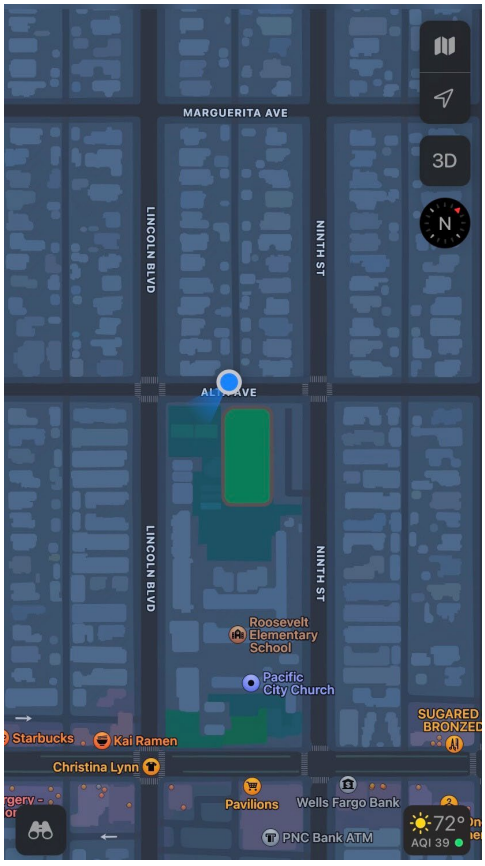
Site Number: NM-1	
Recorded By: Darshan Shivaiah, Dennis Dinh	
Job Number: 195838	
Date: 11/8/2023	
Time: 12:10 p.m.	
Location: North of Roosevelt Elementary School, next to 557 Lincoln Boulevard	
Source of Ambient Noise: Traffic along Alta Avenue and children talking	
Source of Peak Noise: Traffic along Alta Avenue	

Noise Data		
L_{eq} (dB)	**L_{max}(dB)**	**L_{min} (dB)**
58.3	76.9	48.0

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 = -0.02		**Sensor Height (ft):** 5 ft
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (inches)**
	8 mph	72	30.04

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		11/08/2023 12:10:04
End Time:		11/08/2023 12:20:04
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.18

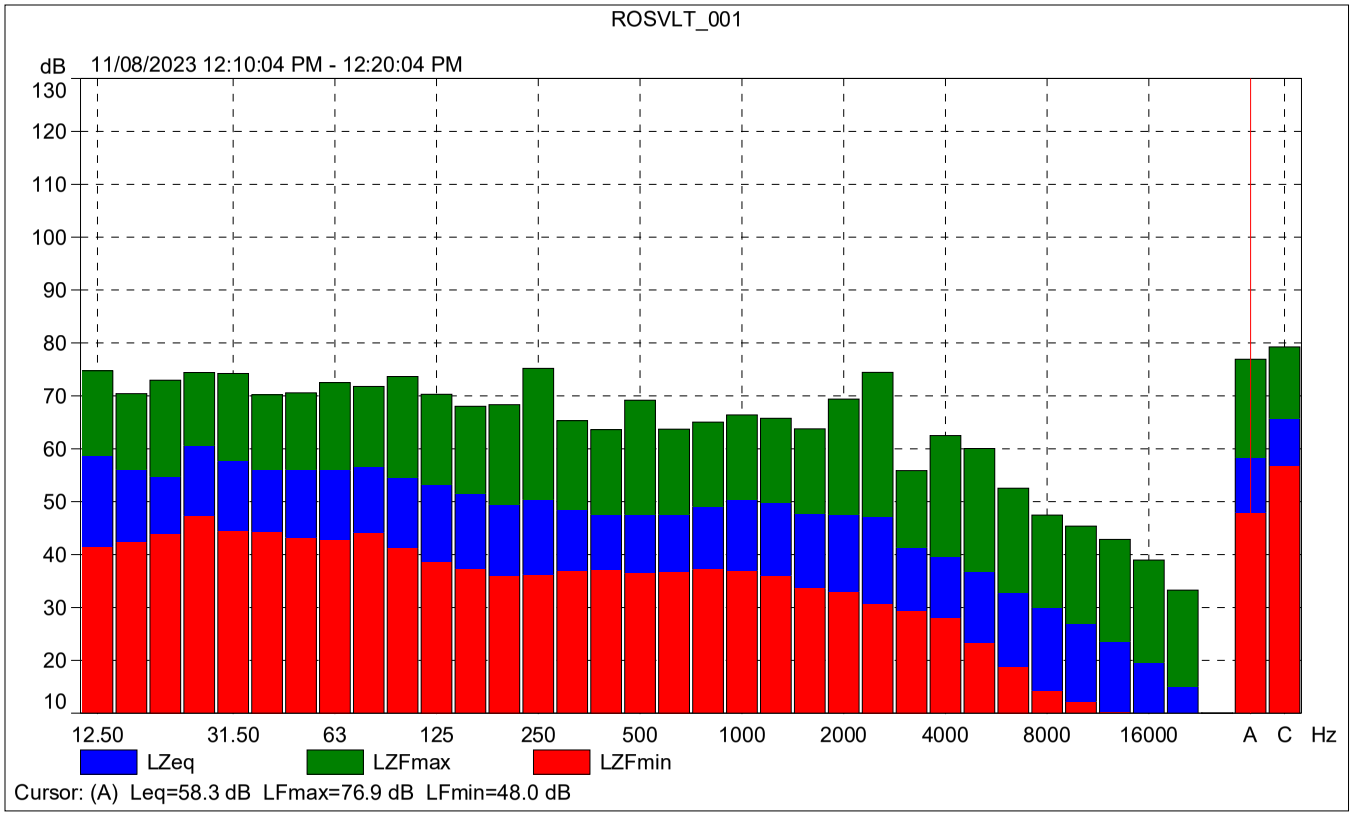
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

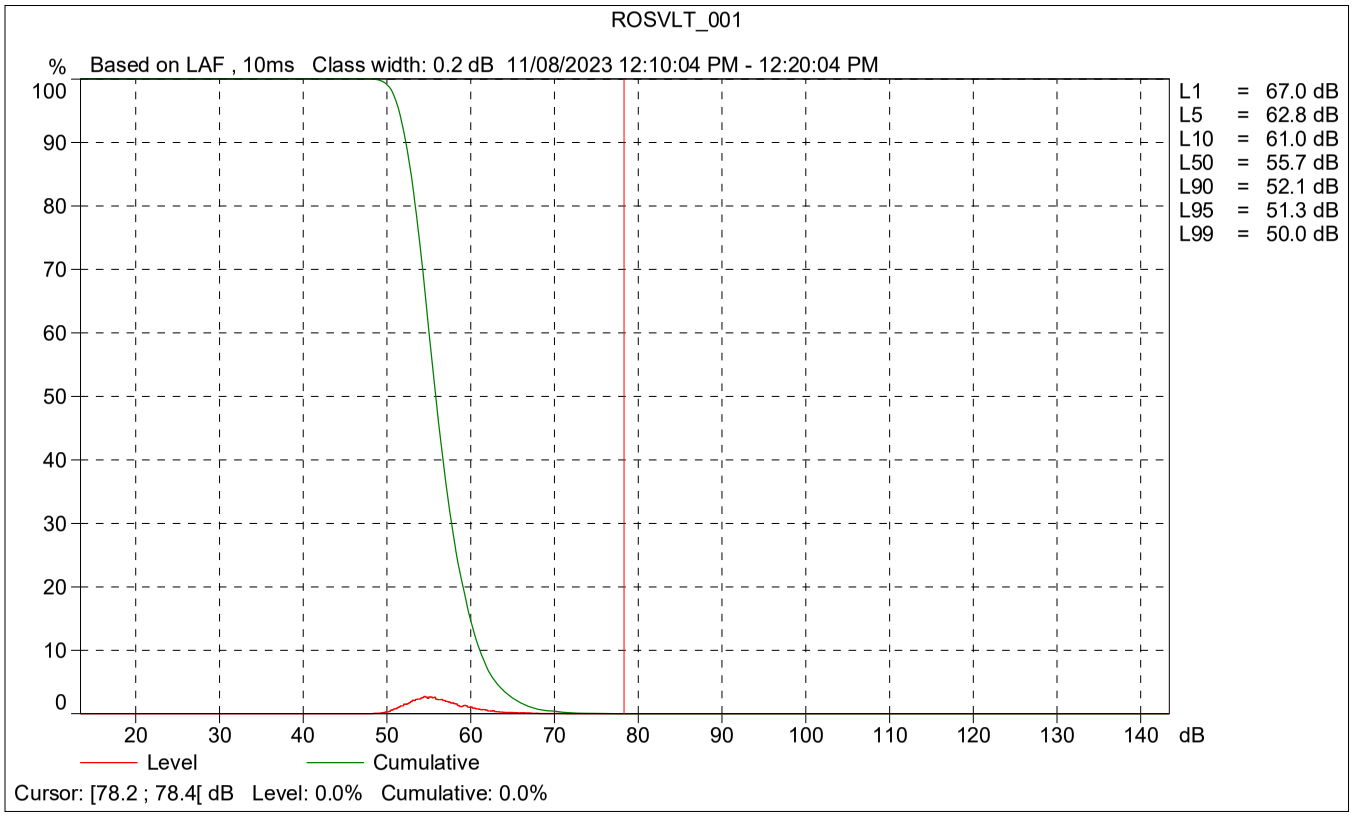
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

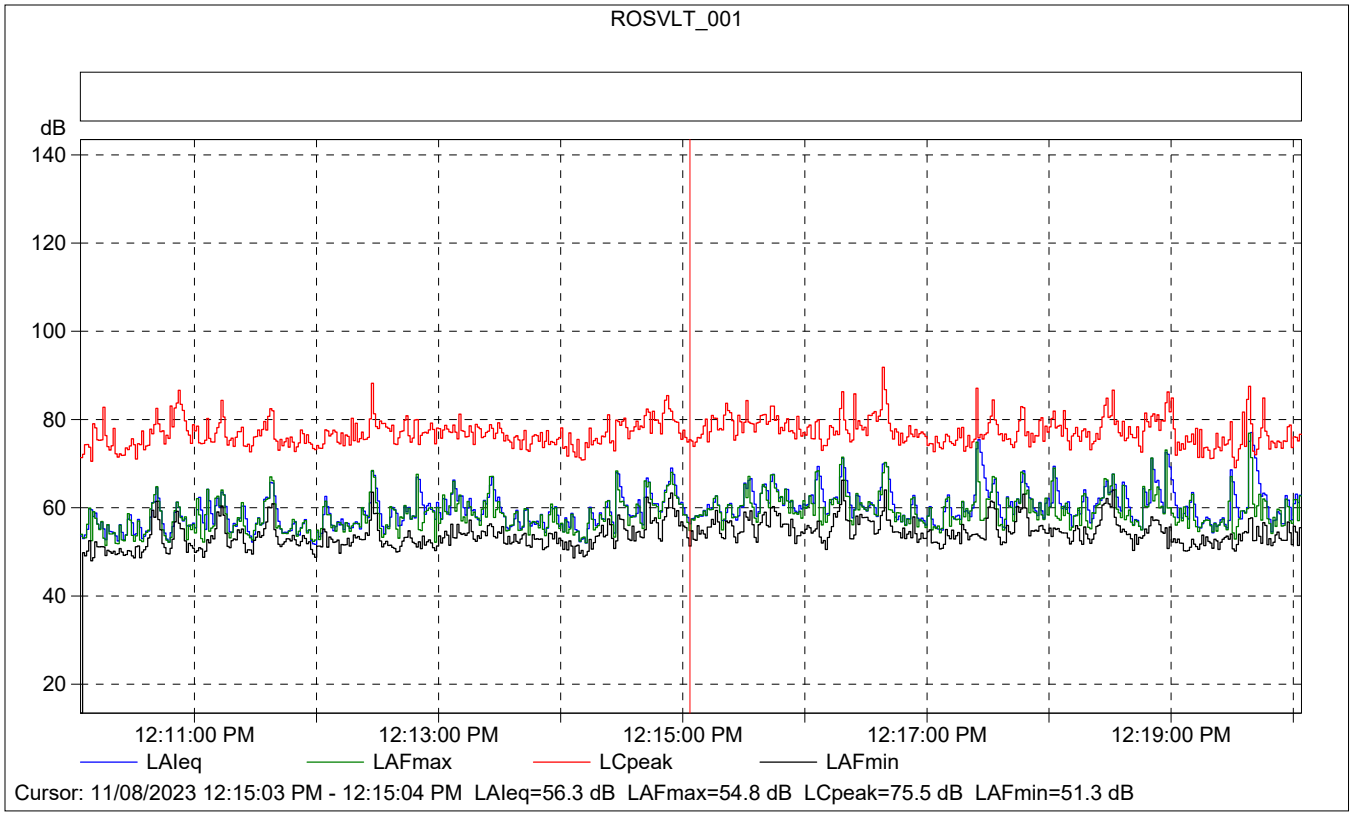
Calibration Time:		11/08/2023 12:08:07
Calibration Type:		External reference
Sensitivity:		43.3311276137829 mV/Pa

ROSVLT_001

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	58.3	76.9	48.0
Time	12:10:04 PM	12:20:04 PM	0:10:00				
Date	11/08/2023	11/08/2023					

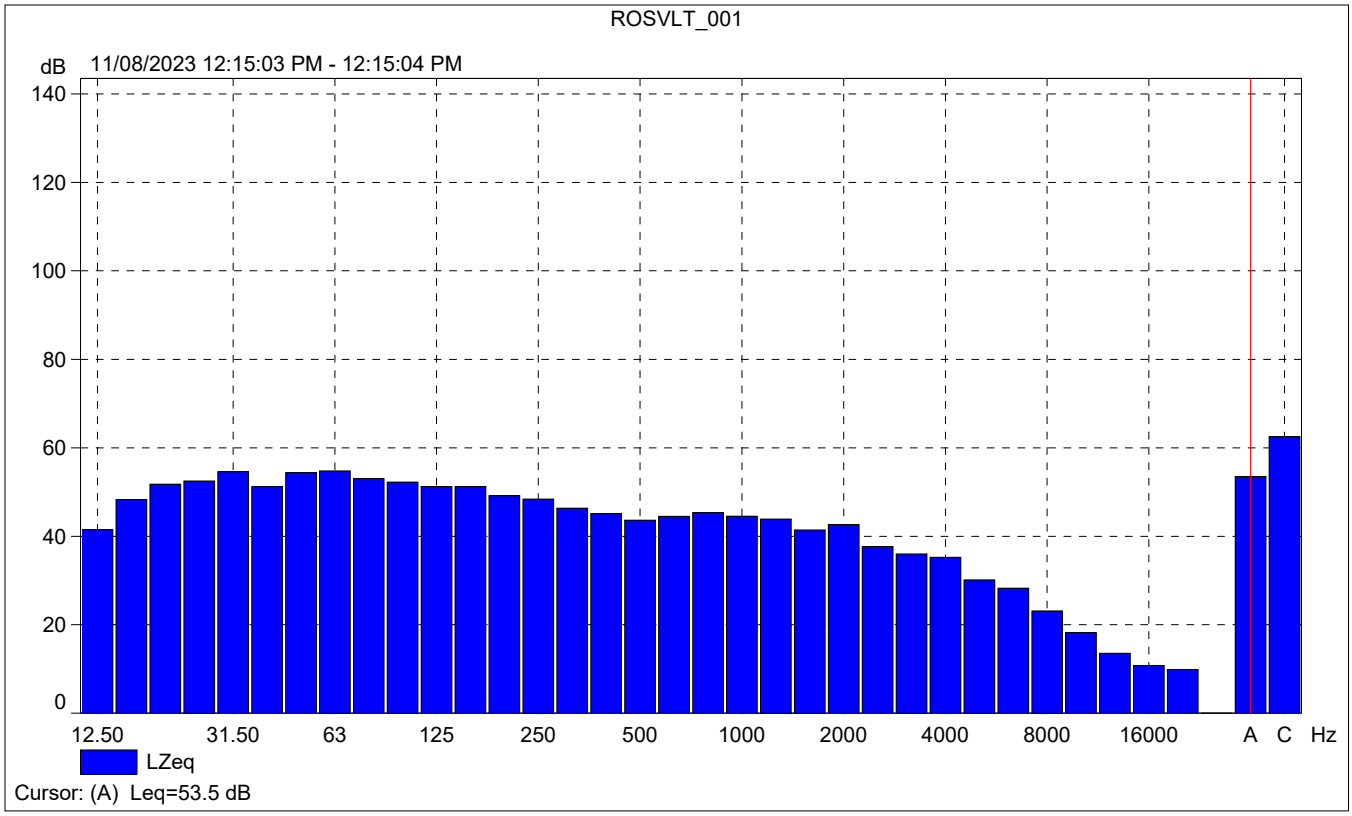

ROSVLT_001
dB
11/08/2023 12:10:04 PM - 12:20:04 PM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=58.3 dB LFmax=76.9 dB LFmin=48.0 dB

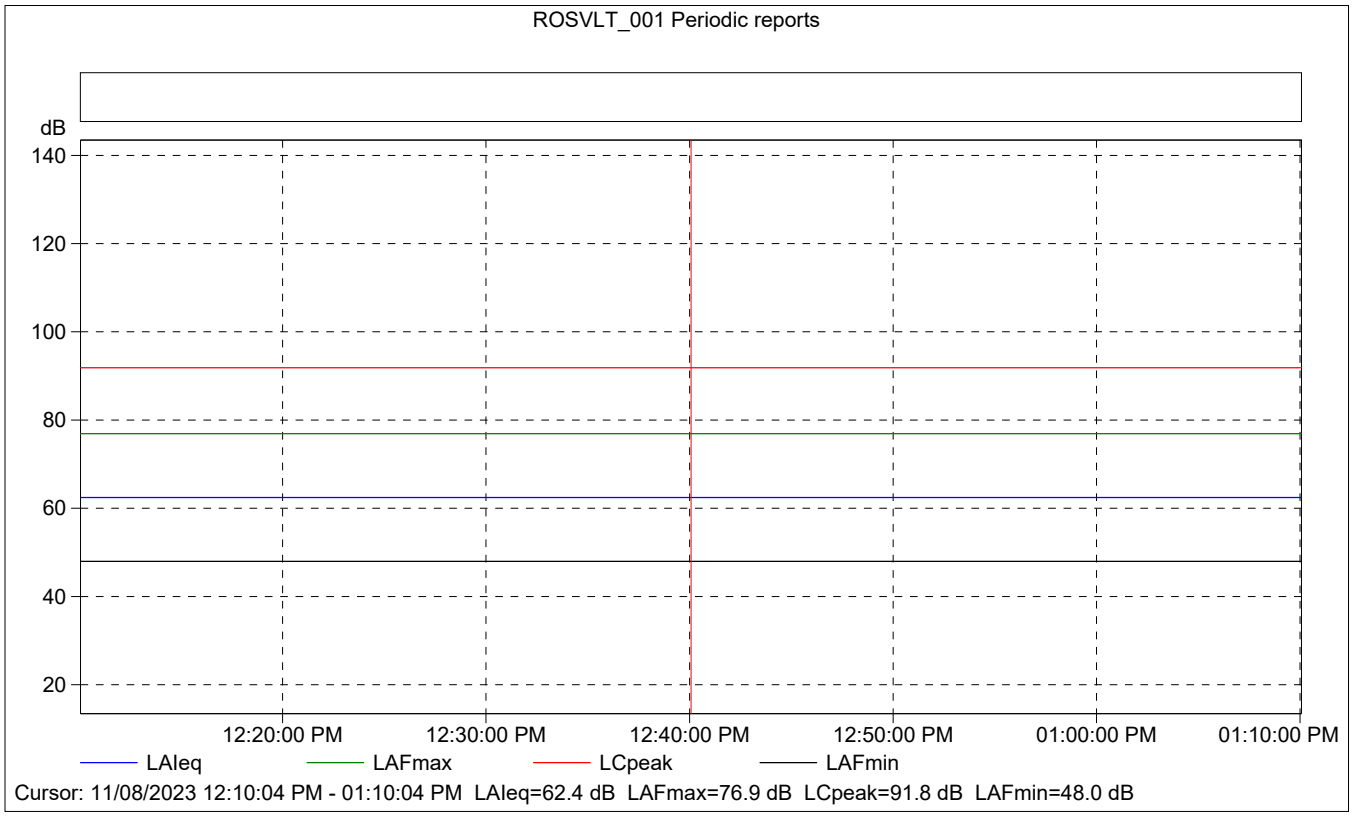

ROSVLT_001
%
Based on LAF , 10ms Class width: 0.2 dB 11/08/2023 12:10:04 PM - 12:20:04 PM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 67.0 dB
L5 = 62.8 dB
L10 = 61.0 dB
L50 = 55.7 dB
L90 = 52.1 dB
L95 = 51.3 dB
L99 = 50.0 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.0%



ROSVLT_001

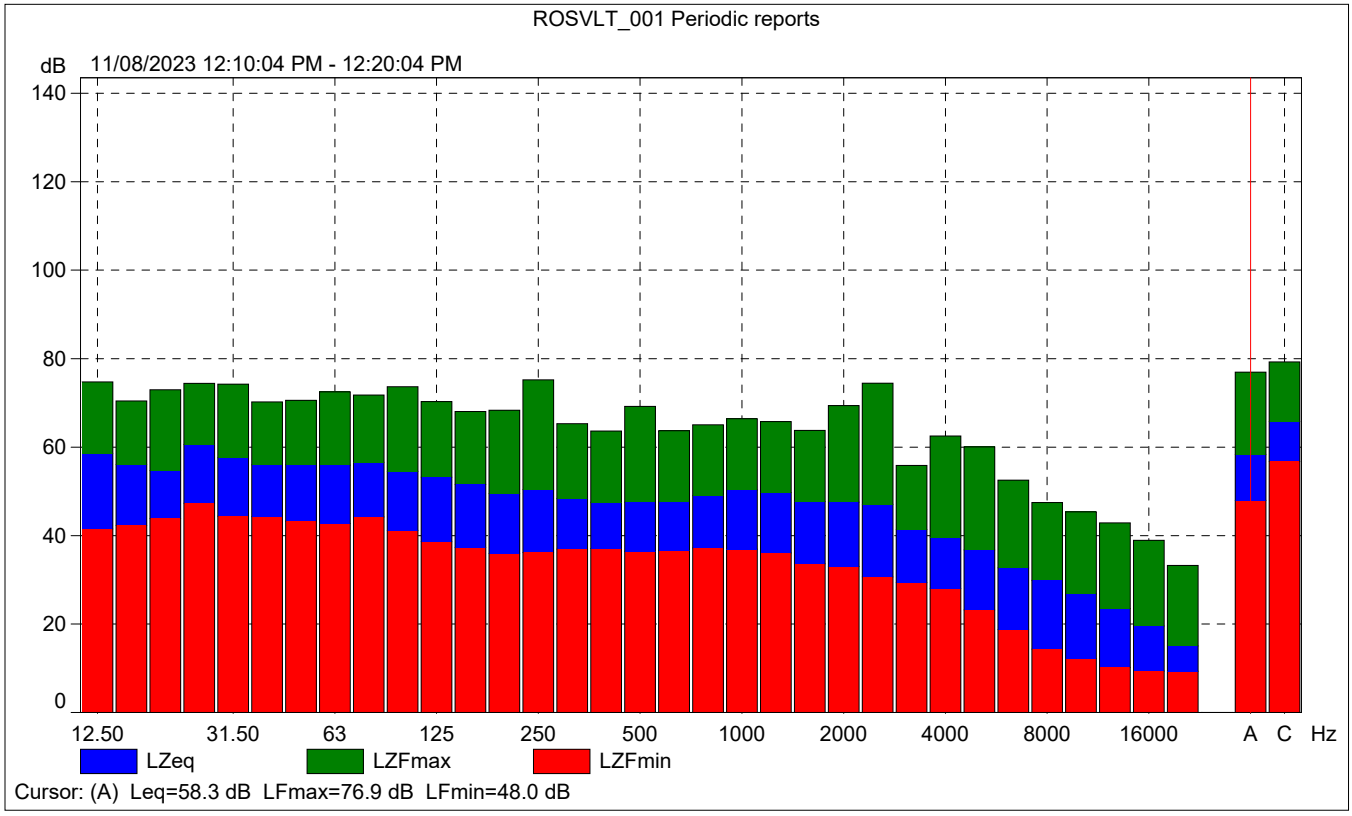
	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	56.3	54.8	51.3
Time	12:15:03 PM	0:00:01				
Date	11/08/2023					

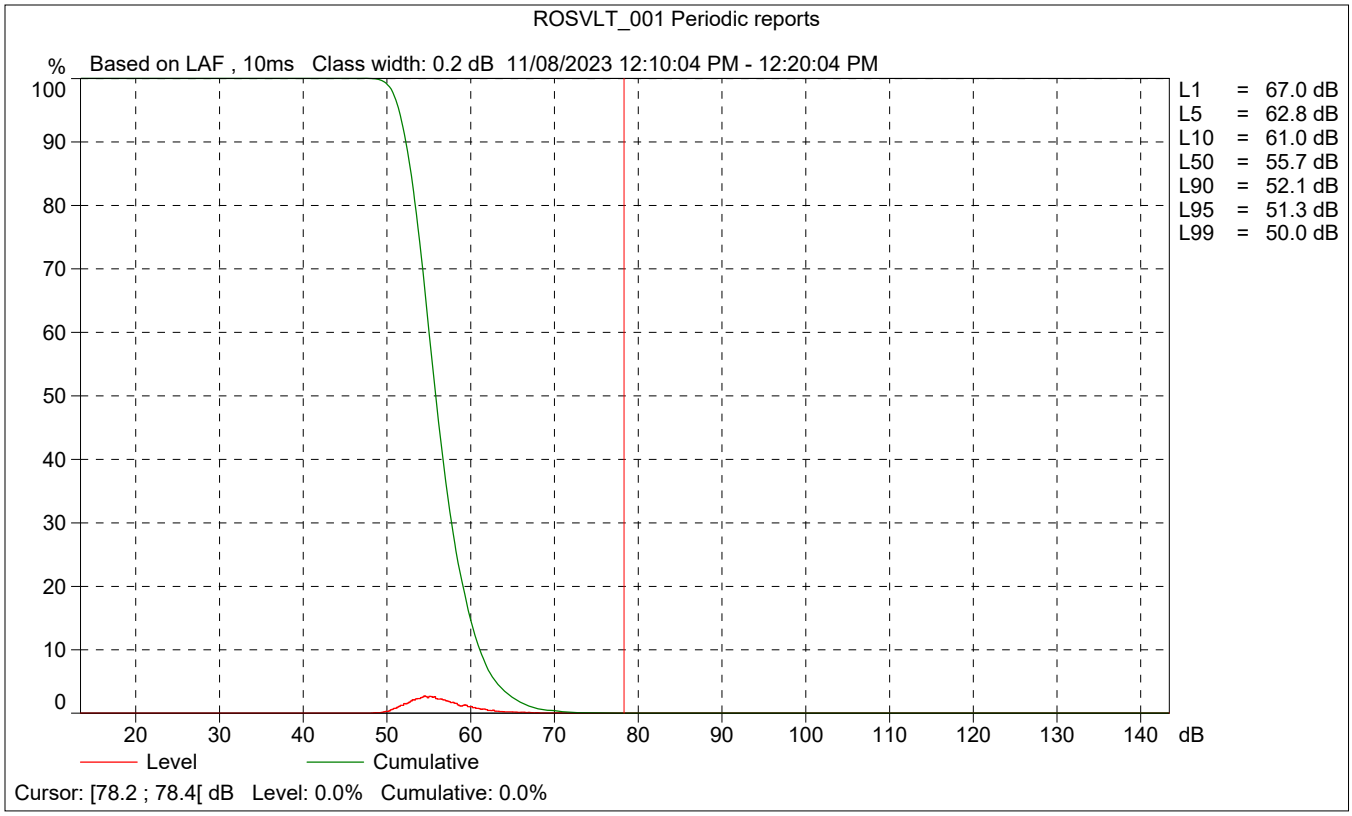

ROSVLT_001
dB
11/08/2023 12:15:03 PM - 12:15:04 PM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=53.5 dB


ROSVLT_001 Periodic reports
dB
140
120
100
80
60
40
20
12:20:00 PM
12:30:00 PM
12:40:00 PM
12:50:00 PM
01:00:00 PM
01:10:00 PM
LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 11/08/2023 12:10:04 PM - 01:10:04 PM LAIeq=62.4 dB LAFmax=76.9 dB LCpeak=91.8 dB LAFmin=48.0 dB

ROSVLT_001 Periodic reports

	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	62.4	76.9	48.0
Time	12:10:04 PM	0:10:00				
Date	11/08/2023					




ROSVLT_001 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 11/08/2023 12:10:04 PM - 12:20:04 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 = 67.0 dB
L5 = 62.8 dB
L10 = 61.0 dB
L50 = 55.7 dB
L90 = 52.1 dB
L95 = 51.3 dB
L99 = 50.0 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.0%

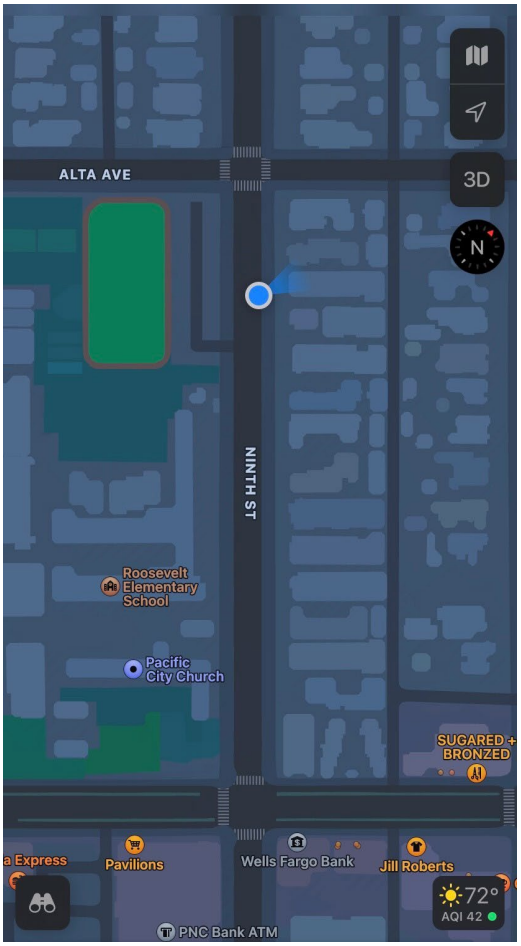
Site Number: NM-2	
Recorded By: Darshan Shivaiah, Dennis Dinh	
Job Number: 195838	
Date: 11/8/2023	
Time: 12:28 p.m.	
Location: In front of 611 Ninth Street	
Source of Ambient Noise: Traffic along Ninth Street and pedestrians walking by	
Source of Peak Noise: Traffic along Ninth Street	

Noise Data		
L_{eq} (dB)	**L_{max}(dB)**	**L_{min} (dB)**
56.1	77.8	45.0

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 = -0.02		**Sensor Height (ft):** 5 ft
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (inches)**
	8 mph	72	30.04

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		11/08/2023 12:28:31
End Time:		11/08/2023 12:38:31
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.18

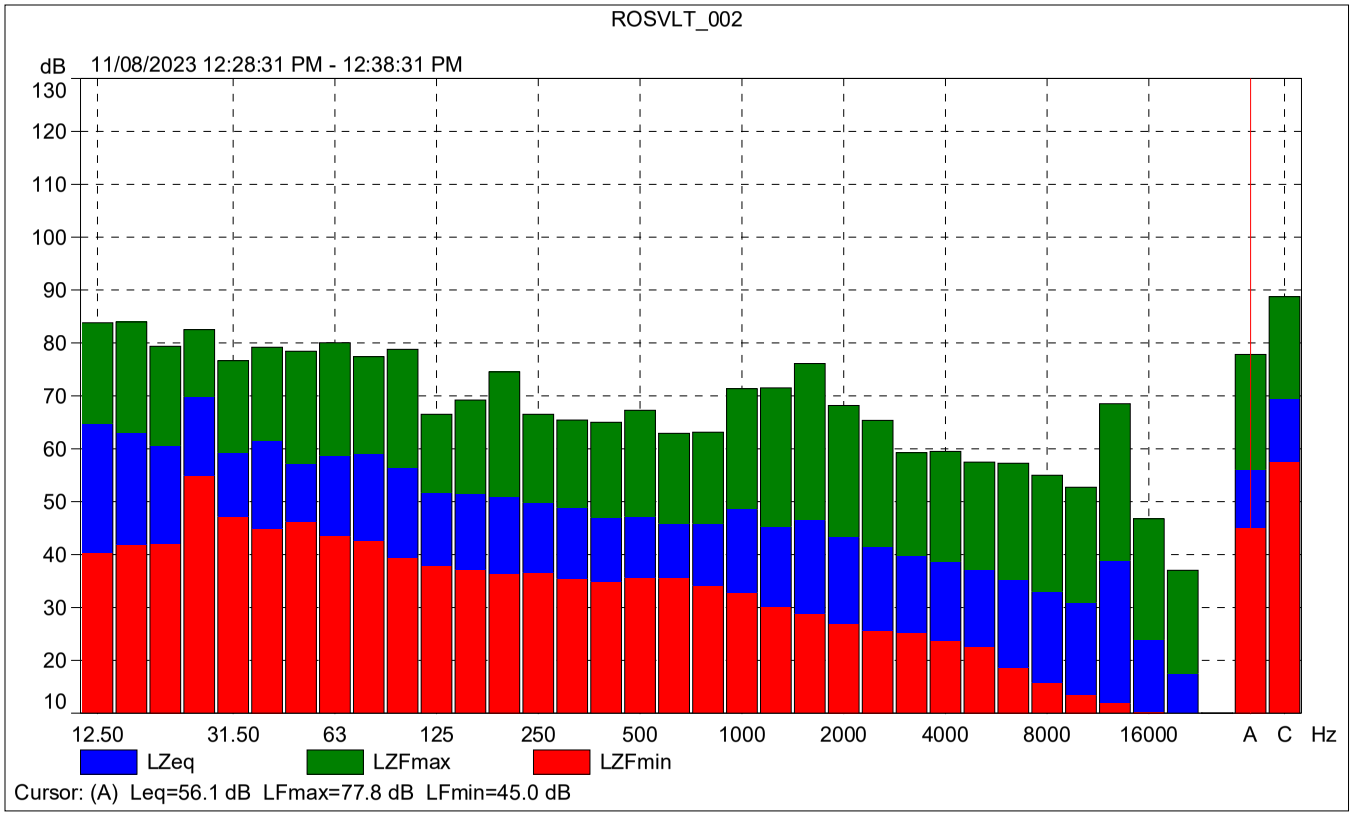
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

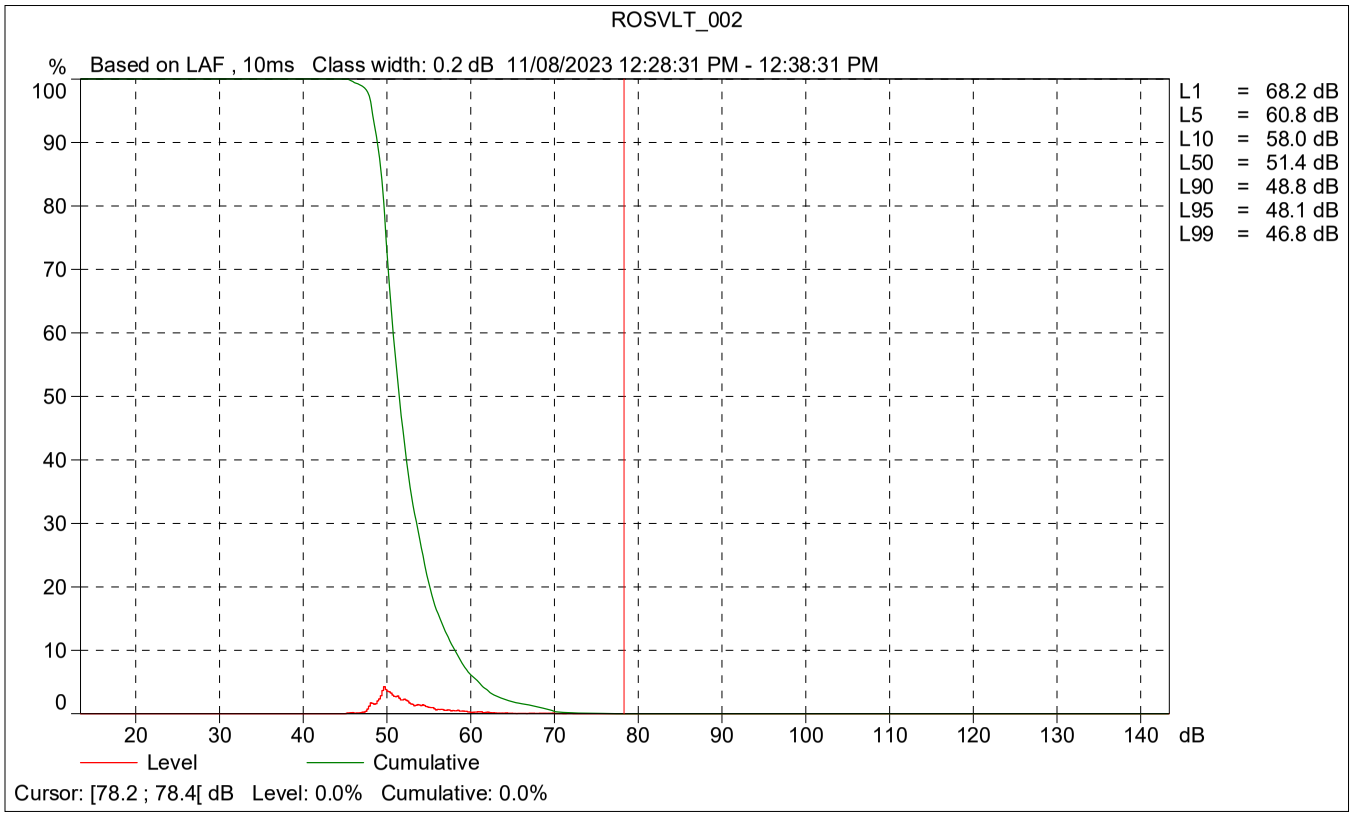
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

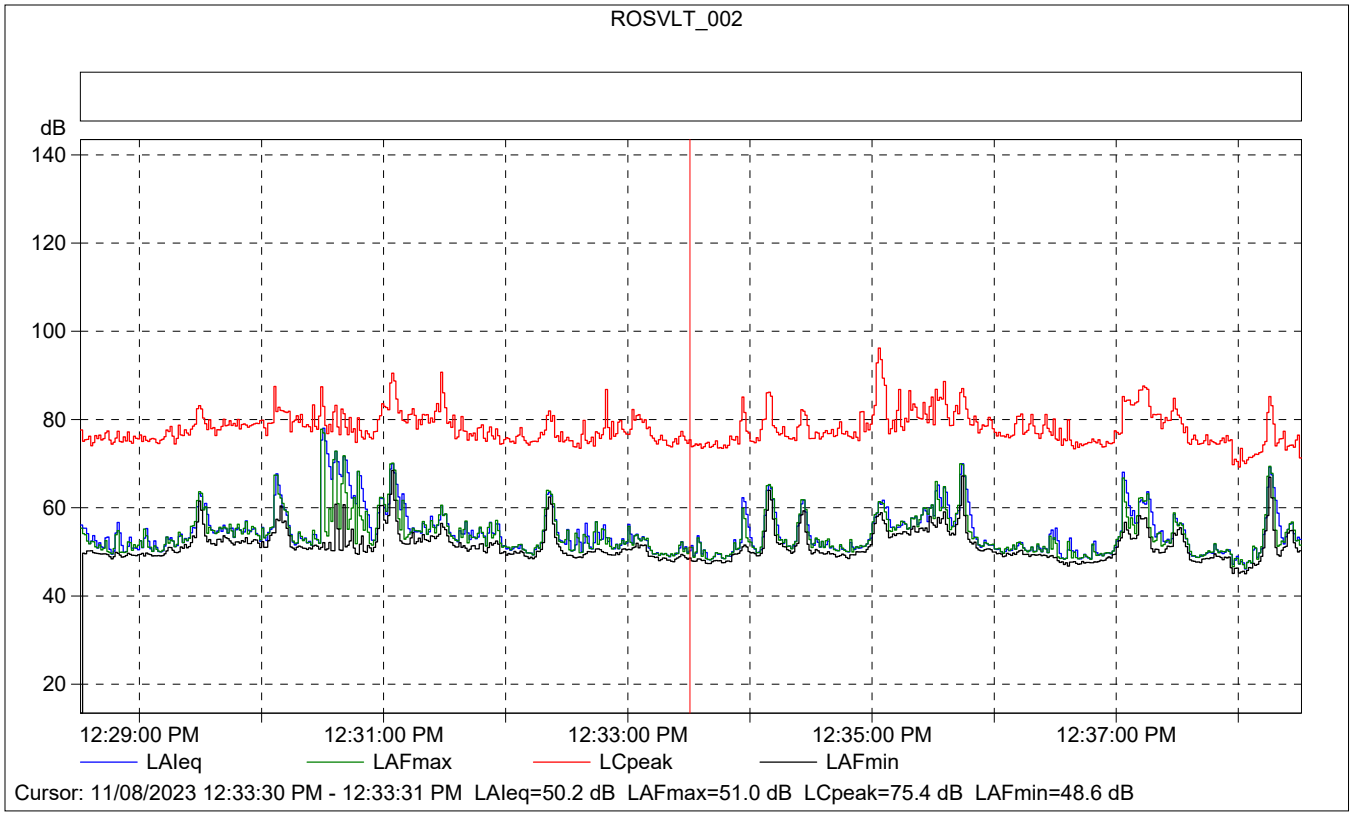
Calibration Time:		11/08/2023 12:08:07
Calibration Type:		External reference
Sensitivity:		43.3311276137829 mV/Pa

ROSVLT_002

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	56.1	77.8	45.0
Time	12:28:31 PM	12:38:31 PM	0:10:00				
Date	11/08/2023	11/08/2023					

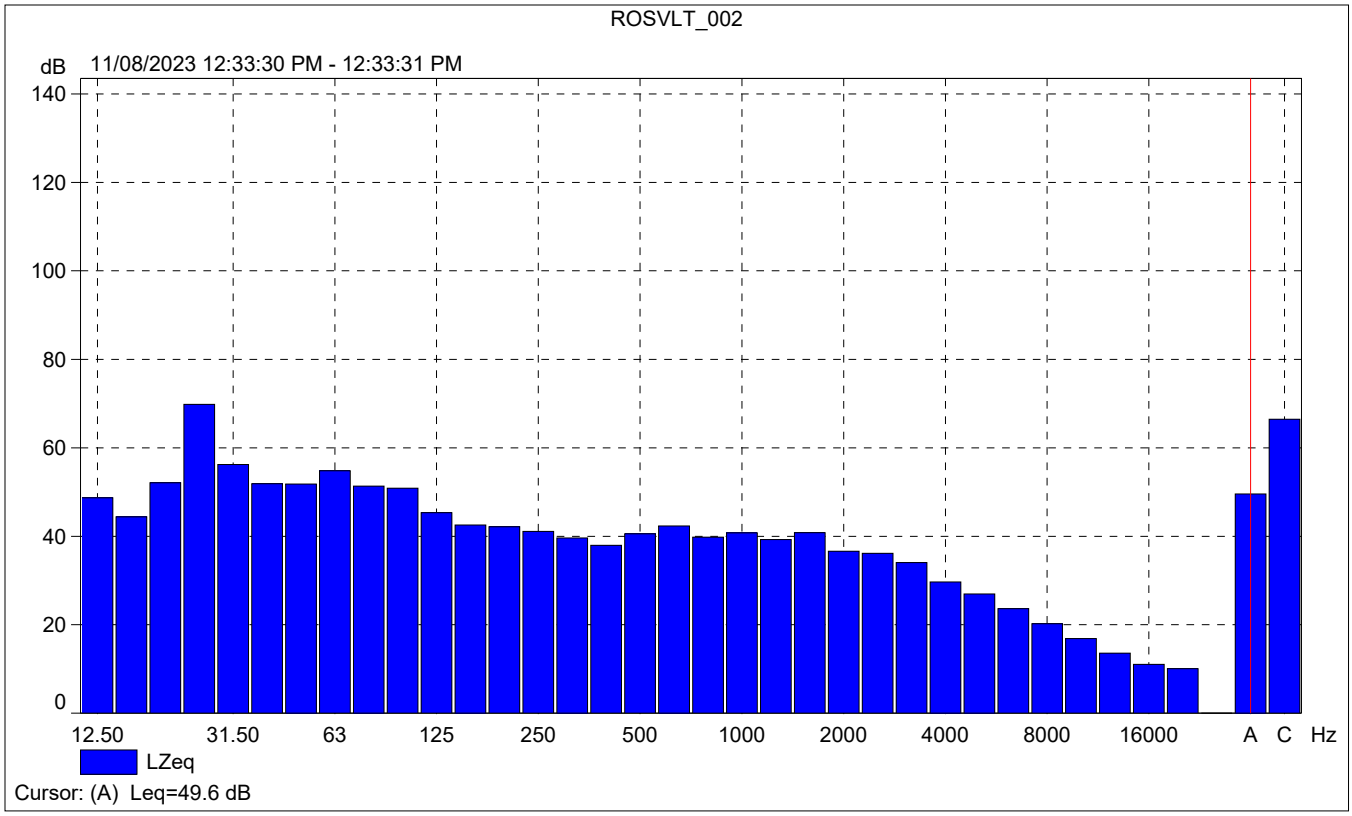

ROSVLT_002
dB
11/08/2023 12:28:31 PM - 12:38:31 PM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=56.1 dB LFmax=77.8 dB LFmin=45.0 dB

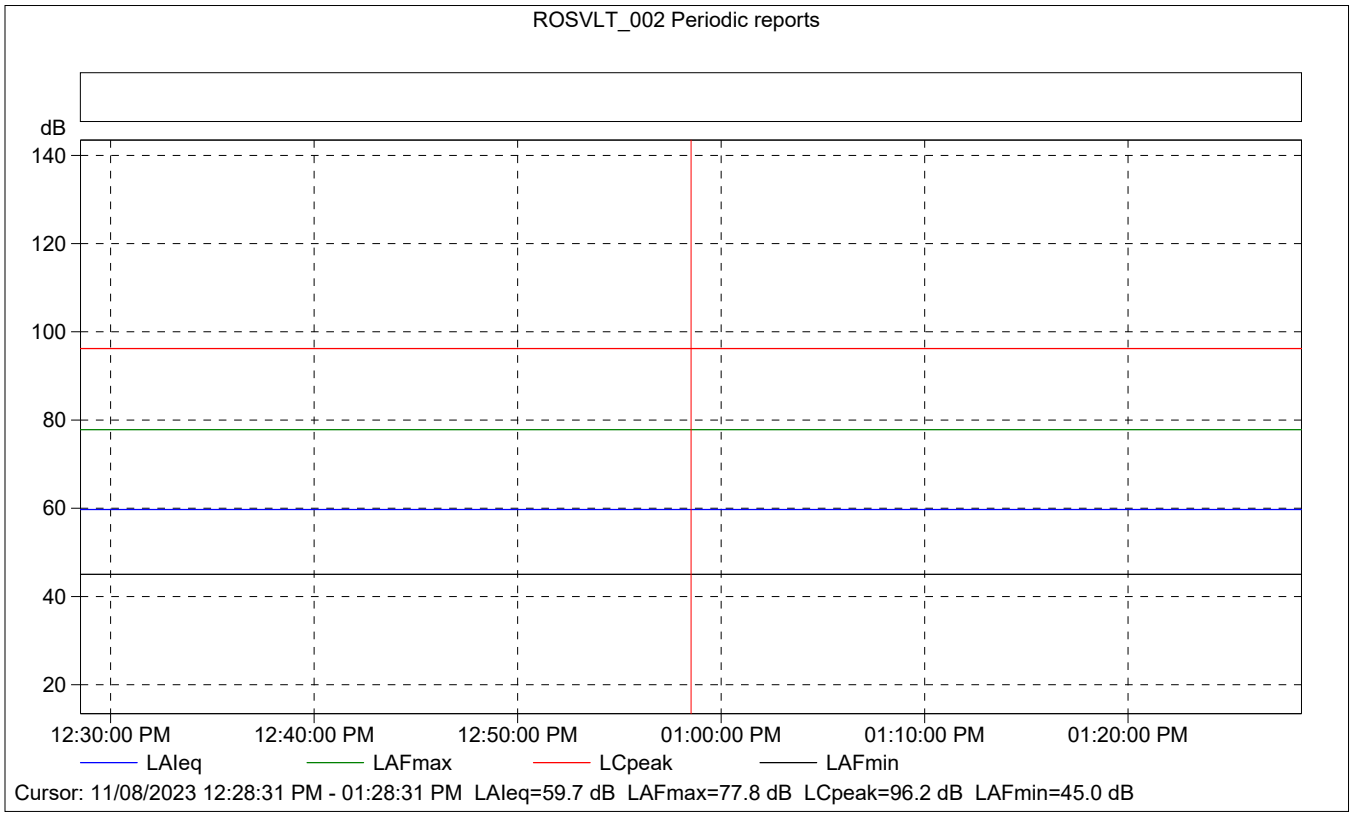

ROSVLT_002
%
Based on LAF , 10ms Class width: 0.2 dB 11/08/2023 12:28:31 PM - 12:38:31 PM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 68.2 dB
L5 = 60.8 dB
L10 = 58.0 dB
L50 = 51.4 dB
L90 = 48.8 dB
L95 = 48.1 dB
L99 = 46.8 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.0%



ROSVLT_002

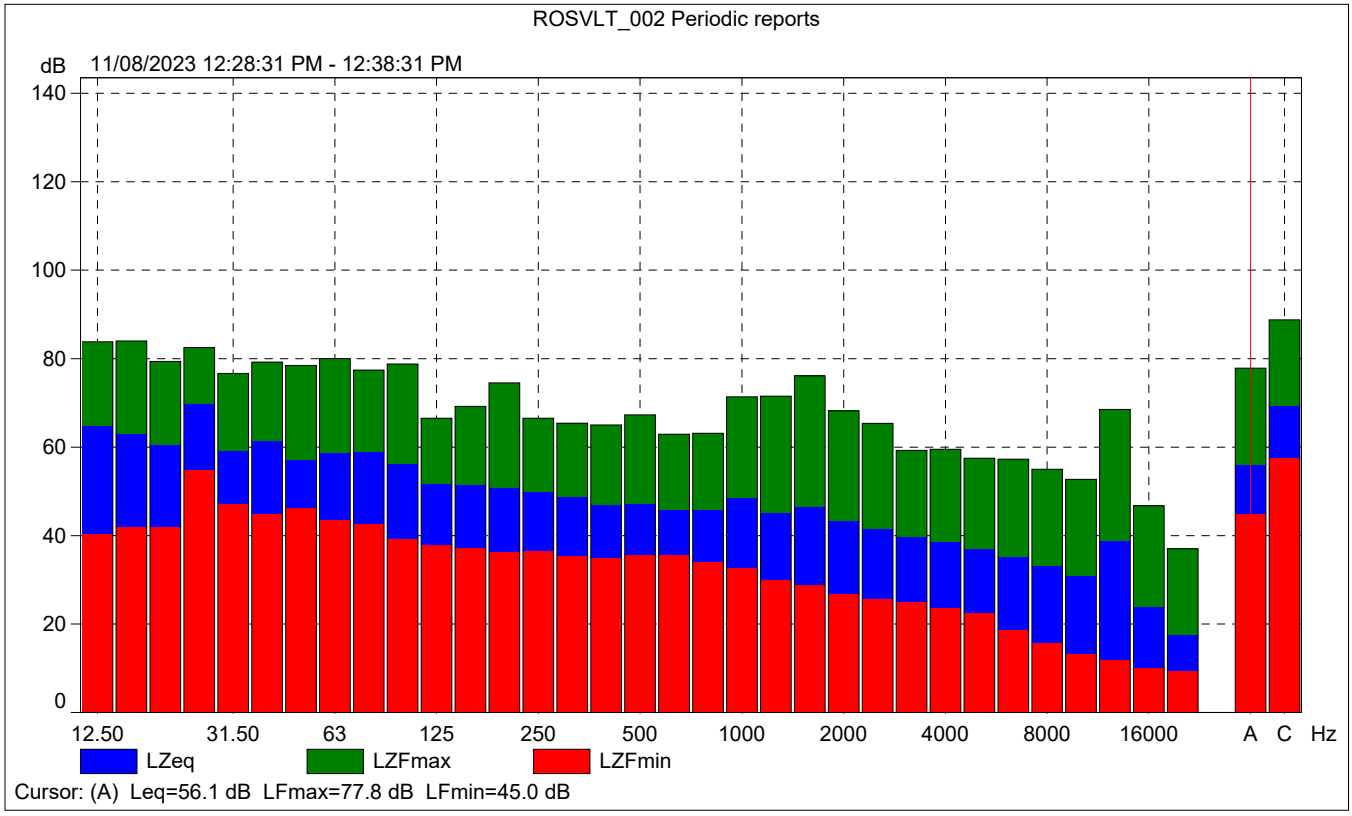
	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	50.2	51.0	48.6
Time	12:33:30 PM	0:00:01				
Date	11/08/2023					

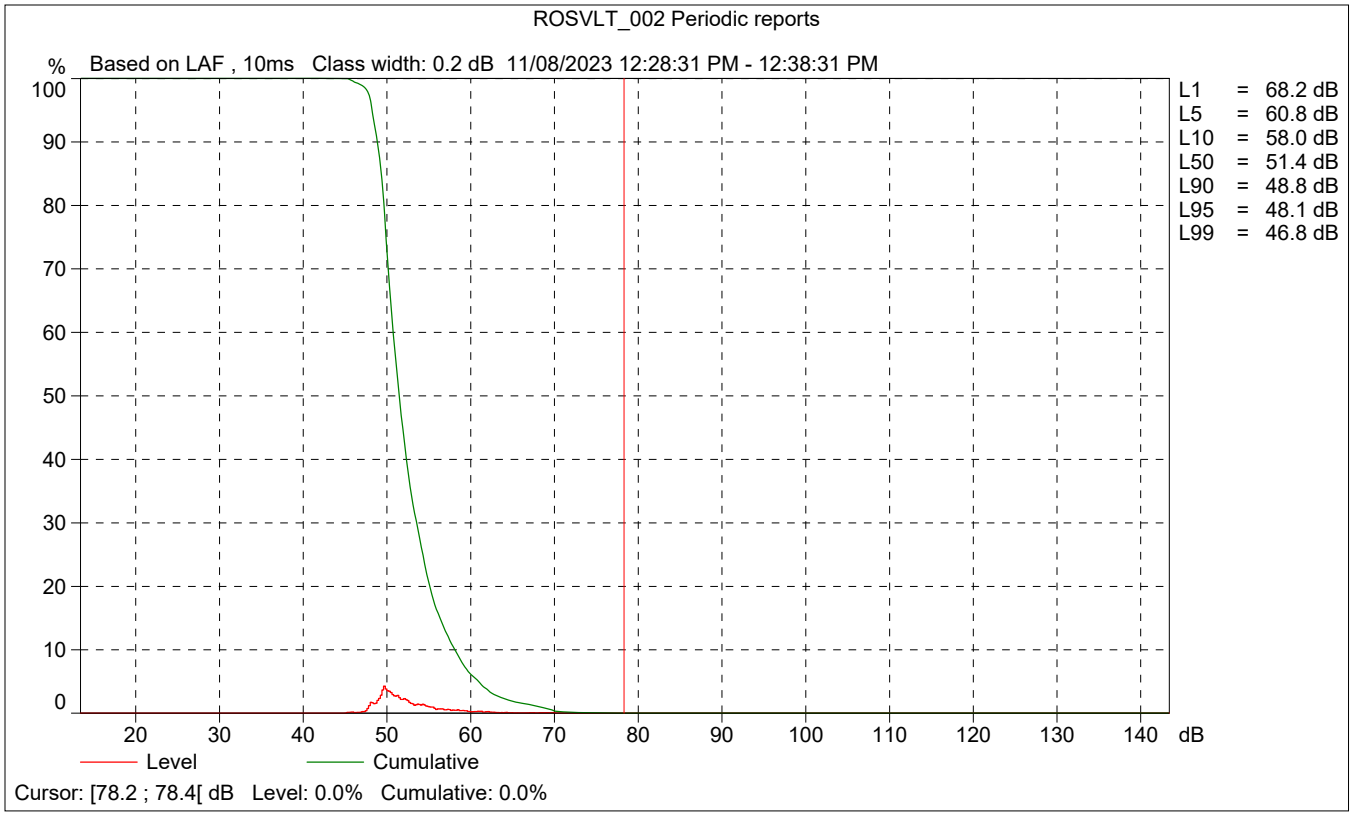

ROSVLT_002
dB
11/08/2023 12:33:30 PM - 12:33:31 PM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=49.6 dB


ROSVLT_002 Periodic reports
dB
140
120
100
80
60
40
20
12:30:00 PM
12:40:00 PM
12:50:00 PM
01:00:00 PM
01:10:00 PM
01:20:00 PM
LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 11/08/2023 12:28:31 PM - 01:28:31 PM LAIeq=59.7 dB LAFmax=77.8 dB LCpeak=96.2 dB LAFmin=45.0 dB

ROSVLT_002 Periodic reports

	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	59.7	77.8	45.0
Time	12:28:31 PM	0:10:00				
Date	11/08/2023					




ROSVLT_002 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 11/08/2023 12:28:31 PM - 12:38:31 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 = 68.2 dB
L5 = 60.8 dB
L10 = 58.0 dB
L50 = 51.4 dB
L90 = 48.8 dB
L95 = 48.1 dB
L99 = 46.8 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.0%

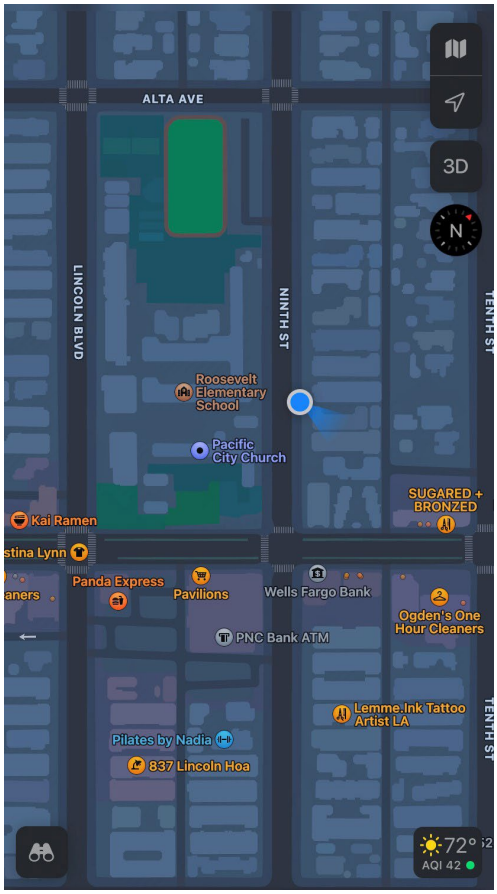
Site Number: NM-3	
Recorded By: Darshan Shivaiah, Dennis Dinh	
Job Number: 195838	
Date: 11/8/2023	
Time: 12:44 p.m.	
Location: In front of 717 Ninth Street	
Source of Ambient Noise: Traffic along Ninth Street and pedestrians walking by	
Source of Peak Noise: Traffic along Ninth Street	

Noise Data		
L_{eq} (dB)	**L_{max}(dB)**	**L_{min} (dB)**
55.7	71.4	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 = -0.02		**Sensor Height (ft):** 5 ft
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (inches)**
	8 mph	72	30.04

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		11/08/2023 12:44:19
End Time:		11/08/2023 12:54:19
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.18

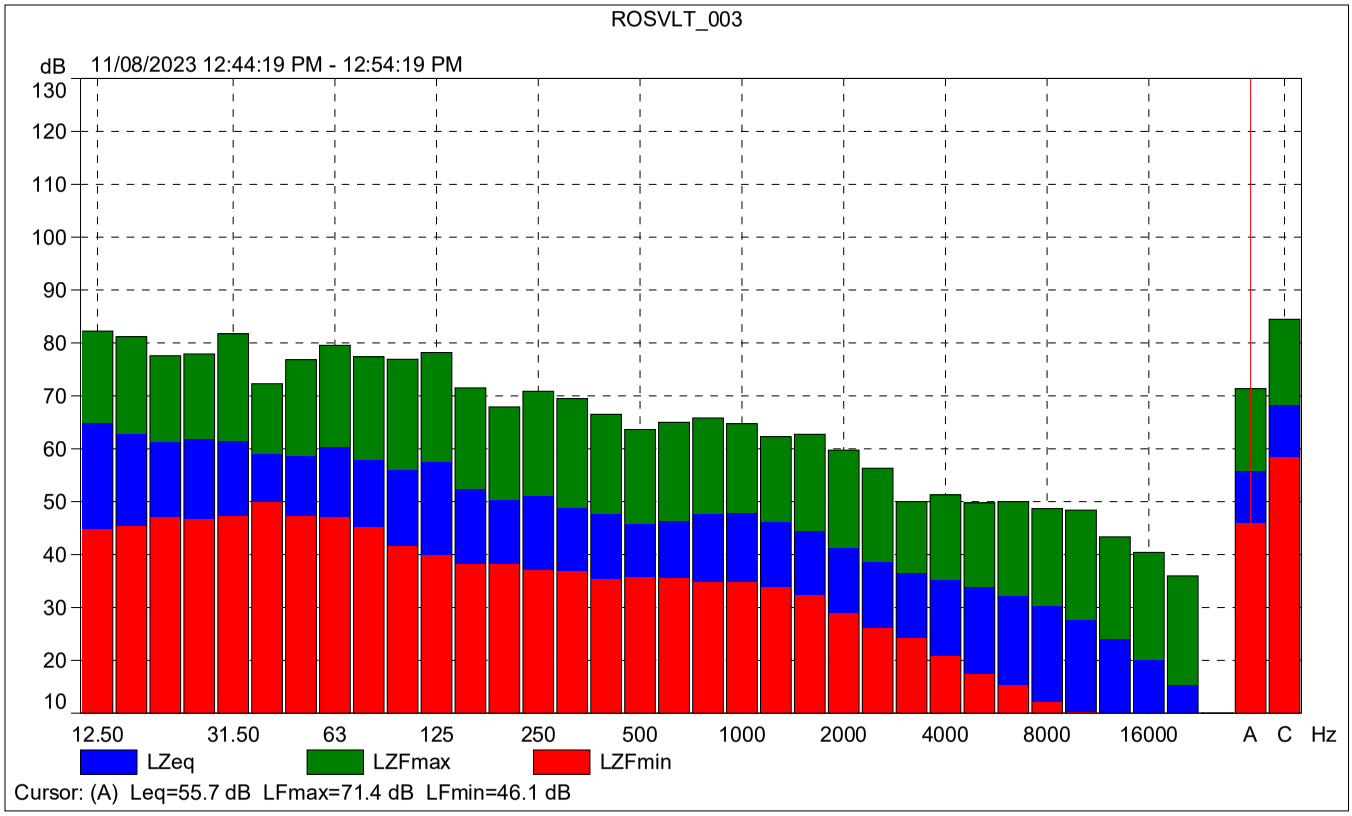
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

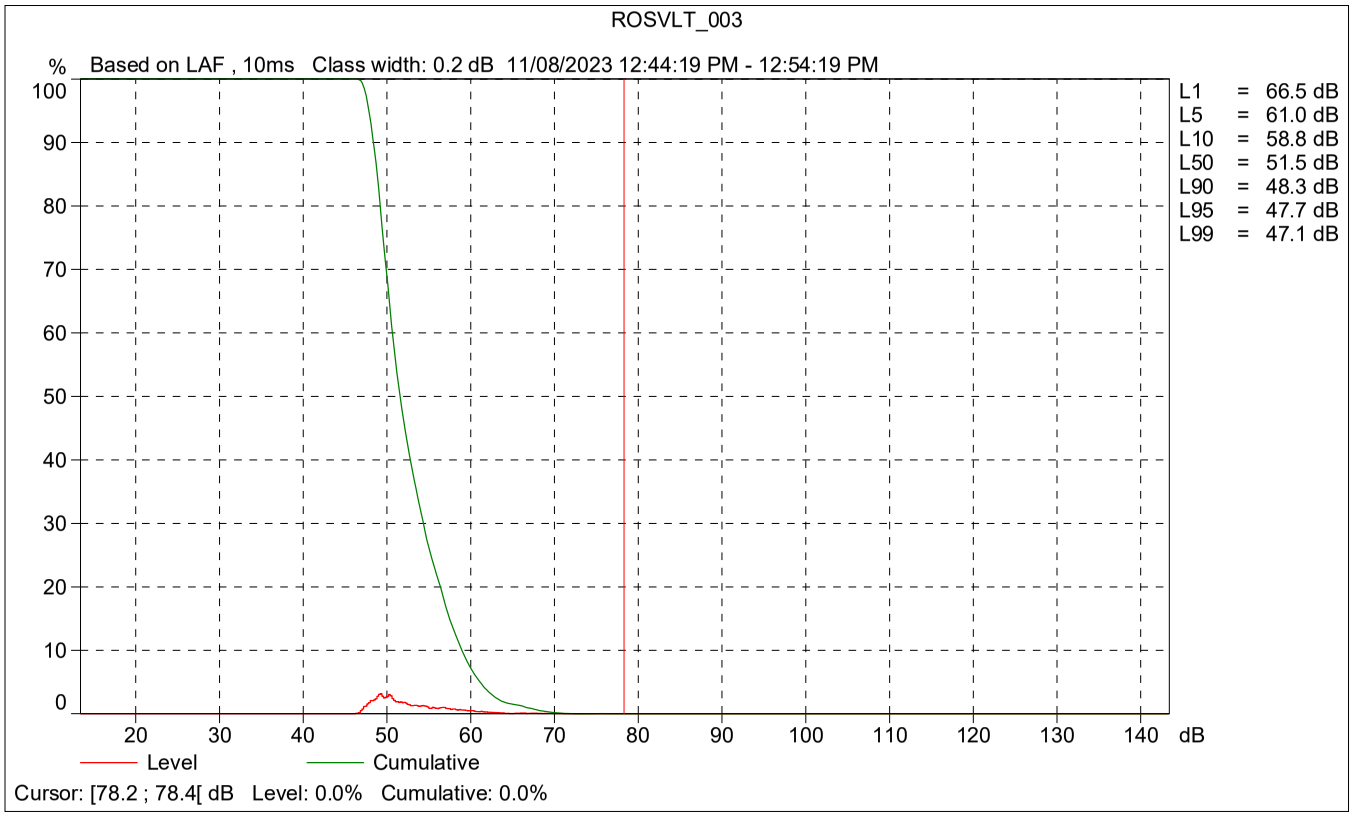
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

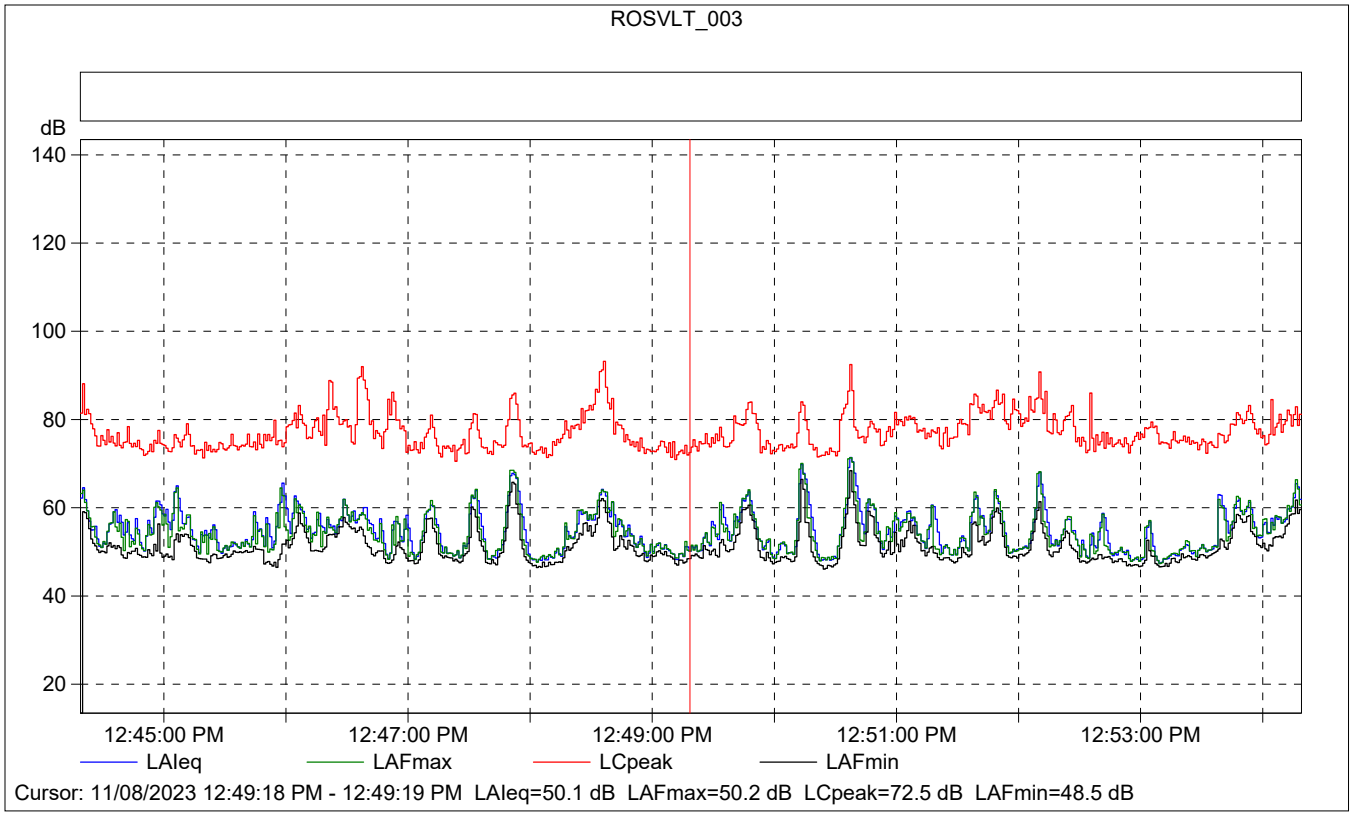
Calibration Time:		11/08/2023 12:08:07
Calibration Type:		External reference
Sensitivity:		43.3311276137829 mV/Pa

ROSVLT_003

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	55.7	71.4	46.1
Time	12:44:19 PM	12:54:19 PM	0:10:00				
Date	11/08/2023	11/08/2023					

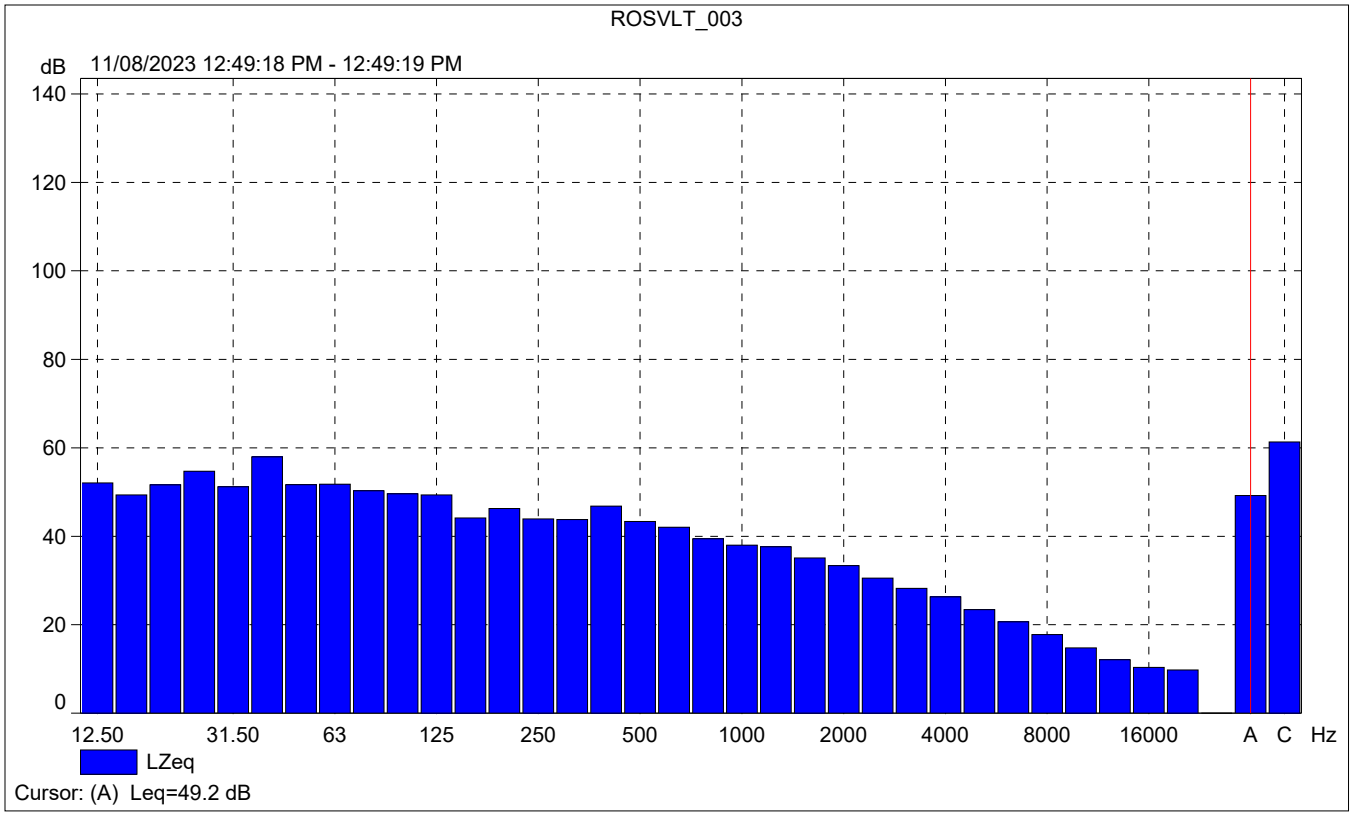

ROSVLT_003
dB
11/08/2023 12:44:19 PM - 12:54:19 PM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=55.7 dB LFmax=71.4 dB LFmin=46.1 dB

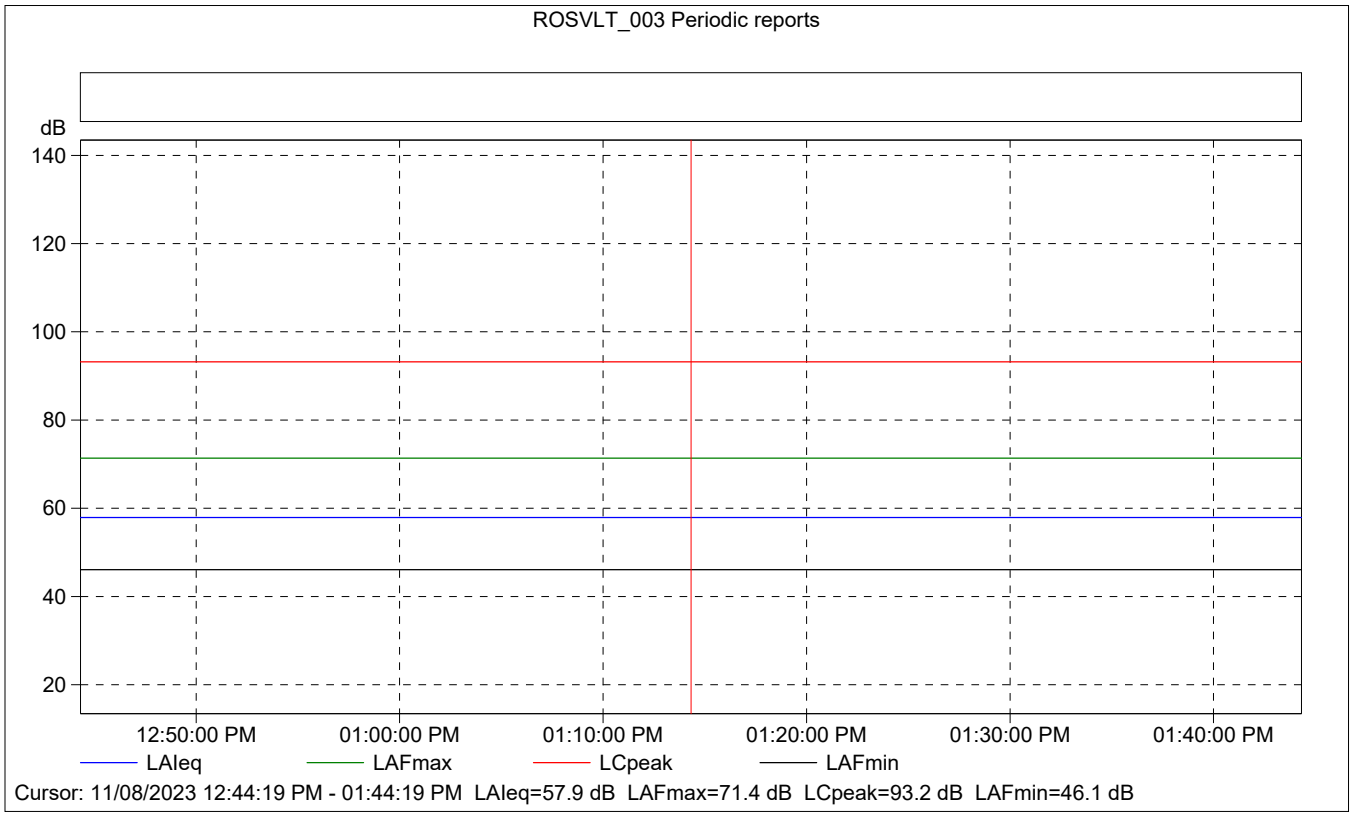

ROSVLT_003
%
Based on LAF , 10ms Class width: 0.2 dB 11/08/2023 12:44:19 PM - 12:54:19 PM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 66.5 dB
L5 = 61.0 dB
L10 = 58.8 dB
L50 = 51.5 dB
L90 = 48.3 dB
L95 = 47.7 dB
L99 = 47.1 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.0%



ROSVLT_003

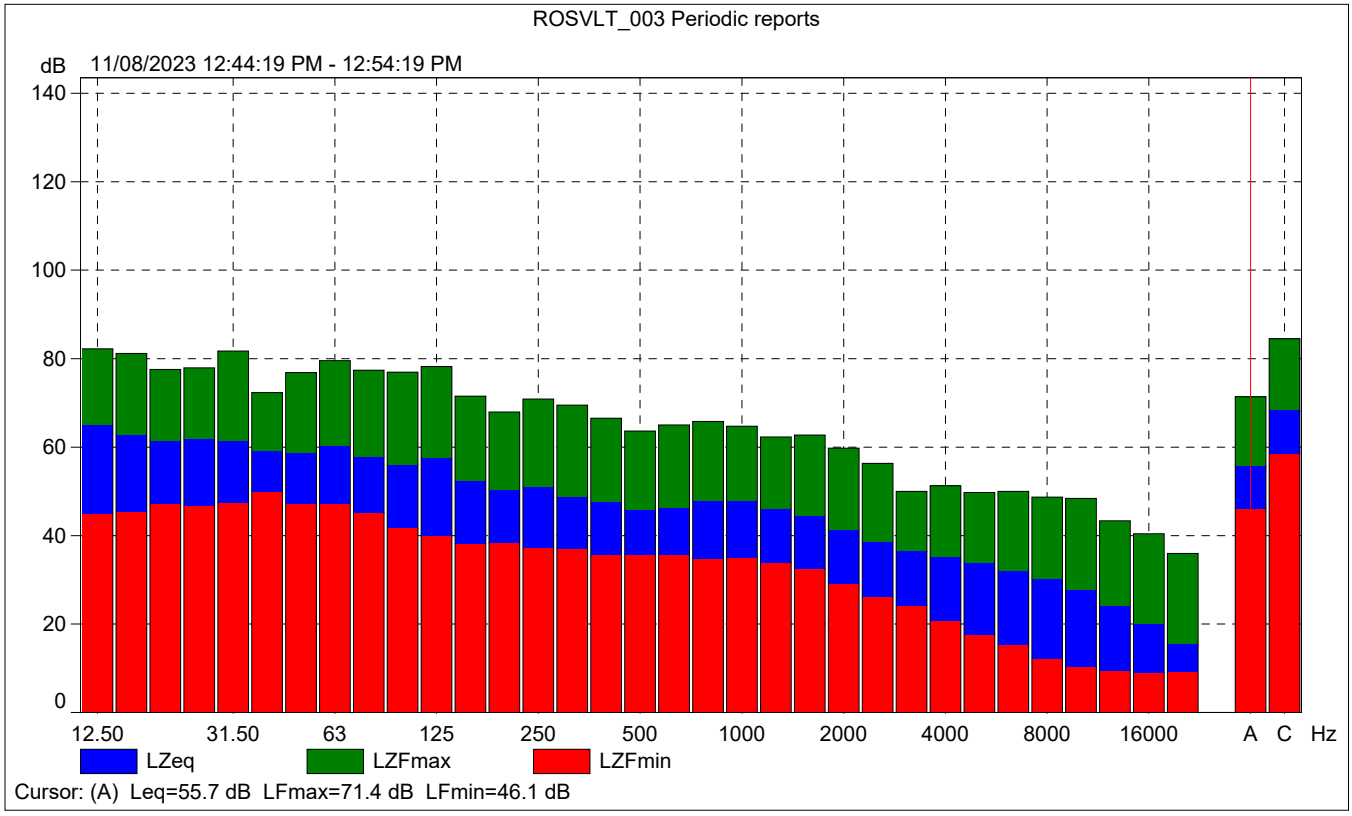
	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	50.1	50.2	48.5
Time	12:49:18 PM	0:00:01				
Date	11/08/2023					

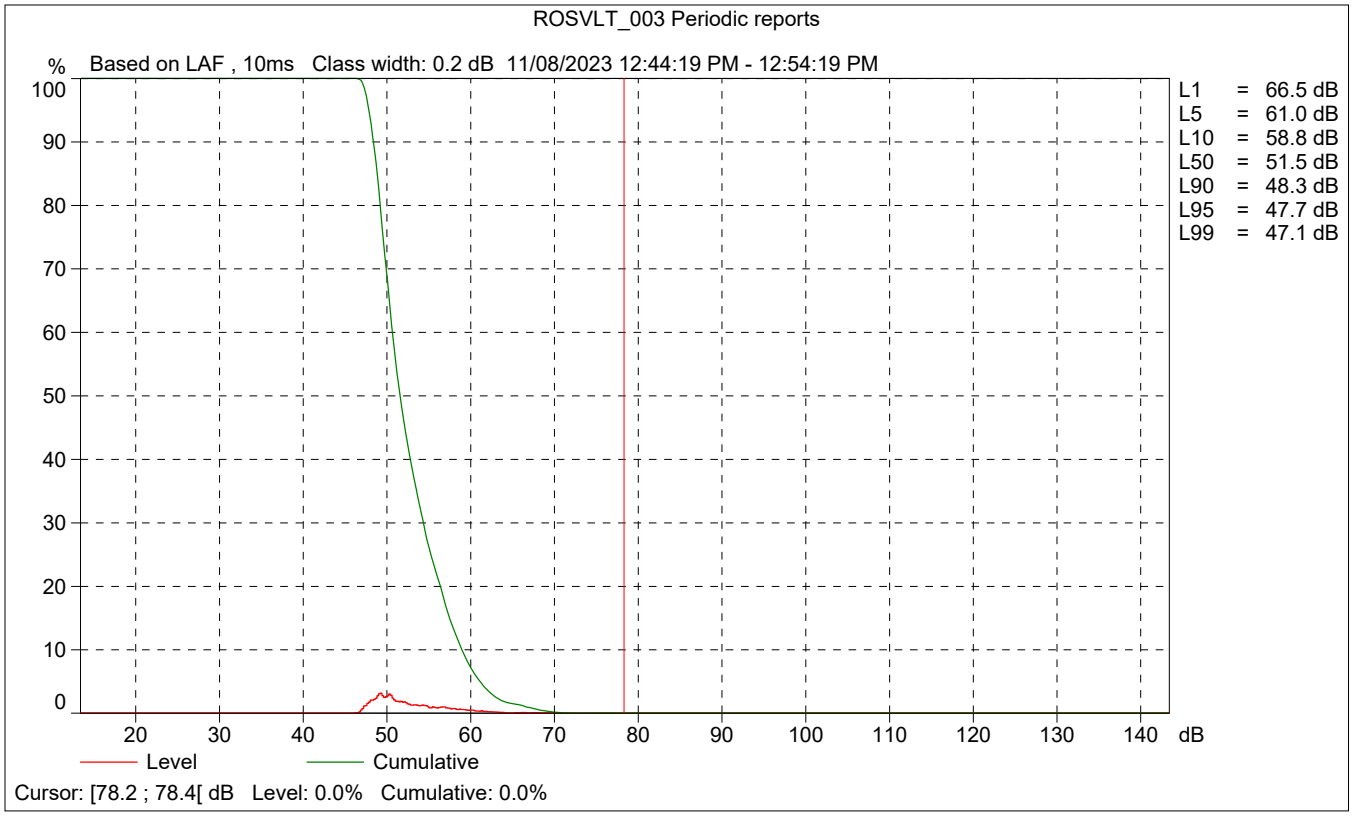

ROSVLT_003
dB
11/08/2023 12:49:18 PM - 12:49:19 PM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=49.2 dB


ROSVLT_003 Periodic reports
dB
140
120
100
80
60
40
20
12:50:00 PM
01:00:00 PM
01:10:00 PM
01:20:00 PM
01:30:00 PM
01:40:00 PM
LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 11/08/2023 12:44:19 PM - 01:44:19 PM LAIeq=57.9 dB LAFmax=71.4 dB LCpeak=93.2 dB LAFmin=46.1 dB

ROSVLT_003 Periodic reports

	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	57.9	71.4	46.1
Time	12:44:19 PM	0:10:00				
Date	11/08/2023					




ROSVLT_003 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 11/08/2023 12:44:19 PM - 12:54:19 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 = 66.5 dB
L5 = 61.0 dB
L10 = 58.8 dB
L50 = 51.5 dB
L90 = 48.3 dB
L95 = 47.7 dB
L99 = 47.1 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.0%

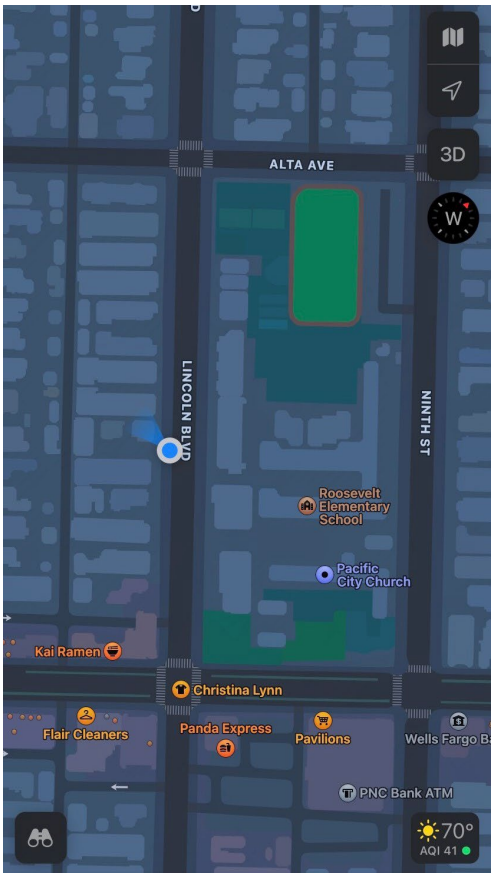
Site Number: NM-4	
Recorded By: Darshan Shivaiah, Dennis Dinh	
Job Number: 195838	
Date: 11/8/2023	
Time: 1:01 p.m.	
Location: In front of 702-706 Lincoln Boulevard	
Source of Ambient Noise: Traffic along Lincoln Boulevard	
Source of Peak Noise: Traffic along Lincoln Boulevard	

Noise Data		
L_{eq} (dB)	**L_{max}(dB)**	**L_{min} (dB)**
59.8	81.3	46.0

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 = -0.02		**Sensor Height (ft):** 5 ft
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (inches)**
	8 mph	72	30.04

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		11/08/2023 13:01:49
End Time:		11/08/2023 13:11:49
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.18

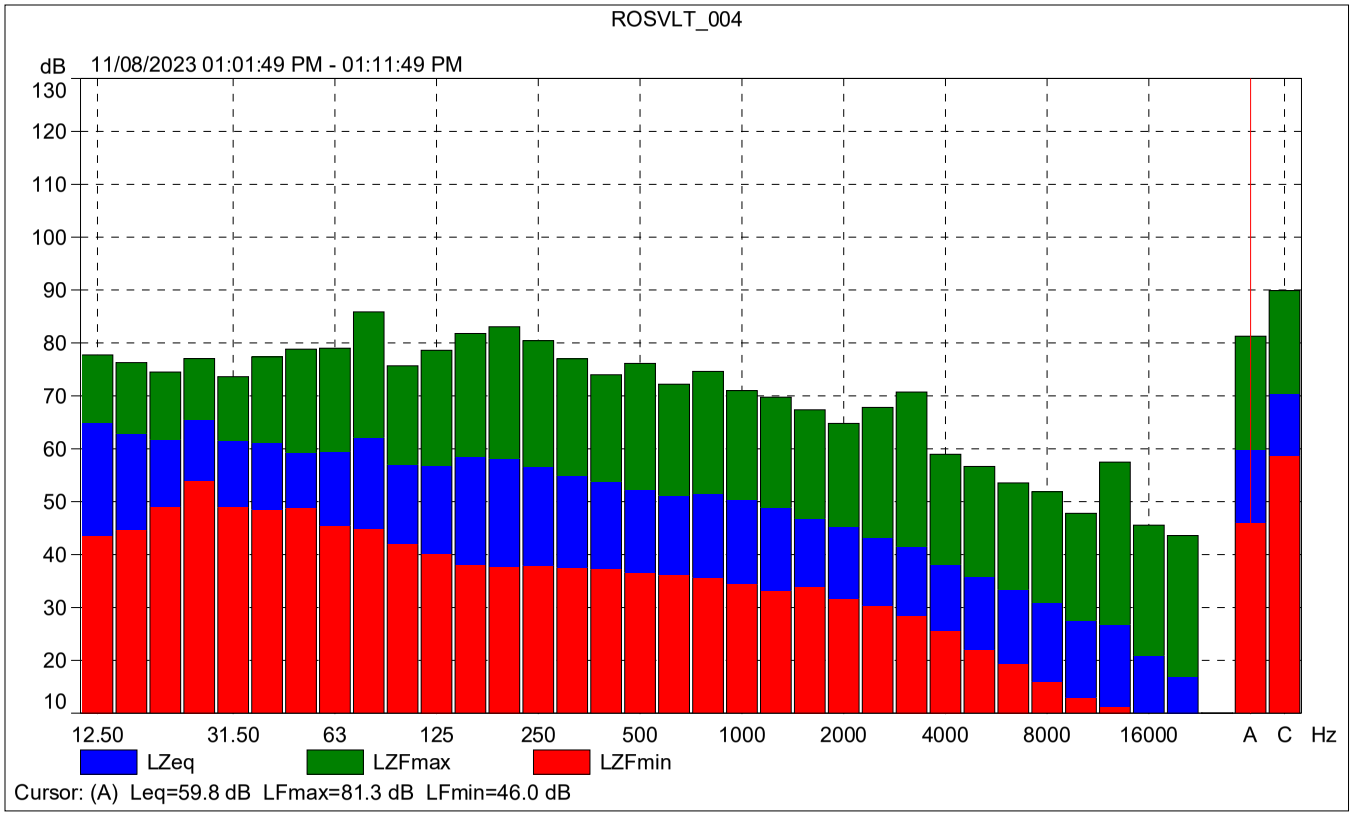
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

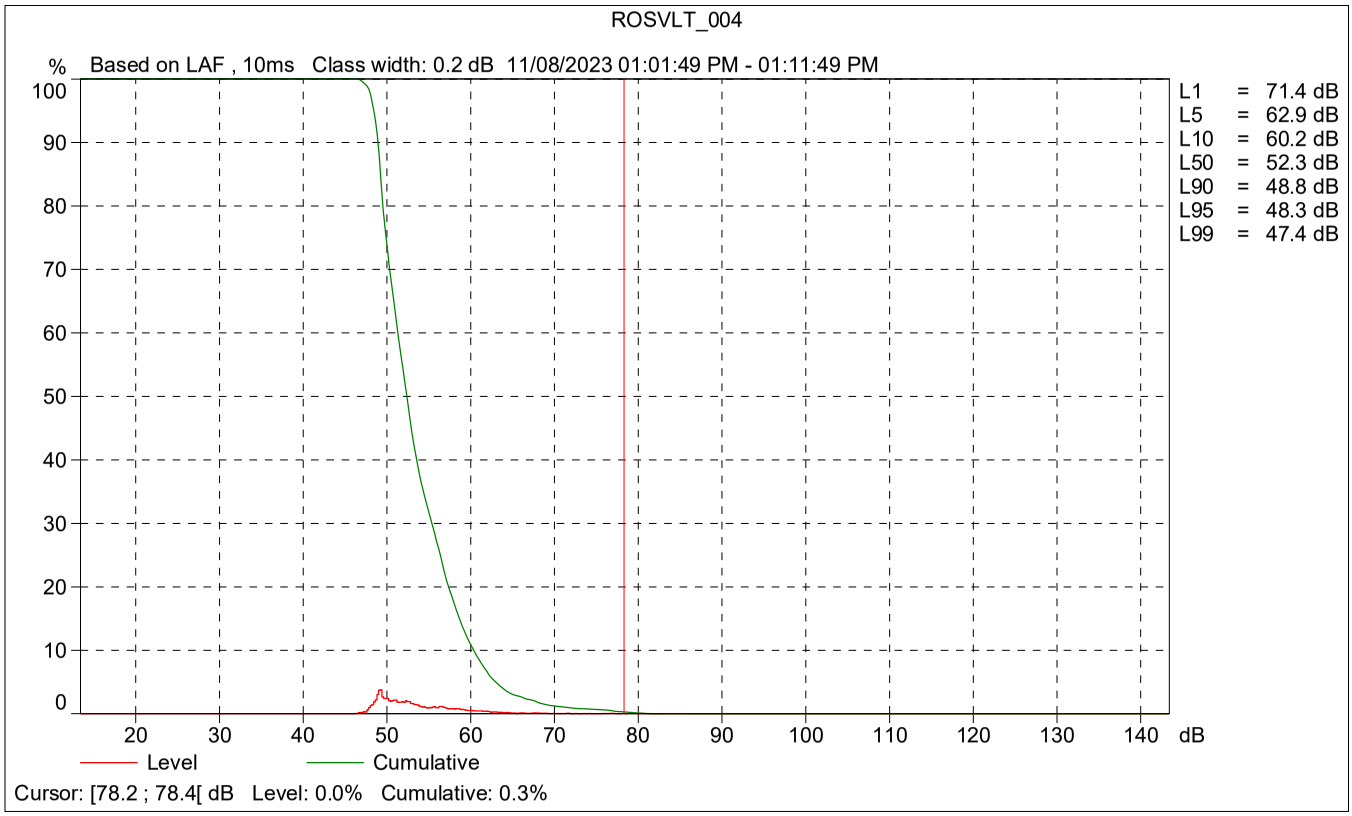
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

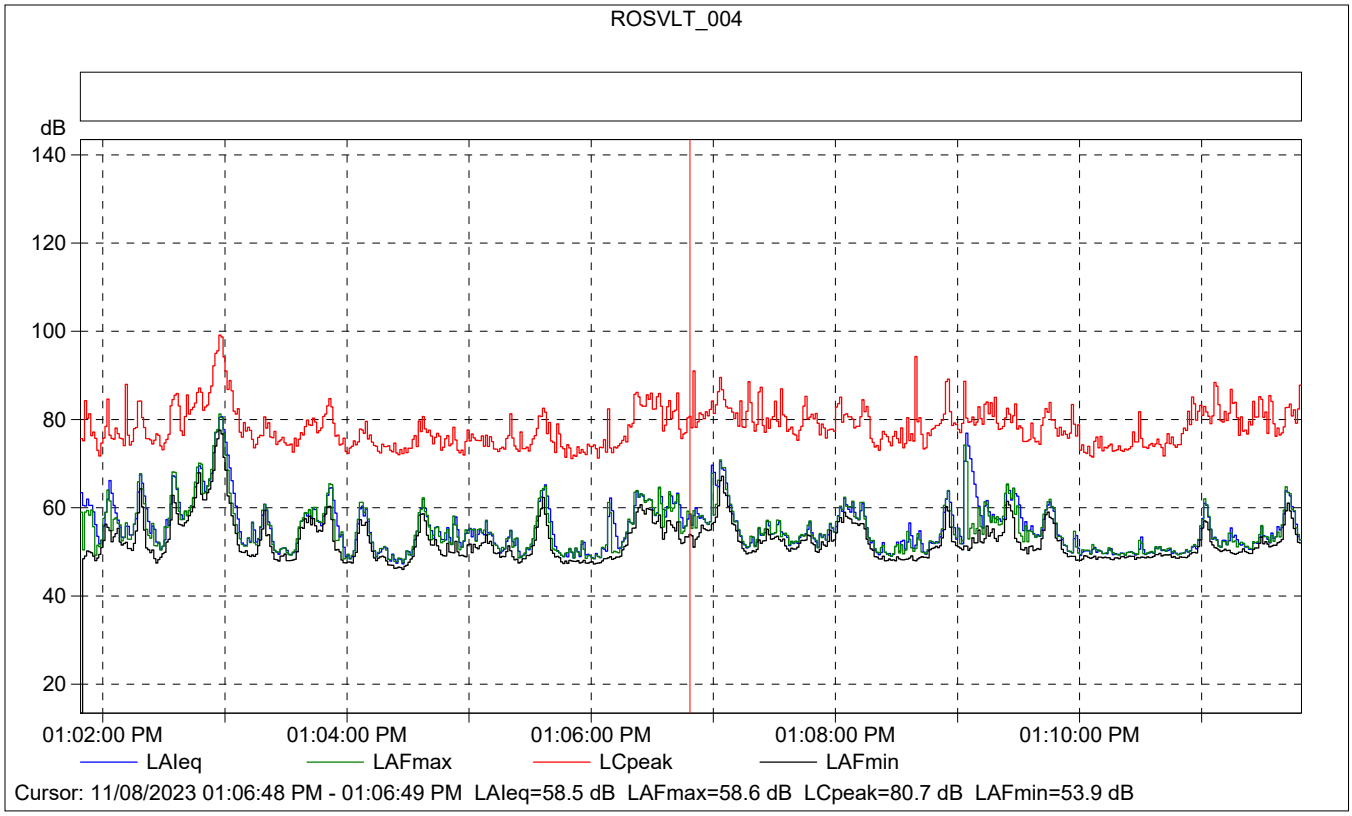
Calibration Time:		11/08/2023 12:08:07
Calibration Type:		External reference
Sensitivity:		43.3311276137829 mV/Pa

ROSVLT_004

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	59.8	81.3	46.0
Time	01:01:49 PM	01:11:49 PM	0:10:00				
Date	11/08/2023	11/08/2023					

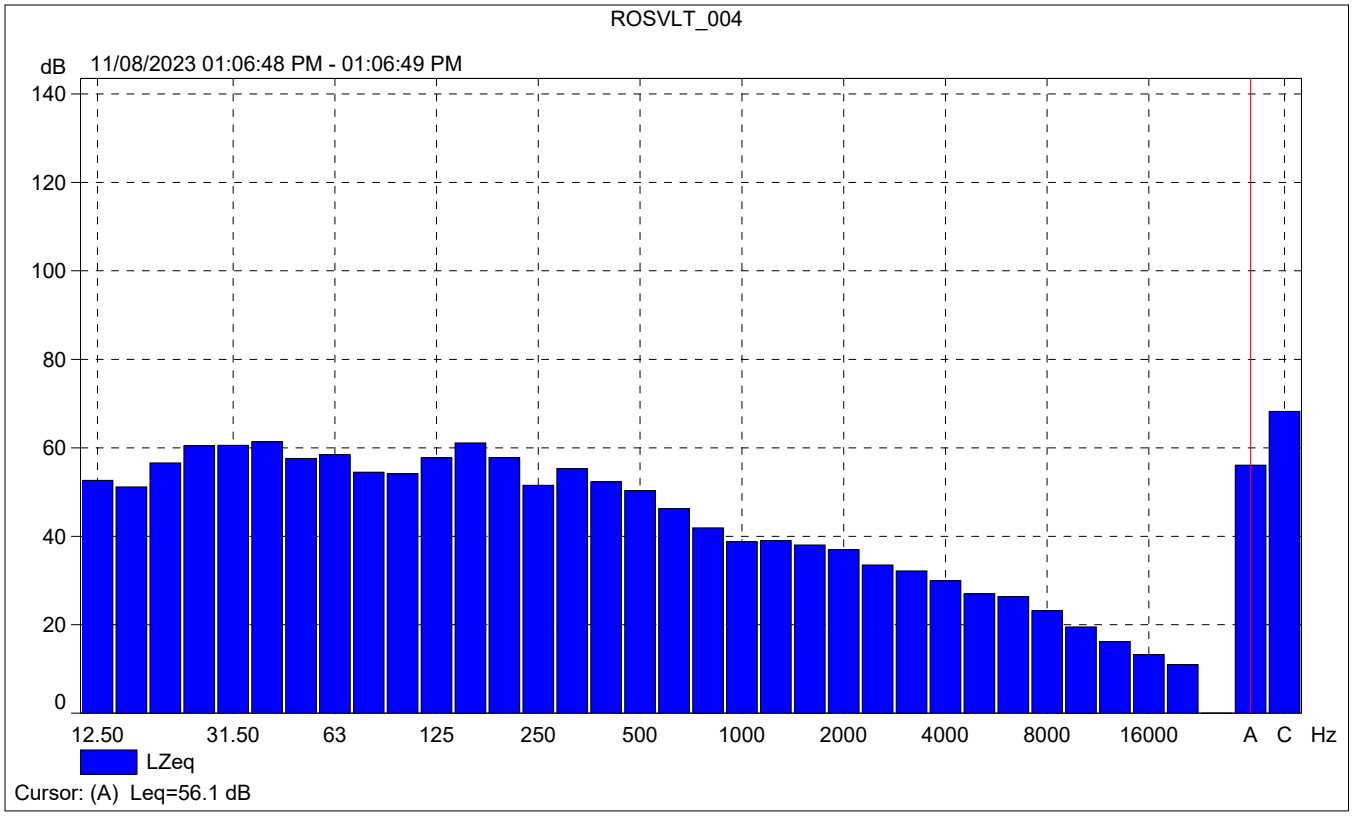

ROSVLT_004
dB
11/08/2023 01:01:49 PM - 01:11:49 PM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=59.8 dB LFmax=81.3 dB LFmin=46.0 dB

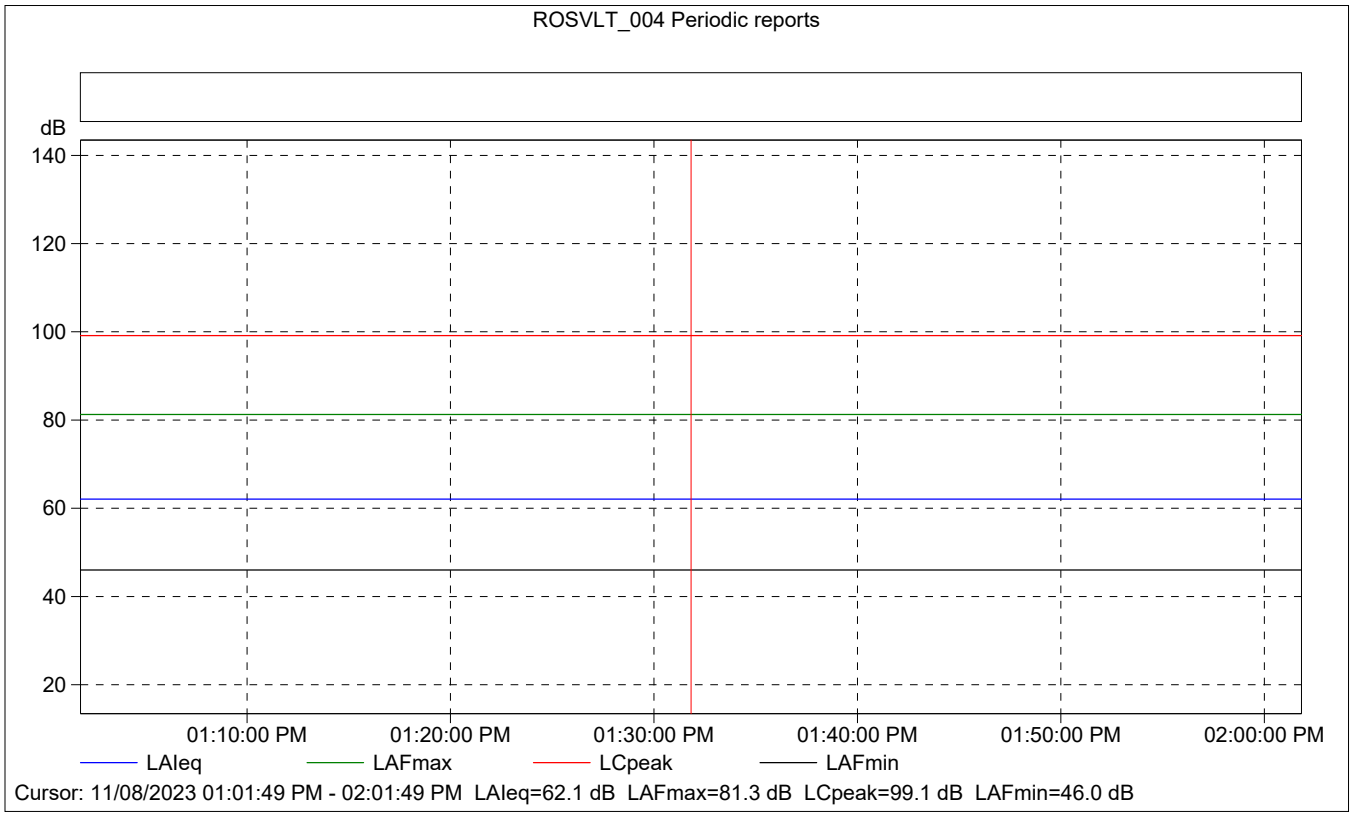

ROSVLT_004
%
Based on LAF , 10ms Class width: 0.2 dB 11/08/2023 01:01:49 PM - 01:11:49 PM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 71.4 dB
L5 = 62.9 dB
L10 = 60.2 dB
L50 = 52.3 dB
L90 = 48.8 dB
L95 = 48.3 dB
L99 = 47.4 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.3%



ROSVLT_004

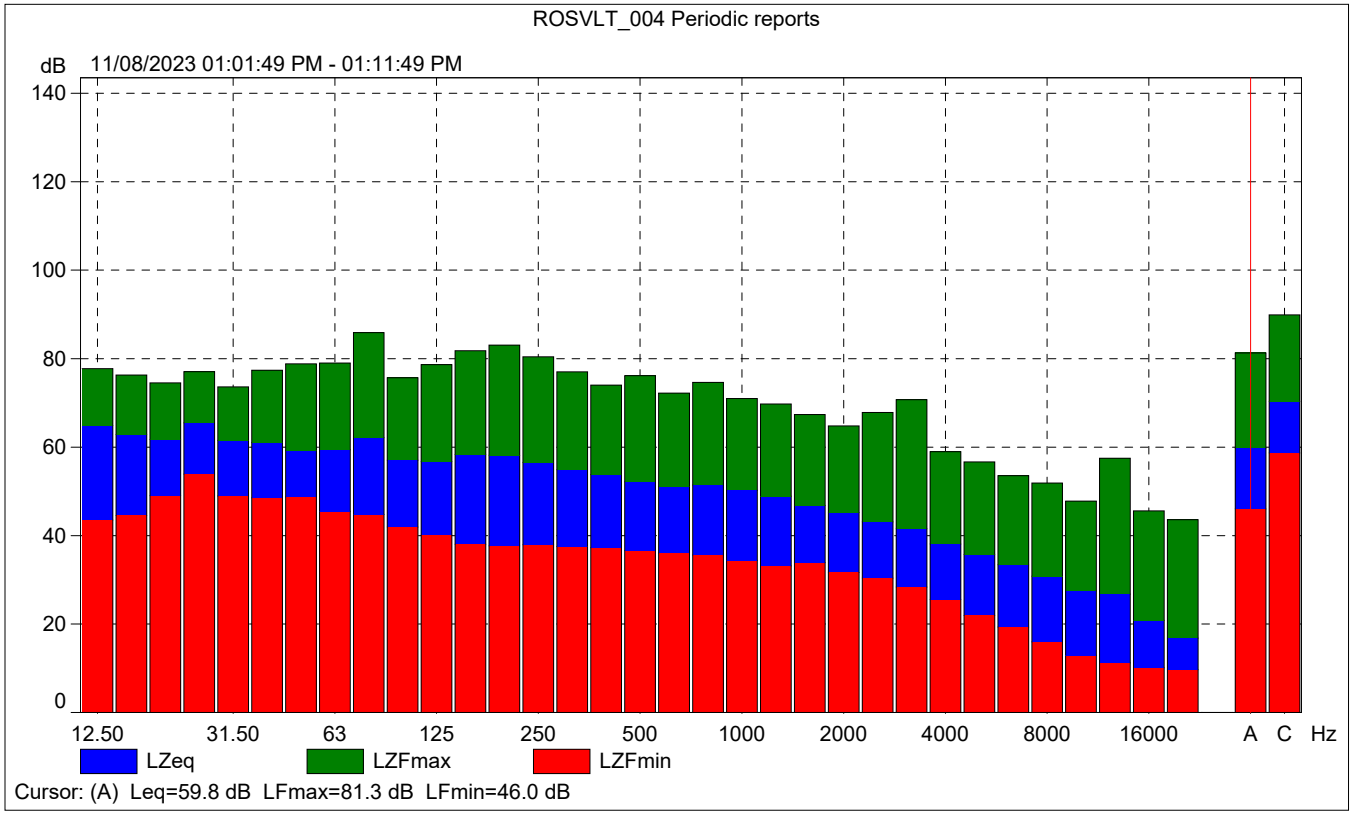
	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	58.5	58.6	53.9
Time	01:06:48 PM	0:00:01				
Date	11/08/2023					

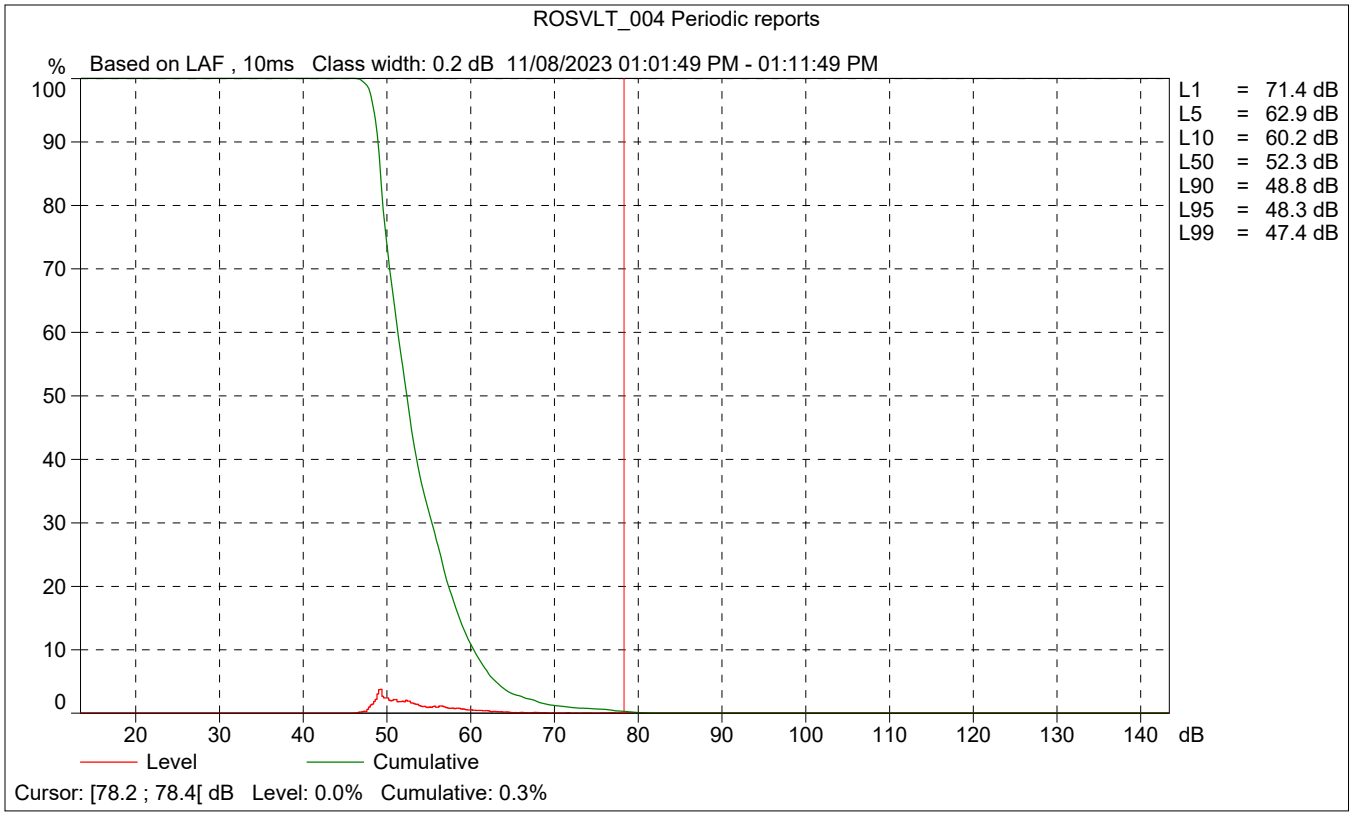

ROSVLT_004
dB
11/08/2023 01:06:48 PM - 01:06:49 PM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=56.1 dB


ROSVLT_004 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: 11/08/2023 01:01:49 PM - 02:01:49 PM LAIeq=62.1 dB LAFmax=81.3 dB LCpeak=99.1 dB LAFmin=46.0 dB

ROSVLT_004 Periodic reports

	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	62.1	81.3	46.0
Time	01:01:49 PM	0:10:00				
Date	11/08/2023					




ROSVLT_004 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 11/08/2023 01:01:49 PM - 01:11:49 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 = 71.4 dB
L5 = 62.9 dB
L10 = 60.2 dB
L50 = 52.3 dB
L90 = 48.8 dB
L95 = 48.3 dB
L99 = 47.4 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.3%

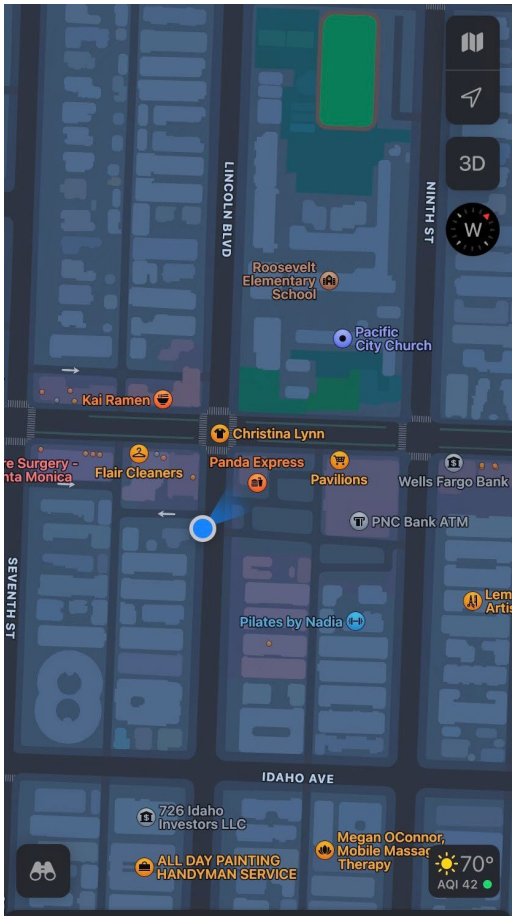
Site Number: NM-5	
Recorded By: Darshan Shivaiah, Dennis Dinh	
Job Number: 195838	
Date: 11/8/2023	
Time: 1:26 p.m.	
Location: In front of 818 Lincoln Boulevard	
Source of Ambient Noise: Traffic along Lincoln Boulevard	
Source of Peak Noise: Traffic along Lincoln Boulevard	

Noise Data		
L_{eq} (dB)	**L_{max}(dB)**	**L_{min} (dB)**
62.1	81.0	49.5

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 = -0.02		**Sensor Height (ft):** 5 ft
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (inches)**
	8 mph	72	30.04

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		11/08/2023 13:26:05
End Time:		11/08/2023 13:36:05
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.18

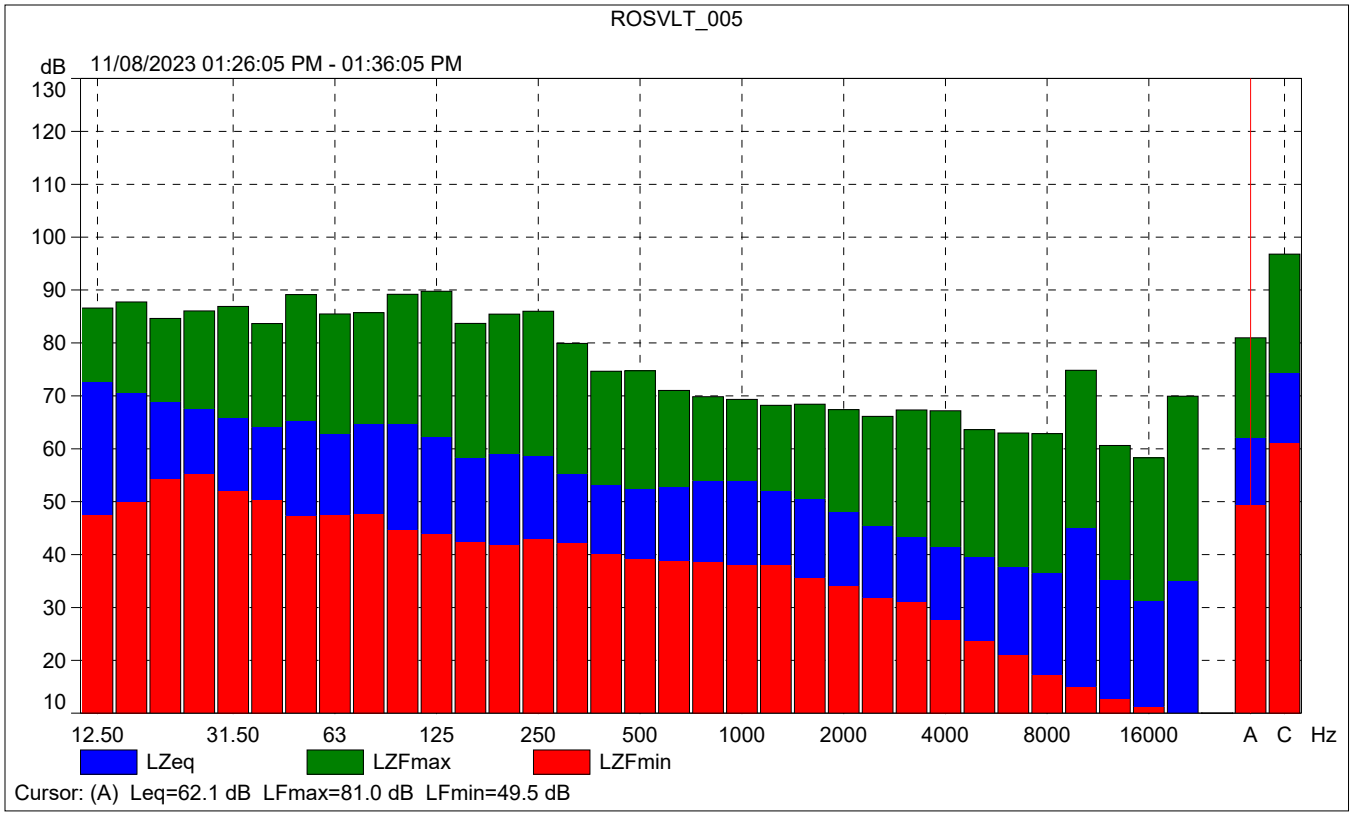
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

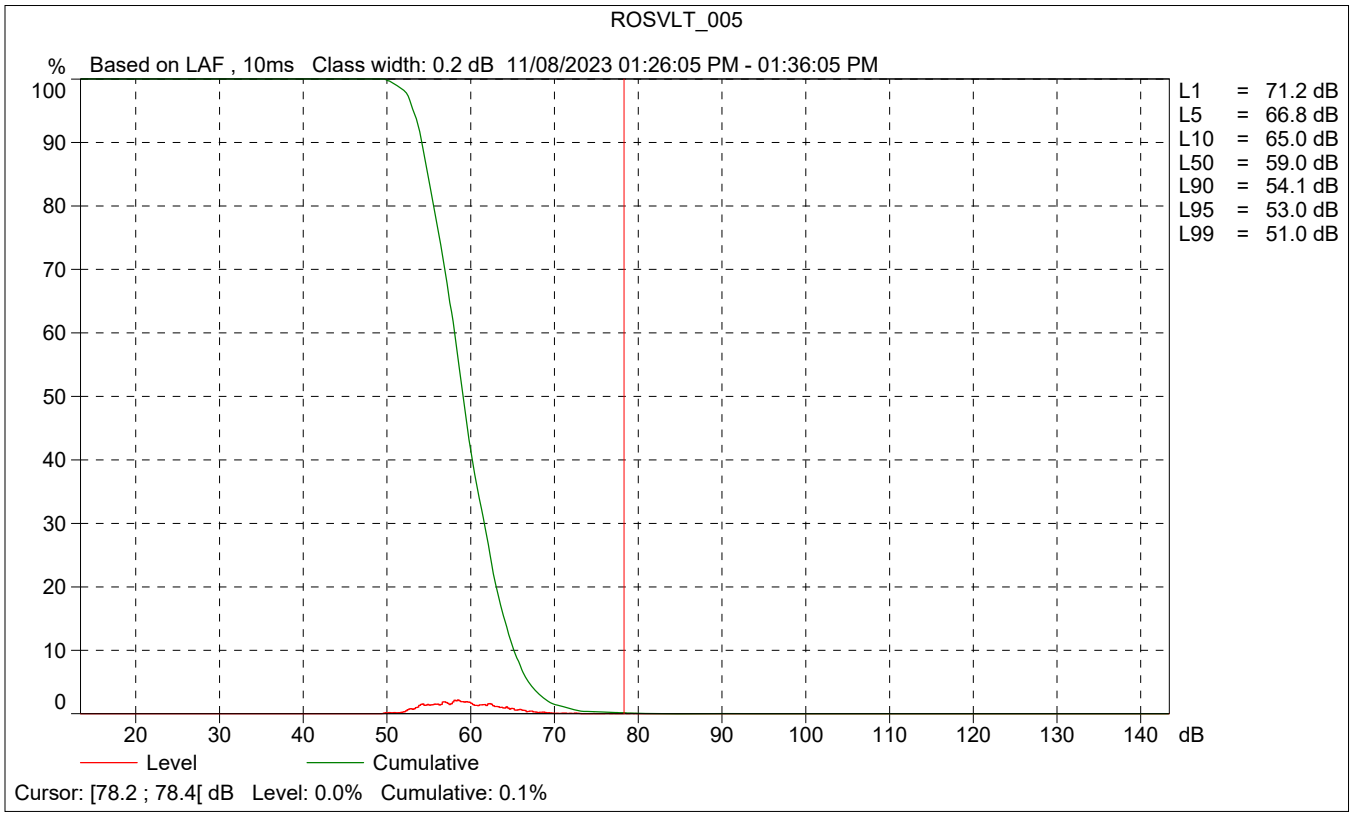
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

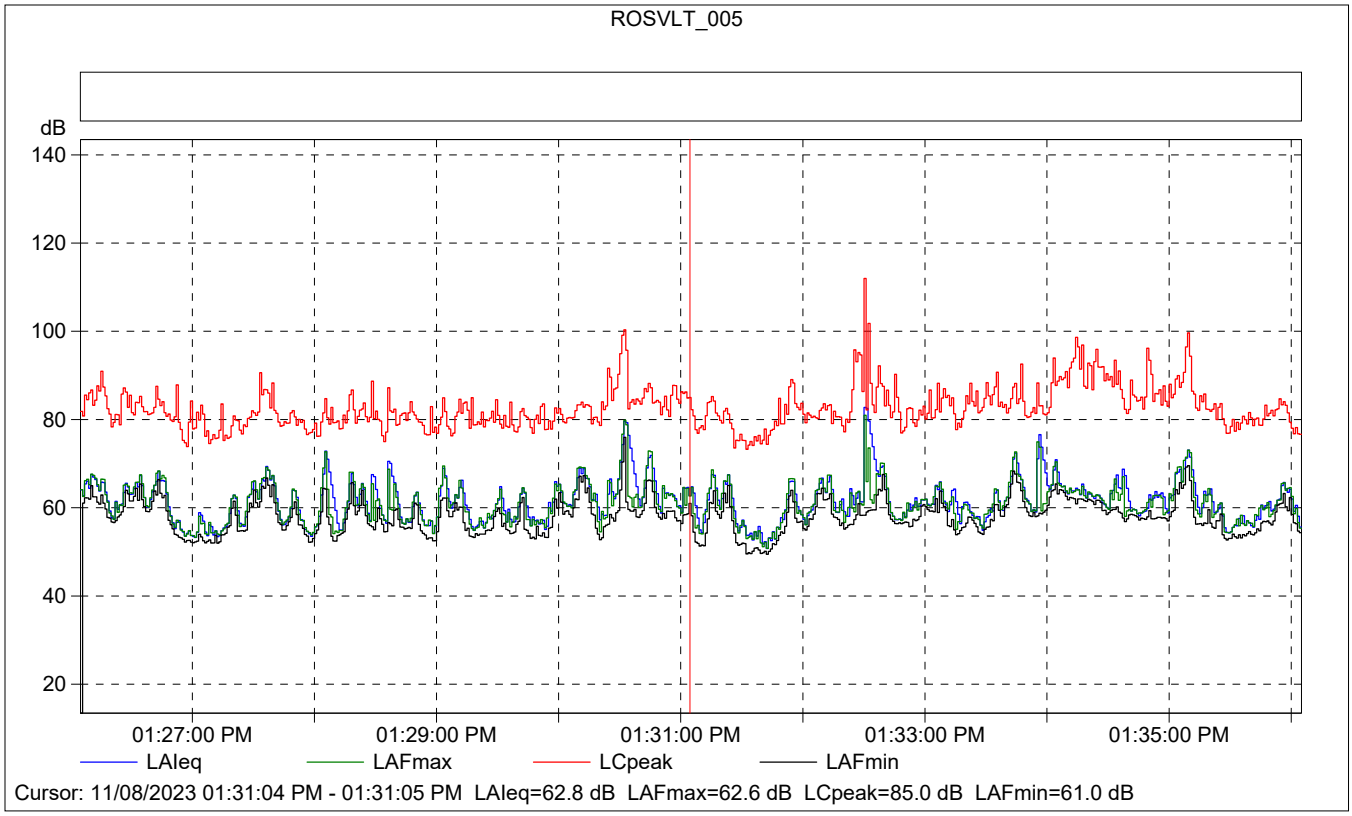
Calibration Time:		11/08/2023 12:08:07
Calibration Type:		External reference
Sensitivity:		43.3311276137829 mV/Pa

ROSVLT_005

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	62.1	81.0	49.5
Time	01:26:05 PM	01:36:05 PM	0:10:00				
Date	11/08/2023	11/08/2023					

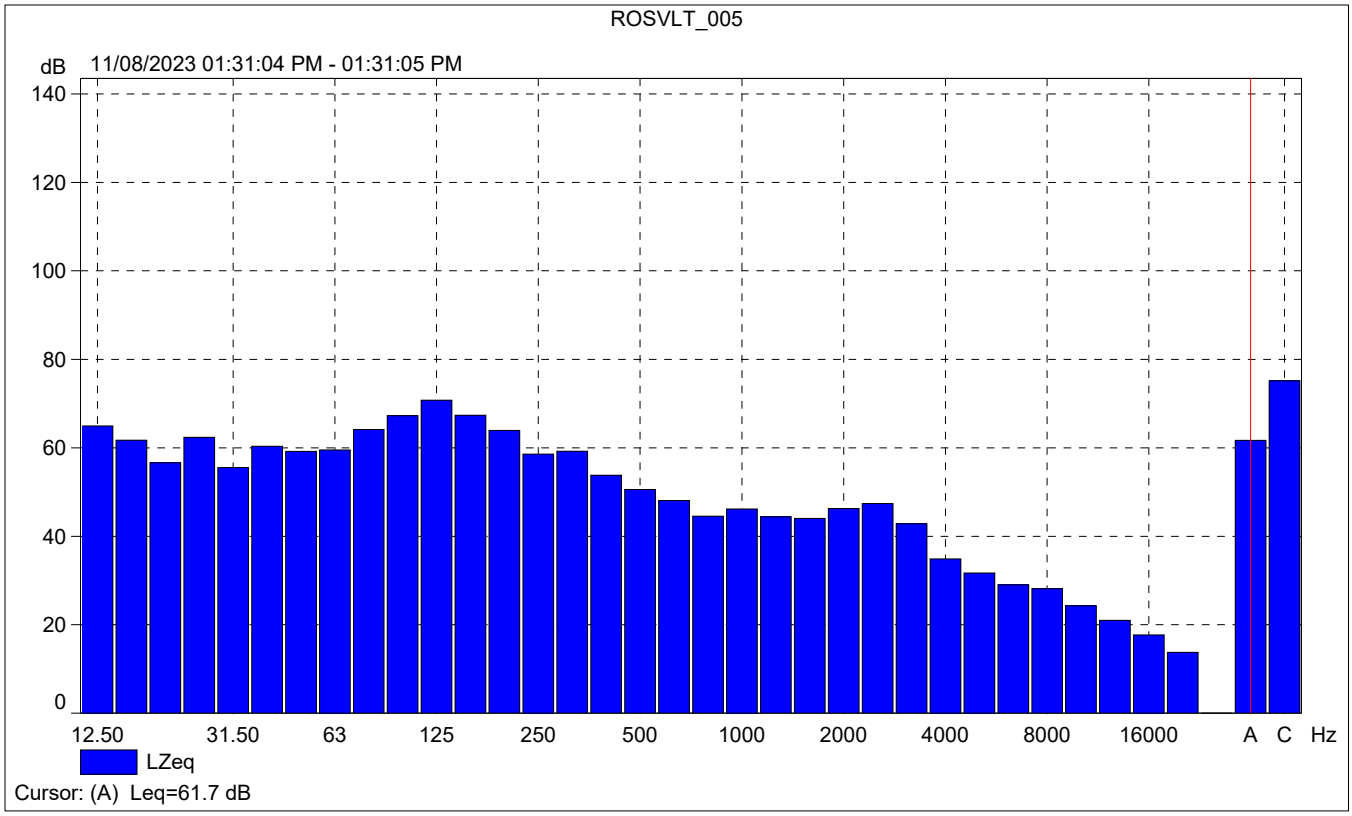

ROSVLT_005
dB
11/08/2023 01:26:05 PM - 01:36:05 PM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=62.1 dB LFmax=81.0 dB LFmin=49.5 dB

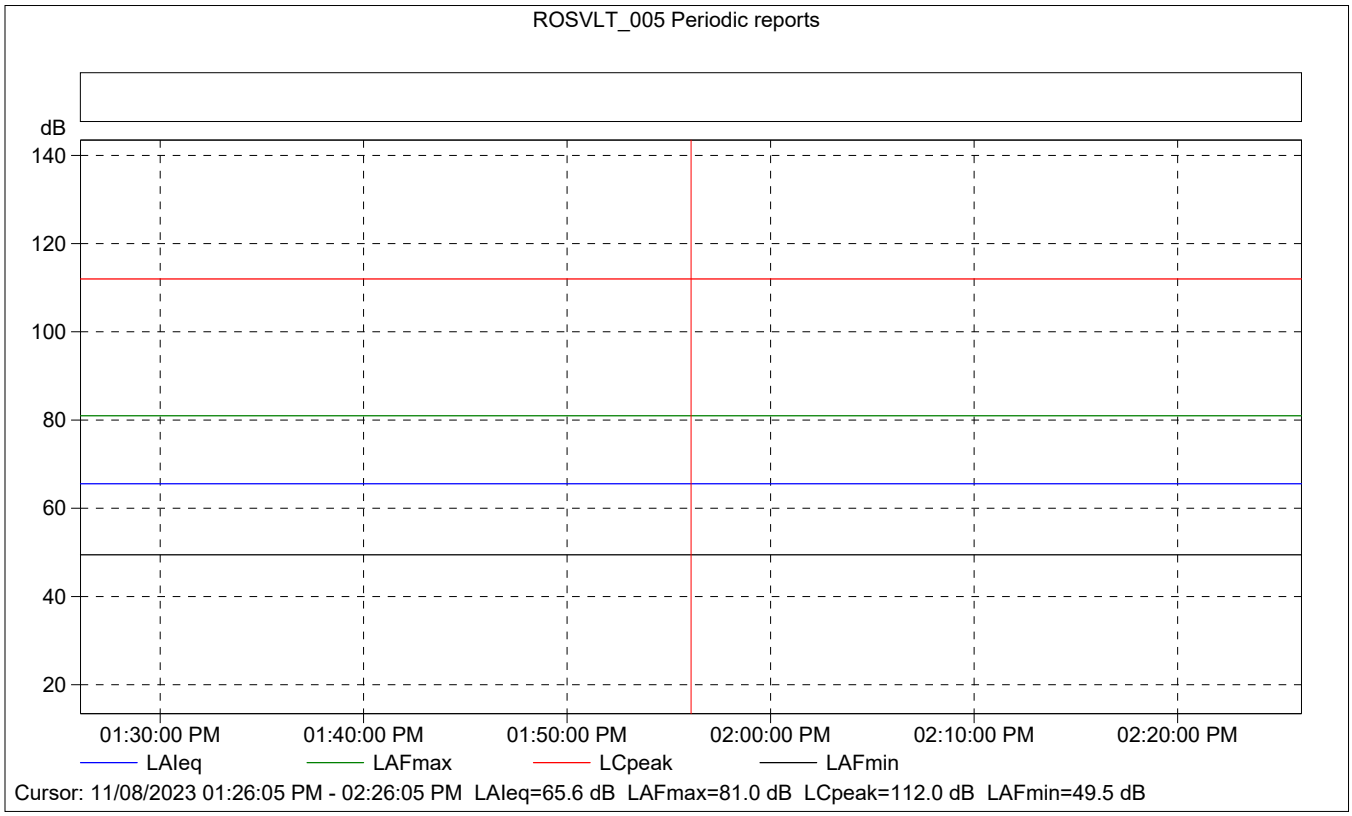

ROSVLT_005
%
Based on LAF , 10ms Class width: 0.2 dB 11/08/2023 01:26:05 PM - 01:36:05 PM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 71.2 dB
L5 = 66.8 dB
L10 = 65.0 dB
L50 = 59.0 dB
L90 = 54.1 dB
L95 = 53.0 dB
L99 = 51.0 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.1%



ROSVLT_005

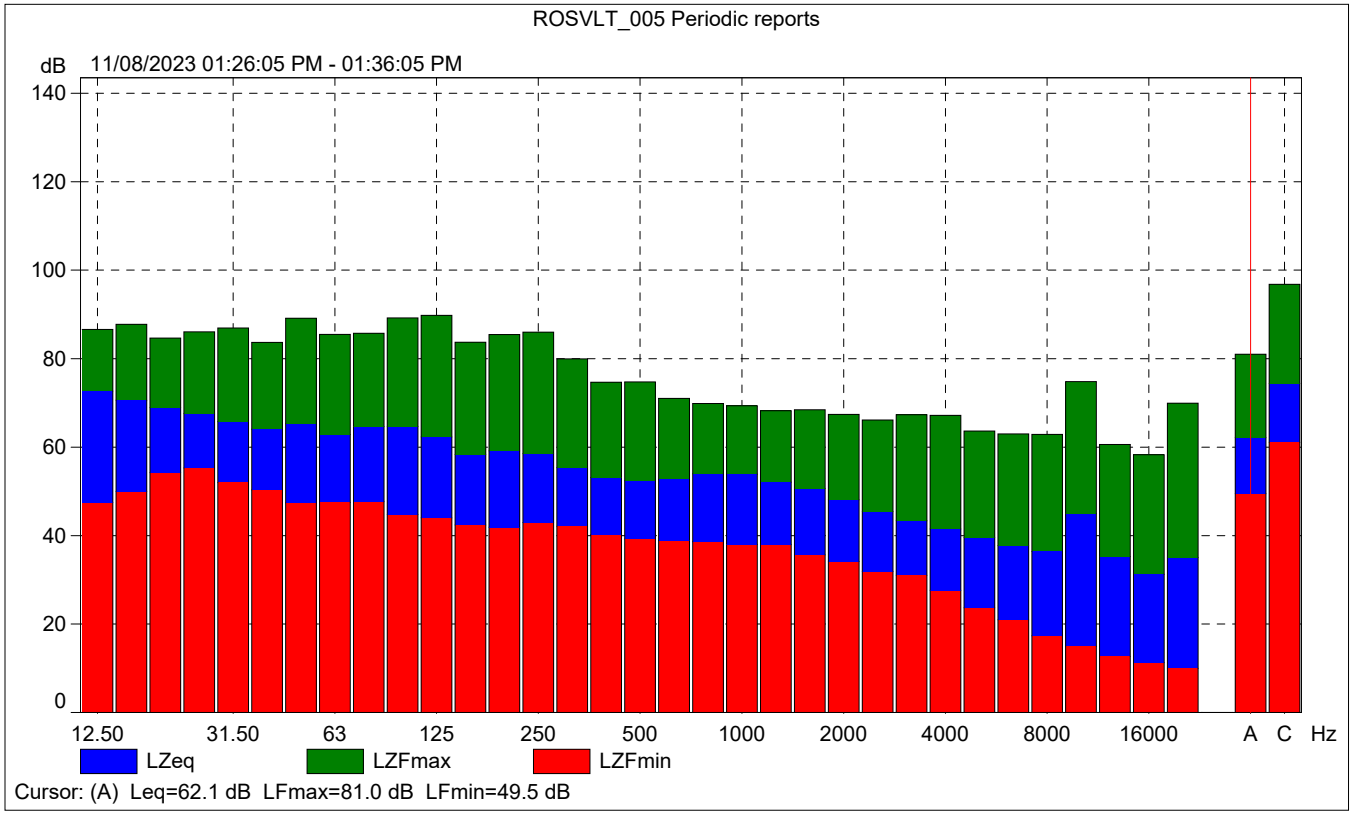
	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	62.8	62.6	61.0
Time	01:31:04 PM	0:00:01				
Date	11/08/2023					

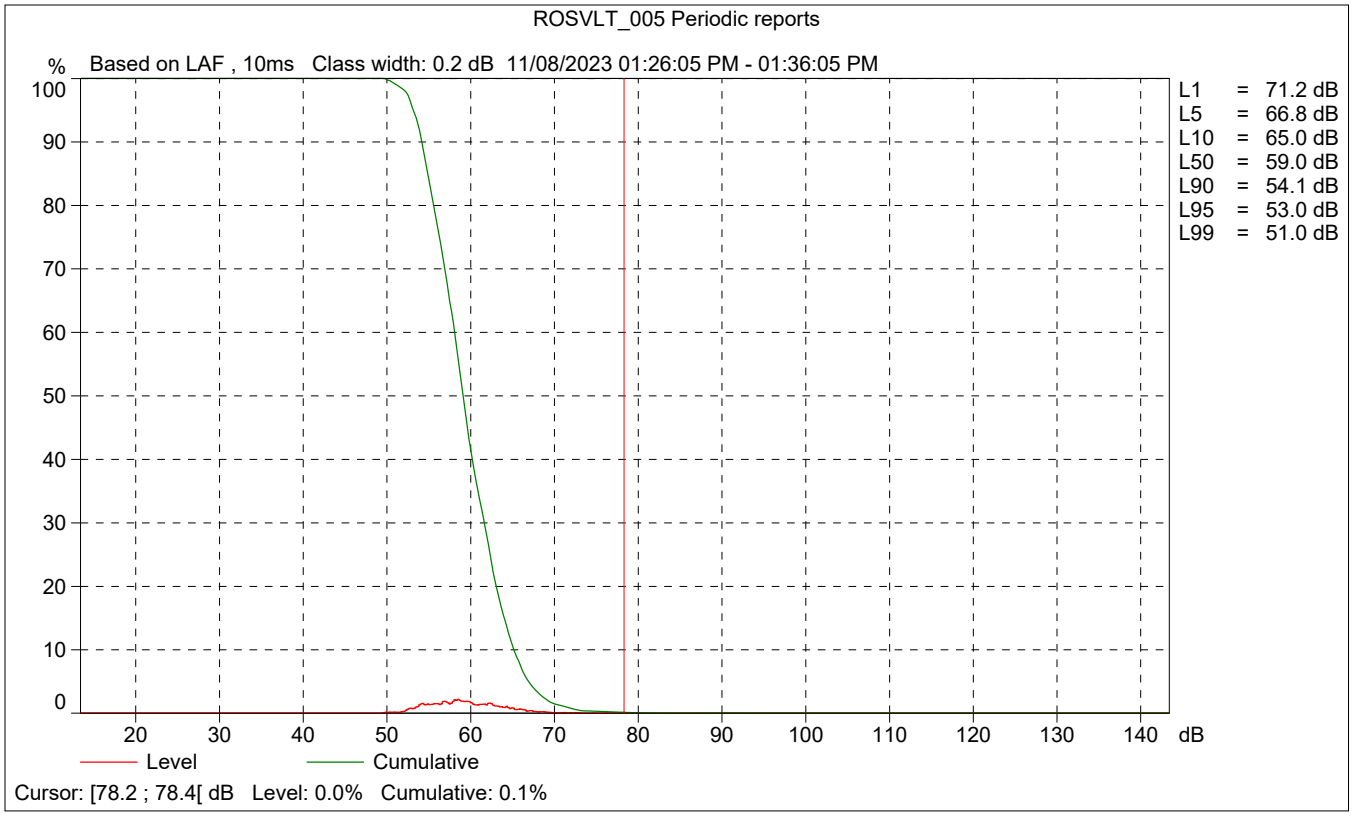

ROSVLT_005
dB
11/08/2023 01:31:04 PM - 01:31:05 PM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=61.7 dB


ROSVLT_005 Periodic reports
dB
140
120
100
80
60
40
20
01:30:00 PM
01:40:00 PM
01:50:00 PM
02:00:00 PM
02:10:00 PM
02:20:00 PM
LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 11/08/2023 01:26:05 PM - 02:26:05 PM LAIeq=65.6 dB LAFmax=81.0 dB LCpeak=112.0 dB LAFmin=49.5 dB

ROSVLT_005 Periodic reports

	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	65.6	81.0	49.5
Time	01:26:05 PM	0:10:00				
Date	11/08/2023					




ROSVLT_005 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 11/08/2023 01:26:05 PM - 01:36:05 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 = 71.2 dB
L5 = 66.8 dB
L10 = 65.0 dB
L50 = 59.0 dB
L90 = 54.1 dB
L95 = 53.0 dB
L99 = 51.0 dB
Level
Cumulative
Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.1%

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 12/6/2023
Case Description: Demolition

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Residential to the NW	Residential	1	1	1

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dozer	No	40		81.7	200	0
Excavator	No	40		80.7	200	0
Concrete Saw	No	20		89.6	200	0
Dozer	No	40		81.7	200	0
Excavator	No	40		80.7	200	0
Excavator	No	40		80.7	200	0

Results

Equipment	Calculated (dBA) *Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Dozer	69.6	65.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	68.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	77.5	70.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	69.6	65.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	68.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	68.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	77.5	74.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Residential to the NE	Residential	1	1	1

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dozer	No	40		81.7	100	0
Excavator	No	40		80.7	100	0
Concrete Saw	No	20		89.6	100	0
Dozer	No	40		81.7	100	0
Excavator	No	40		80.7	100	0
Excavator	No	40		80.7	100	0

Results

Equipment	Calculated (dBA) *Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Dozer	75.6	71.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	74.7	70.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	83.6	76.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	75.6	71.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	74.7	70.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	74.7	70.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	83.6	80.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Residential to the SW	Residential	1	1	1

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dozer	No	40		81.7	100	0
Excavator	No	40		80.7	100	0
Concrete Saw	No	20		89.6	100	0

Dozer	No	40	81.7	100	0
Excavator	No	40	80.7	100	0
Excavator	No	40	80.7	100	0

Results

	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Dozer	75.6	71.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	74.7	70.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	83.6	76.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	75.6	71.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	74.7	70.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	74.7	70.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	83.6	80.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 12/6/2023

Case Description: Grading

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Residential to the NE	Residential	1	1	1

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		80	0
Excavator	No	40		80.7	80	0
Front End Loader	No	40		79.1	80	0
Backhoe	No	40		77.6	80	0
Tractor	No	40	84		80	0
Dozer	No	40		81.7	80	0

Results

Equipment	Calculated (dBA) *Lmax	Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limits (dBA) Day Lmax	Day Leq	Noise Limit Exceedance (dBA) Evening Lmax	Evening Leq	Night Lmax	Night Leq
Grader	80.9	76.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	76.6	72.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	75	71	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	73.5	69.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	79.9	75.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	80.9	81.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Residential to the SW	Residential	1	1	1

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		80	0
Excavator	No	40		80.7	80	0
Front End Loader	No	40		79.1	80	0
Backhoe	No	40		77.6	80	0
Tractor	No	40	84		80	0
Dozer	No	40		81.7	80	0

Results

Equipment	Calculated (dBA) *Lmax	Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limits (dBA) Day Lmax	Day Leq	Noise Limit Exceedance (dBA) Evening Lmax	Evening Leq	Night Lmax	Night Leq
Grader	80.9	76.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	76.6	72.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	75	71	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	73.5	69.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	79.9	75.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	80.9	81.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 12/6/2023

Case Description: Building Construction

---- Receptor #1 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residential to the NE	Residential	1	1	1

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Front End Loader	No	40		79.1	80	0
Backhoe	No	40		77.6	80	0
Tractor	No	40	84		80	0
Generator	No	50		80.6	80	0
Crane	No	16		80.6	80	0
Welder / Torch	No	40		74	80	0

Results

	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Front End Loader	75	71	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	73.5	69.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	79.9	75.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	76.5	73.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crane	76.5	68.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	69.9	65.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	79.9	79.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residential to the SW	Residential	1	1	1

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Front End Loader	No	40		79.1	80	0
Backhoe	No	40		77.6	80	0
Tractor	No	40	84		80	0
Generator	No	50		80.6	80	0
Crane	No	16		80.6	80	0
Welder / Torch	No	40		74	80	0

Results

	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Front End Loader	75	71	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Backhoe	73.5	69.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	79.9	75.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	76.5	73.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crane	76.5	68.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	69.9	65.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	79.9	79.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 12/6/2023
Case Descriptio Paving

---- Receptor #1 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential to th	Residential	1	1	1

			Equipment			
			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Paver	No	50		77.2	60	0
Paver	No	50		77.2	60	0
Roller	No	20		80	60	0
Pavement Scarafier	No	20		89.5	60	0
Pavement Scarafier	No	20		89.5	60	0
Roller	No	20		80	60	0

Results

	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Paver	75.6	72.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	75.6	72.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	78.4	71.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	87.9	80.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	87.9	80.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	78.4	71.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	87.9	84.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential to th	Residential	1	1	1

			Equipment			
			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Paver	No	50		77.2	80	0
Paver	No	50		77.2	80	0
Roller	No	20		80	80	0
Pavement Scarafier	No	20		89.5	80	0
Pavement Scarafier	No	20		89.5	80	0
Roller	No	20		80	80	0

Results

	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Paver	73.1	70.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	73.1	70.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	75.9	68.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	85.4	78.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	85.4	78.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	75.9	68.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	85.4	82.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential to th	Residential	1	1	1

			Equipment			
			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Paver	No	50		77.2	80	0
Paver	No	50		77.2	80	0
Roller	No	20		80	80	0
Pavement Scarafier	No	20		89.5	80	0
Pavement Scarafier	No	20		89.5	80	0

Roller	No	20		80	80	0								

Results

	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Paver	73.1	70.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	73.1	70.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	75.9	68.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	85.4	78.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	85.4	78.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	75.9	68.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	85.4	82.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 12/6/2023
Case Description: Architectural Coating

				---- Receptor #2 ----											
		Baselines (dBA)													
Description	Land Use	Daytime	Evening	Night											
Residential to the NE	Residential	1	1	1											

			Equipment				
	Impact		Spec Lmax	Actual Lmax	Receptor Distance	Estimated Shielding	
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)	
Compressor (air)	No	40		77.7	80	0	

				Results											
		Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
				Day		Evening		Night		Day		Evening		Night	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Compressor (air)		73.6	69.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total	73.6	69.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.