

APPENDIX E

Noise Data

Site Number: NM-1			
Recorded By: Tina Yuan			
Job Number: 188278			
Date: 3/29/22			
Time: 11:58 a.m.			
Location: The north side of the project site.			
Source of Peak Noise: Traffic along San Joaquin Hills Road.			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
58.9	70.3	39.0	84.3

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: Cloudy		
	Note: dBA Offset = 0.06			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	2		63		29.88	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		03/29/2022 11:58:39
End Time:		03/29/2022 12:08:39
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.04

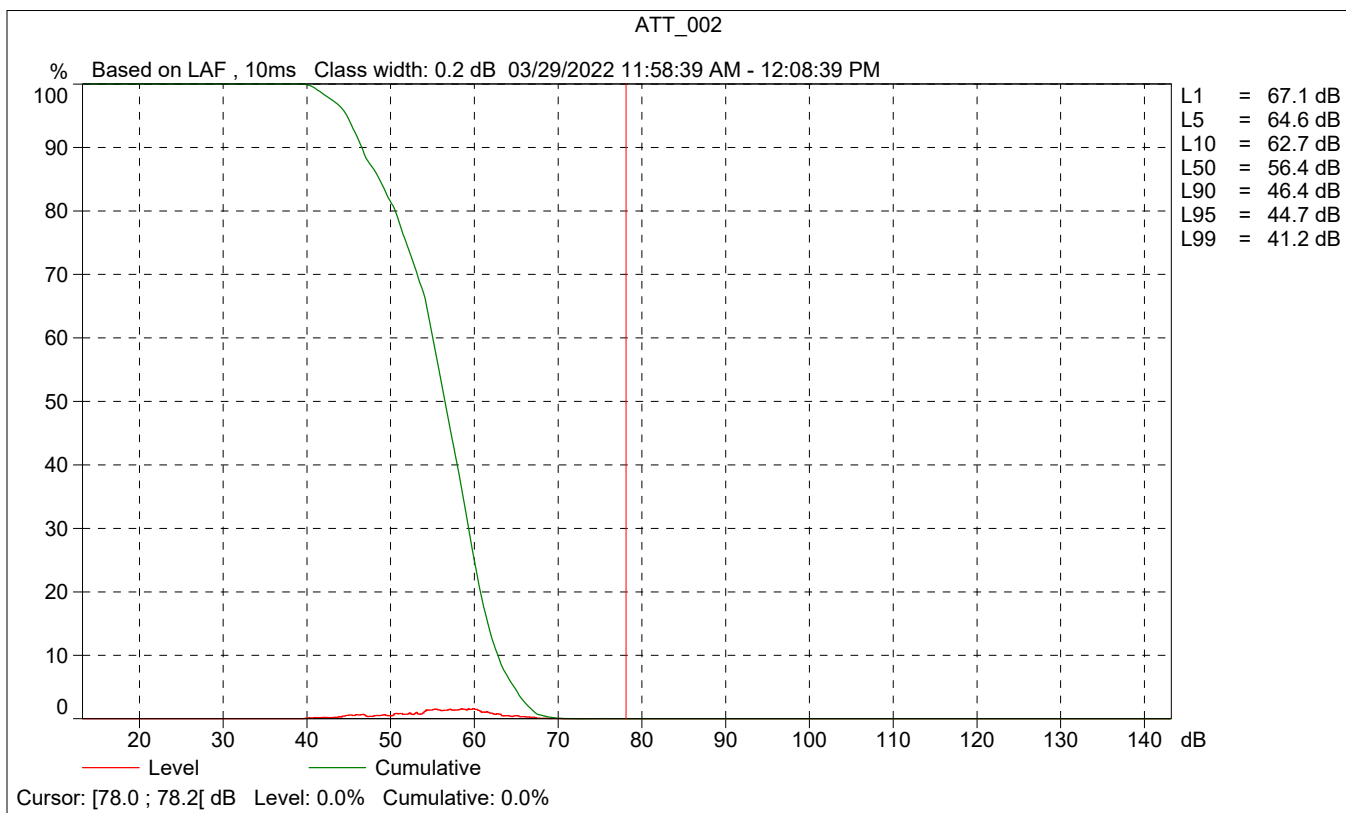
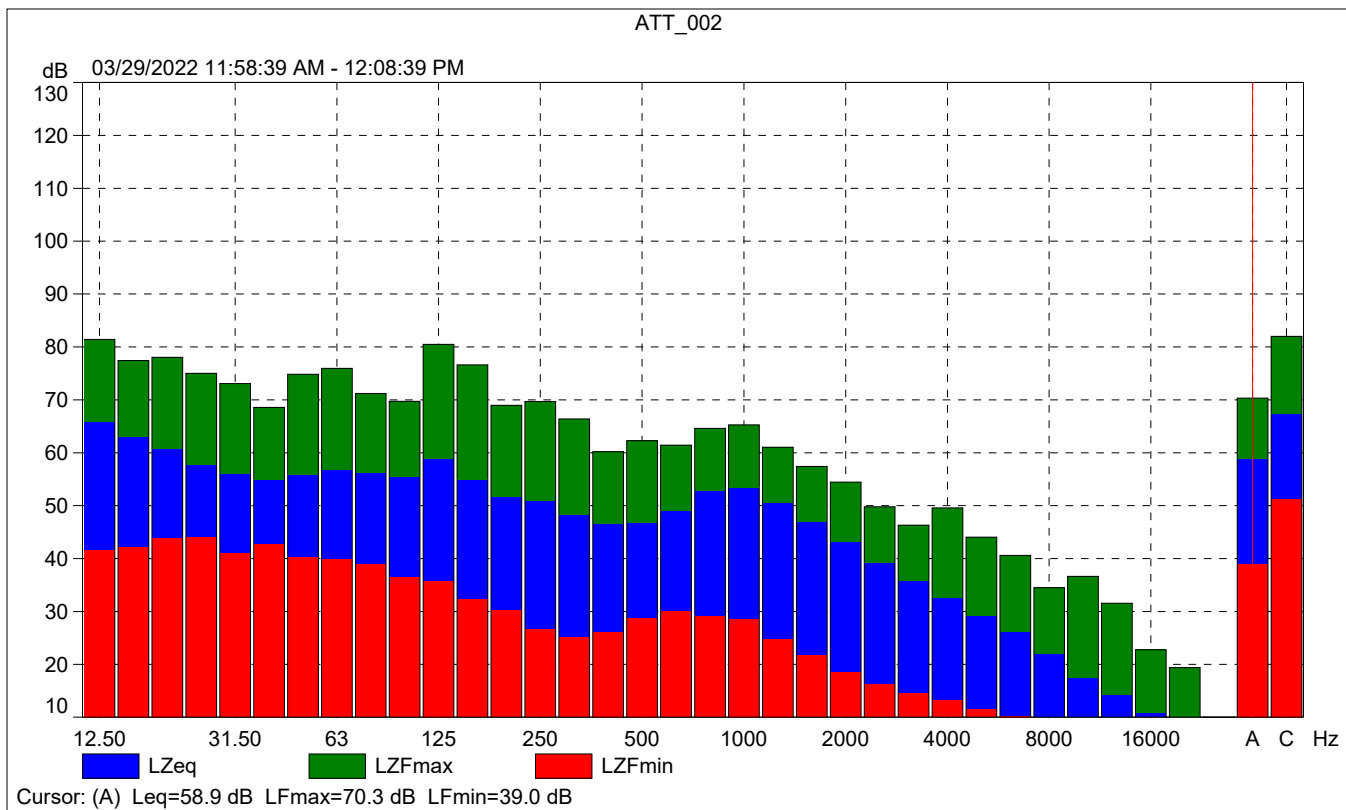
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

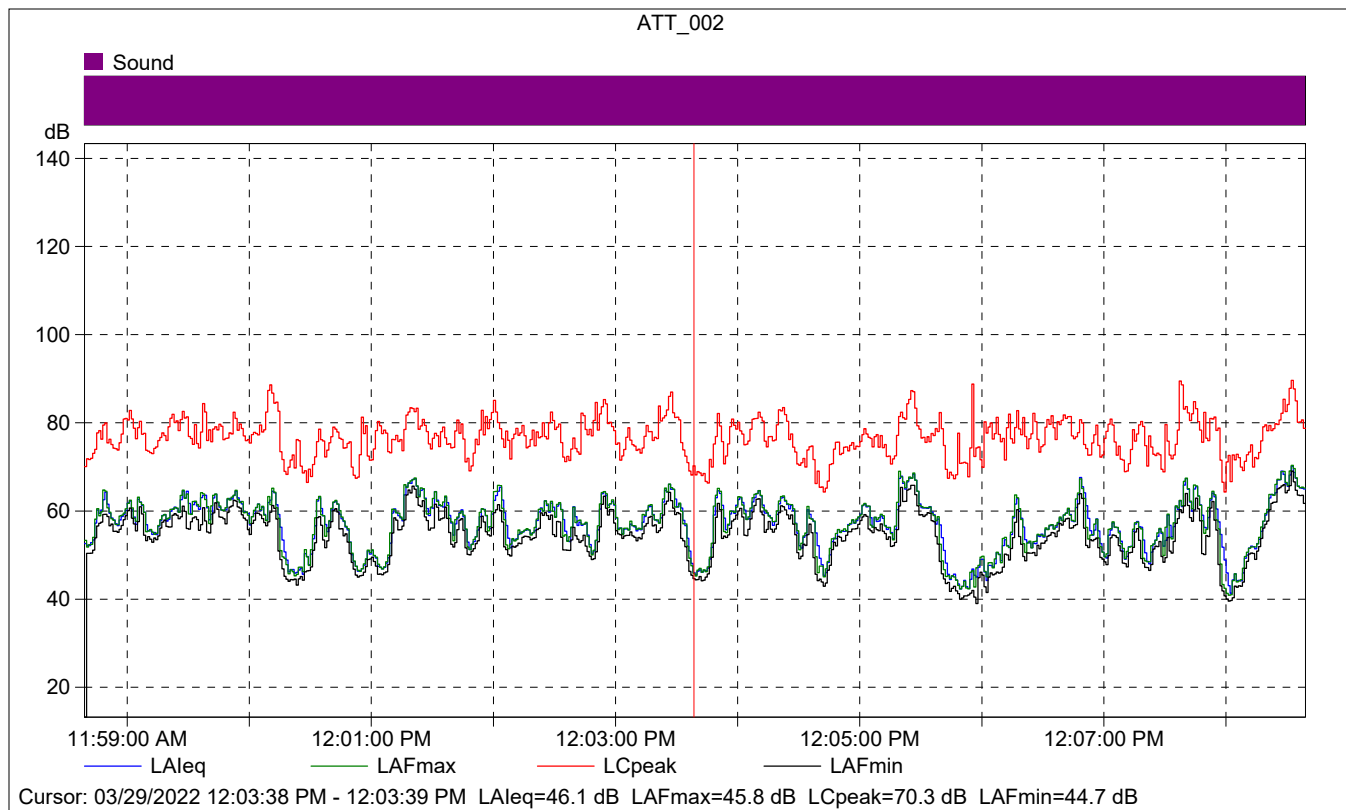
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		03/29/2022 08:57:38
Calibration Type:		External reference
Sensitivity:		44.0159440040588 mV/Pa

ATT_002

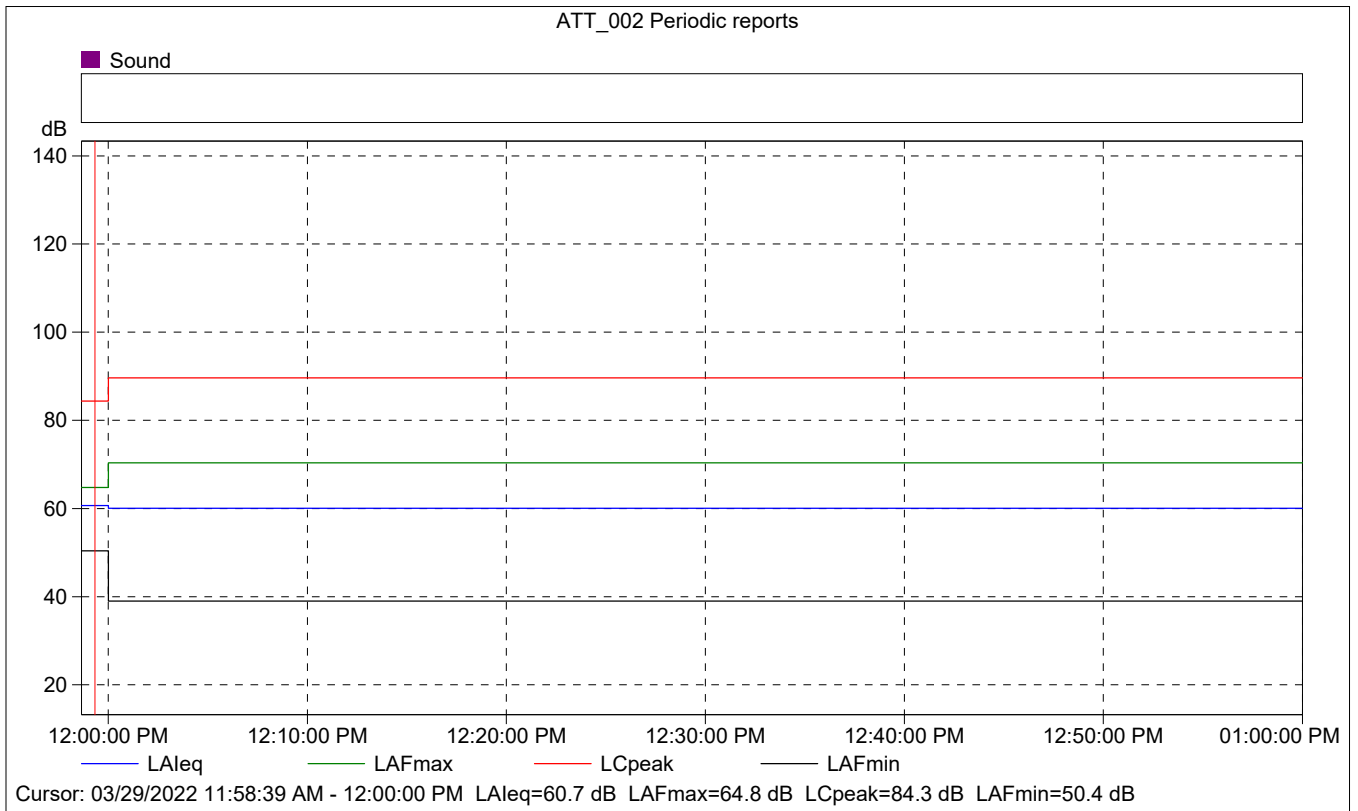
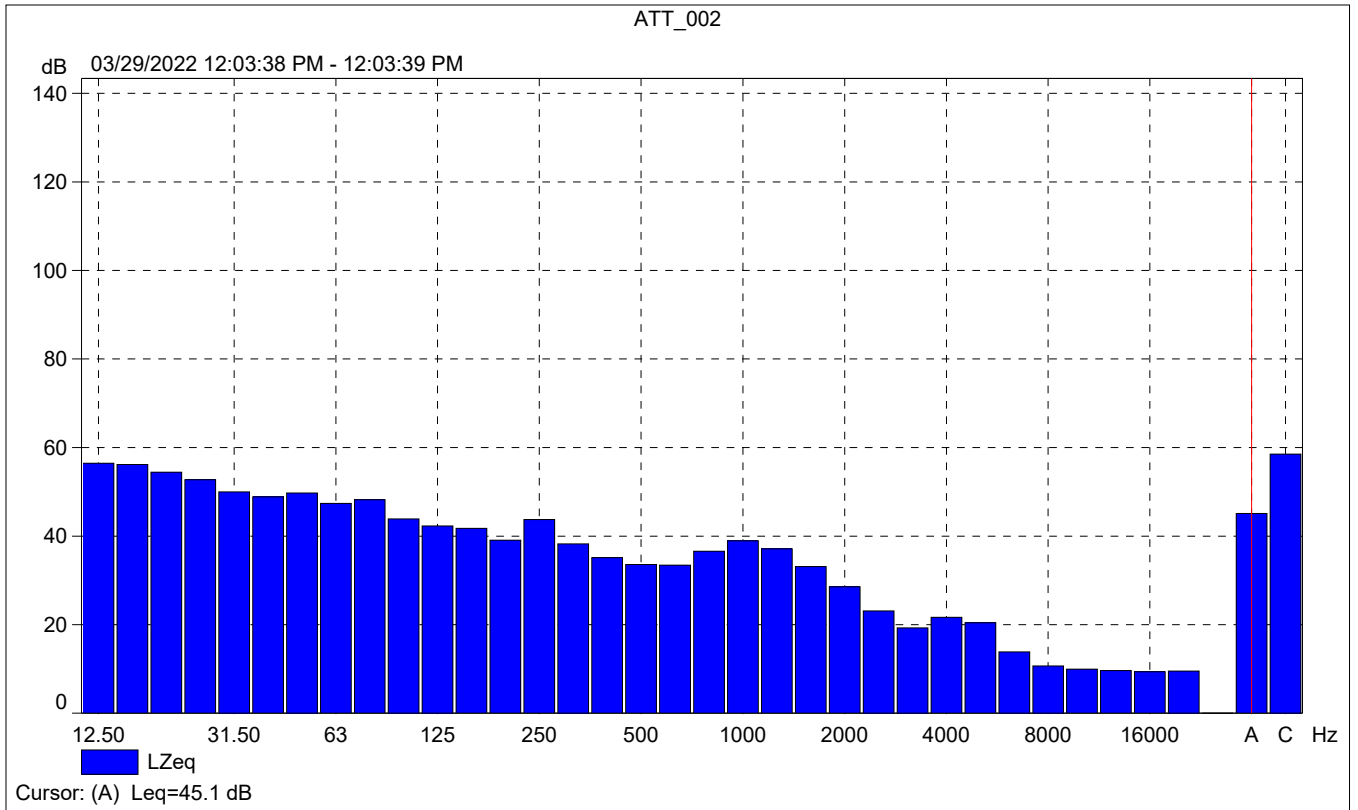
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	58.9	70.3	39.0
Time	11:58:39 AM	12:08:39 PM	0:10:00				
Date	03/29/2022	03/29/2022					





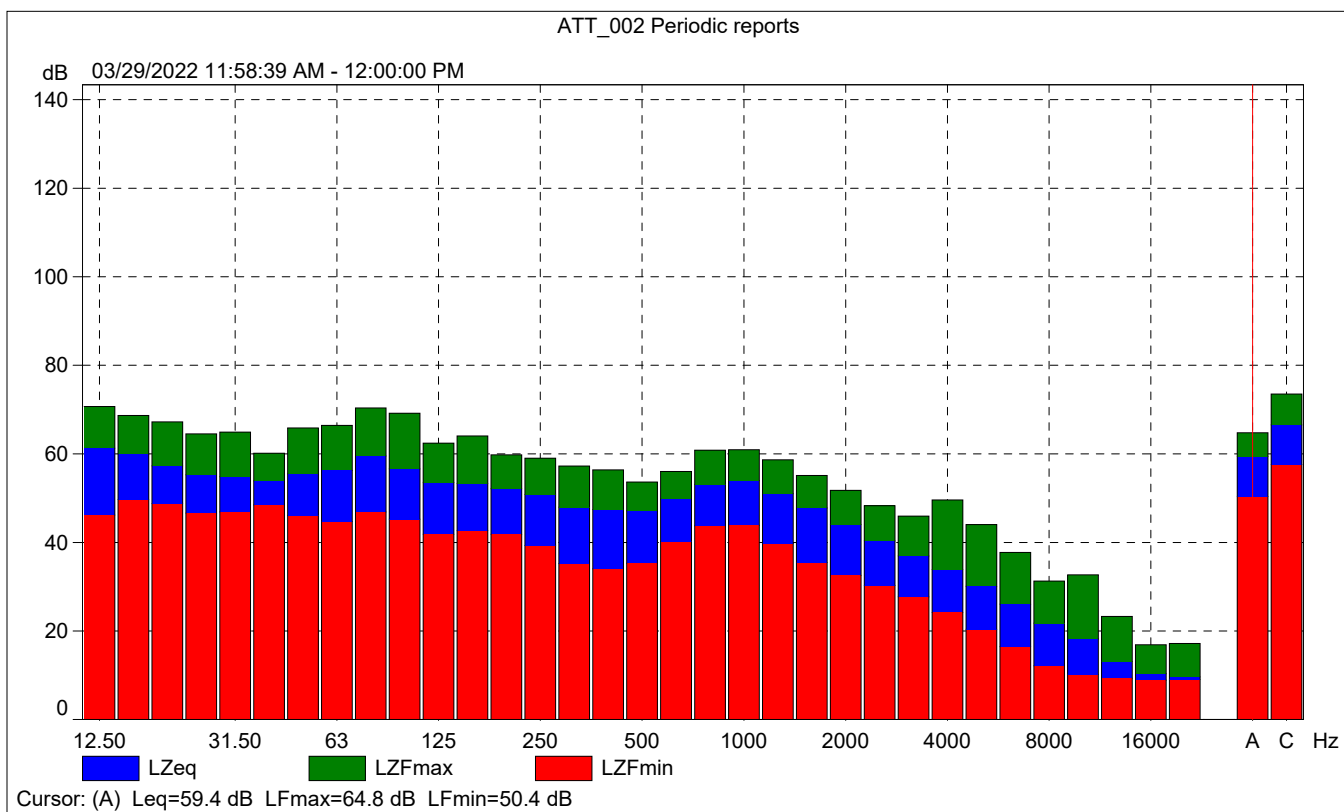
ATT_002

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			46.1	45.8	44.7
Time	12:03:38 PM	0:00:01			
Date	03/29/2022				



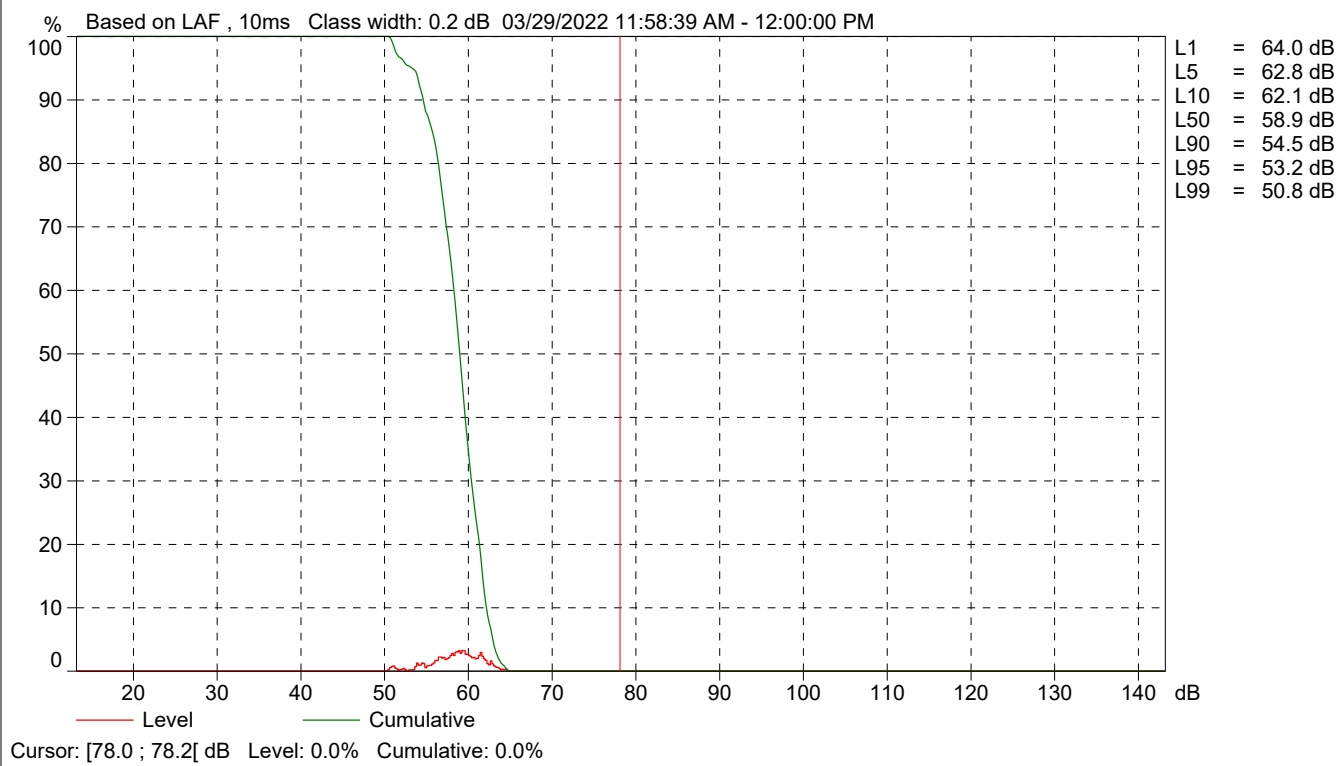
ATT_002 Periodic reports

	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	60.7	64.8	50.4
Time	11:58:39 AM	0:01:21				
Date	03/29/2022					





ATT_002 Periodic reports



Site Number: NM-2			
Recorded By: Tina Yuan			
Job Number: 188278			
Date: 3/29/22			
Time: 11:36 a.m.			
Location: In front of 21 Montecito Drive.			
Source of Peak Noise: Traffic along Montecito Drive.			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
44.8	60.3	35.7	81.1

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: Cloudy		
	Note: dBA Offset = 0.06			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	2		63		29.88	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		03/29/2022 11:36:20
End Time:		03/29/2022 11:46:30
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.04

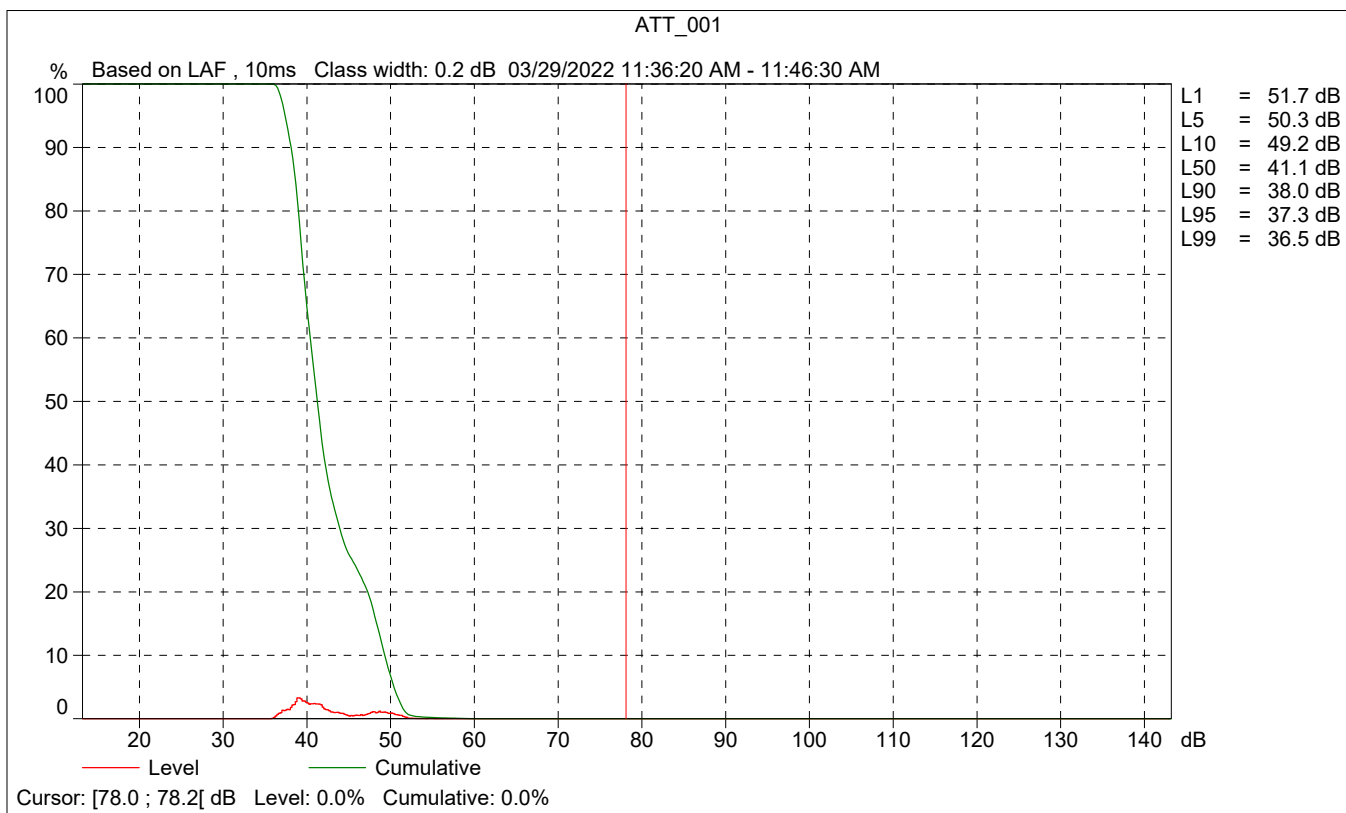
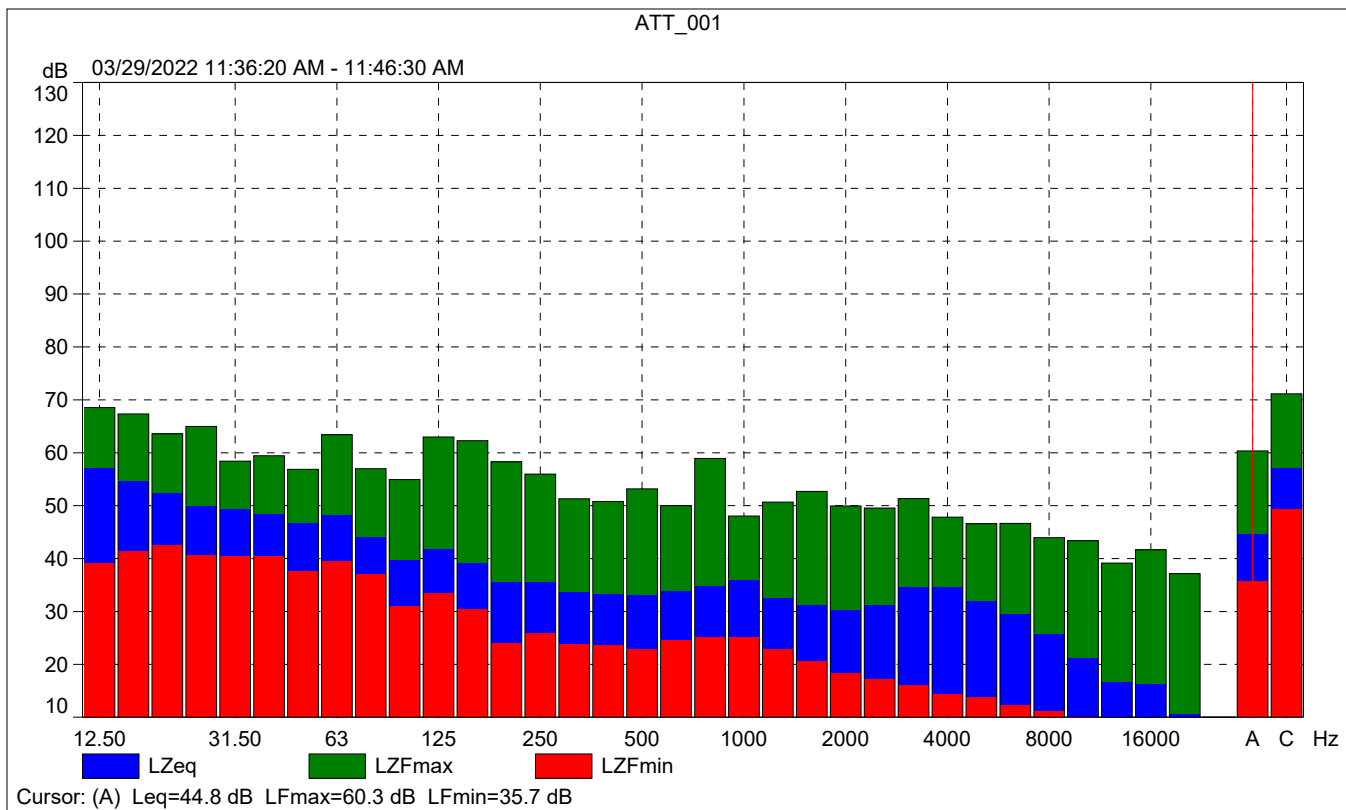
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

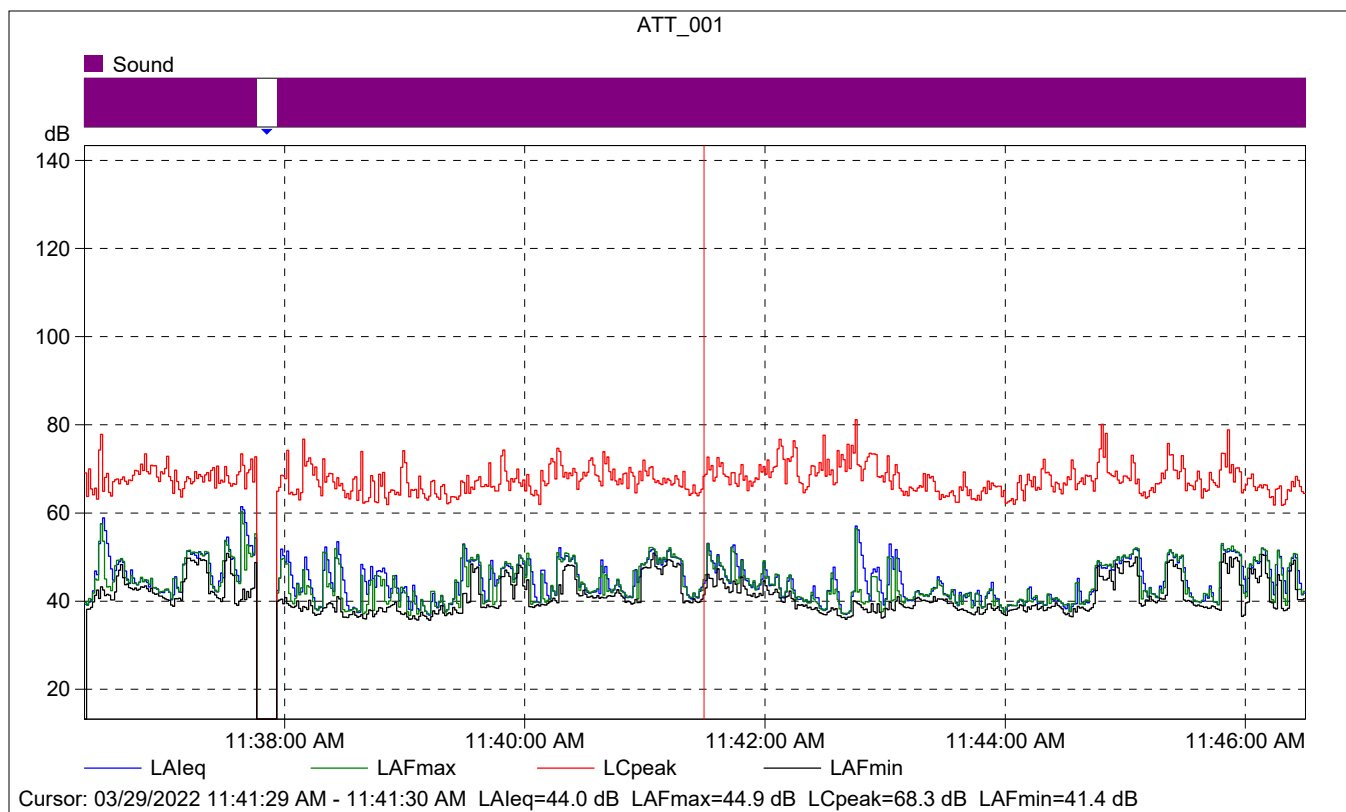
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		03/29/2022 08:57:38
Calibration Type:		External reference
Sensitivity:		44.0159440040588 mV/Pa

ATT_001

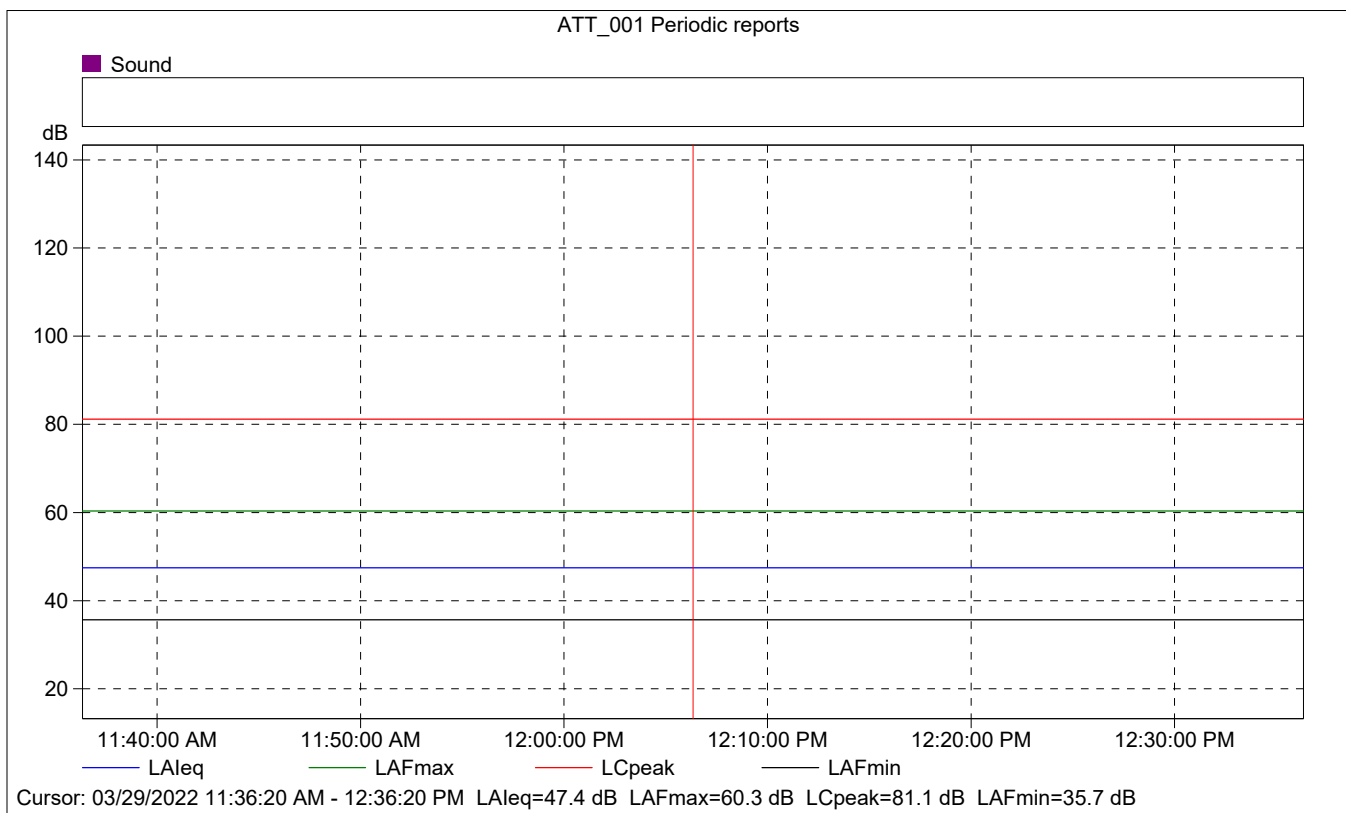
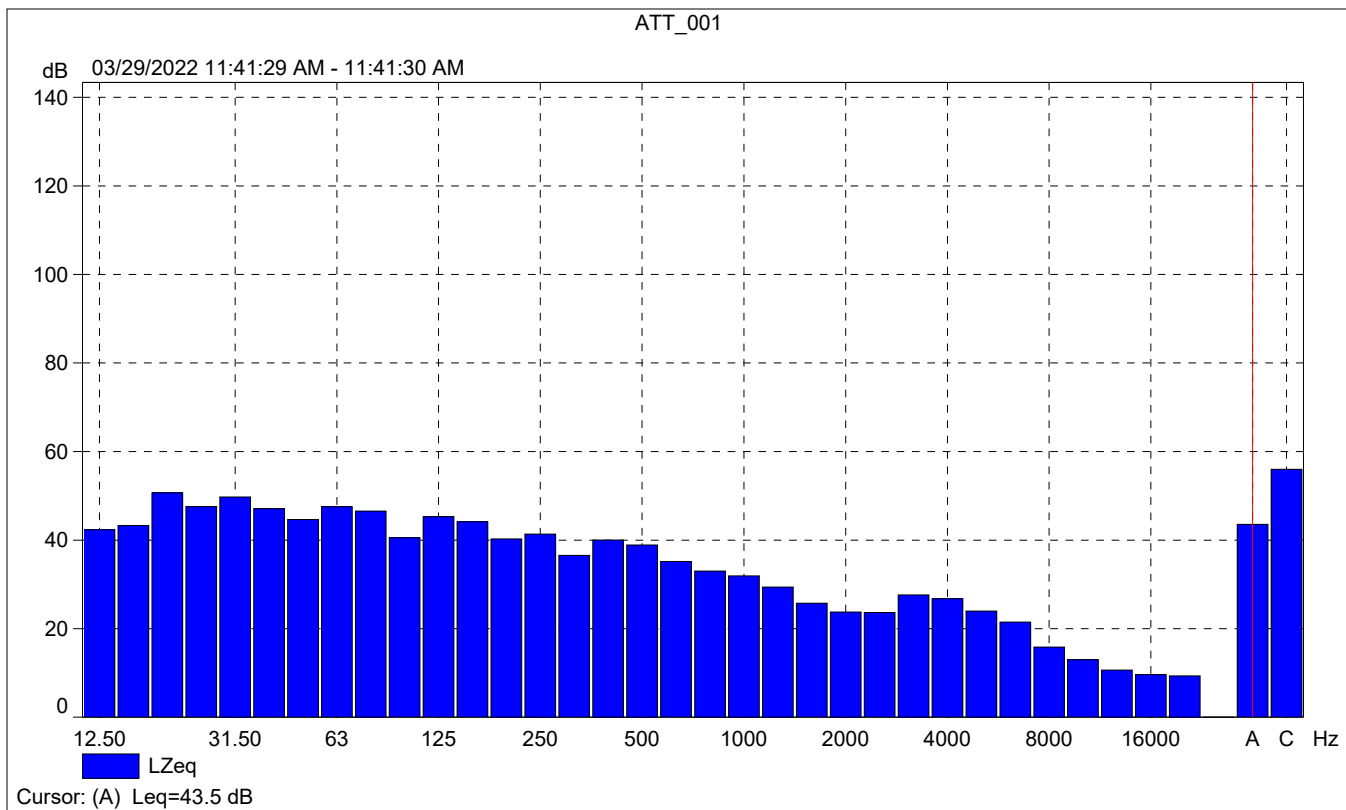
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	44.8	60.3	35.7
Time	11:36:20 AM	11:46:30 AM	0:10:00				
Date	03/29/2022	03/29/2022					





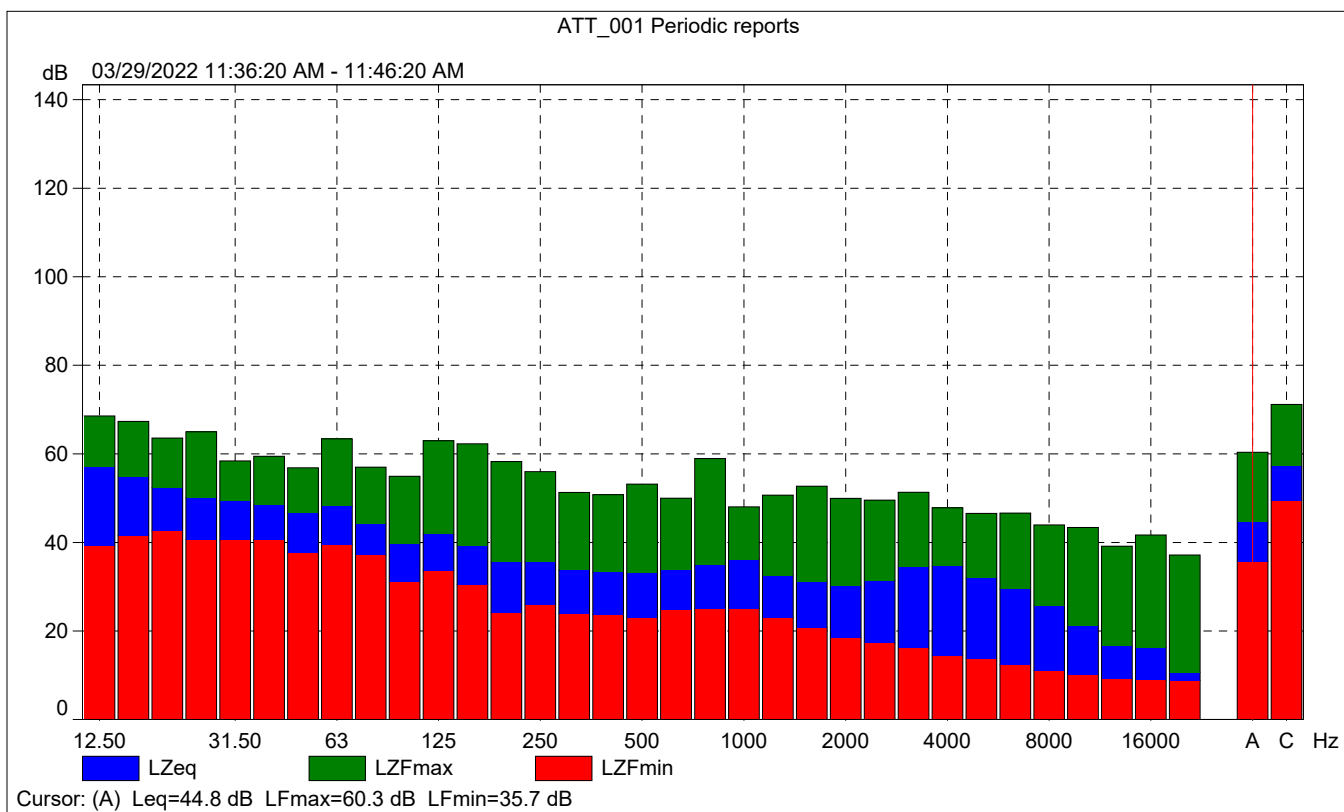
ATT_001

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			44.0	44.9	41.4
Time	11:41:29 AM	0:00:01			
Date	03/29/2022				



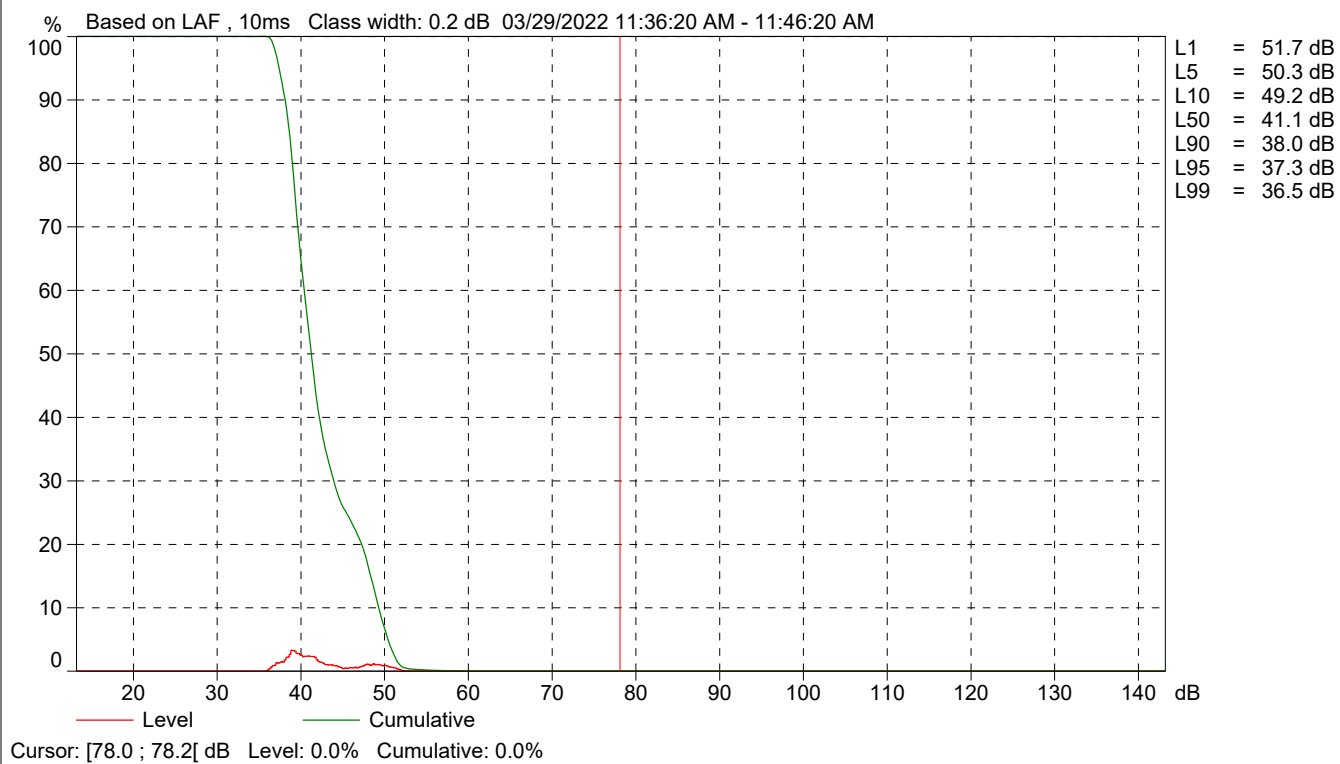
ATT_001 Periodic reports

	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	47.4	60.3	35.7
Time	11:36:20 AM	0:10:00				
Date	03/29/2022					





ATT_001 Periodic reports



Site Number: NM-3			
Recorded By: Tina Yuan			
Job Number: 188278			
Date: 3/29/22			
Time: 12:20 p.m.			
Location: Southwestern corner of intersection of San Joaquin Hills Road and Spy Glass Hill Road.			
Source of Peak Noise: Traffic along San Joaquin Hills Road and residents entering the gate of Spy Glass Hill.			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
69.4	87.1	48.5	108.9

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: Cloudy		
	Note: dBA Offset = 0.06			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	2		63		29.88	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		03/29/2022 12:20:39
End Time:		03/29/2022 12:30:39
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.04

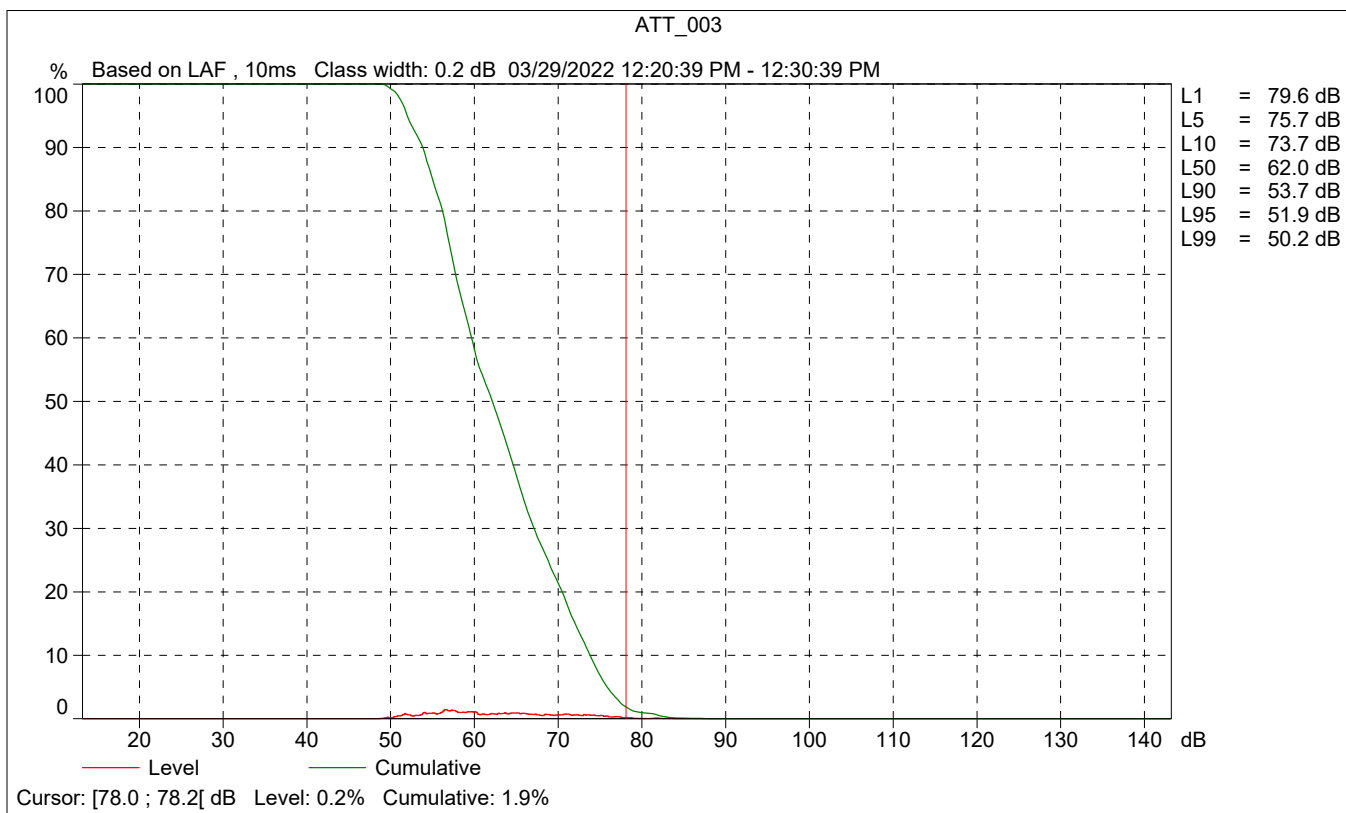
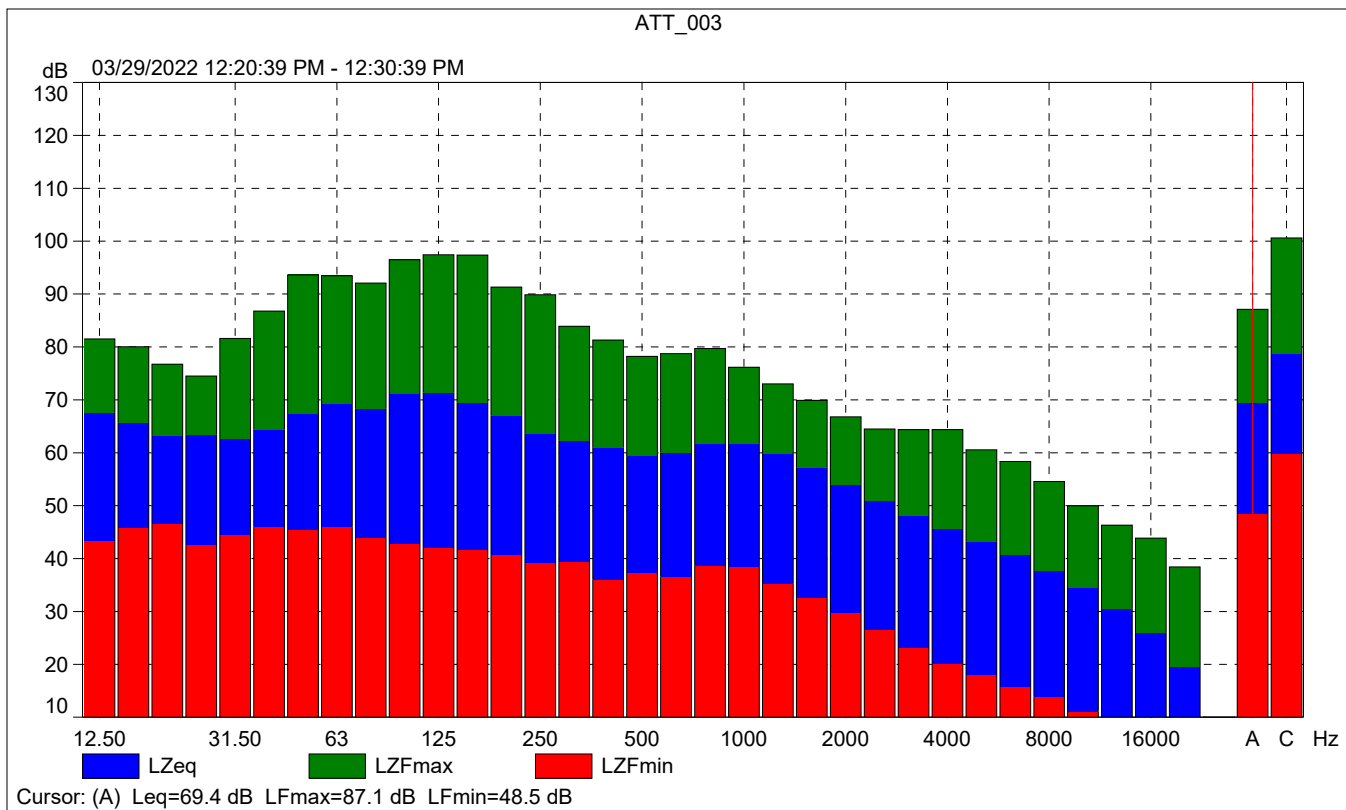
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

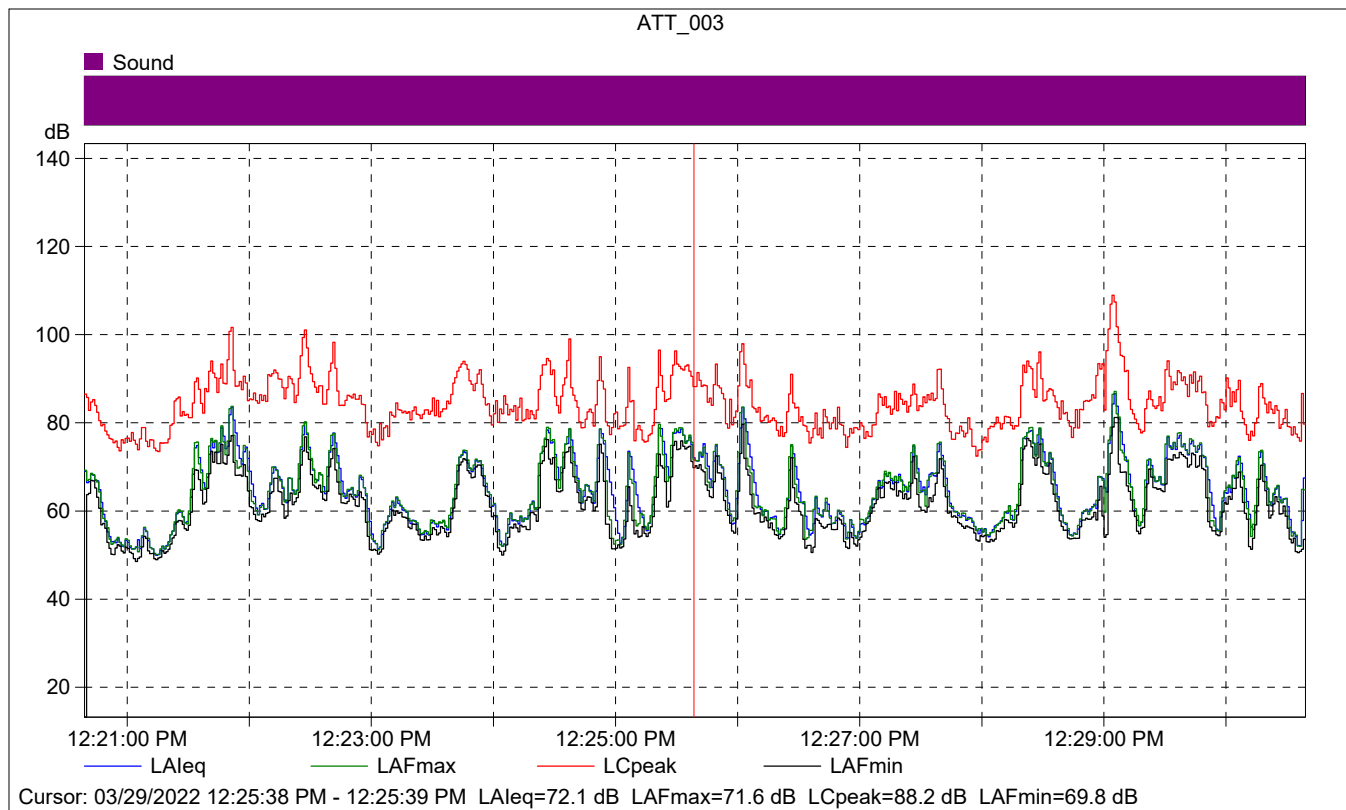
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		03/29/2022 08:57:38
Calibration Type:		External reference
Sensitivity:		44.0159440040588 mV/Pa

ATT_003

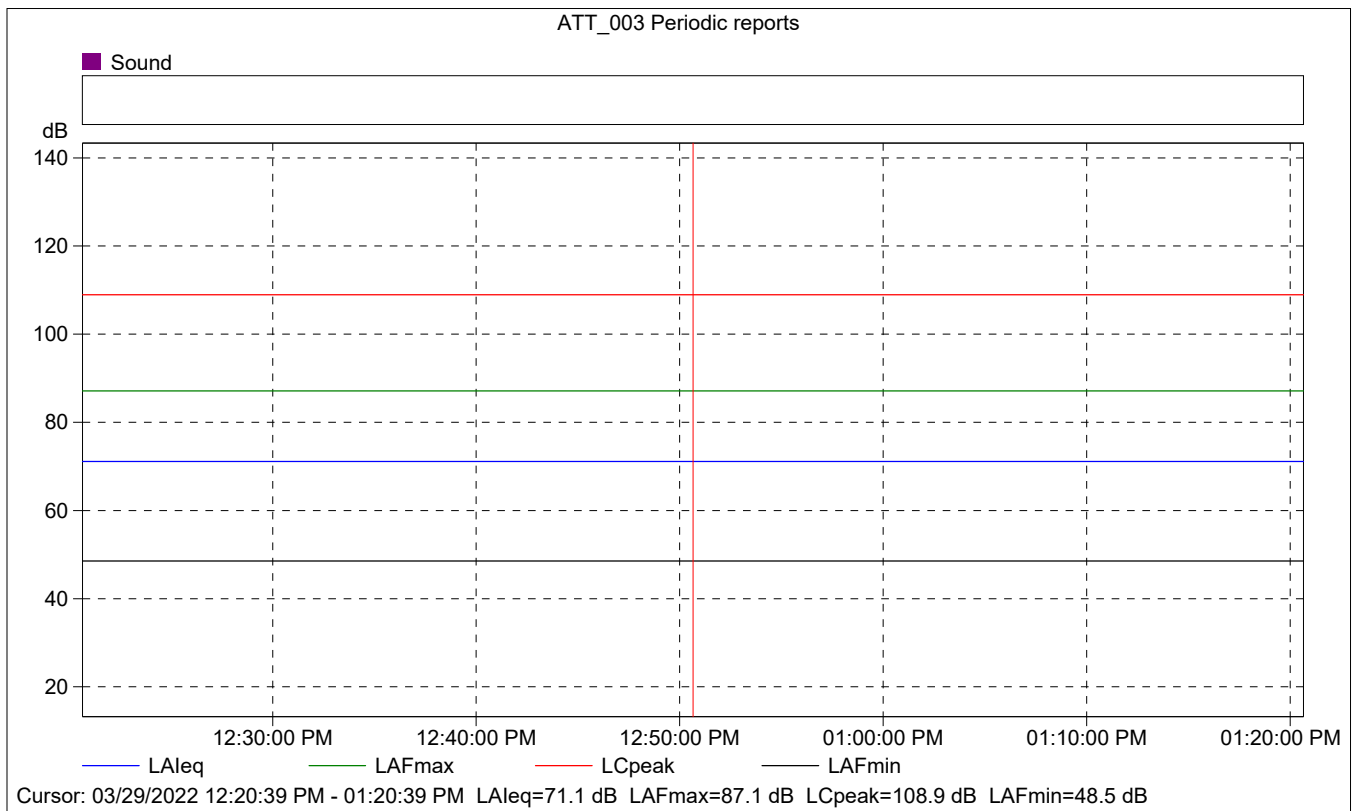
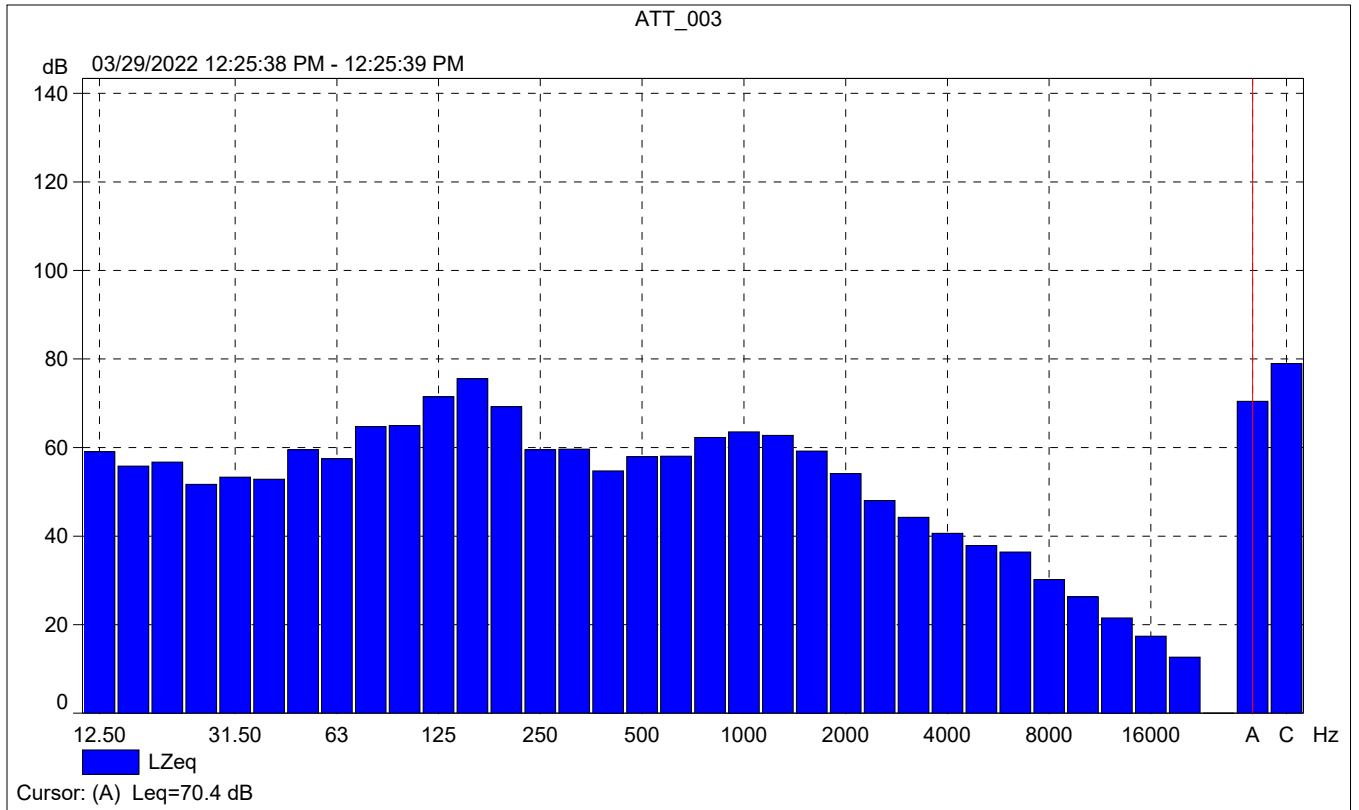
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	69.4	87.1	48.5
Time	12:20:39 PM	12:30:39 PM	0:10:00				
Date	03/29/2022	03/29/2022					





ATT_003

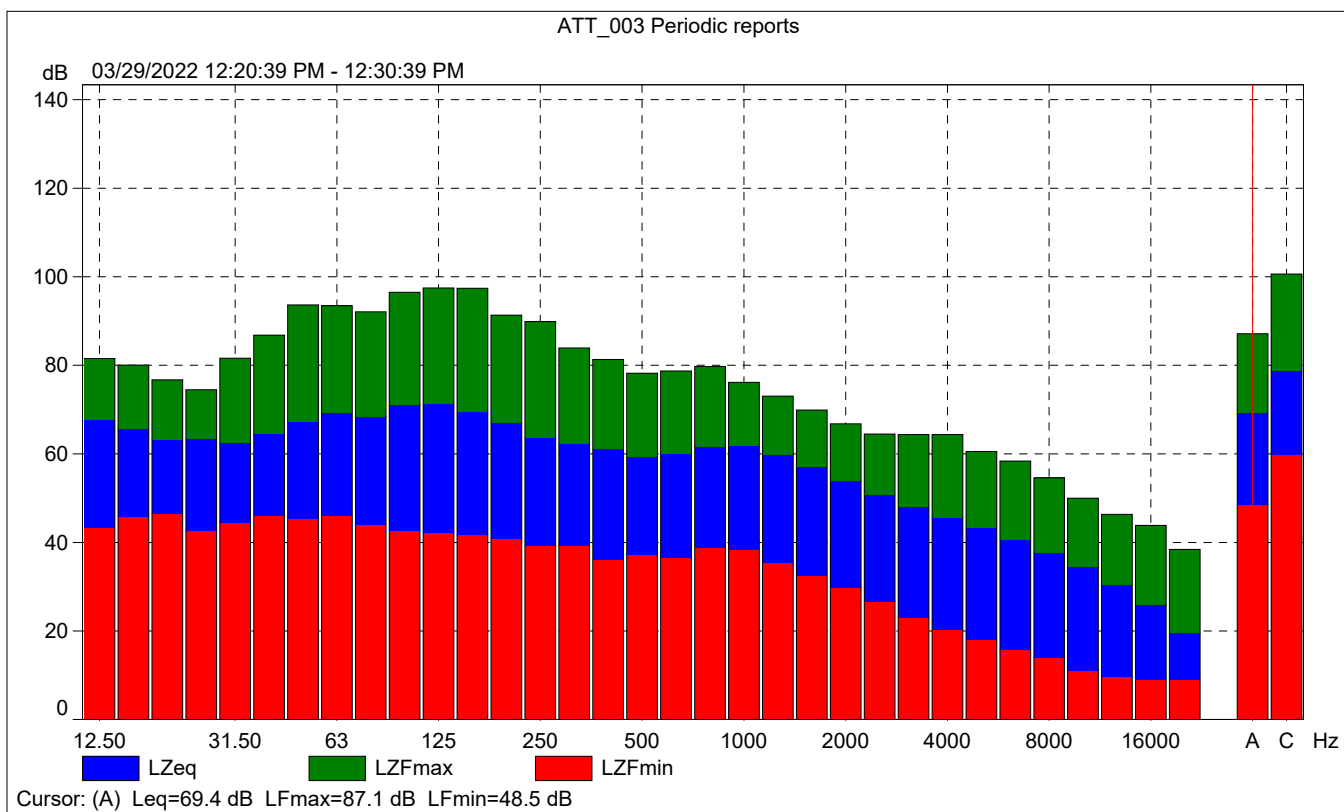
	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			72.1	71.6	69.8
Time	12:25:38 PM	0:00:01			
Date	03/29/2022				





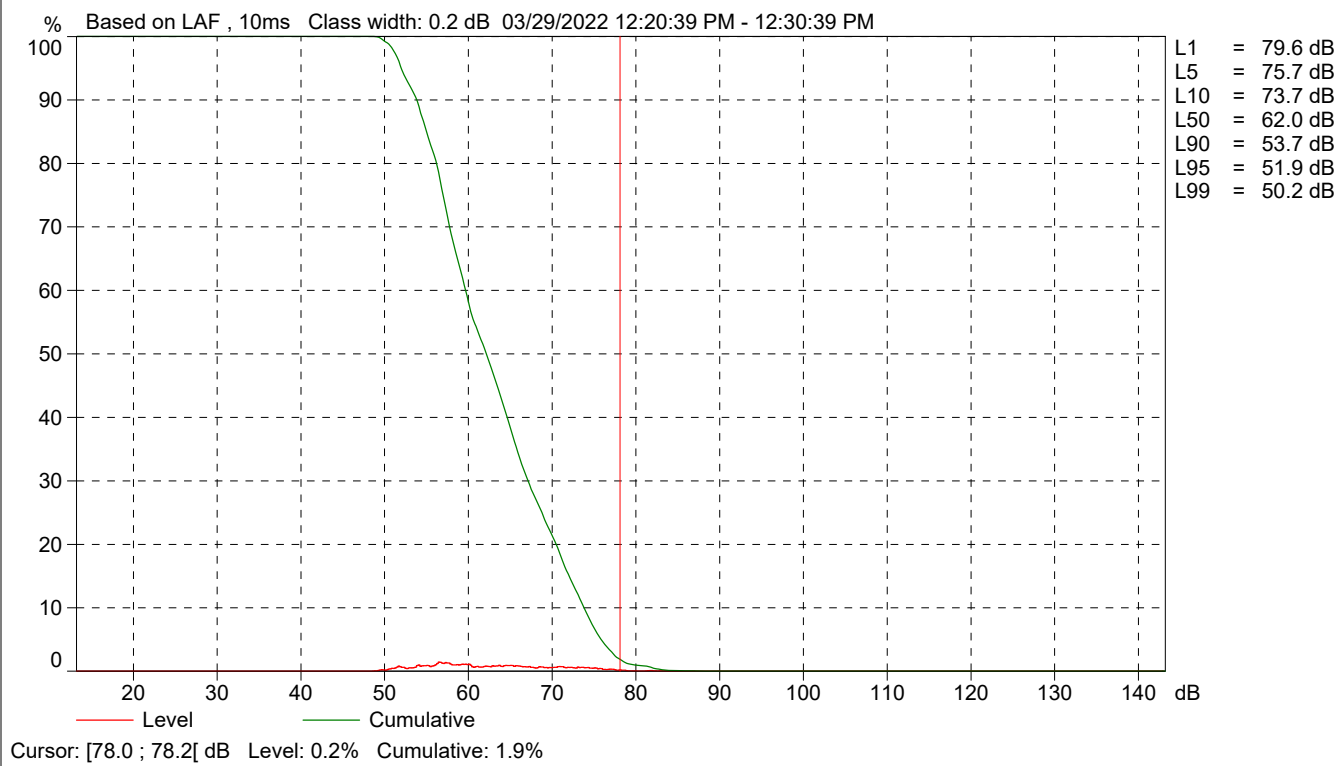
ATT_003 Periodic reports

	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	71.1	87.1	48.5
Time	12:20:39 PM	0:10:00				
Date	03/29/2022					





ATT_003 Periodic reports



Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 8/16/2022
 Case Description: AT&T Gazebo Project

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Grading	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)
			Spec Lmax (dBA)	Actual Lmax (dBA)		
Grader	No	40	85		308	0
Dozer	No	40		81.7	308	0
Tractor	No	40	84		308	0

Results

Equipment	Calculated (dBA)	
	*Lmax	Leq
Grader	69.2	65.2
Dozer	65.9	61.9
Tractor	68.2	64.2
Total	69.2	68.8

*Calculated Lmax is the Loudest value.