APPENDIX F
Noise Data

Site Number: NM-1			
Recorded By: Darshan Shivaiah, Winnie Woo			
Job Number: 192691			
Date: 11/01/23			
Time: 10:17 a.m.			
Location: Along the sidewalk of Division Street, at intersection of an unpaved road			
Source of Ambient Noise: Traffic noise along Division Street			
Source of Peak Noise: Trucks passing by			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
68.0	39.0	87.6	103.4

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	03/10/2022	
	Microphone	Brüel & Kjær	4189	3086765	03/10/2022	
	Preamp	Brüel & Kjær	ZC 0032	25380	03/10/2022	
	Calibrator	Brüel & Kjær	4231	2545667	03/10/2022	

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)
	3 mph	66	39

Photo of Measurement Location

2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		01/11/2023 10:17:51
End Time:		01/11/2023 10:27:51
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.00

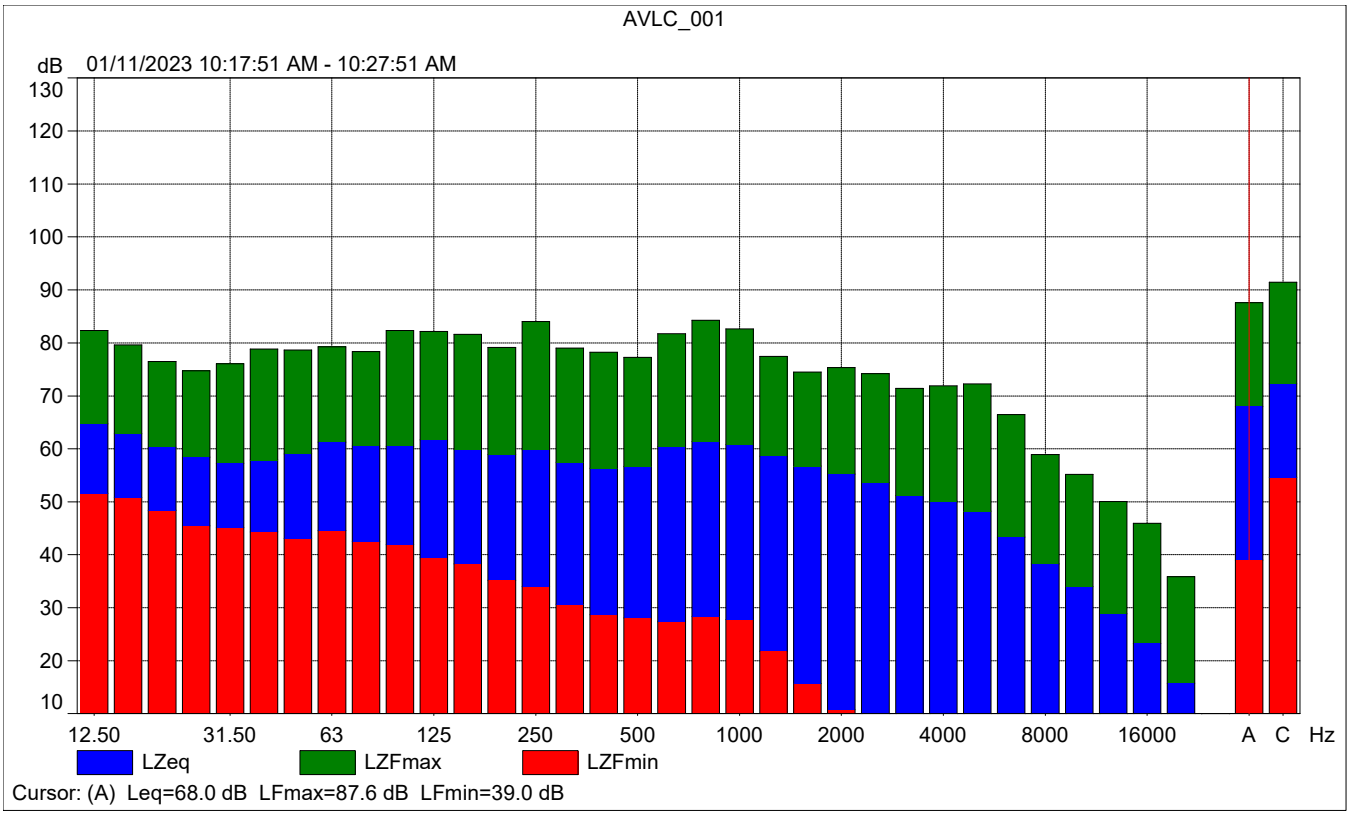
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

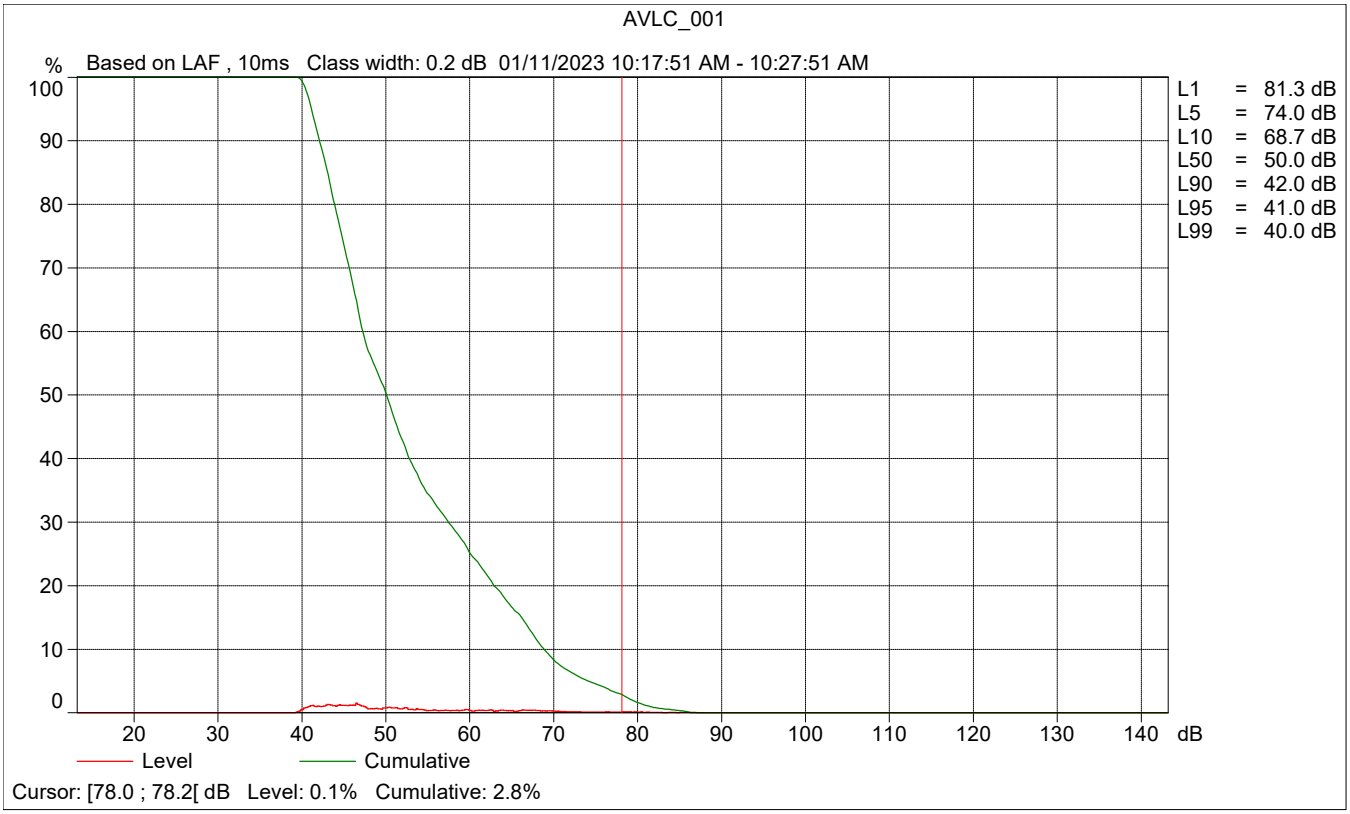
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

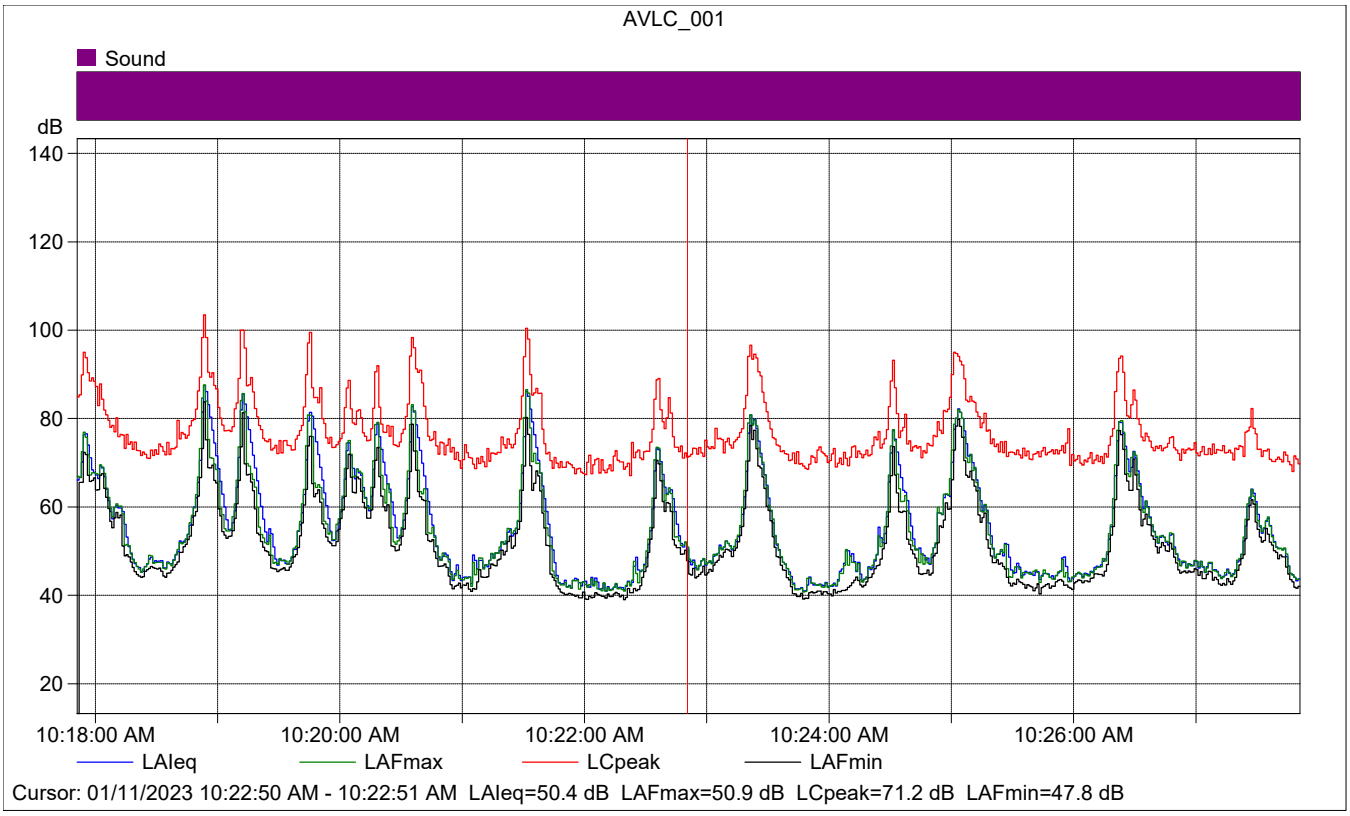
Calibration Time:		01/11/2023 10:12:27
Calibration Type:		External reference
Sensitivity:		44.2486479878426 mV/Pa

AVLC_001

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	68.0	87.6	39.0
Time	10:17:51 AM	10:27:51 AM	0:10:00				
Date	01/11/2023	01/11/2023					

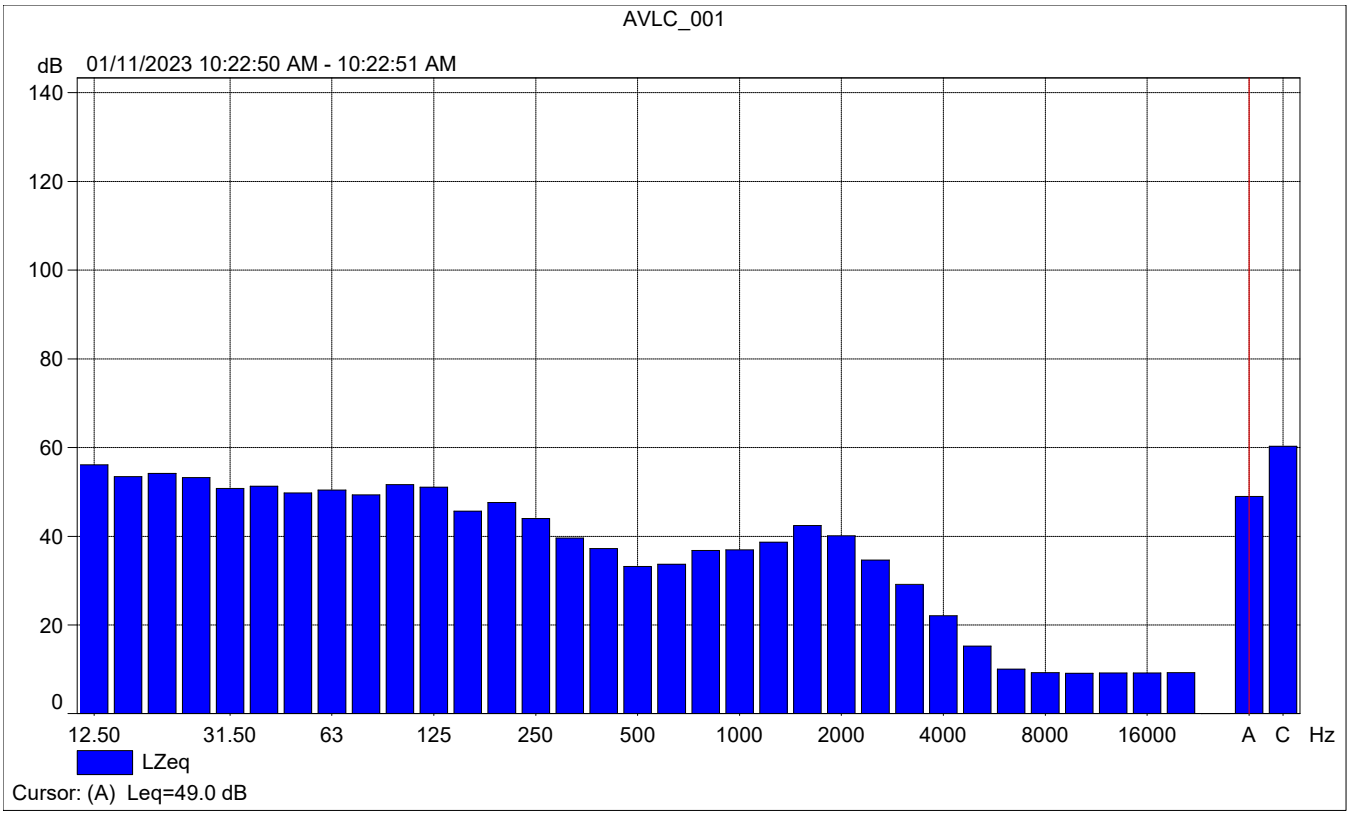

AVLC_001
dB
01/11/2023 10:17:51 AM - 10:27:51 AM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=68.0 dB LFmax=87.6 dB LFmin=39.0 dB

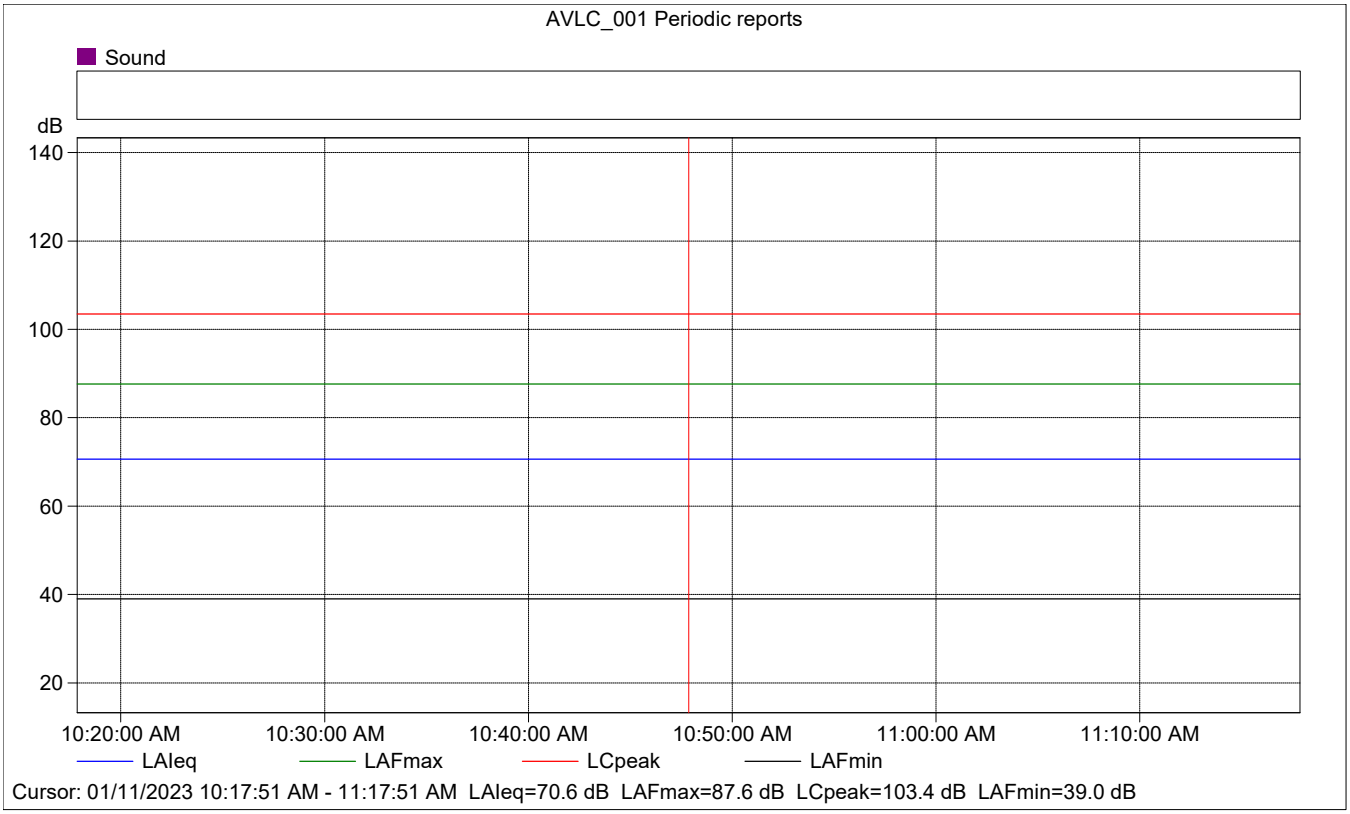

AVLC_001
%
Based on LAF , 10ms Class width: 0.2 dB 01/11/2023 10:17:51 AM - 10:27:51 AM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 81.3 dB
L5 = 74.0 dB
L10 = 68.7 dB
L50 = 50.0 dB
L90 = 42.0 dB
L95 = 41.0 dB
L99 = 40.0 dB
Level
Cumulative
Cursor: [78.0 ; 78.2[dB Level: 0.1% Cumulative: 2.8%



AVLC_001

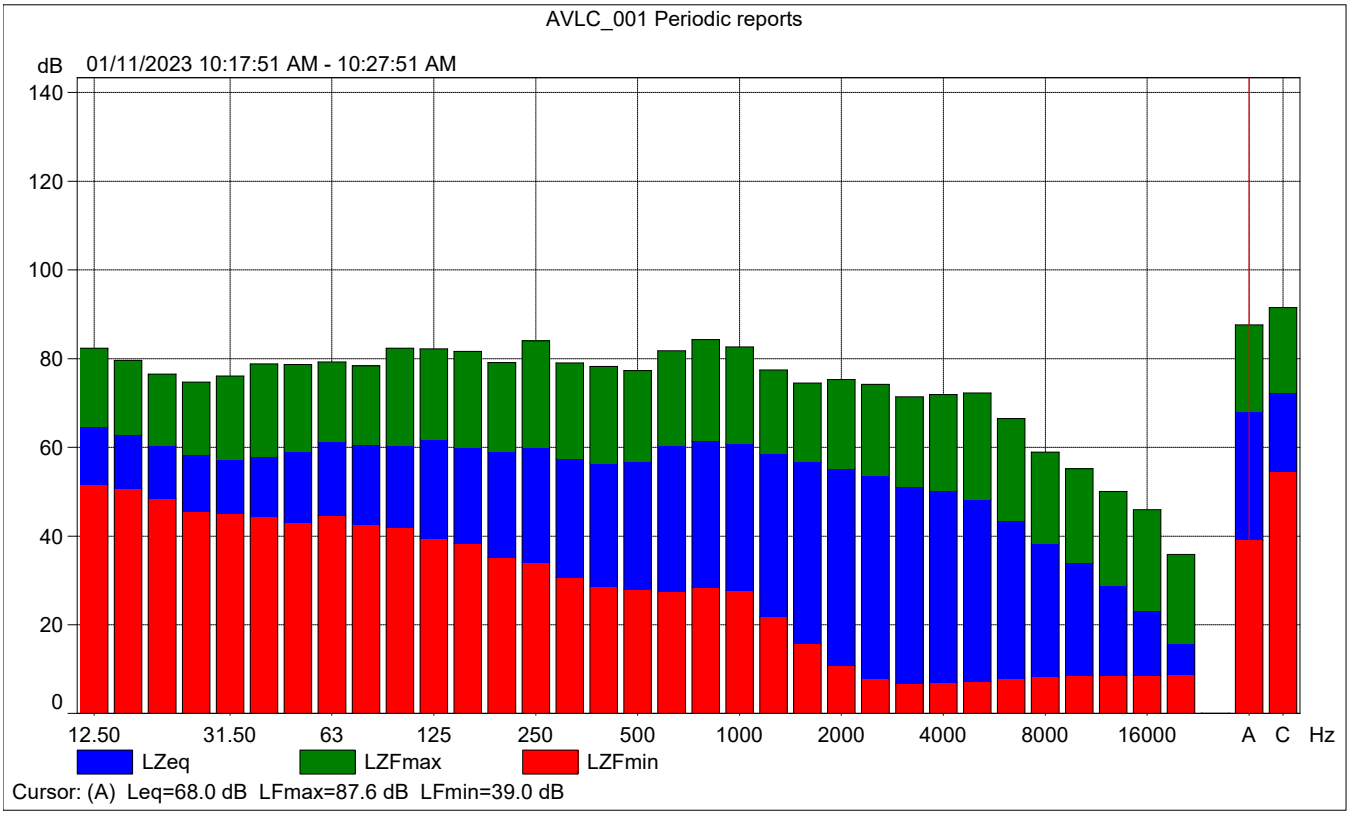
	Start time	Elapsed time	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			50.4	50.9	47.8
Time	10:22:50 AM	0:00:01			
Date	01/11/2023				

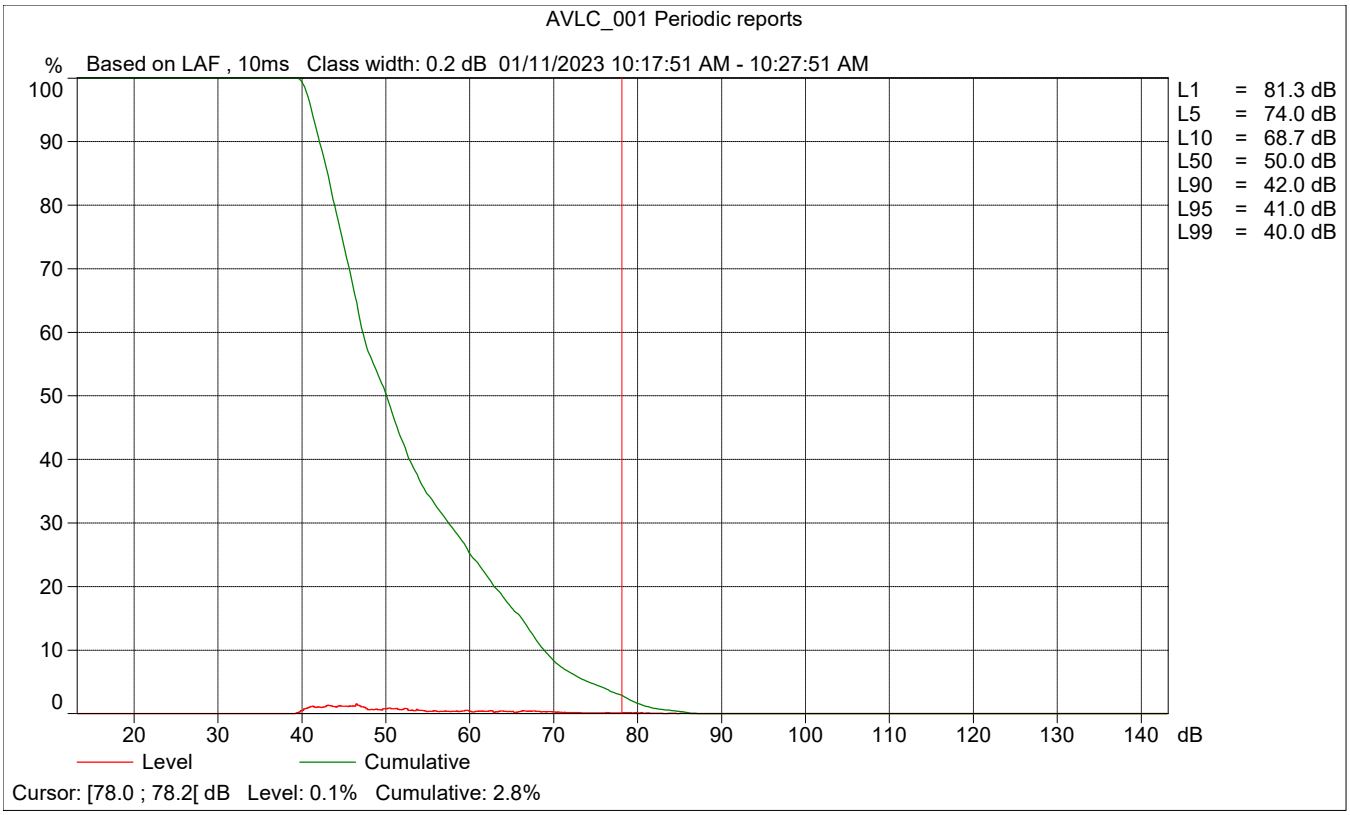

AVLC_001
dB
01/11/2023 10:22:50 AM - 10:22:51 AM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=49.0 dB


AVLC_001 Periodic reports
Sound
dB
140
120
100
80
60
40
20
10:20:00 AM
10:30:00 AM
10:40:00 AM
10:50:00 AM
11:00:00 AM
11:10:00 AM
LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 01/11/2023 10:17:51 AM - 11:17:51 AM LAIeq=70.6 dB LAFmax=87.6 dB LCpeak=103.4 dB LAFmin=39.0 dB

AVLC_001 Periodic reports

	Start time	Elapsed time	Overload [%]	LAleq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	70.6	87.6	39.0
Time	10:17:51 AM	0:10:00				
Date	01/11/2023					




AVLC_001 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 01/11/2023 10:17:51 AM - 10:27:51 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 = 81.3 dB
L5 = 74.0 dB
L10 = 68.7 dB
L50 = 50.0 dB
L90 = 42.0 dB
L95 = 41.0 dB
L99 = 40.0 dB
Level
Cumulative
Cursor: [78.0 ; 78.2[dB Level: 0.1% Cumulative: 2.8%

Site Number: NM-2			
Recorded By: Darshan Shivaiah, Winnie Woo			
Job Number: 192691			
Date: 11/01/23			
Time: 10:36 a.m.			
Location: On the southeast corner of Division Street and East Avenue G intersection			
Source of Ambient Noise: Traffic noise along Division Street and East Avenue G			
Source of Peak Noise: Trucks passing by			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
68.1	37.9	90.9	110.2

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	03/10/2022	
	Microphone	Brüel & Kjær	4189	3086765	03/10/2022	
	Preamp	Brüel & Kjær	ZC 0032	25380	03/10/2022	
	Calibrator	Brüel & Kjær	4231	2545667	03/10/2022	

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)
	3 mph	66	39

Photo of Measurement Location

2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		01/11/2023 10:36:04
End Time:		01/11/2023 10:46:04
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.00

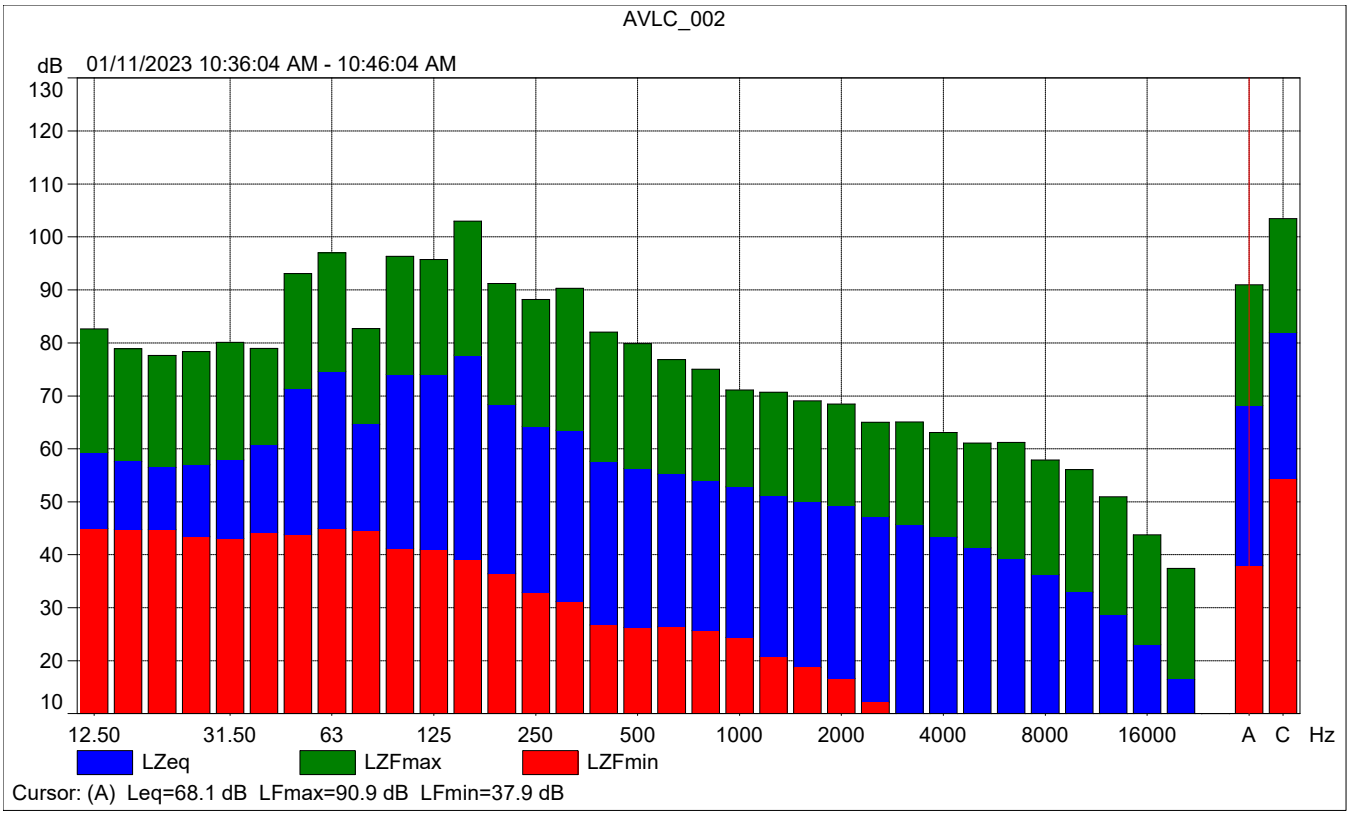
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

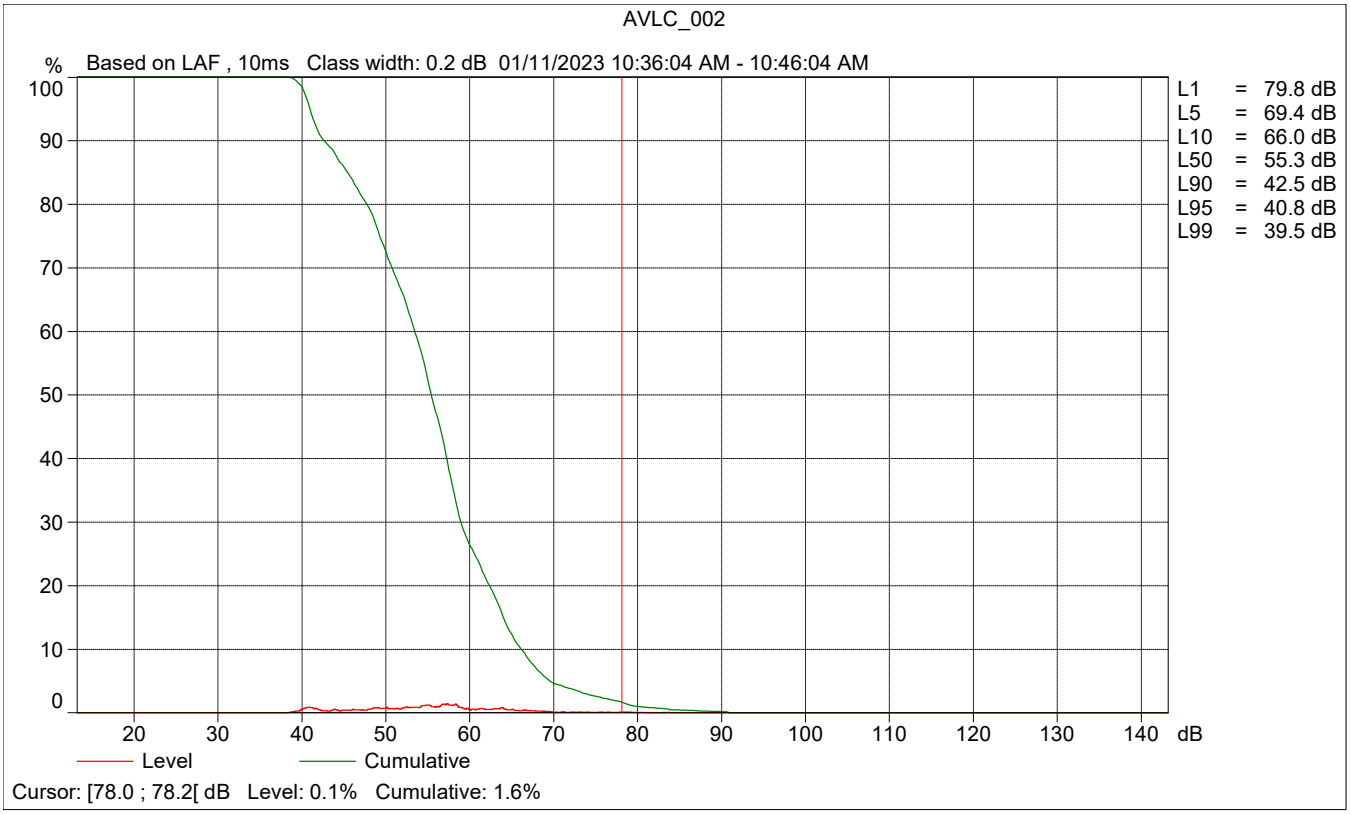
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

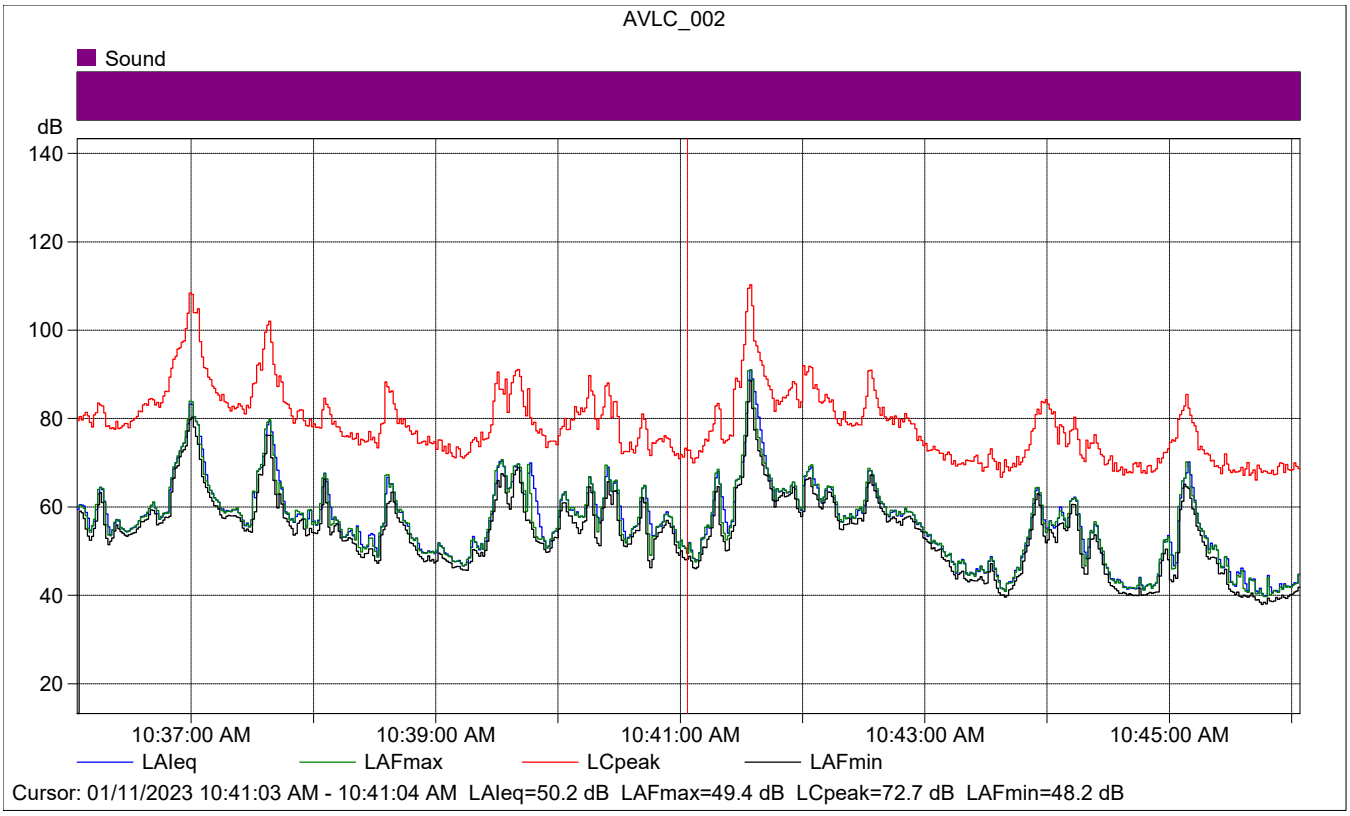
Calibration Time:		01/11/2023 10:12:27
Calibration Type:		External reference
Sensitivity:		44.2486479878426 mV/Pa

AVLC_002

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	68.1	90.9	37.9
Time	10:36:04 AM	10:46:04 AM	0:10:00				
Date	01/11/2023	01/11/2023					

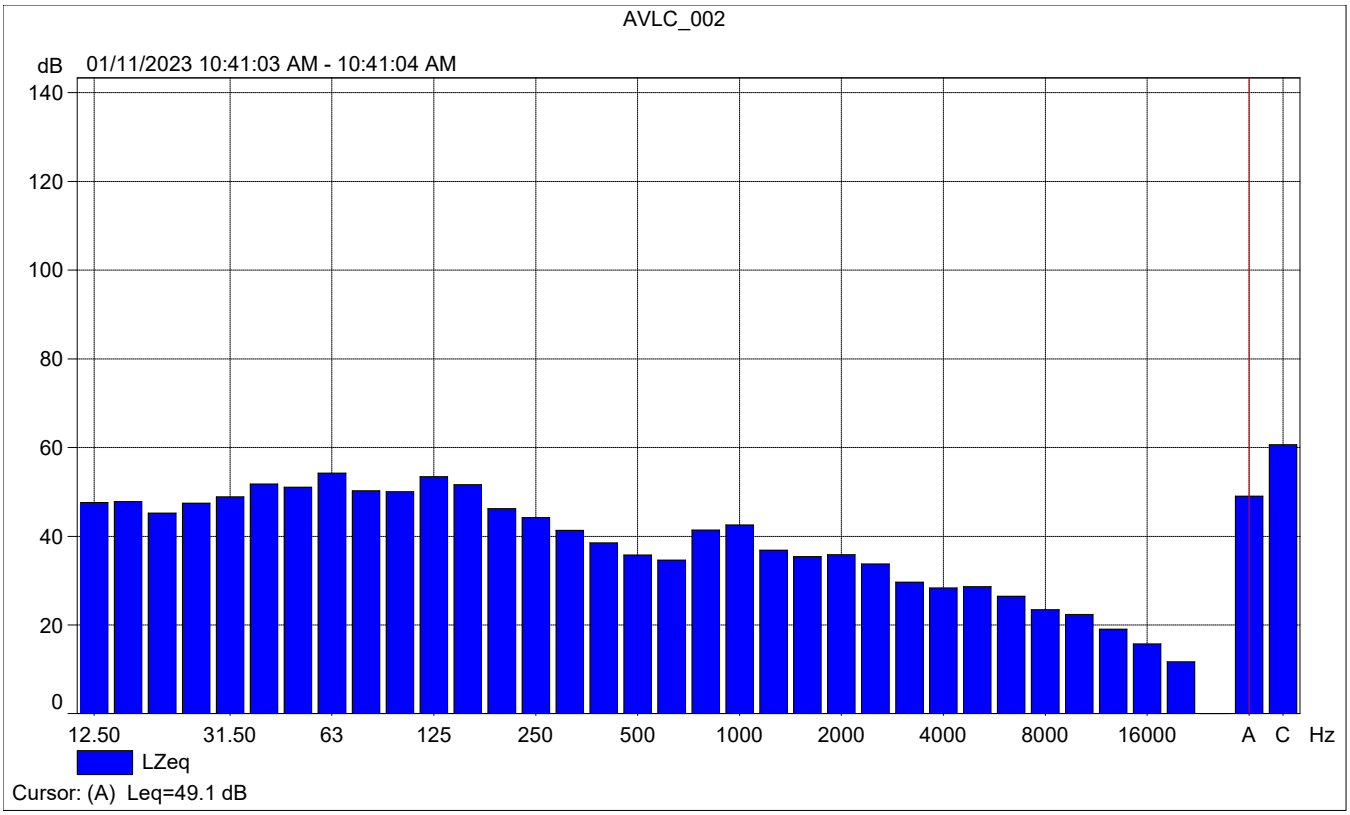

AVLC_002
dB
01/11/2023 10:36:04 AM - 10:46:04 AM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=68.1 dB LFmax=90.9 dB LFmin=37.9 dB

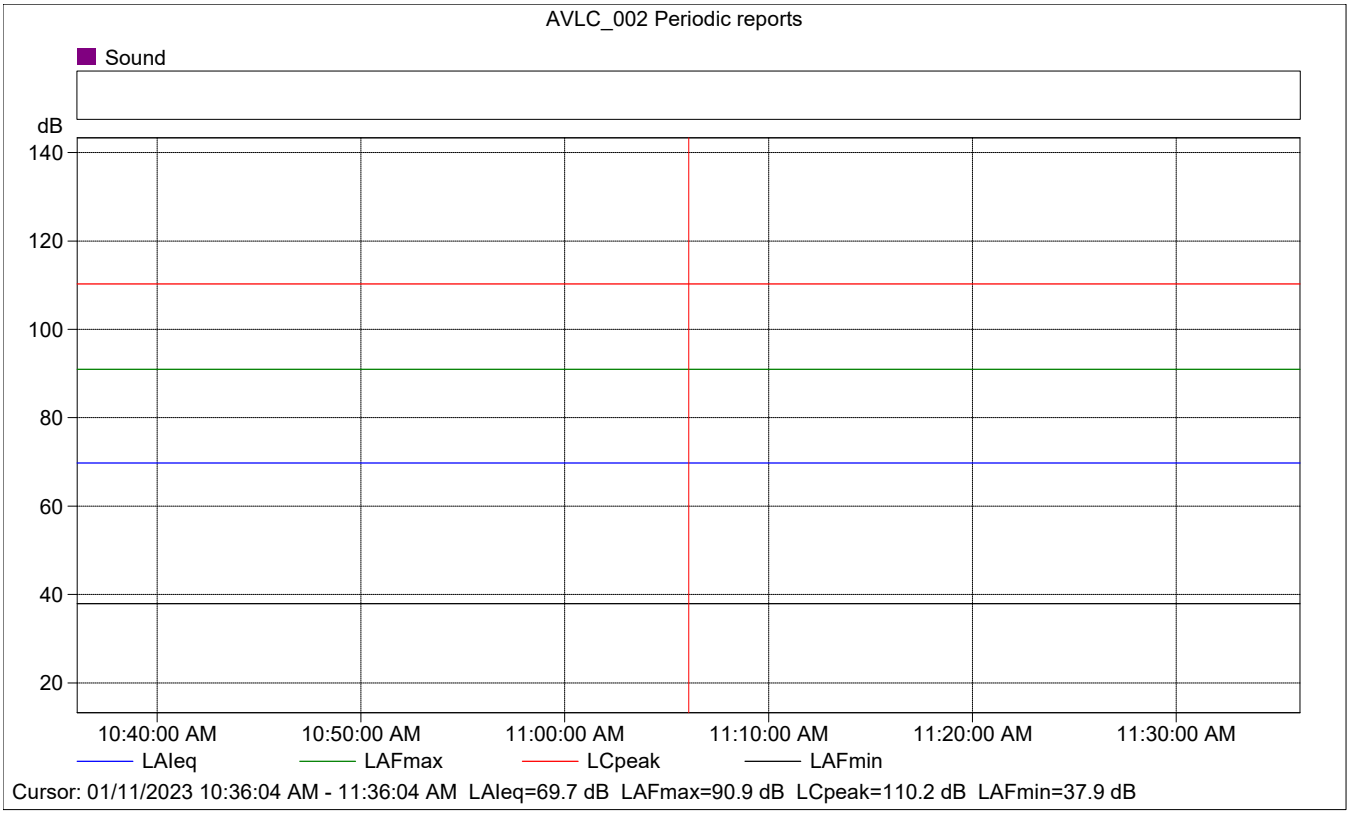

AVLC_002
%
Based on LAF , 10ms Class width: 0.2 dB 01/11/2023 10:36:04 AM - 10:46:04 AM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 79.8 dB
L5 = 69.4 dB
L10 = 66.0 dB
L50 = 55.3 dB
L90 = 42.5 dB
L95 = 40.8 dB
L99 = 39.5 dB
Level
Cumulative
Cursor: [78.0 ; 78.2[dB Level: 0.1% Cumulative: 1.6%



AVLC_002

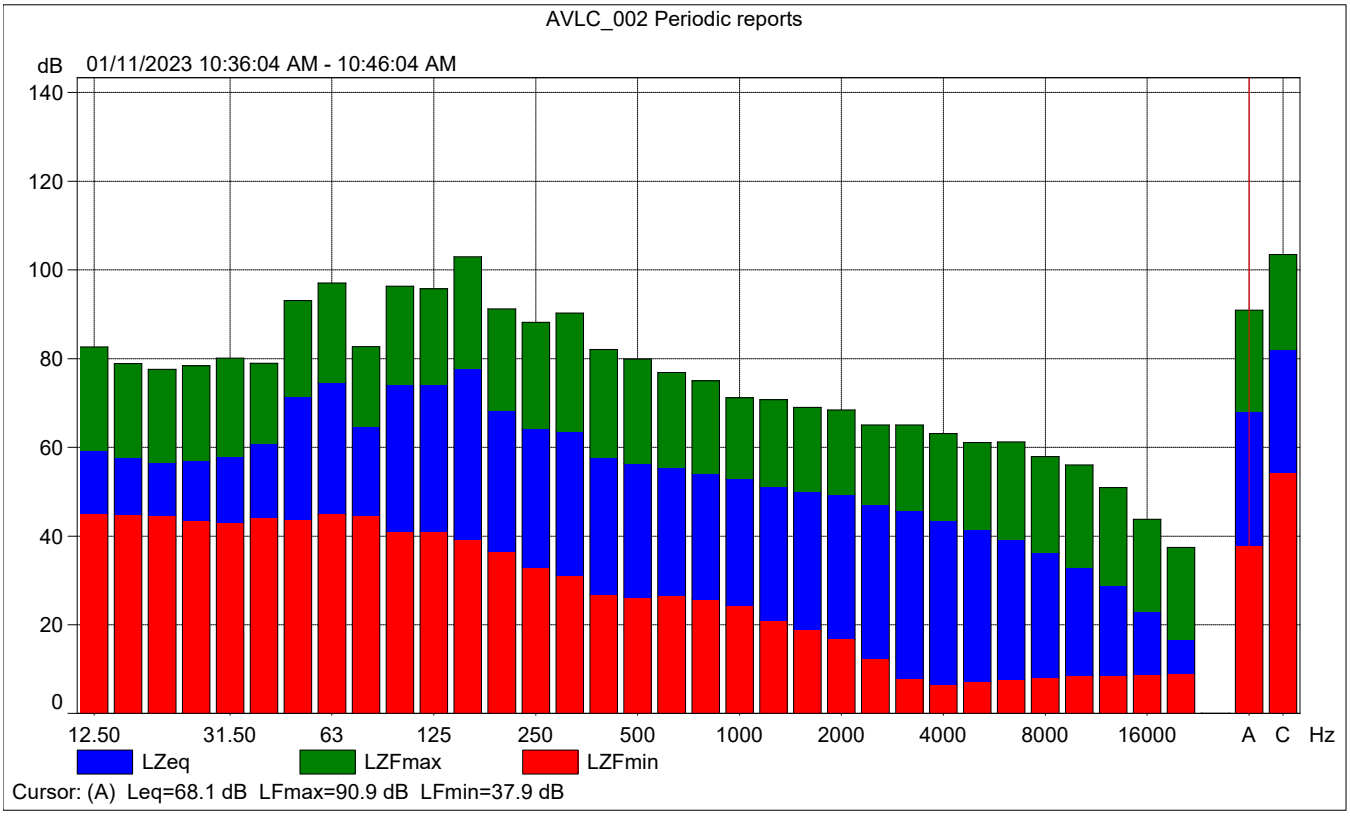
	Start time	Elapsed time	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			50.2	49.4	48.2
Time	10:41:03 AM	0:00:01			
Date	01/11/2023				

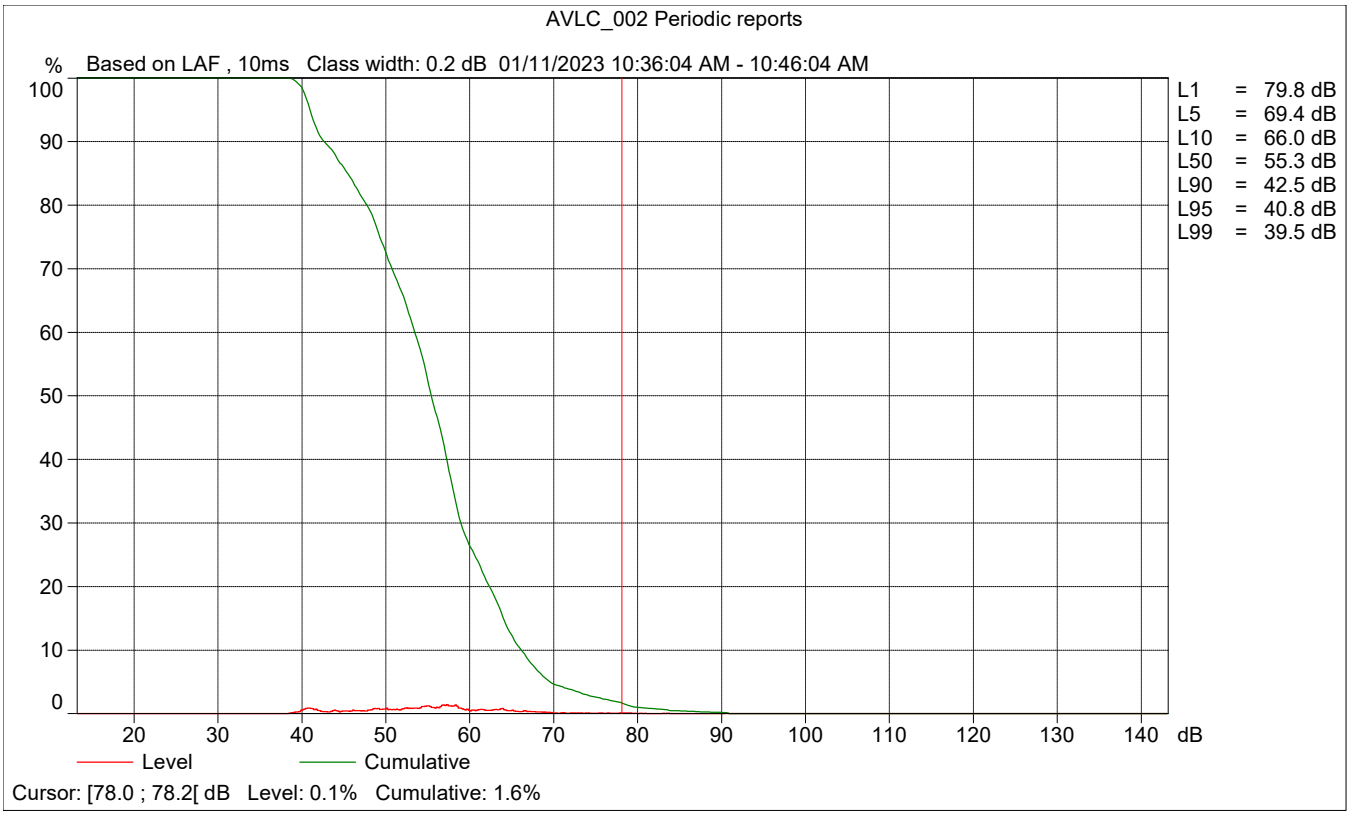

AVLC_002
dB
01/11/2023 10:41:03 AM - 10:41:04 AM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=49.1 dB


AVLC_002 Periodic reports
Sound
dB
140
120
100
80
60
40
20
10:40:00 AM
10:50:00 AM
11:00:00 AM
11:10:00 AM
11:20:00 AM
11:30:00 AM
LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 01/11/2023 10:36:04 AM - 11:36:04 AM LAIeq=69.7 dB LAFmax=90.9 dB LCpeak=110.2 dB LAFmin=37.9 dB

AVLC_002 Periodic reports

	Start time	Elapsed time	Overload [%]	LAleq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	69.7	90.9	37.9
Time	10:36:04 AM	0:10:00				
Date	01/11/2023					




AVLC_002 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 01/11/2023 10:36:04 AM - 10:46:04 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 = 79.8 dB
L5 = 69.4 dB
L10 = 66.0 dB
L50 = 55.3 dB
L90 = 42.5 dB
L95 = 40.8 dB
L99 = 39.5 dB
Level
Cumulative
Cursor: [78.0 ; 78.2[dB Level: 0.1% Cumulative: 1.6%

Site Number: NM-3	
Recorded By: Darshan Shivaiah, Winnie Woo	
Job Number: 192691	
Date: 11/01/23	
Time: 10:55 a.m.	
Location: On the sidewalk in front of 45920 Regents Street residence	
Source of Ambient Noise: Traffic noise in the vicinity	
Source of Peak Noise: NA	

Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
50.9	42.6	69.3	84.0

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	03/10/2022	
	Microphone	Brüel & Kjær	4189	3086765	03/10/2022	
	Preamp	Brüel & Kjær	ZC 0032	25380	03/10/2022	
	Calibrator	Brüel & Kjær	4231	2545667	03/10/2022	

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)
	3 mph	66	39

Photo of Measurement Location

2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		01/11/2023 10:55:30
End Time:		01/11/2023 11:05:30
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.00

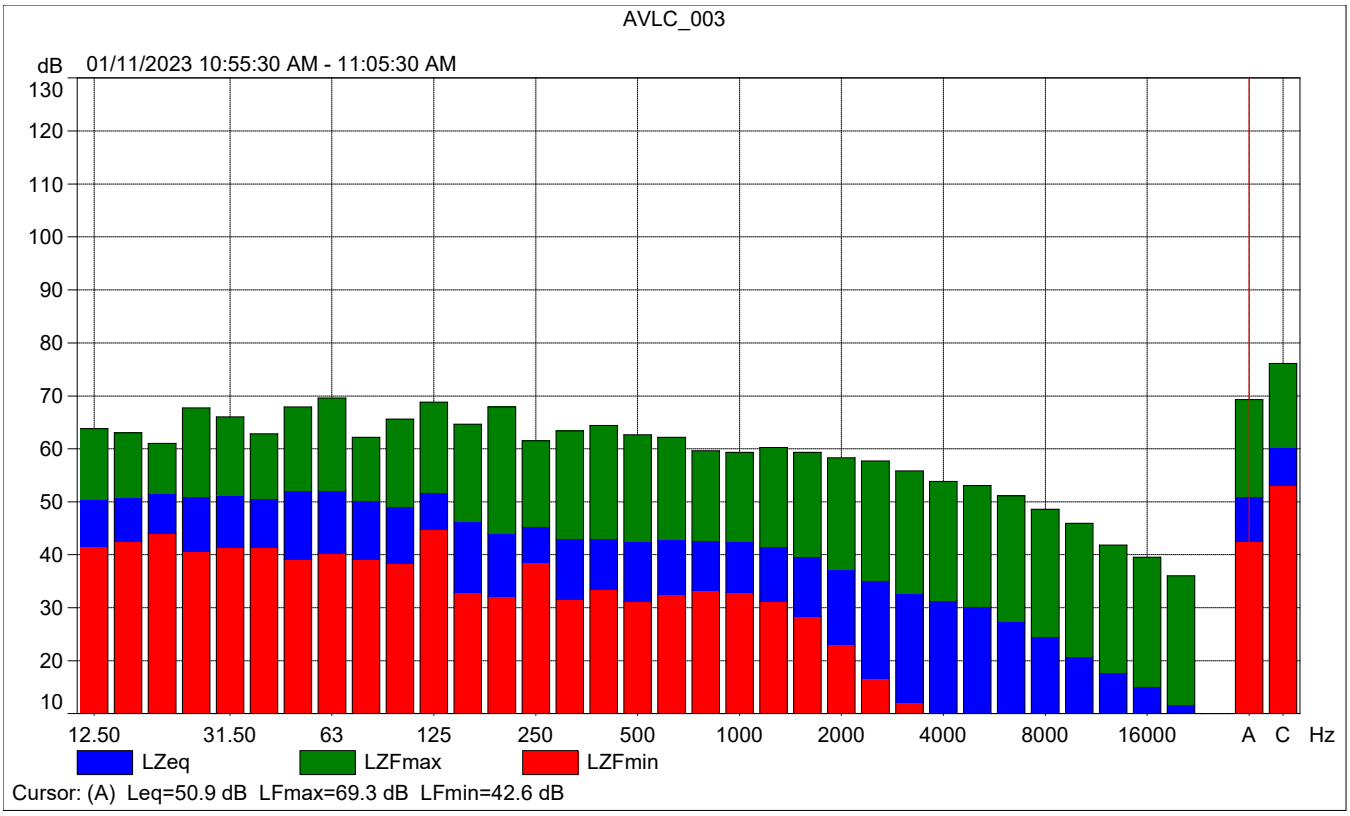
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

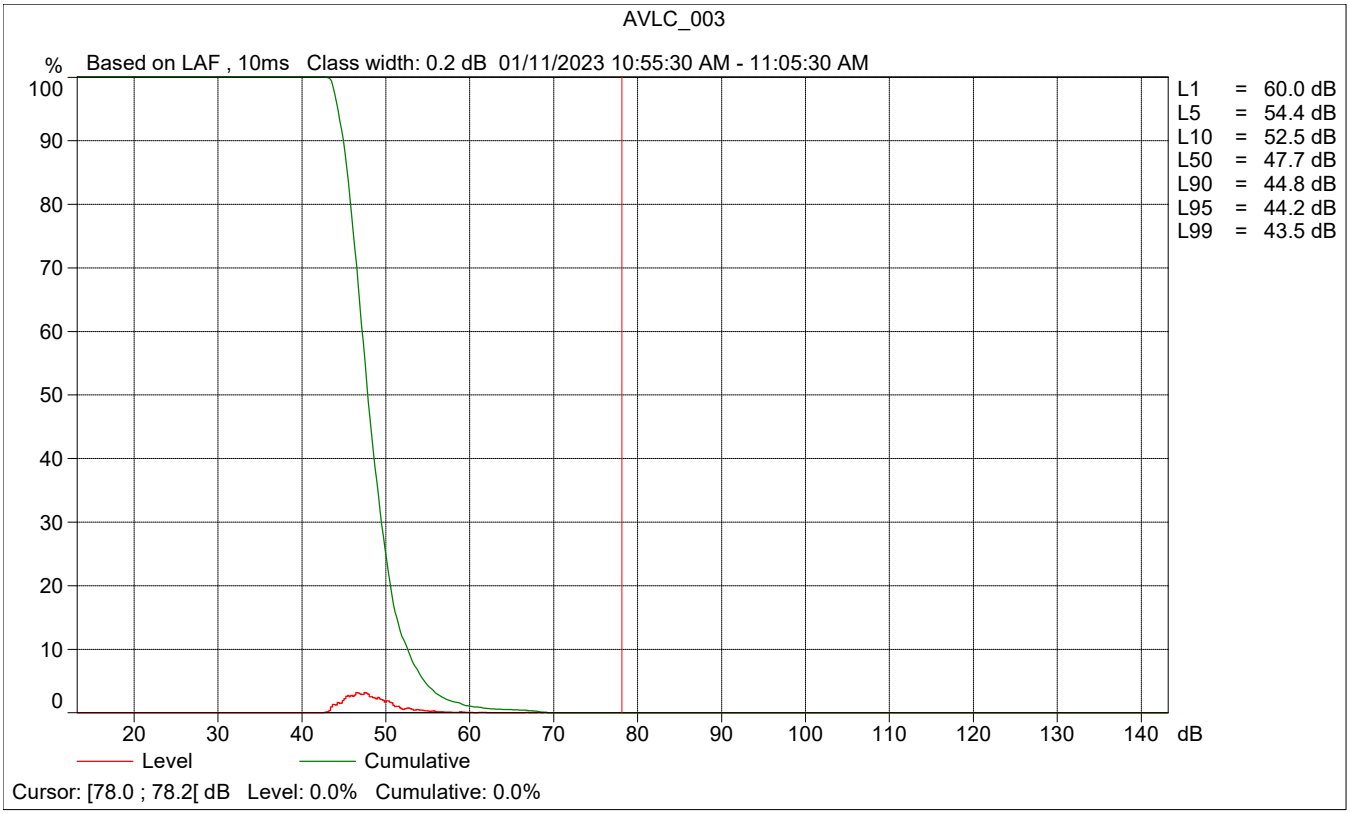
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

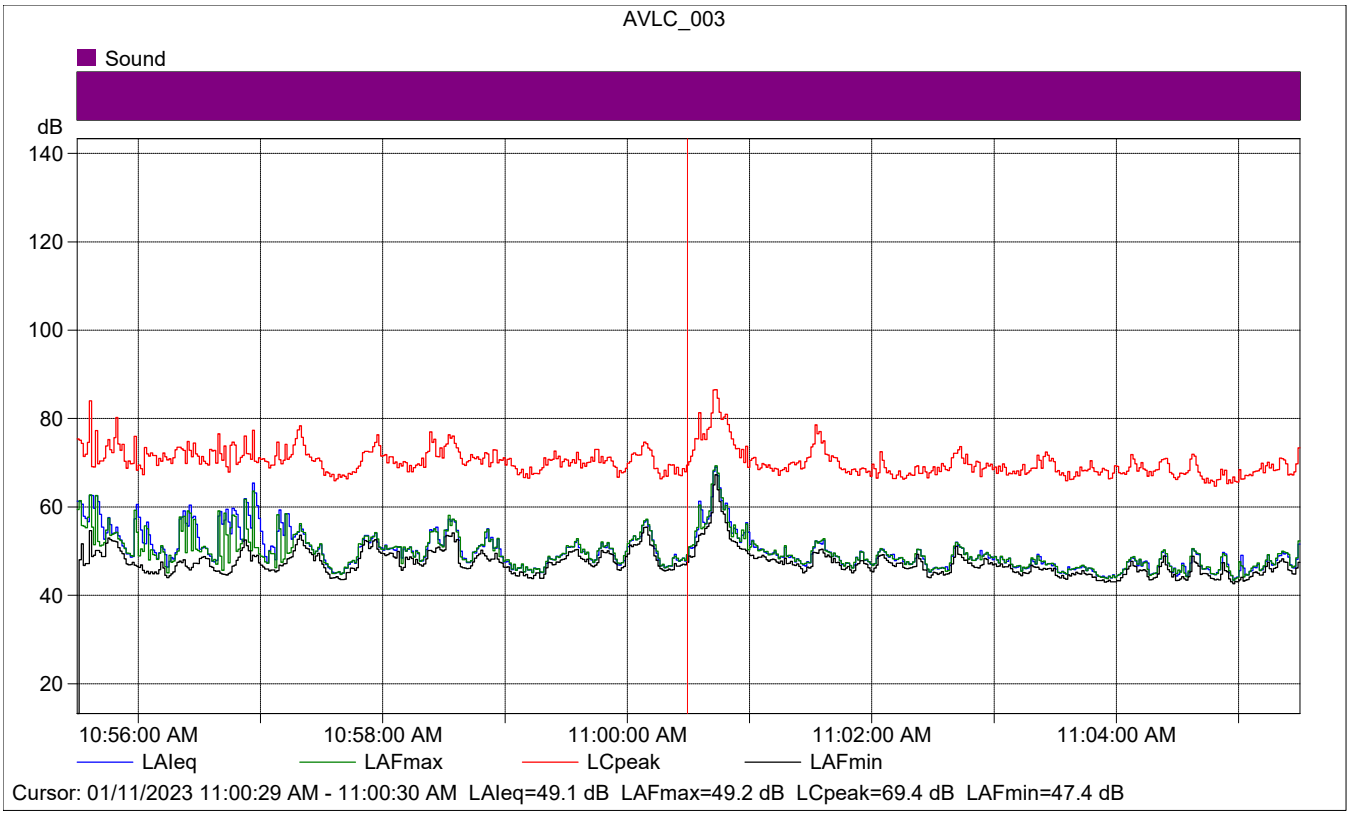
Calibration Time:		01/11/2023 10:12:27
Calibration Type:		External reference
Sensitivity:		44.2486479878426 mV/Pa

AVLC_003

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	50.9	69.3	42.6
Time	10:55:30 AM	11:05:30 AM	0:10:00				
Date	01/11/2023	01/11/2023					

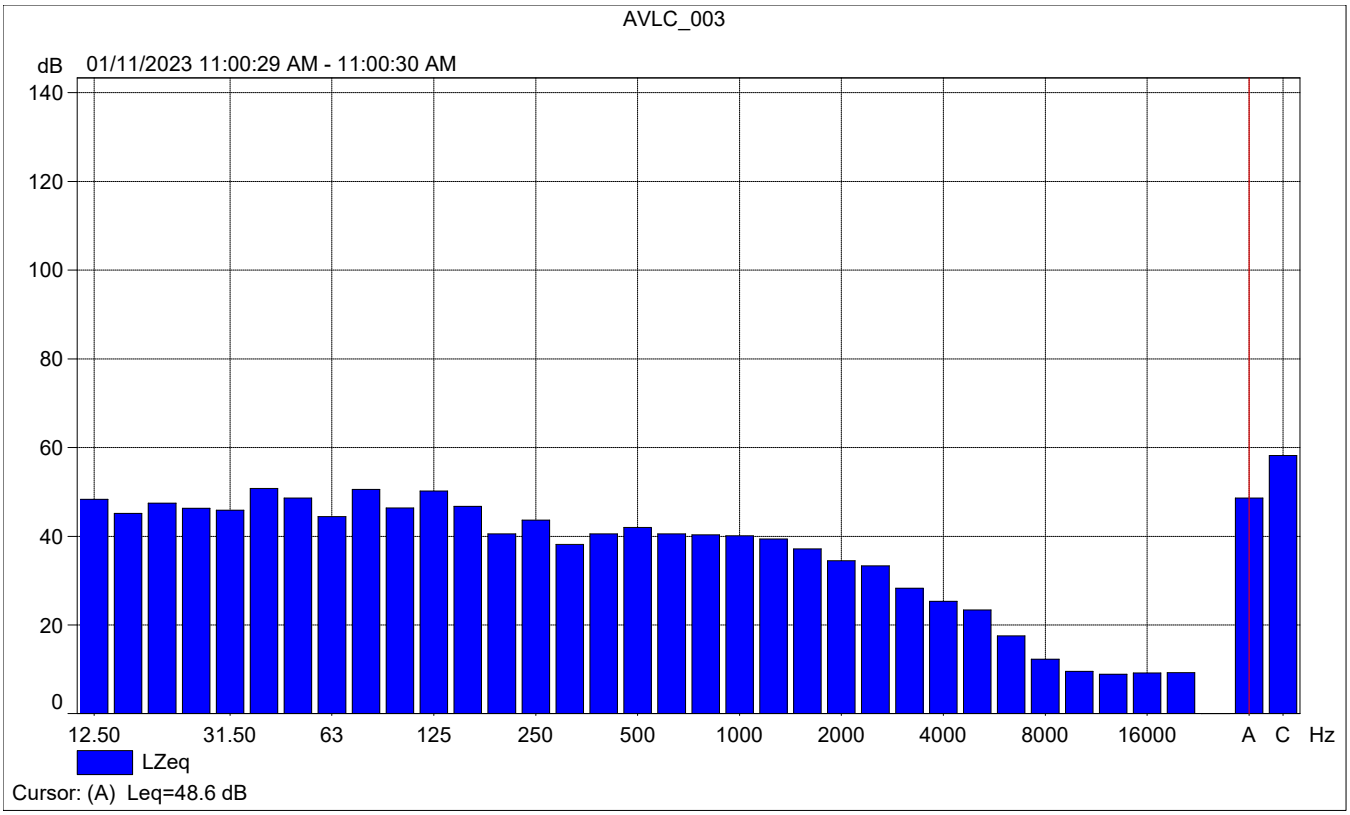

AVLC_003
dB
01/11/2023 10:55:30 AM - 11:05:30 AM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=50.9 dB LFmax=69.3 dB LFmin=42.6 dB

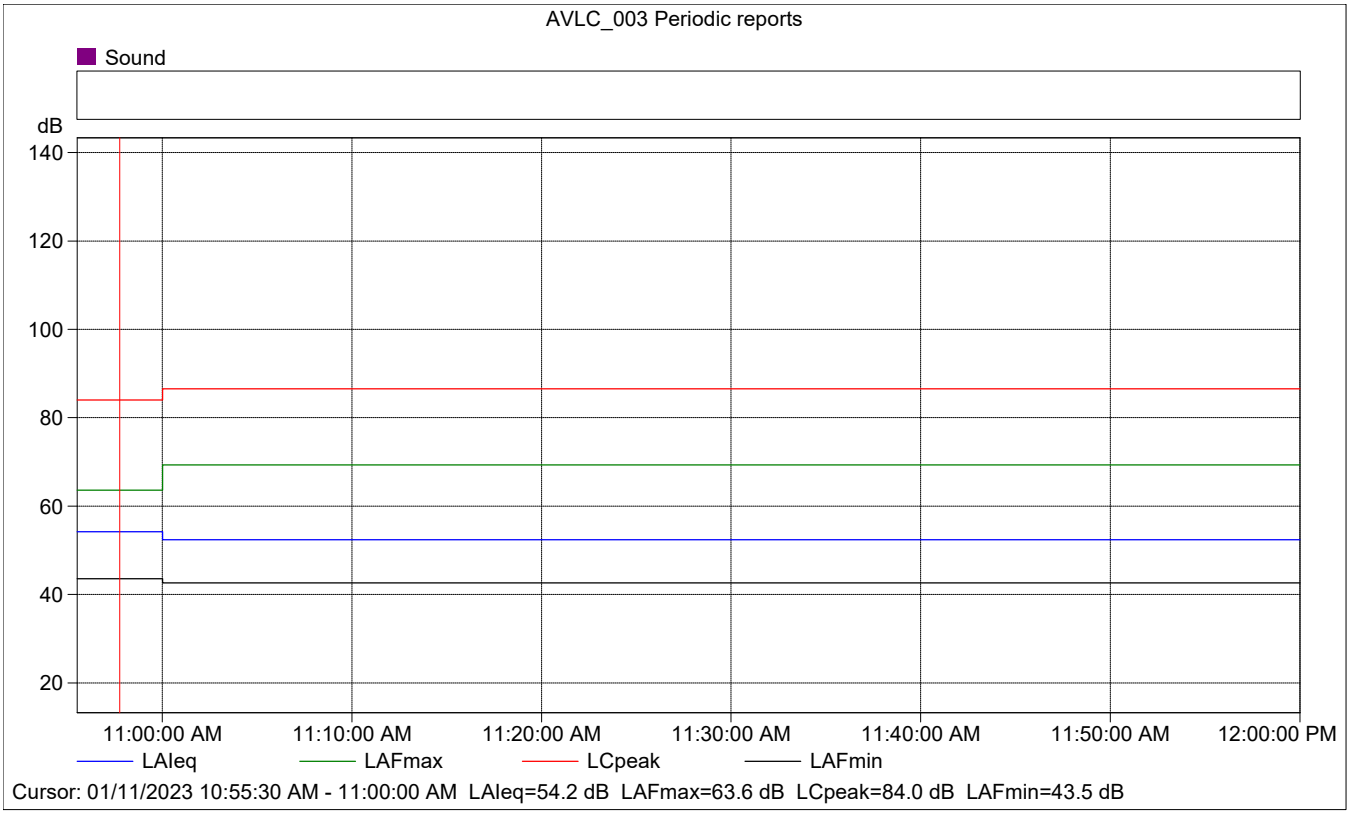

AVLC_003
%
Based on LAF , 10ms Class width: 0.2 dB 01/11/2023 10:55:30 AM - 11:05:30 AM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 60.0 dB
L5 = 54.4 dB
L10 = 52.5 dB
L50 = 47.7 dB
L90 = 44.8 dB
L95 = 44.2 dB
L99 = 43.5 dB
Level
Cumulative
Cursor: [78.0 ; 78.2[dB Level: 0.0% Cumulative: 0.0%



AVLC_003

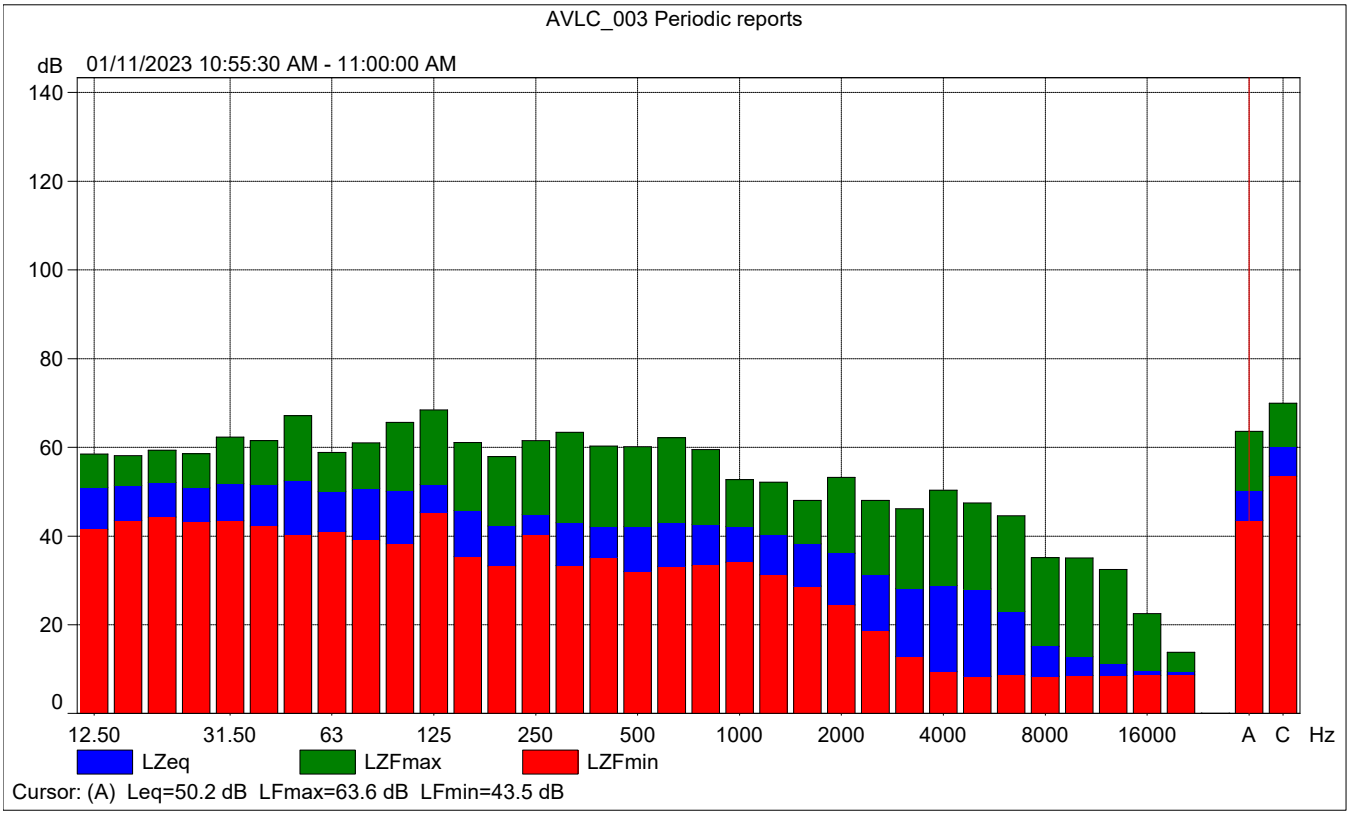
	Start time	Elapsed time	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			49.1	49.2	47.4
Time	11:00:29 AM	0:00:01			
Date	01/11/2023				

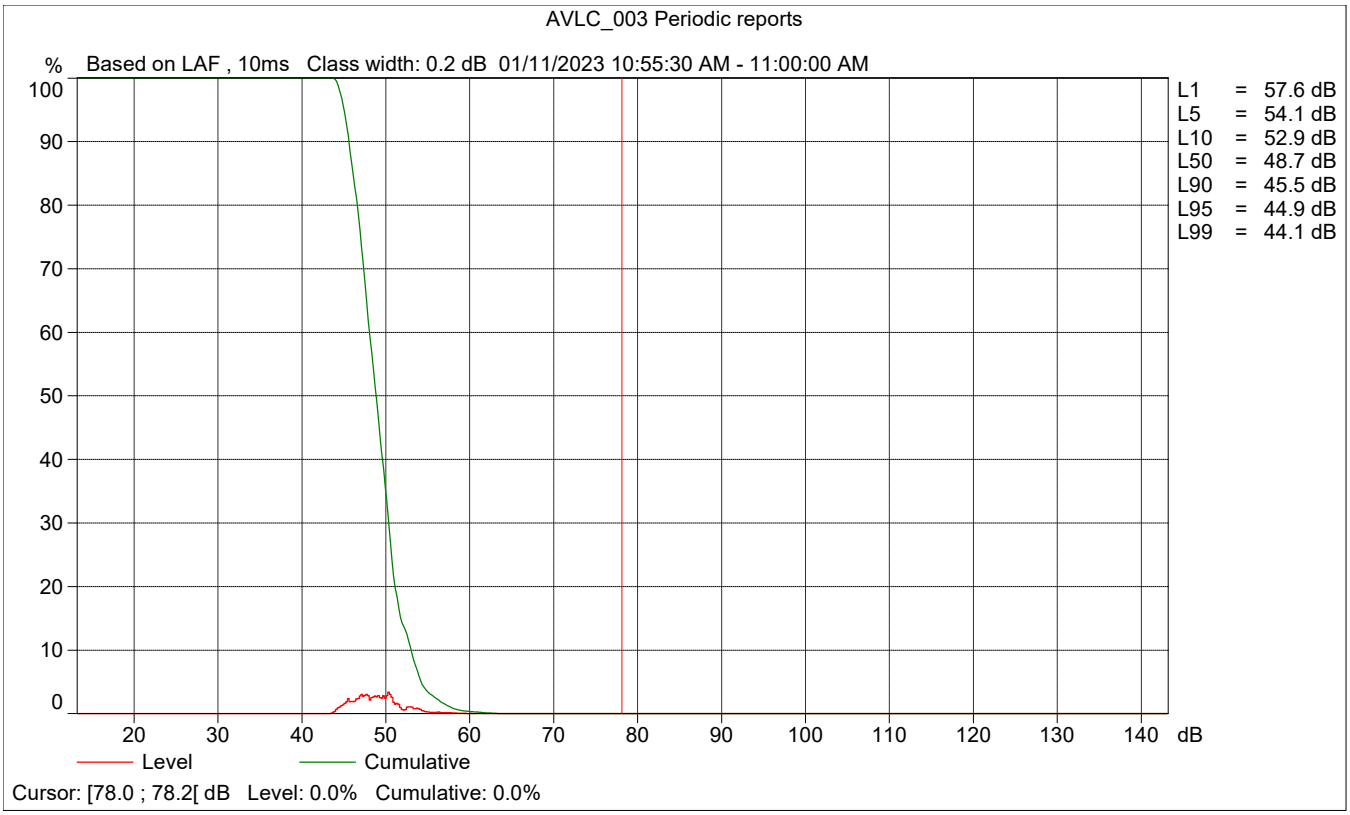

AVLC_003
dB
01/11/2023 11:00:29 AM - 11:00:30 AM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=48.6 dB


AVLC_003 Periodic reports
Sound
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: 01/11/2023 10:55:30 AM - 11:00:00 AM LAIeq=54.2 dB LAFmax=63.6 dB LCpeak=84.0 dB LAFmin=43.5 dB

AVLC_003 Periodic reports

	Start time	Elapsed time	Overload [%]	LAleq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	54.2	63.6	43.5
Time	10:55:30 AM	0:04:30				
Date	01/11/2023					




AVLC_003 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 01/11/2023 10:55:30 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 = 57.6 dB
L5 = 54.1 dB
L10 = 52.9 dB
L50 = 48.7 dB
L90 = 45.5 dB
L95 = 44.9 dB
L99 = 44.1 dB
Level
Cumulative
Cursor: [78.0 ; 78.2[dB Level: 0.0% Cumulative: 0.0%

Site Number: NM-4			
Recorded By: Darshan Shivaiah, Winnie Woo			
Job Number: 192691			
Date: 11/01/23			
Time: 11:32 a.m.			
Location: On the northwest corner of 25th Street West and West Avenue F intersection			
Source of Ambient Noise: Traffic noise along West Avenue F			
Source of Peak Noise: Trucks passing by			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
64.1	35.1	83.3	103.1

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	03/10/2022	
	Microphone	Brüel & Kjær	4189	3086765	03/10/2022	
	Preamp	Brüel & Kjær	ZC 0032	25380	03/10/2022	
	Calibrator	Brüel & Kjær	4231	2545667	03/10/2022	

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)
	3 mph	66	39

Photo of Measurement Location

2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		01/11/2023 11:32:24
End Time:		01/11/2023 11:42:24
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.00

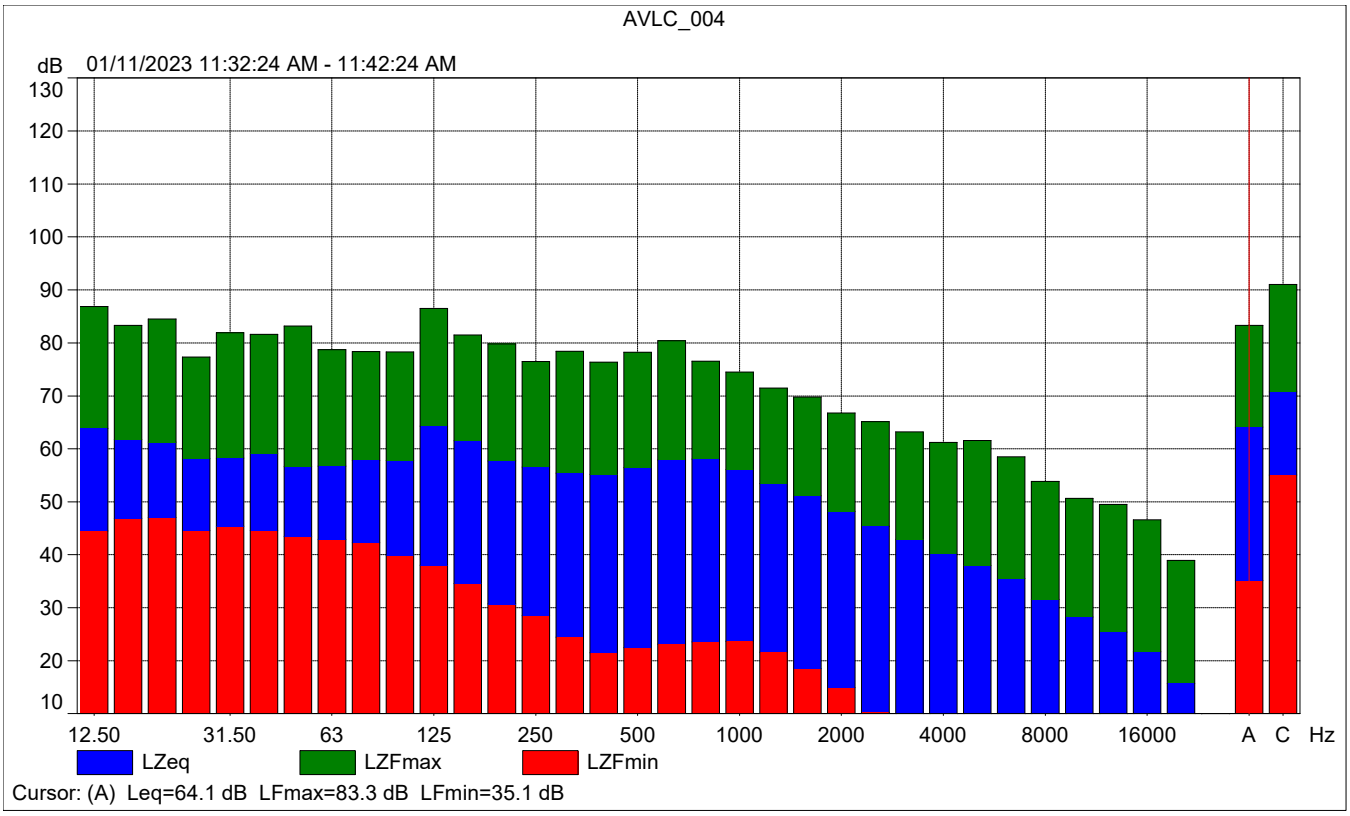
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

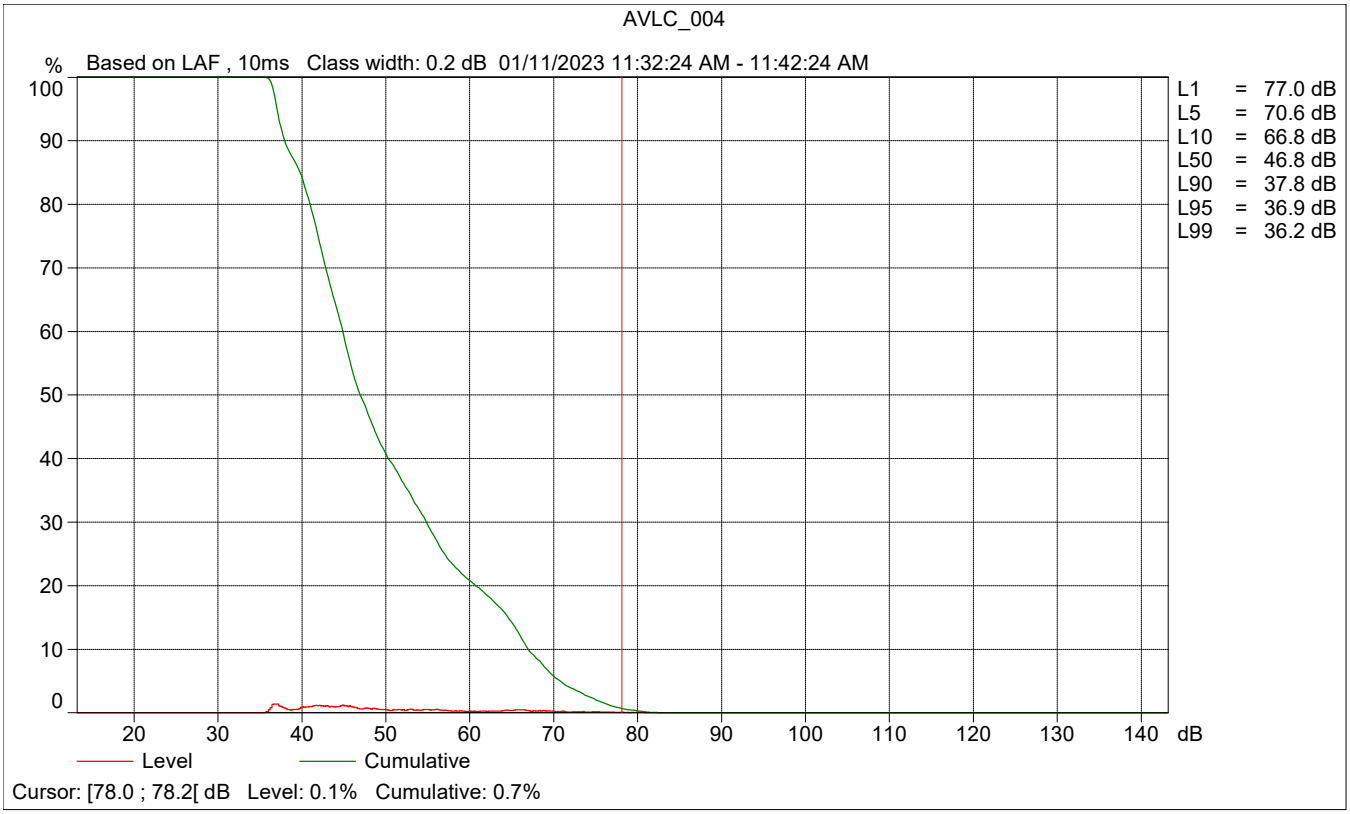
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

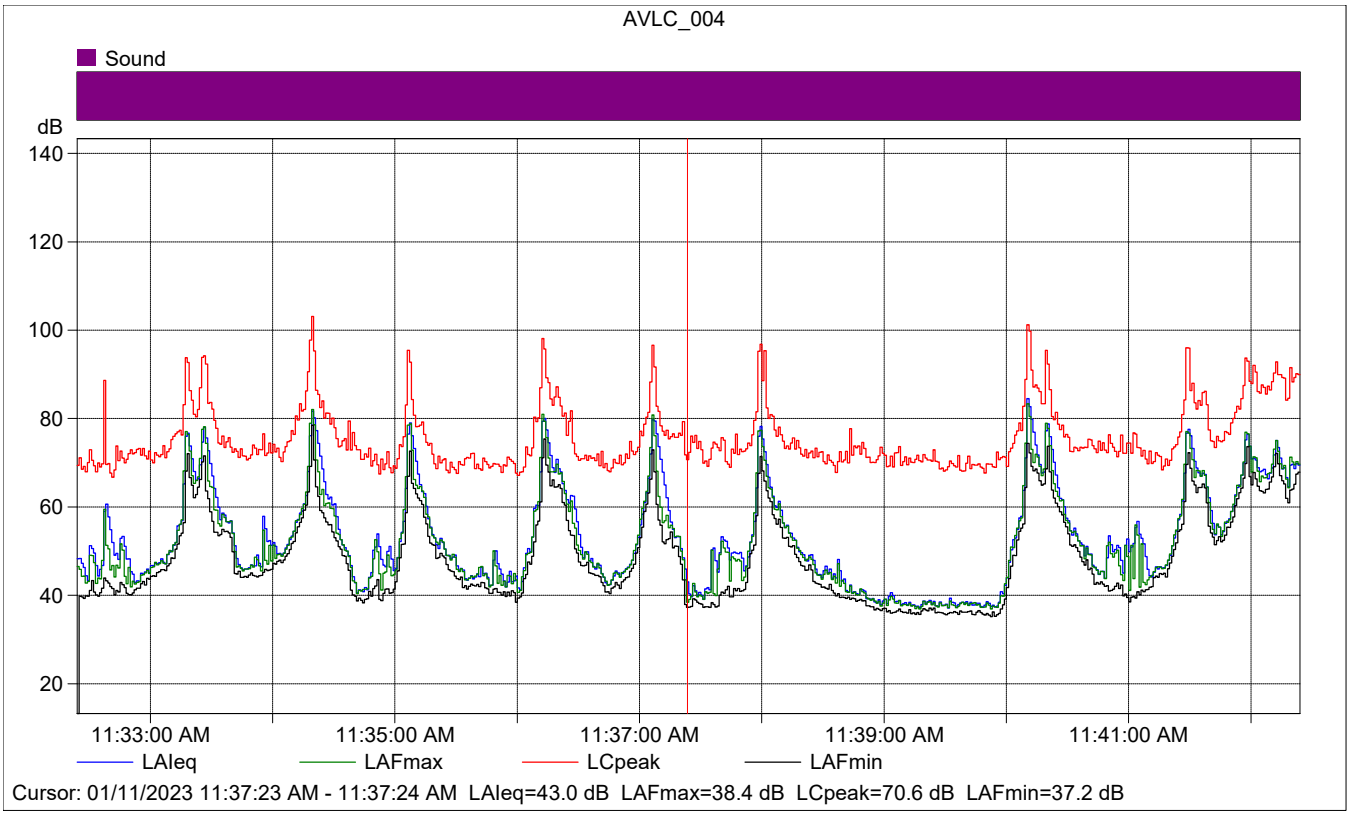
Calibration Time:		01/11/2023 10:12:27
Calibration Type:		External reference
Sensitivity:		44.2486479878426 mV/Pa

AVLC_004

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	64.1	83.3	35.1
Time	11:32:24 AM	11:42:24 AM	0:10:00				
Date	01/11/2023	01/11/2023					

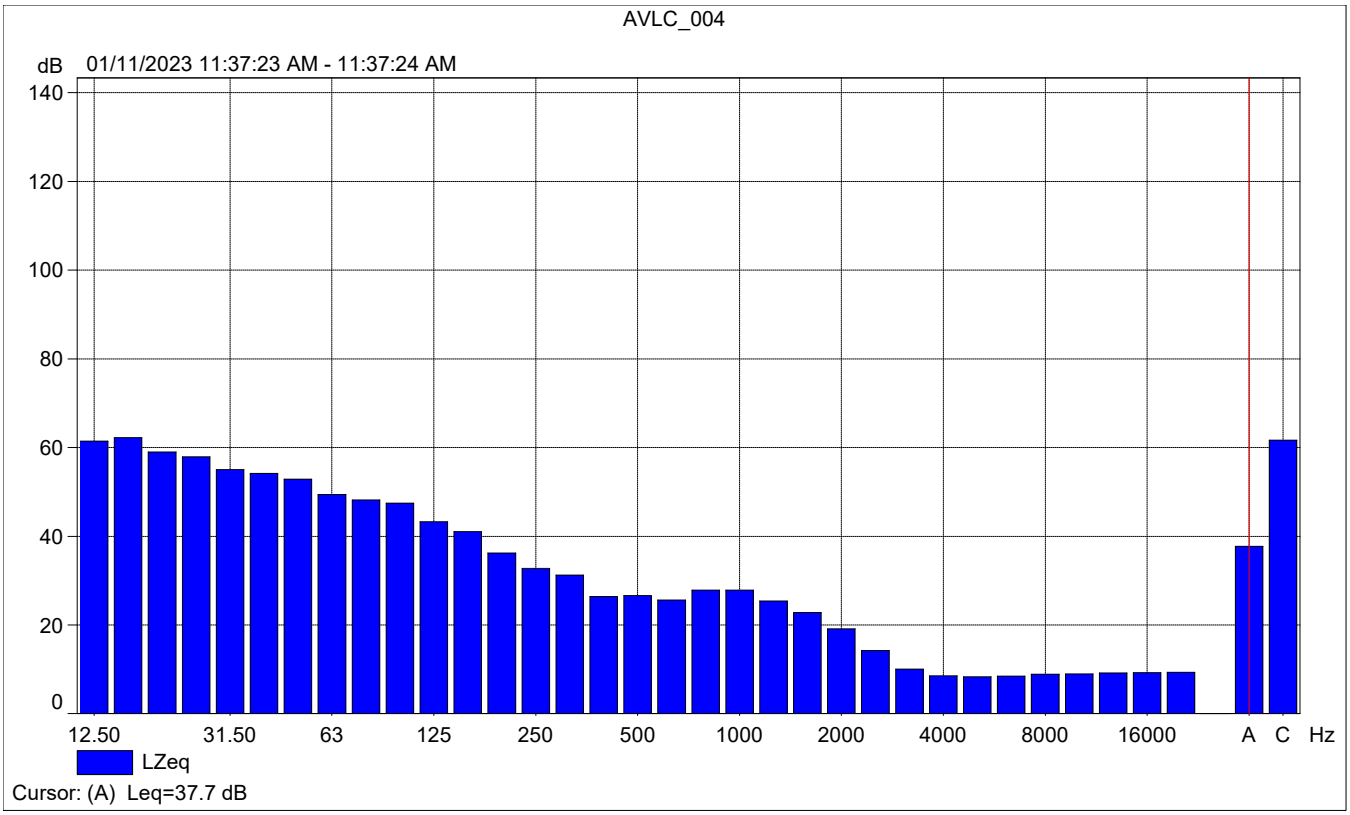

AVLC_004
dB
01/11/2023 11:32:24 AM - 11:42:24 AM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=64.1 dB LFmax=83.3 dB LFmin=35.1 dB

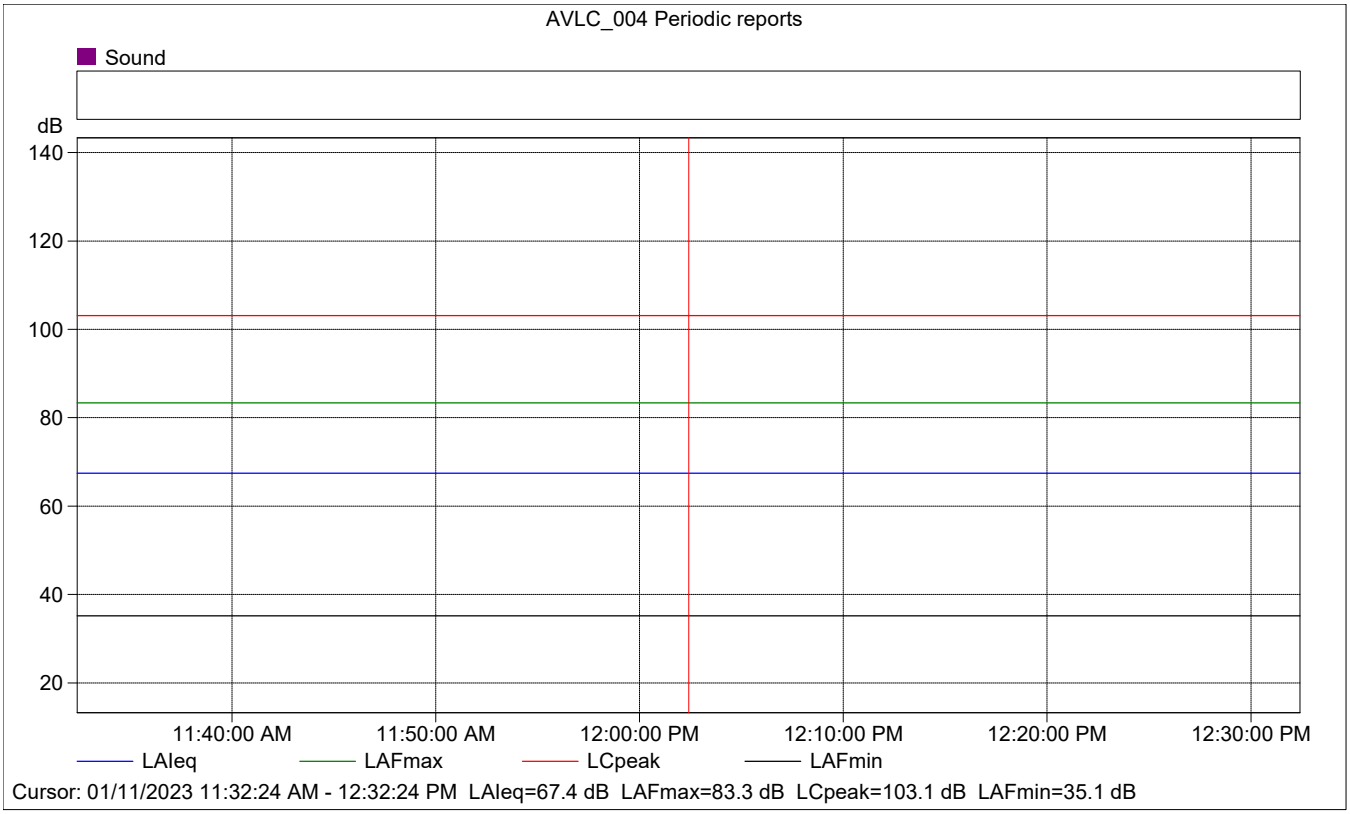

AVLC_004
%
Based on LAF , 10ms Class width: 0.2 dB 01/11/2023 11:32:24 AM - 11:42:24 AM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 77.0 dB
L5 = 70.6 dB
L10 = 66.8 dB
L50 = 46.8 dB
L90 = 37.8 dB
L95 = 36.9 dB
L99 = 36.2 dB
Level
Cumulative
Cursor: [78.0 ; 78.2[dB Level: 0.1% Cumulative: 0.7%



AVLC_004

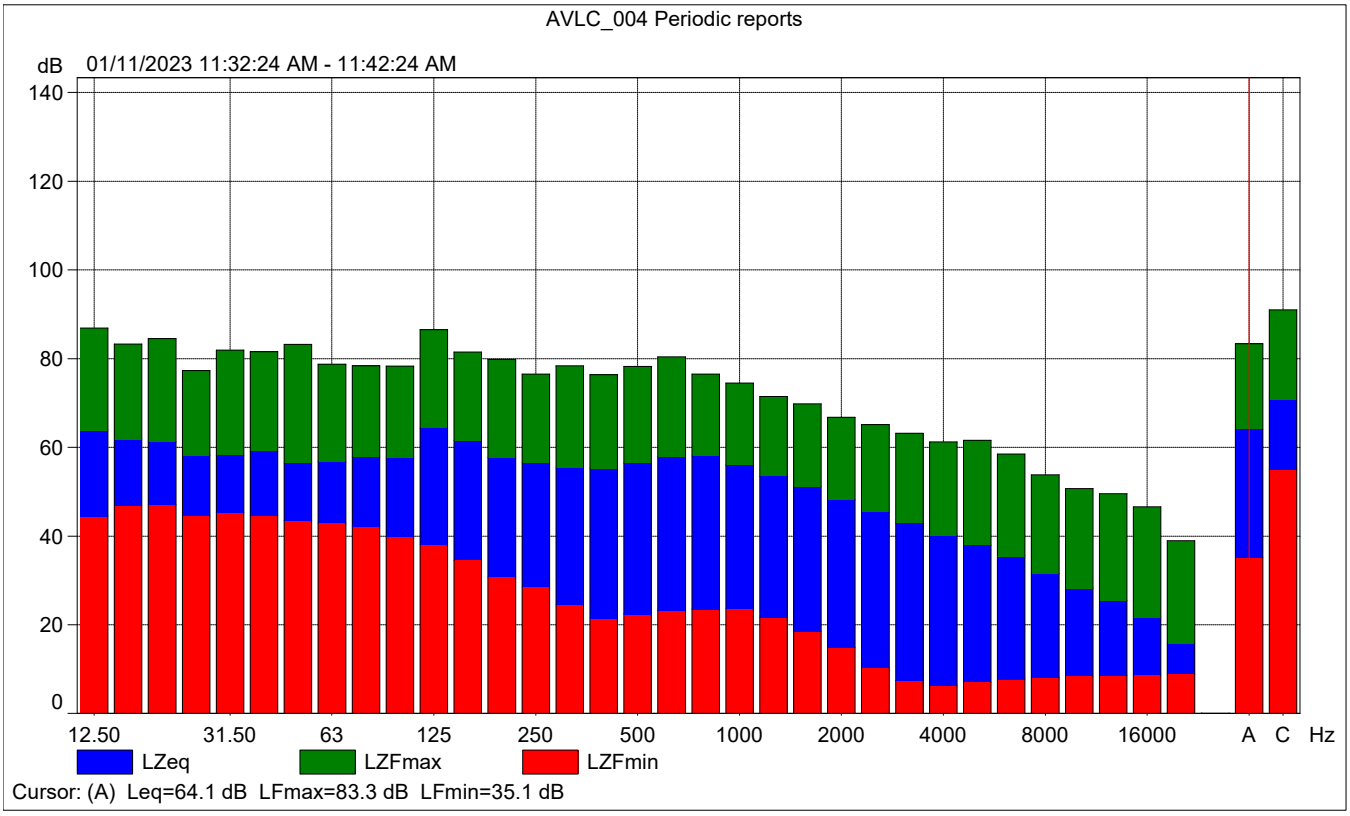
	Start time	Elapsed time	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			43.0	38.4	37.2
Time	11:37:23 AM	0:00:01			
Date	01/11/2023				

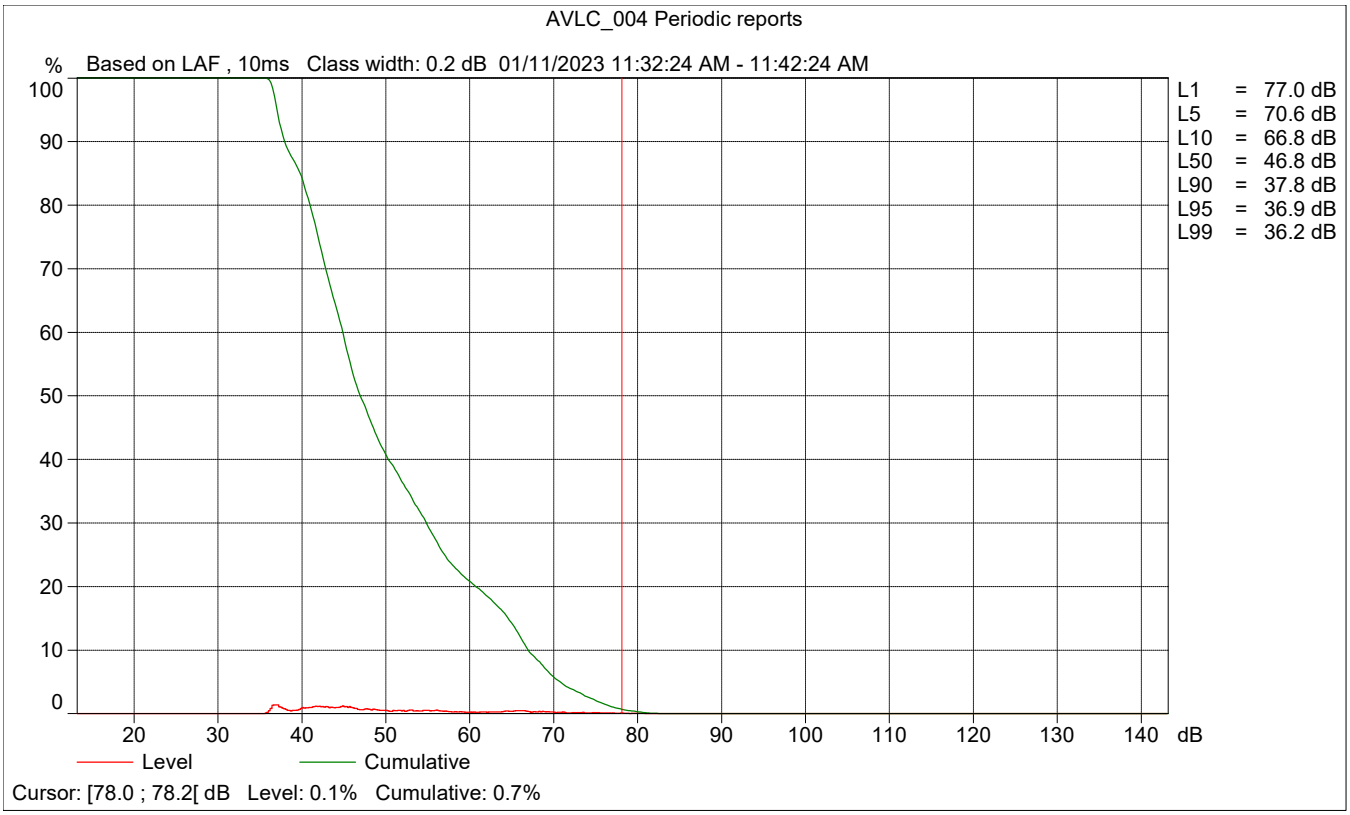

AVLC_004
dB
01/11/2023 11:37:23 AM - 11:37:24 AM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=37.7 dB


AVLC_004 Periodic reports
Sound
dB
140
120
100
80
60
40
20
11:40:00 AM
11:50:00 AM
12:00:00 PM
12:10:00 PM
12:20:00 PM
12:30:00 PM
LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 01/11/2023 11:32:24 AM - 12:32:24 PM LAIeq=67.4 dB LAFmax=83.3 dB LCpeak=103.1 dB LAFmin=35.1 dB

AVLC_004 Periodic reports

	Start time	Elapsed time	Overload [%]	LAleq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	67.4	83.3	35.1
Time	11:32:24 AM	0:10:00				
Date	01/11/2023					




AVLC_004 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 01/11/2023 11:32:24 AM - 11:42:24 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 = 77.0 dB
L5 = 70.6 dB
L10 = 66.8 dB
L50 = 46.8 dB
L90 = 37.8 dB
L95 = 36.9 dB
L99 = 36.2 dB
Level
Cumulative
Cursor: [78.0 ; 78.2[dB Level: 0.1% Cumulative: 0.7%

Site Number: NM-5			
Recorded By: Darshan Shivaiah, Winnie Woo			
Job Number: 192691			
Date: 11/01/23			
Time: 11:53 a.m.			
Location: Along the sidewalk of 20th Street West, near Liesure Lake Mobile Estates			
Source of Ambient Noise: Traffic noise along 20th Street West and SR-14			
Source of Peak Noise: Trucks passing by			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
58.8	42.9	76.5	92.2

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	03/10/2022	
	Microphone	Brüel & Kjær	4189	3086765	03/10/2022	
	Preamp	Brüel & Kjær	ZC 0032	25380	03/10/2022	
	Calibrator	Brüel & Kjær	4231	2545667	03/10/2022	

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)
	3 mph	66	39

Photo of Measurement Location

2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		01/11/2023 11:53:21
End Time:		01/11/2023 12:03:21
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.00

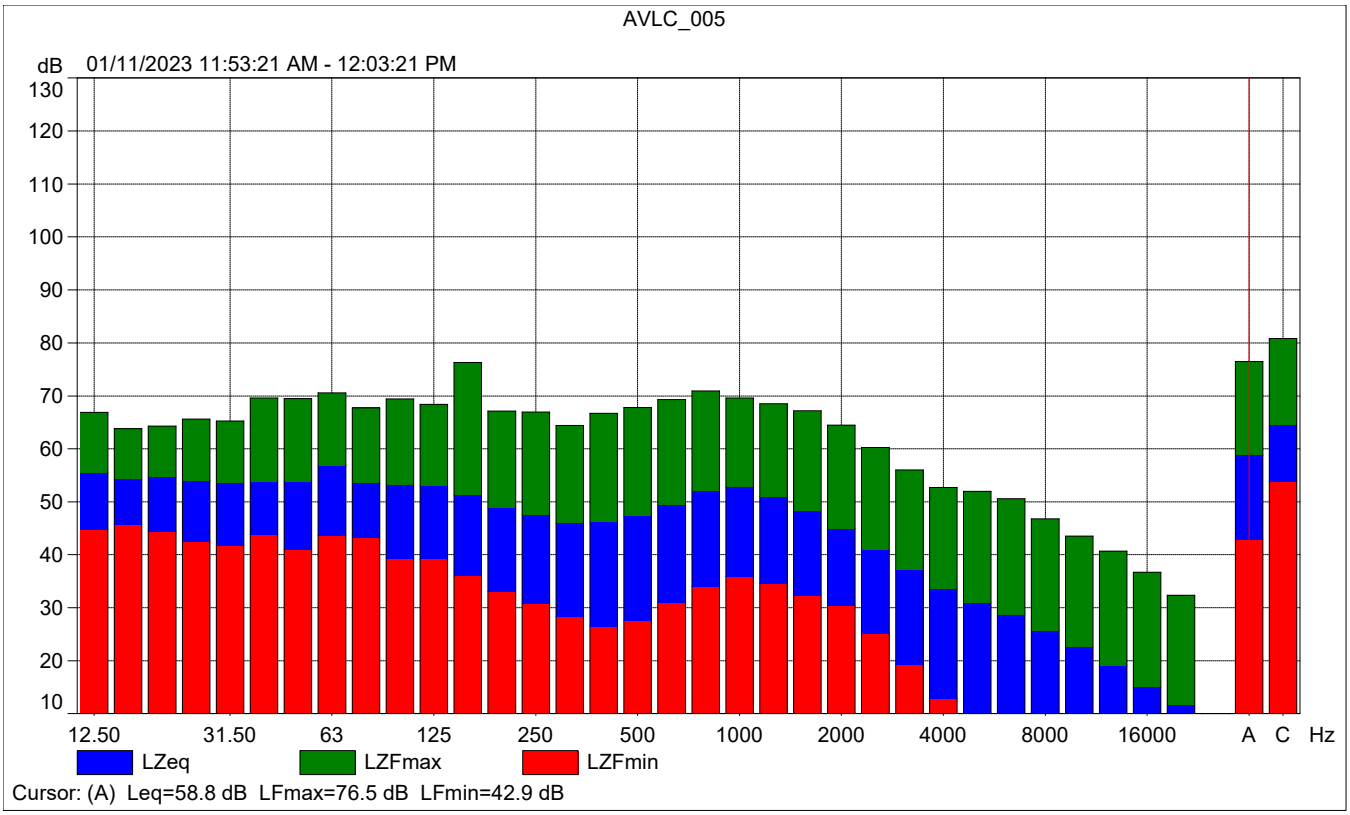
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

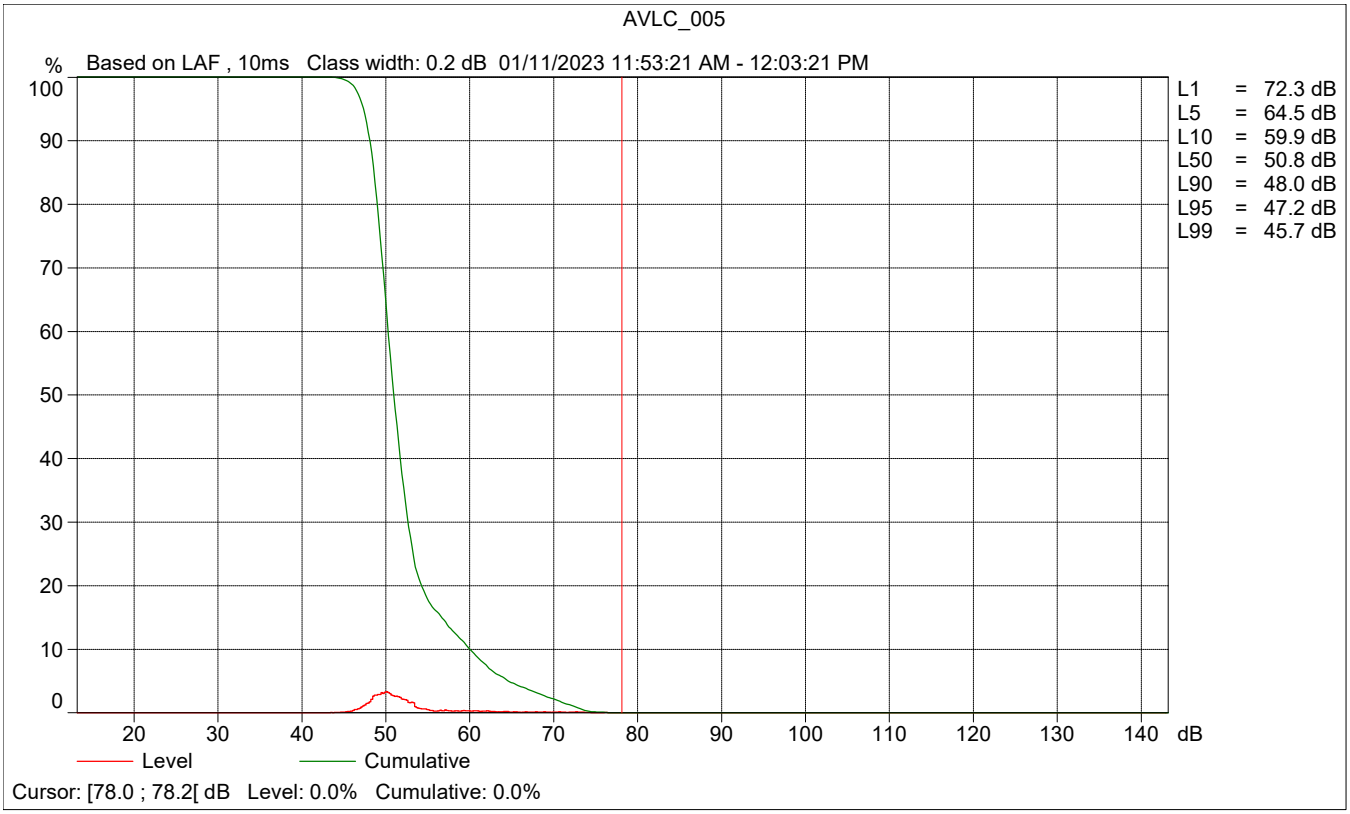
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

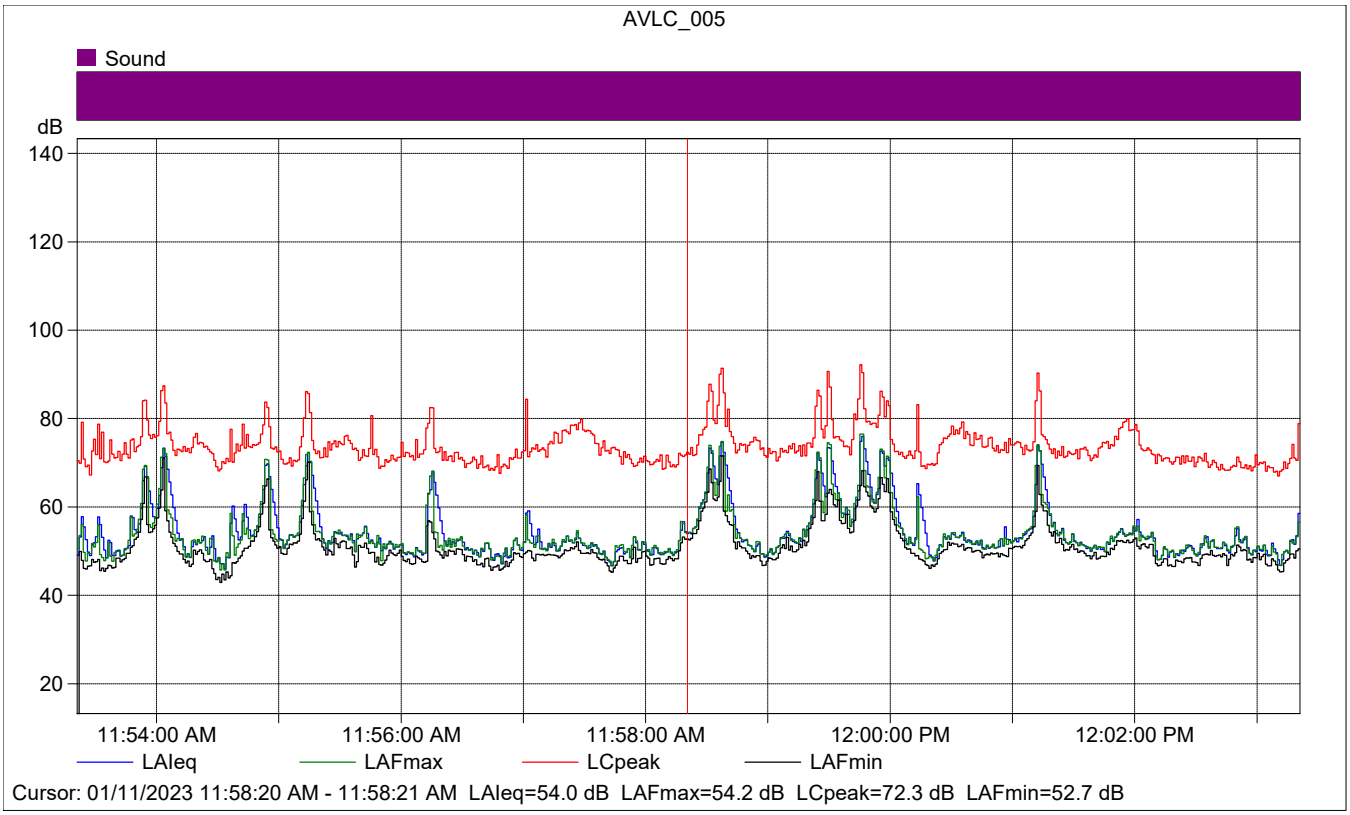
Calibration Time:		01/11/2023 10:12:27
Calibration Type:		External reference
Sensitivity:		44.2486479878426 mV/Pa

AVLC_005

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	58.8	76.5	42.9
Time	11:53:21 AM	12:03:21 PM	0:10:00				
Date	01/11/2023	01/11/2023					

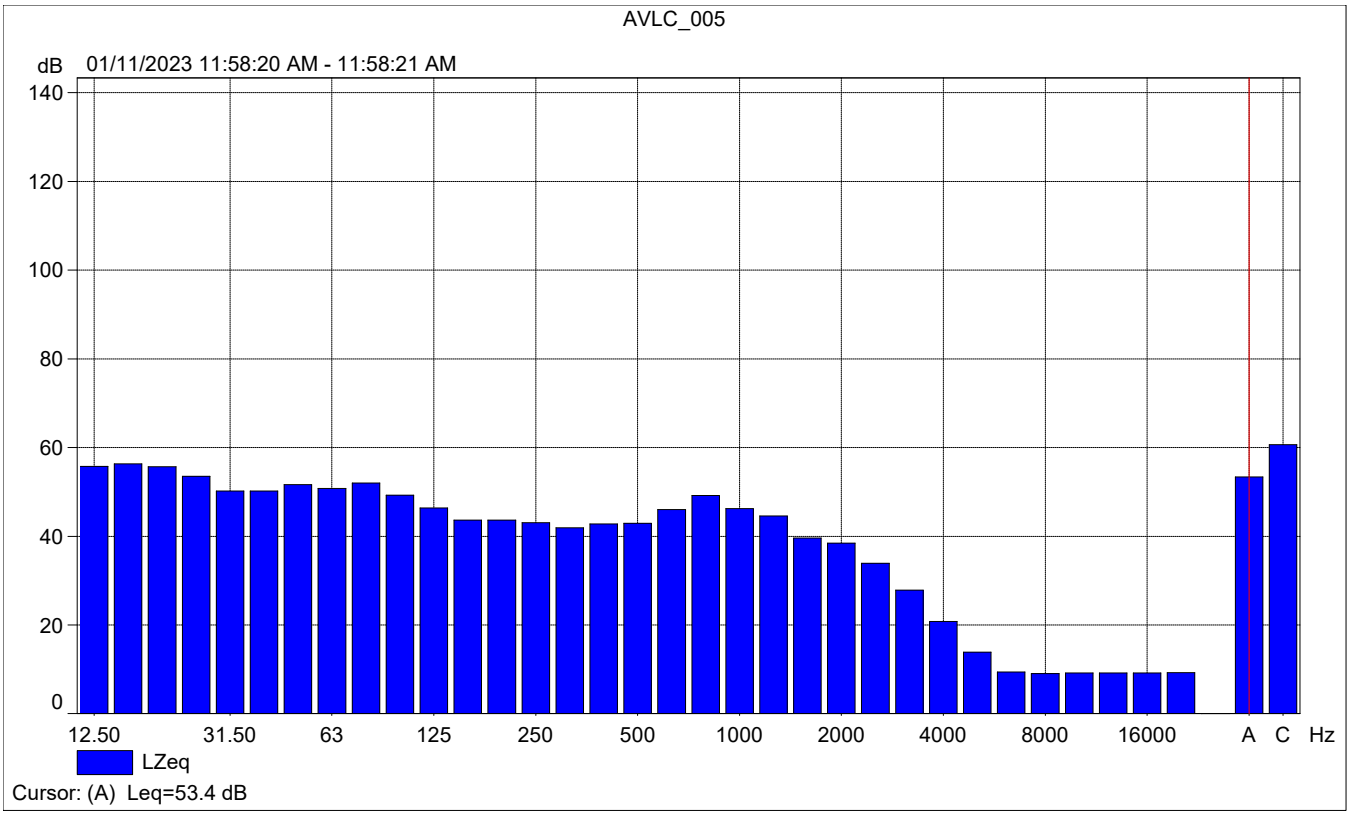

AVLC_005
dB
01/11/2023 11:53:21 AM - 12:03:21 PM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=58.8 dB LFmax=76.5 dB LFmin=42.9 dB

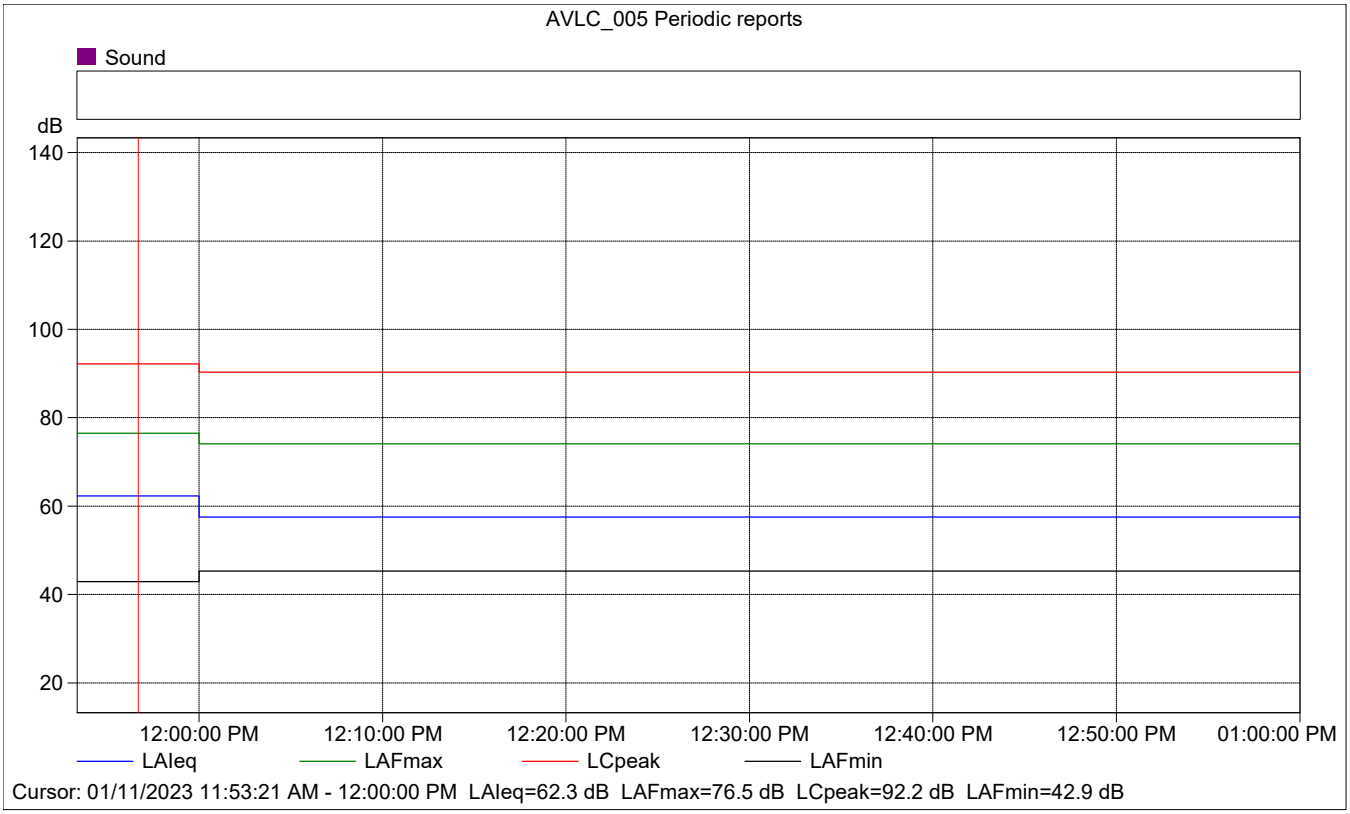

AVLC_005
%
Based on LAF , 10ms Class width: 0.2 dB 01/11/2023 11:53:21 AM - 12:03:21 PM
100
90
80
70
60
50
40
30
20
10
0
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 72.3 dB
L5 = 64.5 dB
L10 = 59.9 dB
L50 = 50.8 dB
L90 = 48.0 dB
L95 = 47.2 dB
L99 = 45.7 dB
Level
Cumulative
Cursor: [78.0 ; 78.2[dB Level: 0.0% Cumulative: 0.0%



AVLC_005

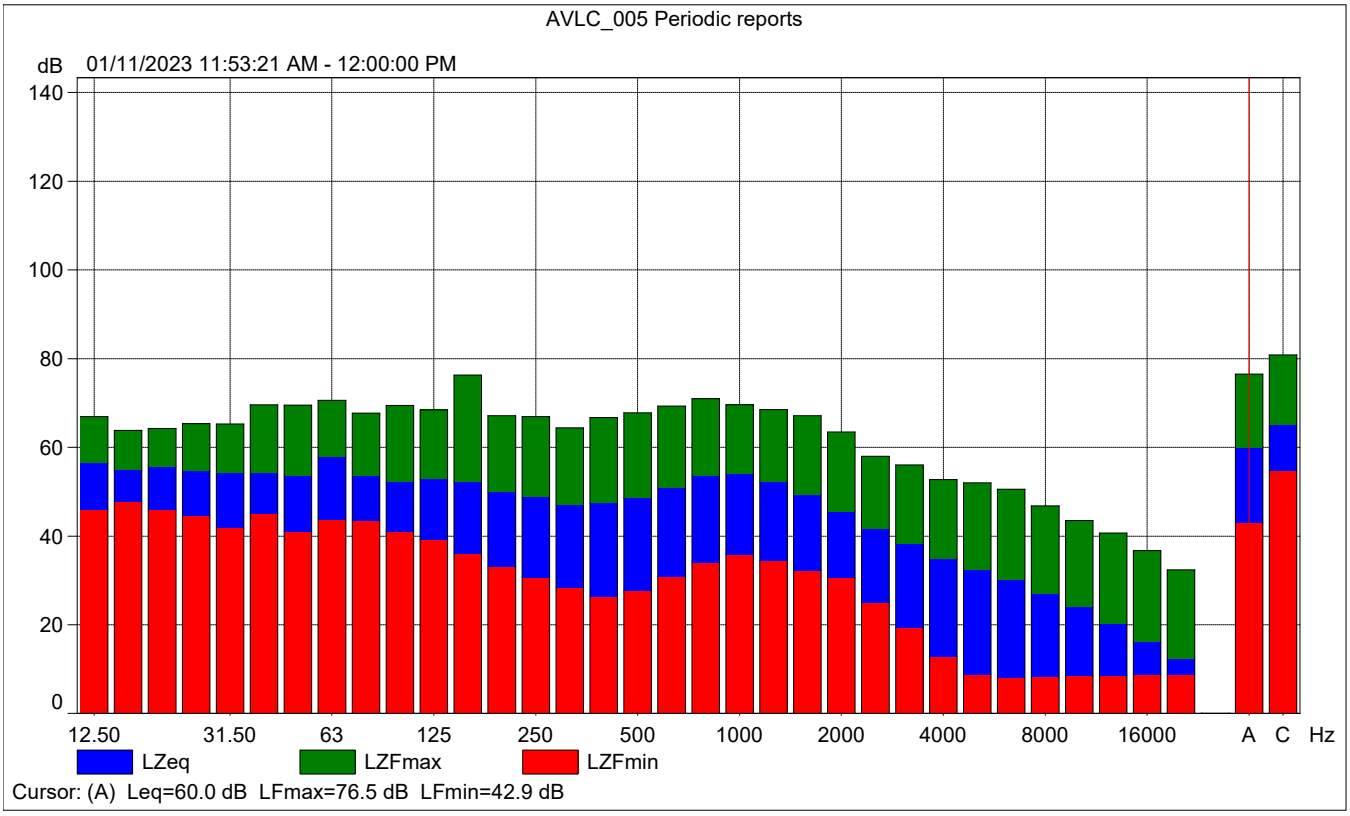
	Start time	Elapsed time	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			54.0	54.2	52.7
Time	11:58:20 AM	0:00:01			
Date	01/11/2023				

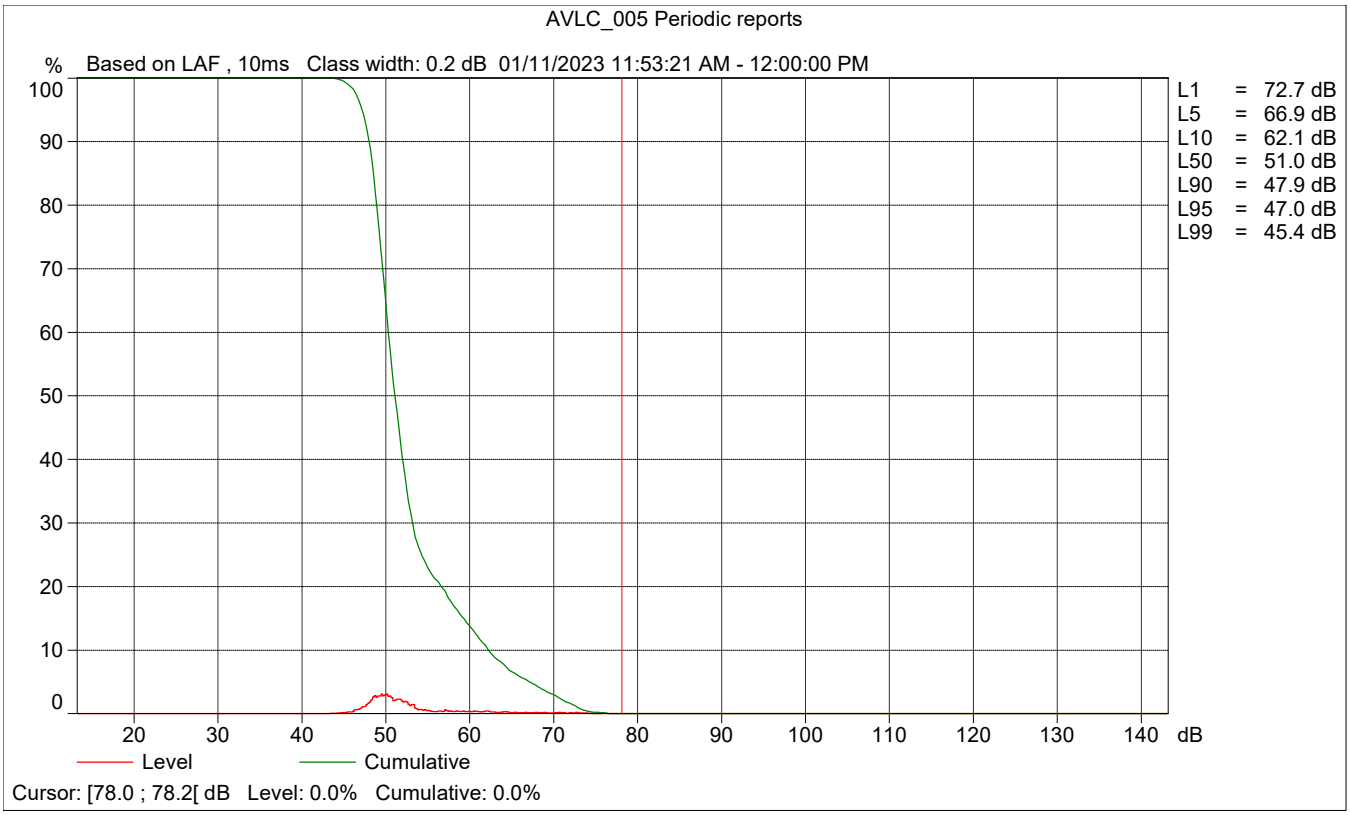

AVLC_005
dB
01/11/2023 11:58:20 AM - 11:58:21 AM
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
C
Hz
LZeq
Cursor: (A) Leq=53.4 dB


AVLC_005 Periodic reports
Sound
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: 01/11/2023 11:53:21 AM - 12:00:00 PM LAIeq=62.3 dB LAFmax=76.5 dB LCpeak=92.2 dB LAFmin=42.9 dB

AVLC_005 Periodic reports

	Start time	Elapsed time	Overload [%]	LAleq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	62.3	76.5	42.9
Time	11:53:21 AM	0:06:39				
Date	01/11/2023					




AVLC_005 Periodic reports
% Based on LAF , 10ms Class width: 0.2 dB 01/11/2023 11:53:21 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 = 72.7 dB
L5 = 66.9 dB
L10 = 62.1 dB
L50 = 51.0 dB
L90 = 47.9 dB
L95 = 47.0 dB
L99 = 45.4 dB
Level
Cumulative
Cursor: [78.0 ; 78.2[dB Level: 0.0% Cumulative: 0.0%

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 2/28/2023
Case Description: AVLC West

				---- Receptor #1 ----
		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Grading	Residential	80	80	80

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		3200	0
Excavator	No	40		80.7	3200	0
Excavator	No	40		80.7	3200	0
Tractor	No	40	84		3200	0
Tractor	No	40	84		3200	0
Scraper	No	40		83.6	3200	0
Scraper	No	40		83.6	3200	0
Dozer	No	40		81.7	3200	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Grader	48.9	44.9
Excavator	44.6	40.6
Excavator	44.6	40.6
Tractor	47.9	43.9
Tractor	47.9	43.9
Scraper	47.5	43.5
Scraper	47.5	43.5
Dozer	45.5	41.6
Total	48.9	52.1

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report dat 2/28/2023
Case Descr AVLC West

		Baselines (dBA)		---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night
Building Co	Residential	80	80	80

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Pickup Truck	No	40		75	3200	0
Pickup Truck	No	40		75	3200	0
Pickup Truck	No	40		75	3200	0
Generator	No	50		80.6	3200	0
Crane	No	16		80.6	3200	0
Welder / Torch	No	40		74	3200	0
Tractor	No	40	84		3200	0
Tractor	No	40	84		3200	0
Tractor	No	40	84		3200	0

Results

Calculated (dBA)

Equipment	*Lmax	Leq
Pickup Truck	38.9	34.9
Pickup Truck	38.9	34.9
Pickup Truck	38.9	34.9
Generator	44.5	41.5
Crane	44.4	36.5
Welder / Torch	37.9	33.9
Tractor	47.9	43.9
Tractor	47.9	43.9
Tractor	47.9	43.9
Total	47.9	50.2

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report dat 2/28/2023
Case Descr AVLC West

		---- Receptor #1 ----		
		Baselines (dBA)		
Descriptior	Land Use	Daytime	Evening	Night
Paving	Residential	80	80	80

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Paver	No	50		77.2	3200	0
Paver	No	50		77.2	3200	0
Paver	No	50		77.2	3200	0
Paver	No	50		77.2	3200	0
Roller	No	20		80	3200	0
Roller	No	20		80	3200	0

Results

Calculated (dBA)

Equipment	*Lmax	Leq
Paver	41.1	38.1
Paver	41.1	38.1
Paver	41.1	38.1
Paver	41.1	38.1
Roller	43.9	36.9
Roller	43.9	36.9
Total	43.9	45.5

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report dat 2/28/2023
Case Descr AVLC West

		Baselines (dBA)		---- Receptor #1 ----
Descriptior	Land Use	Daytime	Evening	Night
Architectur	Residential	80	80	80

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	3200	0

Results

Calculated (dBA)

Equipment	*Lmax	Leq
Compressor (air)	41.5	37.6
Total	41.5	37.6

*Calculated Lmax is the Loudest value.