512	625397.61	4266151.23	0.0004487	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.92E-05
8513	625397.77	4266141.3	0.00044885	1.54E-04	3.75E-04	1.16E-04	8.88E-05	2.96E-05	6.93E-05
8514	625397.94	4266131.36	0.00044893	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05
8515	625398.1	4266121.43	0.00044902	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05
8516	625398.26	4266111.5	0.00044919	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05
8517	625398.43	4266101.56	0.00044942	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.93E-05
8518	625398.59	4266091.63	0.00044979	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05
8519	625398.75	4266081.7	0.00045031	1.55E-04	3.76E-04	1.16E-04	8.91E-05	2.97E-05	6.95E-05
8520	625398.92	4266071.76	0.00045103	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05
8521	625399.08	4266061.83	0.000452	1.55E-04	3.78E-04	1.16E-04	8.95E-05	2.98E-05	6.97E-05
8522	625399.24	4266051.9	0.00045312	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.99E-05	6.99E-05
8523	625399.41	4266041.96	0.0004543	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05
8524	625399.57	4266032.03	0.00045545	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05

8525	625399.74	4266022.1	0.00045668	1.57E-04	3.82E-04	1.18E-04	9.04E-05	3.01E-05	7.05E-05
8526	625399.9	4266012.16	0.00045792	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.07E-05
8527	625400.06	4266002.23	0.00045918	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05
8528	625400.23	4265992.3	0.00046041	1.58E-04	3.85E-04	1.19E-04	9.11E-05	3.03E-05	7.10E-05
8529	625400.39	4265982.36	0.00046162	1.59E-04	3.86E-04	1.19E-04	9.14E-05	3.04E-05	7.12E-05
8530	625400.55	4265972.43	0.00046279	1.59E-04	3.87E-04	1.19E-04	9.16E-05	3.05E-05	7.14E-05
8531	625400.72	4265962.5	0.00046383	1.60E-04	3.88E-04	1.19E-04	9.18E-05	3.06E-05	7.16E-05
8532	625400.88	4265952.56	0.0004648	1.60E-04	3.89E-04	1.20E-04	9.20E-05	3.06E-05	7.17E-05
8533	625401.04	4265942.63	0.00046564	1.60E-04	3.89E-04	1.20E-04	9.22E-05	3.07E-05	7.19E-05
8534	625401.21	4265932.7	0.00046635	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.20E-05
8535	625401.37	4265922.76	0.00046693	1.61E-04	3.90E-04	1.20E-04	9.24E-05	3.08E-05	7.20E-05
8536	625401.53	4265912.83	0.00046736	1.61E-04	3.91E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05
8537	625401.7	4265902.9	0.00046764	1.61E-04	3.91E-04	1.20E-04	9.26E-05	3.08E-05	7.22E-05
8538	625401.86	4265892.96	0.00046785	1.61E-04	3.91E-04	1.20E-04	9.26E-05	3.08E-05	7.22E-05
8539	625402.02	4265883.03	0.00046808	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05
8540	625402.19	4265873.1	0.00046816	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05
8541	625402.35	4265863.16	0.00046819	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05
8542	625402.52	4265853.23	0.0004681	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05
8543	625402.68	4265843.3	0.0004681	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05
8544	625402.84	4265833.36	0.00046816	1.61E-04	3.91E-04	1.21E-04	9.27E-05	3.08E-05	7.22E-05
8545	625403.01	4265823.43	0.00046839	1.61E-04	3.92E-04	1.21E-04	9.27E-05	3.09E-05	7.23E-05
8546	625403.17	4265813.5	0.00046882	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.23E-05
8547	625403.33	4265803.56	0.00046945	1.61E-04	3.92E-04	1.21E-04	9.29E-05	3.09E-05	7.24E-05
8548	625403.5	4265793.63	0.00047037	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05
8549	625403.66	4265783.7	0.00047161	1.62E-04	3.94E-04	1.21E-04	9.33E-05	3.11E-05	7.28E-05
8550	625403.82	4265773.76	0.0004731	1.63E-04	3.95E-04	1.22E-04	9.36E-05	3.12E-05	7.30E-05
8551	625403.99	4265763.83	0.00047485	1.63E-04	3.97E-04	1.22E-04	9.40E-05	3.13E-05	7.33E-05
8552	625404.15	4265753.9	0.00047691	1.64E-04	3.99E-04	1.23E-04	9.44E-05	3.14E-05	7.36E-05
8553	625404.31	4265743.96	0.00047921	1.65E-04	4.01E-04	1.23E-04	9.49E-05	3.16E-05	7.39E-05
8554	625404.48	4265734.03	0.00048168	1.66E-04	4.03E-04	1.24E-04	9.53E-05	3.17E-05	7.43E-05
8555	625404.64	4265724.1	0.00048432	1.67E-04	4.05E-04	1.25E-04	9.59E-05	3.19E-05	7.47E-05
8556	625404.8	4265714.16	0.00048707	1.67E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05
8557	625404.97	4265704.23	0.00048986	1.68E-04	4.09E-04	1.26E-04	9.70E-05	3.23E-05	7.56E-05
8558	625405.13	4265694.3	0.00049264	1.69E-04	4.12E-04	1.27E-04	9.75E-05	3.25E-05	7.60E-05
8559	625405.3	4265684.36	0.00049537	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.64E-05
8560	625435.76	4266188.9	0.00041492	1.43E-04	3.47E-04	1.07E-04	8.21E-05	2.73E-05	6.40E-05
8561	625431.86	4266197.87	0.00041753	1.44E-04	3.49E-04	1.08E-04	8.26E-05	2.75E-05	6.44E-05
8562	625427.97	4266206.84	0.00041997	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05
8563	625424.08	4266215.81	0.00042215	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.51E-05
8564	625420.18	4266224.78	0.00042411	1.46E-04	3.54E-04	1.09E-04	8.39E-05	2.79E-05	6.54E-05
8565	625416.29	4266233.75	0.0004258	1.46E-04	3.56E-04	1.10E-04	8.43E-05	2.81E-05	6.57E-05
8566	625412.4	4266242.72	0.00042726	1.47E-04	3.57E-04	1.10E-04	8.46E-05	2.82E-05	6.59E-05
8567	625408.5	4266251.69	0.00042861	1.47E-04	3.58E-04	1.10E-04	8.48E-05	2.82E-05	6.61E-05
8568	625404.61	4266260.66	0.00042979	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.63E-05
8569	625400.72	4266269.63	0.00043076	1.48E-04	3.60E-04	1.11E-04	8.53E-05	2.84E-05	6.65E-05
8570	625396.82	4266278.6	0.00043157	1.48E-04	3.61E-04	1.11E-04	8.54E-05	2.84E-05	6.66E-05
8571	625392.93	4266287.57	0.0004322	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.67E-05
8572	625357.89	4266368.3	0.00044024	1.51E-04	3.68E-04	1.13E-04	8.71E-05	2.90E-05	6.79E-05
8573	625353.99	4266377.27	0.00044213	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05
8574	625350.1	4266386.24	0.00044425	1.53E-04	3.71E-04	1.14E-04	8.79E-05	2.93E-05	6.86E-05
8575	625346.21	4266395.21	0.00044658	1.54E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05
8576	625342.31	4266404.19	0.00044913	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05

8577	625338.42	4266413.16	0.00045186	1.55E-04	3.78E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05
8578	625334.53	4266422.13	0.00045476	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05
8579	625330.63	4266431.1	0.00045777	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05
8580	625326.74	4266440.07	0.00046093	1.59E-04	3.85E-04	1.19E-04	9.12E-05	3.04E-05	7.11E-05
8581	625322.85	4266449.04	0.00046414	1.60E-04	3.88E-04	1.20E-04	9.19E-05	3.06E-05	7.16E-05
8582	625318.95	4266458.01	0.00046744	1.61E-04	3.91E-04	1.20E-04	9.25E-05	3.08E-05	7.21E-05
8583	625315.06	4266466.98	0.00047077	1.62E-04	3.93E-04	1.21E-04	9.32E-05	3.10E-05	7.26E-05
8584	625311.16	4266475.95	0.00047416	1.63E-04	3.96E-04	1.22E-04	9.39E-05	3.12E-05	7.32E-05
8585	625307.27	4266484.92	0.00047749	1.64E-04	3.99E-04	1.23E-04	9.45E-05	3.15E-05	7.37E-05
8586	625303.38	4266493.89	0.00048079	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05
8587	625299.48	4266502.86	0.00048406	1.66E-04	4.05E-04	1.25E-04	9.58E-05	3.19E-05	7.47E-05
8588	625295.59	4266511.83	0.00048725	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05
8589	625291.7	4266520.8	0.00049035	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05
8590	625287.8	4266529.77	0.00049336	1.70E-04	4.12E-04	1.27E-04	9.77E-05	3.25E-05	7.61E-05
8591	625283.91	4266538.74	0.00049626	1.71E-04	4.15E-04	1.28E-04	9.82E-05	3.27E-05	7.66E-05
8592	625280.02	4266547.71	0.00049901	1.72E-04	4.17E-04	1.28E-04	9.88E-05	3.29E-05	7.70E-05
8593	625276.12	4266556.68	0.00050163	1.72E-04	4.19E-04	1.29E-04	9.93E-05	3.30E-05	7.74E-05
8594	625272.23	4266565.65	0.00050409	1.73E-04	4.21E-04	1.30E-04	9.98E-05	3.32E-05	7.78E-05
8595	625268.34	4266574.62	0.00050642	1.74E-04	4.23E-04	1.30E-04	1.00E-04	3.34E-05	7.81E-05
8596	625255.34	4266587.17	0.00051819	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.41E-05	8.00E-05
8597	625246.24	4266590.76	0.00052789	1.82E-04	4.41E-04	1.36E-04	1.04E-04	3.48E-05	8.15E-05
8598	625237.15	4266594.34	0.00053765	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.30E-05
8599	625228.05	4266597.93	0.00054746	1.88E-04	4.58E-04	1.41E-04	1.08E-04	3.61E-05	8.45E-05
8600	625218.95	4266601.51	0.00055728	1.92E-04	4.66E-04	1.43E-04	1.10E-04	3.67E-05	8.60E-05
8601	625209.85	4266605.09	0.00056712	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.75E-05
8602	625200.75	4266608.68	0.00057694	1.98E-04	4.82E-04	1.49E-04	1.14E-04	3.80E-05	8.90E-05
8603	625191.65	4266612.26	0.00058669	2.02E-04	4.90E-04	1.51E-04	1.16E-04	3.87E-05	9.05E-05
8604	625182.55	4266615.84	0.00059639	2.05E-04	4.98E-04	1.54E-04	1.18E-04	3.93E-05	9.20E-05
8605	625173.46	4266619.43	0.00060595	2.08E-04	5.06E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05
8606	625164.36	4266623.01	0.00061542	2.12E-04	5.14E-04	1.58E-04	1.22E-04	4.05E-05	9.50E-05
8607	625155.26	4266626.59	0.00062475	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05
8608	625146.16	4266630.18	0.00063391	2.18E-04	5.30E-04	1.63E-04	1.25E-04	4.18E-05	9.78E-05
8609	625137.06	4266633.76	0.00064289	2.21E-04	5.37E-04	1.66E-04	1.27E-04	4.24E-05	9.92E-05
8610	625127.96	4266637.34	0.0006517	2.24E-04	5.45E-04	1.68E-04	1.29E-04	4.29E-05	1.01E-04
8611	625118.86	4266640.93	0.00066031	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04
8612	625109.77	4266644.51	0.00066872	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.41E-05	1.03E-04
8613	625100.67	4266648.09	0.0006769	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04
8614	625091.57	4266651.68	0.00068482	2.35E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04
8615	625082.47	4266655.26	0.00069251	2.38E-04	5.79E-04	1.78E-04	1.37E-04	4.56E-05	1.07E-04
8616	625073.37	4266658.84	0.00069986	2.41E-04	5.85E-04	1.80E-04	1.39E-04	4.61E-05	1.08E-04
8617	625064.27	4266662.43	0.00070689	2.43E-04	5.91E-04	1.82E-04	1.40E-04	4.66E-05	1.09E-04
8618	625055.17	4266666.01	0.00071358	2.45E-04	5.96E-04	1.84E-04	1.41E-04	4.70E-05	1.10E-04
8619	625046.08	4266669.59	0.00071986	2.48E-04	6.02E-04	1.85E-04	1.42E-04	4.74E-05	1.11E-04
8620	625036.98	4266673.18	0.00072575	2.50E-04	6.07E-04	1.87E-04	1.44E-04	4.78E-05	1.12E-04
8621	625027.88	4266676.76	0.00073126	2.51E-04	6.11E-04	1.88E-04	1.45E-04	4.82E-05	1.13E-04
8622	625018.78	4266680.34	0.00073631	2.53E-04	6.15E-04	1.90E-04	1.46E-04	4.85E-05	1.14E-04
8623	625009.68	4266683.93	0.00074093	2.55E-04	6.19E-04	1.91E-04	1.47E-04	4.88E-05	1.14E-04
8624	625000.58	4266687.51	0.00074515	2.56E-04	6.23E-04	1.92E-04	1.47E-04	4.91E-05	1.15E-04
8625	624991.48	4266691.1	0.00074891	2.58E-04	6.26E-04	1.93E-04	1.48E-04	4.93E-05	1.16E-04
8626	624982.38	4266694.68	0.00075224	2.59E-04	6.29E-04	1.94E-04	1.49E-04	4.96E-05	1.16E-04
8627	624973.29	4266698.26	0.00075514	2.60E-04	6.31E-04	1.94E-04	1.49E-04	4.98E-05	1.17E-04
8628	624964.19	4266701.85	0.00075755	2.61E-04	6.33E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04

8629	624955.09	4266705.43	0.0007595	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.00E-05	1.17E-04
8630	624945.99	4266709.01	0.00076099	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04
8631	624936.89	4266712.6	0.00076197	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04
8632	624927.79	4266716.18	0.00076246	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04
8633	624918.69	4266719.76	0.00076246	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04
8634	624909.6	4266723.35	0.000762	2.62E-04	6.37E-04	1.96E-04	1.51E-04	5.02E-05	1.18E-04
8635	624900.5	4266726.93	0.00076108	2.62E-04	6.36E-04	1.96E-04	1.51E-04	5.01E-05	1.17E-04
8636	624891.4	4266730.51	0.00075979	2.61E-04	6.35E-04	1.96E-04	1.50E-04	5.01E-05	1.17E-04
8637	624882.3	4266734.1	0.00075806	2.61E-04	6.34E-04	1.95E-04	1.50E-04	4.99E-05	1.17E-04
8638	624873.2	4266737.68	0.00075606	2.60E-04	6.32E-04	1.95E-04	1.50E-04	4.98E-05	1.17E-04
8639	624864.1	4266741.26	0.00075376	2.59E-04	6.30E-04	1.94E-04	1.49E-04	4.97E-05	1.16E-04
8640	624855	4266744.85	0.00075115	2.58E-04	6.28E-04	1.93E-04	1.49E-04	4.95E-05	1.16E-04
8641	624845.91	4266748.43	0.00074833	2.57E-04	6.25E-04	1.93E-04	1.48E-04	4.93E-05	1.15E-04
8642	625447.44	4266161.99	0.00040671	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05
8643	625447.6	4266152.05	0.00040671	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05
8644	625447.77	4266142.12	0.00040669	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05
8645	625447.93	4266132.19	0.00040666	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05
8646	625448.09	4266122.25	0.00040657	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05
8647	625448.26	4266112.32	0.00040654	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05
8648	625448.42	4266102.39	0.0004066	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05
8649	625448.58	4266092.45	0.00040686	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.28E-05
8650	625448.75	4266082.52	0.0004072	1.40E-04	3.40E-04	1.05E-04	8.06E-05	2.68E-05	6.28E-05
8651	625448.91	4266072.59	0.00040769	1.40E-04	3.41E-04	1.05E-04	8.07E-05	2.69E-05	6.29E-05
8652	625449.07	4266062.65	0.00040826	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05
8653	625449.24	4266052.72	0.00040892	1.41E-04	3.42E-04	1.05E-04	8.09E-05	2.69E-05	6.31E-05
8654	625449.4	4266042.79	0.00040967	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05
8655	625449.56	4266032.85	0.00041039	1.41E-04	3.43E-04	1.06E-04	8.12E-05	2.70E-05	6.33E-05
8656	625449.73	4266022.92	0.00041116	1.41E-04	3.44E-04	1.06E-04	8.14E-05	2.71E-05	6.34E-05
8657	625449.89	4266012.99	0.00041197	1.42E-04	3.44E-04	1.06E-04	8.15E-05	2.71E-05	6.36E-05
8658	625450.06	4266003.05	0.00041277	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05
8659	625450.22	4265993.12	0.00041357	1.42E-04	3.46E-04	1.06E-04	8.19E-05	2.72E-05	6.38E-05
8660	625450.38	4265983.19	0.00041435	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05
8661	625450.55	4265973.25	0.00041512	1.43E-04	3.47E-04	1.07E-04	8.22E-05	2.74E-05	6.41E-05
8662	625450.71	4265963.32	0.00041581	1.43E-04	3.48E-04	1.07E-04	8.23E-05	2.74E-05	6.42E-05
8663	625450.87	4265953.39	0.00041636	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05
8664	625451.04	4265943.45	0.00041679	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.75E-05	6.43E-05
8665	625451.2	4265933.52	0.0004171	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05
8666	625451.36	4265923.59	0.0004173	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05
8667	625451.53	4265913.65	0.00041733	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05
8668	625451.69	4265903.72	0.00041728	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05
8669	625451.85	4265893.79	0.0004171	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05
8670	625452.02	4265883.85	0.00041687	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.75E-05	6.43E-05
8671	625452.18	4265873.92	0.00041664	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.75E-05	6.43E-05
8672	625452.34	4265863.99	0.00041641	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.43E-05
8673	625452.51	4265854.05	0.00041621	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05
8674	625452.67	4265844.12	0.00041613	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05
8675	625452.84	4265834.19	0.00041618	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05
8676	625453	4265824.25	0.00041641	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.43E-05
8677	625453.16	4265814.32	0.00041684	1.43E-04	3.48E-04	1.07E-04	8.25E-05	2.75E-05	6.43E-05
8678	625453.33	4265804.39	0.00041753	1.44E-04	3.49E-04	1.08E-04	8.26E-05	2.75E-05	6.44E-05
8679	625453.49	4265794.45	0.00041854	1.44E-04	3.50E-04	1.08E-04	8.28E-05	2.76E-05	6.46E-05
8680	625453.65	4265784.52	0.00041977	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05

8681	625453.82	4265774.59	0.00042124	1.45E-04	3.52E-04	1.08E-04	8.34E-05	2.78E-05	6.50E-05
8682	625453.98	4265764.65	0.00042296	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05
8683	625454.14	4265754.72	0.00042494	1.46E-04	3.55E-04	1.09E-04	8.41E-05	2.80E-05	6.56E-05
8684	625454.31	4265744.79	0.00042709	1.47E-04	3.57E-04	1.10E-04	8.45E-05	2.81E-05	6.59E-05
8685	625454.47	4265734.85	0.00042944	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.63E-05
8686	625454.63	4265724.92	0.00043191	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.66E-05
8687	625454.8	4265714.99	0.00043447	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05
8688	625454.96	4265705.05	0.00043708	1.50E-04	3.65E-04	1.13E-04	8.65E-05	2.88E-05	6.74E-05
8689	625455.13	4265695.12	0.00043969	1.51E-04	3.68E-04	1.13E-04	8.70E-05	2.90E-05	6.78E-05
8690	625455.29	4265685.19	0.00044227	1.52E-04	3.70E-04	1.14E-04	8.75E-05	2.91E-05	6.82E-05
8691	625485.77	4266189.68	0.00037862	1.30E-04	3.16E-04	9.75E-05	7.49E-05	2.49E-05	5.84E-05
8692	625481.88	4266198.63	0.00038077	1.31E-04	3.18E-04	9.80E-05	7.54E-05	2.51E-05	5.88E-05
8693	625478	4266207.59	0.00038286	1.32E-04	3.20E-04	9.86E-05	7.58E-05	2.52E-05	5.91E-05
8694	625474.11	4266216.54	0.00038479	1.32E-04	3.22E-04	9.91E-05	7.62E-05	2.54E-05	5.94E-05
8695	625470.22	4266225.5	0.00038654	1.33E-04	3.23E-04	9.95E-05	7.65E-05	2.55E-05	5.96E-05
8696	625466.33	4266234.46	0.00038789	1.33E-04	3.24E-04	9.99E-05	7.68E-05	2.56E-05	5.99E-05
8697	625462.45	4266243.41	0.00038903	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.00E-05
8698	625458.56	4266252.37	0.00038995	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05
8699	625454.67	4266261.32	0.00039079	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.57E-05	6.03E-05
8700	625450.79	4266270.28	0.00039145	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05
8701	625446.9	4266279.23	0.00039196	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05
8702	625443.01	4266288.19	0.00039225	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05
8703	625408.03	4266368.79	0.00039483	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.09E-05
8704	625404.14	4266377.75	0.00039587	1.36E-04	3.31E-04	1.02E-04	7.84E-05	2.61E-05	6.11E-05
8705	625400.25	4266386.7	0.00039713	1.37E-04	3.32E-04	1.02E-04	7.86E-05	2.62E-05	6.13E-05
8706	625396.37	4266395.66	0.00039862	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05
8707	625392.48	4266404.61	0.00040031	1.38E-04	3.35E-04	1.03E-04	7.92E-05	2.64E-05	6.18E-05
8708	625388.59	4266413.57	0.00040224	1.38E-04	3.36E-04	1.04E-04	7.96E-05	2.65E-05	6.21E-05
8709	625384.7	4266422.52	0.00040433	1.39E-04	3.38E-04	1.04E-04	8.00E-05	2.66E-05	6.24E-05
8710	625380.82	4266431.48	0.00040663	1.40E-04	3.40E-04	1.05E-04	8.05E-05	2.68E-05	6.27E-05
8711	625376.93	4266440.44	0.00040907	1.41E-04	3.42E-04	1.05E-04	8.10E-05	2.70E-05	6.31E-05
8712	625373.04	4266449.39	0.00041165	1.42E-04	3.44E-04	1.06E-04	8.15E-05	2.71E-05	6.35E-05
8713	625369.15	4266458.35	0.00041435	1.42E-04	3.46E-04	1.07E-04	8.20E-05	2.73E-05	6.39E-05
8714	625365.27	4266467.3	0.00041716	1.43E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05
8715	625361.38	4266476.26	0.00042003	1.44E-04	3.51E-04	1.08E-04	8.31E-05	2.77E-05	6.48E-05
8716	625357.49	4266485.21	0.00042299	1.45E-04	3.54E-04	1.09E-04	8.37E-05	2.79E-05	6.53E-05
8717	625353.61	4266494.17	0.00042597	1.46E-04	3.56E-04	1.10E-04	8.43E-05	2.81E-05	6.57E-05
8718	625349.72	4266503.12	0.00042899	1.48E-04	3.59E-04	1.10E-04	8.49E-05	2.83E-05	6.62E-05
8719	625345.83	4266512.08	0.00043197	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.67E-05
8720	625341.94	4266521.04	0.00043495	1.50E-04	3.64E-04	1.12E-04	8.61E-05	2.87E-05	6.71E-05
8721	625338.06	4266529.99	0.00043791	1.51E-04	3.66E-04	1.13E-04	8.67E-05	2.89E-05	6.76E-05
8722	625334.17	4266538.95	0.00044081	1.52E-04	3.68E-04	1.13E-04	8.73E-05	2.90E-05	6.80E-05
8723	625330.28	4266547.9	0.00044362	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05
8724	625326.4	4266556.86	0.00044635	1.53E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05
8725	625322.51	4266565.81	0.00044902	1.54E-04	3.75E-04	1.16E-04	8.89E-05	2.96E-05	6.93E-05
8726	625318.62	4266574.77	0.00045154	1.55E-04	3.77E-04	1.16E-04	8.94E-05	2.98E-05	6.97E-05
8727	625314.73	4266583.73	0.00045398	1.56E-04	3.79E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05
8728	625310.85	4266592.68	0.00045625	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.01E-05	7.04E-05
8729	625306.96	4266601.64	0.00045843	1.58E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05
8730	625303.07	4266610.59	0.00046047	1.58E-04	3.85E-04	1.19E-04	9.11E-05	3.03E-05	7.11E-05
8731	625290.1	4266623.13	0.00047057	1.62E-04	3.93E-04	1.21E-04	9.31E-05	3.10E-05	7.26E-05
8732	625281.02	4266626.7	0.00047884	1.65E-04	4.00E-04	1.23E-04	9.48E-05	3.15E-05	7.39E-05

8733	625271.93	4266630.28	0.00048716	1.68E-04	4.07E-04	1.25E-04	9.64E-05	3.21E-05	7.52E-05
8734	625262.85	4266633.86	0.00049548	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.65E-05
8735	625253.77	4266637.44	0.00050386	1.73E-04	4.21E-04	1.30E-04	9.97E-05	3.32E-05	7.77E-05
8736	625244.68	4266641.01	0.00051225	1.76E-04	4.28E-04	1.32E-04	1.01E-04	3.38E-05	7.90E-05
8737	625235.6	4266644.59	0.0005206	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05
8738	625226.52	4266648.17	0.00052892	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.48E-05	8.16E-05
8739	625217.43	4266651.75	0.00053719	1.85E-04	4.49E-04	1.38E-04	1.06E-04	3.54E-05	8.29E-05
8740	625208.35	4266655.32	0.00054537	1.88E-04	4.56E-04	1.40E-04	1.08E-04	3.59E-05	8.42E-05
8741	625199.26	4266658.9	0.00055349	1.90E-04	4.63E-04	1.43E-04	1.10E-04	3.65E-05	8.54E-05
8742	625190.18	4266662.48	0.00056147	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.66E-05
8743	625181.1	4266666.06	0.00056936	1.96E-04	4.76E-04	1.47E-04	1.13E-04	3.75E-05	8.79E-05
8744	625172.01	4266669.63	0.00057711	1.98E-04	4.82E-04	1.49E-04	1.14E-04	3.80E-05	8.91E-05
8745	625162.93	4266673.21	0.00058471	2.01E-04	4.89E-04	1.51E-04	1.16E-04	3.85E-05	9.02E-05
8746	625153.85	4266676.79	0.00059218	2.04E-04	4.95E-04	1.52E-04	1.17E-04	3.90E-05	9.14E-05
8747	625144.76	4266680.37	0.00059949	2.06E-04	5.01E-04	1.54E-04	1.19E-04	3.95E-05	9.25E-05
8748	625135.68	4266683.95	0.00060664	2.09E-04	5.07E-04	1.56E-04	1.20E-04	4.00E-05	9.36E-05
8749	625126.59	4266687.52	0.00061362	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05
8750	625117.51	4266691.1	0.00062039	2.13E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.57E-05
8751	625108.43	4266694.68	0.00062693	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05
8752	625099.34	4266698.26	0.00063325	2.18E-04	5.29E-04	1.63E-04	1.25E-04	4.17E-05	9.77E-05
8753	625090.26	4266701.83	0.0006393	2.20E-04	5.34E-04	1.65E-04	1.27E-04	4.21E-05	9.86E-05
8754	625081.18	4266705.41	0.00064507	2.22E-04	5.39E-04	1.66E-04	1.28E-04	4.25E-05	9.95E-05
8755	625072.09	4266708.99	0.00065055	2.24E-04	5.44E-04	1.67E-04	1.29E-04	4.29E-05	1.00E-04
8756	625063.01	4266712.57	0.00065569	2.25E-04	5.48E-04	1.69E-04	1.30E-04	4.32E-05	1.01E-04
8757	625053.92	4266716.14	0.00066051	2.27E-04	5.52E-04	1.70E-04	1.31E-04	4.35E-05	1.02E-04
8758	625044.84	4266719.72	0.00066499	2.29E-04	5.56E-04	1.71E-04	1.32E-04	4.38E-05	1.03E-04
8759	625035.76	4266723.3	0.00066912	2.30E-04	5.59E-04	1.72E-04	1.32E-04	4.41E-05	1.03E-04
8760	625026.67	4266726.88	0.00067291	2.31E-04	5.62E-04	1.73E-04	1.33E-04	4.43E-05	1.04E-04
8761	625017.59	4266730.45	0.00067638	2.33E-04	5.65E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04
8762	625008.51	4266734.03	0.00067948	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.48E-05	1.05E-04
8763	624999.42	4266737.61	0.00068227	2.35E-04	5.70E-04	1.76E-04	1.35E-04	4.50E-05	1.05E-04
8764	624990.34	4266741.19	0.00068468	2.35E-04	5.72E-04	1.76E-04	1.36E-04	4.51E-05	1.06E-04
8765	624981.25	4266744.76	0.00068674	2.36E-04	5.74E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04
8766	624972.17	4266748.34	0.00068844	2.37E-04	5.75E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04
8767	624963.09	4266751.92	0.00068973	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.54E-05	1.06E-04
8768	624954	4266755.5	0.00069062	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04
8769	624944.92	4266759.08	0.00069111	2.38E-04	5.78E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04
8770	624935.84	4266762.65	0.00069122	2.38E-04	5.78E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04
8771	624926.75	4266766.23	0.00069091	2.38E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04
8772	624917.67	4266769.81	0.00069022	2.37E-04	5.77E-04	1.78E-04	1.37E-04	4.55E-05	1.07E-04
8773	624908.58	4266773.39	0.00068915	2.37E-04	5.76E-04	1.77E-04	1.36E-04	4.54E-05	1.06E-04
8774	624899.5	4266776.96	0.00068778	2.37E-04	5.75E-04	1.77E-04	1.36E-04	4.53E-05	1.06E-04
8775	624890.42	4266780.54	0.00068608	2.36E-04	5.73E-04	1.77E-04	1.36E-04	4.52E-05	1.06E-04
8776	624881.33	4266784.12	0.0006841	2.35E-04	5.72E-04	1.76E-04	1.35E-04	4.51E-05	1.06E-04
8777	624872.25	4266787.7	0.00068189	2.34E-04	5.70E-04	1.76E-04	1.35E-04	4.49E-05	1.05E-04
8778	624863.17	4266791.27	0.00067948	2.34E-04	5.68E-04	1.75E-04	1.34E-04	4.48E-05	1.05E-04
8779	624854.08	4266794.85	0.00067684	2.33E-04	5.66E-04	1.74E-04	1.34E-04	4.46E-05	1.04E-04
8780	624845	4266798.43	0.00067403	2.32E-04	5.63E-04	1.74E-04	1.33E-04	4.44E-05	1.04E-04
8781	625497.43	4266162.81	0.0003717	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.74E-05
8782	625497.6	4266152.88	0.00037153	1.28E-04	3.11E-04	9.57E-05	7.35E-05	2.45E-05	5.73E-05
8783	625497.76	4266142.94	0.00037133	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05
8784	625497.92	4266133.01	0.00037113	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05

8785	625498.09	4266123.08	0.00037107	1.28E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.73E-05
8786	625498.25	4266113.14	0.00037107	1.28E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.73E-05
8787	625498.41	4266103.21	0.0003711	1.28E-04	3.10E-04	9.55E-05	7.35E-05	2.45E-05	5.73E-05
8788	625498.58	4266093.28	0.00037104	1.28E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.73E-05
8789	625498.74	4266083.34	0.00037107	1.28E-04	3.10E-04	9.55E-05	7.34E-05	2.44E-05	5.73E-05
8790	625498.9	4266073.41	0.00037118	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05
8791	625499.07	4266063.48	0.00037138	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05
8792	625499.23	4266053.54	0.00037164	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.73E-05
8793	625499.39	4266043.61	0.00037201	1.28E-04	3.11E-04	9.58E-05	7.36E-05	2.45E-05	5.74E-05
8794	625499.56	4266033.68	0.00037242	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05
8795	625499.72	4266023.74	0.00037288	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05
8796	625499.89	4266013.81	0.00037334	1.28E-04	3.12E-04	9.61E-05	7.39E-05	2.46E-05	5.76E-05
8797	625500.05	4266003.88	0.00037385	1.29E-04	3.12E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05
8798	625500.21	4265993.94	0.00037434	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05
8799	625500.38	4265984.01	0.00037474	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.78E-05
8800	625500.54	4265974.08	0.00037506	1.29E-04	3.13E-04	9.66E-05	7.42E-05	2.47E-05	5.79E-05
8801	625500.7	4265964.14	0.00037526	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05
8802	625500.87	4265954.21	0.0003754	1.29E-04	3.14E-04	9.67E-05	7.43E-05	2.47E-05	5.79E-05
8803	625501.03	4265944.28	0.00037543	1.29E-04	3.14E-04	9.67E-05	7.43E-05	2.47E-05	5.79E-05
8804	625501.19	4265934.34	0.00037537	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05
8805	625501.36	4265924.41	0.0003752	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05
8806	625501.52	4265914.48	0.00037497	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.79E-05
8807	625501.68	4265904.54	0.00037468	1.29E-04	3.13E-04	9.65E-05	7.42E-05	2.47E-05	5.78E-05
8808	625501.85	4265894.61	0.00037431	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05
8809	625502.01	4265884.68	0.00037394	1.29E-04	3.13E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05
8810	625502.17	4265874.74	0.00037356	1.28E-04	3.12E-04	9.62E-05	7.39E-05	2.46E-05	5.76E-05
8811	625502.34	4265864.81	0.00037322	1.28E-04	3.12E-04	9.61E-05	7.39E-05	2.46E-05	5.76E-05
8812	625502.5	4265854.88	0.00037302	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.76E-05
8813	625502.67	4265844.94	0.0003729	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05
8814	625502.83	4265835.01	0.00037288	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05
8815	625502.99	4265825.08	0.00037313	1.28E-04	3.12E-04	9.61E-05	7.39E-05	2.46E-05	5.76E-05
8816	625503.16	4265815.14	0.00037359	1.28E-04	3.12E-04	9.62E-05	7.39E-05	2.46E-05	5.76E-05
8817	625503.32	4265805.21	0.00037431	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05
8818	625503.48	4265795.28	0.00037526	1.29E-04	3.14E-04	9.66E-05	7.43E-05	2.47E-05	5.79E-05
8819	625503.65	4265785.34	0.00037646	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05
8820	625503.81	4265775.41	0.0003779	1.30E-04	3.16E-04	9.73E-05	7.48E-05	2.49E-05	5.83E-05
8821	625503.97	4265765.48	0.00037948	1.30E-04	3.17E-04	9.77E-05	7.51E-05	2.50E-05	5.86E-05
8822	625504.14	4265755.54	0.00038129	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.88E-05
8823	625504.3	4265745.61	0.00038327	1.32E-04	3.20E-04	9.87E-05	7.59E-05	2.53E-05	5.91E-05
8824	625504.46	4265735.68	0.00038548	1.33E-04	3.22E-04	9.92E-05	7.63E-05	2.54E-05	5.95E-05
8825	625504.63	4265725.74	0.00038777	1.33E-04	3.24E-04	9.98E-05	7.68E-05	2.55E-05	5.98E-05
8826	625504.79	4265715.81	0.00039018	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05
8827	625504.95	4265705.88	0.00039259	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05
8828	625505.12	4265695.94	0.00039503	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.10E-05
8829	625505.28	4265686.01	0.00039747	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.13E-05
8830	625535.56	4266190.96	0.00034837	1.20E-04	2.91E-04	8.97E-05	6.90E-05	2.30E-05	5.38E-05
8831	625531.61	4266200.07	0.00035029	1.20E-04	2.93E-04	9.02E-05	6.93E-05	2.31E-05	5.41E-05
8832	625527.66	4266209.18	0.00035201	1.21E-04	2.94E-04	9.06E-05	6.97E-05	2.32E-05	5.43E-05
8833	625523.7	4266218.29	0.00035356	1.22E-04	2.96E-04	9.10E-05	7.00E-05	2.33E-05	5.46E-05
8834	625519.75	4266227.39	0.00035494	1.22E-04	2.97E-04	9.14E-05	7.03E-05	2.34E-05	5.48E-05
8835	625515.8	4266236.5	0.0003562	1.22E-04	2.98E-04	9.17E-05	7.05E-05	2.35E-05	5.50E-05
8836	625511.84	4266245.61	0.00035723	1.23E-04	2.99E-04	9.20E-05	7.07E-05	2.35E-05	5.51E-05

8837	625507.89	4266254.72	0.00035798	1.23E-04	2.99E-04	9.22E-05	7.09E-05	2.36E-05	5.52E-05
8838	625503.94	4266263.83	0.00035853	1.23E-04	3.00E-04	9.23E-05	7.10E-05	2.36E-05	5.53E-05
8839	625499.98	4266272.94	0.0003589	1.23E-04	3.00E-04	9.24E-05	7.10E-05	2.36E-05	5.54E-05
8840	625496.03	4266282.05	0.00035913	1.23E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05
8841	625492.07	4266291.16	0.00035913	1.23E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05
8842	625456.49	4266373.13	0.00035818	1.23E-04	2.99E-04	9.22E-05	7.09E-05	2.36E-05	5.53E-05
8843	625452.54	4266382.24	0.00035864	1.23E-04	3.00E-04	9.23E-05	7.10E-05	2.36E-05	5.53E-05
8844	625448.58	4266391.35	0.0003593	1.24E-04	3.00E-04	9.25E-05	7.11E-05	2.37E-05	5.54E-05
8845	625444.63	4266400.46	0.00036016	1.24E-04	3.01E-04	9.27E-05	7.13E-05	2.37E-05	5.56E-05
8846	625440.68	4266409.57	0.00036125	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.57E-05
8847	625436.72	4266418.68	0.00036254	1.25E-04	3.03E-04	9.33E-05	7.18E-05	2.39E-05	5.59E-05
8848	625432.77	4266427.79	0.00036401	1.25E-04	3.04E-04	9.37E-05	7.21E-05	2.40E-05	5.62E-05
8849	625428.82	4266436.9	0.0003657	1.26E-04	3.06E-04	9.42E-05	7.24E-05	2.41E-05	5.64E-05
8850	625424.86	4266446	0.00036757	1.26E-04	3.07E-04	9.46E-05	7.28E-05	2.42E-05	5.67E-05
8851	625420.91	4266455.11	0.00036958	1.27E-04	3.09E-04	9.52E-05	7.32E-05	2.44E-05	5.70E-05
8852	625416.96	4266464.22	0.00037173	1.28E-04	3.11E-04	9.57E-05	7.36E-05	2.45E-05	5.74E-05
8853	625413	4266473.33	0.00037405	1.29E-04	3.13E-04	9.63E-05	7.40E-05	2.46E-05	5.77E-05
8854	625409.05	4266482.44	0.00037646	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05
8855	625405.09	4266491.55	0.00037899	1.30E-04	3.17E-04	9.76E-05	7.50E-05	2.50E-05	5.85E-05
8856	625401.14	4266500.66	0.0003816	1.31E-04	3.19E-04	9.82E-05	7.55E-05	2.51E-05	5.89E-05
8857	625397.19	4266509.77	0.00038427	1.32E-04	3.21E-04	9.89E-05	7.61E-05	2.53E-05	5.93E-05
8858	625393.23	4266518.87	0.000387	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05
8859	625389.28	4266527.98	0.00038972	1.34E-04	3.26E-04	1.00E-04	7.71E-05	2.57E-05	6.01E-05
8860	625385.33	4266537.09	0.00039248	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05
8861	625381.37	4266546.2	0.00039523	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.10E-05
8862	625377.42	4266555.31	0.00039796	1.37E-04	3.33E-04	1.02E-04	7.88E-05	2.62E-05	6.14E-05
8863	625373.47	4266564.42	0.00040066	1.38E-04	3.35E-04	1.03E-04	7.93E-05	2.64E-05	6.18E-05
8864	625369.51	4266573.53	0.0004033	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05
8865	625365.56	4266582.63	0.00040585	1.40E-04	3.39E-04	1.04E-04	8.03E-05	2.67E-05	6.26E-05
8866	625361.6	4266591.74	0.00040838	1.40E-04	3.41E-04	1.05E-04	8.08E-05	2.69E-05	6.30E-05
8867	625357.65	4266600.85	0.00041076	1.41E-04	3.43E-04	1.06E-04	8.13E-05	2.71E-05	6.34E-05
8868	625353.7	4266609.96	0.00041306	1.42E-04	3.45E-04	1.06E-04	8.18E-05	2.72E-05	6.37E-05
8869	625349.74	4266619.07	0.00041527	1.43E-04	3.47E-04	1.07E-04	8.22E-05	2.74E-05	6.41E-05
8870	625345.79	4266628.18	0.00041736	1.44E-04	3.49E-04	1.07E-04	8.26E-05	2.75E-05	6.44E-05
8871	625341.84	4266637.29	0.00041931	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05
8872	625337.88	4266646.4	0.00042115	1.45E-04	3.52E-04	1.08E-04	8.34E-05	2.77E-05	6.50E-05
8873	625324.69	4266659.14	0.00043008	1.48E-04	3.59E-04	1.11E-04	8.51E-05	2.83E-05	6.64E-05
8874	625315.45	4266662.78	0.00043734	1.50E-04	3.66E-04	1.13E-04	8.66E-05	2.88E-05	6.75E-05
8875	625306.21	4266666.42	0.0004446	1.53E-04	3.72E-04	1.14E-04	8.80E-05	2.93E-05	6.86E-05
8876	625296.97	4266670.06	0.00045192	1.55E-04	3.78E-04	1.16E-04	8.95E-05	2.98E-05	6.97E-05
8877	625287.73	4266673.7	0.00045924	1.58E-04	3.84E-04	1.18E-04	9.09E-05	3.03E-05	7.09E-05
8878	625278.49	4266677.34	0.00046655	1.60E-04	3.90E-04	1.20E-04	9.23E-05	3.07E-05	7.20E-05
8879	625269.26	4266680.98	0.00047382	1.63E-04	3.96E-04	1.22E-04	9.38E-05	3.12E-05	7.31E-05
8880	625260.02	4266684.61	0.00048111	1.65E-04	4.02E-04	1.24E-04	9.52E-05	3.17E-05	7.42E-05
8881	625250.78	4266688.25	0.00048831	1.68E-04	4.08E-04	1.26E-04	9.67E-05	3.22E-05	7.53E-05
8882	625241.54	4266691.89	0.00049548	1.70E-04	4.14E-04	1.28E-04	9.81E-05	3.26E-05	7.65E-05
8883	625232.3	4266695.53	0.00050257	1.73E-04	4.20E-04	1.29E-04	9.95E-05	3.31E-05	7.75E-05
8884	625223.06	4266699.17	0.00050958	1.75E-04	4.26E-04	1.31E-04	1.01E-04	3.36E-05	7.86E-05
8885	625213.82	4266702.81	0.00051649	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05
8886	625204.58	4266706.45	0.00052329	1.80E-04	4.37E-04	1.35E-04	1.04E-04	3.45E-05	8.07E-05
8887	625195.34	4266710.09	0.00053001	1.82E-04	4.43E-04	1.36E-04	1.05E-04	3.49E-05	8.18E-05
8888	625186.1	4266713.73	0.00053658	1.85E-04	4.48E-04	1.38E-04	1.06E-04	3.54E-05	8.28E-05

8889	625176.87	4266717.36	0.00054307	1.87E-04	4.54E-04	1.40E-04	1.07E-04	3.58E-05	8.38E-05
8890	625167.63	4266721	0.00054938	1.89E-04	4.59E-04	1.41E-04	1.09E-04	3.62E-05	8.48E-05
8891	625158.39	4266724.64	0.00055558	1.91E-04	4.64E-04	1.43E-04	1.10E-04	3.66E-05	8.57E-05
8892	625149.15	4266728.28	0.00056164	1.93E-04	4.69E-04	1.45E-04	1.11E-04	3.70E-05	8.67E-05
8893	625139.91	4266731.92	0.00056749	1.95E-04	4.74E-04	1.46E-04	1.12E-04	3.74E-05	8.76E-05
8894	625130.67	4266735.56	0.00057318	1.97E-04	4.79E-04	1.48E-04	1.13E-04	3.78E-05	8.84E-05
8895	625121.43	4266739.2	0.00057866	1.99E-04	4.84E-04	1.49E-04	1.15E-04	3.81E-05	8.93E-05
8896	625112.19	4266742.84	0.00058391	2.01E-04	4.88E-04	1.50E-04	1.16E-04	3.85E-05	9.01E-05
8897	625102.95	4266746.47	0.00058893	2.03E-04	4.92E-04	1.52E-04	1.17E-04	3.88E-05	9.09E-05
8898	625093.71	4266750.11	0.0005937	2.04E-04	4.96E-04	1.53E-04	1.18E-04	3.91E-05	9.16E-05
8899	625084.48	4266753.75	0.00059815	2.06E-04	5.00E-04	1.54E-04	1.18E-04	3.94E-05	9.23E-05
8900	625075.24	4266757.39	0.00060234	2.07E-04	5.03E-04	1.55E-04	1.19E-04	3.97E-05	9.29E-05
8901	625066	4266761.03	0.00060624	2.08E-04	5.07E-04	1.56E-04	1.20E-04	3.99E-05	9.35E-05
8902	625056.76	4266764.67	0.00060986	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.41E-05
8903	625047.52	4266768.31	0.00061318	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.46E-05
8904	625038.28	4266771.95	0.00061623	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05
8905	625029.04	4266775.58	0.00061901	2.13E-04	5.17E-04	1.59E-04	1.23E-04	4.08E-05	9.55E-05
8906	625019.8	4266779.22	0.00062148	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.59E-05
8907	625010.56	4266782.86	0.00062369	2.14E-04	5.21E-04	1.61E-04	1.23E-04	4.11E-05	9.62E-05
8908	625001.32	4266786.5	0.00062558	2.15E-04	5.23E-04	1.61E-04	1.24E-04	4.12E-05	9.65E-05
8909	624992.08	4266790.14	0.00062719	2.16E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.68E-05
8910	624982.85	4266793.78	0.00062845	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.70E-05
8911	624973.61	4266797.42	0.00062943	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.71E-05
8912	624964.37	4266801.06	0.00063003	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.72E-05
8913	624955.13	4266804.69	0.00063032	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.73E-05
8914	624945.89	4266808.33	0.00063023	2.17E-04	5.27E-04	1.62E-04	1.25E-04	4.15E-05	9.72E-05
8915	624936.65	4266811.97	0.0006298	2.17E-04	5.26E-04	1.62E-04	1.25E-04	4.15E-05	9.72E-05
8916	624927.41	4266815.61	0.00062906	2.16E-04	5.26E-04	1.62E-04	1.25E-04	4.14E-05	9.71E-05
8917	624918.17	4266819.25	0.00062797	2.16E-04	5.25E-04	1.62E-04	1.24E-04	4.14E-05	9.69E-05
8918	624908.93	4266822.89	0.00062659	2.15E-04	5.24E-04	1.61E-04	1.24E-04	4.13E-05	9.67E-05
8919	624899.69	4266826.53	0.00062492	2.15E-04	5.22E-04	1.61E-04	1.24E-04	4.12E-05	9.64E-05
8920	624890.46	4266830.17	0.000623	2.14E-04	5.21E-04	1.60E-04	1.23E-04	4.10E-05	9.61E-05
8921	624881.22	4266833.8	0.0006209	2.14E-04	5.19E-04	1.60E-04	1.23E-04	4.09E-05	9.58E-05
8922	624871.98	4266837.44	0.00061858	2.13E-04	5.17E-04	1.59E-04	1.22E-04	4.08E-05	9.55E-05
8923	624862.74	4266841.08	0.00061608	2.12E-04	5.15E-04	1.59E-04	1.22E-04	4.06E-05	9.51E-05
8924	624853.5	4266844.72	0.00061341	2.11E-04	5.13E-04	1.58E-04	1.21E-04	4.04E-05	9.47E-05
8925	624844.26	4266848.36	0.0006106	2.10E-04	5.10E-04	1.57E-04	1.21E-04	4.02E-05	9.42E-05
8926	625547.43	4266163.63	0.00034171	1.18E-04	2.86E-04	8.80E-05	6.76E-05	2.25E-05	5.27E-05
8927	625547.59	4266153.7	0.00034156	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05
8928	625547.75	4266143.77	0.00034136	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05
8929	625547.92	4266133.83	0.00034113	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05
8930	625548.08	4266123.9	0.00034085	1.17E-04	2.85E-04	8.78E-05	6.75E-05	2.25E-05	5.26E-05
8931	625548.24	4266113.97	0.00034056	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05
8932	625548.41	4266104.03	0.0003403	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05
8933	625548.57	4266094.1	0.00034007	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05
8934	625548.73	4266084.17	0.00033993	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.25E-05
8935	625548.9	4266074.23	0.00033981	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05
8936	625549.06	4266064.3	0.0003399	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05
8937	625549.22	4266054.37	0.00033996	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.25E-05
8938	625549.39	4266044.43	0.00034007	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05
8939	625549.55	4266034.5	0.00034019	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05
8940	625549.71	4266024.57	0.0003403	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05

8941	625549.88	4266014.63	0.00034042	1.17E-04	2.85E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05
8942	625550.04	4266004.7	0.00034053	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.25E-05
8943	625550.21	4265994.77	0.00034059	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05
8944	625550.37	4265984.83	0.00034062	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05
8945	625550.53	4265974.9	0.00034062	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05
8946	625550.7	4265964.97	0.0003405	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.25E-05
8947	625550.86	4265955.03	0.00034033	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05
8948	625551.02	4265945.1	0.00034016	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05
8949	625551.19	4265935.17	0.00033984	1.17E-04	2.84E-04	8.75E-05	6.73E-05	2.24E-05	5.24E-05
8950	625551.35	4265925.23	0.00033947	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05
8951	625551.51	4265915.3	0.00033895	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05
8952	625551.68	4265905.37	0.00033846	1.16E-04	2.83E-04	8.71E-05	6.70E-05	2.23E-05	5.22E-05
8953	625551.84	4265895.43	0.00033795	1.16E-04	2.82E-04	8.70E-05	6.69E-05	2.23E-05	5.21E-05
8954	625552	4265885.5	0.00033749	1.16E-04	2.82E-04	8.69E-05	6.68E-05	2.22E-05	5.21E-05
8955	625552.17	4265875.57	0.00033703	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05
8956	625552.33	4265865.63	0.00033668	1.16E-04	2.81E-04	8.67E-05	6.66E-05	2.22E-05	5.20E-05
8957	625552.49	4265855.7	0.00033643	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05
8958	625552.66	4265845.77	0.00033634	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05
8959	625552.82	4265835.83	0.00033643	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05
8960	625552.99	4265825.9	0.00033648	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05
8961	625553.15	4265815.97	0.00033677	1.16E-04	2.81E-04	8.67E-05	6.67E-05	2.22E-05	5.20E-05
8962	625553.31	4265806.03	0.00033723	1.16E-04	2.82E-04	8.68E-05	6.68E-05	2.22E-05	5.20E-05
8963	625553.48	4265796.1	0.00033815	1.16E-04	2.83E-04	8.71E-05	6.69E-05	2.23E-05	5.22E-05
8964	625553.64	4265786.17	0.0003393	1.17E-04	2.84E-04	8.74E-05	6.72E-05	2.24E-05	5.24E-05
8965	625553.8	4265776.23	0.0003407	1.17E-04	2.85E-04	8.77E-05	6.74E-05	2.24E-05	5.26E-05
8966	625553.97	4265766.3	0.00034231	1.18E-04	2.86E-04	8.81E-05	6.78E-05	2.26E-05	5.28E-05
8967	625554.13	4265756.37	0.00034412	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05
8968	625554.29	4265746.43	0.00034607	1.19E-04	2.89E-04	8.91E-05	6.85E-05	2.28E-05	5.34E-05
8969	625554.46	4265736.5	0.00034814	1.20E-04	2.91E-04	8.96E-05	6.89E-05	2.29E-05	5.37E-05
8970	625554.62	4265726.57	0.00035029	1.20E-04	2.93E-04	9.02E-05	6.93E-05	2.31E-05	5.41E-05
8971	625554.78	4265716.63	0.00035256	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05
8972	625554.95	4265706.7	0.00035454	1.22E-04	2.96E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05
8973	625555.11	4265696.77	0.00035643	1.23E-04	2.98E-04	9.18E-05	7.06E-05	2.35E-05	5.50E-05
8974	625555.28	4265686.83	0.00035835	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05
8975	625635.61	4266192.48	0.00029926	1.03E-04	2.50E-04	7.71E-05	5.92E-05	1.97E-05	4.62E-05
8976	625631.67	4266201.55	0.00030092	1.03E-04	2.52E-04	7.75E-05	5.96E-05	1.98E-05	4.64E-05
8977	625627.73	4266210.61	0.00030242	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05
8978	625623.8	4266219.68	0.00030374	1.04E-04	2.54E-04	7.82E-05	6.01E-05	2.00E-05	4.69E-05
8979	625619.86	4266228.75	0.00030491	1.05E-04	2.55E-04	7.85E-05	6.04E-05	2.01E-05	4.70E-05
8980	625615.93	4266237.81	0.00030595	1.05E-04	2.56E-04	7.88E-05	6.06E-05	2.02E-05	4.72E-05
8981	625611.99	4266246.88	0.00030684	1.06E-04	2.56E-04	7.90E-05	6.07E-05	2.02E-05	4.73E-05
8982	625608.06	4266255.95	0.0003075	1.06E-04	2.57E-04	7.92E-05	6.09E-05	2.03E-05	4.74E-05
8983	625604.12	4266265.01	0.00030787	1.06E-04	2.57E-04	7.93E-05	6.09E-05	2.03E-05	4.75E-05
8984	625600.19	4266274.08	0.0003081	1.06E-04	2.58E-04	7.93E-05	6.10E-05	2.03E-05	4.75E-05
8985	625596.25	4266283.15	0.00030816	1.06E-04	2.58E-04	7.93E-05	6.10E-05	2.03E-05	4.76E-05
8986	625592.32	4266292.21	0.00030801	1.06E-04	2.57E-04	7.93E-05	6.10E-05	2.03E-05	4.75E-05
8987	625556.9	4266373.81	0.00030253	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05
8988	625552.96	4266382.88	0.0003021	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05
8989	625549.03	4266391.95	0.00030179	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.66E-05
8990	625545.09	4266401.02	0.00030161	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.65E-05
8991	625541.16	4266410.08	0.00030158	1.04E-04	2.52E-04	7.76E-05	5.97E-05	1.99E-05	4.65E-05
8992	625537.22	4266419.15	0.00030173	1.04E-04	2.52E-04	7.77E-05	5.97E-05	1.99E-05	4.66E-05

8993	625533.28	4266428.22	0.00030201	1.04E-04	2.52E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05
8994	625529.35	4266437.28	0.0003025	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05
8995	625525.41	4266446.35	0.00030313	1.04E-04	2.53E-04	7.80E-05	6.00E-05	2.00E-05	4.68E-05
8996	625521.48	4266455.42	0.00030391	1.05E-04	2.54E-04	7.82E-05	6.02E-05	2.00E-05	4.69E-05
8997	625517.54	4266464.48	0.00030488	1.05E-04	2.55E-04	7.85E-05	6.03E-05	2.01E-05	4.70E-05
8998	625513.61	4266473.55	0.00030598	1.05E-04	2.56E-04	7.88E-05	6.06E-05	2.02E-05	4.72E-05
8999	625509.67	4266482.62	0.00030724	1.06E-04	2.57E-04	7.91E-05	6.08E-05	2.02E-05	4.74E-05
9000	625505.74	4266491.68	0.00030862	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.03E-05	4.76E-05
9001	625501.8	4266500.75	0.00031014	1.07E-04	2.59E-04	7.99E-05	6.14E-05	2.04E-05	4.79E-05
9002	625497.87	4266509.82	0.00031177	1.07E-04	2.61E-04	8.03E-05	6.17E-05	2.05E-05	4.81E-05
9003	625493.93	4266518.88	0.00031349	1.08E-04	2.62E-04	8.07E-05	6.21E-05	2.07E-05	4.84E-05
9004	625490	4266527.95	0.00031533	1.08E-04	2.64E-04	8.12E-05	6.24E-05	2.08E-05	4.87E-05
9005	625486.06	4266537.02	0.00031725	1.09E-04	2.65E-04	8.17E-05	6.28E-05	2.09E-05	4.90E-05
9006	625482.12	4266546.08	0.00031929	1.10E-04	2.67E-04	8.22E-05	6.32E-05	2.10E-05	4.93E-05
9007	625478.19	4266555.15	0.00032136	1.11E-04	2.69E-04	8.27E-05	6.36E-05	2.12E-05	4.96E-05
9008	625474.25	4266564.22	0.00032348	1.11E-04	2.70E-04	8.33E-05	6.40E-05	2.13E-05	4.99E-05
9009	625470.32	4266573.28	0.00032566	1.12E-04	2.72E-04	8.38E-05	6.45E-05	2.15E-05	5.03E-05
9010	625466.38	4266582.35	0.00032787	1.13E-04	2.74E-04	8.44E-05	6.49E-05	2.16E-05	5.06E-05
9011	625462.45	4266591.42	0.00033011	1.14E-04	2.76E-04	8.50E-05	6.53E-05	2.18E-05	5.09E-05
9012	625458.51	4266600.48	0.00033238	1.14E-04	2.78E-04	8.56E-05	6.58E-05	2.19E-05	5.13E-05
9013	625454.58	4266609.55	0.00033462	1.15E-04	2.80E-04	8.62E-05	6.62E-05	2.20E-05	5.16E-05
9014	625450.64	4266618.62	0.00033686	1.16E-04	2.82E-04	8.67E-05	6.67E-05	2.22E-05	5.20E-05
9015	625446.71	4266627.68	0.00033907	1.17E-04	2.83E-04	8.73E-05	6.71E-05	2.23E-05	5.23E-05
9016	625442.77	4266636.75	0.00034125	1.17E-04	2.85E-04	8.79E-05	6.75E-05	2.25E-05	5.27E-05
9017	625438.83	4266645.82	0.0003434	1.18E-04	2.87E-04	8.84E-05	6.80E-05	2.26E-05	5.30E-05
9018	625434.9	4266654.88	0.00034547	1.19E-04	2.89E-04	8.89E-05	6.84E-05	2.28E-05	5.33E-05
9019	625430.96	4266663.95	0.00034748	1.19E-04	2.90E-04	8.95E-05	6.88E-05	2.29E-05	5.36E-05
9020	625427.03	4266673.02	0.00034943	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.39E-05
9021	625423.09	4266682.08	0.00035129	1.21E-04	2.94E-04	9.04E-05	6.95E-05	2.31E-05	5.42E-05
9022	625419.16	4266691.15	0.00035304	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05
9023	625415.22	4266700.22	0.00035474	1.22E-04	2.97E-04	9.13E-05	7.02E-05	2.34E-05	5.47E-05
9024	625411.29	4266709.28	0.00035632	1.23E-04	2.98E-04	9.17E-05	7.05E-05	2.35E-05	5.50E-05
9025	625407.35	4266718.35	0.00035778	1.23E-04	2.99E-04	9.21E-05	7.08E-05	2.36E-05	5.52E-05
9026	625394.22	4266731.04	0.00036467	1.25E-04	3.05E-04	9.39E-05	7.22E-05	2.40E-05	5.63E-05
9027	625385.02	4266734.66	0.00037018	1.27E-04	3.09E-04	9.53E-05	7.33E-05	2.44E-05	5.71E-05
9028	625375.83	4266738.28	0.00037572	1.29E-04	3.14E-04	9.67E-05	7.44E-05	2.48E-05	5.80E-05
9029	625366.63	4266741.91	0.00038123	1.31E-04	3.19E-04	9.81E-05	7.55E-05	2.51E-05	5.88E-05
9030	625357.43	4266745.53	0.00038674	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05
9031	625348.24	4266749.15	0.00039222	1.35E-04	3.28E-04	1.01E-04	7.76E-05	2.58E-05	6.05E-05
9032	625339.04	4266752.77	0.00039767	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.14E-05
9033	625329.84	4266756.39	0.00040313	1.39E-04	3.37E-04	1.04E-04	7.98E-05	2.66E-05	6.22E-05
9034	625320.65	4266760.02	0.00040849	1.40E-04	3.41E-04	1.05E-04	8.09E-05	2.69E-05	6.30E-05
9035	625311.45	4266763.64	0.00041386	1.42E-04	3.46E-04	1.07E-04	8.19E-05	2.73E-05	6.39E-05
9036	625302.25	4266767.26	0.0004192	1.44E-04	3.50E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05
9037	625293.06	4266770.88	0.00042445	1.46E-04	3.55E-04	1.09E-04	8.40E-05	2.80E-05	6.55E-05
9038	625283.86	4266774.5	0.00042967	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.63E-05
9039	625274.67	4266778.13	0.00043481	1.50E-04	3.63E-04	1.12E-04	8.61E-05	2.86E-05	6.71E-05
9040	625265.47	4266781.75	0.00043989	1.51E-04	3.68E-04	1.13E-04	8.71E-05	2.90E-05	6.79E-05
9041	625256.27	4266785.37	0.00044494	1.53E-04	3.72E-04	1.15E-04	8.81E-05	2.93E-05	6.87E-05
9042	625247.08	4266788.99	0.00044988	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05
9043	625237.88	4266792.61	0.00045479	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05
9044	625228.68	4266796.24	0.00045961	1.58E-04	3.84E-04	1.18E-04	9.10E-05	3.03E-05	7.09E-05

9045	625219.49	4266799.86	0.00046434	1.60E-04	3.88E-04	1.20E-04	9.19E-05	3.06E-05	7.17E-05
9046	625210.29	4266803.48	0.00046899	1.61E-04	3.92E-04	1.21E-04	9.28E-05	3.09E-05	7.24E-05
9047	625201.09	4266807.1	0.00047356	1.63E-04	3.96E-04	1.22E-04	9.37E-05	3.12E-05	7.31E-05
9048	625191.9	4266810.72	0.00047801	1.64E-04	4.00E-04	1.23E-04	9.46E-05	3.15E-05	7.38E-05
9049	625182.7	4266814.35	0.00048234	1.66E-04	4.03E-04	1.24E-04	9.55E-05	3.18E-05	7.44E-05
9050	625173.5	4266817.97	0.00048656	1.67E-04	4.07E-04	1.25E-04	9.63E-05	3.21E-05	7.51E-05
9051	625164.31	4266821.59	0.00049063	1.69E-04	4.10E-04	1.26E-04	9.71E-05	3.23E-05	7.57E-05
9052	625155.11	4266825.21	0.00049454	1.70E-04	4.13E-04	1.27E-04	9.79E-05	3.26E-05	7.63E-05
9053	625145.92	4266828.83	0.00049827	1.71E-04	4.16E-04	1.28E-04	9.86E-05	3.28E-05	7.69E-05
9054	625136.72	4266832.46	0.00050183	1.73E-04	4.19E-04	1.29E-04	9.93E-05	3.31E-05	7.74E-05
9055	625127.52	4266836.08	0.00050518	1.74E-04	4.22E-04	1.30E-04	1.00E-04	3.33E-05	7.80E-05
9056	625118.33	4266839.7	0.00050834	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05
9057	625109.13	4266843.32	0.0005113	1.76E-04	4.27E-04	1.32E-04	1.01E-04	3.37E-05	7.89E-05
9058	625099.93	4266846.94	0.00051402	1.77E-04	4.30E-04	1.32E-04	1.02E-04	3.39E-05	7.93E-05
9059	625090.74	4266850.57	0.00051658	1.78E-04	4.32E-04	1.33E-04	1.02E-04	3.40E-05	7.97E-05
9060	625081.54	4266854.19	0.00051896	1.78E-04	4.34E-04	1.34E-04	1.03E-04	3.42E-05	8.01E-05
9061	625072.34	4266857.81	0.00052111	1.79E-04	4.36E-04	1.34E-04	1.03E-04	3.43E-05	8.04E-05
9062	625063.15	4266861.43	0.00052312	1.80E-04	4.37E-04	1.35E-04	1.04E-04	3.45E-05	8.07E-05
9063	625053.95	4266865.05	0.00052493	1.81E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05
9064	625044.75	4266868.68	0.00052657	1.81E-04	4.40E-04	1.36E-04	1.04E-04	3.47E-05	8.13E-05
9065	625035.56	4266872.3	0.00052803	1.82E-04	4.41E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05
9066	625026.36	4266875.92	0.00052932	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05
9067	625017.16	4266879.54	0.00053038	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.49E-05	8.18E-05
9068	625007.97	4266883.16	0.00053124	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05
9069	624998.77	4266886.79	0.00053188	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.50E-05	8.21E-05
9070	624989.58	4266890.41	0.00053228	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.21E-05
9071	624980.38	4266894.03	0.00053245	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.22E-05
9072	624971.18	4266897.65	0.00053234	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.21E-05
9073	624961.99	4266901.27	0.00053199	1.83E-04	4.45E-04	1.37E-04	1.05E-04	3.51E-05	8.21E-05
9074	624952.79	4266904.9	0.00053136	1.83E-04	4.44E-04	1.37E-04	1.05E-04	3.50E-05	8.20E-05
9075	624943.59	4266908.52	0.0005305	1.82E-04	4.43E-04	1.37E-04	1.05E-04	3.50E-05	8.19E-05
9076	624934.4	4266912.14	0.00052938	1.82E-04	4.42E-04	1.36E-04	1.05E-04	3.49E-05	8.17E-05
9077	624925.2	4266915.76	0.000528	1.82E-04	4.41E-04	1.36E-04	1.05E-04	3.48E-05	8.15E-05
9078	624916	4266919.38	0.00052645	1.81E-04	4.40E-04	1.36E-04	1.04E-04	3.47E-05	8.12E-05
9079	624906.81	4266923.01	0.00052467	1.80E-04	4.39E-04	1.35E-04	1.04E-04	3.46E-05	8.10E-05
9080	624897.61	4266926.63	0.00052272	1.80E-04	4.37E-04	1.35E-04	1.03E-04	3.44E-05	8.07E-05
9081	624888.41	4266930.25	0.00052063	1.79E-04	4.35E-04	1.34E-04	1.03E-04	3.43E-05	8.03E-05
9082	624879.22	4266933.87	0.00051836	1.78E-04	4.33E-04	1.33E-04	1.03E-04	3.42E-05	8.00E-05
9083	624870.02	4266937.49	0.00051598	1.77E-04	4.31E-04	1.33E-04	1.02E-04	3.40E-05	7.96E-05
9084	624860.83	4266941.12	0.00051345	1.77E-04	4.29E-04	1.32E-04	1.02E-04	3.38E-05	7.92E-05
9085	624851.63	4266944.74	0.00051081	1.76E-04	4.27E-04	1.32E-04	1.01E-04	3.37E-05	7.88E-05
9086	624842.43	4266948.36	0.00050808	1.75E-04	4.25E-04	1.31E-04	1.01E-04	3.35E-05	7.84E-05
9087	625647.41	4266165.28	0.00029366	1.01E-04	2.45E-04	7.56E-05	5.81E-05	1.93E-05	4.53E-05
9088	625647.58	4266155.35	0.00029329	1.01E-04	2.45E-04	7.55E-05	5.81E-05	1.93E-05	4.53E-05
9089	625647.74	4266145.41	0.00029283	1.01E-04	2.45E-04	7.54E-05	5.80E-05	1.93E-05	4.52E-05
9090	625647.9	4266135.48	0.00029237	1.01E-04	2.44E-04	7.53E-05	5.79E-05	1.93E-05	4.51E-05
9091	625648.07	4266125.55	0.00029183	1.00E-04	2.44E-04	7.51E-05	5.78E-05	1.92E-05	4.50E-05
9092	625648.23	4266115.61	0.00029128	1.00E-04	2.43E-04	7.50E-05	5.77E-05	1.92E-05	4.49E-05
9093	625648.39	4266105.68	0.00029074	1.00E-04	2.43E-04	7.49E-05	5.75E-05	1.92E-05	4.49E-05
9094	625648.56	4266095.75	0.00029022	9.98E-05	2.43E-04	7.47E-05	5.74E-05	1.91E-05	4.48E-05
9095	625648.72	4266085.81	0.00028976	9.96E-05	2.42E-04	7.46E-05	5.74E-05	1.91E-05	4.47E-05
9096	625648.88	4266075.88	0.0002893	9.95E-05	2.42E-04	7.45E-05	5.73E-05	1.91E-05	4.46E-05

9097	625649.05	4266065.95	0.00028887	9.93E-05	2.41E-04	7.44E-05	5.72E-05	1.90E-05	4.46E-05
9098	625649.21	4266056.01	0.00028847	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05
9099	625649.37	4266046.08	0.00028801	9.90E-05	2.41E-04	7.42E-05	5.70E-05	1.90E-05	4.44E-05
9100	625649.54	4266036.15	0.00028758	9.89E-05	2.40E-04	7.40E-05	5.69E-05	1.89E-05	4.44E-05
9101	625649.7	4266026.21	0.00028715	9.87E-05	2.40E-04	7.39E-05	5.68E-05	1.89E-05	4.43E-05
9102	625649.86	4266016.28	0.00028669	9.86E-05	2.40E-04	7.38E-05	5.67E-05	1.89E-05	4.42E-05
9103	625650.03	4266006.35	0.00028626	9.84E-05	2.39E-04	7.37E-05	5.67E-05	1.89E-05	4.42E-05
9104	625650.19	4265996.41	0.00028583	9.83E-05	2.39E-04	7.36E-05	5.66E-05	1.88E-05	4.41E-05
9105	625650.36	4265986.48	0.00028534	9.81E-05	2.39E-04	7.35E-05	5.65E-05	1.88E-05	4.40E-05
9106	625650.52	4265976.55	0.00028471	9.79E-05	2.38E-04	7.33E-05	5.64E-05	1.88E-05	4.39E-05
9107	625650.68	4265966.61	0.00028399	9.77E-05	2.37E-04	7.31E-05	5.62E-05	1.87E-05	4.38E-05
9108	625650.85	4265956.68	0.00028322	9.74E-05	2.37E-04	7.29E-05	5.61E-05	1.87E-05	4.37E-05
9109	625651.01	4265946.75	0.00028244	9.71E-05	2.36E-04	7.27E-05	5.59E-05	1.86E-05	4.36E-05
9110	625651.17	4265936.81	0.00028172	9.69E-05	2.35E-04	7.25E-05	5.58E-05	1.86E-05	4.35E-05
9111	625651.34	4265926.88	0.00028095	9.66E-05	2.35E-04	7.23E-05	5.56E-05	1.85E-05	4.34E-05
9112	625651.5	4265916.95	0.00028029	9.64E-05	2.34E-04	7.22E-05	5.55E-05	1.85E-05	4.33E-05
9113	625651.66	4265907.01	0.00027963	9.62E-05	2.34E-04	7.20E-05	5.53E-05	1.84E-05	4.31E-05
9114	625651.83	4265897.08	0.00027908	9.60E-05	2.33E-04	7.19E-05	5.52E-05	1.84E-05	4.31E-05
9115	625651.99	4265887.15	0.00027834	9.57E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.29E-05
9116	625652.15	4265877.21	0.00027765	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.28E-05
9117	625652.32	4265867.28	0.00027705	9.53E-05	2.32E-04	7.13E-05	5.48E-05	1.83E-05	4.28E-05
9118	625652.48	4265857.35	0.00027687	9.52E-05	2.31E-04	7.13E-05	5.48E-05	1.82E-05	4.27E-05
9119	625652.64	4265847.41	0.0002769	9.52E-05	2.31E-04	7.13E-05	5.48E-05	1.82E-05	4.27E-05
9120	625652.81	4265837.48	0.00027707	9.53E-05	2.32E-04	7.13E-05	5.48E-05	1.83E-05	4.28E-05
9121	625652.97	4265827.55	0.00027733	9.54E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05
9122	625653.14	4265817.61	0.00027779	9.55E-05	2.32E-04	7.15E-05	5.50E-05	1.83E-05	4.29E-05
9123	625653.3	4265807.68	0.00027845	9.58E-05	2.33E-04	7.17E-05	5.51E-05	1.83E-05	4.30E-05
9124	625653.46	4265797.75	0.0002792	9.60E-05	2.33E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05
9125	625653.63	4265787.81	0.00028012	9.63E-05	2.34E-04	7.21E-05	5.54E-05	1.85E-05	4.32E-05
9126	625653.79	4265777.88	0.00028121	9.67E-05	2.35E-04	7.24E-05	5.57E-05	1.85E-05	4.34E-05
9127	625653.95	4265767.95	0.00028261	9.72E-05	2.36E-04	7.28E-05	5.59E-05	1.86E-05	4.36E-05
9128	625654.12	4265758.01	0.00028425	9.77E-05	2.38E-04	7.32E-05	5.63E-05	1.87E-05	4.39E-05
9129	625654.28	4265748.08	0.000286	9.83E-05	2.39E-04	7.36E-05	5.66E-05	1.88E-05	4.41E-05
9130	625654.44	4265738.15	0.00028778	9.90E-05	2.41E-04	7.41E-05	5.70E-05	1.90E-05	4.44E-05
9131	625654.61	4265728.21	0.00028959	9.96E-05	2.42E-04	7.46E-05	5.73E-05	1.91E-05	4.47E-05
9132	625654.77	4265718.28	0.00029145	1.00E-04	2.44E-04	7.50E-05	5.77E-05	1.92E-05	4.50E-05
9133	625654.93	4265708.35	0.00029346	1.01E-04	2.45E-04	7.56E-05	5.81E-05	1.93E-05	4.53E-05
9134	625655.1	4265698.41	0.00029547	1.02E-04	2.47E-04	7.61E-05	5.85E-05	1.95E-05	4.56E-05
9135	625655.26	4265688.48	0.00029751	1.02E-04	2.49E-04	7.66E-05	5.89E-05	1.96E-05	4.59E-05
9136	625735.63	4266194.03	0.00026126	8.98E-05	2.18E-04	6.73E-05	5.17E-05	1.72E-05	4.03E-05
9137	625731.71	4266203.06	0.00026272	9.03E-05	2.20E-04	6.76E-05	5.20E-05	1.73E-05	4.05E-05
9138	625727.79	4266212.1	0.0002641	9.08E-05	2.21E-04	6.80E-05	5.23E-05	1.74E-05	4.08E-05
9139	625723.87	4266221.13	0.00026534	9.12E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.09E-05
9140	625719.95	4266230.17	0.00026648	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.76E-05	4.11E-05
9141	625716.03	4266239.2	0.00026752	9.20E-05	2.24E-04	6.89E-05	5.30E-05	1.76E-05	4.13E-05
9142	625712.11	4266248.23	0.00026838	9.23E-05	2.24E-04	6.91E-05	5.31E-05	1.77E-05	4.14E-05
9143	625708.18	4266257.27	0.0002691	9.25E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05
9144	625704.26	4266266.3	0.00026953	9.27E-05	2.25E-04	6.94E-05	5.34E-05	1.78E-05	4.16E-05
9145	625700.34	4266275.34	0.00026978	9.28E-05	2.25E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05
9146	625696.42	4266284.37	0.0002699	9.28E-05	2.26E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05
9147	625692.5	4266293.41	0.00026987	9.28E-05	2.26E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05
9148	625688.58	4266302.44	0.00026964	9.27E-05	2.25E-04	6.94E-05	5.34E-05	1.78E-05	4.16E-05

9149	625684.66	4266311.48	0.00026924	9.26E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05
9150	625680.73	4266320.51	0.00026869	9.24E-05	2.25E-04	6.92E-05	5.32E-05	1.77E-05	4.15E-05
9151	625676.81	4266329.54	0.00026806	9.22E-05	2.24E-04	6.90E-05	5.31E-05	1.77E-05	4.14E-05
9152	625672.89	4266338.58	0.00026732	9.19E-05	2.23E-04	6.88E-05	5.29E-05	1.76E-05	4.12E-05
9153	625668.97	4266347.61	0.00026645	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.76E-05	4.11E-05
9154	625665.05	4266356.65	0.00026545	9.13E-05	2.22E-04	6.83E-05	5.25E-05	1.75E-05	4.10E-05
9155	625661.13	4266365.68	0.00026442	9.09E-05	2.21E-04	6.81E-05	5.23E-05	1.74E-05	4.08E-05
9156	625657.21	4266374.72	0.00026338	9.06E-05	2.20E-04	6.78E-05	5.21E-05	1.74E-05	4.06E-05
9157	625653.29	4266383.75	0.00026247	9.03E-05	2.19E-04	6.76E-05	5.20E-05	1.73E-05	4.05E-05
9158	625649.36	4266392.78	0.00026163	9.00E-05	2.19E-04	6.74E-05	5.18E-05	1.72E-05	4.04E-05
9159	625645.44	4266401.82	0.00026083	8.97E-05	2.18E-04	6.72E-05	5.16E-05	1.72E-05	4.02E-05
9160	625641.52	4266410.85	0.00026017	8.95E-05	2.17E-04	6.70E-05	5.15E-05	1.71E-05	4.01E-05
9161	625637.6	4266419.89	0.00025962	8.93E-05	2.17E-04	6.68E-05	5.14E-05	1.71E-05	4.01E-05
9162	625633.68	4266428.92	0.00025919	8.91E-05	2.17E-04	6.67E-05	5.13E-05	1.71E-05	4.00E-05
9163	625570.94	4266573.47	0.00026918	9.26E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05
9164	625567.02	4266582.51	0.00027065	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05
9165	625563.09	4266591.54	0.00027219	9.36E-05	2.28E-04	7.01E-05	5.39E-05	1.79E-05	4.20E-05
9166	625559.17	4266600.58	0.0002738	9.42E-05	2.29E-04	7.05E-05	5.42E-05	1.80E-05	4.22E-05
9167	625555.25	4266609.61	0.00027547	9.47E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05
9168	625551.33	4266618.64	0.00027716	9.53E-05	2.32E-04	7.14E-05	5.49E-05	1.83E-05	4.28E-05
9169	625547.41	4266627.68	0.00027891	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.30E-05
9170	625543.49	4266636.71	0.00028072	9.65E-05	2.35E-04	7.23E-05	5.56E-05	1.85E-05	4.33E-05
9171	625539.57	4266645.75	0.00028256	9.72E-05	2.36E-04	7.27E-05	5.59E-05	1.86E-05	4.36E-05
9172	625535.64	4266654.78	0.00028439	9.78E-05	2.38E-04	7.32E-05	5.63E-05	1.87E-05	4.39E-05
9173	625531.72	4266663.82	0.00028626	9.84E-05	2.39E-04	7.37E-05	5.67E-05	1.89E-05	4.42E-05
9174	625527.8	4266672.85	0.00028812	9.91E-05	2.41E-04	7.42E-05	5.70E-05	1.90E-05	4.45E-05
9175	625523.88	4266681.89	0.00028999	9.97E-05	2.42E-04	7.47E-05	5.74E-05	1.91E-05	4.47E-05
9176	625519.96	4266690.92	0.00029185	1.00E-04	2.44E-04	7.51E-05	5.78E-05	1.92E-05	4.50E-05
9177	625516.04	4266699.95	0.00029366	1.01E-04	2.45E-04	7.56E-05	5.81E-05	1.93E-05	4.53E-05
9178	625512.12	4266708.99	0.00029547	1.02E-04	2.47E-04	7.61E-05	5.85E-05	1.95E-05	4.56E-05
9179	625508.2	4266718.02	0.00029722	1.02E-04	2.48E-04	7.65E-05	5.88E-05	1.96E-05	4.59E-05
9180	625504.27	4266727.06	0.00029894	1.03E-04	2.50E-04	7.70E-05	5.92E-05	1.97E-05	4.61E-05
9181	625500.35	4266736.09	0.00030061	1.03E-04	2.51E-04	7.74E-05	5.95E-05	1.98E-05	4.64E-05
9182	625496.43	4266745.13	0.00030222	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05
9183	625492.51	4266754.16	0.00030377	1.04E-04	2.54E-04	7.82E-05	6.01E-05	2.00E-05	4.69E-05
9184	625488.59	4266763.19	0.00030523	1.05E-04	2.55E-04	7.86E-05	6.04E-05	2.01E-05	4.71E-05
9185	625484.67	4266772.23	0.00030664	1.05E-04	2.56E-04	7.89E-05	6.07E-05	2.02E-05	4.73E-05
9186	625480.75	4266781.26	0.00030793	1.06E-04	2.57E-04	7.93E-05	6.10E-05	2.03E-05	4.75E-05
9187	625476.82	4266790.3	0.00030916	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05
9188	625463.74	4266802.94	0.00031464	1.08E-04	2.63E-04	8.10E-05	6.23E-05	2.07E-05	4.86E-05
9189	625454.58	4266806.55	0.00031898	1.10E-04	2.67E-04	8.21E-05	6.31E-05	2.10E-05	4.92E-05
9190	625445.41	4266810.16	0.00032331	1.11E-04	2.70E-04	8.32E-05	6.40E-05	2.13E-05	4.99E-05
9191	625436.25	4266813.77	0.00032762	1.13E-04	2.74E-04	8.44E-05	6.48E-05	2.16E-05	5.06E-05
9192	625427.08	4266817.38	0.00033189	1.14E-04	2.77E-04	8.55E-05	6.57E-05	2.19E-05	5.12E-05
9193	625417.92	4266820.99	0.00033614	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.19E-05
9194	625408.76	4266824.6	0.00034036	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05
9195	625399.59	4266828.2	0.00034455	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05
9196	625390.43	4266831.81	0.00034868	1.20E-04	2.91E-04	8.98E-05	6.90E-05	2.30E-05	5.38E-05
9197	625381.27	4266835.42	0.00035279	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05
9198	625372.1	4266839.03	0.00035686	1.23E-04	2.98E-04	9.19E-05	7.06E-05	2.35E-05	5.51E-05
9199	625362.94	4266842.64	0.00036088	1.24E-04	3.02E-04	9.29E-05	7.14E-05	2.38E-05	5.57E-05
9200	625353.78	4266846.25	0.00036484	1.25E-04	3.05E-04	9.39E-05	7.22E-05	2.40E-05	5.63E-05

9201	625344.61	4266849.86	0.0003688	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05
9202	625335.45	4266853.47	0.0003727	1.28E-04	3.12E-04	9.60E-05	7.38E-05	2.46E-05	5.75E-05
9203	625326.29	4266857.08	0.00037655	1.29E-04	3.15E-04	9.69E-05	7.45E-05	2.48E-05	5.81E-05
9204	625317.12	4266860.69	0.00038037	1.31E-04	3.18E-04	9.79E-05	7.53E-05	2.51E-05	5.87E-05
9205	625307.96	4266864.3	0.00038416	1.32E-04	3.21E-04	9.89E-05	7.60E-05	2.53E-05	5.93E-05
9206	625298.79	4266867.9	0.00038789	1.33E-04	3.24E-04	9.99E-05	7.68E-05	2.56E-05	5.99E-05
9207	625289.63	4266871.51	0.00039159	1.35E-04	3.27E-04	1.01E-04	7.75E-05	2.58E-05	6.04E-05
9208	625280.47	4266875.12	0.00039526	1.36E-04	3.30E-04	1.02E-04	7.82E-05	2.60E-05	6.10E-05
9209	625271.3	4266878.73	0.00039891	1.37E-04	3.33E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05
9210	625262.14	4266882.34	0.00040249	1.38E-04	3.36E-04	1.04E-04	7.97E-05	2.65E-05	6.21E-05
9211	625252.98	4266885.95	0.00040602	1.40E-04	3.39E-04	1.05E-04	8.04E-05	2.68E-05	6.27E-05
9212	625243.81	4266889.56	0.0004095	1.41E-04	3.42E-04	1.05E-04	8.11E-05	2.70E-05	6.32E-05
9213	625234.65	4266893.17	0.00041288	1.42E-04	3.45E-04	1.06E-04	8.17E-05	2.72E-05	6.37E-05
9214	625225.49	4266896.78	0.00041621	1.43E-04	3.48E-04	1.07E-04	8.24E-05	2.74E-05	6.42E-05
9215	625216.32	4266900.39	0.00041946	1.44E-04	3.51E-04	1.08E-04	8.30E-05	2.76E-05	6.47E-05
9216	625207.16	4266903.99	0.00042259	1.45E-04	3.53E-04	1.09E-04	8.36E-05	2.78E-05	6.52E-05
9217	625197.99	4266907.6	0.00042563	1.46E-04	3.56E-04	1.10E-04	8.42E-05	2.80E-05	6.57E-05
9218	625188.83	4266911.21	0.00042853	1.47E-04	3.58E-04	1.10E-04	8.48E-05	2.82E-05	6.61E-05
9219	625179.67	4266914.82	0.00043128	1.48E-04	3.60E-04	1.11E-04	8.54E-05	2.84E-05	6.65E-05
9220	625170.5	4266918.43	0.00043389	1.49E-04	3.63E-04	1.12E-04	8.59E-05	2.86E-05	6.70E-05
9221	625161.34	4266922.04	0.00043636	1.50E-04	3.65E-04	1.12E-04	8.64E-05	2.87E-05	6.73E-05
9222	625152.18	4266925.65	0.00043869	1.51E-04	3.67E-04	1.13E-04	8.68E-05	2.89E-05	6.77E-05
9223	625143.01	4266929.26	0.00044087	1.52E-04	3.69E-04	1.14E-04	8.73E-05	2.90E-05	6.80E-05
9224	625133.85	4266932.87	0.0004429	1.52E-04	3.70E-04	1.14E-04	8.77E-05	2.92E-05	6.83E-05
9225	625124.69	4266936.48	0.0004448	1.53E-04	3.72E-04	1.15E-04	8.80E-05	2.93E-05	6.86E-05
9226	625115.52	4266940.09	0.00044658	1.54E-04	3.73E-04	1.15E-04	8.84E-05	2.94E-05	6.89E-05
9227	625106.36	4266943.69	0.00044821	1.54E-04	3.75E-04	1.15E-04	8.87E-05	2.95E-05	6.92E-05
9228	625097.2	4266947.3	0.00044974	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05
9229	625088.03	4266950.91	0.00045114	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05
9230	625078.87	4266954.52	0.00045243	1.56E-04	3.78E-04	1.16E-04	8.96E-05	2.98E-05	6.98E-05
9231	625069.7	4266958.13	0.00045364	1.56E-04	3.79E-04	1.17E-04	8.98E-05	2.99E-05	7.00E-05
9232	625060.54	4266961.74	0.0004547	1.56E-04	3.80E-04	1.17E-04	9.00E-05	3.00E-05	7.02E-05
9233	625051.38	4266965.35	0.00045562	1.57E-04	3.81E-04	1.17E-04	9.02E-05	3.00E-05	7.03E-05
9234	625042.21	4266968.96	0.00045642	1.57E-04	3.81E-04	1.18E-04	9.03E-05	3.01E-05	7.04E-05
9235	625033.05	4266972.57	0.00045708	1.57E-04	3.82E-04	1.18E-04	9.05E-05	3.01E-05	7.05E-05
9236	625023.89	4266976.18	0.00045757	1.57E-04	3.82E-04	1.18E-04	9.06E-05	3.01E-05	7.06E-05
9237	625014.72	4266979.79	0.00045789	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.07E-05
9238	625005.56	4266983.39	0.000458	1.57E-04	3.83E-04	1.18E-04	9.07E-05	3.02E-05	7.07E-05
9239	624996.4	4266987	0.00045792	1.57E-04	3.83E-04	1.18E-04	9.06E-05	3.02E-05	7.07E-05
9240	624987.23	4266990.61	0.0004576	1.57E-04	3.82E-04	1.18E-04	9.06E-05	3.02E-05	7.06E-05
9241	624978.07	4266994.22	0.00045708	1.57E-04	3.82E-04	1.18E-04	9.05E-05	3.01E-05	7.05E-05
9242	624968.9	4266997.83	0.00045637	1.57E-04	3.81E-04	1.17E-04	9.03E-05	3.01E-05	7.04E-05
9243	624959.74	4267001.44	0.00045542	1.57E-04	3.81E-04	1.17E-04	9.01E-05	3.00E-05	7.03E-05
9244	624950.58	4267005.05	0.00045427	1.56E-04	3.80E-04	1.17E-04	8.99E-05	2.99E-05	7.01E-05
9245	624941.41	4267008.66	0.00045292	1.56E-04	3.79E-04	1.17E-04	8.97E-05	2.98E-05	6.99E-05
9246	624932.25	4267012.27	0.00045137	1.55E-04	3.77E-04	1.16E-04	8.93E-05	2.97E-05	6.96E-05
9247	624923.09	4267015.88	0.00044968	1.55E-04	3.76E-04	1.16E-04	8.90E-05	2.96E-05	6.94E-05
9248	624913.92	4267019.48	0.00044781	1.54E-04	3.74E-04	1.15E-04	8.86E-05	2.95E-05	6.91E-05
9249	624904.76	4267023.09	0.00044583	1.53E-04	3.73E-04	1.15E-04	8.82E-05	2.94E-05	6.88E-05
9250	624895.6	4267026.7	0.00044371	1.53E-04	3.71E-04	1.14E-04	8.78E-05	2.92E-05	6.85E-05
9251	624886.43	4267030.31	0.0004415	1.52E-04	3.69E-04	1.14E-04	8.74E-05	2.91E-05	6.81E-05
9252	624877.27	4267033.92	0.0004392	1.51E-04	3.67E-04	1.13E-04	8.69E-05	2.89E-05	6.78E-05

9253	624868.1	4267037.53	0.00043682	1.50E-04	3.65E-04	1.12E-04	8.65E-05	2.88E-05	6.74E-05
9254	624858.94	4267041.14	0.00043438	1.49E-04	3.63E-04	1.12E-04	8.60E-05	2.86E-05	6.70E-05
9255	624849.78	4267044.75	0.00043191	1.49E-04	3.61E-04	1.11E-04	8.55E-05	2.85E-05	6.66E-05
9256	624840.61	4267048.36	0.00042939	1.48E-04	3.59E-04	1.11E-04	8.50E-05	2.83E-05	6.63E-05
9257	625747.56	4266156.99	0.00025563	8.79E-05	2.14E-04	6.58E-05	5.06E-05	1.68E-05	3.94E-05
9258	625747.73	4266147.06	0.000255	8.77E-05	2.13E-04	6.57E-05	5.05E-05	1.68E-05	3.93E-05
9259	625747.89	4266137.13	0.00025431	8.75E-05	2.13E-04	6.55E-05	5.03E-05	1.68E-05	3.92E-05
9260	625748.05	4266127.19	0.00025363	8.72E-05	2.12E-04	6.53E-05	5.02E-05	1.67E-05	3.91E-05
9261	625748.22	4266117.26	0.00025288	8.70E-05	2.11E-04	6.51E-05	5.01E-05	1.67E-05	3.90E-05
9262	625748.38	4266107.33	0.00025213	8.67E-05	2.11E-04	6.49E-05	4.99E-05	1.66E-05	3.89E-05
9263	625748.54	4266097.39	0.00025127	8.64E-05	2.10E-04	6.47E-05	4.97E-05	1.66E-05	3.88E-05
9264	625748.71	4266087.46	0.00025044	8.61E-05	2.09E-04	6.45E-05	4.96E-05	1.65E-05	3.86E-05
9265	625748.87	4266077.53	0.00024961	8.58E-05	2.09E-04	6.43E-05	4.94E-05	1.64E-05	3.85E-05
9266	625749.03	4266067.59	0.00024878	8.55E-05	2.08E-04	6.41E-05	4.92E-05	1.64E-05	3.84E-05
9267	625749.2	4266057.66	0.00024794	8.53E-05	2.07E-04	6.38E-05	4.91E-05	1.63E-05	3.83E-05
9268	625749.36	4266047.73	0.00024711	8.50E-05	2.07E-04	6.36E-05	4.89E-05	1.63E-05	3.81E-05
9269	625749.52	4266037.79	0.00024628	8.47E-05	2.06E-04	6.34E-05	4.87E-05	1.62E-05	3.80E-05
9270	625749.69	4266027.86	0.00024553	8.44E-05	2.05E-04	6.32E-05	4.86E-05	1.62E-05	3.79E-05
9271	625749.85	4266017.93	0.00024479	8.42E-05	2.05E-04	6.30E-05	4.85E-05	1.61E-05	3.78E-05
9272	625750.01	4266007.99	0.00024372	8.38E-05	2.04E-04	6.28E-05	4.82E-05	1.61E-05	3.76E-05
9273	625750.18	4265998.06	0.00024255	8.34E-05	2.03E-04	6.24E-05	4.80E-05	1.60E-05	3.74E-05
9274	625750.34	4265988.13	0.00024137	8.30E-05	2.02E-04	6.21E-05	4.78E-05	1.59E-05	3.72E-05
9275	625750.51	4265978.19	0.00024048	8.27E-05	2.01E-04	6.19E-05	4.76E-05	1.58E-05	3.71E-05
9276	625750.67	4265968.26	0.00023968	8.24E-05	2.00E-04	6.17E-05	4.74E-05	1.58E-05	3.70E-05
9277	625750.83	4265958.33	0.00023887	8.21E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05
9278	625751	4265948.39	0.00023796	8.18E-05	1.99E-04	6.13E-05	4.71E-05	1.57E-05	3.67E-05
9279	625751.16	4265938.46	0.00023698	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05
9280	625751.32	4265928.53	0.00023603	8.12E-05	1.97E-04	6.08E-05	4.67E-05	1.56E-05	3.64E-05
9281	625751.49	4265918.59	0.0002352	8.09E-05	1.97E-04	6.06E-05	4.66E-05	1.55E-05	3.63E-05
9282	625751.65	4265908.66	0.00023448	8.06E-05	1.96E-04	6.04E-05	4.64E-05	1.54E-05	3.62E-05
9283	625751.81	4265898.73	0.00023385	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05
9284	625751.98	4265888.79	0.00023339	8.03E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05
9285	625752.14	4265878.86	0.0002331	8.02E-05	1.95E-04	6.00E-05	4.61E-05	1.54E-05	3.60E-05
9286	625752.3	4265868.93	0.00023296	8.01E-05	1.95E-04	6.00E-05	4.61E-05	1.53E-05	3.59E-05
9287	625752.47	4265858.99	0.00023282	8.01E-05	1.95E-04	5.99E-05	4.61E-05	1.53E-05	3.59E-05
9288	625752.63	4265849.06	0.00023279	8.00E-05	1.95E-04	5.99E-05	4.61E-05	1.53E-05	3.59E-05
9289	625752.79	4265839.13	0.0002329	8.01E-05	1.95E-04	6.00E-05	4.61E-05	1.53E-05	3.59E-05
9290	625752.96	4265829.19	0.00023322	8.02E-05	1.95E-04	6.00E-05	4.62E-05	1.54E-05	3.60E-05
9291	625753.12	4265819.26	0.00023371	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05
9292	625753.29	4265809.33	0.0002344	8.06E-05	1.96E-04	6.03E-05	4.64E-05	1.54E-05	3.62E-05
9293	625753.45	4265799.39	0.00023529	8.09E-05	1.97E-04	6.06E-05	4.66E-05	1.55E-05	3.63E-05
9294	625753.61	4265789.46	0.00023638	8.13E-05	1.98E-04	6.09E-05	4.68E-05	1.56E-05	3.65E-05
9295	625753.78	4265779.53	0.00023761	8.17E-05	1.99E-04	6.12E-05	4.70E-05	1.57E-05	3.67E-05
9296	625753.94	4265769.59	0.00023893	8.22E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05
9297	625754.1	4265759.66	0.00024039	8.27E-05	2.01E-04	6.19E-05	4.76E-05	1.58E-05	3.71E-05
9298	625754.27	4265749.73	0.00024194	8.32E-05	2.02E-04	6.23E-05	4.79E-05	1.59E-05	3.73E-05
9299	625754.43	4265739.79	0.00024358	8.38E-05	2.04E-04	6.27E-05	4.82E-05	1.60E-05	3.76E-05
9300	625754.59	4265729.86	0.00024527	8.43E-05	2.05E-04	6.31E-05	4.85E-05	1.62E-05	3.78E-05
9301	625754.76	4265719.93	0.00024702	8.49E-05	2.06E-04	6.36E-05	4.89E-05	1.63E-05	3.81E-05
9302	625754.92	4265709.99	0.0002488	8.56E-05	2.08E-04	6.41E-05	4.92E-05	1.64E-05	3.84E-05
9303	625755.08	4265700.06	0.00025058	8.62E-05	2.09E-04	6.45E-05	4.96E-05	1.65E-05	3.87E-05
9304	625755.25	4265690.13	0.00025236	8.68E-05	2.11E-04	6.50E-05	5.00E-05	1.66E-05	3.89E-05

9305	625835.65	4266195.6	0.00023081	7.94E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05
9306	625831.74	4266204.61	0.00023222	7.99E-05	1.94E-04	5.98E-05	4.60E-05	1.53E-05	3.58E-05
9307	625827.83	4266213.61	0.00023348	8.03E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05
9308	625823.92	4266222.62	0.00023465	8.07E-05	1.96E-04	6.04E-05	4.64E-05	1.55E-05	3.62E-05
9309	625820.01	4266231.63	0.00023577	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05
9310	625816.1	4266240.64	0.00023678	8.14E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.65E-05
9311	625812.19	4266249.65	0.00023764	8.17E-05	1.99E-04	6.12E-05	4.70E-05	1.57E-05	3.67E-05
9312	625808.28	4266258.66	0.00023839	8.20E-05	1.99E-04	6.14E-05	4.72E-05	1.57E-05	3.68E-05
9313	625804.37	4266267.67	0.00023899	8.22E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05
9314	625800.46	4266276.68	0.00023945	8.23E-05	2.00E-04	6.16E-05	4.74E-05	1.58E-05	3.69E-05
9315	625796.55	4266285.68	0.00023976	8.24E-05	2.00E-04	6.17E-05	4.75E-05	1.58E-05	3.70E-05
9316	625792.64	4266294.69	0.00023991	8.25E-05	2.01E-04	6.18E-05	4.75E-05	1.58E-05	3.70E-05
9317	625788.73	4266303.7	0.00023985	8.25E-05	2.00E-04	6.18E-05	4.75E-05	1.58E-05	3.70E-05
9318	625784.82	4266312.71	0.00023965	8.24E-05	2.00E-04	6.17E-05	4.74E-05	1.58E-05	3.70E-05
9319	625780.91	4266321.72	0.0002393	8.23E-05	2.00E-04	6.16E-05	4.74E-05	1.58E-05	3.69E-05
9320	625777	4266330.73	0.00023882	8.21E-05	2.00E-04	6.15E-05	4.73E-05	1.57E-05	3.69E-05
9321	625773.09	4266339.74	0.00023818	8.19E-05	1.99E-04	6.13E-05	4.71E-05	1.57E-05	3.68E-05
9322	625769.18	4266348.74	0.00023747	8.17E-05	1.98E-04	6.11E-05	4.70E-05	1.56E-05	3.66E-05
9323	625765.27	4266357.75	0.00023664	8.14E-05	1.98E-04	6.09E-05	4.68E-05	1.56E-05	3.65E-05
9324	625761.36	4266366.76	0.00023575	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05
9325	625757.45	4266375.77	0.00023483	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.62E-05
9326	625753.54	4266384.78	0.00023382	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05
9327	625749.63	4266393.79	0.00023279	8.00E-05	1.95E-04	5.99E-05	4.61E-05	1.53E-05	3.59E-05
9328	625745.72	4266402.8	0.00023176	7.97E-05	1.94E-04	5.97E-05	4.59E-05	1.53E-05	3.58E-05
9329	625741.81	4266411.8	0.00023075	7.93E-05	1.93E-04	5.94E-05	4.57E-05	1.52E-05	3.56E-05
9330	625737.9	4266420.81	0.00022983	7.90E-05	1.92E-04	5.92E-05	4.55E-05	1.51E-05	3.55E-05
9331	625733.99	4266429.82	0.00022897	7.87E-05	1.91E-04	5.90E-05	4.53E-05	1.51E-05	3.53E-05
9332	625730.08	4266438.83	0.0002282	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05
9333	625726.17	4266447.84	0.00022754	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05
9334	625722.26	4266456.85	0.00022699	7.81E-05	1.90E-04	5.84E-05	4.49E-05	1.50E-05	3.50E-05
9335	625718.35	4266465.86	0.00022653	7.79E-05	1.89E-04	5.83E-05	4.48E-05	1.49E-05	3.50E-05
9336	625714.44	4266474.87	0.00022619	7.78E-05	1.89E-04	5.82E-05	4.48E-05	1.49E-05	3.49E-05
9337	625710.53	4266483.87	0.00022596	7.77E-05	1.89E-04	5.82E-05	4.47E-05	1.49E-05	3.49E-05
9338	625706.62	4266492.88	0.00022584	7.77E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05
9339	625702.71	4266501.89	0.00022576	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05
9340	625698.8	4266510.9	0.00022576	7.76E-05	1.89E-04	5.81E-05	4.47E-05	1.49E-05	3.48E-05
9341	625694.89	4266519.91	0.0002259	7.77E-05	1.89E-04	5.82E-05	4.47E-05	1.49E-05	3.49E-05
9342	625690.98	4266528.92	0.00022616	7.78E-05	1.89E-04	5.82E-05	4.48E-05	1.49E-05	3.49E-05
9343	625687.07	4266537.93	0.00022656	7.79E-05	1.89E-04	5.83E-05	4.48E-05	1.49E-05	3.50E-05
9344	625683.16	4266546.93	0.00022705	7.81E-05	1.90E-04	5.85E-05	4.49E-05	1.50E-05	3.50E-05
9345	625679.25	4266555.94	0.00022762	7.83E-05	1.90E-04	5.86E-05	4.51E-05	1.50E-05	3.51E-05
9346	625675.34	4266564.95	0.00022828	7.85E-05	1.91E-04	5.88E-05	4.52E-05	1.50E-05	3.52E-05
9347	625671.43	4266573.96	0.000229	7.87E-05	1.91E-04	5.90E-05	4.53E-05	1.51E-05	3.53E-05
9348	625667.52	4266582.97	0.00022975	7.90E-05	1.92E-04	5.92E-05	4.55E-05	1.51E-05	3.55E-05
9349	625663.61	4266591.98	0.00023061	7.93E-05	1.93E-04	5.94E-05	4.56E-05	1.52E-05	3.56E-05
9350	625659.7	4266600.99	0.0002315	7.96E-05	1.93E-04	5.96E-05	4.58E-05	1.53E-05	3.57E-05
9351	625655.79	4266609.99	0.00023247	7.99E-05	1.94E-04	5.99E-05	4.60E-05	1.53E-05	3.59E-05
9352	625651.88	4266619	0.00023351	8.03E-05	1.95E-04	6.01E-05	4.62E-05	1.54E-05	3.60E-05
9353	625647.96	4266628.01	0.0002346	8.07E-05	1.96E-04	6.04E-05	4.64E-05	1.55E-05	3.62E-05
9354	625644.05	4266637.02	0.00023575	8.11E-05	1.97E-04	6.07E-05	4.67E-05	1.55E-05	3.64E-05
9355	625640.14	4266646.03	0.00023698	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05
9356	625636.23	4266655.04	0.00023827	8.19E-05	1.99E-04	6.13E-05	4.72E-05	1.57E-05	3.68E-05

9357	625632.32	4266664.05	0.00023962	8.24E-05	2.00E-04	6.17E-05	4.74E-05	1.58E-05	3.70E-05
9358	625628.41	4266673.06	0.000241	8.29E-05	2.01E-04	6.20E-05	4.77E-05	1.59E-05	3.72E-05
9359	625624.5	4266682.06	0.00024243	8.34E-05	2.03E-04	6.24E-05	4.80E-05	1.60E-05	3.74E-05
9360	625569.76	4266808.19	0.00026361	9.06E-05	2.20E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05
9361	625565.85	4266817.19	0.00026496	9.11E-05	2.21E-04	6.82E-05	5.24E-05	1.75E-05	4.09E-05
9362	625561.94	4266826.2	0.00026628	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.75E-05	4.11E-05
9363	625558.03	4266835.21	0.00026752	9.20E-05	2.24E-04	6.89E-05	5.30E-05	1.76E-05	4.13E-05
9364	625554.12	4266844.22	0.00026869	9.24E-05	2.25E-04	6.92E-05	5.32E-05	1.77E-05	4.15E-05
9365	625550.21	4266853.23	0.00026981	9.28E-05	2.26E-04	6.95E-05	5.34E-05	1.78E-05	4.16E-05
9366	625546.3	4266862.24	0.00027087	9.31E-05	2.26E-04	6.97E-05	5.36E-05	1.78E-05	4.18E-05
9367	625533.25	4266874.84	0.00027538	9.47E-05	2.30E-04	7.09E-05	5.45E-05	1.81E-05	4.25E-05
9368	625524.11	4266878.44	0.00027888	9.59E-05	2.33E-04	7.18E-05	5.52E-05	1.84E-05	4.30E-05
9369	625514.98	4266882.04	0.00028235	9.71E-05	2.36E-04	7.27E-05	5.59E-05	1.86E-05	4.36E-05
9370	625505.84	4266885.64	0.0002858	9.83E-05	2.39E-04	7.36E-05	5.66E-05	1.88E-05	4.41E-05
9371	625496.7	4266889.24	0.00028924	9.95E-05	2.42E-04	7.45E-05	5.73E-05	1.91E-05	4.46E-05
9372	625487.56	4266892.84	0.00029263	1.01E-04	2.45E-04	7.53E-05	5.79E-05	1.93E-05	4.52E-05
9373	625478.43	4266896.44	0.00029599	1.02E-04	2.47E-04	7.62E-05	5.86E-05	1.95E-05	4.57E-05
9374	625469.29	4266900.04	0.00029929	1.03E-04	2.50E-04	7.71E-05	5.92E-05	1.97E-05	4.62E-05
9375	625460.15	4266903.63	0.00030256	1.04E-04	2.53E-04	7.79E-05	5.99E-05	1.99E-05	4.67E-05
9376	625451.01	4266907.23	0.0003058	1.05E-04	2.56E-04	7.87E-05	6.05E-05	2.01E-05	4.72E-05
9377	625441.88	4266910.83	0.00030899	1.06E-04	2.58E-04	7.96E-05	6.12E-05	2.04E-05	4.77E-05
9378	625432.74	4266914.43	0.00031212	1.07E-04	2.61E-04	8.04E-05	6.18E-05	2.06E-05	4.82E-05
9379	625423.6	4266918.03	0.00031522	1.08E-04	2.63E-04	8.12E-05	6.24E-05	2.08E-05	4.86E-05
9380	625414.46	4266921.63	0.00031829	1.09E-04	2.66E-04	8.19E-05	6.30E-05	2.10E-05	4.91E-05
9381	625405.33	4266925.23	0.0003213	1.10E-04	2.69E-04	8.27E-05	6.36E-05	2.12E-05	4.96E-05
9382	625396.19	4266928.83	0.00032429	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.00E-05
9383	625387.05	4266932.42	0.00032724	1.13E-04	2.74E-04	8.43E-05	6.48E-05	2.16E-05	5.05E-05
9384	625377.91	4266936.02	0.00033017	1.14E-04	2.76E-04	8.50E-05	6.54E-05	2.18E-05	5.09E-05
9385	625368.78	4266939.62	0.0003331	1.15E-04	2.78E-04	8.58E-05	6.59E-05	2.19E-05	5.14E-05
9386	625359.64	4266943.22	0.00033597	1.16E-04	2.81E-04	8.65E-05	6.65E-05	2.21E-05	5.18E-05
9387	625350.5	4266946.82	0.00033884	1.17E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05
9388	625341.36	4266950.42	0.00034168	1.17E-04	2.86E-04	8.80E-05	6.76E-05	2.25E-05	5.27E-05
9389	625332.23	4266954.02	0.00034452	1.18E-04	2.88E-04	8.87E-05	6.82E-05	2.27E-05	5.32E-05
9390	625323.09	4266957.62	0.00034736	1.19E-04	2.90E-04	8.94E-05	6.88E-05	2.29E-05	5.36E-05
9391	625313.95	4266961.22	0.00035015	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05
9392	625304.81	4266964.81	0.00035293	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05
9393	625295.68	4266968.41	0.00035568	1.22E-04	2.97E-04	9.16E-05	7.04E-05	2.34E-05	5.49E-05
9394	625286.54	4266972.01	0.00035841	1.23E-04	3.00E-04	9.23E-05	7.09E-05	2.36E-05	5.53E-05
9395	625277.4	4266975.61	0.00036111	1.24E-04	3.02E-04	9.30E-05	7.15E-05	2.38E-05	5.57E-05
9396	625268.26	4266979.21	0.00036375	1.25E-04	3.04E-04	9.36E-05	7.20E-05	2.40E-05	5.61E-05
9397	625259.13	4266982.81	0.0003663	1.26E-04	3.06E-04	9.43E-05	7.25E-05	2.41E-05	5.65E-05
9398	625249.99	4266986.41	0.0003688	1.27E-04	3.08E-04	9.50E-05	7.30E-05	2.43E-05	5.69E-05
9399	625240.85	4266990.01	0.00037124	1.28E-04	3.10E-04	9.56E-05	7.35E-05	2.45E-05	5.73E-05
9400	625231.71	4266993.6	0.00037356	1.28E-04	3.12E-04	9.62E-05	7.39E-05	2.46E-05	5.76E-05
9401	625222.58	4266997.2	0.0003758	1.29E-04	3.14E-04	9.68E-05	7.44E-05	2.48E-05	5.80E-05
9402	625213.44	4267000.8	0.00037793	1.30E-04	3.16E-04	9.73E-05	7.48E-05	2.49E-05	5.83E-05
9403	625204.3	4267004.4	0.00037994	1.31E-04	3.18E-04	9.78E-05	7.52E-05	2.50E-05	5.86E-05
9404	625195.16	4267008	0.00038186	1.31E-04	3.19E-04	9.83E-05	7.56E-05	2.52E-05	5.89E-05
9405	625186.03	4267011.6	0.00038364	1.32E-04	3.21E-04	9.88E-05	7.59E-05	2.53E-05	5.92E-05
9406	625176.89	4267015.2	0.00038533	1.33E-04	3.22E-04	9.92E-05	7.63E-05	2.54E-05	5.95E-05
9407	625167.75	4267018.8	0.00038694	1.33E-04	3.23E-04	9.96E-05	7.66E-05	2.55E-05	5.97E-05
9408	625158.61	4267022.39	0.00038843	1.34E-04	3.25E-04	1.00E-04	7.69E-05	2.56E-05	5.99E-05

9409	625149.48	4267025.99	0.00038984	1.34E-04	3.26E-04	1.00E-04	7.72E-05	2.57E-05	6.02E-05
9410	625140.34	4267029.59	0.00039116	1.35E-04	3.27E-04	1.01E-04	7.74E-05	2.58E-05	6.04E-05
9411	625131.2	4267033.19	0.00039239	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.05E-05
9412	625122.06	4267036.79	0.00039354	1.35E-04	3.29E-04	1.01E-04	7.79E-05	2.59E-05	6.07E-05
9413	625112.93	4267040.39	0.00039463	1.36E-04	3.30E-04	1.02E-04	7.81E-05	2.60E-05	6.09E-05
9414	625103.79	4267043.99	0.00039564	1.36E-04	3.31E-04	1.02E-04	7.83E-05	2.61E-05	6.10E-05
9415	625094.65	4267047.59	0.00039655	1.36E-04	3.31E-04	1.02E-04	7.85E-05	2.61E-05	6.12E-05
9416	625085.51	4267051.18	0.00039741	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.13E-05
9417	625076.38	4267054.78	0.00039816	1.37E-04	3.33E-04	1.03E-04	7.88E-05	2.62E-05	6.14E-05
9418	625067.24	4267058.38	0.00039879	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05
9419	625058.1	4267061.98	0.00039931	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05
9420	625048.96	4267065.58	0.00039968	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.17E-05
9421	625039.83	4267069.18	0.00039991	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.63E-05	6.17E-05
9422	625030.69	4267072.78	0.0004	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.64E-05	6.17E-05
9423	625021.55	4267076.38	0.00039988	1.38E-04	3.34E-04	1.03E-04	7.92E-05	2.63E-05	6.17E-05
9424	625012.41	4267079.97	0.00039962	1.37E-04	3.34E-04	1.03E-04	7.91E-05	2.63E-05	6.17E-05
9425	625003.28	4267083.57	0.00039914	1.37E-04	3.34E-04	1.03E-04	7.90E-05	2.63E-05	6.16E-05
9426	624994.14	4267087.17	0.00039848	1.37E-04	3.33E-04	1.03E-04	7.89E-05	2.63E-05	6.15E-05
9427	624985	4267090.77	0.00039764	1.37E-04	3.32E-04	1.02E-04	7.87E-05	2.62E-05	6.14E-05
9428	624975.86	4267094.37	0.00039661	1.36E-04	3.32E-04	1.02E-04	7.85E-05	2.61E-05	6.12E-05
9429	624966.73	4267097.97	0.00039538	1.36E-04	3.30E-04	1.02E-04	7.83E-05	2.61E-05	6.10E-05
9430	624957.59	4267101.57	0.000394	1.35E-04	3.29E-04	1.01E-04	7.80E-05	2.60E-05	6.08E-05
9431	624948.45	4267105.17	0.00039248	1.35E-04	3.28E-04	1.01E-04	7.77E-05	2.59E-05	6.06E-05
9432	624939.31	4267108.77	0.00039079	1.34E-04	3.27E-04	1.01E-04	7.74E-05	2.57E-05	6.03E-05
9433	624930.18	4267112.36	0.00038901	1.34E-04	3.25E-04	1.00E-04	7.70E-05	2.56E-05	6.00E-05
9434	624921.04	4267115.96	0.00038711	1.33E-04	3.24E-04	9.97E-05	7.66E-05	2.55E-05	5.97E-05
9435	624911.9	4267119.56	0.00038513	1.32E-04	3.22E-04	9.92E-05	7.62E-05	2.54E-05	5.94E-05
9436	624902.76	4267123.16	0.00038309	1.32E-04	3.20E-04	9.86E-05	7.58E-05	2.52E-05	5.91E-05
9437	624893.63	4267126.76	0.000381	1.31E-04	3.18E-04	9.81E-05	7.54E-05	2.51E-05	5.88E-05
9438	624884.49	4267130.36	0.00037885	1.30E-04	3.17E-04	9.75E-05	7.50E-05	2.50E-05	5.85E-05
9439	624875.35	4267133.96	0.00037672	1.30E-04	3.15E-04	9.70E-05	7.46E-05	2.48E-05	5.81E-05
9440	624866.21	4267137.56	0.00037454	1.29E-04	3.13E-04	9.64E-05	7.41E-05	2.47E-05	5.78E-05
9441	624857.08	4267141.15	0.00037242	1.28E-04	3.11E-04	9.59E-05	7.37E-05	2.45E-05	5.75E-05
9442	624847.94	4267144.75	0.00037026	1.27E-04	3.09E-04	9.53E-05	7.33E-05	2.44E-05	5.71E-05
9443	624838.8	4267148.35	0.00036814	1.27E-04	3.08E-04	9.48E-05	7.29E-05	2.43E-05	5.68E-05
9444	625847.55	4266158.64	0.00022544	7.75E-05	1.88E-04	5.80E-05	4.46E-05	1.49E-05	3.48E-05
9445	625847.71	4266148.71	0.0002247	7.73E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05
9446	625847.88	4266138.77	0.00022389	7.70E-05	1.87E-04	5.76E-05	4.43E-05	1.48E-05	3.45E-05
9447	625848.04	4266128.84	0.000223	7.67E-05	1.86E-04	5.74E-05	4.41E-05	1.47E-05	3.44E-05
9448	625848.2	4266118.91	0.00022214	7.64E-05	1.86E-04	5.72E-05	4.40E-05	1.46E-05	3.43E-05
9449	625848.37	4266108.97	0.00022122	7.61E-05	1.85E-04	5.70E-05	4.38E-05	1.46E-05	3.41E-05
9450	625848.53	4266099.04	0.00022022	7.57E-05	1.84E-04	5.67E-05	4.36E-05	1.45E-05	3.40E-05
9451	625848.69	4266089.11	0.00021913	7.54E-05	1.83E-04	5.64E-05	4.34E-05	1.44E-05	3.38E-05
9452	625848.86	4266079.17	0.00021798	7.50E-05	1.82E-04	5.61E-05	4.31E-05	1.44E-05	3.36E-05
9453	625849.02	4266069.24	0.00021672	7.45E-05	1.81E-04	5.58E-05	4.29E-05	1.43E-05	3.34E-05
9454	625849.18	4266059.31	0.0002154	7.41E-05	1.80E-04	5.55E-05	4.26E-05	1.42E-05	3.32E-05
9455	625849.35	4266049.37	0.00021411	7.36E-05	1.79E-04	5.51E-05	4.24E-05	1.41E-05	3.30E-05
9456	625849.51	4266039.44	0.00021281	7.32E-05	1.78E-04	5.48E-05	4.21E-05	1.40E-05	3.28E-05
9457	625849.67	4266029.51	0.00021152	7.27E-05	1.77E-04	5.45E-05	4.19E-05	1.39E-05	3.26E-05
9458	625849.84	4266019.57	0.00021023	7.23E-05	1.76E-04	5.41E-05	4.16E-05	1.39E-05	3.24E-05
9459	625850	4266009.64	0.00020911	7.19E-05	1.75E-04	5.38E-05	4.14E-05	1.38E-05	3.23E-05
9460	625850.16	4265999.71	0.00020808	7.16E-05	1.74E-04	5.36E-05	4.12E-05	1.37E-05	3.21E-05

9461	625850.33	4265989.77	0.00020707	7.12E-05	1.73E-04	5.33E-05	4.10E-05	1.36E-05	3.20E-05
9462	625850.49	4265979.84	0.00020595	7.08E-05	1.72E-04	5.30E-05	4.08E-05	1.36E-05	3.18E-05
9463	625850.66	4265969.91	0.00020478	7.04E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05
9464	625850.82	4265959.97	0.00020357	7.00E-05	1.70E-04	5.24E-05	4.03E-05	1.34E-05	3.14E-05
9465	625850.98	4265950.04	0.00020263	6.97E-05	1.69E-04	5.22E-05	4.01E-05	1.34E-05	3.13E-05
9466	625851.15	4265940.11	0.00020188	6.94E-05	1.69E-04	5.20E-05	4.00E-05	1.33E-05	3.12E-05
9467	625851.31	4265930.17	0.00020116	6.92E-05	1.68E-04	5.18E-05	3.98E-05	1.33E-05	3.10E-05
9468	625851.47	4265920.24	0.00020056	6.90E-05	1.68E-04	5.16E-05	3.97E-05	1.32E-05	3.09E-05
9469	625851.64	4265910.31	0.00020001	6.88E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.09E-05
9470	625851.8	4265900.37	0.00019958	6.86E-05	1.67E-04	5.14E-05	3.95E-05	1.31E-05	3.08E-05
9471	625851.96	4265890.44	0.0001993	6.85E-05	1.67E-04	5.13E-05	3.94E-05	1.31E-05	3.08E-05
9472	625852.13	4265880.51	0.00019912	6.85E-05	1.66E-04	5.13E-05	3.94E-05	1.31E-05	3.07E-05
9473	625852.29	4265870.57	0.00019909	6.85E-05	1.66E-04	5.13E-05	3.94E-05	1.31E-05	3.07E-05
9474	625852.45	4265860.64	0.00019921	6.85E-05	1.67E-04	5.13E-05	3.94E-05	1.31E-05	3.07E-05
9475	625852.62	4265850.71	0.00019944	6.86E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05
9476	625852.78	4265840.77	0.00019984	6.87E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.08E-05
9477	625852.94	4265830.84	0.00020036	6.89E-05	1.67E-04	5.16E-05	3.97E-05	1.32E-05	3.09E-05
9478	625853.11	4265820.91	0.00020099	6.91E-05	1.68E-04	5.17E-05	3.98E-05	1.32E-05	3.10E-05
9479	625853.27	4265810.97	0.00020179	6.94E-05	1.69E-04	5.20E-05	3.99E-05	1.33E-05	3.11E-05
9480	625853.44	4265801.04	0.00020268	6.97E-05	1.69E-04	5.22E-05	4.01E-05	1.34E-05	3.13E-05
9481	625853.6	4265791.11	0.00020369	7.00E-05	1.70E-04	5.24E-05	4.03E-05	1.34E-05	3.14E-05
9482	625853.76	4265781.17	0.00020483	7.04E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05
9483	625853.93	4265771.24	0.00020604	7.09E-05	1.72E-04	5.30E-05	4.08E-05	1.36E-05	3.18E-05
9484	625854.09	4265761.31	0.00020736	7.13E-05	1.73E-04	5.34E-05	4.10E-05	1.37E-05	3.20E-05
9485	625854.25	4265751.37	0.00020874	7.18E-05	1.74E-04	5.37E-05	4.13E-05	1.38E-05	3.22E-05
9486	625854.42	4265741.44	0.00021017	7.23E-05	1.76E-04	5.41E-05	4.16E-05	1.38E-05	3.24E-05
9487	625854.58	4265731.51	0.00021167	7.28E-05	1.77E-04	5.45E-05	4.19E-05	1.39E-05	3.27E-05
9488	625854.74	4265721.57	0.00021322	7.33E-05	1.78E-04	5.49E-05	4.22E-05	1.40E-05	3.29E-05
9489	625854.91	4265711.64	0.00021477	7.39E-05	1.80E-04	5.53E-05	4.25E-05	1.42E-05	3.31E-05
9490	625855.07	4265701.71	0.00021632	7.44E-05	1.81E-04	5.57E-05	4.28E-05	1.43E-05	3.34E-05
9491	625855.23	4265691.77	0.00021789	7.49E-05	1.82E-04	5.61E-05	4.31E-05	1.44E-05	3.36E-05
9492	625939.48	4266188.4	0.00020458	7.03E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05
9493	625935.53	4266197.5	0.00020601	7.08E-05	1.72E-04	5.30E-05	4.08E-05	1.36E-05	3.18E-05
9494	625931.58	4266206.59	0.00020736	7.13E-05	1.73E-04	5.34E-05	4.10E-05	1.37E-05	3.20E-05
9495	625927.64	4266215.68	0.00020862	7.17E-05	1.74E-04	5.37E-05	4.13E-05	1.37E-05	3.22E-05
9496	625923.69	4266224.78	0.00020983	7.22E-05	1.75E-04	5.40E-05	4.15E-05	1.38E-05	3.24E-05
9497	625919.74	4266233.87	0.00021092	7.25E-05	1.76E-04	5.43E-05	4.17E-05	1.39E-05	3.25E-05
9498	625915.8	4266242.97	0.00021192	7.29E-05	1.77E-04	5.46E-05	4.19E-05	1.40E-05	3.27E-05
9499	625911.85	4266252.06	0.00021284	7.32E-05	1.78E-04	5.48E-05	4.21E-05	1.40E-05	3.28E-05
9500	625907.9	4266261.15	0.00021362	7.35E-05	1.79E-04	5.50E-05	4.23E-05	1.41E-05	3.30E-05
9501	625903.95	4266270.25	0.00021428	7.37E-05	1.79E-04	5.52E-05	4.24E-05	1.41E-05	3.31E-05
9502	625900.01	4266279.34	0.00021479	7.39E-05	1.80E-04	5.53E-05	4.25E-05	1.42E-05	3.31E-05
9503	625896.06	4266288.43	0.00021517	7.40E-05	1.80E-04	5.54E-05	4.26E-05	1.42E-05	3.32E-05
9504	625892.11	4266297.53	0.00021543	7.41E-05	1.80E-04	5.55E-05	4.26E-05	1.42E-05	3.32E-05
9505	625888.17	4266306.62	0.00021548	7.41E-05	1.80E-04	5.55E-05	4.27E-05	1.42E-05	3.32E-05
9506	625884.22	4266315.71	0.0002154	7.41E-05	1.80E-04	5.55E-05	4.26E-05	1.42E-05	3.32E-05
9507	625880.27	4266324.81	0.00021522	7.40E-05	1.80E-04	5.54E-05	4.26E-05	1.42E-05	3.32E-05
9508	625876.33	4266333.9	0.00021494	7.39E-05	1.80E-04	5.53E-05	4.25E-05	1.42E-05	3.32E-05
9509	625872.38	4266342.99	0.00021451	7.38E-05	1.79E-04	5.52E-05	4.25E-05	1.41E-05	3.31E-05
9510	625868.43	4266352.09	0.00021396	7.36E-05	1.79E-04	5.51E-05	4.24E-05	1.41E-05	3.30E-05
9511	625864.48	4266361.18	0.0002133	7.33E-05	1.78E-04	5.49E-05	4.22E-05	1.41E-05	3.29E-05
9512	625860.54	4266370.27	0.00021253	7.31E-05	1.78E-04	5.47E-05	4.21E-05	1.40E-05	3.28E-05

9513	625856.59	4266379.37	0.00021169	7.28E-05	1.77E-04	5.45E-05	4.19E-05	1.39E-05	3.27E-05
9514	625852.64	4266388.46	0.00021078	7.25E-05	1.76E-04	5.43E-05	4.17E-05	1.39E-05	3.25E-05
9515	625848.7	4266397.55	0.00020983	7.22E-05	1.75E-04	5.40E-05	4.15E-05	1.38E-05	3.24E-05
9516	625844.75	4266406.65	0.00020882	7.18E-05	1.75E-04	5.38E-05	4.13E-05	1.38E-05	3.22E-05
9517	625840.8	4266415.74	0.00020782	7.15E-05	1.74E-04	5.35E-05	4.11E-05	1.37E-05	3.21E-05
9518	625836.86	4266424.83	0.00020682	7.11E-05	1.73E-04	5.32E-05	4.09E-05	1.36E-05	3.19E-05
9519	625832.91	4266433.93	0.00020584	7.08E-05	1.72E-04	5.30E-05	4.07E-05	1.36E-05	3.18E-05
9520	625828.96	4266443.02	0.00020483	7.04E-05	1.71E-04	5.27E-05	4.05E-05	1.35E-05	3.16E-05
9521	625825.01	4266452.11	0.00020389	7.01E-05	1.70E-04	5.25E-05	4.04E-05	1.34E-05	3.15E-05
9522	625821.07	4266461.21	0.00020297	6.98E-05	1.70E-04	5.23E-05	4.02E-05	1.34E-05	3.13E-05
9523	625817.12	4266470.3	0.00020219	6.95E-05	1.69E-04	5.21E-05	4.00E-05	1.33E-05	3.12E-05
9524	625813.17	4266479.39	0.00020151	6.93E-05	1.68E-04	5.19E-05	3.99E-05	1.33E-05	3.11E-05
9525	625809.23	4266488.49	0.0002009	6.91E-05	1.68E-04	5.17E-05	3.98E-05	1.32E-05	3.10E-05
9526	625805.28	4266497.58	0.00020042	6.89E-05	1.68E-04	5.16E-05	3.97E-05	1.32E-05	3.09E-05
9527	625801.33	4266506.67	0.00020001	6.88E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.09E-05
9528	625797.39	4266515.77	0.0001997	6.87E-05	1.67E-04	5.14E-05	3.95E-05	1.32E-05	3.08E-05
9529	625793.44	4266524.86	0.00019947	6.86E-05	1.67E-04	5.14E-05	3.95E-05	1.31E-05	3.08E-05
9530	625789.49	4266533.95	0.00019935	6.86E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05
9531	625785.54	4266543.05	0.00019932	6.85E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05
9532	625781.6	4266552.14	0.00019938	6.86E-05	1.67E-04	5.13E-05	3.95E-05	1.31E-05	3.08E-05
9533	625777.65	4266561.24	0.0001995	6.86E-05	1.67E-04	5.14E-05	3.95E-05	1.31E-05	3.08E-05
9534	625773.7	4266570.33	0.00019967	6.87E-05	1.67E-04	5.14E-05	3.95E-05	1.32E-05	3.08E-05
9535	625769.76	4266579.42	0.0001999	6.87E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.08E-05
9536	625765.81	4266588.52	0.00020019	6.88E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.09E-05
9537	625761.86	4266597.61	0.00020062	6.90E-05	1.68E-04	5.17E-05	3.97E-05	1.32E-05	3.10E-05
9538	625757.92	4266606.7	0.0002011	6.92E-05	1.68E-04	5.18E-05	3.98E-05	1.33E-05	3.10E-05
9539	625753.97	4266615.8	0.00020168	6.94E-05	1.69E-04	5.19E-05	3.99E-05	1.33E-05	3.11E-05
9540	625750.02	4266624.89	0.00020228	6.96E-05	1.69E-04	5.21E-05	4.00E-05	1.33E-05	3.12E-05
9541	625746.07	4266633.98	0.00020297	6.98E-05	1.70E-04	5.23E-05	4.02E-05	1.34E-05	3.13E-05
9542	625742.13	4266643.08	0.00020369	7.00E-05	1.70E-04	5.24E-05	4.03E-05	1.34E-05	3.14E-05
9543	625738.18	4266652.17	0.00020446	7.03E-05	1.71E-04	5.26E-05	4.05E-05	1.35E-05	3.15E-05
9544	625734.23	4266661.26	0.00020529	7.06E-05	1.72E-04	5.29E-05	4.06E-05	1.35E-05	3.17E-05
9545	625730.29	4266670.36	0.00020616	7.09E-05	1.72E-04	5.31E-05	4.08E-05	1.36E-05	3.18E-05
9546	625726.34	4266679.45	0.00020704	7.12E-05	1.73E-04	5.33E-05	4.10E-05	1.36E-05	3.19E-05
9547	625722.39	4266688.54	0.00020799	7.15E-05	1.74E-04	5.35E-05	4.12E-05	1.37E-05	3.21E-05
9548	625718.45	4266697.64	0.00020897	7.19E-05	1.75E-04	5.38E-05	4.14E-05	1.38E-05	3.22E-05
9549	625714.5	4266706.73	0.00021	7.22E-05	1.76E-04	5.41E-05	4.16E-05	1.38E-05	3.24E-05
9550	625710.55	4266715.82	0.00021106	7.26E-05	1.76E-04	5.43E-05	4.18E-05	1.39E-05	3.26E-05
9551	625706.6	4266724.92	0.00021215	7.30E-05	1.77E-04	5.46E-05	4.20E-05	1.40E-05	3.27E-05
9552	625702.66	4266734.01	0.00021333	7.34E-05	1.78E-04	5.49E-05	4.22E-05	1.41E-05	3.29E-05
9553	625698.71	4266743.1	0.00021454	7.38E-05	1.79E-04	5.52E-05	4.25E-05	1.41E-05	3.31E-05
9554	625694.76	4266752.2	0.00021577	7.42E-05	1.80E-04	5.56E-05	4.27E-05	1.42E-05	3.33E-05
9555	625682.92	4266779.48	0.00021964	7.55E-05	1.84E-04	5.66E-05	4.35E-05	1.45E-05	3.39E-05
9556	625678.98	4266788.57	0.00022099	7.60E-05	1.85E-04	5.69E-05	4.37E-05	1.46E-05	3.41E-05
9557	625675.03	4266797.66	0.00022231	7.64E-05	1.86E-04	5.72E-05	4.40E-05	1.46E-05	3.43E-05
9558	625671.08	4266806.76	0.00022363	7.69E-05	1.87E-04	5.76E-05	4.43E-05	1.47E-05	3.45E-05
9559	625667.13	4266815.85	0.00022495	7.74E-05	1.88E-04	5.79E-05	4.45E-05	1.48E-05	3.47E-05
9560	625663.19	4266824.94	0.00022625	7.78E-05	1.89E-04	5.82E-05	4.48E-05	1.49E-05	3.49E-05
9561	625659.24	4266834.04	0.00022754	7.82E-05	1.90E-04	5.86E-05	4.50E-05	1.50E-05	3.51E-05
9562	625655.29	4266843.13	0.00022883	7.87E-05	1.91E-04	5.89E-05	4.53E-05	1.51E-05	3.53E-05
9563	625651.35	4266852.22	0.00023009	7.91E-05	1.92E-04	5.92E-05	4.55E-05	1.52E-05	3.55E-05
9564	625647.4	4266861.32	0.00023133	7.95E-05	1.93E-04	5.96E-05	4.58E-05	1.52E-05	3.57E-05

9565	625643.45	4266870.41	0.00023253	8.00E-05	1.94E-04	5.99E-05	4.60E-05	1.53E-05	3.59E-05
9566	625639.51	4266879.51	0.00023374	8.04E-05	1.95E-04	6.02E-05	4.63E-05	1.54E-05	3.61E-05
9567	625635.56	4266888.6	0.00023488	8.08E-05	1.96E-04	6.05E-05	4.65E-05	1.55E-05	3.62E-05
9568	625631.61	4266897.69	0.00023603	8.12E-05	1.97E-04	6.08E-05	4.67E-05	1.56E-05	3.64E-05
9569	625627.66	4266906.79	0.00023709	8.15E-05	1.98E-04	6.10E-05	4.69E-05	1.56E-05	3.66E-05
9570	625623.72	4266915.88	0.00023813	8.19E-05	1.99E-04	6.13E-05	4.71E-05	1.57E-05	3.67E-05
9571	625619.77	4266924.97	0.00023913	8.22E-05	2.00E-04	6.16E-05	4.73E-05	1.58E-05	3.69E-05
9572	625565.76	4266961.32	0.00025541	8.78E-05	2.13E-04	6.58E-05	5.06E-05	1.68E-05	3.94E-05
9573	625556.54	4266964.95	0.00025822	8.88E-05	2.16E-04	6.65E-05	5.11E-05	1.70E-05	3.98E-05
9574	625547.31	4266968.59	0.000261	8.98E-05	2.18E-04	6.72E-05	5.17E-05	1.72E-05	4.03E-05
9575	625538.09	4266972.22	0.00026373	9.07E-05	2.20E-04	6.79E-05	5.22E-05	1.74E-05	4.07E-05
9576	625528.87	4266975.85	0.00026643	9.16E-05	2.23E-04	6.86E-05	5.27E-05	1.76E-05	4.11E-05
9577	625519.64	4266979.49	0.00026907	9.25E-05	2.25E-04	6.93E-05	5.33E-05	1.77E-05	4.15E-05
9578	625510.42	4266983.12	0.00027165	9.34E-05	2.27E-04	6.99E-05	5.38E-05	1.79E-05	4.19E-05
9579	625501.19	4266986.75	0.0002742	9.43E-05	2.29E-04	7.06E-05	5.43E-05	1.81E-05	4.23E-05
9580	625491.97	4266990.38	0.0002767	9.51E-05	2.31E-04	7.12E-05	5.48E-05	1.82E-05	4.27E-05
9581	625482.75	4266994.02	0.00027914	9.60E-05	2.33E-04	7.19E-05	5.53E-05	1.84E-05	4.31E-05
9582	625473.52	4266997.65	0.00028155	9.68E-05	2.35E-04	7.25E-05	5.57E-05	1.86E-05	4.34E-05
9583	625464.3	4267001.28	0.00028393	9.76E-05	2.37E-04	7.31E-05	5.62E-05	1.87E-05	4.38E-05
9584	625455.08	4267004.91	0.00028629	9.84E-05	2.39E-04	7.37E-05	5.67E-05	1.89E-05	4.42E-05
9585	625445.85	4267008.55	0.00028858	9.92E-05	2.41E-04	7.43E-05	5.71E-05	1.90E-05	4.45E-05
9586	625436.63	4267012.18	0.00029088	1.00E-04	2.43E-04	7.49E-05	5.76E-05	1.92E-05	4.49E-05
9587	625427.41	4267015.81	0.00029315	1.01E-04	2.45E-04	7.55E-05	5.80E-05	1.93E-05	4.52E-05
9588	625418.18	4267019.44	0.00029541	1.02E-04	2.47E-04	7.61E-05	5.85E-05	1.95E-05	4.56E-05
9589	625408.96	4267023.08	0.00029765	1.02E-04	2.49E-04	7.66E-05	5.89E-05	1.96E-05	4.59E-05
9590	625399.74	4267026.71	0.00029989	1.03E-04	2.51E-04	7.72E-05	5.94E-05	1.98E-05	4.63E-05
9591	625390.51	4267030.34	0.00030213	1.04E-04	2.53E-04	7.78E-05	5.98E-05	1.99E-05	4.66E-05
9592	625381.29	4267033.98	0.0003044	1.05E-04	2.54E-04	7.84E-05	6.03E-05	2.01E-05	4.70E-05
9593	625372.07	4267037.61	0.00030664	1.05E-04	2.56E-04	7.89E-05	6.07E-05	2.02E-05	4.73E-05
9594	625362.84	4267041.24	0.00030887	1.06E-04	2.58E-04	7.95E-05	6.11E-05	2.04E-05	4.77E-05
9595	625353.62	4267044.87	0.00031111	1.07E-04	2.60E-04	8.01E-05	6.16E-05	2.05E-05	4.80E-05
9596	625344.4	4267048.51	0.00031335	1.08E-04	2.62E-04	8.07E-05	6.20E-05	2.06E-05	4.84E-05
9597	625335.17	4267052.14	0.00031559	1.09E-04	2.64E-04	8.13E-05	6.25E-05	2.08E-05	4.87E-05
9598	625325.95	4267055.77	0.0003178	1.09E-04	2.66E-04	8.18E-05	6.29E-05	2.09E-05	4.90E-05
9599	625316.72	4267059.4	0.00032001	1.10E-04	2.67E-04	8.24E-05	6.33E-05	2.11E-05	4.94E-05
9600	625307.5	4267063.04	0.00032216	1.11E-04	2.69E-04	8.29E-05	6.38E-05	2.12E-05	4.97E-05
9601	625298.28	4267066.67	0.00032426	1.12E-04	2.71E-04	8.35E-05	6.42E-05	2.14E-05	5.00E-05
9602	625289.05	4267070.3	0.00032632	1.12E-04	2.73E-04	8.40E-05	6.46E-05	2.15E-05	5.04E-05
9603	625279.83	4267073.93	0.00032833	1.13E-04	2.74E-04	8.45E-05	6.50E-05	2.16E-05	5.07E-05
9604	625270.61	4267077.57	0.00033026	1.14E-04	2.76E-04	8.50E-05	6.54E-05	2.18E-05	5.10E-05
9605	625261.38	4267081.2	0.00033212	1.14E-04	2.78E-04	8.55E-05	6.57E-05	2.19E-05	5.12E-05
9606	625252.16	4267084.83	0.0003339	1.15E-04	2.79E-04	8.60E-05	6.61E-05	2.20E-05	5.15E-05
9607	625242.94	4267088.47	0.00033559	1.15E-04	2.81E-04	8.64E-05	6.64E-05	2.21E-05	5.18E-05
9608	625233.71	4267092.1	0.0003372	1.16E-04	2.82E-04	8.68E-05	6.67E-05	2.22E-05	5.20E-05
9609	625224.49	4267095.73	0.00033875	1.16E-04	2.83E-04	8.72E-05	6.71E-05	2.23E-05	5.23E-05
9610	625215.27	4267099.36	0.00034019	1.17E-04	2.84E-04	8.76E-05	6.73E-05	2.24E-05	5.25E-05
9611	625206.04	4267103	0.00034154	1.17E-04	2.85E-04	8.79E-05	6.76E-05	2.25E-05	5.27E-05
9612	625196.82	4267106.63	0.00034283	1.18E-04	2.87E-04	8.83E-05	6.79E-05	2.26E-05	5.29E-05
9613	625187.6	4267110.26	0.00034406	1.18E-04	2.88E-04	8.86E-05	6.81E-05	2.27E-05	5.31E-05
9614	625178.37	4267113.89	0.00034521	1.19E-04	2.89E-04	8.89E-05	6.83E-05	2.27E-05	5.33E-05
9615	625169.15	4267117.53	0.0003463	1.19E-04	2.89E-04	8.92E-05	6.85E-05	2.28E-05	5.34E-05
9616	625159.93	4267121.16	0.00034733	1.19E-04	2.90E-04	8.94E-05	6.88E-05	2.29E-05	5.36E-05

9617	625150.7	4267124.79	0.00034831	1.20E-04	2.91E-04	8.97E-05	6.89E-05	2.29E-05	5.37E-05
9618	625141.48	4267128.42	0.00034923	1.20E-04	2.92E-04	8.99E-05	6.91E-05	2.30E-05	5.39E-05
9619	625132.25	4267132.06	0.00035009	1.20E-04	2.93E-04	9.01E-05	6.93E-05	2.31E-05	5.40E-05
9620	625123.03	4267135.69	0.00035089	1.21E-04	2.93E-04	9.03E-05	6.95E-05	2.31E-05	5.41E-05
9621	625113.81	4267139.32	0.00035161	1.21E-04	2.94E-04	9.05E-05	6.96E-05	2.32E-05	5.43E-05
9622	625104.58	4267142.96	0.00035224	1.21E-04	2.94E-04	9.07E-05	6.97E-05	2.32E-05	5.44E-05
9623	625095.36	4267146.59	0.00035279	1.21E-04	2.95E-04	9.08E-05	6.98E-05	2.32E-05	5.44E-05
9624	625086.14	4267150.22	0.00035322	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05
9625	625076.91	4267153.85	0.00035356	1.22E-04	2.96E-04	9.10E-05	7.00E-05	2.33E-05	5.46E-05
9626	625067.69	4267157.49	0.00035373	1.22E-04	2.96E-04	9.11E-05	7.00E-05	2.33E-05	5.46E-05
9627	625058.47	4267161.12	0.00035379	1.22E-04	2.96E-04	9.11E-05	7.00E-05	2.33E-05	5.46E-05
9628	625049.24	4267164.75	0.00035368	1.22E-04	2.96E-04	9.11E-05	7.00E-05	2.33E-05	5.46E-05
9629	625040.02	4267168.38	0.00035342	1.22E-04	2.95E-04	9.10E-05	7.00E-05	2.33E-05	5.45E-05
9630	625030.8	4267172.02	0.00035299	1.21E-04	2.95E-04	9.09E-05	6.99E-05	2.33E-05	5.45E-05
9631	625021.57	4267175.65	0.00035238	1.21E-04	2.95E-04	9.07E-05	6.97E-05	2.32E-05	5.44E-05
9632	625012.35	4267179.28	0.00035161	1.21E-04	2.94E-04	9.05E-05	6.96E-05	2.32E-05	5.43E-05
9633	625003.13	4267182.91	0.00035066	1.21E-04	2.93E-04	9.03E-05	6.94E-05	2.31E-05	5.41E-05
9634	624993.9	4267186.55	0.00034957	1.20E-04	2.92E-04	9.00E-05	6.92E-05	2.30E-05	5.39E-05
9635	624984.68	4267190.18	0.00034831	1.20E-04	2.91E-04	8.97E-05	6.89E-05	2.29E-05	5.37E-05
9636	624975.46	4267193.81	0.00034693	1.19E-04	2.90E-04	8.93E-05	6.87E-05	2.29E-05	5.35E-05
9637	624966.23	4267197.44	0.00034541	1.19E-04	2.89E-04	8.89E-05	6.84E-05	2.28E-05	5.33E-05
9638	624957.01	4267201.08	0.00034377	1.18E-04	2.87E-04	8.85E-05	6.80E-05	2.26E-05	5.30E-05
9639	624947.78	4267204.71	0.00034205	1.18E-04	2.86E-04	8.81E-05	6.77E-05	2.25E-05	5.28E-05
9640	624938.56	4267208.34	0.00034027	1.17E-04	2.84E-04	8.76E-05	6.74E-05	2.24E-05	5.25E-05
9641	624929.34	4267211.98	0.00033844	1.16E-04	2.83E-04	8.71E-05	6.70E-05	2.23E-05	5.22E-05
9642	624920.11	4267215.61	0.00033654	1.16E-04	2.81E-04	8.66E-05	6.66E-05	2.22E-05	5.19E-05
9643	624910.89	4267219.24	0.00033465	1.15E-04	2.80E-04	8.62E-05	6.62E-05	2.20E-05	5.16E-05
9644	624901.67	4267222.87	0.00033275	1.14E-04	2.78E-04	8.57E-05	6.59E-05	2.19E-05	5.13E-05
9645	624892.44	4267226.51	0.00033086	1.14E-04	2.77E-04	8.52E-05	6.55E-05	2.18E-05	5.11E-05
9646	624883.22	4267230.14	0.00032899	1.13E-04	2.75E-04	8.47E-05	6.51E-05	2.17E-05	5.08E-05
9647	624874	4267233.77	0.00032716	1.13E-04	2.73E-04	8.42E-05	6.48E-05	2.16E-05	5.05E-05
9648	624864.77	4267237.4	0.00032535	1.12E-04	2.72E-04	8.38E-05	6.44E-05	2.14E-05	5.02E-05
9649	624855.55	4267241.04	0.00032357	1.11E-04	2.70E-04	8.33E-05	6.40E-05	2.13E-05	4.99E-05
9650	624846.33	4267244.67	0.00032185	1.11E-04	2.69E-04	8.29E-05	6.37E-05	2.12E-05	4.97E-05
9651	624837.1	4267248.3	0.00032015	1.10E-04	2.68E-04	8.24E-05	6.34E-05	2.11E-05	4.94E-05
9652	625947.53	4266160.28	0.00020076	6.90E-05	1.68E-04	5.17E-05	3.97E-05	1.32E-05	3.10E-05
9653	625947.7	4266150.35	0.0001999	6.87E-05	1.67E-04	5.15E-05	3.96E-05	1.32E-05	3.08E-05
9654	625947.86	4266140.42	0.00019898	6.84E-05	1.66E-04	5.12E-05	3.94E-05	1.31E-05	3.07E-05
9655	625948.03	4266130.48	0.00019798	6.81E-05	1.65E-04	5.10E-05	3.92E-05	1.30E-05	3.05E-05
9656	625948.19	4266120.55	0.00019697	6.77E-05	1.65E-04	5.07E-05	3.90E-05	1.30E-05	3.04E-05
9657	625948.35	4266110.62	0.00019594	6.74E-05	1.64E-04	5.04E-05	3.88E-05	1.29E-05	3.02E-05
9658	625948.52	4266100.68	0.00019482	6.70E-05	1.63E-04	5.02E-05	3.86E-05	1.28E-05	3.01E-05
9659	625948.68	4266090.75	0.00019358	6.66E-05	1.62E-04	4.98E-05	3.83E-05	1.28E-05	2.99E-05
9660	625948.84	4266080.82	0.00019235	6.61E-05	1.61E-04	4.95E-05	3.81E-05	1.27E-05	2.97E-05
9661	625949.01	4266070.88	0.000191	6.57E-05	1.60E-04	4.92E-05	3.78E-05	1.26E-05	2.95E-05
9662	625949.17	4266060.95	0.00018959	6.52E-05	1.58E-04	4.88E-05	3.75E-05	1.25E-05	2.93E-05
9663	625949.33	4266051.02	0.00018816	6.47E-05	1.57E-04	4.84E-05	3.72E-05	1.24E-05	2.90E-05
9664	625949.5	4266041.08	0.00018675	6.42E-05	1.56E-04	4.81E-05	3.70E-05	1.23E-05	2.88E-05
9665	625949.66	4266031.15	0.00018538	6.37E-05	1.55E-04	4.77E-05	3.67E-05	1.22E-05	2.86E-05
9666	625949.82	4266021.22	0.00018403	6.33E-05	1.54E-04	4.74E-05	3.64E-05	1.21E-05	2.84E-05
9667	625949.99	4266011.28	0.00018268	6.28E-05	1.53E-04	4.70E-05	3.62E-05	1.20E-05	2.82E-05
9668	625950.15	4266001.35	0.00018133	6.24E-05	1.52E-04	4.67E-05	3.59E-05	1.19E-05	2.80E-05

9669	625950.31	4265991.42	0.00018001	6.19E-05	1.50E-04	4.63E-05	3.56E-05	1.19E-05	2.78E-05
9670	625950.48	4265981.48	0.00017883	6.15E-05	1.49E-04	4.60E-05	3.54E-05	1.18E-05	2.76E-05
9671	625950.64	4265971.55	0.00017789	6.12E-05	1.49E-04	4.58E-05	3.52E-05	1.17E-05	2.74E-05
9672	625950.81	4265961.62	0.000177	6.09E-05	1.48E-04	4.56E-05	3.50E-05	1.17E-05	2.73E-05
9673	625950.97	4265951.68	0.00017616	6.06E-05	1.47E-04	4.54E-05	3.49E-05	1.16E-05	2.72E-05
9674	625951.13	4265941.75	0.00017545	6.03E-05	1.47E-04	4.52E-05	3.47E-05	1.16E-05	2.71E-05
9675	625951.3	4265931.82	0.00017479	6.01E-05	1.46E-04	4.50E-05	3.46E-05	1.15E-05	2.70E-05
9676	625951.46	4265921.88	0.00017424	5.99E-05	1.46E-04	4.49E-05	3.45E-05	1.15E-05	2.69E-05
9677	625951.62	4265911.95	0.00017381	5.98E-05	1.45E-04	4.47E-05	3.44E-05	1.15E-05	2.68E-05
9678	625951.79	4265902.02	0.00017349	5.97E-05	1.45E-04	4.47E-05	3.43E-05	1.14E-05	2.68E-05
9679	625951.95	4265892.08	0.00017335	5.96E-05	1.45E-04	4.46E-05	3.43E-05	1.14E-05	2.67E-05
9680	625952.11	4265882.15	0.00017344	5.96E-05	1.45E-04	4.47E-05	3.43E-05	1.14E-05	2.68E-05
9681	625952.28	4265872.22	0.00017361	5.97E-05	1.45E-04	4.47E-05	3.44E-05	1.14E-05	2.68E-05
9682	625952.44	4265862.28	0.0001739	5.98E-05	1.45E-04	4.48E-05	3.44E-05	1.15E-05	2.68E-05
9683	625952.6	4265852.35	0.00017418	5.99E-05	1.46E-04	4.48E-05	3.45E-05	1.15E-05	2.69E-05
9684	625952.77	4265842.42	0.00017461	6.00E-05	1.46E-04	4.50E-05	3.46E-05	1.15E-05	2.69E-05
9685	625952.93	4265832.48	0.00017516	6.02E-05	1.46E-04	4.51E-05	3.47E-05	1.15E-05	2.70E-05
9686	625953.09	4265822.55	0.00017582	6.05E-05	1.47E-04	4.53E-05	3.48E-05	1.16E-05	2.71E-05
9687	625953.26	4265812.62	0.00017659	6.07E-05	1.48E-04	4.55E-05	3.50E-05	1.16E-05	2.72E-05
9688	625953.42	4265802.68	0.00017745	6.10E-05	1.48E-04	4.57E-05	3.51E-05	1.17E-05	2.74E-05
9689	625953.59	4265792.75	0.00017843	6.14E-05	1.49E-04	4.59E-05	3.53E-05	1.18E-05	2.75E-05
9690	625953.75	4265782.82	0.00017946	6.17E-05	1.50E-04	4.62E-05	3.55E-05	1.18E-05	2.77E-05
9691	625953.91	4265772.88	0.00018058	6.21E-05	1.51E-04	4.65E-05	3.57E-05	1.19E-05	2.79E-05
9692	625954.08	4265762.95	0.00018179	6.25E-05	1.52E-04	4.68E-05	3.60E-05	1.20E-05	2.81E-05
9693	625954.24	4265753.02	0.00018302	6.29E-05	1.53E-04	4.71E-05	3.62E-05	1.21E-05	2.82E-05
9694	625954.4	4265743.08	0.00018429	6.34E-05	1.54E-04	4.74E-05	3.65E-05	1.21E-05	2.84E-05
9695	625954.57	4265733.15	0.00018543	6.38E-05	1.55E-04	4.77E-05	3.67E-05	1.22E-05	2.86E-05
9696	625954.73	4265723.22	0.00018661	6.42E-05	1.56E-04	4.80E-05	3.69E-05	1.23E-05	2.88E-05
9697	625954.89	4265713.28	0.00018784	6.46E-05	1.57E-04	4.84E-05	3.72E-05	1.24E-05	2.90E-05
9698	625955.06	4265703.35	0.00018922	6.51E-05	1.58E-04	4.87E-05	3.75E-05	1.25E-05	2.92E-05
9699	625955.22	4265693.42	0.00019063	6.56E-05	1.59E-04	4.91E-05	3.77E-05	1.26E-05	2.94E-05

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Tons/Yr	T2	T3	T4i	T4f
Year 1	0.12857	0.107465	0.025449	0.019839
Year 2	0.0442115	0.033102	0.008471	0.00408
Year 3	0	0	0	0
Year 4	0	0	0	0

PM 10				
Lbs /Yr	T2	T3	T4i	T4f
Year 1	257.14	214.93	50.898	39.678
Year 2	88.423	66.204	16.942	8.1606
Year 3	0	0	0	0
Year 4	0	0	0	0

PM 10				
% Chng	T2	T3	T4i	T4f
Year 1	100%	84%	20%	15%
Year 2	100%	75%	19%	9%
Year 3	0%	0%	0%	0%
Year 4	0%	0%	0%	0%

HARP Adjustment						
24	X	7	X	52	=	3.88
9		5		50		

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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/22/2025
** File: D:\LSA\2025\20252264\Construction\Construction.ADI
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** AERMOD Control Pathway
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CO STARTING
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   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID OTHER
   FLAGPOLE 1.80
   RUNORNOT RUN
   ERRORFIL Construction.err
CO FINISHED
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** AERMOD Source Pathway
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**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = GRD1
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
** SZINIT = 0.47
** Nodes = 2
** 624398.043, 4266126.650, 6.10, 0.00, 2.84
** 624403.929, 4265686.151, 6.10, 0.00, 2.84
** ------------------------------------------------------------------
   LOCATION L0001323     VOLUME   624398.063 4266125.127 6.10
   LOCATION L0001324     VOLUME   624398.145 4266119.031 6.10
   LOCATION L0001325     VOLUME   624398.226 4266112.936 6.10
   LOCATION L0001326     VOLUME   624398.308 4266106.840 6.10
   LOCATION L0001327     VOLUME   624398.389 4266100.745 6.10
   LOCATION L0001328     VOLUME   624398.471 4266094.649 6.10
   LOCATION L0001329     VOLUME   624398.552 4266088.554 6.10
   LOCATION L0001330     VOLUME   624398.633 4266082.458 6.10
   LOCATION L0001331     VOLUME   624398.715 4266076.363 6.10
   LOCATION L0001332     VOLUME   624398.796 4266070.267 6.10
   LOCATION L0001333     VOLUME   624398.878 4266064.172 6.10
   LOCATION L0001334     VOLUME   624398.959 4266058.077 6.10
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   LOCATION L0001335     VOLUME   624399.041 4266051.981 6.10
   LOCATION L0001336     VOLUME   624399.122 4266045.886 6.10
   LOCATION L0001337     VOLUME   624399.204 4266039.790 6.10
   LOCATION L0001338     VOLUME   624399.285 4266033.695 6.10
   LOCATION L0001339     VOLUME   624399.367 4266027.599 6.10
   LOCATION L0001340     VOLUME   624399.448 4266021.504 6.10
   LOCATION L0001341     VOLUME   624399.529 4266015.408 6.10
   LOCATION L0001342     VOLUME   624399.611 4266009.313 6.10
   LOCATION L0001343     VOLUME   624399.692 4266003.217 6.10
   LOCATION L0001344     VOLUME   624399.774 4265997.122 6.10
   LOCATION L0001345     VOLUME   624399.855 4265991.027 6.10
   LOCATION L0001346     VOLUME   624399.937 4265984.931 6.10
   LOCATION L0001347     VOLUME   624400.018 4265978.836 6.10
   LOCATION L0001348     VOLUME   624400.100 4265972.740 6.10
   LOCATION L0001349     VOLUME   624400.181 4265966.645 6.10
   LOCATION L0001350     VOLUME   624400.263 4265960.549 6.10
   LOCATION L0001351     VOLUME   624400.344 4265954.454 6.10
   LOCATION L0001352     VOLUME   624400.425 4265948.358 6.10
   LOCATION L0001353     VOLUME   624400.507 4265942.263 6.10
   LOCATION L0001354     VOLUME   624400.588 4265936.167 6.10
   LOCATION L0001355     VOLUME   624400.670 4265930.072 6.10
   LOCATION L0001356     VOLUME   624400.751 4265923.976 6.10
   LOCATION L0001357     VOLUME   624400.833 4265917.881 6.10
   LOCATION L0001358     VOLUME   624400.914 4265911.786 6.10
   LOCATION L0001359     VOLUME   624400.996 4265905.690 6.10
   LOCATION L0001360     VOLUME   624401.077 4265899.595 6.10
   LOCATION L0001361     VOLUME   624401.159 4265893.499 6.10
   LOCATION L0001362     VOLUME   624401.240 4265887.404 6.10
   LOCATION L0001363     VOLUME   624401.321 4265881.308 6.10
   LOCATION L0001364     VOLUME   624401.403 4265875.213 6.10
   LOCATION L0001365     VOLUME   624401.484 4265869.117 6.10
   LOCATION L0001366     VOLUME   624401.566 4265863.022 6.10
   LOCATION L0001367     VOLUME   624401.647 4265856.926 6.10
   LOCATION L0001368     VOLUME   624401.729 4265850.831 6.10
   LOCATION L0001369     VOLUME   624401.810 4265844.736 6.10
   LOCATION L0001370     VOLUME   624401.892 4265838.640 6.10
   LOCATION L0001371     VOLUME   624401.973 4265832.545 6.10
   LOCATION L0001372     VOLUME   624402.055 4265826.449 6.10
   LOCATION L0001373     VOLUME   624402.136 4265820.354 6.10
   LOCATION L0001374     VOLUME   624402.217 4265814.258 6.10
   LOCATION L0001375     VOLUME   624402.299 4265808.163 6.10
   LOCATION L0001376     VOLUME   624402.380 4265802.067 6.10
   LOCATION L0001377     VOLUME   624402.462 4265795.972 6.10
   LOCATION L0001378     VOLUME   624402.543 4265789.876 6.10
   LOCATION L0001379     VOLUME   624402.625 4265783.781 6.10
   LOCATION L0001380     VOLUME   624402.706 4265777.686 6.10
   LOCATION L0001381     VOLUME   624402.788 4265771.590 6.10
   LOCATION L0001382     VOLUME   624402.869 4265765.495 6.10
   LOCATION L0001383     VOLUME   624402.950 4265759.399 6.10
   LOCATION L0001384     VOLUME   624403.032 4265753.304 6.10
   LOCATION L0001385     VOLUME   624403.113 4265747.208 6.10
   LOCATION L0001386     VOLUME   624403.195 4265741.113 6.10
   LOCATION L0001387     VOLUME   624403.276 4265735.017 6.10
   LOCATION L0001388     VOLUME   624403.358 4265728.922 6.10
   LOCATION L0001389     VOLUME   624403.439 4265722.826 6.10
   LOCATION L0001390     VOLUME   624403.521 4265716.731 6.10
   LOCATION L0001391     VOLUME   624403.602 4265710.636 6.10
   LOCATION L0001392     VOLUME   624403.684 4265704.540 6.10
   LOCATION L0001393     VOLUME   624403.765 4265698.445 6.10
   LOCATION L0001394     VOLUME   624403.846 4265692.349 6.10
   LOCATION L0001395     VOLUME   624403.928 4265686.254 6.10
** End of LINE VOLUME Source ID = GRD1
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** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = GRD2
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
** SZINIT = 0.47
** Nodes = 2
** 624461.812, 4266130.575, 6.10, 0.00, 2.84
** 624467.699, 4265684.189, 6.08, 0.00, 2.84
** ----------------------------------------------------------------------
   LOCATION L0001250     VOLUME   624461.832 4266129.051 6.10
   LOCATION L0001251     VOLUME   624461.913 4266122.955 6.10
   LOCATION L0001252     VOLUME   624461.993 4266116.860 6.10
   LOCATION L0001253     VOLUME   624462.074 4266110.764 6.10
   LOCATION L0001254     VOLUME   624462.154 4266104.669 6.10
   LOCATION L0001255     VOLUME   624462.234 4266098.573 6.10
   LOCATION L0001256     VOLUME   624462.315 4266092.478 6.10
   LOCATION L0001257     VOLUME   624462.395 4266086.383 6.10
   LOCATION L0001258     VOLUME   624462.475 4266080.287 6.10
   LOCATION L0001259     VOLUME   624462.556 4266074.192 6.10
   LOCATION L0001260     VOLUME   624462.636 4266068.096 6.10
   LOCATION L0001261     VOLUME   624462.717 4266062.001 6.10
   LOCATION L0001262     VOLUME   624462.797 4266055.905 6.10
   LOCATION L0001263     VOLUME   624462.877 4266049.810 6.10
   LOCATION L0001264     VOLUME   624462.958 4266043.714 6.10
   LOCATION L0001265     VOLUME   624463.038 4266037.619 6.10
   LOCATION L0001266     VOLUME   624463.118 4266031.523 6.10
   LOCATION L0001267     VOLUME   624463.199 4266025.428 6.10
   LOCATION L0001268     VOLUME   624463.279 4266019.332 6.10
   LOCATION L0001269     VOLUME   624463.360 4266013.237 6.10
   LOCATION L0001270     VOLUME   624463.440 4266007.141 6.10
   LOCATION L0001271     VOLUME   624463.520 4266001.046 6.10
   LOCATION L0001272     VOLUME   624463.601 4265994.950 6.10
   LOCATION L0001273     VOLUME   624463.681 4265988.855 6.10
   LOCATION L0001274     VOLUME   624463.761 4265982.760 6.10
   LOCATION L0001275     VOLUME   624463.842 4265976.664 6.10
   LOCATION L0001276     VOLUME   624463.922 4265970.569 6.10
   LOCATION L0001277     VOLUME   624464.003 4265964.473 6.10
   LOCATION L0001278     VOLUME   624464.083 4265958.378 6.10
   LOCATION L0001279     VOLUME   624464.163 4265952.282 6.10
   LOCATION L0001280     VOLUME   624464.244 4265946.187 6.10
   LOCATION L0001281     VOLUME   624464.324 4265940.091 6.10
   LOCATION L0001282     VOLUME   624464.405 4265933.996 6.10
   LOCATION L0001283     VOLUME   624464.485 4265927.900 6.10
   LOCATION L0001284     VOLUME   624464.565 4265921.805 6.10
   LOCATION L0001285     VOLUME   624464.646 4265915.709 6.10
   LOCATION L0001286     VOLUME   624464.726 4265909.614 6.10
   LOCATION L0001287     VOLUME   624464.806 4265903.518 6.10
   LOCATION L0001288     VOLUME   624464.887 4265897.423 6.10
   LOCATION L0001289     VOLUME   624464.967 4265891.327 6.10
   LOCATION L0001290     VOLUME   624465.048 4265885.232 6.10
   LOCATION L0001291     VOLUME   624465.128 4265879.137 6.10
   LOCATION L0001292     VOLUME   624465.208 4265873.041 6.10
   LOCATION L0001293     VOLUME   624465.289 4265866.946 6.10
   LOCATION L0001294     VOLUME   624465.369 4265860.850 6.10
   LOCATION L0001295     VOLUME   624465.449 4265854.755 6.10
   LOCATION L0001296     VOLUME   624465.530 4265848.659 6.10
   LOCATION L0001297     VOLUME   624465.610 4265842.564 6.10
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   LOCATION L0001298     VOLUME   624465.691 4265836.468 6.10
   LOCATION L0001299     VOLUME   624465.771 4265830.373 6.10
   LOCATION L0001300     VOLUME   624465.851 4265824.277 6.10
   LOCATION L0001301     VOLUME   624465.932 4265818.182 6.10
   LOCATION L0001302     VOLUME   624466.012 4265812.086 6.10
   LOCATION L0001303     VOLUME   624466.092 4265805.991 6.10
   LOCATION L0001304     VOLUME   624466.173 4265799.895 6.10
   LOCATION L0001305     VOLUME   624466.253 4265793.800 6.10
   LOCATION L0001306     VOLUME   624466.334 4265787.704 6.10
   LOCATION L0001307     VOLUME   624466.414 4265781.609 6.10
   LOCATION L0001308     VOLUME   624466.494 4265775.514 6.10
   LOCATION L0001309     VOLUME   624466.575 4265769.418 6.10
   LOCATION L0001310     VOLUME   624466.655 4265763.323 6.10
   LOCATION L0001311     VOLUME   624466.736 4265757.227 6.10
   LOCATION L0001312     VOLUME   624466.816 4265751.132 6.10
   LOCATION L0001313     VOLUME   624466.896 4265745.036 6.10
   LOCATION L0001314     VOLUME   624466.977 4265738.941 6.10
   LOCATION L0001315     VOLUME   624467.057 4265732.845 6.10
   LOCATION L0001316     VOLUME   624467.137 4265726.750 6.10
   LOCATION L0001317     VOLUME   624467.218 4265720.654 6.10
   LOCATION L0001318     VOLUME   624467.298 4265714.559 6.10
   LOCATION L0001319     VOLUME   624467.379 4265708.463 6.10
   LOCATION L0001320     VOLUME   624467.459 4265702.368 6.10
   LOCATION L0001321     VOLUME   624467.539 4265696.272 6.10
   LOCATION L0001322     VOLUME   624467.620 4265690.177 6.10
** End of LINE VOLUME Source ID = GRD2
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = GRD3
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
** SZINIT = 0.47
** Nodes = 2
** 624527.544, 4266133.518, 6.10, 0.00, 2.84
** 624528.525, 4265686.151, 5.79, 0.00, 2.84
** ----------------------------------------------------------------------
   LOCATION L0001396     VOLUME   624527.547 4266131.994 6.10
   LOCATION L0001397     VOLUME   624527.560 4266125.898 6.10
   LOCATION L0001398     VOLUME   624527.574 4266119.802 6.10
   LOCATION L0001399     VOLUME   624527.587 4266113.706 6.10
   LOCATION L0001400     VOLUME   624527.601 4266107.610 6.10
   LOCATION L0001401     VOLUME   624527.614 4266101.514 6.10
   LOCATION L0001402     VOLUME   624527.627 4266095.418 6.10
   LOCATION L0001403     VOLUME   624527.641 4266089.322 6.10
   LOCATION L0001404     VOLUME   624527.654 4266083.226 6.10
   LOCATION L0001405     VOLUME   624527.667 4266077.130 6.10
   LOCATION L0001406     VOLUME   624527.681 4266071.034 6.10
   LOCATION L0001407     VOLUME   624527.694 4266064.938 6.10
   LOCATION L0001408     VOLUME   624527.708 4266058.842 6.10
   LOCATION L0001409     VOLUME   624527.721 4266052.746 6.10
   LOCATION L0001410     VOLUME   624527.734 4266046.650 6.10
   LOCATION L0001411     VOLUME   624527.748 4266040.554 6.10
   LOCATION L0001412     VOLUME   624527.761 4266034.458 6.10
   LOCATION L0001413     VOLUME   624527.774 4266028.362 6.10
   LOCATION L0001414     VOLUME   624527.788 4266022.266 6.10
   LOCATION L0001415     VOLUME   624527.801 4266016.170 6.10
   LOCATION L0001416     VOLUME   624527.814 4266010.074 6.10
   LOCATION L0001417     VOLUME   624527.828 4266003.978 6.10
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   LOCATION L0001418     VOLUME   624527.841 4265997.882 6.10
   LOCATION L0001419     VOLUME   624527.855 4265991.786 6.10
   LOCATION L0001420     VOLUME   624527.868 4265985.690 6.10
   LOCATION L0001421     VOLUME   624527.881 4265979.594 6.10
   LOCATION L0001422     VOLUME   624527.895 4265973.498 6.10
   LOCATION L0001423     VOLUME   624527.908 4265967.402 6.10
   LOCATION L0001424     VOLUME   624527.921 4265961.306 6.10
   LOCATION L0001425     VOLUME   624527.935 4265955.210 6.10
   LOCATION L0001426     VOLUME   624527.948 4265949.114 6.10
   LOCATION L0001427     VOLUME   624527.962 4265943.018 6.10
   LOCATION L0001428     VOLUME   624527.975 4265936.922 6.10
   LOCATION L0001429     VOLUME   624527.988 4265930.826 6.10
   LOCATION L0001430     VOLUME   624528.002 4265924.730 6.10
   LOCATION L0001431     VOLUME   624528.015 4265918.634 6.10
   LOCATION L0001432     VOLUME   624528.028 4265912.538 6.10
   LOCATION L0001433     VOLUME   624528.042 4265906.442 6.10
   LOCATION L0001434     VOLUME   624528.055 4265900.346 6.10
   LOCATION L0001435     VOLUME   624528.068 4265894.250 6.10
   LOCATION L0001436     VOLUME   624528.082 4265888.154 6.10
   LOCATION L0001437     VOLUME   624528.095 4265882.058 6.10
   LOCATION L0001438     VOLUME   624528.109 4265875.962 6.10
   LOCATION L0001439     VOLUME   624528.122 4265869.866 6.10
   LOCATION L0001440     VOLUME   624528.135 4265863.771 6.10
   LOCATION L0001441     VOLUME   624528.149 4265857.675 6.10
   LOCATION L0001442     VOLUME   624528.162 4265851.579 6.10
   LOCATION L0001443     VOLUME   624528.175 4265845.483 6.10
   LOCATION L0001444     VOLUME   624528.189 4265839.387 6.10
   LOCATION L0001445     VOLUME   624528.202 4265833.291 6.10
   LOCATION L0001446     VOLUME   624528.216 4265827.195 6.10
   LOCATION L0001447     VOLUME   624528.229 4265821.099 6.10
   LOCATION L0001448     VOLUME   624528.242 4265815.003 6.10
   LOCATION L0001449     VOLUME   624528.256 4265808.907 6.10
   LOCATION L0001450     VOLUME   624528.269 4265802.811 6.08
   LOCATION L0001451     VOLUME   624528.282 4265796.715 6.03
   LOCATION L0001452     VOLUME   624528.296 4265790.619 5.98
   LOCATION L0001453     VOLUME   624528.309 4265784.523 5.93
   LOCATION L0001454     VOLUME   624528.322 4265778.427 5.88
   LOCATION L0001455     VOLUME   624528.336 4265772.331 5.85
   LOCATION L0001456     VOLUME   624528.349 4265766.235 5.85
   LOCATION L0001457     VOLUME   624528.363 4265760.139 5.85
   LOCATION L0001458     VOLUME   624528.376 4265754.043 5.85
   LOCATION L0001459     VOLUME   624528.389 4265747.947 5.85
   LOCATION L0001460     VOLUME   624528.403 4265741.851 5.84
   LOCATION L0001461     VOLUME   624528.416 4265735.755 5.83
   LOCATION L0001462     VOLUME   624528.429 4265729.659 5.82
   LOCATION L0001463     VOLUME   624528.443 4265723.563 5.81
   LOCATION L0001464     VOLUME   624528.456 4265717.467 5.80
   LOCATION L0001465     VOLUME   624528.470 4265711.371 5.79
   LOCATION L0001466     VOLUME   624528.483 4265705.275 5.79
   LOCATION L0001467     VOLUME   624528.496 4265699.179 5.79
   LOCATION L0001468     VOLUME   624528.510 4265693.083 5.79
   LOCATION L0001469     VOLUME   624528.523 4265686.987 5.79
** End of LINE VOLUME Source ID = GRD3
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = GRD4
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
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** SZINIT = 0.47
** Nodes = 2
** 624588.370, 4266134.499, 6.10, 0.00, 2.84
** 624589.351, 4265686.151, 5.79, 0.00, 2.84
** ----------------------------------------------------------------------
   LOCATION L0001470     VOLUME   624588.373 4266132.975 6.10
   LOCATION L0001471     VOLUME   624588.387 4266126.879 6.10
   LOCATION L0001472     VOLUME   624588.400 4266120.783 6.10
   LOCATION L0001473     VOLUME   624588.413 4266114.687 6.10
   LOCATION L0001474     VOLUME   624588.427 4266108.591 6.10
   LOCATION L0001475     VOLUME   624588.440 4266102.495 6.10
   LOCATION L0001476     VOLUME   624588.453 4266096.399 6.10
   LOCATION L0001477     VOLUME   624588.467 4266090.303 6.10
   LOCATION L0001478     VOLUME   624588.480 4266084.207 6.10
   LOCATION L0001479     VOLUME   624588.493 4266078.111 6.10
   LOCATION L0001480     VOLUME   624588.507 4266072.015 6.10
   LOCATION L0001481     VOLUME   624588.520 4266065.919 6.10
   LOCATION L0001482     VOLUME   624588.533 4266059.823 6.10
   LOCATION L0001483     VOLUME   624588.547 4266053.727 6.10
   LOCATION L0001484     VOLUME   624588.560 4266047.631 6.10
   LOCATION L0001485     VOLUME   624588.573 4266041.535 6.10
   LOCATION L0001486     VOLUME   624588.587 4266035.439 6.10
   LOCATION L0001487     VOLUME   624588.600 4266029.343 6.10
   LOCATION L0001488     VOLUME   624588.613 4266023.247 6.10
   LOCATION L0001489     VOLUME   624588.627 4266017.151 6.10
   LOCATION L0001490     VOLUME   624588.640 4266011.055 6.10
   LOCATION L0001491     VOLUME   624588.653 4266004.959 6.10
   LOCATION L0001492     VOLUME   624588.667 4265998.863 6.10
   LOCATION L0001493     VOLUME   624588.680 4265992.767 6.10
   LOCATION L0001494     VOLUME   624588.693 4265986.671 6.10
   LOCATION L0001495     VOLUME   624588.707 4265980.575 6.10
   LOCATION L0001496     VOLUME   624588.720 4265974.479 6.10
   LOCATION L0001497     VOLUME   624588.733 4265968.383 6.10
   LOCATION L0001498     VOLUME   624588.747 4265962.287 6.10
   LOCATION L0001499     VOLUME   624588.760 4265956.191 6.10
   LOCATION L0001500     VOLUME   624588.773 4265950.095 6.10
   LOCATION L0001501     VOLUME   624588.787 4265943.999 6.10
   LOCATION L0001502     VOLUME   624588.800 4265937.903 6.10
   LOCATION L0001503     VOLUME   624588.813 4265931.807 6.10
   LOCATION L0001504     VOLUME   624588.827 4265925.711 6.10
   LOCATION L0001505     VOLUME   624588.840 4265919.615 6.05
   LOCATION L0001506     VOLUME   624588.853 4265913.519 6.00
   LOCATION L0001507     VOLUME   624588.867 4265907.423 5.95
   LOCATION L0001508     VOLUME   624588.880 4265901.327 5.90
   LOCATION L0001509     VOLUME   624588.894 4265895.232 5.84
   LOCATION L0001510     VOLUME   624588.907 4265889.136 5.83
   LOCATION L0001511     VOLUME   624588.920 4265883.040 5.82
   LOCATION L0001512     VOLUME   624588.934 4265876.944 5.81
   LOCATION L0001513     VOLUME   624588.947 4265870.848 5.80
   LOCATION L0001514     VOLUME   624588.960 4265864.752 5.79
   LOCATION L0001515     VOLUME   624588.974 4265858.656 5.79
   LOCATION L0001516     VOLUME   624588.987 4265852.560 5.79
   LOCATION L0001517     VOLUME   624589.000 4265846.464 5.79
   LOCATION L0001518     VOLUME   624589.014 4265840.368 5.79
   LOCATION L0001519     VOLUME   624589.027 4265834.272 5.79
   LOCATION L0001520     VOLUME   624589.040 4265828.176 5.79
   LOCATION L0001521     VOLUME   624589.054 4265822.080 5.79
   LOCATION L0001522     VOLUME   624589.067 4265815.984 5.79
   LOCATION L0001523     VOLUME   624589.080 4265809.888 5.79
   LOCATION L0001524     VOLUME   624589.094 4265803.792 5.79
   LOCATION L0001525     VOLUME   624589.107 4265797.696 5.79
   LOCATION L0001526     VOLUME   624589.120 4265791.600 5.79
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   LOCATION L0001527     VOLUME   624589.134 4265785.504 5.79
   LOCATION L0001528     VOLUME   624589.147 4265779.408 5.79
   LOCATION L0001529     VOLUME   624589.160 4265773.312 5.79
   LOCATION L0001530     VOLUME   624589.174 4265767.216 5.79
   LOCATION L0001531     VOLUME   624589.187 4265761.120 5.79
   LOCATION L0001532     VOLUME   624589.200 4265755.024 5.79
   LOCATION L0001533     VOLUME   624589.214 4265748.928 5.79
   LOCATION L0001534     VOLUME   624589.227 4265742.832 5.79
   LOCATION L0001535     VOLUME   624589.240 4265736.736 5.79
   LOCATION L0001536     VOLUME   624589.254 4265730.640 5.79
   LOCATION L0001537     VOLUME   624589.267 4265724.544 5.79
   LOCATION L0001538     VOLUME   624589.280 4265718.448 5.79
   LOCATION L0001539     VOLUME   624589.294 4265712.352 5.79
   LOCATION L0001540     VOLUME   624589.307 4265706.256 5.79
   LOCATION L0001541     VOLUME   624589.320 4265700.160 5.79
   LOCATION L0001542     VOLUME   624589.334 4265694.064 5.79
   LOCATION L0001543     VOLUME   624589.347 4265687.968 5.79
** End of LINE VOLUME Source ID = GRD4
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = GRD5
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
** SZINIT = 0.47
** Nodes = 2
** 624651.158, 4266136.041, 6.10, 0.00, 2.84
** 624653.120, 4265690.075, 5.79, 0.00, 2.84
** ----------------------------------------------------------------------
   LOCATION L0001544     VOLUME   624651.165 4266134.517 6.10
   LOCATION L0001545     VOLUME   624651.192 4266128.421 6.10
   LOCATION L0001546     VOLUME   624651.219 4266122.325 6.10
   LOCATION L0001547     VOLUME   624651.245 4266116.229 6.10
   LOCATION L0001548     VOLUME   624651.272 4266110.133 6.10
   LOCATION L0001549     VOLUME   624651.299 4266104.037 6.10
   LOCATION L0001550     VOLUME   624651.326 4266097.941 6.10
   LOCATION L0001551     VOLUME   624651.353 4266091.845 6.10
   LOCATION L0001552     VOLUME   624651.380 4266085.749 6.10
   LOCATION L0001553     VOLUME   624651.406 4266079.653 6.10
   LOCATION L0001554     VOLUME   624651.433 4266073.557 6.10
   LOCATION L0001555     VOLUME   624651.460 4266067.461 6.10
   LOCATION L0001556     VOLUME   624651.487 4266061.365 6.10
   LOCATION L0001557     VOLUME   624651.514 4266055.270 6.10
   LOCATION L0001558     VOLUME   624651.540 4266049.174 6.10
   LOCATION L0001559     VOLUME   624651.567 4266043.078 6.10
   LOCATION L0001560     VOLUME   624651.594 4266036.982 6.10
   LOCATION L0001561     VOLUME   624651.621 4266030.886 6.10
   LOCATION L0001562     VOLUME   624651.648 4266024.790 6.10
   LOCATION L0001563     VOLUME   624651.675 4266018.694 6.10
   LOCATION L0001564     VOLUME   624651.701 4266012.598 6.10
   LOCATION L0001565     VOLUME   624651.728 4266006.502 6.10
   LOCATION L0001566     VOLUME   624651.755 4266000.406 6.10
   LOCATION L0001567     VOLUME   624651.782 4265994.310 6.10
   LOCATION L0001568     VOLUME   624651.809 4265988.214 6.10
   LOCATION L0001569     VOLUME   624651.835 4265982.118 6.10
   LOCATION L0001570     VOLUME   624651.862 4265976.022 6.10
   LOCATION L0001571     VOLUME   624651.889 4265969.926 6.10
   LOCATION L0001572     VOLUME   624651.916 4265963.830 6.10
   LOCATION L0001573     VOLUME   624651.943 4265957.734 6.10
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   LOCATION L0001574     VOLUME   624651.970 4265951.639 6.06
   LOCATION L0001575     VOLUME   624651.996 4265945.543 6.00
   LOCATION L0001576     VOLUME   624652.023 4265939.447 5.94
   LOCATION L0001577     VOLUME   624652.050 4265933.351 5.88
   LOCATION L0001578     VOLUME   624652.077 4265927.255 5.81
   LOCATION L0001579     VOLUME   624652.104 4265921.159 5.79
   LOCATION L0001580     VOLUME   624652.130 4265915.063 5.79
   LOCATION L0001581     VOLUME   624652.157 4265908.967 5.79
   LOCATION L0001582     VOLUME   624652.184 4265902.871 5.79
   LOCATION L0001583     VOLUME   624652.211 4265896.775 5.79
   LOCATION L0001584     VOLUME   624652.238 4265890.679 5.79
   LOCATION L0001585     VOLUME   624652.265 4265884.583 5.79
   LOCATION L0001586     VOLUME   624652.291 4265878.487 5.79
   LOCATION L0001587     VOLUME   624652.318 4265872.391 5.79
   LOCATION L0001588     VOLUME   624652.345 4265866.295 5.79
   LOCATION L0001589     VOLUME   624652.372 4265860.199 5.79
   LOCATION L0001590     VOLUME   624652.399 4265854.103 5.79
   LOCATION L0001591     VOLUME   624652.426 4265848.008 5.79
   LOCATION L0001592     VOLUME   624652.452 4265841.912 5.79
   LOCATION L0001593     VOLUME   624652.479 4265835.816 5.79
   LOCATION L0001594     VOLUME   624652.506 4265829.720 5.79
   LOCATION L0001595     VOLUME   624652.533 4265823.624 5.79
   LOCATION L0001596     VOLUME   624652.560 4265817.528 5.79
   LOCATION L0001597     VOLUME   624652.586 4265811.432 5.79
   LOCATION L0001598     VOLUME   624652.613 4265805.336 5.79
   LOCATION L0001599     VOLUME   624652.640 4265799.240 5.79
   LOCATION L0001600     VOLUME   624652.667 4265793.144 5.79
   LOCATION L0001601     VOLUME   624652.694 4265787.048 5.79
   LOCATION L0001602     VOLUME   624652.721 4265780.952 5.79
   LOCATION L0001603     VOLUME   624652.747 4265774.856 5.79
   LOCATION L0001604     VOLUME   624652.774 4265768.760 5.79
   LOCATION L0001605     VOLUME   624652.801 4265762.664 5.79
   LOCATION L0001606     VOLUME   624652.828 4265756.568 5.79
   LOCATION L0001607     VOLUME   624652.855 4265750.472 5.79
   LOCATION L0001608     VOLUME   624652.881 4265744.377 5.79
   LOCATION L0001609     VOLUME   624652.908 4265738.281 5.79
   LOCATION L0001610     VOLUME   624652.935 4265732.185 5.79
   LOCATION L0001611     VOLUME   624652.962 4265726.089 5.79
   LOCATION L0001612     VOLUME   624652.989 4265719.993 5.79
   LOCATION L0001613     VOLUME   624653.016 4265713.897 5.79
   LOCATION L0001614     VOLUME   624653.042 4265707.801 5.79
   LOCATION L0001615     VOLUME   624653.069 4265701.705 5.79
   LOCATION L0001616     VOLUME   624653.096 4265695.609 5.79
** End of LINE VOLUME Source ID = GRD5
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = GRD6
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
** SZINIT = 0.47
** Nodes = 2
** 624724.738, 4266139.404, 6.10, 0.00, 2.84
** 624725.719, 4265688.113, 5.79, 0.00, 2.84
** ----------------------------------------------------------------------
   LOCATION L0001617     VOLUME   624724.742 4266137.880 6.10
   LOCATION L0001618     VOLUME   624724.755 4266131.784 6.10
   LOCATION L0001619     VOLUME   624724.768 4266125.688 6.10
   LOCATION L0001620     VOLUME   624724.781 4266119.592 6.10
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LOCATION L0001621 VOLUME 624724.795 4266113.496 6.10
LOCATION L0001622 VOLUME 624724.808 4266107.400 6.10
LOCATION L0001623 VOLUME 624724.821 4266101.304 6.10
LOCATION L0001624 VOLUME 624724.834 4266095.208 6.10
LOCATION L0001625 VOLUME 624724.848 4266089.112 6.10
LOCATION L0001626 VOLUME 624724.861 4266083.016 6.10
LOCATION L0001627 VOLUME 624724.874 4266076.920 6.10
LOCATION L0001628 VOLUME 624724.887 4266070.824 6.10
LOCATION L0001629 VOLUME 624724.901 4266064.728 6.10
LOCATION L0001630 VOLUME 624724.914 4266058.632 6.10
LOCATION L0001631 VOLUME 624724.927 4266052.536 6.10
LOCATION L0001632 VOLUME 624724.940 4266046.440 6.10
LOCATION L0001633 VOLUME 624724.954 4266040.345 6.10
LOCATION L0001634 VOLUME 624724.967 4266034.249 6.10
LOCATION L0001635 VOLUME 624724.980 4266028.153 6.10
LOCATION L0001636 VOLUME 624724.993 4266022.057 6.10
LOCATION L0001637 VOLUME 624725.007 4266015.961 6.10
LOCATION L0001638 VOLUME 624725.020 4266009.865 6.10
LOCATION L0001639 VOLUME 624725.033 4266003.769 6.10
LOCATION L0001640 VOLUME 624725.046 4265997.673 6.10
LOCATION L0001641 VOLUME 624725.060 4265991.577 6.10
LOCATION L0001642 VOLUME 624725.073 4265985.481 6.10
LOCATION L0001643 VOLUME 624725.086 4265979.385 6.04
LOCATION L0001644 VOLUME 624725.099 4265973.289 5.98
LOCATION L0001645 VOLUME 624725.113 4265967.193 5.91
LOCATION L0001646 VOLUME 624725.126 4265961.097 5.85
LOCATION L0001647 VOLUME 624725.139 4265955.001 5.79
LOCATION L0001648 VOLUME 624725.152 4265948.905 5.79
LOCATION L0001649 VOLUME 624725.166 4265942.809 5.79
LOCATION L0001650 VOLUME 624725.179 4265936.713 5.79
LOCATION L0001651 VOLUME 624725.192 4265930.617 5.79
LOCATION L0001652 VOLUME 624725.205 4265924.521 5.79
LOCATION L0001653 VOLUME 624725.219 4265918.425 5.79
LOCATION L0001654 VOLUME 624725.232 4265912.329 5.79
LOCATION L0001655 VOLUME 624725.245 4265906.233 5.79
LOCATION L0001656 VOLUME 624725.258 4265900.137 5.79
LOCATION L0001657 VOLUME 624725.272 4265894.041 5.79
LOCATION L0001658 VOLUME 624725.285 4265887.945 5.79
LOCATION L0001659 VOLUME 624725.298 4265881.849 5.79
LOCATION L0001660 VOLUME 624725.311 4265875.753 5.79
LOCATION L0001661 VOLUME 624725.325 4265869.657 5.79
LOCATION L0001662 VOLUME 624725.338 4265863.561 5.79
LOCATION L0001663 VOLUME 624725.351 4265857.465 5.79
LOCATION L0001664 VOLUME 624725.364 4265851.369 5.79
LOCATION L0001665 VOLUME 624725.378 4265845.273 5.79
LOCATION L0001666 VOLUME 624725.391 4265839.177 5.79
LOCATION L0001667 VOLUME 624725.404 4265833.081 5.79
LOCATION L0001668 VOLUME 624725.417 4265826.985 5.79
LOCATION L0001669 VOLUME 624725.431 4265820.889 5.79
LOCATION L0001670 VOLUME 624725.444 4265814.793 5.79
LOCATION L0001671 VOLUME 624725.457 4265808.697 5.79
LOCATION L0001672 VOLUME 624725.470 4265802.601 5.79
LOCATION L0001673 VOLUME 624725.484 4265796.505 5.79
LOCATION L0001674 VOLUME 624725.497 4265790.409 5.79
LOCATION L0001675 VOLUME 624725.510 4265784.313 5.79
LOCATION L0001676 VOLUME 624725.523 4265778.217 5.79
LOCATION L0001677 VOLUME 624725.537 4265772.121 5.79
LOCATION L0001678 VOLUME 624725.550 4265766.025 5.79
LOCATION L0001679 VOLUME 624725.563 4265759.929 5.79
LOCATION L0001680 VOLUME 624725.576 4265753.833 5.79
LOCATION L0001681 VOLUME 624725.590 4265747.737 5.79
LOCATION L0001682 VOLUME 624725.603 4265741.641 5.79

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   LOCATION L0001683     VOLUME   624725.616 4265735.545 5.79
   LOCATION L0001684     VOLUME   624725.629 4265729.449 5.79
   LOCATION L0001685     VOLUME   624725.643 4265723.353 5.79
   LOCATION L0001686     VOLUME   624725.656 4265717.257 5.79
   LOCATION L0001687     VOLUME   624725.669 4265711.161 5.79
   LOCATION L0001688     VOLUME   624725.683 4265705.065 5.79
   LOCATION L0001689     VOLUME   624725.696 4265698.969 5.79
   LOCATION L0001690     VOLUME   624725.709 4265692.873 5.79
** End of LINE VOLUME Source ID = GRD6
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = GRD7
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
** SZINIT = 0.47
** Nodes = 2
** 624785.564, 4266141.366, 6.10, 0.00, 2.84
** 624788.508, 4265692.038, 5.66, 0.00, 2.84
** ----------------------------------------------------------------------
   LOCATION L0001691     VOLUME   624785.574 4266139.842 6.10
   LOCATION L0001692     VOLUME   624785.614 4266133.747 6.10
   LOCATION L0001693     VOLUME   624785.654 4266127.651 6.10
   LOCATION L0001694     VOLUME   624785.694 4266121.555 6.10
   LOCATION L0001695     VOLUME   624785.734 4266115.459 6.10
   LOCATION L0001696     VOLUME   624785.774 4266109.363 6.10
   LOCATION L0001697     VOLUME   624785.814 4266103.267 6.10
   LOCATION L0001698     VOLUME   624785.854 4266097.171 6.10
   LOCATION L0001699     VOLUME   624785.894 4266091.075 6.10
   LOCATION L0001700     VOLUME   624785.934 4266084.980 6.10
   LOCATION L0001701     VOLUME   624785.974 4266078.884 6.10
   LOCATION L0001702     VOLUME   624786.014 4266072.788 6.10
   LOCATION L0001703     VOLUME   624786.054 4266066.692 6.10
   LOCATION L0001704     VOLUME   624786.094 4266060.596 6.10
   LOCATION L0001705     VOLUME   624786.133 4266054.500 6.10
   LOCATION L0001706     VOLUME   624786.173 4266048.404 6.10
   LOCATION L0001707     VOLUME   624786.213 4266042.309 6.10
   LOCATION L0001708     VOLUME   624786.253 4266036.213 6.10
   LOCATION L0001709     VOLUME   624786.293 4266030.117 6.10
   LOCATION L0001710     VOLUME   624786.333 4266024.021 6.10
   LOCATION L0001711     VOLUME   624786.373 4266017.925 6.10
   LOCATION L0001712     VOLUME   624786.413 4266011.829 6.06
   LOCATION L0001713     VOLUME   624786.453 4266005.733 6.00
   LOCATION L0001714     VOLUME   624786.493 4265999.637 5.94
   LOCATION L0001715     VOLUME   624786.533 4265993.542 5.88
   LOCATION L0001716     VOLUME   624786.573 4265987.446 5.82
   LOCATION L0001717     VOLUME   624786.613 4265981.350 5.79
   LOCATION L0001718     VOLUME   624786.653 4265975.254 5.79
   LOCATION L0001719     VOLUME   624786.692 4265969.158 5.79
   LOCATION L0001720     VOLUME   624786.732 4265963.062 5.79
   LOCATION L0001721     VOLUME   624786.772 4265956.966 5.79
   LOCATION L0001722     VOLUME   624786.812 4265950.870 5.79
   LOCATION L0001723     VOLUME   624786.852 4265944.775 5.79
   LOCATION L0001724     VOLUME   624786.892 4265938.679 5.79
   LOCATION L0001725     VOLUME   624786.932 4265932.583 5.79
   LOCATION L0001726     VOLUME   624786.972 4265926.487 5.79
   LOCATION L0001727     VOLUME   624787.012 4265920.391 5.79
   LOCATION L0001728     VOLUME   624787.052 4265914.295 5.79
   LOCATION L0001729     VOLUME   624787.092 4265908.199 5.79
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   LOCATION L0001730     VOLUME   624787.132 4265902.104 5.79
   LOCATION L0001731     VOLUME   624787.172 4265896.008 5.79
   LOCATION L0001732     VOLUME   624787.212 4265889.912 5.79
   LOCATION L0001733     VOLUME   624787.251 4265883.816 5.79
   LOCATION L0001734     VOLUME   624787.291 4265877.720 5.79
   LOCATION L0001735     VOLUME   624787.331 4265871.624 5.79
   LOCATION L0001736     VOLUME   624787.371 4265865.528 5.79
   LOCATION L0001737     VOLUME   624787.411 4265859.432 5.79
   LOCATION L0001738     VOLUME   624787.451 4265853.337 5.79
   LOCATION L0001739     VOLUME   624787.491 4265847.241 5.79
   LOCATION L0001740     VOLUME   624787.531 4265841.145 5.79
   LOCATION L0001741     VOLUME   624787.571 4265835.049 5.79
   LOCATION L0001742     VOLUME   624787.611 4265828.953 5.79
   LOCATION L0001743     VOLUME   624787.651 4265822.857 5.79
   LOCATION L0001744     VOLUME   624787.691 4265816.761 5.79
   LOCATION L0001745     VOLUME   624787.731 4265810.665 5.79
   LOCATION L0001746     VOLUME   624787.771 4265804.570 5.79
   LOCATION L0001747     VOLUME   624787.810 4265798.474 5.79
   LOCATION L0001748     VOLUME   624787.850 4265792.378 5.79
   LOCATION L0001749     VOLUME   624787.890 4265786.282 5.79
   LOCATION L0001750     VOLUME   624787.930 4265780.186 5.79
   LOCATION L0001751     VOLUME   624787.970 4265774.090 5.79
   LOCATION L0001752     VOLUME   624788.010 4265767.994 5.79
   LOCATION L0001753     VOLUME   624788.050 4265761.899 5.79
   LOCATION L0001754     VOLUME   624788.090 4265755.803 5.79
   LOCATION L0001755     VOLUME   624788.130 4265749.707 5.79
   LOCATION L0001756     VOLUME   624788.170 4265743.611 5.79
   LOCATION L0001757     VOLUME   624788.210 4265737.515 5.79
   LOCATION L0001758     VOLUME   624788.250 4265731.419 5.79
   LOCATION L0001759     VOLUME   624788.290 4265725.323 5.79
   LOCATION L0001760     VOLUME   624788.330 4265719.227 5.79
   LOCATION L0001761     VOLUME   624788.369 4265713.132 5.78
   LOCATION L0001762     VOLUME   624788.409 4265707.036 5.75
   LOCATION L0001763     VOLUME   624788.449 4265700.940 5.72
   LOCATION L0001764     VOLUME   624788.489 4265694.844 5.69
** End of LINE VOLUME Source ID = GRD7
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = EXH1
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
** SZINIT = 0.47
** Nodes = 2
** 624398.043, 4266126.650, 6.10, 5.00, 2.84
** 624403.929, 4265686.151, 6.10, 5.00, 2.84
** ----------------------------------------------------------------------
   LOCATION L0001765     VOLUME   624398.063 4266125.127 6.10
   LOCATION L0001766     VOLUME   624398.145 4266119.031 6.10
   LOCATION L0001767     VOLUME   624398.226 4266112.936 6.10
   LOCATION L0001768     VOLUME   624398.308 4266106.840 6.10
   LOCATION L0001769     VOLUME   624398.389 4266100.745 6.10
   LOCATION L0001770     VOLUME   624398.471 4266094.649 6.10
   LOCATION L0001771     VOLUME   624398.552 4266088.554 6.10
   LOCATION L0001772     VOLUME   624398.633 4266082.458 6.10
   LOCATION L0001773     VOLUME   624398.715 4266076.363 6.10
   LOCATION L0001774     VOLUME   624398.796 4266070.267 6.10
   LOCATION L0001775     VOLUME   624398.878 4266064.172 6.10
   LOCATION L0001776     VOLUME   624398.959 4266058.077 6.10
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   LOCATION L0001777     VOLUME   624399.041 4266051.981 6.10
   LOCATION L0001778     VOLUME   624399.122 4266045.886 6.10
   LOCATION L0001779     VOLUME   624399.204 4266039.790 6.10
   LOCATION L0001780     VOLUME   624399.285 4266033.695 6.10
   LOCATION L0001781     VOLUME   624399.367 4266027.599 6.10
   LOCATION L0001782     VOLUME   624399.448 4266021.504 6.10
   LOCATION L0001783     VOLUME   624399.529 4266015.408 6.10
   LOCATION L0001784     VOLUME   624399.611 4266009.313 6.10
   LOCATION L0001785     VOLUME   624399.692 4266003.217 6.10
   LOCATION L0001786     VOLUME   624399.774 4265997.122 6.10
   LOCATION L0001787     VOLUME   624399.855 4265991.027 6.10
   LOCATION L0001788     VOLUME   624399.937 4265984.931 6.10
   LOCATION L0001789     VOLUME   624400.018 4265978.836 6.10
   LOCATION L0001790     VOLUME   624400.100 4265972.740 6.10
   LOCATION L0001791     VOLUME   624400.181 4265966.645 6.10
   LOCATION L0001792     VOLUME   624400.263 4265960.549 6.10
   LOCATION L0001793     VOLUME   624400.344 4265954.454 6.10
   LOCATION L0001794     VOLUME   624400.425 4265948.358 6.10
   LOCATION L0001795     VOLUME   624400.507 4265942.263 6.10
   LOCATION L0001796     VOLUME   624400.588 4265936.167 6.10
   LOCATION L0001797     VOLUME   624400.670 4265930.072 6.10
   LOCATION L0001798     VOLUME   624400.751 4265923.976 6.10
   LOCATION L0001799     VOLUME   624400.833 4265917.881 6.10
   LOCATION L0001800     VOLUME   624400.914 4265911.786 6.10
   LOCATION L0001801     VOLUME   624400.996 4265905.690 6.10
   LOCATION L0001802     VOLUME   624401.077 4265899.595 6.10
   LOCATION L0001803     VOLUME   624401.159 4265893.499 6.10
   LOCATION L0001804     VOLUME   624401.240 4265887.404 6.10
   LOCATION L0001805     VOLUME   624401.321 4265881.308 6.10
   LOCATION L0001806     VOLUME   624401.403 4265875.213 6.10
   LOCATION L0001807     VOLUME   624401.484 4265869.117 6.10
   LOCATION L0001808     VOLUME   624401.566 4265863.022 6.10
   LOCATION L0001809     VOLUME   624401.647 4265856.926 6.10
   LOCATION L0001810     VOLUME   624401.729 4265850.831 6.10
   LOCATION L0001811     VOLUME   624401.810 4265844.736 6.10
   LOCATION L0001812     VOLUME   624401.892 4265838.640 6.10
   LOCATION L0001813     VOLUME   624401.973 4265832.545 6.10
   LOCATION L0001814     VOLUME   624402.055 4265826.449 6.10
   LOCATION L0001815     VOLUME   624402.136 4265820.354 6.10
   LOCATION L0001816     VOLUME   624402.217 4265814.258 6.10
   LOCATION L0001817     VOLUME   624402.299 4265808.163 6.10
   LOCATION L0001818     VOLUME   624402.380 4265802.067 6.10
   LOCATION L0001819     VOLUME   624402.462 4265795.972 6.10
   LOCATION L0001820     VOLUME   624402.543 4265789.876 6.10
   LOCATION L0001821     VOLUME   624402.625 4265783.781 6.10
   LOCATION L0001822     VOLUME   624402.706 4265777.686 6.10
   LOCATION L0001823     VOLUME   624402.788 4265771.590 6.10
   LOCATION L0001824     VOLUME   624402.869 4265765.495 6.10
   LOCATION L0001825     VOLUME   624402.950 4265759.399 6.10
   LOCATION L0001826     VOLUME   624403.032 4265753.304 6.10
   LOCATION L0001827     VOLUME   624403.113 4265747.208 6.10
   LOCATION L0001828     VOLUME   624403.195 4265741.113 6.10
   LOCATION L0001829     VOLUME   624403.276 4265735.017 6.10
   LOCATION L0001830     VOLUME   624403.358 4265728.922 6.10
   LOCATION L0001831     VOLUME   624403.439 4265722.826 6.10
   LOCATION L0001832     VOLUME   624403.521 4265716.731 6.10
   LOCATION L0001833     VOLUME   624403.602 4265710.636 6.10
   LOCATION L0001834     VOLUME   624403.684 4265704.540 6.10
   LOCATION L0001835     VOLUME   624403.765 4265698.445 6.10
   LOCATION L0001836     VOLUME   624403.846 4265692.349 6.10
   LOCATION L0001837     VOLUME   624403.928 4265686.254 6.10
** End of LINE VOLUME Source ID = EXH1
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** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = EXH2
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
** SZINIT = 0.47
** Nodes = 2
** 624461.812, 4266130.575, 6.10, 5.00, 2.84
** 624467.699, 4265684.189, 6.08, 5.00, 2.84
** ----------------------------------------------------------------------
   LOCATION L0001838     VOLUME   624461.832 4266129.051 6.10
   LOCATION L0001839     VOLUME   624461.913 4266122.955 6.10
   LOCATION L0001840     VOLUME   624461.993 4266116.860 6.10
   LOCATION L0001841     VOLUME   624462.074 4266110.764 6.10
   LOCATION L0001842     VOLUME   624462.154 4266104.669 6.10
   LOCATION L0001843     VOLUME   624462.234 4266098.573 6.10
   LOCATION L0001844     VOLUME   624462.315 4266092.478 6.10
   LOCATION L0001845     VOLUME   624462.395 4266086.383 6.10
   LOCATION L0001846     VOLUME   624462.475 4266080.287 6.10
   LOCATION L0001847     VOLUME   624462.556 4266074.192 6.10
   LOCATION L0001848     VOLUME   624462.636 4266068.096 6.10
   LOCATION L0001849     VOLUME   624462.717 4266062.001 6.10
   LOCATION L0001850     VOLUME   624462.797 4266055.905 6.10
   LOCATION L0001851     VOLUME   624462.877 4266049.810 6.10
   LOCATION L0001852     VOLUME   624462.958 4266043.714 6.10
   LOCATION L0001853     VOLUME   624463.038 4266037.619 6.10
   LOCATION L0001854     VOLUME   624463.118 4266031.523 6.10
   LOCATION L0001855     VOLUME   624463.199 4266025.428 6.10
   LOCATION L0001856     VOLUME   624463.279 4266019.332 6.10
   LOCATION L0001857     VOLUME   624463.360 4266013.237 6.10
   LOCATION L0001858     VOLUME   624463.440 4266007.141 6.10
   LOCATION L0001859     VOLUME   624463.520 4266001.046 6.10
   LOCATION L0001860     VOLUME   624463.601 4265994.950 6.10
   LOCATION L0001861     VOLUME   624463.681 4265988.855 6.10
   LOCATION L0001862     VOLUME   624463.761 4265982.760 6.10
   LOCATION L0001863     VOLUME   624463.842 4265976.664 6.10
   LOCATION L0001864     VOLUME   624463.922 4265970.569 6.10
   LOCATION L0001865     VOLUME   624464.003 4265964.473 6.10
   LOCATION L0001866     VOLUME   624464.083 4265958.378 6.10
   LOCATION L0001867     VOLUME   624464.163 4265952.282 6.10
   LOCATION L0001868     VOLUME   624464.244 4265946.187 6.10
   LOCATION L0001869     VOLUME   624464.324 4265940.091 6.10
   LOCATION L0001870     VOLUME   624464.405 4265933.996 6.10
   LOCATION L0001871     VOLUME   624464.485 4265927.900 6.10
   LOCATION L0001872     VOLUME   624464.565 4265921.805 6.10
   LOCATION L0001873     VOLUME   624464.646 4265915.709 6.10
   LOCATION L0001874     VOLUME   624464.726 4265909.614 6.10
   LOCATION L0001875     VOLUME   624464.806 4265903.518 6.10
   LOCATION L0001876     VOLUME   624464.887 4265897.423 6.10
   LOCATION L0001877     VOLUME   624464.967 4265891.327 6.10
   LOCATION L0001878     VOLUME   624465.048 4265885.232 6.10
   LOCATION L0001879     VOLUME   624465.128 4265879.137 6.10
   LOCATION L0001880     VOLUME   624465.208 4265873.041 6.10
   LOCATION L0001881     VOLUME   624465.289 4265866.946 6.10
   LOCATION L0001882     VOLUME   624465.369 4265860.850 6.10
   LOCATION L0001883     VOLUME   624465.449 4265854.755 6.10
   LOCATION L0001884     VOLUME   624465.530 4265848.659 6.10
   LOCATION L0001885     VOLUME   624465.610 4265842.564 6.10
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   LOCATION L0001886     VOLUME   624465.691 4265836.468 6.10
   LOCATION L0001887     VOLUME   624465.771 4265830.373 6.10
   LOCATION L0001888     VOLUME   624465.851 4265824.277 6.10
   LOCATION L0001889     VOLUME   624465.932 4265818.182 6.10
   LOCATION L0001890     VOLUME   624466.012 4265812.086 6.10
   LOCATION L0001891     VOLUME   624466.092 4265805.991 6.10
   LOCATION L0001892     VOLUME   624466.173 4265799.895 6.10
   LOCATION L0001893     VOLUME   624466.253 4265793.800 6.10
   LOCATION L0001894     VOLUME   624466.334 4265787.704 6.10
   LOCATION L0001895     VOLUME   624466.414 4265781.609 6.10
   LOCATION L0001896     VOLUME   624466.494 4265775.514 6.10
   LOCATION L0001897     VOLUME   624466.575 4265769.418 6.10
   LOCATION L0001898     VOLUME   624466.655 4265763.323 6.10
   LOCATION L0001899     VOLUME   624466.736 4265757.227 6.10
   LOCATION L0001900     VOLUME   624466.816 4265751.132 6.10
   LOCATION L0001901     VOLUME   624466.896 4265745.036 6.10
   LOCATION L0001902     VOLUME   624466.977 4265738.941 6.10
   LOCATION L0001903     VOLUME   624467.057 4265732.845 6.10
   LOCATION L0001904     VOLUME   624467.137 4265726.750 6.10
   LOCATION L0001905     VOLUME   624467.218 4265720.654 6.10
   LOCATION L0001906     VOLUME   624467.298 4265714.559 6.10
   LOCATION L0001907     VOLUME   624467.379 4265708.463 6.10
   LOCATION L0001908     VOLUME   624467.459 4265702.368 6.10
   LOCATION L0001909     VOLUME   624467.539 4265696.272 6.10
   LOCATION L0001910     VOLUME   624467.620 4265690.177 6.10
** End of LINE VOLUME Source ID = EXH2
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = EXH3
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
** SZINIT = 0.47
** Nodes = 2
** 624527.544, 4266133.518, 6.10, 5.00, 2.84
** 624528.525, 4265686.151, 5.79, 5.00, 2.84
** ----------------------------------------------------------------------
   LOCATION L0001911     VOLUME   624527.547 4266131.994 6.10
   LOCATION L0001912     VOLUME   624527.560 4266125.898 6.10
   LOCATION L0001913     VOLUME   624527.574 4266119.802 6.10
   LOCATION L0001914     VOLUME   624527.587 4266113.706 6.10
   LOCATION L0001915     VOLUME   624527.601 4266107.610 6.10
   LOCATION L0001916     VOLUME   624527.614 4266101.514 6.10
   LOCATION L0001917     VOLUME   624527.627 4266095.418 6.10
   LOCATION L0001918     VOLUME   624527.641 4266089.322 6.10
   LOCATION L0001919     VOLUME   624527.654 4266083.226 6.10
   LOCATION L0001920     VOLUME   624527.667 4266077.130 6.10
   LOCATION L0001921     VOLUME   624527.681 4266071.034 6.10
   LOCATION L0001922     VOLUME   624527.694 4266064.938 6.10
   LOCATION L0001923     VOLUME   624527.708 4266058.842 6.10
   LOCATION L0001924     VOLUME   624527.721 4266052.746 6.10
   LOCATION L0001925     VOLUME   624527.734 4266046.650 6.10
   LOCATION L0001926     VOLUME   624527.748 4266040.554 6.10
   LOCATION L0001927     VOLUME   624527.761 4266034.458 6.10
   LOCATION L0001928     VOLUME   624527.774 4266028.362 6.10
   LOCATION L0001929     VOLUME   624527.788 4266022.266 6.10
   LOCATION L0001930     VOLUME   624527.801 4266016.170 6.10
   LOCATION L0001931     VOLUME   624527.814 4266010.074 6.10
   LOCATION L0001932     VOLUME   624527.828 4266003.978 6.10
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   LOCATION L0001933     VOLUME   624527.841 4265997.882 6.10
   LOCATION L0001934     VOLUME   624527.855 4265991.786 6.10
   LOCATION L0001935     VOLUME   624527.868 4265985.690 6.10
   LOCATION L0001936     VOLUME   624527.881 4265979.594 6.10
   LOCATION L0001937     VOLUME   624527.895 4265973.498 6.10
   LOCATION L0001938     VOLUME   624527.908 4265967.402 6.10
   LOCATION L0001939     VOLUME   624527.921 4265961.306 6.10
   LOCATION L0001940     VOLUME   624527.935 4265955.210 6.10
   LOCATION L0001941     VOLUME   624527.948 4265949.114 6.10
   LOCATION L0001942     VOLUME   624527.962 4265943.018 6.10
   LOCATION L0001943     VOLUME   624527.975 4265936.922 6.10
   LOCATION L0001944     VOLUME   624527.988 4265930.826 6.10
   LOCATION L0001945     VOLUME   624528.002 4265924.730 6.10
   LOCATION L0001946     VOLUME   624528.015 4265918.634 6.10
   LOCATION L0001947     VOLUME   624528.028 4265912.538 6.10
   LOCATION L0001948     VOLUME   624528.042 4265906.442 6.10
   LOCATION L0001949     VOLUME   624528.055 4265900.346 6.10
   LOCATION L0001950     VOLUME   624528.068 4265894.250 6.10
   LOCATION L0001951     VOLUME   624528.082 4265888.154 6.10
   LOCATION L0001952     VOLUME   624528.095 4265882.058 6.10
   LOCATION L0001953     VOLUME   624528.109 4265875.962 6.10
   LOCATION L0001954     VOLUME   624528.122 4265869.866 6.10
   LOCATION L0001955     VOLUME   624528.135 4265863.771 6.10
   LOCATION L0001956     VOLUME   624528.149 4265857.675 6.10
   LOCATION L0001957     VOLUME   624528.162 4265851.579 6.10
   LOCATION L0001958     VOLUME   624528.175 4265845.483 6.10
   LOCATION L0001959     VOLUME   624528.189 4265839.387 6.10
   LOCATION L0001960     VOLUME   624528.202 4265833.291 6.10
   LOCATION L0001961     VOLUME   624528.216 4265827.195 6.10
   LOCATION L0001962     VOLUME   624528.229 4265821.099 6.10
   LOCATION L0001963     VOLUME   624528.242 4265815.003 6.10
   LOCATION L0001964     VOLUME   624528.256 4265808.907 6.10
   LOCATION L0001965     VOLUME   624528.269 4265802.811 6.08
   LOCATION L0001966     VOLUME   624528.282 4265796.715 6.03
   LOCATION L0001967     VOLUME   624528.296 4265790.619 5.98
   LOCATION L0001968     VOLUME   624528.309 4265784.523 5.93
   LOCATION L0001969     VOLUME   624528.322 4265778.427 5.88
   LOCATION L0001970     VOLUME   624528.336 4265772.331 5.85
   LOCATION L0001971     VOLUME   624528.349 4265766.235 5.85
   LOCATION L0001972     VOLUME   624528.363 4265760.139 5.85
   LOCATION L0001973     VOLUME   624528.376 4265754.043 5.85
   LOCATION L0001974     VOLUME   624528.389 4265747.947 5.85
   LOCATION L0001975     VOLUME   624528.403 4265741.851 5.84
   LOCATION L0001976     VOLUME   624528.416 4265735.755 5.83
   LOCATION L0001977     VOLUME   624528.429 4265729.659 5.82
   LOCATION L0001978     VOLUME   624528.443 4265723.563 5.81
   LOCATION L0001979     VOLUME   624528.456 4265717.467 5.80
   LOCATION L0001980     VOLUME   624528.470 4265711.371 5.79
   LOCATION L0001981     VOLUME   624528.483 4265705.275 5.79
   LOCATION L0001982     VOLUME   624528.496 4265699.179 5.79
   LOCATION L0001983     VOLUME   624528.510 4265693.083 5.79
   LOCATION L0001984     VOLUME   624528.523 4265686.987 5.79
** End of LINE VOLUME Source ID = EXH3
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = EXH4
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
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** SZINIT = 0.47
** Nodes = 2
** 624588.370, 4266134.499, 6.10, 5.00, 2.84
** 624589.351, 4265686.151, 5.79, 5.00, 2.84
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   LOCATION L0001985     VOLUME   624588.373 4266132.975 6.10
   LOCATION L0001986     VOLUME   624588.387 4266126.879 6.10
   LOCATION L0001987     VOLUME   624588.400 4266120.783 6.10
   LOCATION L0001988     VOLUME   624588.413 4266114.687 6.10
   LOCATION L0001989     VOLUME   624588.427 4266108.591 6.10
   LOCATION L0001990     VOLUME   624588.440 4266102.495 6.10
   LOCATION L0001991     VOLUME   624588.453 4266096.399 6.10
   LOCATION L0001992     VOLUME   624588.467 4266090.303 6.10
   LOCATION L0001993     VOLUME   624588.480 4266084.207 6.10
   LOCATION L0001994     VOLUME   624588.493 4266078.111 6.10
   LOCATION L0001995     VOLUME   624588.507 4266072.015 6.10
   LOCATION L0001996     VOLUME   624588.520 4266065.919 6.10
   LOCATION L0001997     VOLUME   624588.533 4266059.823 6.10
   LOCATION L0001998     VOLUME   624588.547 4266053.727 6.10
   LOCATION L0001999     VOLUME   624588.560 4266047.631 6.10
   LOCATION L0002000     VOLUME   624588.573 4266041.535 6.10
   LOCATION L0002001     VOLUME   624588.587 4266035.439 6.10
   LOCATION L0002002     VOLUME   624588.600 4266029.343 6.10
   LOCATION L0002003     VOLUME   624588.613 4266023.247 6.10
   LOCATION L0002004     VOLUME   624588.627 4266017.151 6.10
   LOCATION L0002005     VOLUME   624588.640 4266011.055 6.10
   LOCATION L0002006     VOLUME   624588.653 4266004.959 6.10
   LOCATION L0002007     VOLUME   624588.667 4265998.863 6.10
   LOCATION L0002008     VOLUME   624588.680 4265992.767 6.10
   LOCATION L0002009     VOLUME   624588.693 4265986.671 6.10
   LOCATION L0002010     VOLUME   624588.707 4265980.575 6.10
   LOCATION L0002011     VOLUME   624588.720 4265974.479 6.10
   LOCATION L0002012     VOLUME   624588.733 4265968.383 6.10
   LOCATION L0002013     VOLUME   624588.747 4265962.287 6.10
   LOCATION L0002014     VOLUME   624588.760 4265956.191 6.10
   LOCATION L0002015     VOLUME   624588.773 4265950.095 6.10
   LOCATION L0002016     VOLUME   624588.787 4265943.999 6.10
   LOCATION L0002017     VOLUME   624588.800 4265937.903 6.10
   LOCATION L0002018     VOLUME   624588.813 4265931.807 6.10
   LOCATION L0002019     VOLUME   624588.827 4265925.711 6.10
   LOCATION L0002020     VOLUME   624588.840 4265919.615 6.05
   LOCATION L0002021     VOLUME   624588.853 4265913.519 6.00
   LOCATION L0002022     VOLUME   624588.867 4265907.423 5.95
   LOCATION L0002023     VOLUME   624588.880 4265901.327 5.90
   LOCATION L0002024     VOLUME   624588.894 4265895.232 5.84
   LOCATION L0002025     VOLUME   624588.907 4265889.136 5.83
   LOCATION L0002026     VOLUME   624588.920 4265883.040 5.82
   LOCATION L0002027     VOLUME   624588.934 4265876.944 5.81
   LOCATION L0002028     VOLUME   624588.947 4265870.848 5.80
   LOCATION L0002029     VOLUME   624588.960 4265864.752 5.79
   LOCATION L0002030     VOLUME   624588.974 4265858.656 5.79
   LOCATION L0002031     VOLUME   624588.987 4265852.560 5.79
   LOCATION L0002032     VOLUME   624589.000 4265846.464 5.79
   LOCATION L0002033     VOLUME   624589.014 4265840.368 5.79
   LOCATION L0002034     VOLUME   624589.027 4265834.272 5.79
   LOCATION L0002035     VOLUME   624589.040 4265828.176 5.79
   LOCATION L0002036     VOLUME   624589.054 4265822.080 5.79
   LOCATION L0002037     VOLUME   624589.067 4265815.984 5.79
   LOCATION L0002038     VOLUME   624589.080 4265809.888 5.79
   LOCATION L0002039     VOLUME   624589.094 4265803.792 5.79
   LOCATION L0002040     VOLUME   624589.107 4265797.696 5.79
   LOCATION L0002041     VOLUME   624589.120 4265791.600 5.79
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   LOCATION L0002042     VOLUME   624589.134 4265785.504 5.79
   LOCATION L0002043     VOLUME   624589.147 4265779.408 5.79
   LOCATION L0002044     VOLUME   624589.160 4265773.312 5.79
   LOCATION L0002045     VOLUME   624589.174 4265767.216 5.79
   LOCATION L0002046     VOLUME   624589.187 4265761.120 5.79
   LOCATION L0002047     VOLUME   624589.200 4265755.024 5.79
   LOCATION L0002048     VOLUME   624589.214 4265748.928 5.79
   LOCATION L0002049     VOLUME   624589.227 4265742.832 5.79
   LOCATION L0002050     VOLUME   624589.240 4265736.736 5.79
   LOCATION L0002051     VOLUME   624589.254 4265730.640 5.79
   LOCATION L0002052     VOLUME   624589.267 4265724.544 5.79
   LOCATION L0002053     VOLUME   624589.280 4265718.448 5.79
   LOCATION L0002054     VOLUME   624589.294 4265712.352 5.79
   LOCATION L0002055     VOLUME   624589.307 4265706.256 5.79
   LOCATION L0002056     VOLUME   624589.320 4265700.160 5.79
   LOCATION L0002057     VOLUME   624589.334 4265694.064 5.79
   LOCATION L0002058     VOLUME   624589.347 4265687.968 5.79
** End of LINE VOLUME Source ID = EXH4
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = EXH5
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
** SZINIT = 0.47
** Nodes = 2
** 624651.158, 4266136.041, 6.10, 5.00, 2.84
** 624653.120, 4265690.075, 5.79, 5.00, 2.84
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   LOCATION L0002059     VOLUME   624651.165 4266134.517 6.10
   LOCATION L0002060     VOLUME   624651.192 4266128.421 6.10
   LOCATION L0002061     VOLUME   624651.219 4266122.325 6.10
   LOCATION L0002062     VOLUME   624651.245 4266116.229 6.10
   LOCATION L0002063     VOLUME   624651.272 4266110.133 6.10
   LOCATION L0002064     VOLUME   624651.299 4266104.037 6.10
   LOCATION L0002065     VOLUME   624651.326 4266097.941 6.10
   LOCATION L0002066     VOLUME   624651.353 4266091.845 6.10
   LOCATION L0002067     VOLUME   624651.380 4266085.749 6.10
   LOCATION L0002068     VOLUME   624651.406 4266079.653 6.10
   LOCATION L0002069     VOLUME   624651.433 4266073.557 6.10
   LOCATION L0002070     VOLUME   624651.460 4266067.461 6.10
   LOCATION L0002071     VOLUME   624651.487 4266061.365 6.10
   LOCATION L0002072     VOLUME   624651.514 4266055.270 6.10
   LOCATION L0002073     VOLUME   624651.540 4266049.174 6.10
   LOCATION L0002074     VOLUME   624651.567 4266043.078 6.10
   LOCATION L0002075     VOLUME   624651.594 4266036.982 6.10
   LOCATION L0002076     VOLUME   624651.621 4266030.886 6.10
   LOCATION L0002077     VOLUME   624651.648 4266024.790 6.10
   LOCATION L0002078     VOLUME   624651.675 4266018.694 6.10
   LOCATION L0002079     VOLUME   624651.701 4266012.598 6.10
   LOCATION L0002080     VOLUME   624651.728 4266006.502 6.10
   LOCATION L0002081     VOLUME   624651.755 4266000.406 6.10
   LOCATION L0002082     VOLUME   624651.782 4265994.310 6.10
   LOCATION L0002083     VOLUME   624651.809 4265988.214 6.10
   LOCATION L0002084     VOLUME   624651.835 4265982.118 6.10
   LOCATION L0002085     VOLUME   624651.862 4265976.022 6.10
   LOCATION L0002086     VOLUME   624651.889 4265969.926 6.10
   LOCATION L0002087     VOLUME   624651.916 4265963.830 6.10
   LOCATION L0002088     VOLUME   624651.943 4265957.734 6.10
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   LOCATION L0002089     VOLUME   624651.970 4265951.639 6.06
   LOCATION L0002090     VOLUME   624651.996 4265945.543 6.00
   LOCATION L0002091     VOLUME   624652.023 4265939.447 5.94
   LOCATION L0002092     VOLUME   624652.050 4265933.351 5.88
   LOCATION L0002093     VOLUME   624652.077 4265927.255 5.81
   LOCATION L0002094     VOLUME   624652.104 4265921.159 5.79
   LOCATION L0002095     VOLUME   624652.130 4265915.063 5.79
   LOCATION L0002096     VOLUME   624652.157 4265908.967 5.79
   LOCATION L0002097     VOLUME   624652.184 4265902.871 5.79
   LOCATION L0002098     VOLUME   624652.211 4265896.775 5.79
   LOCATION L0002099     VOLUME   624652.238 4265890.679 5.79
   LOCATION L0002100     VOLUME   624652.265 4265884.583 5.79
   LOCATION L0002101     VOLUME   624652.291 4265878.487 5.79
   LOCATION L0002102     VOLUME   624652.318 4265872.391 5.79
   LOCATION L0002103     VOLUME   624652.345 4265866.295 5.79
   LOCATION L0002104     VOLUME   624652.372 4265860.199 5.79
   LOCATION L0002105     VOLUME   624652.399 4265854.103 5.79
   LOCATION L0002106     VOLUME   624652.426 4265848.008 5.79
   LOCATION L0002107     VOLUME   624652.452 4265841.912 5.79
   LOCATION L0002108     VOLUME   624652.479 4265835.816 5.79
   LOCATION L0002109     VOLUME   624652.506 4265829.720 5.79
   LOCATION L0002110     VOLUME   624652.533 4265823.624 5.79
   LOCATION L0002111     VOLUME   624652.560 4265817.528 5.79
   LOCATION L0002112     VOLUME   624652.586 4265811.432 5.79
   LOCATION L0002113     VOLUME   624652.613 4265805.336 5.79
   LOCATION L0002114     VOLUME   624652.640 4265799.240 5.79
   LOCATION L0002115     VOLUME   624652.667 4265793.144 5.79
   LOCATION L0002116     VOLUME   624652.694 4265787.048 5.79
   LOCATION L0002117     VOLUME   624652.721 4265780.952 5.79
   LOCATION L0002118     VOLUME   624652.747 4265774.856 5.79
   LOCATION L0002119     VOLUME   624652.774 4265768.760 5.79
   LOCATION L0002120     VOLUME   624652.801 4265762.664 5.79
   LOCATION L0002121     VOLUME   624652.828 4265756.568 5.79
   LOCATION L0002122     VOLUME   624652.855 4265750.472 5.79
   LOCATION L0002123     VOLUME   624652.881 4265744.377 5.79
   LOCATION L0002124     VOLUME   624652.908 4265738.281 5.79
   LOCATION L0002125     VOLUME   624652.935 4265732.185 5.79
   LOCATION L0002126     VOLUME   624652.962 4265726.089 5.79
   LOCATION L0002127     VOLUME   624652.989 4265719.993 5.79
   LOCATION L0002128     VOLUME   624653.016 4265713.897 5.79
   LOCATION L0002129     VOLUME   624653.042 4265707.801 5.79
   LOCATION L0002130     VOLUME   624653.069 4265701.705 5.79
   LOCATION L0002131     VOLUME   624653.096 4265695.609 5.79
** End of LINE VOLUME Source ID = EXH5
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = EXH6
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
** SZINIT = 0.47
** Nodes = 2
** 624724.738, 4266139.404, 6.10, 5.00, 2.84
** 624725.719, 4265688.113, 5.79, 5.00, 2.84
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   LOCATION L0002132     VOLUME   624724.742 4266137.880 6.10
   LOCATION L0002133     VOLUME   624724.755 4266131.784 6.10
   LOCATION L0002134     VOLUME   624724.768 4266125.688 6.10
   LOCATION L0002135     VOLUME   624724.781 4266119.592 6.10
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LOCATION L0002136     VOLUME   624724.795 4266113.496 6.10
LOCATION L0002137     VOLUME   624724.808 4266107.400 6.10
LOCATION L0002138     VOLUME   624724.821 4266101.304 6.10
LOCATION L0002139     VOLUME   624724.834 4266095.208 6.10
LOCATION L0002140     VOLUME   624724.848 4266089.112 6.10
LOCATION L0002141     VOLUME   624724.861 4266083.016 6.10
LOCATION L0002142     VOLUME   624724.874 4266076.920 6.10
LOCATION L0002143     VOLUME   624724.887 4266070.824 6.10
LOCATION L0002144     VOLUME   624724.901 4266064.728 6.10
LOCATION L0002145     VOLUME   624724.914 4266058.632 6.10
LOCATION L0002146     VOLUME   624724.927 4266052.536 6.10
LOCATION L0002147     VOLUME   624724.940 4266046.440 6.10
LOCATION L0002148     VOLUME   624724.954 4266040.345 6.10
LOCATION L0002149     VOLUME   624724.967 4266034.249 6.10
LOCATION L0002150     VOLUME   624724.980 4266028.153 6.10
LOCATION L0002151     VOLUME   624724.993 4266022.057 6.10
LOCATION L0002152     VOLUME   624725.007 4266015.961 6.10
LOCATION L0002153     VOLUME   624725.020 4266009.865 6.10
LOCATION L0002154     VOLUME   624725.033 4266003.769 6.10
LOCATION L0002155     VOLUME   624725.046 4265997.673 6.10
LOCATION L0002156     VOLUME   624725.060 4265991.577 6.10
LOCATION L0002157     VOLUME   624725.073 4265985.481 6.10
LOCATION L0002158     VOLUME   624725.086 4265979.385 6.04
LOCATION L0002159     VOLUME   624725.099 4265973.289 5.98
LOCATION L0002160     VOLUME   624725.113 4265967.193 5.91
LOCATION L0002161     VOLUME   624725.126 4265961.097 5.85
LOCATION L0002162     VOLUME   624725.139 4265955.001 5.79
LOCATION L0002163     VOLUME   624725.152 4265948.905 5.79
LOCATION L0002164     VOLUME   624725.166 4265942.809 5.79
LOCATION L0002165     VOLUME   624725.179 4265936.713 5.79
LOCATION L0002166     VOLUME   624725.192 4265930.617 5.79
LOCATION L0002167     VOLUME   624725.205 4265924.521 5.79
LOCATION L0002168     VOLUME   624725.219 4265918.425 5.79
LOCATION L0002169     VOLUME   624725.232 4265912.329 5.79
LOCATION L0002170     VOLUME   624725.245 4265906.233 5.79
LOCATION L0002171     VOLUME   624725.258 4265900.137 5.79
LOCATION L0002172     VOLUME   624725.272 4265894.041 5.79
LOCATION L0002173     VOLUME   624725.285 4265887.945 5.79
LOCATION L0002174     VOLUME   624725.298 4265881.849 5.79
LOCATION L0002175     VOLUME   624725.311 4265875.753 5.79
LOCATION L0002176     VOLUME   624725.325 4265869.657 5.79
LOCATION L0002177     VOLUME   624725.338 4265863.561 5.79
LOCATION L0002178     VOLUME   624725.351 4265857.465 5.79
LOCATION L0002179     VOLUME   624725.364 4265851.369 5.79
LOCATION L0002180     VOLUME   624725.378 4265845.273 5.79
LOCATION L0002181     VOLUME   624725.391 4265839.177 5.79
LOCATION L0002182     VOLUME   624725.404 4265833.081 5.79
LOCATION L0002183     VOLUME   624725.417 4265826.985 5.79
LOCATION L0002184     VOLUME   624725.431 4265820.889 5.79
LOCATION L0002185     VOLUME   624725.444 4265814.793 5.79
LOCATION L0002186     VOLUME   624725.457 4265808.697 5.79
LOCATION L0002187     VOLUME   624725.470 4265802.601 5.79
LOCATION L0002188     VOLUME   624725.484 4265796.505 5.79
LOCATION L0002189     VOLUME   624725.497 4265790.409 5.79
LOCATION L0002190     VOLUME   624725.510 4265784.313 5.79
LOCATION L0002191     VOLUME   624725.523 4265778.217 5.79
LOCATION L0002192     VOLUME   624725.537 4265772.121 5.79
LOCATION L0002193     VOLUME   624725.550 4265766.025 5.79
LOCATION L0002194     VOLUME   624725.563 4265759.929 5.79
LOCATION L0002195     VOLUME   624725.576 4265753.833 5.79
LOCATION L0002196     VOLUME   624725.590 4265747.737 5.79
LOCATION L0002197     VOLUME   624725.603 4265741.641 5.79
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   LOCATION L0002198     VOLUME   624725.616 4265735.545 5.79
   LOCATION L0002199     VOLUME   624725.629 4265729.449 5.79
   LOCATION L0002200     VOLUME   624725.643 4265723.353 5.79
   LOCATION L0002201     VOLUME   624725.656 4265717.257 5.79
   LOCATION L0002202     VOLUME   624725.669 4265711.161 5.79
   LOCATION L0002203     VOLUME   624725.683 4265705.065 5.79
   LOCATION L0002204     VOLUME   624725.696 4265698.969 5.79
   LOCATION L0002205     VOLUME   624725.709 4265692.873 5.79
** End of LINE VOLUME Source ID = EXH6
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** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = EXH7
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 0.1428571429
** Vertical Dimension = 1.00
** SZINIT = 0.47
** Nodes = 2
** 624785.564, 4266141.366, 6.10, 5.00, 2.84
** 624788.508, 4265692.038, 5.66, 5.00, 2.84
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   LOCATION L0002206     VOLUME   624785.574 4266139.842 6.10
   LOCATION L0002207     VOLUME   624785.614 4266133.747 6.10
   LOCATION L0002208     VOLUME   624785.654 4266127.651 6.10
   LOCATION L0002209     VOLUME   624785.694 4266121.555 6.10
   LOCATION L0002210     VOLUME   624785.734 4266115.459 6.10
   LOCATION L0002211     VOLUME   624785.774 4266109.363 6.10
   LOCATION L0002212     VOLUME   624785.814 4266103.267 6.10
   LOCATION L0002213     VOLUME   624785.854 4266097.171 6.10
   LOCATION L0002214     VOLUME   624785.894 4266091.075 6.10
   LOCATION L0002215     VOLUME   624785.934 4266084.980 6.10
   LOCATION L0002216     VOLUME   624785.974 4266078.884 6.10
   LOCATION L0002217     VOLUME   624786.014 4266072.788 6.10
   LOCATION L0002218     VOLUME   624786.054 4266066.692 6.10
   LOCATION L0002219     VOLUME   624786.094 4266060.596 6.10
   LOCATION L0002220     VOLUME   624786.133 4266054.500 6.10
   LOCATION L0002221     VOLUME   624786.173 4266048.404 6.10
   LOCATION L0002222     VOLUME   624786.213 4266042.309 6.10
   LOCATION L0002223     VOLUME   624786.253 4266036.213 6.10
   LOCATION L0002224     VOLUME   624786.293 4266030.117 6.10
   LOCATION L0002225     VOLUME   624786.333 4266024.021 6.10
   LOCATION L0002226     VOLUME   624786.373 4266017.925 6.10
   LOCATION L0002227     VOLUME   624786.413 4266011.829 6.06
   LOCATION L0002228     VOLUME   624786.453 4266005.733 6.00
   LOCATION L0002229     VOLUME   624786.493 4265999.637 5.94
   LOCATION L0002230     VOLUME   624786.533 4265993.542 5.88
   LOCATION L0002231     VOLUME   624786.573 4265987.446 5.82
   LOCATION L0002232     VOLUME   624786.613 4265981.350 5.79
   LOCATION L0002233     VOLUME   624786.653 4265975.254 5.79
   LOCATION L0002234     VOLUME   624786.692 4265969.158 5.79
   LOCATION L0002235     VOLUME   624786.732 4265963.062 5.79
   LOCATION L0002236     VOLUME   624786.772 4265956.966 5.79
   LOCATION L0002237     VOLUME   624786.812 4265950.870 5.79
   LOCATION L0002238     VOLUME   624786.852 4265944.775 5.79
   LOCATION L0002239     VOLUME   624786.892 4265938.679 5.79
   LOCATION L0002240     VOLUME   624786.932 4265932.583 5.79
   LOCATION L0002241     VOLUME   624786.972 4265926.487 5.79
   LOCATION L0002242     VOLUME   624787.012 4265920.391 5.79
   LOCATION L0002243     VOLUME   624787.052 4265914.295 5.79
   LOCATION L0002244     VOLUME   624787.092 4265908.199 5.79
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   LOCATION L0002245     VOLUME   624787.132 4265902.104 5.79
   LOCATION L0002246     VOLUME   624787.172 4265896.008 5.79
   LOCATION L0002247     VOLUME   624787.212 4265889.912 5.79
   LOCATION L0002248     VOLUME   624787.251 4265883.816 5.79
   LOCATION L0002249     VOLUME   624787.291 4265877.720 5.79
   LOCATION L0002250     VOLUME   624787.331 4265871.624 5.79
   LOCATION L0002251     VOLUME   624787.371 4265865.528 5.79
   LOCATION L0002252     VOLUME   624787.411 4265859.432 5.79
   LOCATION L0002253     VOLUME   624787.451 4265853.337 5.79
   LOCATION L0002254     VOLUME   624787.491 4265847.241 5.79
   LOCATION L0002255     VOLUME   624787.531 4265841.145 5.79
   LOCATION L0002256     VOLUME   624787.571 4265835.049 5.79
   LOCATION L0002257     VOLUME   624787.611 4265828.953 5.79
   LOCATION L0002258     VOLUME   624787.651 4265822.857 5.79
   LOCATION L0002259     VOLUME   624787.691 4265816.761 5.79
   LOCATION L0002260     VOLUME   624787.731 4265810.665 5.79
   LOCATION L0002261     VOLUME   624787.771 4265804.570 5.79
   LOCATION L0002262     VOLUME   624787.810 4265798.474 5.79
   LOCATION L0002263     VOLUME   624787.850 4265792.378 5.79
   LOCATION L0002264     VOLUME   624787.890 4265786.282 5.79
   LOCATION L0002265     VOLUME   624787.930 4265780.186 5.79
   LOCATION L0002266     VOLUME   624787.970 4265774.090 5.79
   LOCATION L0002267     VOLUME   624788.010 4265767.994 5.79
   LOCATION L0002268     VOLUME   624788.050 4265761.899 5.79
   LOCATION L0002269     VOLUME   624788.090 4265755.803 5.79
   LOCATION L0002270     VOLUME   624788.130 4265749.707 5.79
   LOCATION L0002271     VOLUME   624788.170 4265743.611 5.79
   LOCATION L0002272     VOLUME   624788.210 4265737.515 5.79
   LOCATION L0002273     VOLUME   624788.250 4265731.419 5.79
   LOCATION L0002274     VOLUME   624788.290 4265725.323 5.79
   LOCATION L0002275     VOLUME   624788.330 4265719.227 5.79
   LOCATION L0002276     VOLUME   624788.369 4265713.132 5.78
   LOCATION L0002277     VOLUME   624788.409 4265707.036 5.75
   LOCATION L0002278     VOLUME   624788.449 4265700.940 5.72
   LOCATION L0002279     VOLUME   624788.489 4265694.844 5.69
** End of LINE VOLUME Source ID = EXH7
** Source Parameters **
** LINE VOLUME Source ID = GRD1
   SRCPARAM L0001323     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001324     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001325     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001326     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001327     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001328     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001329     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001330     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001331     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001332     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001333     0.0019569472      0.00      2.84      0.47
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   SRCPARAM L0001336     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001337     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001338     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001339     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001340     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001341     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001342     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001343     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001344     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001345     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001346     0.0019569472      0.00      2.84      0.47
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   SRCPARAM L0001347     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001348     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001349     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001350     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001351     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001352     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001353     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001354     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001355     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001356     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001357     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001358     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001359     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001360     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001361     0.0019569472      0.00      2.84      0.47
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   SRCPARAM L0001363     0.0019569472      0.00      2.84      0.47
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   SRCPARAM L0001365     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001366     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001367     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001368     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001369     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001370     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001371     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001372     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001373     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001374     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001375     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001376     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001377     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001378     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001379     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001380     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001381     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001382     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001383     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001384     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001385     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001386     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001387     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001388     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001389     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001390     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001391     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001392     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001393     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001394     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001395     0.0019569472      0.00      2.84      0.47
** ------------------------------------------------------------------
** LINE VOLUME Source ID = GRD2
   SRCPARAM L0001250     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001251     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001252     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001253     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001254     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001255     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001256     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001257     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001258     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001259     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001260     0.0019569472      0.00      2.84      0.47
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SRCPARAM L0001261     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001262     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001263     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001264     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001265     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001266     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001267     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001268     0.0019569472      0.00      2.84      0.47
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SRCPARAM L0001270     0.0019569472      0.00      2.84      0.47
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SRCPARAM L0001272     0.0019569472      0.00      2.84      0.47
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SRCPARAM L0001274     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001275     0.0019569472      0.00      2.84      0.47
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SRCPARAM L0001277     0.0019569472      0.00      2.84      0.47
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SRCPARAM L0001279     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001280     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001281     0.0019569472      0.00      2.84      0.47
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SRCPARAM L0001289     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001290     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001291     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001292     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001293     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001294     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001295     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001296     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001297     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001298     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001299     0.0019569472      0.00      2.84      0.47
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SRCPARAM L0001301     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001302     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001303     0.0019569472      0.00      2.84      0.47
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SRCPARAM L0001312     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001313     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001314     0.0019569472      0.00      2.84      0.47
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SRCPARAM L0001319     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001320     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001321     0.0019569472      0.00      2.84      0.47
SRCPARAM L0001322     0.0019569472      0.00      2.84      0.47
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** LINE VOLUME Source ID = GRD3
   SRCPARAM L0001396     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001397     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001398     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001399     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001400     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001401     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001402     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001403     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001404     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001405     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001406     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001407     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001408     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001409     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001410     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001411     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001412     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001413     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001414     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001415     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001416     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001417     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001418     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001419     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001420     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001421     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001422     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001423     0.0019305019      0.00      2.84      0.47
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   SRCPARAM L0001429     0.0019305019      0.00      2.84      0.47
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   SRCPARAM L0001437     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001438     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001439     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001440     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001441     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001442     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001443     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001444     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001445     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001446     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001447     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001448     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001449     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001450     0.0019305019      0.00      2.84      0.47
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   SRCPARAM L0001452     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001453     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001454     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001455     0.0019305019      0.00      2.84      0.47
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   SRCPARAM L0001456     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001457     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001458     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001459     0.0019305019      0.00      2.84      0.47
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   SRCPARAM L0001461     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001462     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001463     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001464     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001465     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001466     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001467     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001468     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001469     0.0019305019      0.00      2.84      0.47
** --------------------------------------------------------------------
** LINE VOLUME Source ID = GRD4
   SRCPARAM L0001470     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001471     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001472     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001473     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001474     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001475     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001476     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001477     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001478     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001479     0.0019305019      0.00      2.84      0.47
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   SRCPARAM L0001541     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001542     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001543     0.0019305019      0.00      2.84      0.47
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** LINE VOLUME Source ID = GRD5
   SRCPARAM L0001544     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001545     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001546     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001547     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001548     0.0019569472      0.00      2.84      0.47
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   SRCPARAM L0001553     0.0019569472      0.00      2.84      0.47
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   SRCPARAM L0001558     0.0019569472      0.00      2.84      0.47
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   SRCPARAM L0001560     0.0019569472      0.00      2.84      0.47
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   SRCPARAM L0001565     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001566     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001567     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001568     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001569     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001570     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001571     0.0019569472      0.00      2.84      0.47
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   SRCPARAM L0001576     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001577     0.0019569472      0.00      2.84      0.47
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   SRCPARAM L0001613     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001614     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001615     0.0019569472      0.00      2.84      0.47
   SRCPARAM L0001616     0.0019569472      0.00      2.84      0.47
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   SRCPARAM L0001618     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001619     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001620     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001621     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001622     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001623     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001624     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001625     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001626     0.0019305019      0.00      2.84      0.47
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   SRCPARAM L0001628     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001629     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001630     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001631     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001632     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001633     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001634     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001635     0.0019305019      0.00      2.84      0.47
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   SRCPARAM L0001638     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001639     0.0019305019      0.00      2.84      0.47
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   SRCPARAM L0001642     0.0019305019      0.00      2.84      0.47
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** LINE VOLUME Source ID = GRD7
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   SRCPARAM L0001693     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001694     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001695     0.0019305019      0.00      2.84      0.47
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SRCPARAM L0001700     0.0019305019      0.00      2.84      0.47
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SRCPARAM L0001704     0.0019305019      0.00      2.84      0.47
SRCPARAM L0001705     0.0019305019      0.00      2.84      0.47
SRCPARAM L0001706     0.0019305019      0.00      2.84      0.47
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SRCPARAM L0001719     0.0019305019      0.00      2.84      0.47
SRCPARAM L0001720     0.0019305019      0.00      2.84      0.47
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SRCPARAM L0001722     0.0019305019      0.00      2.84      0.47
SRCPARAM L0001723     0.0019305019      0.00      2.84      0.47
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SRCPARAM L0001732     0.0019305019      0.00      2.84      0.47
SRCPARAM L0001733     0.0019305019      0.00      2.84      0.47
SRCPARAM L0001734     0.0019305019      0.00      2.84      0.47
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SRCPARAM L0001736     0.0019305019      0.00      2.84      0.47
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   SRCPARAM L0001763     0.0019305019      0.00      2.84      0.47
   SRCPARAM L0001764     0.0019305019      0.00      2.84      0.47
** ------------------------------------------------------------------
** LINE VOLUME Source ID = EXH1
   SRCPARAM L0001765     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001766     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001767     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001768     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001769     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001770     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001771     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001772     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001773     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001774     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001775     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001776     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001777     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001778     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001779     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001780     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001781     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001782     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001783     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001784     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001785     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001786     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001787     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001788     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001789     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001790     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001791     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001792     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001793     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001794     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001795     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001796     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001797     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001798     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001799     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001800     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001801     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001802     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001803     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001804     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001805     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001806     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001807     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001808     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001809     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001810     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001811     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001812     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001813     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001814     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001815     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001816     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001817     0.0019569472      5.00      2.84      0.47
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   SRCPARAM L0001818     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001819     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001820     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001821     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001822     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001823     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001824     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001825     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001826     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001827     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001828     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001829     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001830     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001831     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001832     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001833     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001834     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001835     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001836     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001837     0.0019569472      5.00      2.84      0.47
** ------------------------------------------------------------------
** LINE VOLUME Source ID = EXH2
   SRCPARAM L0001838     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001839     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001840     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001841     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001842     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001843     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001844     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001845     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001846     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001847     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001848     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001849     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001850     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001851     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001852     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001853     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001854     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001855     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001856     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001857     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001858     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001859     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001860     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001861     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001862     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001863     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001864     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001865     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001866     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001867     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001868     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001869     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001870     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001871     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001872     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001873     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001874     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001875     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001876     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001877     0.0019569472      5.00      2.84      0.47
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   SRCPARAM L0001878     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001879     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001880     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001881     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001882     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001883     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001884     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001885     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001886     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001887     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001888     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001889     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001890     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001891     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001892     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001893     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001894     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001895     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001896     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001897     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001898     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001899     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001900     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001901     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001902     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001903     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001904     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001905     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001906     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001907     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001908     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001909     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0001910     0.0019569472      5.00      2.84      0.47
** ------------------------------------------------------------------
** LINE VOLUME Source ID = EXH3
   SRCPARAM L0001911     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001912     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001913     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001914     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001915     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001916     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001917     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001918     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001919     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001920     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001921     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001922     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001923     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001924     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001925     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001926     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001927     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001928     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001929     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001930     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001931     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001932     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001933     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001934     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001935     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001936     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001937     0.0019305019      5.00      2.84      0.47
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   SRCPARAM L0001938     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001939     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001940     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001941     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001942     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001943     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001944     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001945     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001946     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001947     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001948     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001949     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001950     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001951     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001952     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001953     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001954     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001955     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001956     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001957     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001958     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001959     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001960     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001961     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001962     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001963     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001964     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001965     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001966     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001967     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001968     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001969     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001970     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001971     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001972     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001973     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001974     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001975     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001976     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001977     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001978     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001979     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001980     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001981     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001982     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001983     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001984     0.0019305019      5.00      2.84      0.47
** ------------------------------------------------------------------
** LINE VOLUME Source ID = EXH4
   SRCPARAM L0001985     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001986     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001987     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001988     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001989     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001990     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001991     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001992     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001993     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001994     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001995     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001996     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001997     0.0019305019      5.00      2.84      0.47
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   SRCPARAM L0001998     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0001999     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002000     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002001     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002002     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002003     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002004     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002005     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002006     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002007     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002008     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002009     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002010     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002011     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002012     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002013     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002014     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002015     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002016     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002017     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002018     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002019     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002020     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002021     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002022     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002023     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002024     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002025     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002026     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002027     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002028     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002029     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002030     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002031     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002032     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002033     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002034     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002035     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002036     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002037     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002038     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002039     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002040     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002041     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002042     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002043     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002044     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002045     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002046     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002047     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002048     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002049     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002050     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002051     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002052     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002053     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002054     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002055     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002056     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002057     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002058     0.0019305019      5.00      2.84      0.47
** ------------------------------------------------------------------
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** LINE VOLUME Source ID = EXH5
   SRCPARAM L0002059     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002060     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002061     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002062     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002063     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002064     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002065     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002066     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002067     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002068     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002069     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002070     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002071     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002072     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002073     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002074     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002075     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002076     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002077     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002078     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002079     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002080     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002081     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002082     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002083     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002084     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002085     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002086     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002087     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002088     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002089     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002090     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002091     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002092     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002093     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002094     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002095     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002096     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002097     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002098     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002099     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002100     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002101     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002102     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002103     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002104     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002105     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002106     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002107     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002108     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002109     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002110     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002111     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002112     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002113     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002114     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002115     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002116     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002117     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002118     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002119     0.0019569472      5.00      2.84      0.47
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   SRCPARAM L0002120     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002121     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002122     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002123     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002124     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002125     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002126     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002127     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002128     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002129     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002130     0.0019569472      5.00      2.84      0.47
   SRCPARAM L0002131     0.0019569472      5.00      2.84      0.47
** ------------------------------------------------------------------
** LINE VOLUME Source ID = EXH6
   SRCPARAM L0002132     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002133     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002134     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002135     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002136     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002137     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002138     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002139     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002140     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002141     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002142     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002143     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002144     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002145     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002146     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002147     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002148     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002149     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002150     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002151     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002152     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002153     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002154     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002155     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002156     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002157     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002158     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002159     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002160     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002161     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002162     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002163     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002164     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002165     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002166     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002167     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002168     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002169     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002170     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002171     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002172     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002173     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002174     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002175     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002176     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002177     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002178     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002179     0.0019305019      5.00      2.84      0.47
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   SRCPARAM L0002180     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002181     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002182     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002183     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002184     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002185     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002186     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002187     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002188     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002189     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002190     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002191     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002192     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002193     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002194     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002195     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002196     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002197     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002198     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002199     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002200     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002201     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002202     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002203     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002204     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002205     0.0019305019      5.00      2.84      0.47
** ------------------------------------------------------------------
** LINE VOLUME Source ID = EXH7
   SRCPARAM L0002206     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002207     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002208     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002209     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002210     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002211     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002212     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002213     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002214     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002215     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002216     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002217     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002218     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002219     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002220     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002221     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002222     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002223     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002224     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002225     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002226     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002227     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002228     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002229     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002230     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002231     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002232     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002233     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002234     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002235     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002236     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002237     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002238     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002239     0.0019305019      5.00      2.84      0.47
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   SRCPARAM L0002240     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002241     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002242     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002243     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002244     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002245     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002246     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002247     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002248     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002249     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002250     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002251     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002252     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002253     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002254     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002255     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002256     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002257     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002258     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002259     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002260     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002261     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002262     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002263     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002264     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002265     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002266     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002267     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002268     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002269     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002270     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002271     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002272     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002273     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002274     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002275     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002276     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002277     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002278     0.0019305019      5.00      2.84      0.47
   SRCPARAM L0002279     0.0019305019      5.00      2.84      0.47
** ------------------------------------------------------------------

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001323     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001323     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001324     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001325     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001325     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001326     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001326     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001326     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001326     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001327     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001327     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001327     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001327     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001328     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001328     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001328     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001328     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001329     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001329     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001329     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001329     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001330     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001330     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001330     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001330     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001331     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001331     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001331     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001331     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001332     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001332     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001385     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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EMISFACT L0001313     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001425     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001469     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001469     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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EMISFACT L0001515     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
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EMISFACT L0001718     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001719     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001783     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001783     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001784     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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** Sunday:
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   EMISFACT L0001828     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001829     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001829     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001829     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001830     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001830     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001832     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001837     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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   EMISFACT L0001839     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001901     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001940     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001940     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001982     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001983     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001983     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001983     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001984     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT L0001993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0002048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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   EMISFACT L0002060     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0002061     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0002063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0002069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0002069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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SRCGROUP Ground   L0001303 L0001304 L0001305 L0001306 L0001307 L0001308
SRCGROUP Ground   L0001309 L0001310 L0001311 L0001312 L0001313 L0001314
SRCGROUP Ground   L0001315 L0001316 L0001317 L0001318 L0001319 L0001320
SRCGROUP Ground   L0001321 L0001322 L0001396 L0001397 L0001398 L0001399
SRCGROUP Ground   L0001400 L0001401 L0001402 L0001403 L0001404 L0001405
SRCGROUP Ground   L0001406 L0001407 L0001408 L0001409 L0001410 L0001411
SRCGROUP Ground   L0001412 L0001413 L0001414 L0001415 L0001416 L0001417
SRCGROUP Ground   L0001418 L0001419 L0001420 L0001421 L0001422 L0001423
SRCGROUP Ground   L0001424 L0001425 L0001426 L0001427 L0001428 L0001429
SRCGROUP Ground   L0001430 L0001431 L0001432 L0001433 L0001434 L0001435
SRCGROUP Ground   L0001436 L0001437 L0001438 L0001439 L0001440 L0001441
SRCGROUP Ground   L0001442 L0001443 L0001444 L0001445 L0001446 L0001447
SRCGROUP Ground   L0001448 L0001449 L0001450 L0001451 L0001452 L0001453
SRCGROUP Ground   L0001454 L0001455 L0001456 L0001457 L0001458 L0001459
SRCGROUP Ground   L0001460 L0001461 L0001462 L0001463 L0001464 L0001465
SRCGROUP Ground   L0001466 L0001467 L0001468 L0001469 L0001470 L0001471
SRCGROUP Ground   L0001472 L0001473 L0001474 L0001475 L0001476 L0001477
SRCGROUP Ground   L0001478 L0001479 L0001480 L0001481 L0001482 L0001483
SRCGROUP Ground   L0001484 L0001485 L0001486 L0001487 L0001488 L0001489
SRCGROUP Ground   L0001490 L0001491 L0001492 L0001493 L0001494 L0001495
SRCGROUP Ground   L0001496 L0001497 L0001498 L0001499 L0001500 L0001501
SRCGROUP Ground   L0001502 L0001503 L0001504 L0001505 L0001506 L0001507
SRCGROUP Ground   L0001508 L0001509 L0001510 L0001511 L0001512 L0001513
SRCGROUP Ground   L0001514 L0001515 L0001516 L0001517 L0001518 L0001519
SRCGROUP Ground   L0001520 L0001521 L0001522 L0001523 L0001524 L0001525
SRCGROUP Ground   L0001526 L0001527 L0001528 L0001529 L0001530 L0001531
SRCGROUP Ground   L0001532 L0001533 L0001534 L0001535 L0001536 L0001537
SRCGROUP Ground   L0001538 L0001539 L0001540 L0001541 L0001542 L0001543
SRCGROUP Ground   L0001544 L0001545 L0001546 L0001547 L0001548 L0001549
SRCGROUP Ground   L0001550 L0001551 L0001552 L0001553 L0001554 L0001555
SRCGROUP Ground   L0001556 L0001557 L0001558 L0001559 L0001560 L0001561
SRCGROUP Ground   L0001562 L0001563 L0001564 L0001565 L0001566 L0001567
SRCGROUP Ground   L0001568 L0001569 L0001570 L0001571 L0001572 L0001573
SRCGROUP Ground   L0001574 L0001575 L0001576 L0001577 L0001578 L0001579
SRCGROUP Ground   L0001580 L0001581 L0001582 L0001583 L0001584 L0001585
SRCGROUP Ground   L0001586 L0001587 L0001588 L0001589 L0001590 L0001591
SRCGROUP Ground   L0001592 L0001593 L0001594 L0001595 L0001596 L0001597
SRCGROUP Ground   L0001598 L0001599 L0001600 L0001601 L0001602 L0001603
SRCGROUP Ground   L0001604 L0001605 L0001606 L0001607 L0001608 L0001609
SRCGROUP Ground   L0001610 L0001611 L0001612 L0001613 L0001614 L0001615
SRCGROUP Ground   L0001616 L0001617 L0001618 L0001619 L0001620 L0001621
SRCGROUP Ground   L0001622 L0001623 L0001624 L0001625 L0001626 L0001627
SRCGROUP Ground   L0001628 L0001629 L0001630 L0001631 L0001632 L0001633
SRCGROUP Ground   L0001634 L0001635 L0001636 L0001637 L0001638 L0001639
SRCGROUP Ground   L0001640 L0001641 L0001642 L0001643 L0001644 L0001645
SRCGROUP Ground   L0001646 L0001647 L0001648 L0001649 L0001650 L0001651
SRCGROUP Ground   L0001652 L0001653 L0001654 L0001655 L0001656 L0001657
SRCGROUP Ground   L0001658 L0001659 L0001660 L0001661 L0001662 L0001663
SRCGROUP Ground   L0001664 L0001665 L0001666 L0001667 L0001668 L0001669
SRCGROUP Ground   L0001670 L0001671 L0001672 L0001673 L0001674 L0001675
SRCGROUP Ground   L0001676 L0001677 L0001678 L0001679 L0001680 L0001681
SRCGROUP Ground   L0001682 L0001683 L0001684 L0001685 L0001686 L0001687
SRCGROUP Ground   L0001688 L0001689 L0001690 L0001691 L0001692 L0001693
SRCGROUP Ground   L0001694 L0001695 L0001696 L0001697 L0001698 L0001699
SRCGROUP Ground   L0001700 L0001701 L0001702 L0001703 L0001704 L0001705
SRCGROUP Ground   L0001706 L0001707 L0001708 L0001709 L0001710 L0001711
SRCGROUP Ground   L0001712 L0001713 L0001714 L0001715 L0001716 L0001717
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SRCGROUP Ground   L0001718 L0001719 L0001720 L0001721 L0001722 L0001723
SRCGROUP Ground   L0001724 L0001725 L0001726 L0001727 L0001728 L0001729
SRCGROUP Ground   L0001730 L0001731 L0001732 L0001733 L0001734 L0001735
SRCGROUP Ground   L0001736 L0001737 L0001738 L0001739 L0001740 L0001741
SRCGROUP Ground   L0001742 L0001743 L0001744 L0001745 L0001746 L0001747
SRCGROUP Ground   L0001748 L0001749 L0001750 L0001751 L0001752 L0001753
SRCGROUP Ground   L0001754 L0001755 L0001756 L0001757 L0001758 L0001759
SRCGROUP Ground   L0001760 L0001761 L0001762 L0001763 L0001764
SRCGROUP Exhaust  L0001765 L0001766 L0001767 L0001768 L0001769 L0001770
SRCGROUP Exhaust  L0001771 L0001772 L0001773 L0001774 L0001775 L0001776
SRCGROUP Exhaust  L0001777 L0001778 L0001779 L0001780 L0001781 L0001782
SRCGROUP Exhaust  L0001783 L0001784 L0001785 L0001786 L0001787 L0001788
SRCGROUP Exhaust  L0001789 L0001790 L0001791 L0001792 L0001793 L0001794
SRCGROUP Exhaust  L0001795 L0001796 L0001797 L0001798 L0001799 L0001800
SRCGROUP Exhaust  L0001801 L0001802 L0001803 L0001804 L0001805 L0001806
SRCGROUP Exhaust  L0001807 L0001808 L0001809 L0001810 L0001811 L0001812
SRCGROUP Exhaust  L0001813 L0001814 L0001815 L0001816 L0001817 L0001818
SRCGROUP Exhaust  L0001819 L0001820 L0001821 L0001822 L0001823 L0001824
SRCGROUP Exhaust  L0001825 L0001826 L0001827 L0001828 L0001829 L0001830
SRCGROUP Exhaust  L0001831 L0001832 L0001833 L0001834 L0001835 L0001836
SRCGROUP Exhaust  L0001837 L0001838 L0001839 L0001840 L0001841 L0001842
SRCGROUP Exhaust  L0001843 L0001844 L0001845 L0001846 L0001847 L0001848
SRCGROUP Exhaust  L0001849 L0001850 L0001851 L0001852 L0001853 L0001854
SRCGROUP Exhaust  L0001855 L0001856 L0001857 L0001858 L0001859 L0001860
SRCGROUP Exhaust  L0001861 L0001862 L0001863 L0001864 L0001865 L0001866
SRCGROUP Exhaust  L0001867 L0001868 L0001869 L0001870 L0001871 L0001872
SRCGROUP Exhaust  L0001873 L0001874 L0001875 L0001876 L0001877 L0001878
SRCGROUP Exhaust  L0001879 L0001880 L0001881 L0001882 L0001883 L0001884
SRCGROUP Exhaust  L0001885 L0001886 L0001887 L0001888 L0001889 L0001890
SRCGROUP Exhaust  L0001891 L0001892 L0001893 L0001894 L0001895 L0001896
SRCGROUP Exhaust  L0001897 L0001898 L0001899 L0001900 L0001901 L0001902
SRCGROUP Exhaust  L0001903 L0001904 L0001905 L0001906 L0001907 L0001908
SRCGROUP Exhaust  L0001909 L0001910 L0001911 L0001912 L0001913 L0001914
SRCGROUP Exhaust  L0001915 L0001916 L0001917 L0001918 L0001919 L0001920
SRCGROUP Exhaust  L0001921 L0001922 L0001923 L0001924 L0001925 L0001926
SRCGROUP Exhaust  L0001927 L0001928 L0001929 L0001930 L0001931 L0001932
SRCGROUP Exhaust  L0001933 L0001934 L0001935 L0001936 L0001937 L0001938
SRCGROUP Exhaust  L0001939 L0001940 L0001941 L0001942 L0001943 L0001944
SRCGROUP Exhaust  L0001945 L0001946 L0001947 L0001948 L0001949 L0001950
SRCGROUP Exhaust  L0001951 L0001952 L0001953 L0001954 L0001955 L0001956
SRCGROUP Exhaust  L0001957 L0001958 L0001959 L0001960 L0001961 L0001962
SRCGROUP Exhaust  L0001963 L0001964 L0001965 L0001966 L0001967 L0001968
SRCGROUP Exhaust  L0001969 L0001970 L0001971 L0001972 L0001973 L0001974
SRCGROUP Exhaust  L0001975 L0001976 L0001977 L0001978 L0001979 L0001980
SRCGROUP Exhaust  L0001981 L0001982 L0001983 L0001984 L0001985 L0001986
SRCGROUP Exhaust  L0001987 L0001988 L0001989 L0001990 L0001991 L0001992
SRCGROUP Exhaust  L0001993 L0001994 L0001995 L0001996 L0001997 L0001998
SRCGROUP Exhaust  L0001999 L0002000 L0002001 L0002002 L0002003 L0002004
SRCGROUP Exhaust  L0002005 L0002006 L0002007 L0002008 L0002009 L0002010
SRCGROUP Exhaust  L0002011 L0002012 L0002013 L0002014 L0002015 L0002016
SRCGROUP Exhaust  L0002017 L0002018 L0002019 L0002020 L0002021 L0002022
SRCGROUP Exhaust  L0002023 L0002024 L0002025 L0002026 L0002027 L0002028
SRCGROUP Exhaust  L0002029 L0002030 L0002031 L0002032 L0002033 L0002034
SRCGROUP Exhaust  L0002035 L0002036 L0002037 L0002038 L0002039 L0002040
SRCGROUP Exhaust  L0002041 L0002042 L0002043 L0002044 L0002045 L0002046
SRCGROUP Exhaust  L0002047 L0002048 L0002049 L0002050 L0002051 L0002052
SRCGROUP Exhaust  L0002053 L0002054 L0002055 L0002056 L0002057 L0002058
SRCGROUP Exhaust  L0002059 L0002060 L0002061 L0002062 L0002063 L0002064
SRCGROUP Exhaust  L0002065 L0002066 L0002067 L0002068 L0002069 L0002070
SRCGROUP Exhaust  L0002071 L0002072 L0002073 L0002074 L0002075 L0002076
SRCGROUP Exhaust  L0002077 L0002078 L0002079 L0002080 L0002081 L0002082
SRCGROUP Exhaust  L0002083 L0002084 L0002085 L0002086 L0002087 L0002088
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   SRCGROUP Exhaust  L0002089 L0002090 L0002091 L0002092 L0002093 L0002094
   SRCGROUP Exhaust  L0002095 L0002096 L0002097 L0002098 L0002099 L0002100
   SRCGROUP Exhaust  L0002101 L0002102 L0002103 L0002104 L0002105 L0002106
   SRCGROUP Exhaust  L0002107 L0002108 L0002109 L0002110 L0002111 L0002112
   SRCGROUP Exhaust  L0002113 L0002114 L0002115 L0002116 L0002117 L0002118
   SRCGROUP Exhaust  L0002119 L0002120 L0002121 L0002122 L0002123 L0002124
   SRCGROUP Exhaust  L0002125 L0002126 L0002127 L0002128 L0002129 L0002130
   SRCGROUP Exhaust  L0002131 L0002132 L0002133 L0002134 L0002135 L0002136
   SRCGROUP Exhaust  L0002137 L0002138 L0002139 L0002140 L0002141 L0002142
   SRCGROUP Exhaust  L0002143 L0002144 L0002145 L0002146 L0002147 L0002148
   SRCGROUP Exhaust  L0002149 L0002150 L0002151 L0002152 L0002153 L0002154
   SRCGROUP Exhaust  L0002155 L0002156 L0002157 L0002158 L0002159 L0002160
   SRCGROUP Exhaust  L0002161 L0002162 L0002163 L0002164 L0002165 L0002166
   SRCGROUP Exhaust  L0002167 L0002168 L0002169 L0002170 L0002171 L0002172
   SRCGROUP Exhaust  L0002173 L0002174 L0002175 L0002176 L0002177 L0002178
   SRCGROUP Exhaust  L0002179 L0002180 L0002181 L0002182 L0002183 L0002184
   SRCGROUP Exhaust  L0002185 L0002186 L0002187 L0002188 L0002189 L0002190
   SRCGROUP Exhaust  L0002191 L0002192 L0002193 L0002194 L0002195 L0002196
   SRCGROUP Exhaust  L0002197 L0002198 L0002199 L0002200 L0002201 L0002202
   SRCGROUP Exhaust  L0002203 L0002204 L0002205 L0002206 L0002207 L0002208
   SRCGROUP Exhaust  L0002209 L0002210 L0002211 L0002212 L0002213 L0002214
   SRCGROUP Exhaust  L0002215 L0002216 L0002217 L0002218 L0002219 L0002220
   SRCGROUP Exhaust  L0002221 L0002222 L0002223 L0002224 L0002225 L0002226
   SRCGROUP Exhaust  L0002227 L0002228 L0002229 L0002230 L0002231 L0002232
   SRCGROUP Exhaust  L0002233 L0002234 L0002235 L0002236 L0002237 L0002238
   SRCGROUP Exhaust  L0002239 L0002240 L0002241 L0002242 L0002243 L0002244
   SRCGROUP Exhaust  L0002245 L0002246 L0002247 L0002248 L0002249 L0002250
   SRCGROUP Exhaust  L0002251 L0002252 L0002253 L0002254 L0002255 L0002256
   SRCGROUP Exhaust  L0002257 L0002258 L0002259 L0002260 L0002261 L0002262
   SRCGROUP Exhaust  L0002263 L0002264 L0002265 L0002266 L0002267 L0002268
   SRCGROUP Exhaust  L0002269 L0002270 L0002271 L0002272 L0002273 L0002274
   SRCGROUP Exhaust  L0002275 L0002276 L0002277 L0002278 L0002279
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Construction.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE D:\LSA\Met_Data\Sac_Metro\23232_Sac_Executive\23232_SacExec_2020-2024.SFC
   PROFFILE D:\LSA\Met_Data\Sac_Metro\23232_Sac_Executive\23232_SacExec_2020-2024.PFL
   SURFDATA 23232 2020
   UAIRDATA 72493 2020
   PROFBASE 16.0 FEET
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
```

```
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 Ground 1ST Construction.AD\01H1G001.PLT 31
   PLOTFILE 1 Exhaust 1ST Construction.AD\01H1G002.PLT 32
   PLOTFILE PERIOD Ground Construction.AD\PE00G001.PLT 33
   PLOTFILE PERIOD Exhaust Construction.AD\PE00G002.PLT 34
   SUMMFILE Construction.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186   14934       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187   14934       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                                        ***   MODEL SETUP OPTIONS SUMMARY   ***

- -

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE = F
     * Model Uses NO WET DEPLETION. WETDPLT = F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses RURAL Dispersion Only.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: OTHER

**Model Calculates 1 Short Term Average(s) of: 1-HR
    and Calculates PERIOD Averages

**This Run Includes: 1030 Source(s);   2 Source Group(s); and   9699 Receptor(s)

               with: 0 POINT(s), including
                          0 POINTCAP(s) and   0 POINTHOR(s)
                and: 1030 VOLUME source(s)
                and: 0 AREA type source(s)
                and: 0 LINE source(s)
                and: 0 RLINE/RLINEXT source(s)
                and: 0 OPENPIT source(s)
                and: 0 BUOYANT LINE source(s) with a total of   0 line(s)
                and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 24142

**Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   4.88 ; Decay Coef. =   0.000   ; Rot. Angle =   0.0
                 Emission Units = GRAMS/SEC   ; Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =   6.0 MB of RAM.

```
**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**Detailed Error/Message File:   Construction.err
**File for Summary of Results:   Construction.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
EXHAUST	L0001765 , L0001766 , L0001767 , L0001768 , L0001769 , L0001770 , L0001771 , L0001772 ,
	L0001773 , L0001774 , L0001775 , L0001776 , L0001777 , L0001778 , L0001779 , L0001780 ,
	L0001781 , L0001782 , L0001783 , L0001784 , L0001785 , L0001786 , L0001787 , L0001788 ,
	L0001789 , L0001790 , L0001791 , L0001792 , L0001793 , L0001794 , L0001795 , L0001796 ,
	L0001797 , L0001798 , L0001799 , L0001800 , L0001801 , L0001802 , L0001803 , L0001804 ,
	L0001805 , L0001806 , L0001807 , L0001808 , L0001809 , L0001810 , L0001811 , L0001812 ,
	L0001813 , L0001814 , L0001815 , L0001816 , L0001817 , L0001818 , L0001819 , L0001820 ,
	L0001821 , L0001822 , L0001823 , L0001824 , L0001825 , L0001826 , L0001827 , L0001828 ,
	L0001829 , L0001830 , L0001831 , L0001832 , L0001833 , L0001834 , L0001835 , L0001836 ,
	L0001837 , L0001838 , L0001839 , L0001840 , L0001841 , L0001842 , L0001843 , L0001844 ,
	L0001845 , L0001846 , L0001847 , L0001848 , L0001849 , L0001850 , L0001851 , L0001852 ,
	L0001853 , L0001854 , L0001855 , L0001856 , L0001857 , L0001858 , L0001859 , L0001860 ,
	L0001861 , L0001862 , L0001863 , L0001864 , L0001865 , L0001866 , L0001867 , L0001868 ,
	L0001869 , L0001870 , L0001871 , L0001872 , L0001873 , L0001874 , L0001875 , L0001876 ,
	L0001877 , L0001878 , L0001879 , L0001880 , L0001881 , L0001882 , L0001883 , L0001884 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0001885 , L0001886 , L0001887 , L0001888 , L0001889 , L0001890 , L0001891 , L0001892 ,
	L0001893 , L0001894 , L0001895 , L0001896 , L0001897 , L0001898 , L0001899 , L0001900 ,
	L0001901 , L0001902 , L0001903 , L0001904 , L0001905 , L0001906 , L0001907 , L0001908 ,
	L0001909 , L0001910 , L0001911 , L0001912 , L0001913 , L0001914 , L0001915 , L0001916 ,
	L0001917 , L0001918 , L0001919 , L0001920 , L0001921 , L0001922 , L0001923 , L0001924 ,
	L0001925 , L0001926 , L0001927 , L0001928 , L0001929 , L0001930 , L0001931 , L0001932 ,
	L0001933 , L0001934 , L0001935 , L0001936 , L0001937 , L0001938 , L0001939 , L0001940 ,
	L0001941 , L0001942 , L0001943 , L0001944 , L0001945 , L0001946 , L0001947 , L0001948 ,
	L0001949 , L0001950 , L0001951 , L0001952 , L0001953 , L0001954 , L0001955 , L0001956 ,
	L0001957 , L0001958 , L0001959 , L0001960 , L0001961 , L0001962 , L0001963 , L0001964 ,
	L0001965 , L0001966 , L0001967 , L0001968 , L0001969 , L0001970 , L0001971 , L0001972 ,
	L0001973 , L0001974 , L0001975 , L0001976 , L0001977 , L0001978 , L0001979 , L0001980 ,
	L0001981 , L0001982 , L0001983 , L0001984 , L0001985 , L0001986 , L0001987 , L0001988 ,
	L0001989 , L0001990 , L0001991 , L0001992 , L0001993 , L0001994 , L0001995 , L0001996 ,
	L0001997 , L0001998 , L0001999 , L0002000 , L0002001 , L0002002 , L0002003 , L0002004 ,
	L0002005 , L0002006 , L0002007 , L0002008 , L0002009 , L0002010 , L0002011 , L0002012 ,
	L0002013 , L0002014 , L0002015 , L0002016 , L0002017 , L0002018 , L0002019 , L0002020 ,
	L0002021 , L0002022 , L0002023 , L0002024 , L0002025 , L0002026 , L0002027 , L0002028 ,
	L0002029 , L0002030 , L0002031 , L0002032 , L0002033 , L0002034 , L0002035 , L0002036 ,
	L0002037 , L0002038 , L0002039 , L0002040 , L0002041 , L0002042 , L0002043 , L0002044 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0002045 , L0002046 , L0002047 , L0002048 , L0002049 , L0002050 , L0002051 , L0002052 ,
	L0002053 , L0002054 , L0002055 , L0002056 , L0002057 , L0002058 , L0002059 , L0002060 ,
	L0002061 , L0002062 , L0002063 , L0002064 , L0002065 , L0002066 , L0002067 , L0002068 ,
	L0002069 , L0002070 , L0002071 , L0002072 , L0002073 , L0002074 , L0002075 , L0002076 ,
	L0002077 , L0002078 , L0002079 , L0002080 , L0002081 , L0002082 , L0002083 , L0002084 ,
	L0002085 , L0002086 , L0002087 , L0002088 , L0002089 , L0002090 , L0002091 , L0002092 ,
	L0002093 , L0002094 , L0002095 , L0002096 , L0002097 , L0002098 , L0002099 , L0002100 ,
	L0002101 , L0002102 , L0002103 , L0002104 , L0002105 , L0002106 , L0002107 , L0002108 ,
	L0002109 , L0002110 , L0002111 , L0002112 , L0002113 , L0002114 , L0002115 , L0002116 ,
	L0002117 , L0002118 , L0002119 , L0002120 , L0002121 , L0002122 , L0002123 , L0002124 ,
	L0002125 , L0002126 , L0002127 , L0002128 , L0002129 , L0002130 , L0002131 , L0002132 ,
	L0002133 , L0002134 , L0002135 , L0002136 , L0002137 , L0002138 , L0002139 , L0002140 ,
	L0002141 , L0002142 , L0002143 , L0002144 , L0002145 , L0002146 , L0002147 , L0002148 ,
	L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 , L0002155 , L0002156 ,
	L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 , L0002163 , L0002164 ,
	L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , L0002170 , L0002171 , L0002172 ,
	L0002173 , L0002174 , L0002175 , L0002176 , L0002177 , L0002178 , L0002179 , L0002180 ,
	L0002181 , L0002182 , L0002183 , L0002184 , L0002185 , L0002186 , L0002187 , L0002188 ,
	L0002189 , L0002190 , L0002191 , L0002192 , L0002193 , L0002194 , L0002195 , L0002196 ,
	L0002197 , L0002198 , L0002199 , L0002200 , L0002201 , L0002202 , L0002203 , L0002204 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0002205 , L0002206 , L0002207 , L0002208 , L0002209 , L0002210 , L0002211 , L0002212 ,
	L0002213 , L0002214 , L0002215 , L0002216 , L0002217 , L0002218 , L0002219 , L0002220 ,
	L0002221 , L0002222 , L0002223 , L0002224 , L0002225 , L0002226 , L0002227 , L0002228 ,
	L0002229 , L0002230 , L0002231 , L0002232 , L0002233 , L0002234 , L0002235 , L0002236 ,
	L0002237 , L0002238 , L0002239 , L0002240 , L0002241 , L0002242 , L0002243 , L0002244 ,
	L0002245 , L0002246 , L0002247 , L0002248 , L0002249 , L0002250 , L0002251 , L0002252 ,
	L0002253 , L0002254 , L0002255 , L0002256 , L0002257 , L0002258 , L0002259 , L0002260 ,
	L0002261 , L0002262 , L0002263 , L0002264 , L0002265 , L0002266 , L0002267 , L0002268 ,
	L0002269 , L0002270 , L0002271 , L0002272 , L0002273 , L0002274 , L0002275 , L0002276 ,
	L0002277 , L0002278 , L0002279 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = **Example** ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
						DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
						DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: D:\LSA\Met_Data\Sac_Metro\23232_Sac_Executive\23232_SacExec_2020-2024.SFC Met Version: 24142
Profile file: D:\LSA\Met_Data\Sac_Metro\23232_Sac_Executive\23232_SacExec_2020-2024.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23232 Upper air station no.: 72493
Name: UNKNOWN Name: UNKNOWN
Year: 2020 Year: 2020

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
20	01	01	1	01	-4.7	0.091	-9.000	-9.000	-999.	65.	14.5	0.06	2.39	1.00	1.31	79.	10.0	284.2	2.0
20	01	01	1	02	-3.1	0.076	-9.000	-9.000	-999.	50.	12.7	0.06	2.39	1.00	1.04	88.	10.0	281.4	2.0
20	01	01	1	03	-4.2	0.086	-9.000	-9.000	-999.	60.	13.7	0.06	2.39	1.00	1.23	72.	10.0	280.9	2.0
20	01	01	1	04	-10.2	0.134	-9.000	-9.000	-999.	118.	21.5	0.05	2.39	1.00	1.94	148.	10.0	281.4	2.0
20	01	01	1	05	-3.9	0.080	-9.000	-9.000	-999.	54.	11.7	0.02	2.39	1.00	1.37	164.	10.0	280.9	2.0
20	01	01	1	06	-3.5	0.077	-9.000	-9.000	-999.	51.	11.9	0.03	2.39	1.00	1.23	261.	10.0	279.8	2.0
20	01	01	1	07	-11.3	0.141	-9.000	-9.000	-999.	128.	22.8	0.06	2.39	1.00	2.01	89.	10.0	280.3	2.0
20	01	01	1	08	-15.6	0.167	-9.000	-9.000	-999.	164.	30.7	0.05	2.39	0.76	2.38	135.	10.0	280.9	2.0
20	01	01	1	09	-3.4	0.208	-9.000	-9.000	-999.	227.	236.9	0.05	2.39	0.40	2.81	149.	10.0	279.2	2.0
20	01	01	1	10	58.2	0.192	0.702	0.014	217.	201.	-11.0	0.05	2.39	0.28	2.03	143.	10.0	279.2	2.0
20	01	01	1	11	107.7	0.170	0.986	0.014	324.	169.	-4.2	0.02	2.39	0.23	1.98	155.	10.0	278.8	2.0
20	01	01	1	12	135.4	0.181	1.129	0.014	386.	184.	-4.0	0.02	2.39	0.22	2.08	159.	10.0	279.2	2.0
20	01	01	1	13	138.9	0.178	1.195	0.014	446.	180.	-3.7	0.03	2.39	0.22	1.91	205.	10.0	278.1	2.0
20	01	01	1	14	119.0	0.147	1.207	0.014	538.	135.	-2.4	0.03	2.39	0.23	1.45	244.	10.0	279.2	2.0
20	01	01	1	15	76.1	0.255	1.072	0.014	590.	308.	-19.7	0.06	2.39	0.26	2.79	286.	10.0	280.3	2.0
20	01	01	1	16	14.5	0.247	0.620	0.014	599.	294.	-94.4	0.06	2.39	0.35	3.01	293.	10.0	280.3	2.0
20	01	01	1	17	-18.5	0.202	-9.000	-9.000	-999.	218.	44.9	0.08	2.39	0.60	2.61	307.	10.0	281.4	2.0
20	01	01	1	18	-9.5	0.132	-9.000	-9.000	-999.	116.	21.8	0.08	2.39	1.00	1.76	309.	10.0	283.1	2.0
20	01	01	1	19	-4.8	0.089	-9.000	-9.000	-999.	64.	13.5	0.03	2.39	1.00	1.47	4.	10.0	284.8	2.0
20	01	01	1	20	-9.5	0.132	-9.000	-9.000	-999.	115.	21.9	0.08	2.39	1.00	1.76	328.	10.0	285.9	2.0
20	01	01	1	21	-6.2	0.102	-9.000	-9.000	-999.	79.	15.6	0.03	2.39	1.00	1.67	266.	10.0	287.5	2.0
20	01	01	1	22	-9.2	0.130	-9.000	-9.000	-999.	113.	21.7	0.08	2.39	1.00	1.74	307.	10.0	287.0	2.0
20	01	01	1	23	-11.4	0.144	-9.000	-9.000	-999.	131.	23.6	0.06	2.39	1.00	2.01	332.	10.0	286.4	2.0
20	01	01	1	24	-7.5	0.115	-9.000	-9.000	-999.	94.	18.5	0.06	2.39	1.00	1.65	275.	10.0	285.9	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
20	01	01	01	10.0	1	79.	1.31	284.3	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
EXHAUST	1ST HIGHEST VALUE IS	3.89386 AT (624599.93, 4266167.69, 6.10, 6.10, 1.80)	DC	
	2ND HIGHEST VALUE IS	3.87111 AT (624609.82, 4266167.87, 6.10, 6.10, 1.80)	DC	
	3RD HIGHEST VALUE IS	3.84923 AT (624550.49, 4266166.81, 6.10, 6.10, 1.80)	DC	
	4TH HIGHEST VALUE IS	3.84664 AT (624540.60, 4266166.63, 6.10, 6.10, 1.80)	DC	
	5TH HIGHEST VALUE IS	3.83898 AT (624590.04, 4266167.52, 6.10, 6.10, 1.80)	DC	
	6TH HIGHEST VALUE IS	3.80920 AT (624560.38, 4266166.99, 6.10, 6.10, 1.80)	DC	
	7TH HIGHEST VALUE IS	3.79930 AT (624619.71, 4266168.05, 6.10, 6.10, 1.80)	DC	
	8TH HIGHEST VALUE IS	3.78257 AT (624580.15, 4266167.34, 6.10, 6.10, 1.80)	DC	
	9TH HIGHEST VALUE IS	3.77915 AT (624570.27, 4266167.16, 6.10, 6.10, 1.80)	DC	
	10TH HIGHEST VALUE IS	3.76024 AT (624530.71, 4266166.46, 6.10, 6.10, 1.80)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
EXHAUST	HIGH 1ST HIGH VALUE IS	373.33834	ON 24120608: AT (624246.84, 4265539.42, 6.10, 6.10, 1.80)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 109 Warning Message(s)
A Total of 1791 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 764 Calm Hours Identified

A Total of 1027 Missing Hours Identified (2.34 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********

ME W186	14934	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	14934	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	
MX W479	26708	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.501
MX W479	26781	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.501
MX W479	26804	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.569
MX W479	27221	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.522
MX W479	27222	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.627
MX W479	27223	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.544
MX W479	27238	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.501
MX W479	27405	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.522
MX W479	28108	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.662
MX W479	28347	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.501
MX W479	28677	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.501
MX W479	28684	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.596
MX W479	28685	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.627
MX W479	31925	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.544
MX W479	33020	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.501
MX W479	33269	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.569
MX W479	33315	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.544
MX W479	33487	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.501
MX W479	33499	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.522
MX W479	33629	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.569
MX W479	33811	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.569
MX W479	33842	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.627
MX W479	33844	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.569
MX W479	33845	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.596
MX W479	33908	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.544
MX W479	34081	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.544
MX W479	34099	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.501
MX W479	34105	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.569
MX W479	34106	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.544
MX W479	34108	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.522
MX W479	34219	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.627
MX W479	34221	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.522
MX W479	34399	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.501
MX W479	34413	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.522
MX W479	34417	TGINIT: Potential temperature gradient is out-of-range:	TG4PFL=0.501

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MX W479   34418       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   34441       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   34533       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.522
MX W479   34543       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.627
MX W479   34557       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.522
MX W479   34559       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   34562       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.596
MX W479   34564       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   34567       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   34578       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.569
MX W479   34580       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   34581       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.662
MX W479   34582       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.569
MX W479   34586       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   34592       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.522
MX W479   34610       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   34625       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   34626       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.701
MX W479   34628       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.569
MX W479   34639       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   34706       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   34711       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   34900       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   35424       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.522
MX W479   35425       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.596
MX W479   35668       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.522
MX W479   35711       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   35714       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   35755       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   35789       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   36055       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.627
MX W479   36076       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.662
MX W479   36077       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.569
MX W479   36092       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   36095       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   36104       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.522
MX W479   36390       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   36391       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   41454       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   42219       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   42386       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   42548       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   42569       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.569
MX W479   42570       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.522
MX W479   42572       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.596
MX W479   42578       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   42598       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.522
MX W479   42607       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.569
MX W479   43053       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.569
MX W479   43054       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.522
MX W479   43075       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   43076       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   43147       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   43151       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.701
MX W479   43156       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   43174       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   43179       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   43183       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.596
MX W479   43196       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.522
MX W479   43198       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   43246       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.522
MX W479   43250       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.569
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MX W479   43251       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   43278       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.596
MX W479   43279       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   43280       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   43290       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.501
MX W479   43300       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   43327       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.544
MX W479   43351       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.596
MX W479   43516       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.662
MX W479   43517       TGINIT: Potential temperature gradient is out-of-range:    TG4PFL=0.569

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```
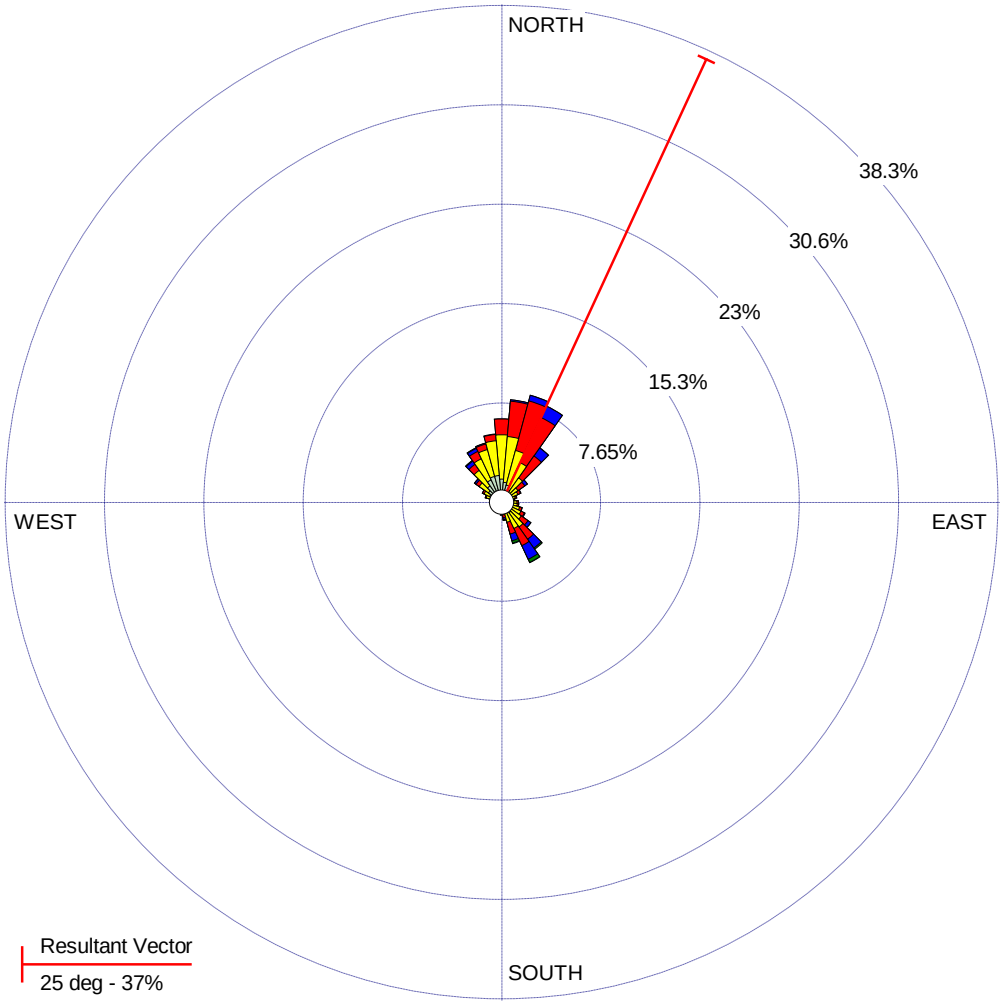

WIND ROSE PLOT:

Station #23232 - SACRAMENTO/EXECUTIVE ARPT, CA

DISPLAY:

Wind Speed
Flow Vector (blowing to)



WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 1.74%

COMMENTS:	DATA PERIOD: **Start Date: 1/1/2020 - 00:00** **End Date: 12/31/2024 - 23:59**	COMPANY NAME: **LSA**	
		MODELER:	
	CALM WINDS: **1.74%**	TOTAL COUNT: **43475 hrs.**	
	AVG. WIND SPEED: **2.99 m/s**	DATE: **9/23/2025**	PROJECT NO.:

HARP2 - HRACalc (dated 22118) 6/2/2026 3:08:45 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 4
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 1
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_School_Year1_CancerRisk.csv
Cancer risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_School_Year1_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_School_Year1_NCChronicRisk.csv
Chronic risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_School_Year1_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_School_Year1_NCAcuteRisk.csv
Acute risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_School_Year1_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 6/2/2026 3:12:47 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 5
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 1
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_School_Year2_CancerRisk.csv
Cancer risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_School_Year2_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_School_Year2_NCChronicRisk.csv
Chronic risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_School_Year2_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_School_Year2_NCAcuteRisk.csv
Acute risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_School_Year2_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 6/2/2026 2:12:14 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Sensitive_Year1_CancerRisk.csv
Cancer risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Sensitive_Year1_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Sensitive_Year1_NCChronicRisk.csv
Chronic risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Sensitive_Year1_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Sensitive_Year1_NCAcuteRisk.csv
Acute risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Sensitive_Year1_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 6/2/2026 2:16:04 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 1
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Sensitive_Year2_CancerRisk.csv
Cancer risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Sensitive_Year2_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Sensitive_Year2_NCChronicRisk.csv
Chronic risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Sensitive_Year2_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Sensitive_Year2_NCAcuteRisk.csv
Acute risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Sensitive_Year2_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 6/2/2026 2:19:02 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 1
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Worker_Year1_CancerRisk.csv
Cancer risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Worker_Year1_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Worker_Year1_NCChronicRisk.csv
Chronic risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Worker_Year1_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Worker_Year1_NCAcuteRisk.csv
Acute risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Worker_Year1_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 6/2/2026 2:24:57 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 17
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 1
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Worker_Year2_CancerRisk.csv
Cancer risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Worker_Year2_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Worker_Year2_NCChronicRisk.csv
Chronic risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Worker_Year2_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Worker_Year2_NCAcuteRisk.csv
Acute risk total by receptor saved to:
D:\LSA\2025\20252264\HARP_CONST\hra\Const_Worker_Year2_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP Project Summary Report 9/23/2025 4:25:55 PM

PROJECT INFORMATION
HARP Version: 22118
Project Name: HARP_CONST
Project Output Directory: D:\LSA\2025\20252264\HARP_CONST
HARP Database: NA

FACILITY INFORMATION
Origin
X (m):0
Y (m):0
Zone:1
No. of Sources:0
No. of Buildings:0

EMISSION INVENTORY
No. of Pollutants:1
No. of Background Pollutants:0

Emissions

ScrID	StkID	ProID	PolID	PolAbbrev	Multi	Annual Ems (lbs/yr)	MaxHr Ems (lbs/hr)	MWAF
Const	0	0	9901	DieselExhPM	3.88	86.44	0	1

Background

PolID	PolAbbrev	Conc (ug/m^3)	MWAF

Ground level concentration files (\glc\)

9901MAXHR.txt
9901PER.txt

POLLUTANT HEALTH INFORMATION
Health Database: D:\HARP2\Tables\HEALTH17320.mdb
Health Table Version: HEALTH25003
Official: True

PolID	PolAbbrev	InhCancer	OralCancer	AcuteREL	InhChronicREL	OralChronicREL	InhChronic8HRREL
9901	DieselExhPM	1.1			5		

AIR DISPERSION MODELING INFORMATION
Versions used in HARP. All executables were obtained from USEPA's Support Center for Regulatory Atmospheric Modeling website (http://www.epa.gov/scram001/)
AERMOD: 18081
AERMAP: 18081
BPIPPRM: 04274
AERPLOT: 13329

METEOROLOGICAL INFORMATION
Version:

Surface File:
Profile File:
Surface Station:
Upper Station:
On-Site Station:

LIST OF AIR DISPERSION FILES
AERMOD Input File:
AERMOD Output File:
AERMOD Error File:
Plotfile list

_____

LIST OF RISK ASSESSMENT FILES
Health risk analysis files (\hra\)

_____
Const_Sensitive_Year1_CancerRisk.csv
Const_Sensitive_Year1_CancerRiskSumByRec.csv
Const_Sensitive_Year1_GLCList.csv
Const_Sensitive_Year1_HRAInput.hra
Const_Sensitive_Year1_NCAcuteRisk.csv
Const_Sensitive_Year1_NCAcuteRiskSumByRec.csv
Const_Sensitive_Year1_NCChronicRisk.csv
Const_Sensitive_Year1_NCChronicRiskSumByRec.csv
Const_Sensitive_Year1_Output.txt
Const_Sensitive_Year1_PathwayRec.csv
Const_Sensitive_Year1_PolDB.csv
Const_Sensitive_Year2_CancerRisk.csv
Const_Sensitive_Year2_CancerRiskSumByRec.csv
Const_Sensitive_Year2_GLCList.csv
Const_Sensitive_Year2_HRAInput.hra
Const_Sensitive_Year2_NCAcuteRisk.csv
Const_Sensitive_Year2_NCAcuteRiskSumByRec.csv
Const_Sensitive_Year2_NCChronicRisk.csv
Const_Sensitive_Year2_NCChronicRiskSumByRec.csv
Const_Sensitive_Year2_Output.txt
Const_Sensitive_Year2_PathwayRec.csv
Const_Sensitive_Year2_PolDB.csv

Spatial averaging files (\sa\)

_____

APPENDIX C

ENERGY CALCULATIONS

Construction Off-Road Equipment										
Phase	**Off-Road Equipment Type**	**Amount**	**Usage Hour/Day**	**Total Usage Days**	**Total Usage Hours/Equipment**	**Horsepower**	**Load Factor**	**Total Usage Hours/ Equipment**	**Horsepower-Hour**	**Fuel Usage (gallons)**
Site Preparation	Rubber Tired Dozers	3	8	25	600	367	0.4	600	88,080	4,509.7
	Tractors/Loaders/Backhoes	4	8	25	800	84	0.37	800	24,864	1,273.0
Grading	Graders	1	8	70	560	148	0.41	560	33,981	1,739.8
	Excavators	2	8	70	1,120	36	0.38	1,120	15,322	784.5
	Tractors/Loaders/Backhoes	2	8	70	1,120	84	0.37	1,120	34,810	1,782.3
	Scrapers	2	8	70	1,120	423	0.48	1,120	227,405	11,643.1
	Rubber Tired Dozers	1	8	70	560	367	0.4	560	82,208	4,209.0
Building Construction	Forklifts	3	8	245	5,880	82	0.2	5,880	96,432	4,937.3
	Generator Sets	1	8	245	1,960	14	0.74	1,960	20,306	1,039.6
	Cranes	1	7	245	1,715	367	0.29	1,715	182,527	9,345.4
	Welders	1	8	245	1,960	46	0.45	1,960	40,572	2,077.3
	Tractors/Loaders/Backhoes	3	7	245	5,145	84	0.37	5,145	159,907	8,187.2
Paving	Pavers	2	8	40	640	81	0.42	640	21,773	1,114.8
	Paving Equipment	2	8	40	640	89	0.36	640	20,506	1,049.9
	Rollers	2	8	40	640	36	0.38	640	8,755	448.3
Architectural Coating	Air Compressors	1	6	105	630	37	0.48	630	11,189	572.9
									Total	**54,714.1** Diesel

Construction Truck and Construction Worker Vehicle Fuel Efficiency				
		EMFAC 2025 Outputs		
Vehicle Type	Vehicle Class	Fuel Consumption (1,000 gallons/day)	VMT (miles/ day)	Fuel Efficency (miles/gallon)
Construction Truck	MHDT	13.8	119,042.0	8.6
	HHDT	65.6	411,838.0	6.3
	HHDT/MHDT	-	-	7.5
Construction Worker Vehicle	LDA	67.0	1,734,002.0	25.9
	LDT1	10.1	220,486.0	21.9
	LDT2	55.9	1,234,531.0	22.1
	Worker Mix	-	-	24.0

Notes:

[1] For construction trucks assumes 50 percent HHDT and 50 percent MHDT vehicles, consistent with assumptions in CalEEMod for hauling trucks. For construction worker vehicles assumes 50 percent LDA, 25 percent LDT1, and 25 percent LDT2 vehicles, consistent with assumptions in CalEEMod for worker vehicles.

[2] EMFAC2025 was run for Yolo County for the construction year 2027. Data was aggregated over all vehicle model years and speed bins.

[3] The fuel efficiency was calculated by dividing the VMT (miles/day) by the fuel consumption (gallons/day).

Construction Vehicle Fuel Use - Diesel Vehicles						
Phase	Trip Type	Total Trips	Trip Length (miles)	Total VMT	Diesel Fuel Effiency (miles/gallon)	Fuel Usage (gallons/year)
Grading	Hauling	21,980.0	20	439,600.0	6.3	69,777.78
Building Construction	Vendor	13,720.0	8.8	120,736.0	7.5	16,098.1
					Total	**85,875.9**

Diesel

[1] Assumes 100 percent HHDT vehicles for haul trucks and 50 percent HHDT/50 percent MHDT vehicles for MHDT, consistent with assumptions in CalEEMod.

[2] EMFAC2025 was run for Yolo County for the construction year 2027. Data was aggregated over all vehicle model years and speed bins.

[3] The fuel efficiency was calculated by dividing the VMT (miles/day) by the fuel consumption (gallons/day).

Construction Worker Vehicle Fuel Use - Gasoline Vehicles							
Phase	Total One-Way Trips/Day	Total Days	Total Trips	Trip Length (miles)	Total VMT	Gasoline Fuel Effiency (miles/gallon)	Fuel Usage (gallons/year)
Site Preparation	18	25	900	14.3	12,870	24.0	537.2
Grading	20	70	2,800	14.3	40,040	24.0	1,671.4
Building Construction	93	245	45,570	14.3	651,651	24.0	27,202.0
Paving	15	40	1,200	14.3	17,160	24.0	716.3
Architectural Coating	19	105	3,990	14.3	57,057	24.0	2,381.7
						Total	**32,508.7**

Gas

Total Construction Gasoline Usage	**32,508.7**
Total Construction Diesel Usage	**140,590.0**

Unrefrigerated Warehouse Operational Trips - Vehicles and Light Duty Trucks Only			
Vehicle Class	CalEEMod	Total Project Trips	Total Trips per Vehicle Class
LDA	0.4402	2,422	1066.2
LDT1	0.04608	2,422	111.6
LDT2	0.2228	2,422	539.6
MDV	0.1683	2,422	407.6
LHD1	0.04298	2,422	104.1
LHD2	0.009197	2,422	22.3
MHD	0.01978	2,422	47.9
HHD	0.01552	2,422	37.6
OBUS	0.0009073	2,422	2.2
UBUS	0.0009537	2,422	2.3
MCY	0.02903	2,422	70.3
SBUS	0.0009503	2,422	2.3
MH	0.003272	2,422	7.9

Proposed Project Operational Trips – Fuel Efficiency					
Fuel	Vehicle Class	EMFAC2025 Outputs			
		Fleet Mix (%)2	Fuel Consumption (1,000 gallons/day)	VMT (miles/day)	Fuel Efficiency3 (miles/gallon)
Gas	LDA	44%	75.2	2,012,209.0	11.7
	LDT1	5%	9.8	217,186.0	1.0
	LDT2	28%	56.3	1,261,648.0	6.2
	MDV	20%	51.8	938,046.0	3.7
	LHD1	3%	12.7	125,604.0	0.3
	MCY	1%	0.7	26,141.1	0.2
	MH	0%	1.1	5,010.1	0.0
	Fleet Mix	–	–	–	23.2
Diesel	LHD2	12%	5.2	72,916.2	1.7
	MHDT	20%	13.7	120,467.6	1.8
	HHDT	68%	64.5	411,787.9	4.3
	Fleet Mix	–	–	–	7.8

Notes:

[1] EMFAC2025 was run for Yolo County for the operational year 2028. Data was aggregated over all vehicle model years and speed bins.

[2] Fleet mix is based on assumptions made in CalEEMod for the proposed project.

[3] The fuel efficiency was calculated by dividing the VMT (miles/day) by the fuel consumption (gallons/day).

Proposed Project Operational Trips – Fuel Usage						
Land Use	Total Annual VMT2 (miles/year)	Fuel Type	Portion of Fleet3 (%)	VMT by Fuel Type (miles/year)	Fleet Mix Efficiency4 (miles/gallon)	Fuel Usage (gallons/ year)
Proposed Project	11,391,403.0	Gas	95%	10,873,846.0	23.2	469,540.7
		Diesel	4%	506,883.3	7.8	65,028.3
					Total Gasoline/year	**469,540.7**
					Total Diesel/year	**65,028.3**

Notes:

[1] Calculated for operational year 2028 only. Future years will likely use less fuel due to more efficient cars.

[2] Total VMT is based on project's trip generation and trip lengths.

[3] Fleet distribution is based on EMFAC2025 output and CalEEMod assumptions.

[4] Fuel efficiency is based on fuel consumption and VMT data from EMFAC2025 for Yolo County and total VMT.

Electricity Usage	
Electricity by Land Use	**kWh/year**
Single Family Housing	2,208,159.0
City Park	-
Othe Asphalt Surfaces	-
Total	**2,208,159.0**

Natural Gas Usage			
Natural Gas by Land Use	**kBTU/year**	**BTU/year**	**therms/year**
Single Family Housing	-	-	-
City Park			
Othe Asphalt Surfaces			
Total	**-**	**-**	**-**

Natural Gas to Electricity Consumption

CalEEMod Default Energy Data

	Total Annual Consumption		Subject to Title 24 Standards		Not Subject to Title 24	
Land Use Subtype	Electricity (kWh/year)	Natural Gas (kBTU/year)	Electricity (kWh/year)	Natural Gas (kBTU/year)	Electricity (kWh/year)	Natural Gas (kBTU/year)
single family housing	2,208,159	7,534,317	598,467	7,138,190	1,609,691	396,126
Parking Lot	0		0			

1 kWh = 3,412 BTUs

Energy Data Adjusted to use no Natural Gas

	Total Annual Consumption		Subject to Title 24 Standards		Not Subject to Title 24	
Land Use Subtype	Electricity (kWh/year)	Natural Gas (kBTU/year)	Electricity (kWh/year)	Natural Gas (kBTU/year)	Electricity (kWh/year)	Natural Gas (kBTU/year)
Apartments Low Rise	4,416,341	0	2,690,551	0	1,725,789	0
Parking Lot	0		0			