APPENDIX H
NOISE DATA

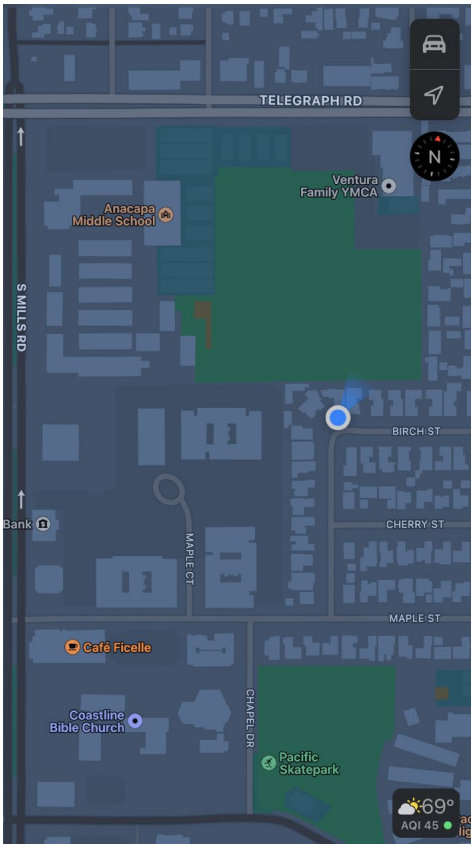
Site Number: NM-1	
Recorded By: Darshan Shivaiah, Dennis Dinh	
Job Number: 196991	
Date: 9/20/2023	
Time: 10:58 AM	
Location: In front of 3715 Birch Street	
Source of Ambient Noise: Vehicles passing by	

Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
48.3	62.0	43.2

Equipment						
Category	**Type**	**Vendor**	**Model**	**Serial No.**	**Cert. Date**	**Note**
Sound	Sound Level Meter	**Brüel & Kjær**	**2250**	**3011133**	**06/04/2023**	
	Microphone	**Brüel & Kjær**	**4189**	**3086765**	**06/04/2023**	
	Preamp	**Brüel & Kjær**	**ZC 0032**	**25380**	**06/04/2023**	
	Calibrator	**Brüel & Kjær**	**4231**	**2545667**	**06/04/2023**	

Weather Data			
Est.	**Duration:** 10 minutes		**Sky:** Sunny
	Note: dBA Offset = 0.03		**Sensor Height (ft):** 5 ft
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (inches)**
	6 mph	69	29.86

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		09/20/2023 10:58:03
End Time:		09/20/2023 11:08:57
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.22

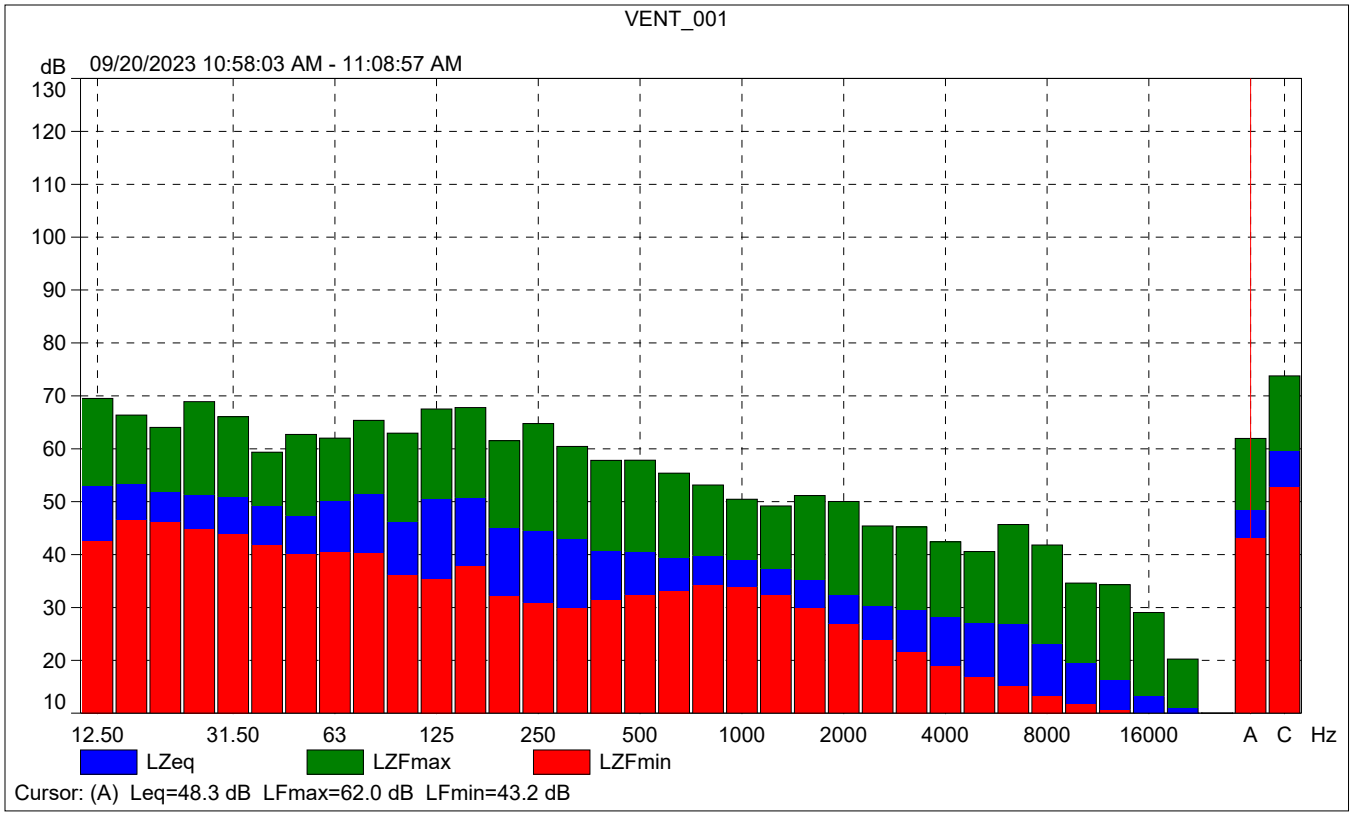
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

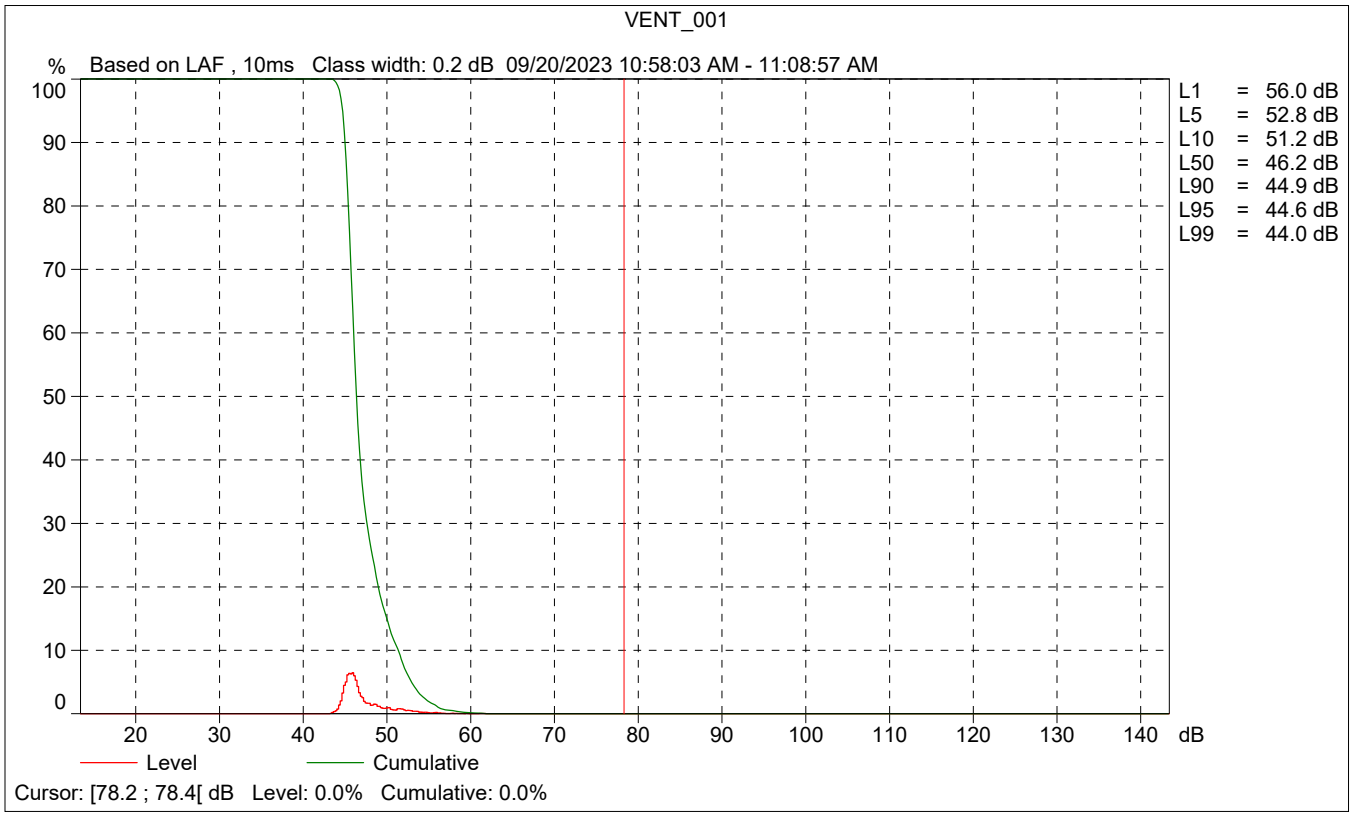
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

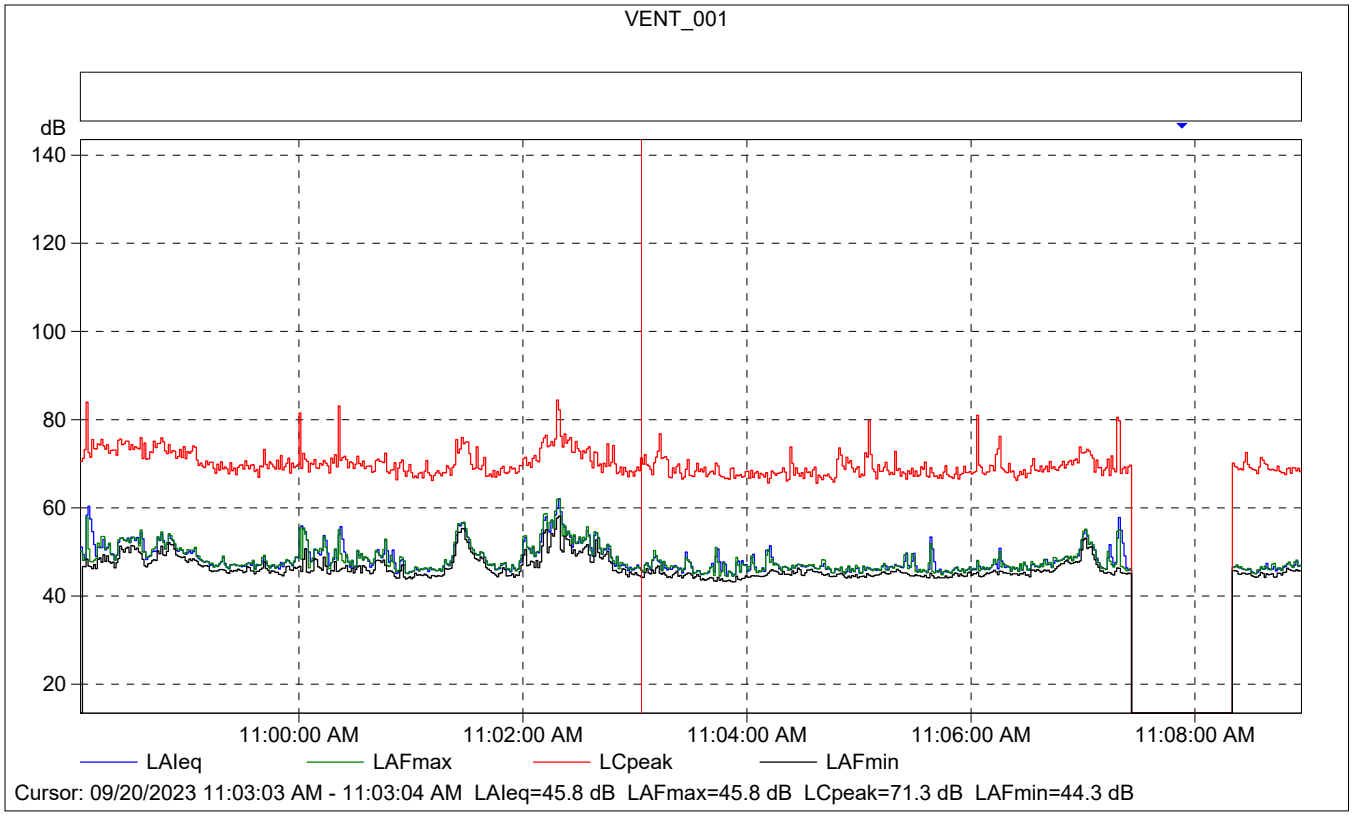
Calibration Time:		09/20/2023 10:56:35
Calibration Type:		External reference
Sensitivity:		43.111190199852 mV/Pa

VENT_001

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	48.3	62.0	43.2
Time	10:58:03 AM	11:08:57 AM	0:10:00				
Date	09/20/2023	09/20/2023					

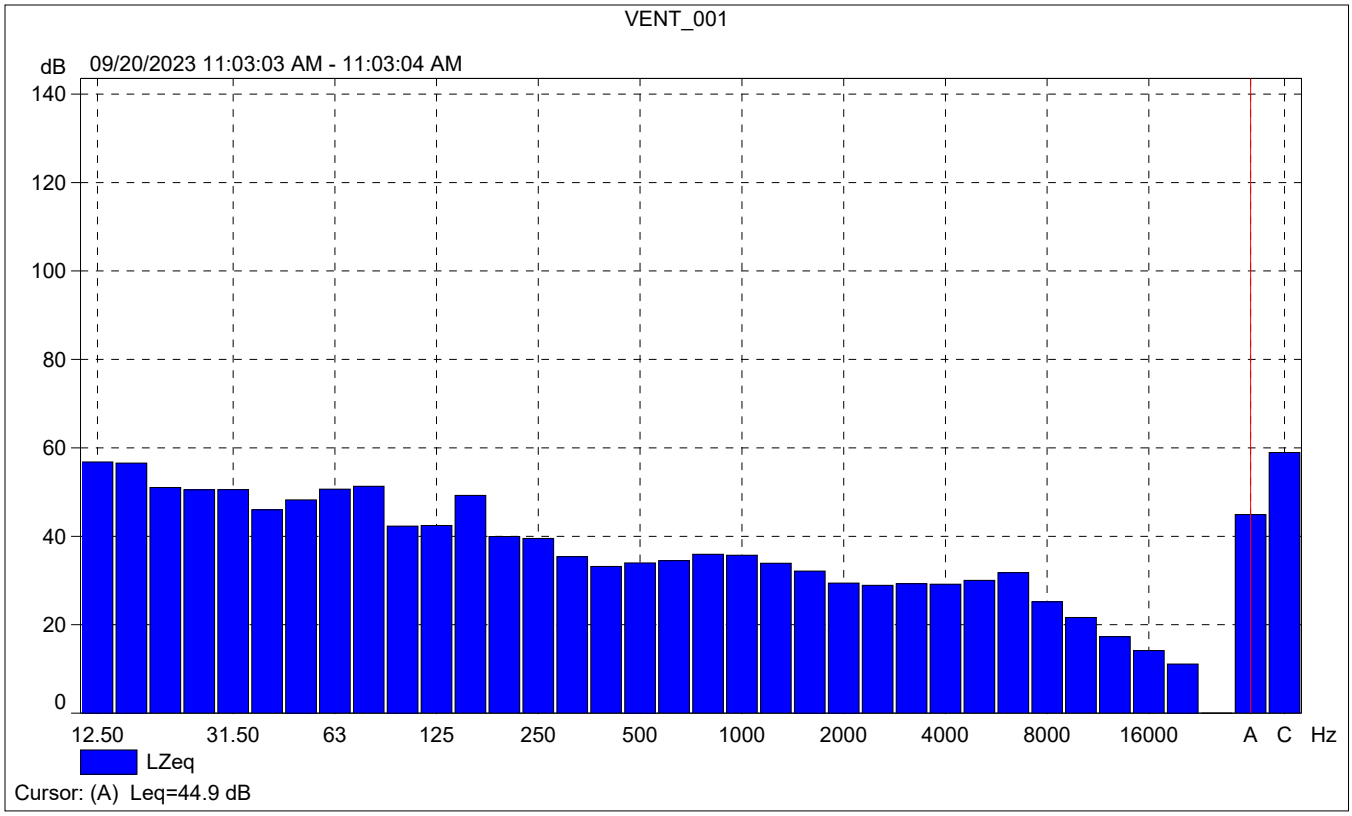

VENT_001
dB
09/20/2023 10:58:03 AM - 11:08:57 AM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=48.3 dB LFmax=62.0 dB LFmin=43.2 dB

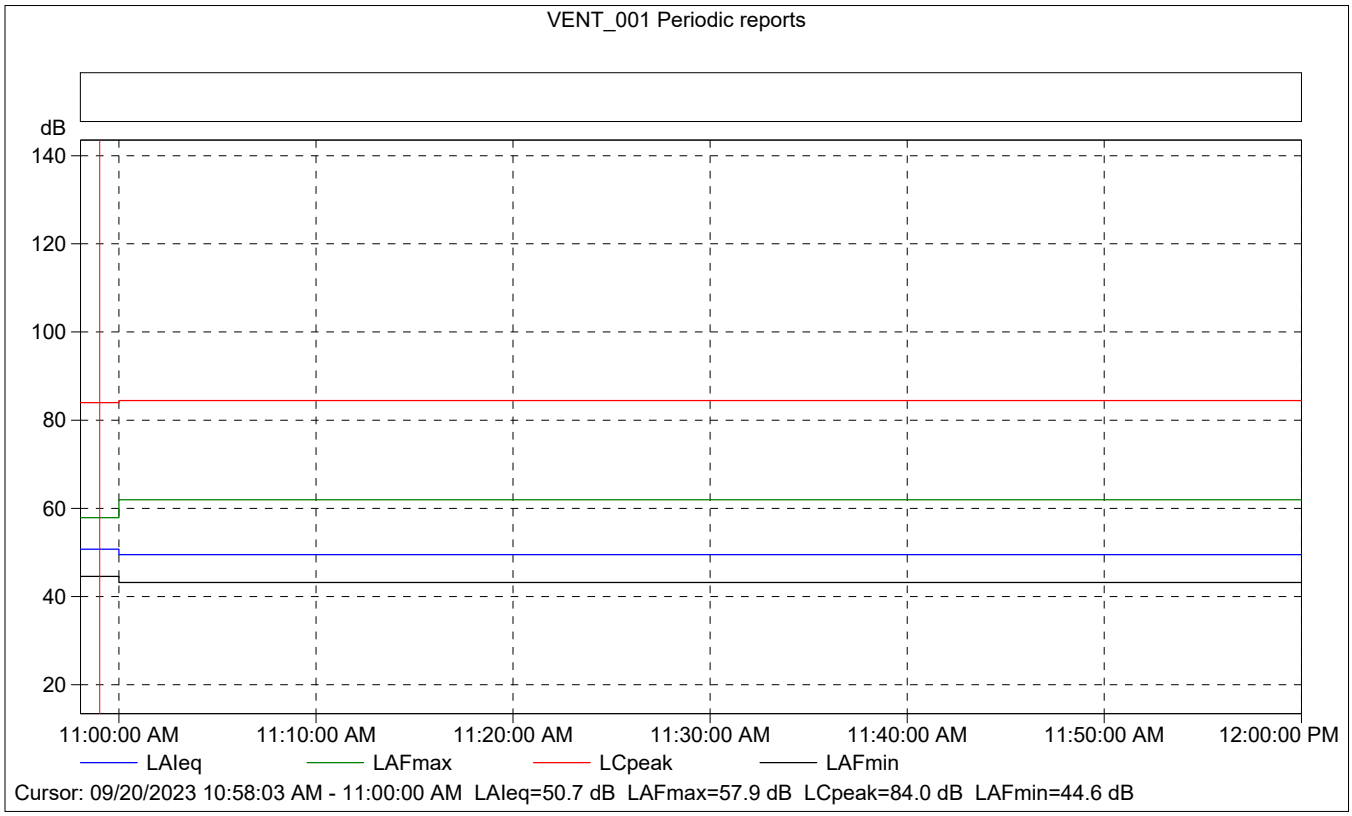

VENT_001
%
Based on LAF , 10ms Class width: 0.2 dB 09/20/2023 10:58:03 AM - 11:08:57 AM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 56.0 dB
L5 = 52.8 dB
L10 = 51.2 dB
L50 = 46.2 dB
L90 = 44.9 dB
L95 = 44.6 dB
L99 = 44.0 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.0%



VENT_001

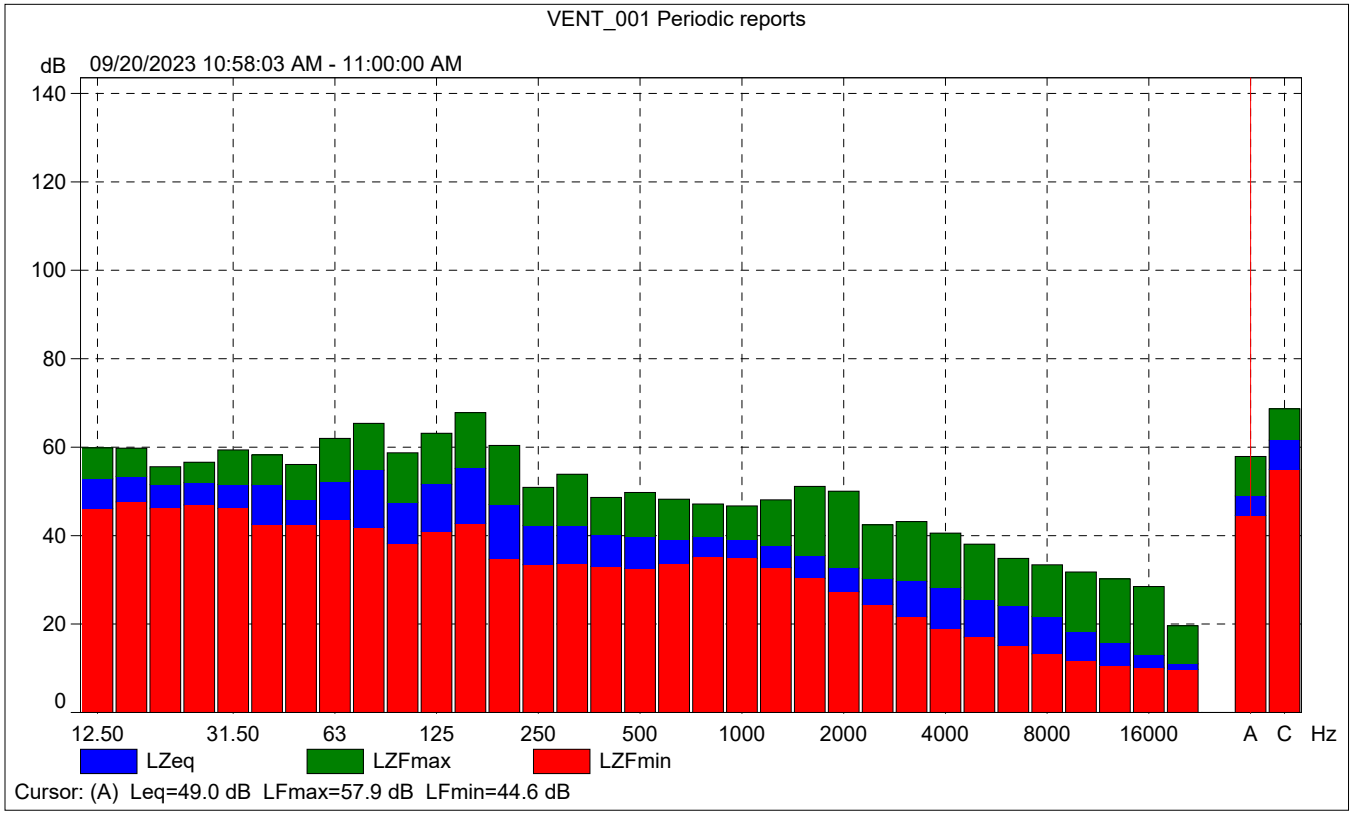
	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	45.8	45.8	44.3
Time	11:03:03 AM	0:00:01				
Date	09/20/2023					

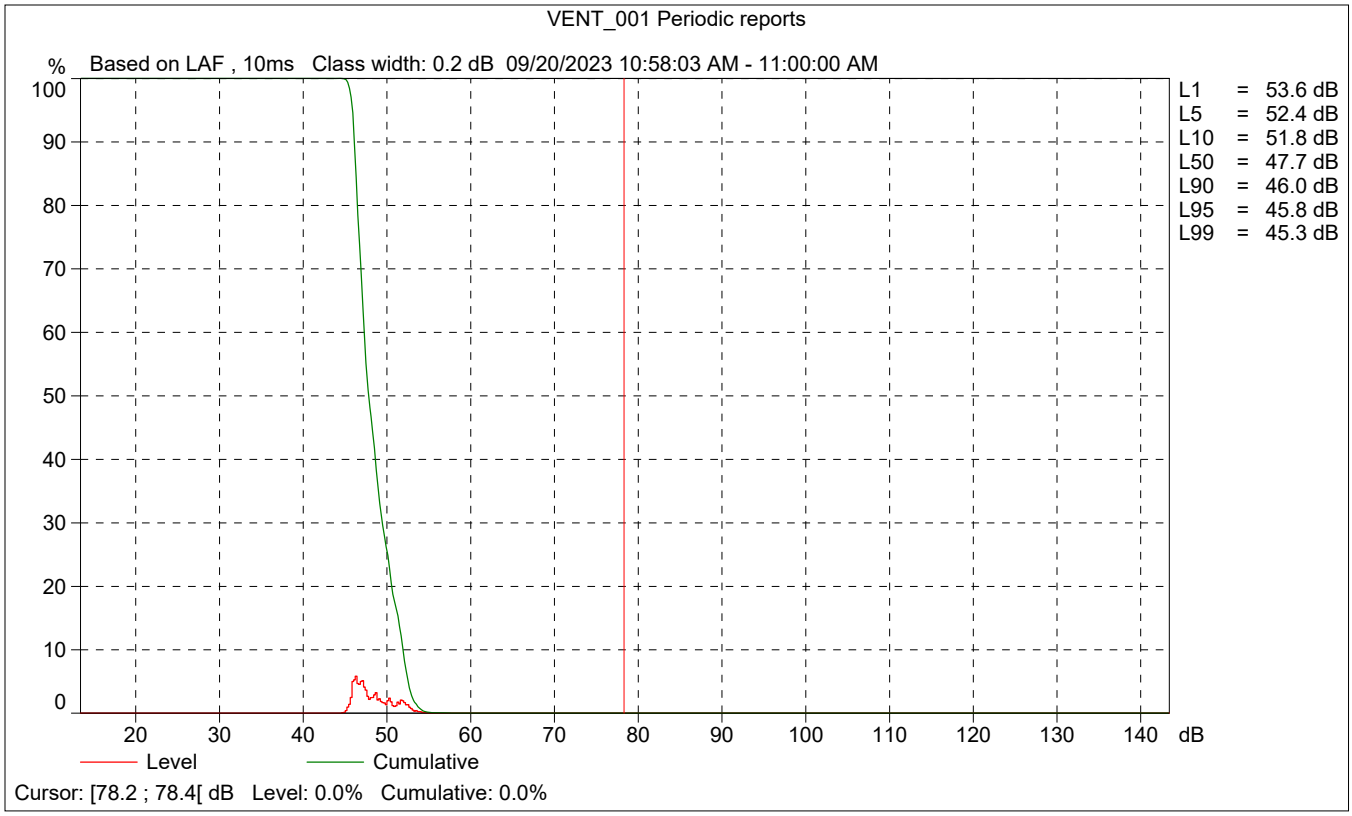

VENT_001
dB
09/20/2023 11:03:03 AM - 11:03:04 AM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=44.9 dB


VENT_001 Periodic reports
dB
140
120
100
80
60
40
20
11:00:00 AM
11:10:00 AM
11:20:00 AM
11:30:00 AM
11:40:00 AM
11:50:00 AM
12:00:00 PM
LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 09/20/2023 10:58:03 AM - 11:00:00 AM LAIeq=50.7 dB LAFmax=57.9 dB LCpeak=84.0 dB LAFmin=44.6 dB

VENT_001 Periodic reports

	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	50.7	57.9	44.6
Time	10:58:03 AM	0:01:57				
Date	09/20/2023					



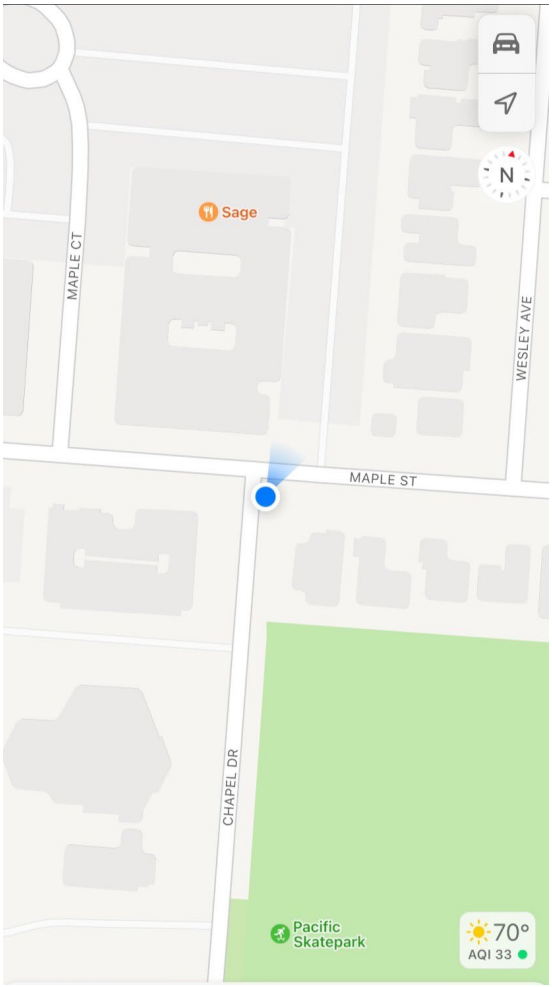

VENT_001 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 09/20/2023 10:58:03 AM - 11:00:00 AM
100
90
80
70
60
50
40
30
20
10
0
20 30 40 50 60 70 80 90 100 110 120 130 140 dB
L1 = 53.6 dB
L5 = 52.4 dB
L10 = 51.8 dB
L50 = 47.7 dB
L90 = 46.0 dB
L95 = 45.8 dB
L99 = 45.3 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.0%

Site Number: NM-2		
Recorded By: Darshan Shivaiah, Dennis Dinh		
Job Number: 196991		
Date: 4/10/2024		
Time: 1:03 PM		
Location: In front of 370 Chapel Drive		
Source of Ambient Noise: Vehicles passing by Maple Street, Airplane overhead		
Noise Data		
L_{eq} (dB)	**L_{max}(dB)**	**L_{min} (dB)**
64.0	87.0	46.1

Equipment						
Category	**Type**	**Vendor**	**Model**	**Serial No.**	**Cert. Date**	**Note**
Sound	Sound Level Meter	**Brüel & Kjær**	**2250**	**3011133**	**06/04/2023**	
	Microphone	**Brüel & Kjær**	**4189**	**3086765**	**06/04/2023**	
	Preamp	**Brüel & Kjær**	**ZC 0032**	**25380**	**06/04/2023**	
	Calibrator	**Brüel & Kjær**	**4231**	**2545667**	**06/04/2023**	

Weather Data			
Est.	**Duration:** 10 minutes		**Sky:** Sunny
	Note: dBA Offset = 0.03		**Sensor Height (ft):** 5 ft
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (inches)**
	4 mph	70	29.86

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		04/10/2024 13:03:32
End Time:		04/10/2024 13:13:32
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.19

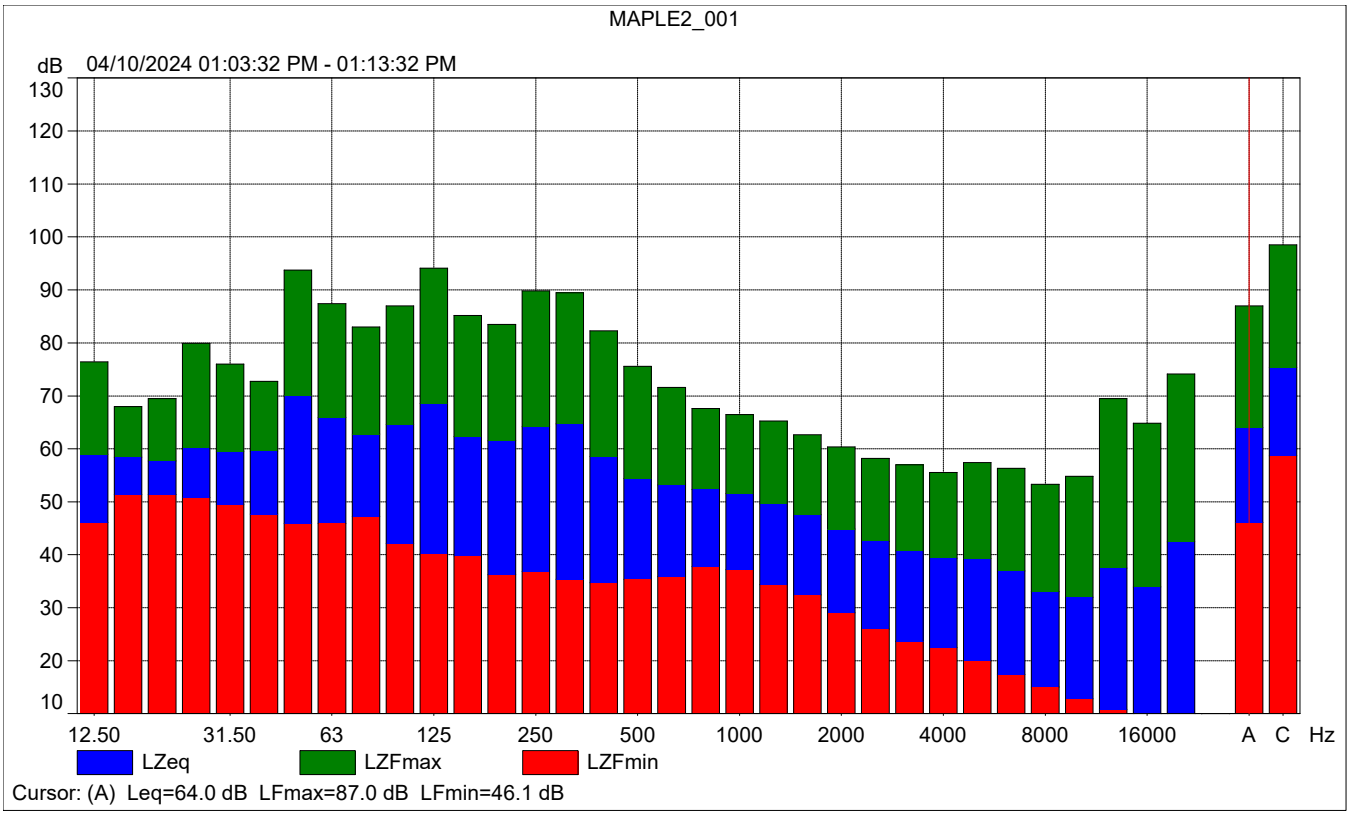
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

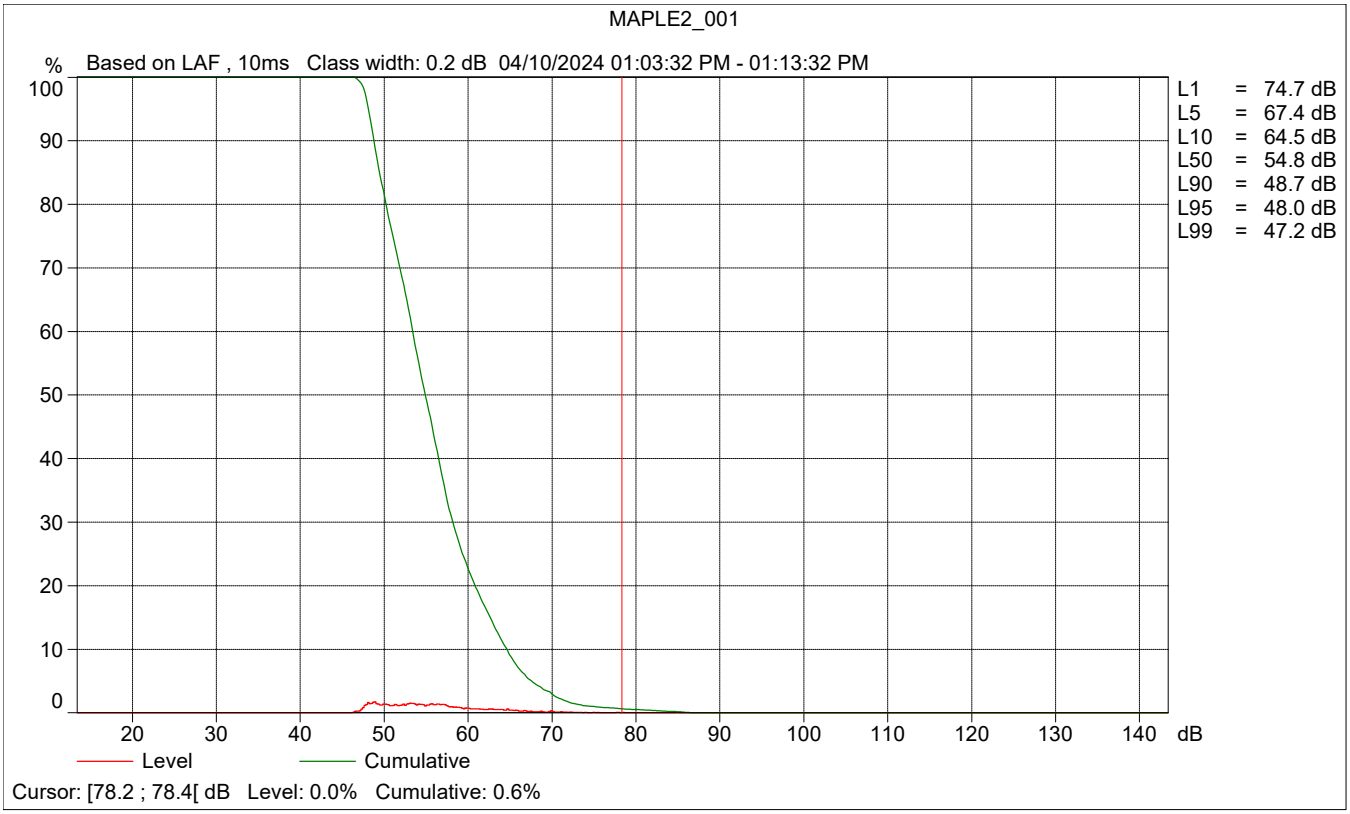
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

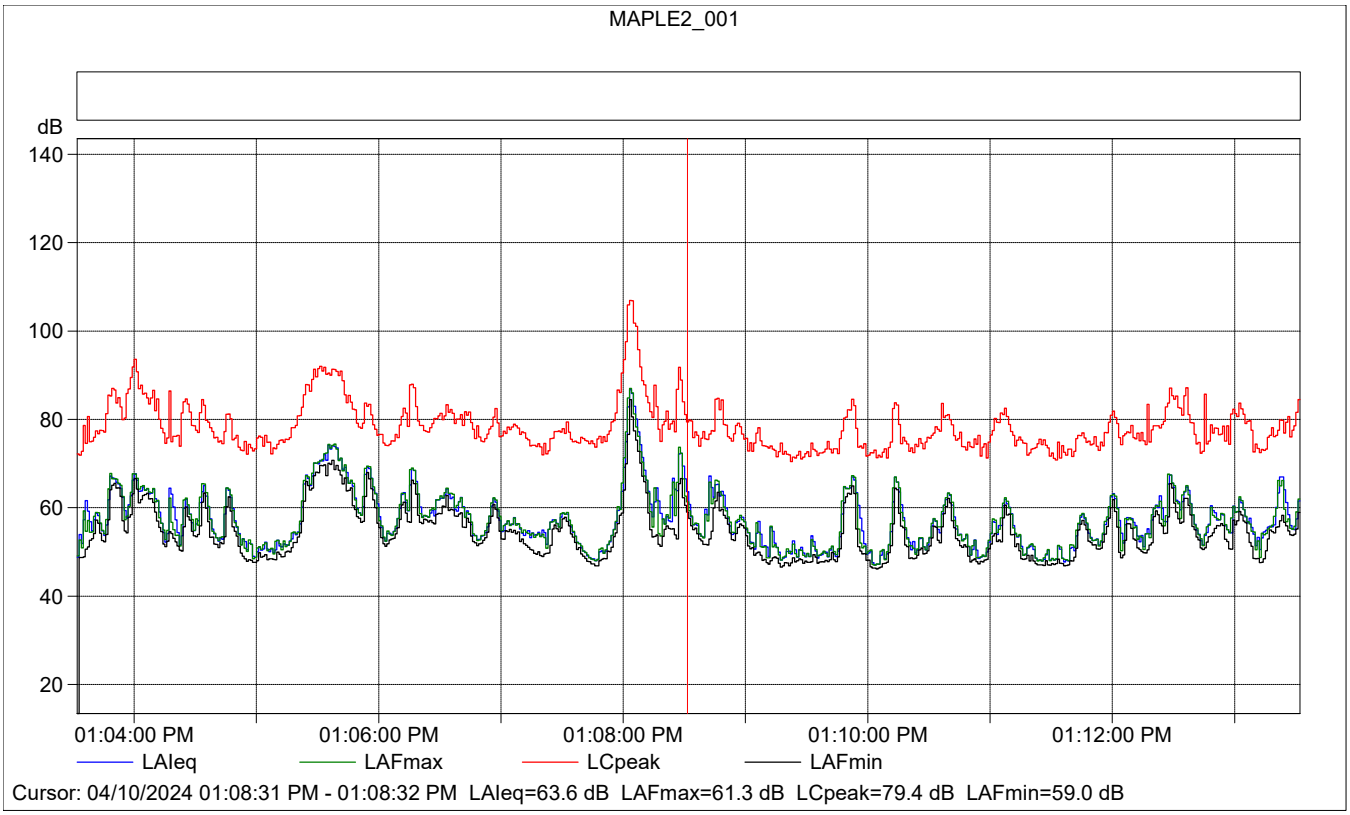
Calibration Time:		04/10/2024 10:43:45
Calibration Type:		External reference
Sensitivity:		43.2653278112412 mV/Pa

MAPLE2_001

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	64.0	87.0	46.1
Time	01:03:32 PM	01:13:32 PM	0:10:00				
Date	04/10/2024	04/10/2024					

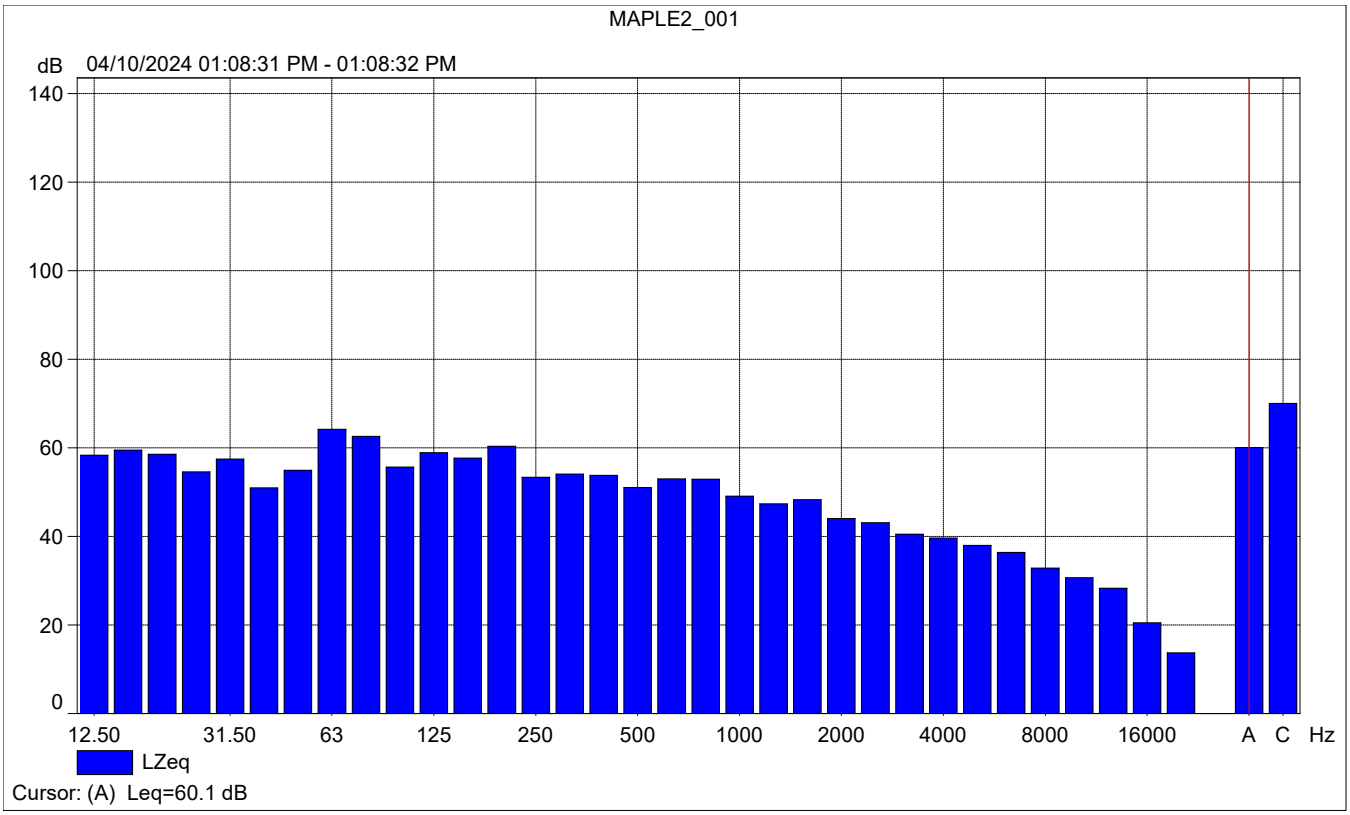

MAPLE2_001
dB
04/10/2024 01:03:32 PM - 01:13:32 PM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=64.0 dB LFmax=87.0 dB LFmin=46.1 dB

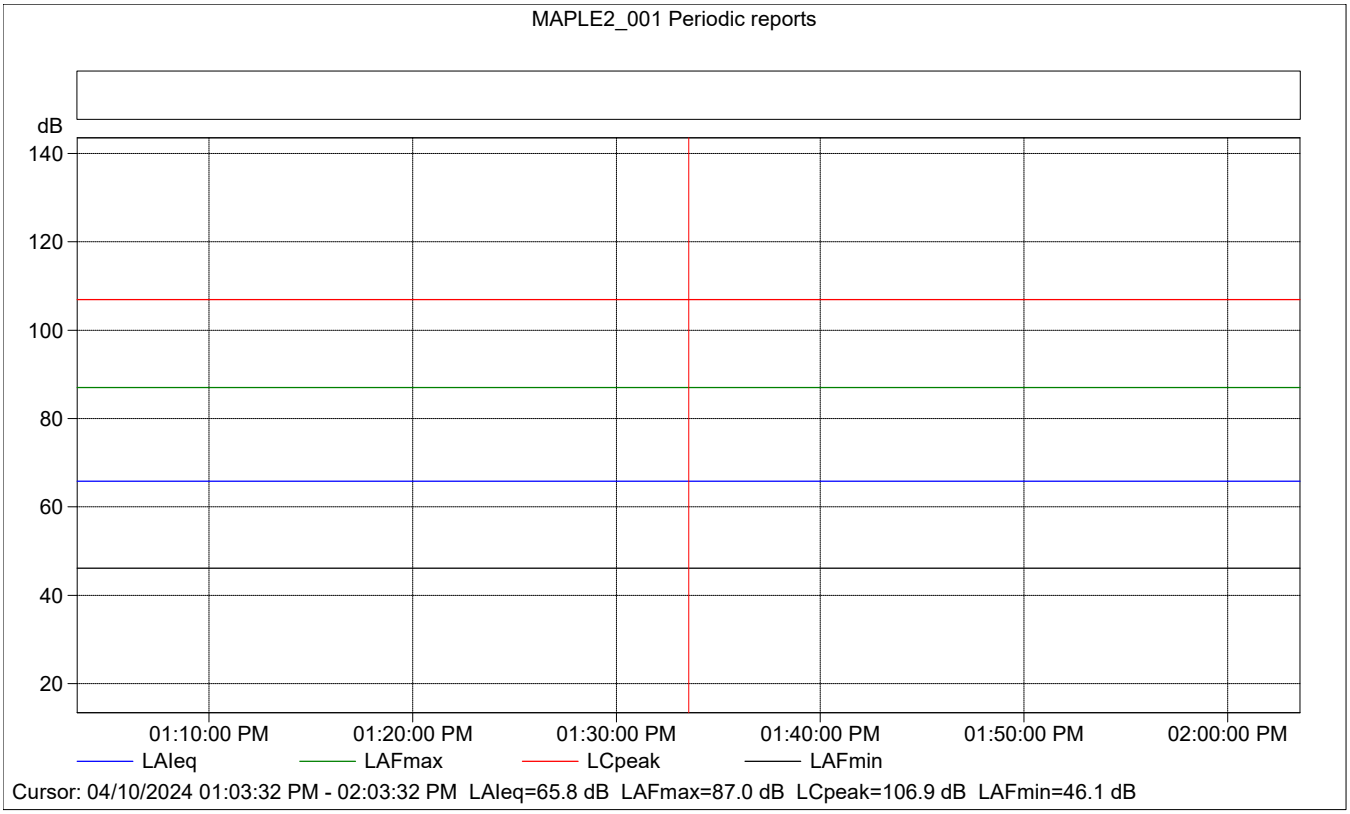

MAPLE2_001
%
Based on LAF , 10ms Class width: 0.2 dB 04/10/2024 01:03:32 PM - 01:13:32 PM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 74.7 dB
L5 = 67.4 dB
L10 = 64.5 dB
L50 = 54.8 dB
L90 = 48.7 dB
L95 = 48.0 dB
L99 = 47.2 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.6%



MAPLE2_001

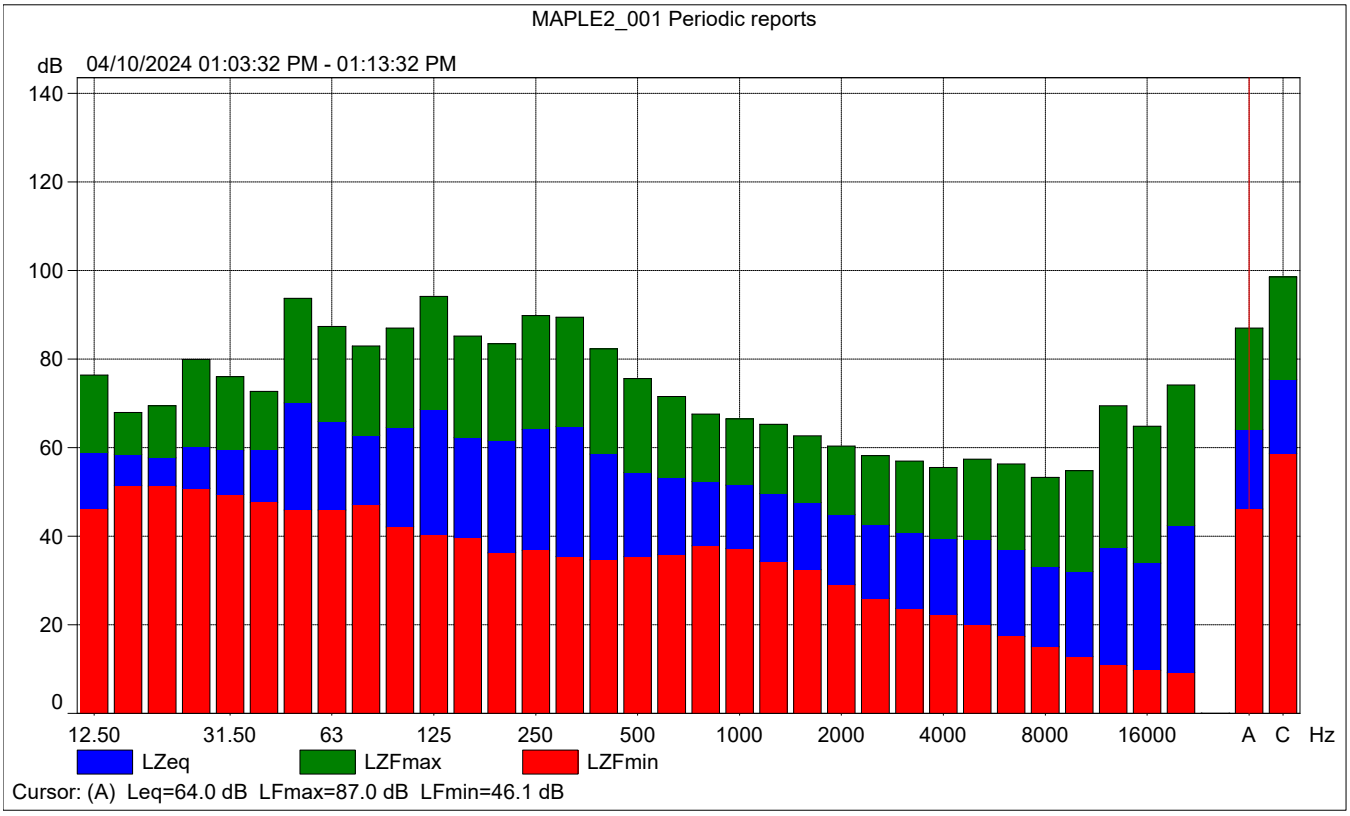
	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	63.6	61.3	59.0
Time	01:08:31 PM	0:00:01				
Date	04/10/2024					

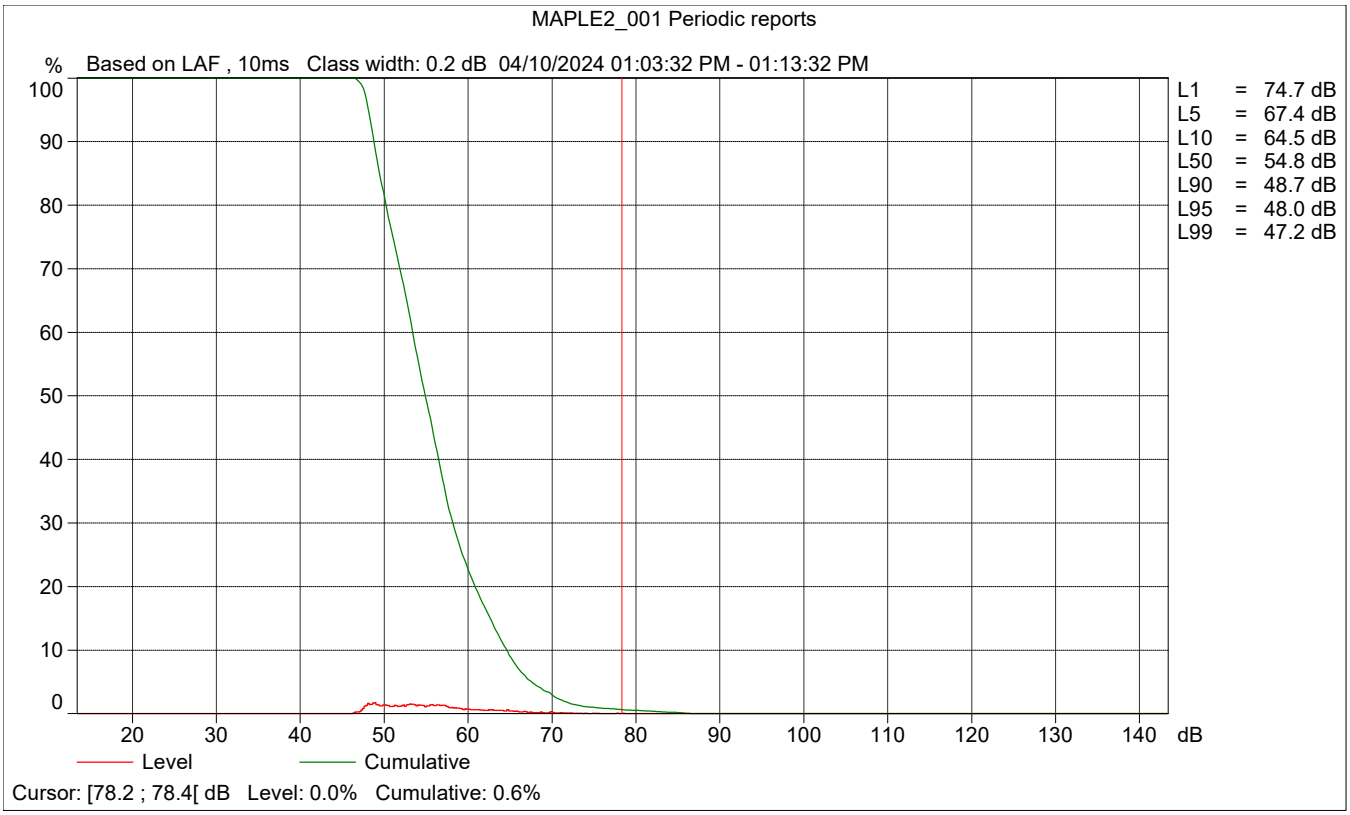

MAPLE2_001
dB
04/10/2024 01:08:31 PM - 01:08:32 PM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=60.1 dB


MAPLE2_001 Periodic reports
dB
140
120
100
80
60
40
20
01:10:00 PM
01:20:00 PM
01:30:00 PM
01:40:00 PM
01:50:00 PM
02:00:00 PM
LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 04/10/2024 01:03:32 PM - 02:03:32 PM LAIeq=65.8 dB LAFmax=87.0 dB LCpeak=106.9 dB LAFmin=46.1 dB

MAPLE2_001 Periodic reports

	Start time	Elapsed time	Overload [%]	LAleq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	65.8	87.0	46.1
Time	01:03:32 PM	0:10:00				
Date	04/10/2024					




MAPLE2_001 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 04/10/2024 01:03:32 PM - 01:13:32 PM
100
90
80
70
60
50
40
30
20
10
0
20 30 40 50 60 70 80 90 100 110 120 130 140 dB
L1 = 74.7 dB
L5 = 67.4 dB
L10 = 64.5 dB
L50 = 54.8 dB
L90 = 48.7 dB
L95 = 48.0 dB
L99 = 47.2 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.6%

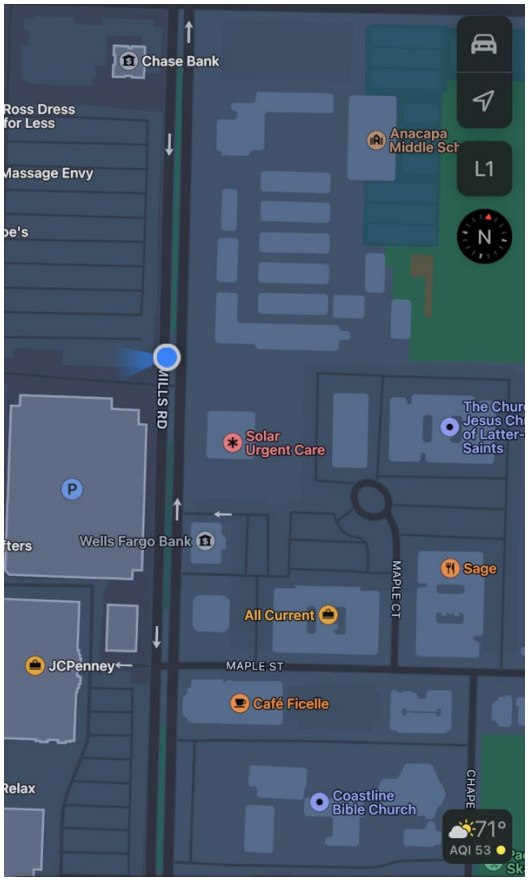
Site Number: NM-3	
Recorded By: Darshan Shivaiah, Dennis Dinh	
Job Number: 196991	
Date: 9/20/2023	
Time: 11:53 AM	
Location: Northeast corner of Solar Urgent Care; along South Mills Road	
Source of Ambient Noise: Vehicles passing by South Mills Road	

Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
68.8	85.7	49.2

Equipment						
Category	**Type**	**Vendor**	**Model**	**Serial No.**	**Cert. Date**	**Note**
Sound	Sound Level Meter	**Brüel & Kjær**	**2250**	**3011133**	**06/04/2023**	
	Microphone	**Brüel & Kjær**	**4189**	**3086765**	**06/04/2023**	
	Preamp	**Brüel & Kjær**	**ZC 0032**	**25380**	**06/04/2023**	
	Calibrator	**Brüel & Kjær**	**4231**	**2545667**	**06/04/2023**	

Weather Data			
Est.	**Duration:** 10 minutes		**Sky:** Sunny
	Note: dBA Offset = 0.03		**Sensor Height (ft):** 5 ft
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (inches)**
	6 mph	69	29.86

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		09/20/2023 11:53:38
End Time:		09/20/2023 12:03:38
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.22

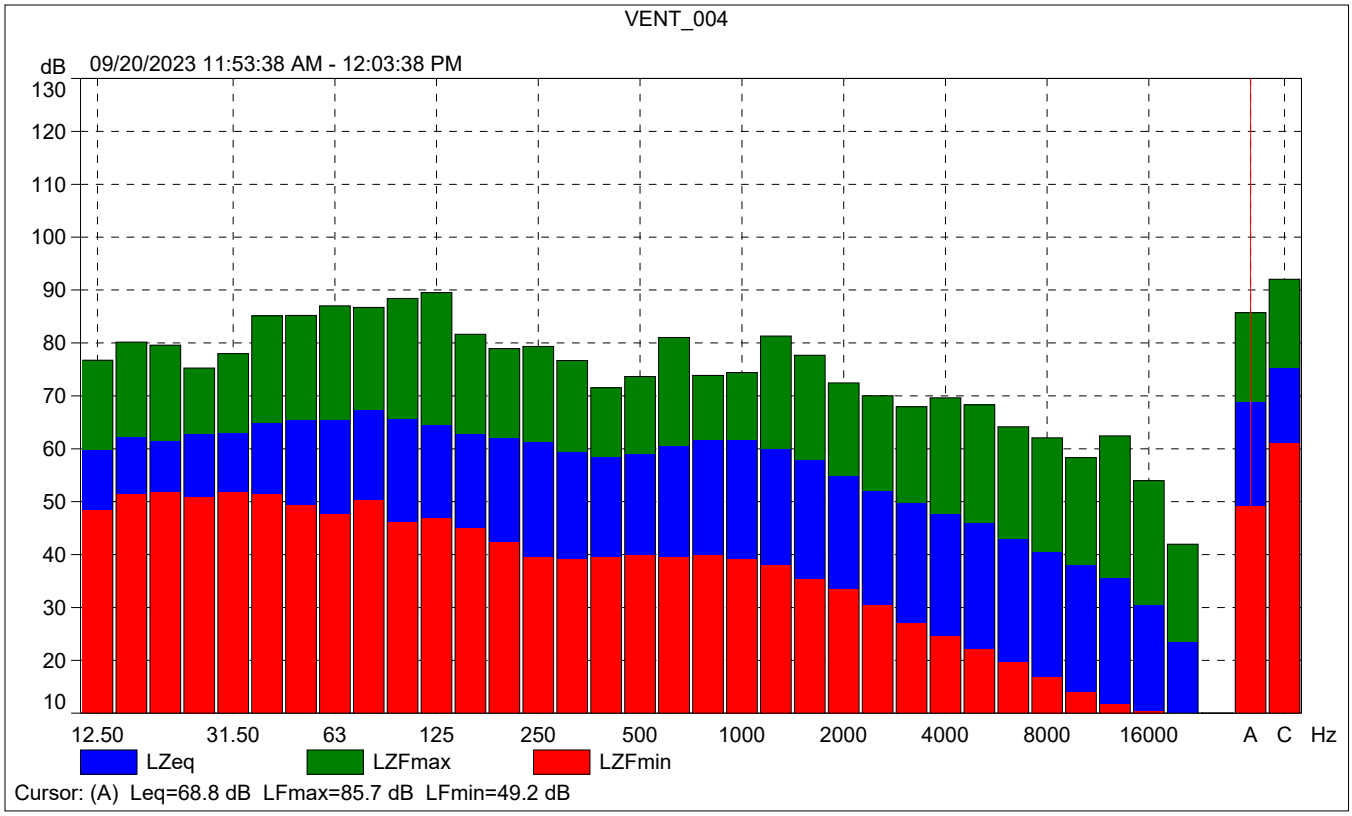
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

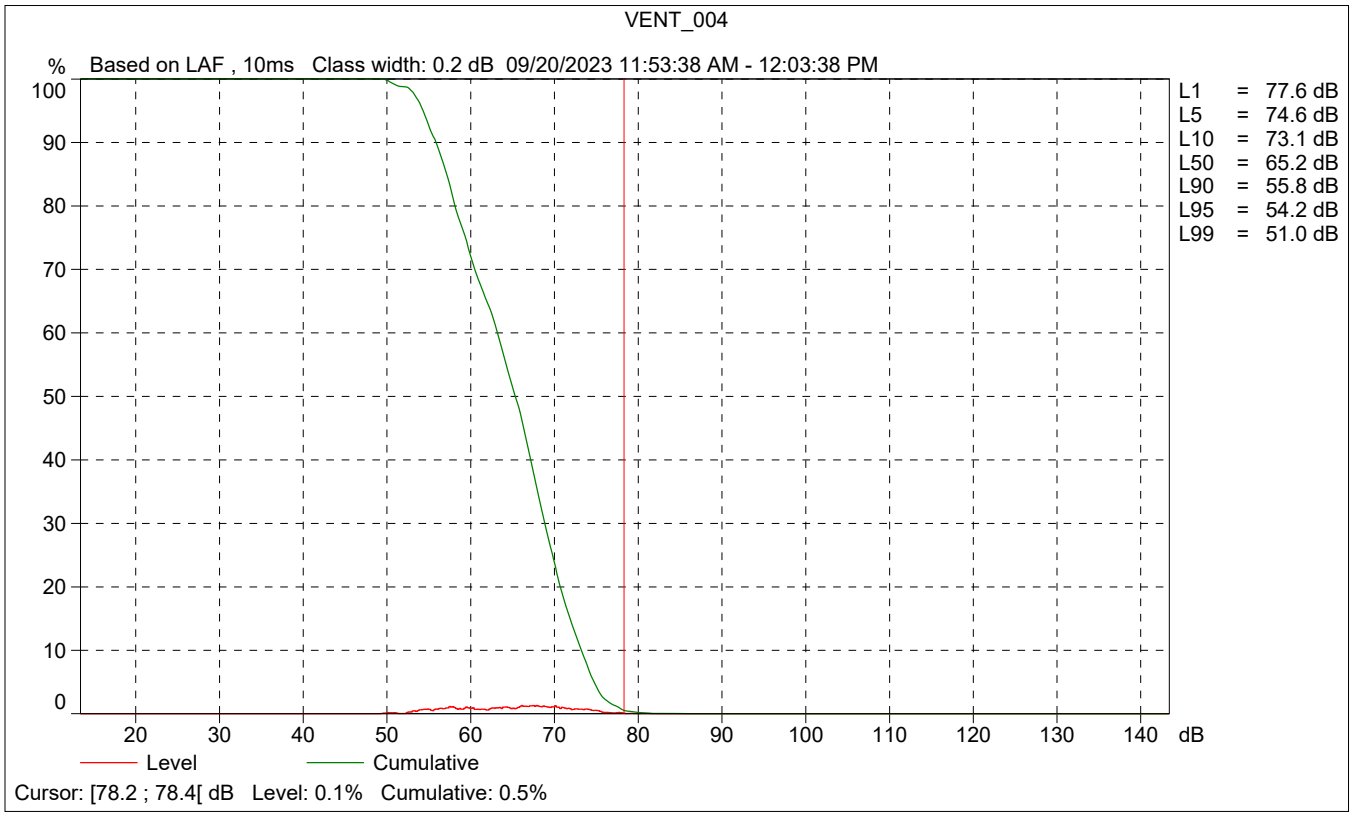
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

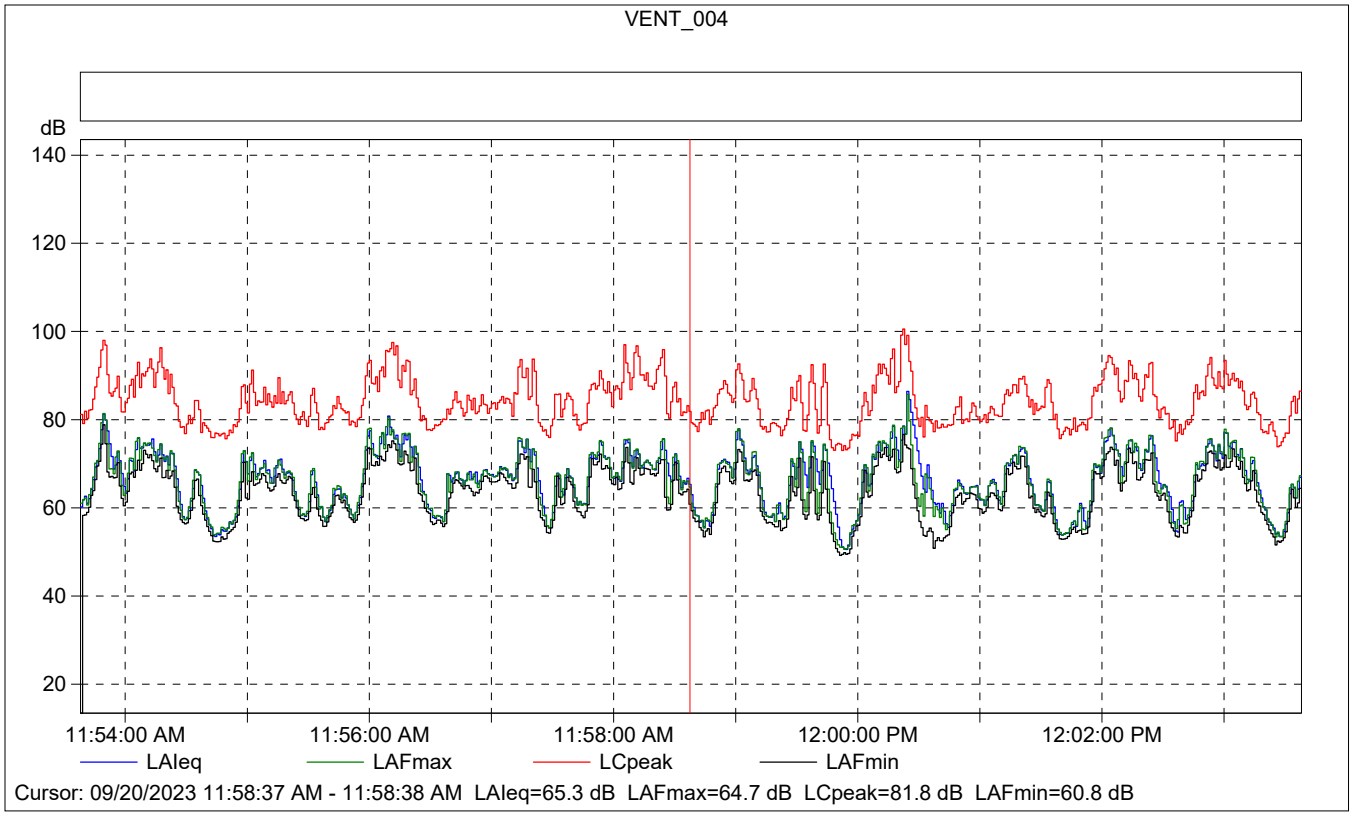
Calibration Time:		09/20/2023 10:56:35
Calibration Type:		External reference
Sensitivity:		43.111190199852 mV/Pa

VENT_004

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	68.8	85.7	49.2
Time	11:53:38 AM	12:03:38 PM	0:10:00				
Date	09/20/2023	09/20/2023					

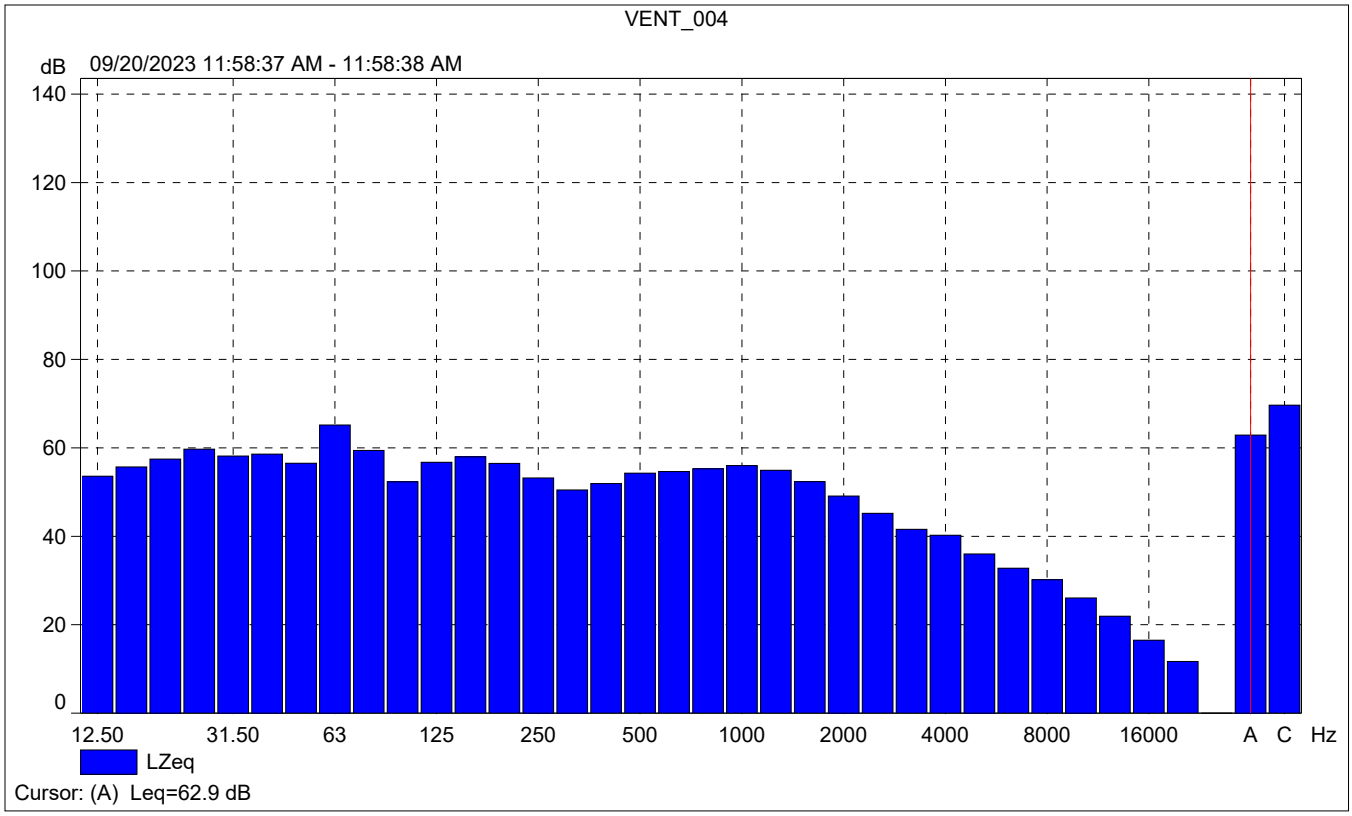

VENT_004
dB
09/20/2023 11:53:38 AM - 12:03:38 PM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=68.8 dB LFmax=85.7 dB LFmin=49.2 dB

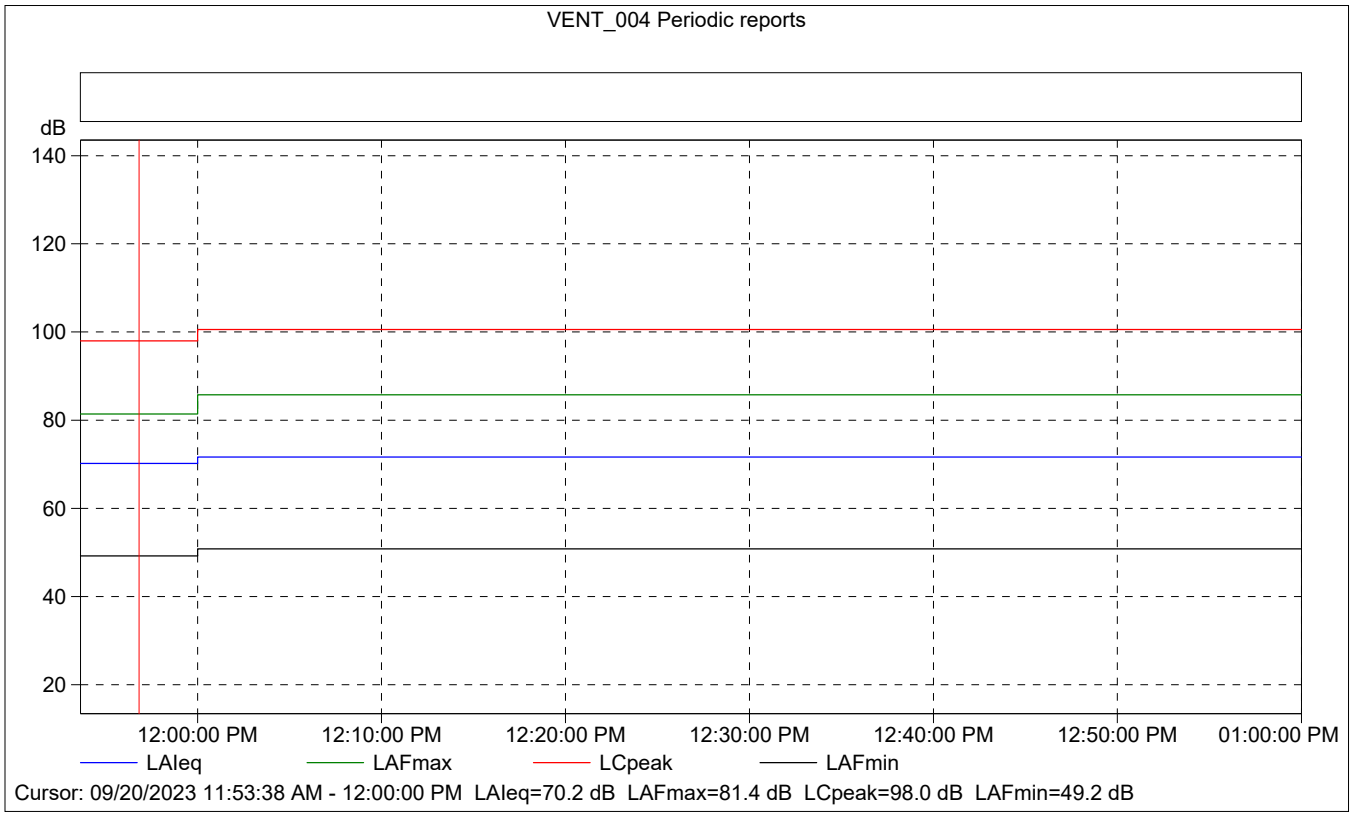

VENT_004
%
Based on LAF , 10ms Class width: 0.2 dB 09/20/2023 11:53:38 AM - 12:03:38 PM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 77.6 dB
L5 = 74.6 dB
L10 = 73.1 dB
L50 = 65.2 dB
L90 = 55.8 dB
L95 = 54.2 dB
L99 = 51.0 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.1% Cumulative: 0.5%



VENT_004

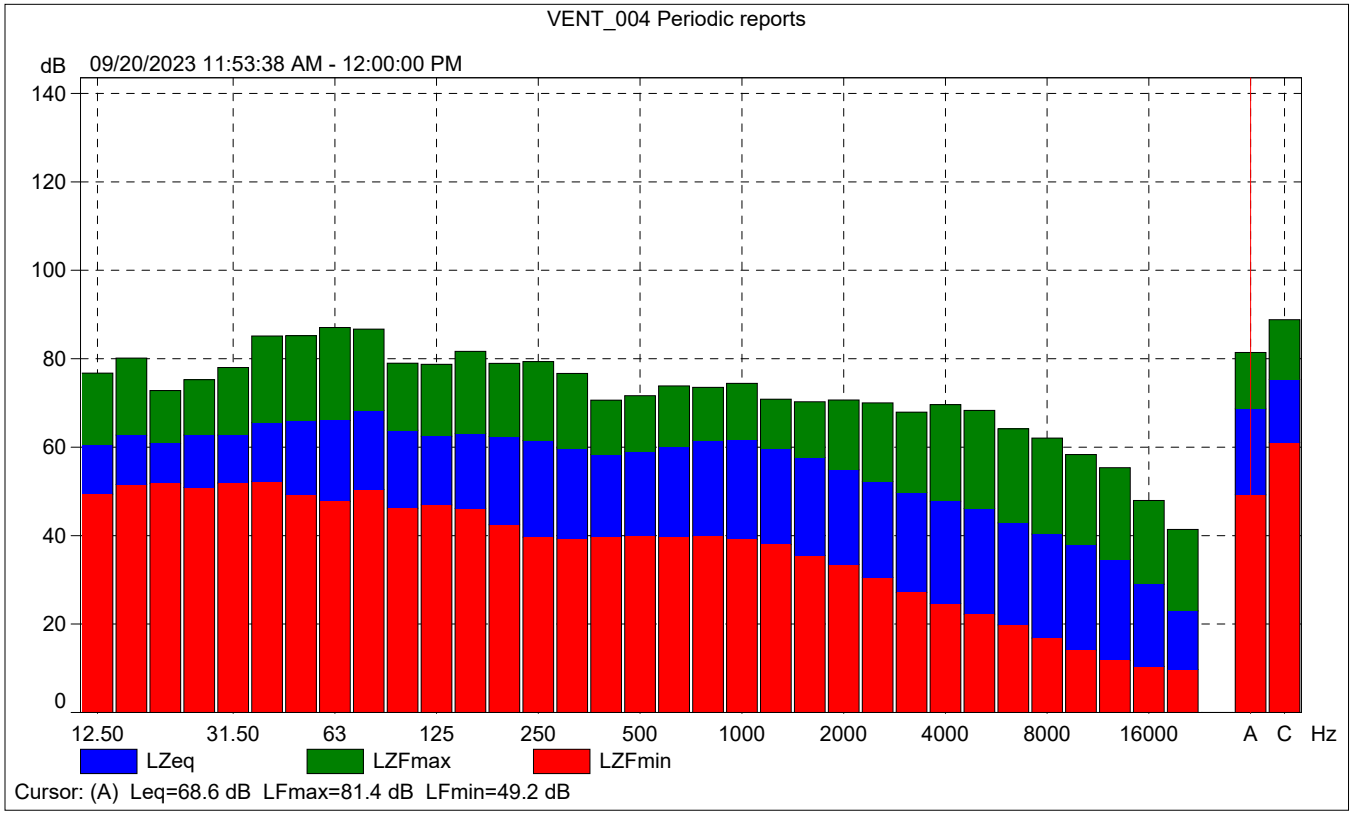
	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	65.3	64.7	60.8
Time	11:58:37 AM	0:00:01				
Date	09/20/2023					

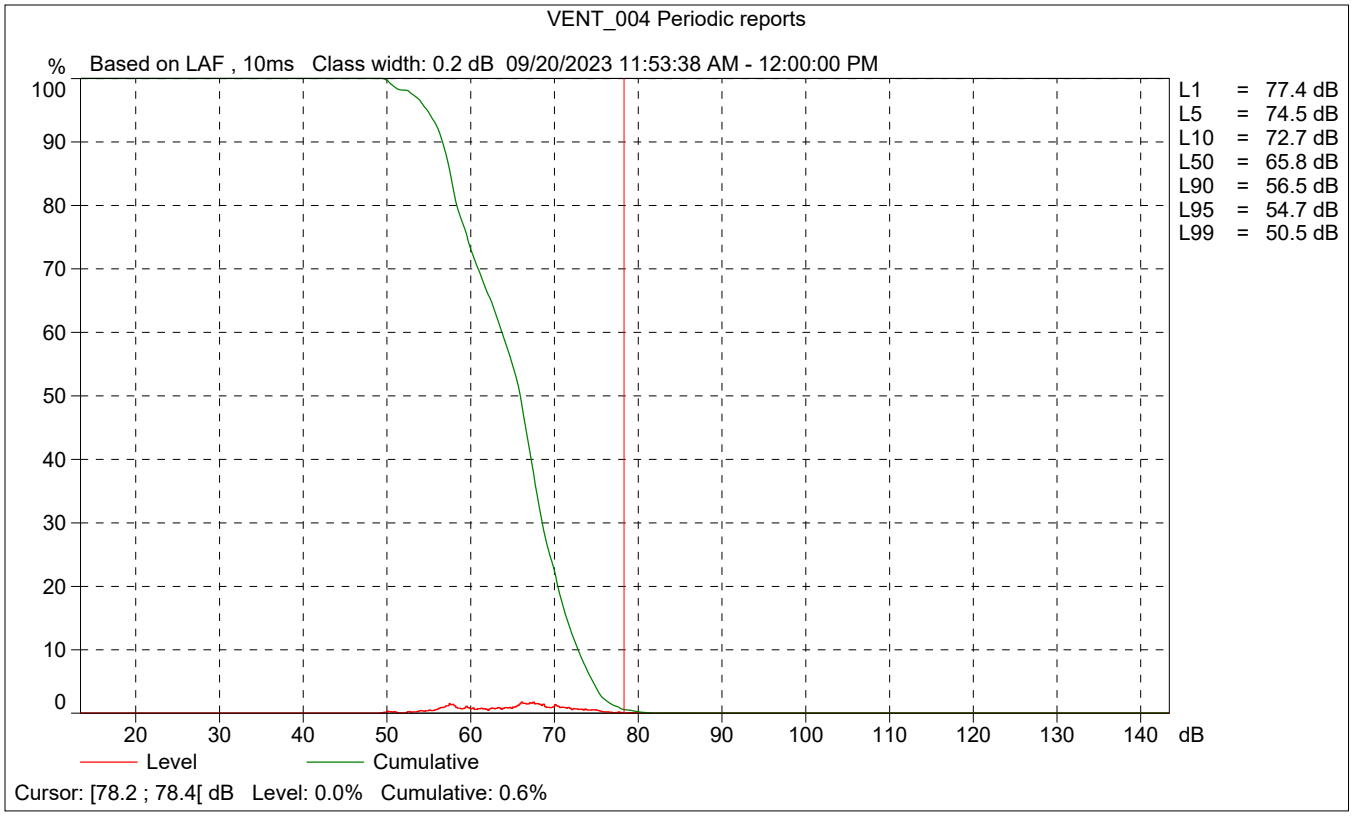

VENT_004
dB
09/20/2023 11:58:37 AM - 11:58:38 AM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=62.9 dB


VENT_004 Periodic reports
dB
140
120
100
80
60
40
20
12:00:00 PM
12:10:00 PM
12:20:00 PM
12:30:00 PM
12:40:00 PM
12:50:00 PM
01:00:00 PM
LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 09/20/2023 11:53:38 AM - 12:00:00 PM LAIeq=70.2 dB LAFmax=81.4 dB LCpeak=98.0 dB LAFmin=49.2 dB

VENT_004 Periodic reports

	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	70.2	81.4	49.2
Time	11:53:38 AM	0:06:22				
Date	09/20/2023					




VENT_004 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 09/20/2023 11:53:38 AM - 12:00:00 PM
100
90
80
70
60
50
40
30
20
10
0
20 30 40 50 60 70 80 90 100 110 120 130 140 dB
L1 = 77.4 dB
L5 = 74.5 dB
L10 = 72.7 dB
L50 = 65.8 dB
L90 = 56.5 dB
L95 = 54.7 dB
L99 = 50.5 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.6%

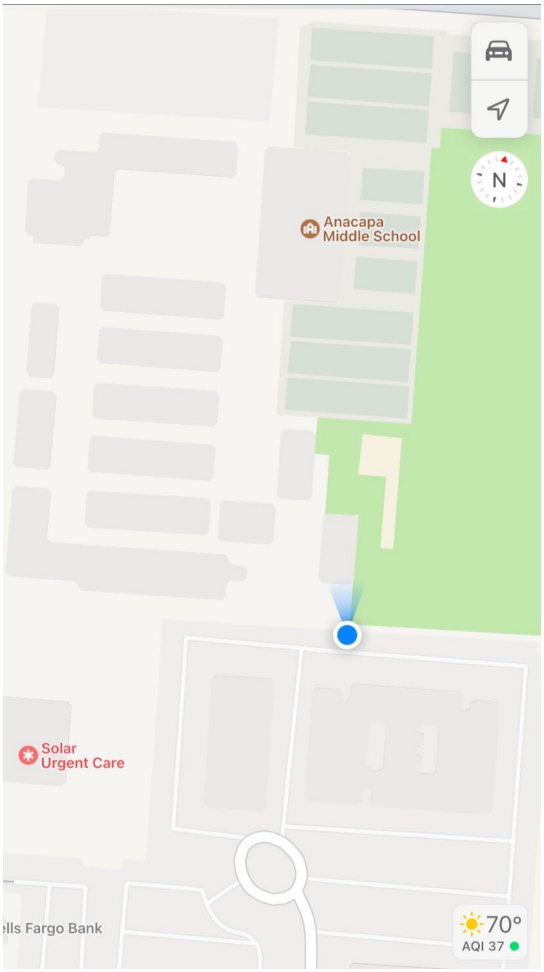
Site Number: NM-4	
Recorded By: Darshan Shivaiah, Dennis Dinh	
Job Number: 196991	
Date: 4/10/2024	
Time: 1:19 PM	
Location: Northern boundary of the project site	
Source of Ambient Noise: Noise from the Anacapa Middle School (lunch)	

Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
50.3	66.0	41.0

Equipment						
Category	**Type**	**Vendor**	**Model**	**Serial No.**	**Cert. Date**	**Note**
Sound	Sound Level Meter	**Brüel & Kjær**	**2250**	**3011133**	**06/04/2023**	
	Microphone	**Brüel & Kjær**	**4189**	**3086765**	**06/04/2023**	
	Preamp	**Brüel & Kjær**	**ZC 0032**	**25380**	**06/04/2023**	
	Calibrator	**Brüel & Kjær**	**4231**	**2545667**	**06/04/2023**	

Weather Data			
Est.	**Duration:** 10 minutes		**Sky:** Sunny
	Note: dBA Offset = 0.03		**Sensor Height (ft):** 5 ft
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (inches)**
	4 mph	70	29.86

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		04/10/2024 13:19:14
End Time:		04/10/2024 13:29:14
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.19

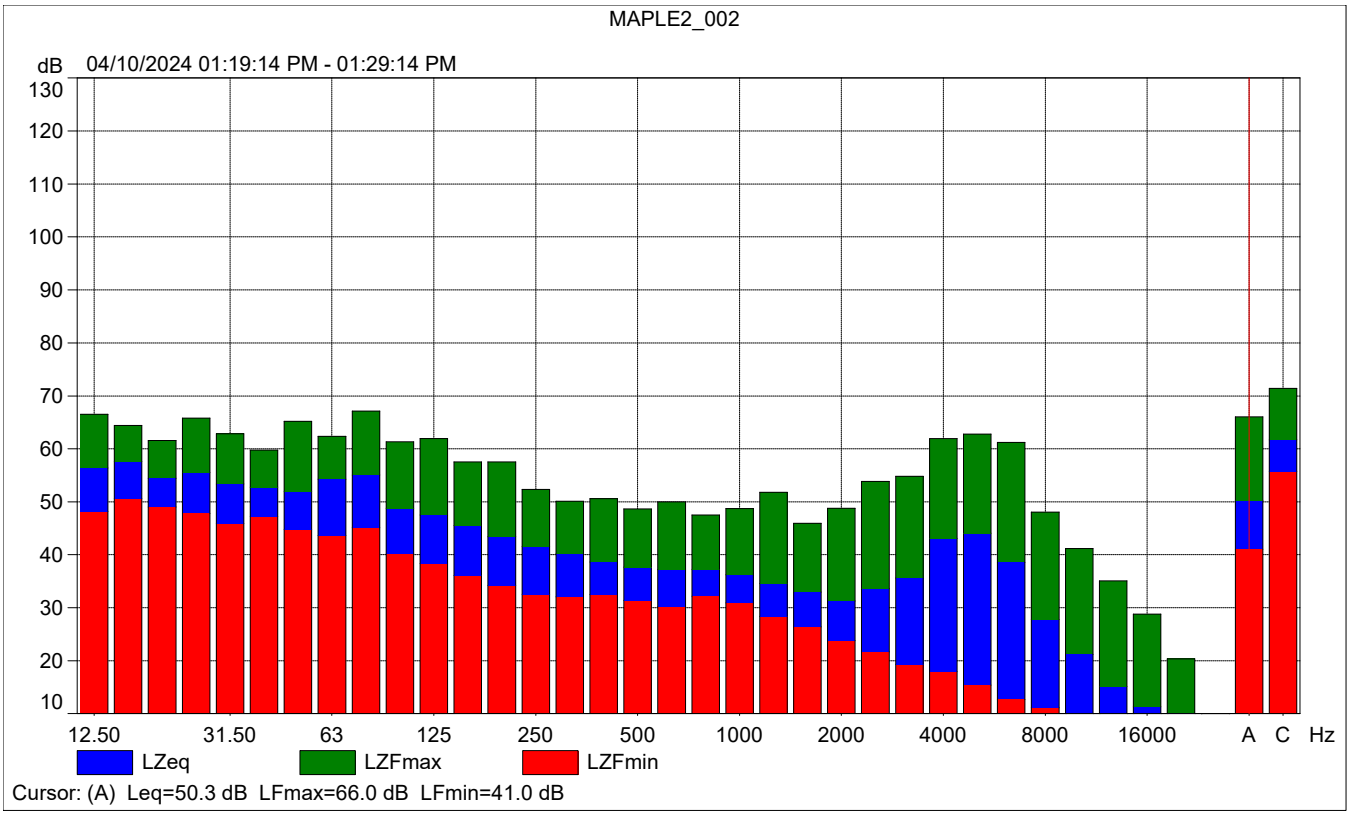
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

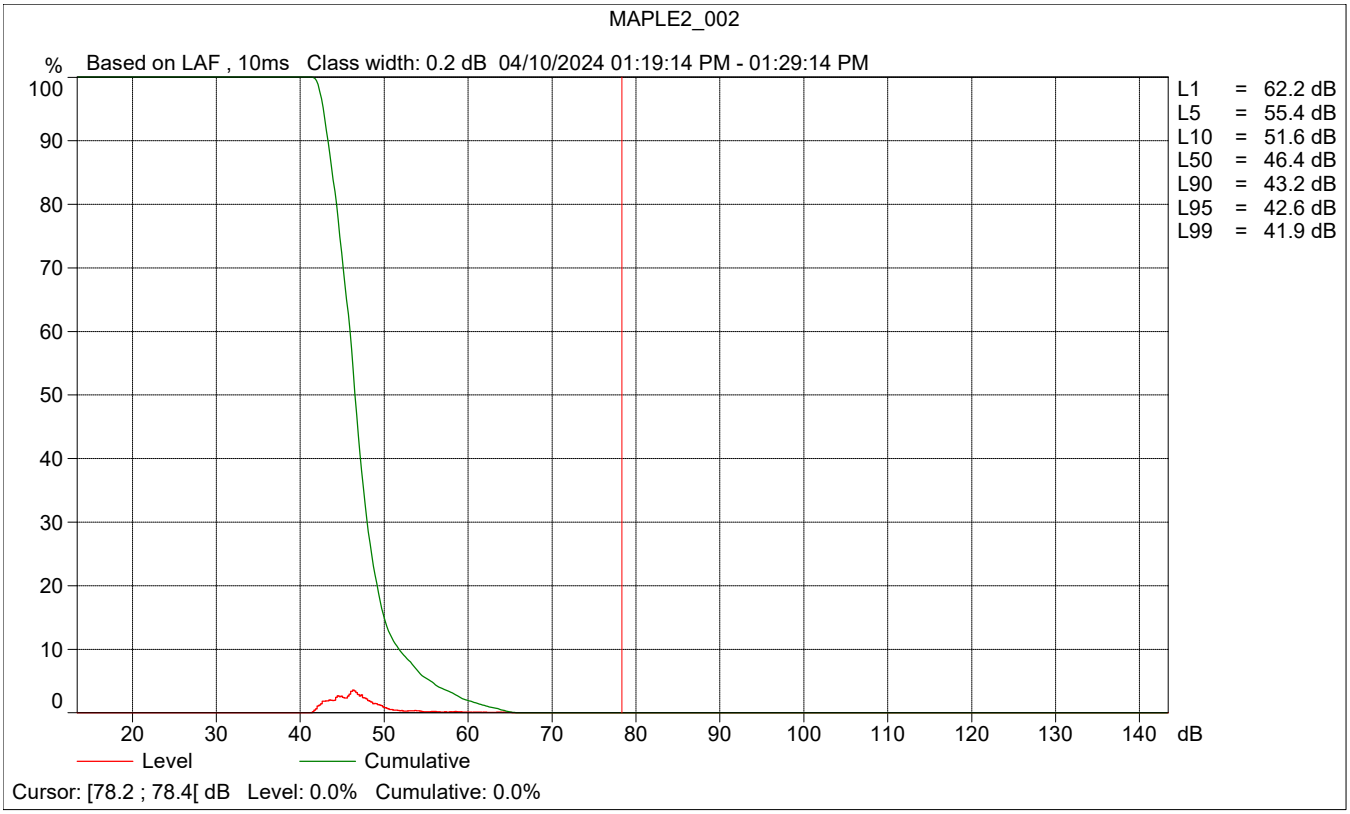
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

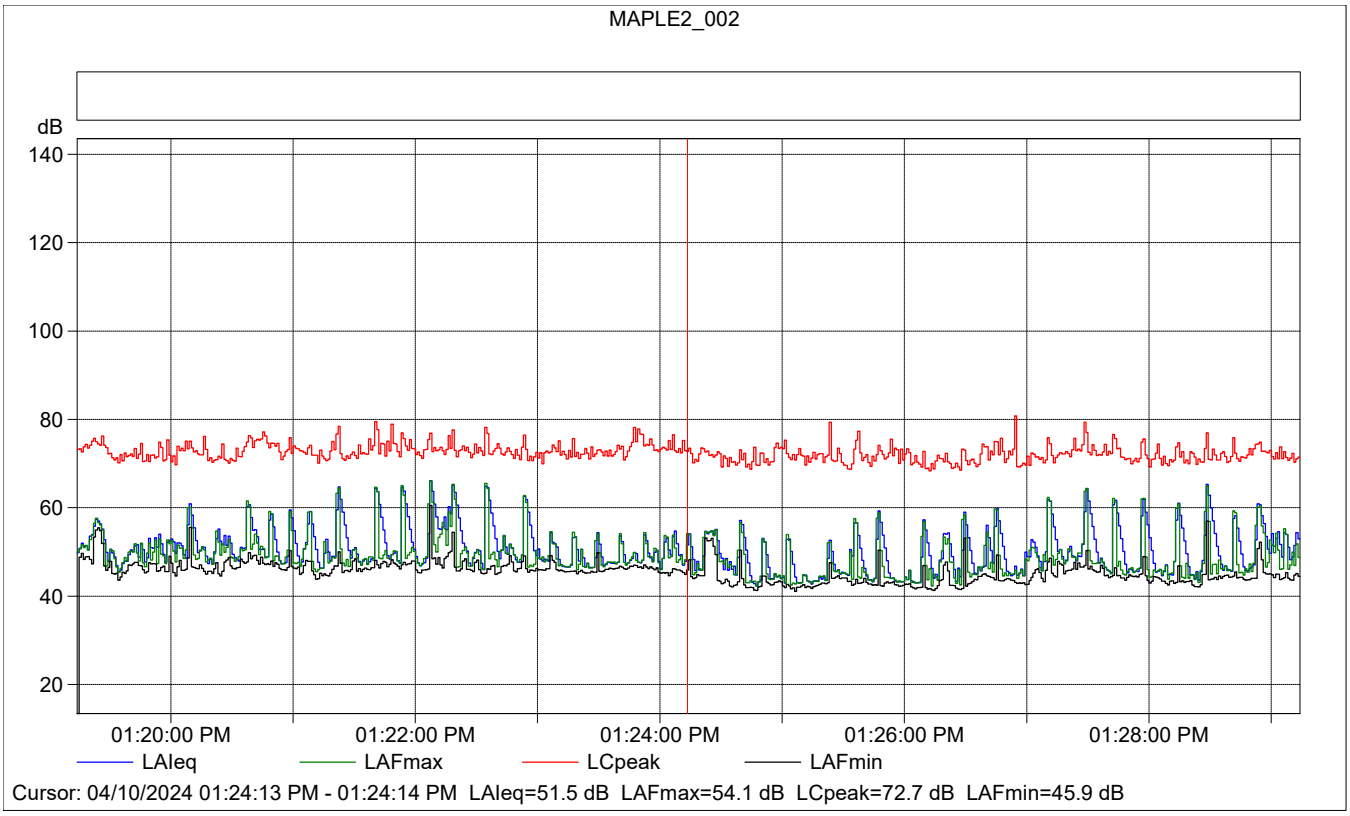
Calibration Time:		04/10/2024 10:43:45
Calibration Type:		External reference
Sensitivity:		43.2653278112412 mV/Pa

MAPLE2_002

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	50.3	66.0	41.0
Time	01:19:14 PM	01:29:14 PM	0:10:00				
Date	04/10/2024	04/10/2024					

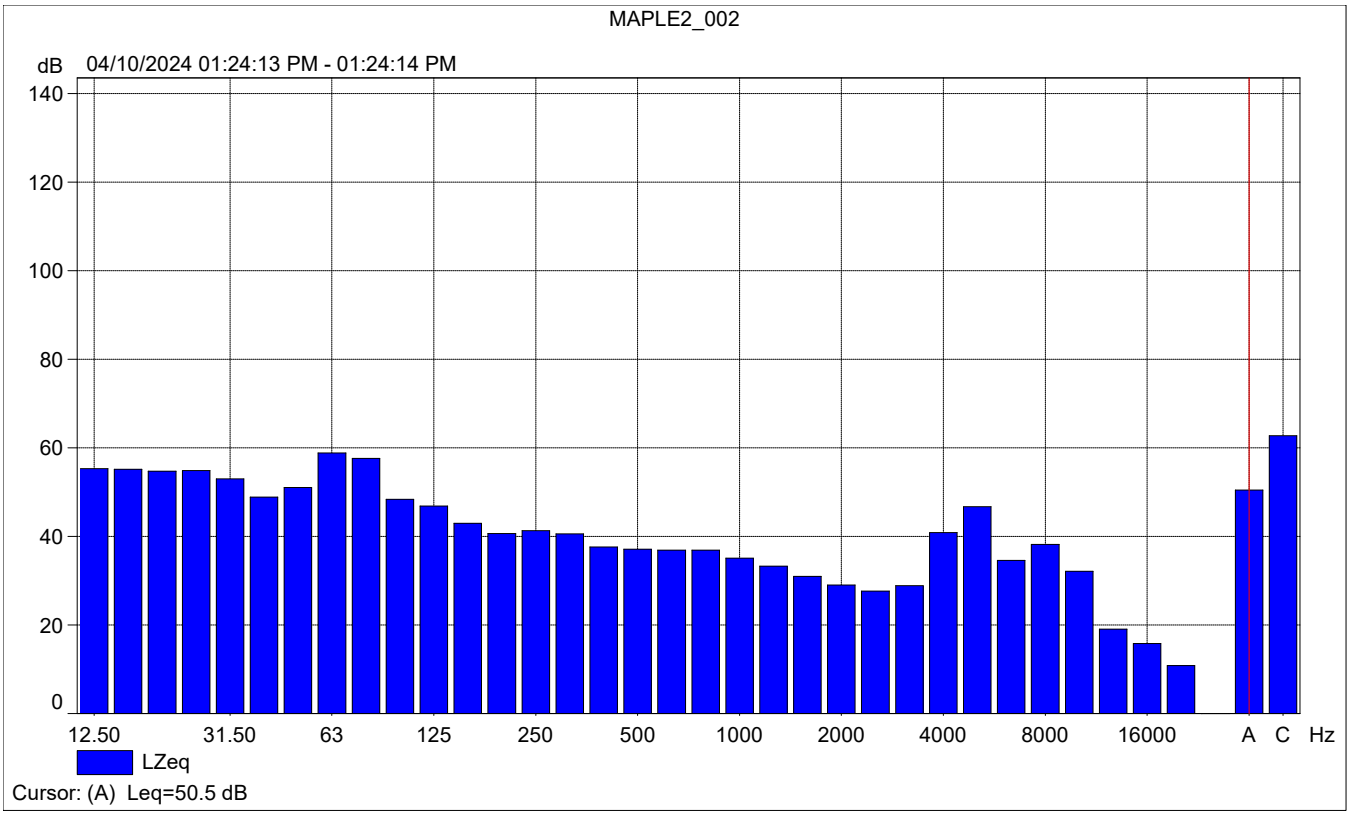

MAPLE2_002
dB
04/10/2024 01:19:14 PM - 01:29:14 PM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=50.3 dB LFmax=66.0 dB LFmin=41.0 dB

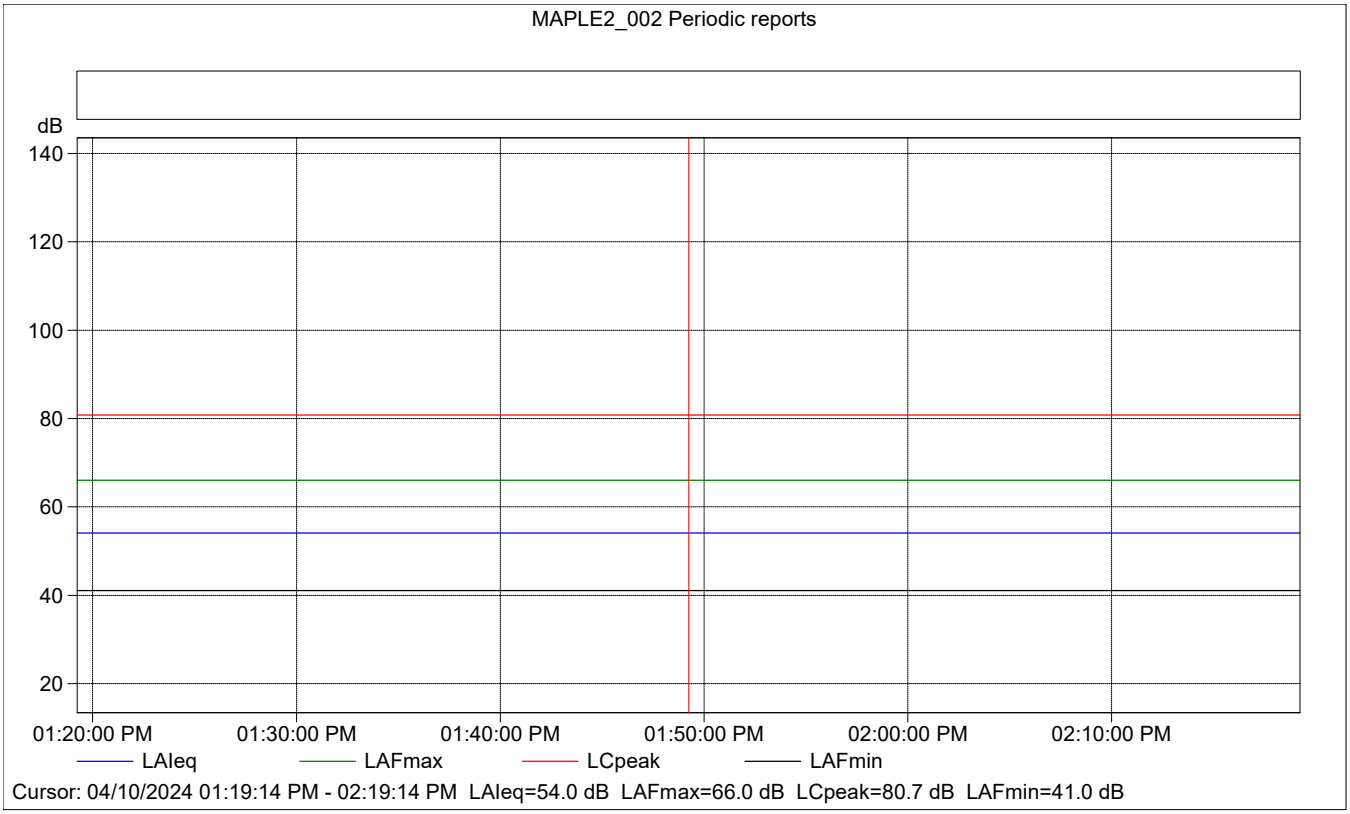

MAPLE2_002
%
Based on LAF , 10ms Class width: 0.2 dB 04/10/2024 01:19:14 PM - 01:29:14 PM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 62.2 dB
L5 = 55.4 dB
L10 = 51.6 dB
L50 = 46.4 dB
L90 = 43.2 dB
L95 = 42.6 dB
L99 = 41.9 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.0%



MAPLE2_002

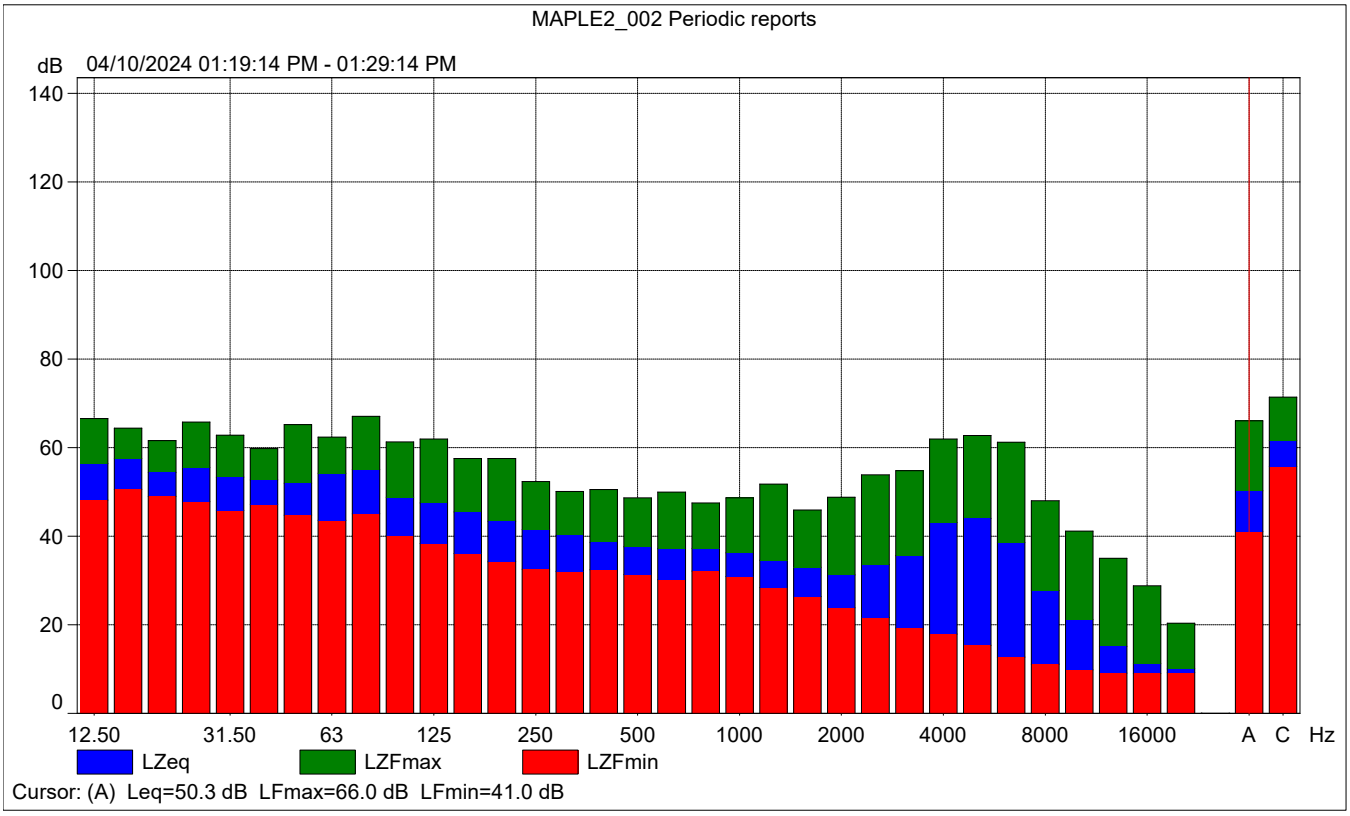
	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	51.5	54.1	45.9
Time	01:24:13 PM	0:00:01				
Date	04/10/2024					

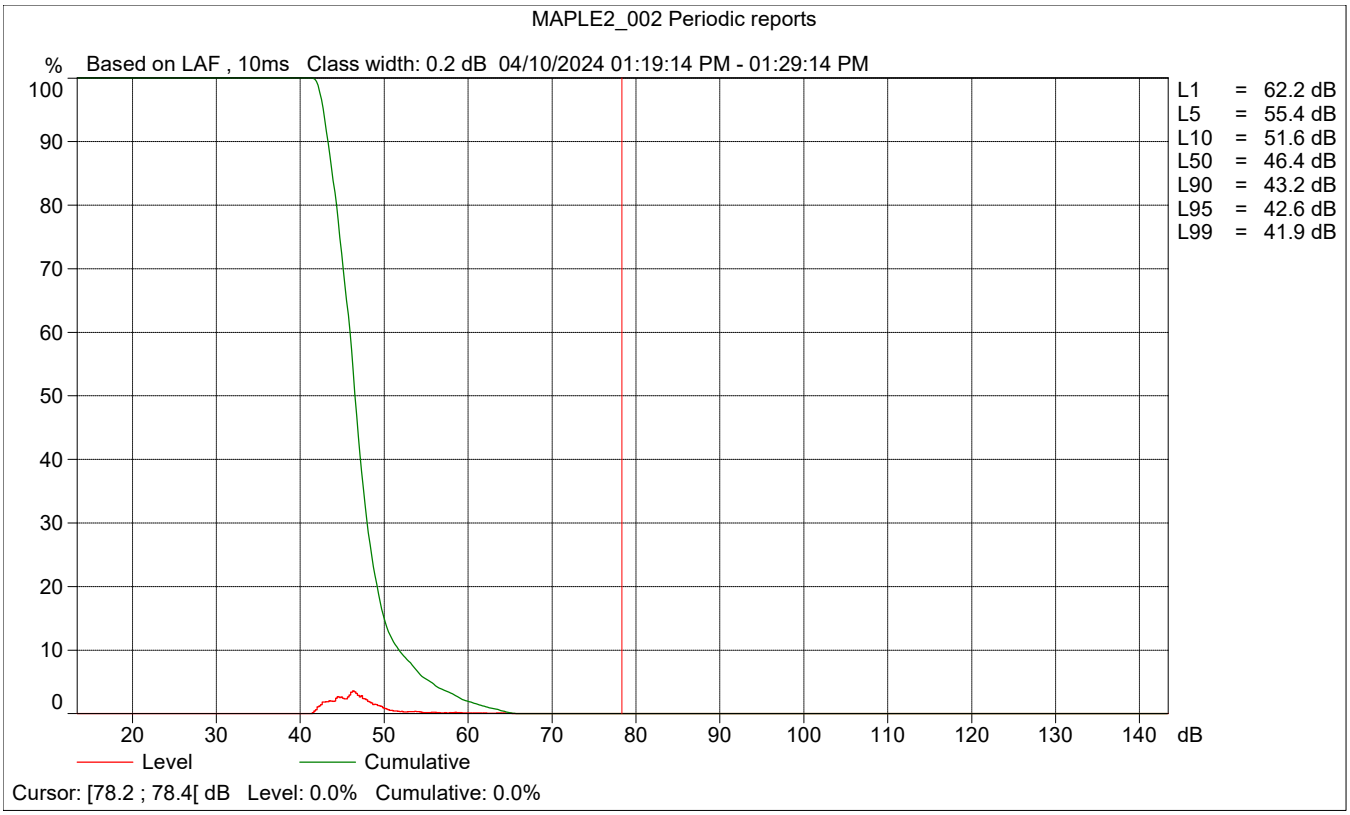

MAPLE2_002
dB
04/10/2024 01:24:13 PM - 01:24:14 PM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=50.5 dB


MAPLE2_002 Periodic reports
dB
140
120
100
80
60
40
20
01:20:00 PM
01:30:00 PM
01:40:00 PM
01:50:00 PM
02:00:00 PM
02:10:00 PM
LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 04/10/2024 01:19:14 PM - 02:19:14 PM LAIeq=54.0 dB LAFmax=66.0 dB LCpeak=80.7 dB LAFmin=41.0 dB

MAPLE2_002 Periodic reports

	Start time	Elapsed time	Overload [%]	LAleq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	54.0	66.0	41.0
Time	01:19:14 PM	0:10:00				
Date	04/10/2024					



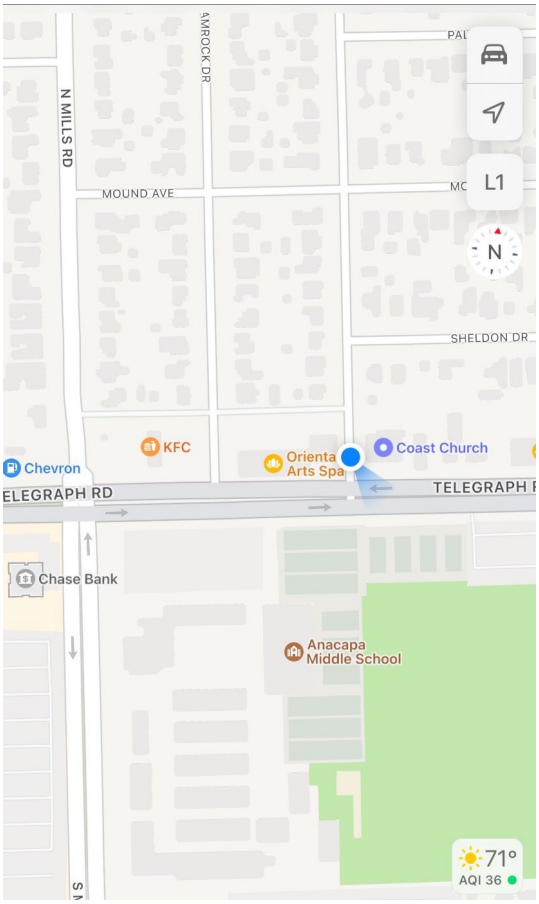

MAPLE2_002 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 04/10/2024 01:19:14 PM - 01:29:14 PM
100
90
80
70
60
50
40
30
20
10
0
20 30 40 50 60 70 80 90 100 110 120 130 140 dB
L1 = 62.2 dB
L5 = 55.4 dB
L10 = 51.6 dB
L50 = 46.4 dB
L90 = 43.2 dB
L95 = 42.6 dB
L99 = 41.9 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.0%

Site Number: NM-5		
Recorded By: Darshan Shivaiah, Dennis Dinh		
Job Number: 196991		
Date: 4/10/2024		
Time: 1:43 PM		
Location: Corner of Coast Church		
Source of Ambient Noise: Traffic along Telegraph Road		
Noise Data		
L_{eq} (dB)	**L_{max}(dB)**	**L_{min} (dB)**
64.8	83.8	46.5

Equipment						
Category	**Type**	**Vendor**	**Model**	**Serial No.**	**Cert. Date**	**Note**
Sound	Sound Level Meter	**Brüel & Kjær**	**2250**	**3011133**	**06/04/2023**	
	Microphone	**Brüel & Kjær**	**4189**	**3086765**	**06/04/2023**	
	Preamp	**Brüel & Kjær**	**ZC 0032**	**25380**	**06/04/2023**	
	Calibrator	**Brüel & Kjær**	**4231**	**2545667**	**06/04/2023**	

Weather Data			
Est.	**Duration:** 10 minutes		**Sky:** Sunny
	Note: dBA Offset = 0.03		**Sensor Height (ft):** 5 ft
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (inches)**
	4 mph	71	29.86

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		04/10/2024 13:43:26
End Time:		04/10/2024 13:53:26
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.19

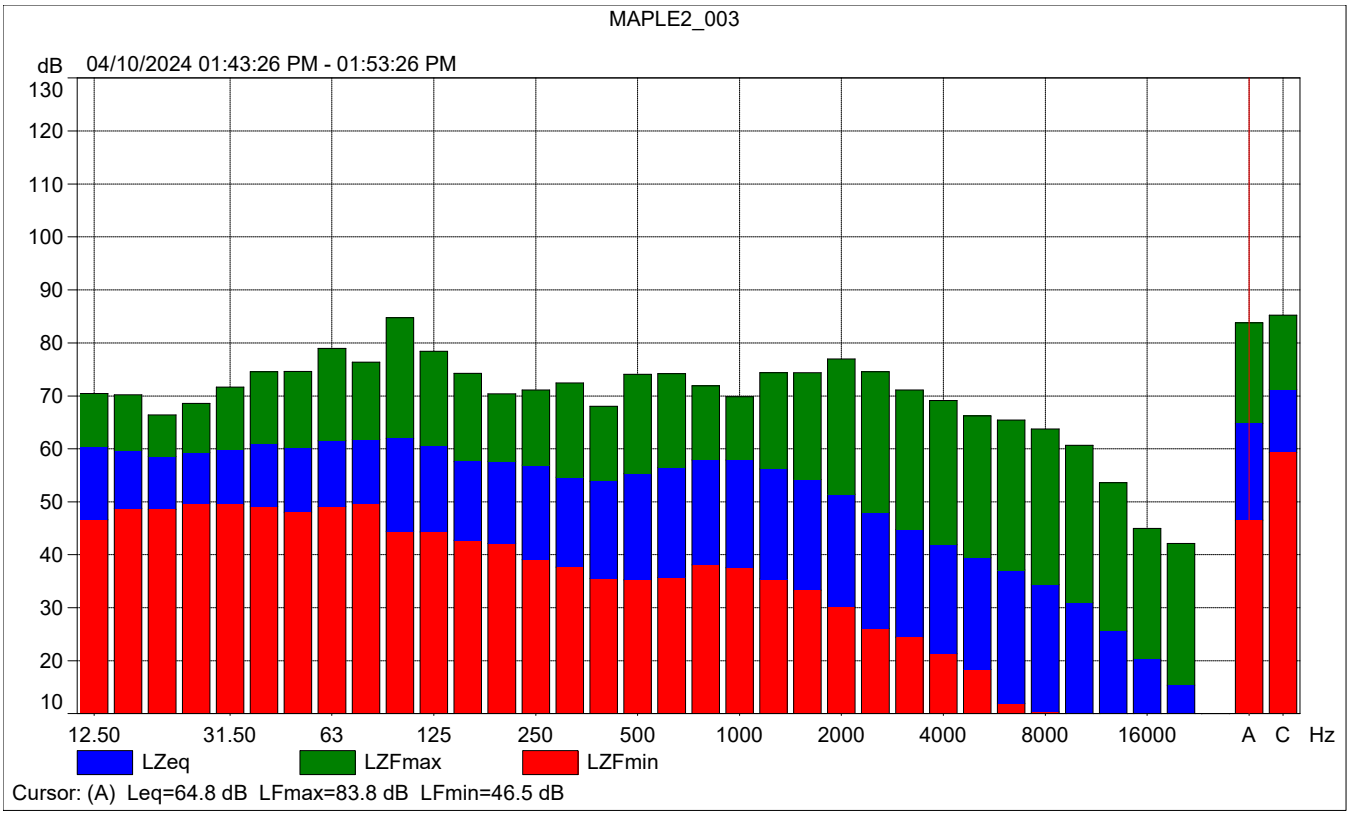
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

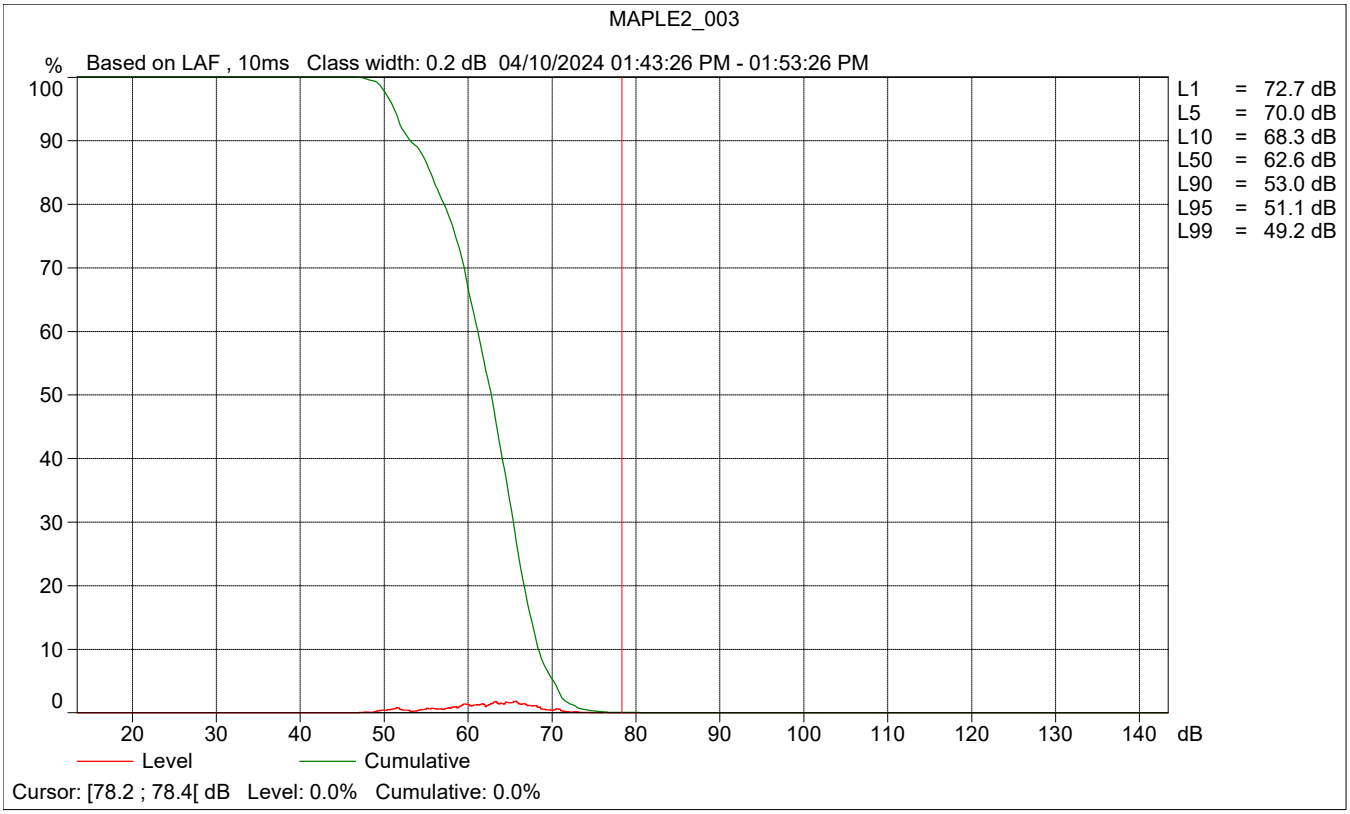
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

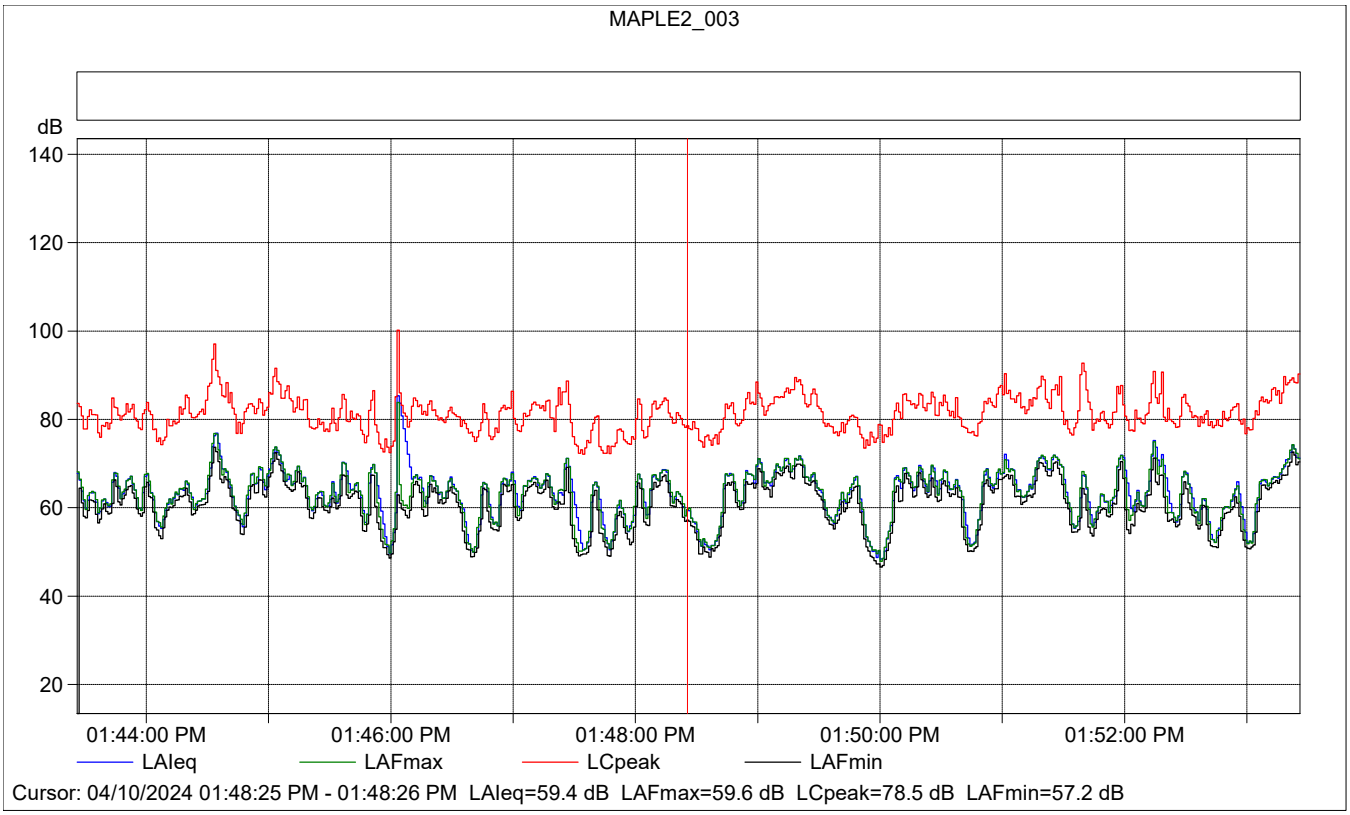
Calibration Time:		04/10/2024 10:43:45
Calibration Type:		External reference
Sensitivity:		43.2653278112412 mV/Pa

MAPLE2_003

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	64.8	83.8	46.5
Time	01:43:26 PM	01:53:26 PM	0:10:00				
Date	04/10/2024	04/10/2024					

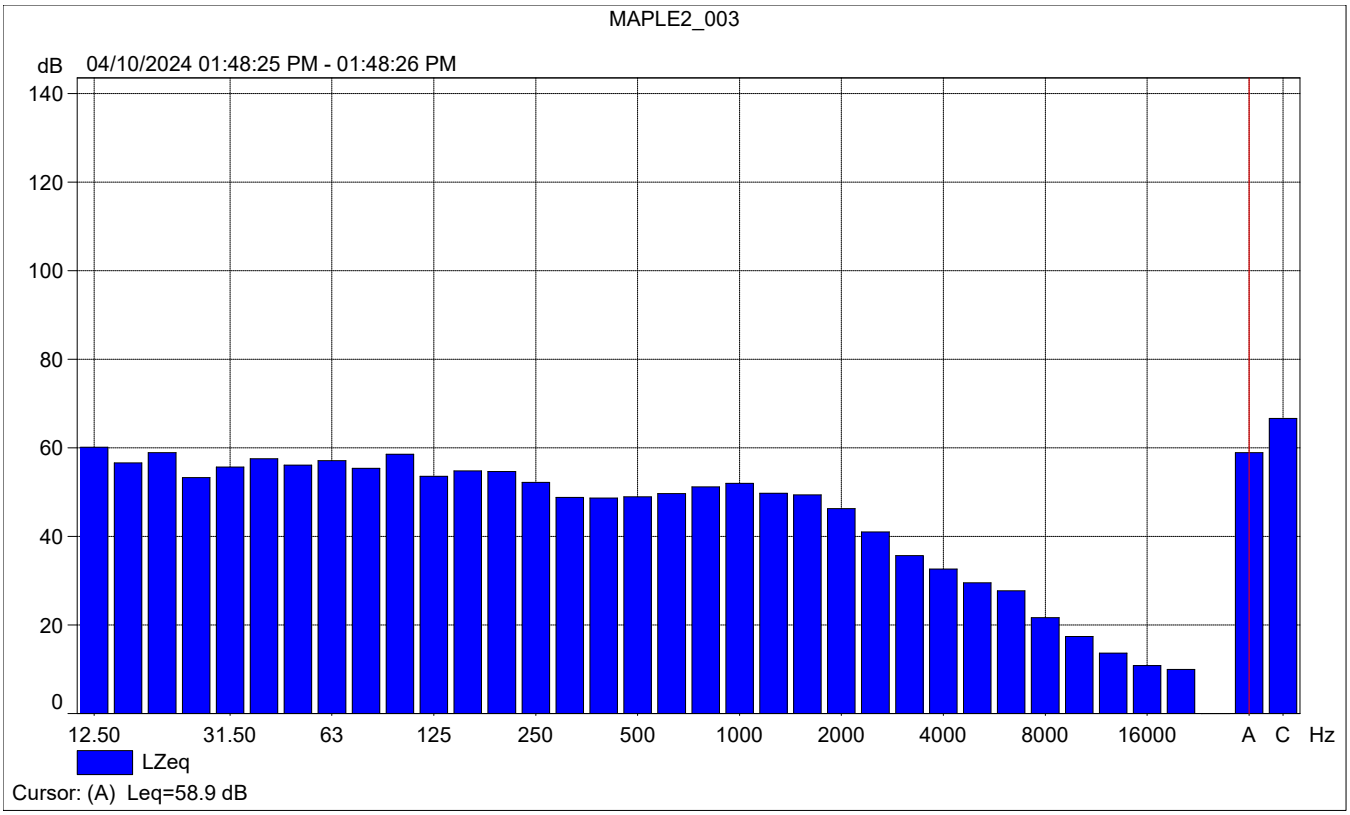

MAPLE2_003
dB
04/10/2024 01:43:26 PM - 01:53:26 PM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=64.8 dB LFmax=83.8 dB LFmin=46.5 dB

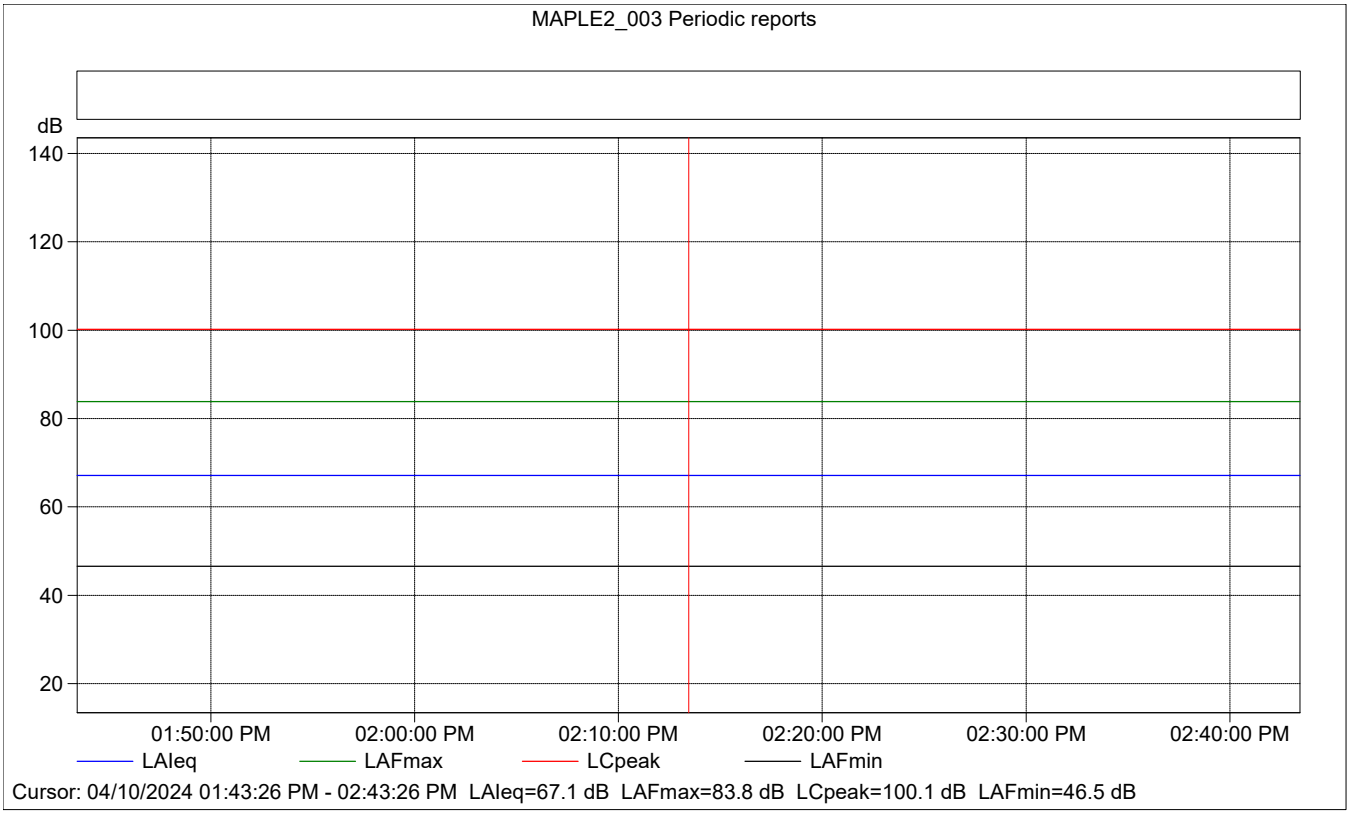

MAPLE2_003
%
Based on LAF , 10ms Class width: 0.2 dB 04/10/2024 01:43:26 PM - 01:53:26 PM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 72.7 dB
L5 = 70.0 dB
L10 = 68.3 dB
L50 = 62.6 dB
L90 = 53.0 dB
L95 = 51.1 dB
L99 = 49.2 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.0%



MAPLE2_003

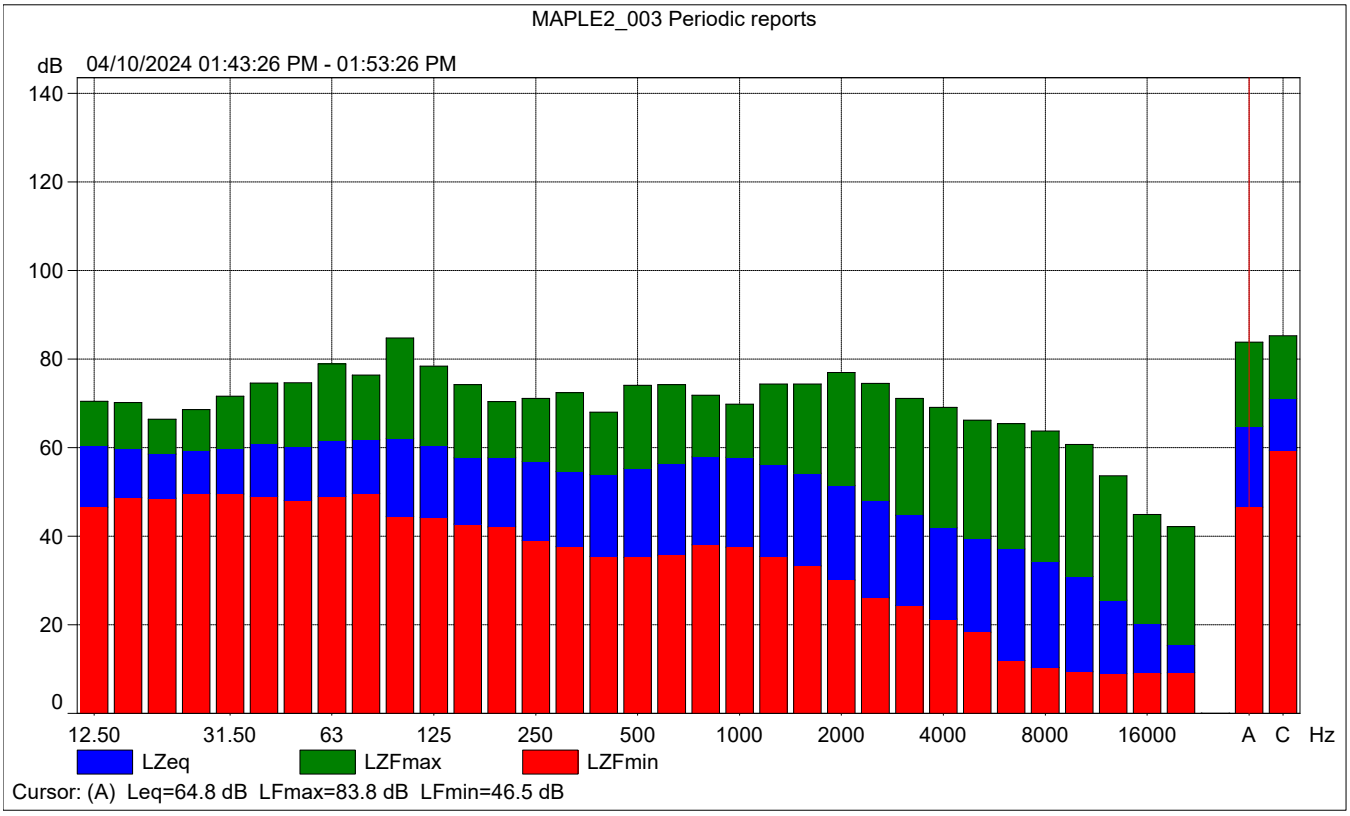
	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	59.4	59.6	57.2
Time	01:48:25 PM	0:00:01				
Date	04/10/2024					

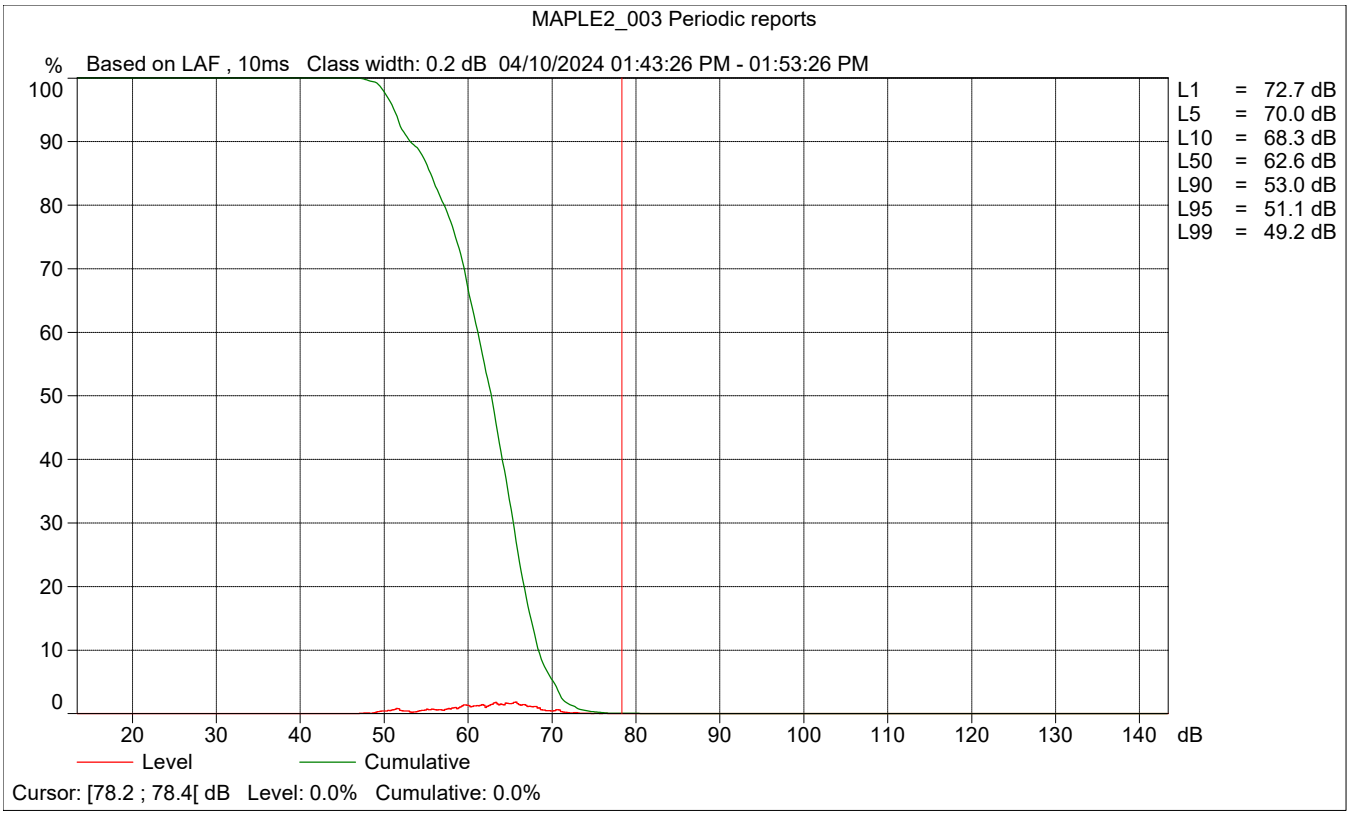

MAPLE2_003
dB
04/10/2024 01:48:25 PM - 01:48:26 PM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=58.9 dB


MAPLE2_003 Periodic reports
dB
140
120
100
80
60
40
20
01:50:00 PM
02:00:00 PM
02:10:00 PM
02:20:00 PM
02:30:00 PM
02:40:00 PM
LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 04/10/2024 01:43:26 PM - 02:43:26 PM LAIeq=67.1 dB LAFmax=83.8 dB LCpeak=100.1 dB LAFmin=46.5 dB

MAPLE2_003 Periodic reports

	Start time	Elapsed time	Overload [%]	LAleq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	67.1	83.8	46.5
Time	01:43:26 PM	0:10:00				
Date	04/10/2024					




MAPLE2_003 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 04/10/2024 01:43:26 PM - 01:53:26 PM
100
90
80
70
60
50
40
30
20
10
0
20 30 40 50 60 70 80 90 100 110 120 130 140 dB
L1 = 72.7 dB
L5 = 70.0 dB
L10 = 68.3 dB
L50 = 62.6 dB
L90 = 53.0 dB
L95 = 51.1 dB
L99 = 49.2 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.0%

Roadway Construction Noise Model (RCNM),Version 1.1

Report dat 6/4/2024
Case Descr Demolition

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Single Fami	Residential	85	85	85

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dozer	No	40		81.7	130	0
Dozer	No	40		81.7	130	0
Excavator	No	40		80.7	130	0
Excavator	No	40		80.7	130	0
Excavator	No	40		80.7	130	0
Concrete Saw	No	20		89.6	130	0

	Calculated (dBA)		Results	Noise Limits (dBA)			
			Day		Evening		Night
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Dozer	73.4	69.4	N/A	N/A	N/A	N/A	N/A
Dozer	73.4	69.4	N/A	N/A	N/A	N/A	N/A
Excavator	72.4	68.4	N/A	N/A	N/A	N/A	N/A
Excavator	72.4	68.4	N/A	N/A	N/A	N/A	N/A
Excavator	72.4	68.4	N/A	N/A	N/A	N/A	N/A
Concrete Saw	81.3	74.3	N/A	N/A	N/A	N/A	N/A
Total	81.3	78.1	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

		Noise Limit Exceedance (dBA)				
	Day		Evening		Night	
Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report dat ########
Case Descr Grading

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Single Fam	Residential	85	85	85

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		130	0
Excavator	No	40		80.7	130	0
Excavator	No	40		80.7	130	0
Backhoe	No	40		77.6	130	0
Backhoe	No	40		77.6	130	0
Scraper	No	40		83.6	130	0
Scraper	No	40		83.6	130	0
Dozer	No	40		81.7	130	0

Equipment	Calculated (dBA) *Lmax	Leq	Results Day Lmax	Day Leq	Noise Limits (dBA) Evening Lmax	Evening Leq	Night Lmax	Night Leq
Grader	76.7	72.7	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	72.4	68.4	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	72.4	68.4	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	69.3	65.3	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	69.3	65.3	N/A	N/A	N/A	N/A	N/A	N/A
Scraper	75.3	71.3	N/A	N/A	N/A	N/A	N/A	N/A
Scraper	75.3	71.3	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	73.4	69.4	N/A	N/A	N/A	N/A	N/A	N/A
Total	76.7	78.8	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

	Noise Limit Exceedance (dBA)				
Day		Evening		Night	
Lmax	Leq	Lmax	Leq	Lmax	Leq
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report dat ########
Case Description:

---- Receptor #1 ----

	Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Single Fam	Residential	85	85	85

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dozer	No	40		81.7	130	0
Dozer	No	40		81.7	130	0
Excavator	No	40		80.7	130	0
Excavator	No	40		80.7	130	0
Excavator	No	40		80.7	130	0
Concrete Saw	No	20		89.6	130	0

	Calculated (dBA)		Results		Noise Limits (dBA)			
			Day		Evening		Night	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Dozer	73.4	69.4	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	73.4	69.4	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	72.4	68.4	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	72.4	68.4	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	72.4	68.4	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	81.3	74.3	N/A	N/A	N/A	N/A	N/A	N/A
Total	81.3	78.1	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Noise Limit Exceedance (dBA)					
Day		Evening		Night	
Lmax	Leq	Lmax	Leq	Lmax	Leq
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report dat ########
Case Descr Paving

---- Receptor #1 ----

	Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Single Fam	Residential	85	85	85

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Roller	No	20		80	130	0
Roller	No	20		80	130	0
Roller	No	20		80	130	0
Roller	No	20		80	130	0
Paver	No	50		77.2	130	0
Paver	No	50		77.2	130	0

Results

	Calculated (dBA)		Noise Limits (dBA)					
			Day		Evening		Night	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Roller	71.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A
Roller	71.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A
Roller	71.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A
Roller	71.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A
Paver	68.9	65.9	N/A	N/A	N/A	N/A	N/A	N/A
Paver	68.9	65.9	N/A	N/A	N/A	N/A	N/A	N/A
Total	71.7	72.9	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Noise Limit Exceedance (dBA)					
Day		Evening		Night	
Lmax	Leq	Lmax	Leq	Lmax	Leq
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report dat ########
Case Description:

		---- Receptor #1 ----		
	Baselines (dBA)			
Description	Land Use	Daytime	Evening	Night
Single Fam	Residential	85	85	85

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	130	0

	Calculated (dBA)		Results					
			Noise Limits (dBA)					
			Day		Evening		Night	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Compressor (air)	69.4	65.4	N/A	N/A	N/A	N/A	N/A	N/A
Total	69.4	65.4	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

	Noise Limit Exceedance (dBA)				
Day		Evening		Night	
Lmax	Leq	Lmax	Leq	Lmax	Leq
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A