

Appendix D: Noise Analysis Data

Site Number: 1 (COV001)			
Recorded By: Alicia Gonzalez			
Job Number: 173379			
Date: 08/14/19			
Time: 10:32 a.m.			
Location: North of property limit			
Source of Peak Noise: Traffic along Azusa Avenue and Cypress Street, car door slamming.			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
51.6	68.3	43.7	92.5

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	04/08/2019	
	Microphone	Brüel & Kjær	4189	3086765	04/08/2019	
	Preamp	Brüel & Kjær	ZC 0032	25380	04/08/2019	
	Calibrator	Brüel & Kjær	4231	2545667	04/08/2019	
Weather Data						
Est.	Duration: 10 minutes			Sky: Clear, no clouds		
	Note: dBA Offset = 0.01			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	2 mph		81°		29.96	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		08/14/2019 10:32:26
End Time:		08/14/2019 10:42:26
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.11

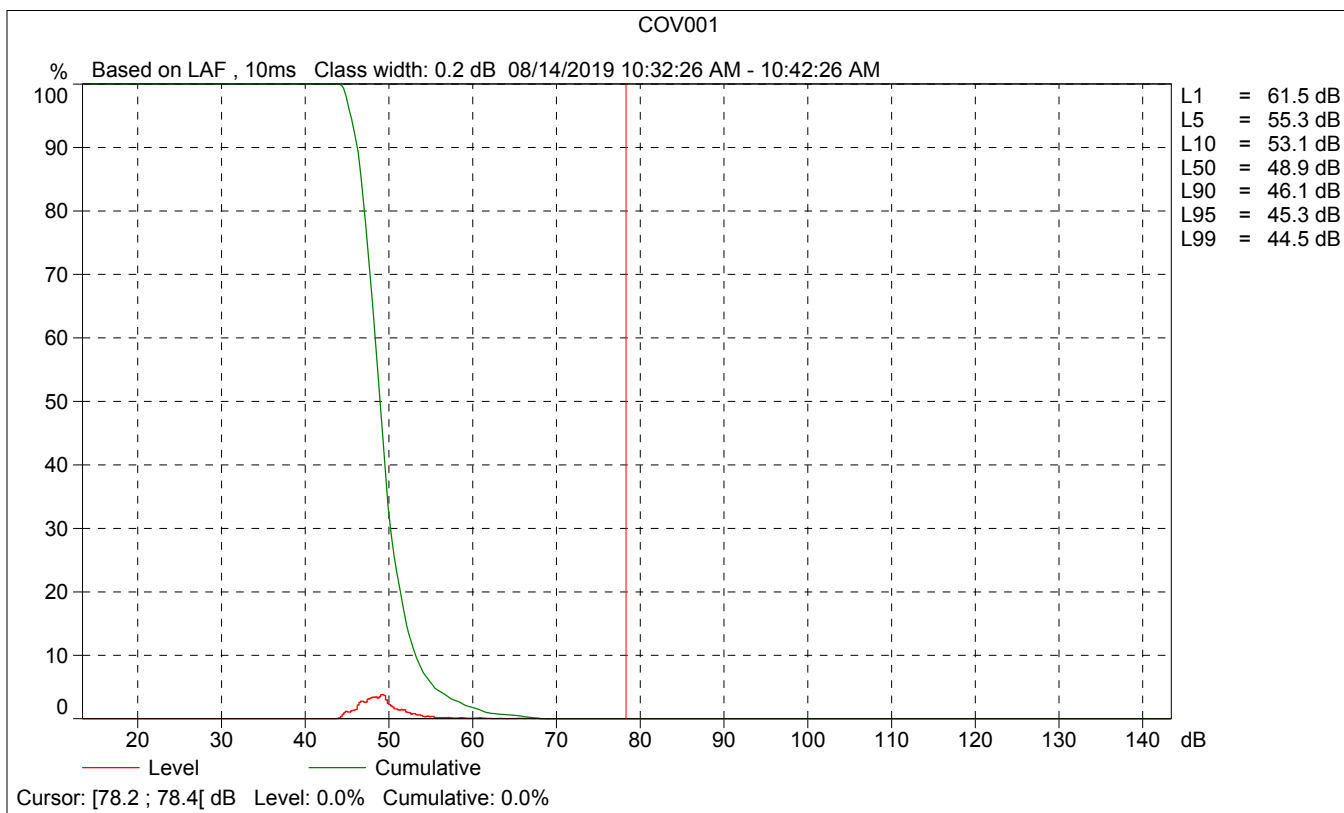
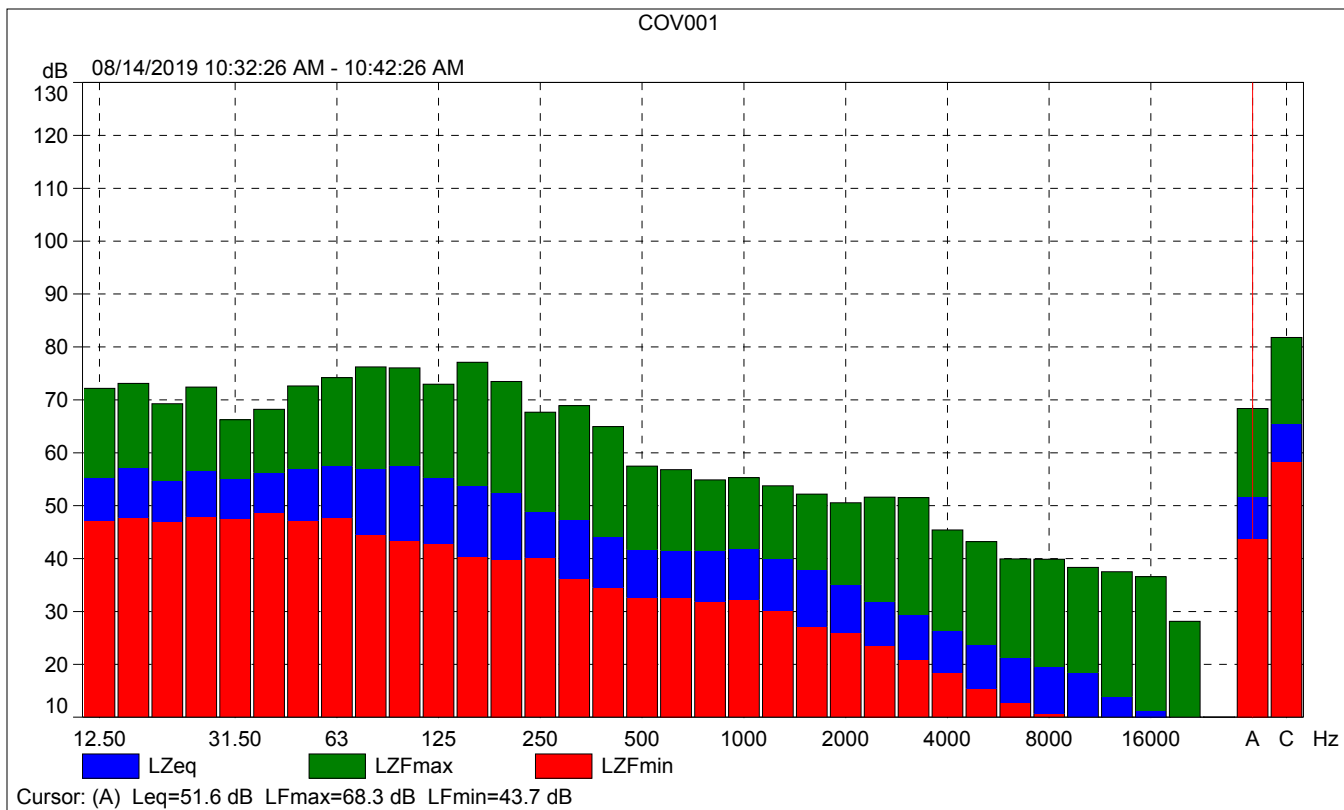
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

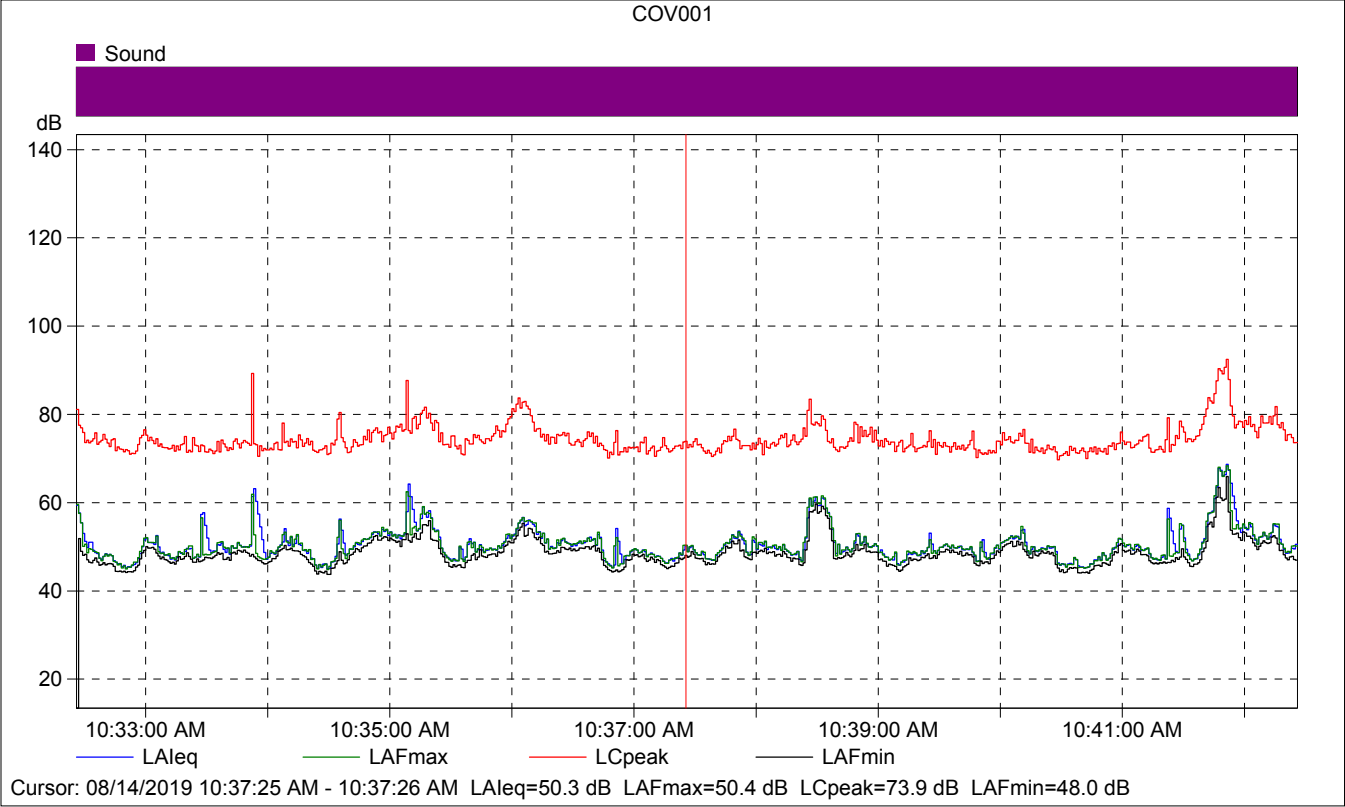
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		08/14/2019 07:24:47
Calibration Type:		External reference
Sensitivity:		43.6993539333344 mV/Pa

COV001

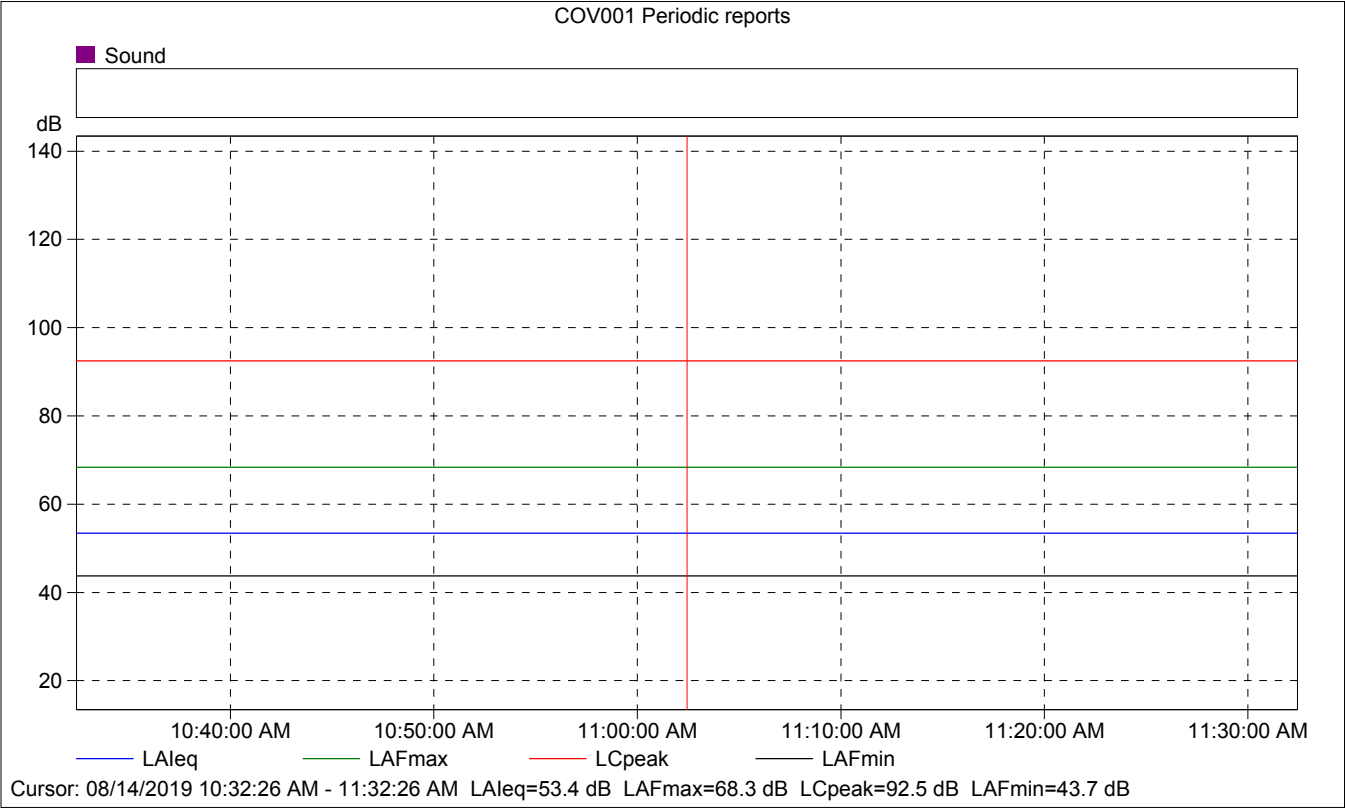
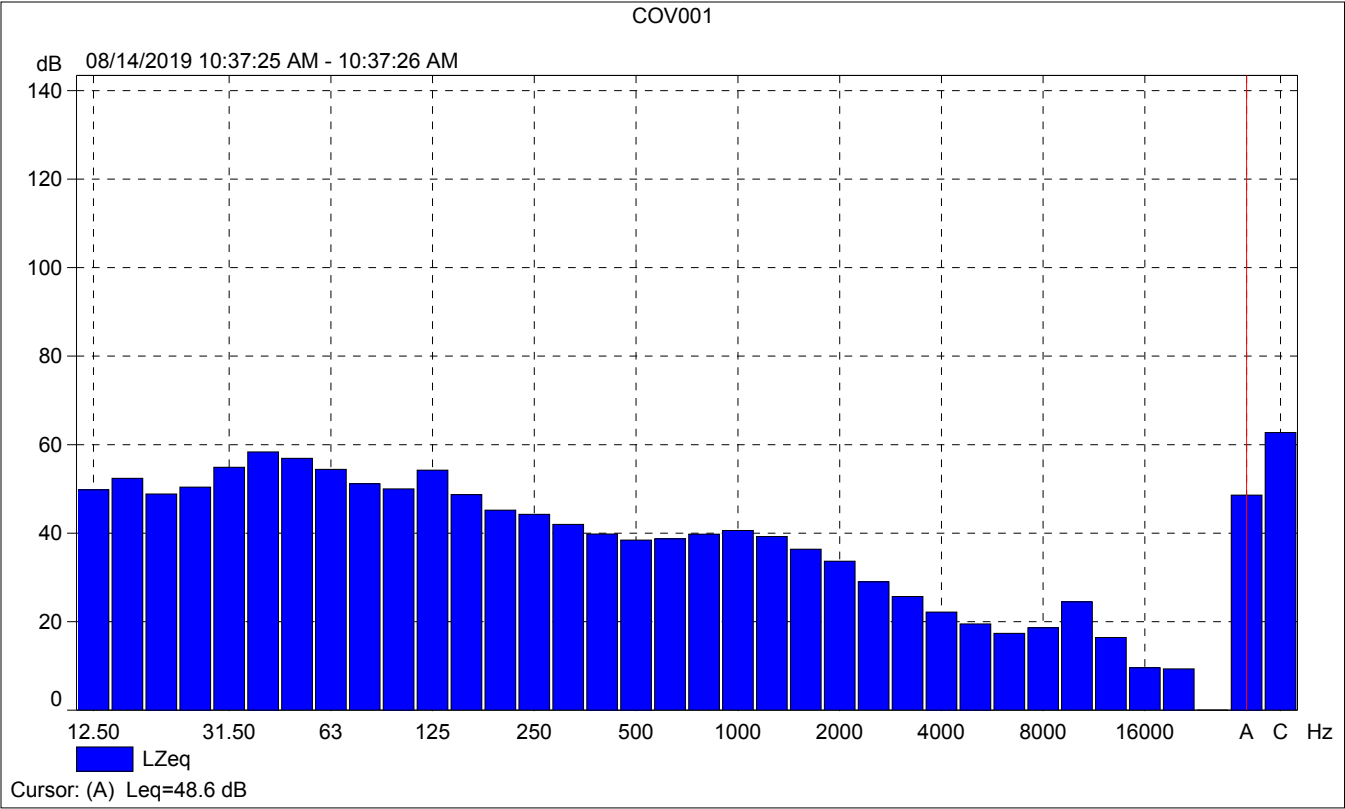
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	51.6	68.3	43.7
Time	10:32:26 AM	10:42:26 AM	0:10:00				
Date	08/14/2019	08/14/2019					





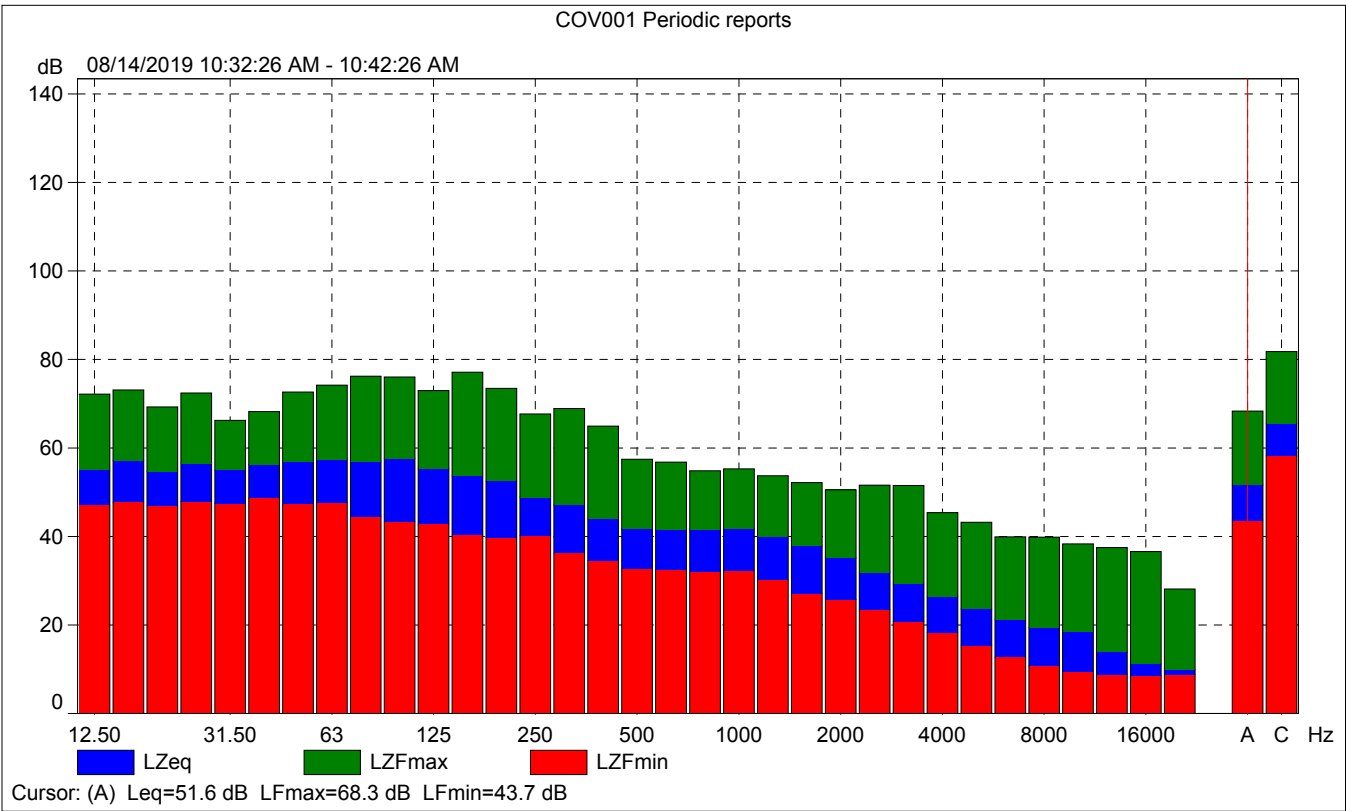
COV001

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			50.3	50.4	48.0
Time	10:37:25 AM	0:00:01			
Date	08/14/2019				



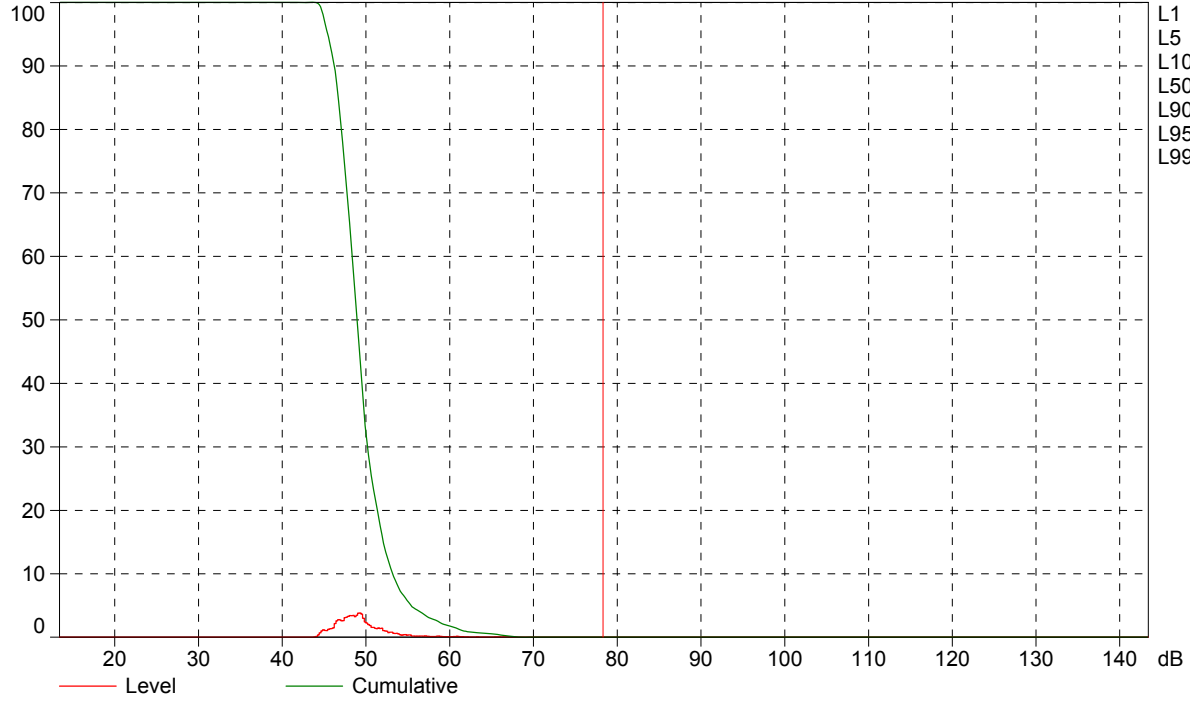
COV001 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	53.4	68.3	43.7
Time	10:32:26 AM	0:10:00				
Date	08/14/2019					



COV001 Periodic reports

% Based on LAF, 10ms Class width: 0.2 dB 08/14/2019 10:32:26 AM - 10:42:26 AM



L1 = 61.5 dB
 L5 = 55.3 dB
 L10 = 53.1 dB
 L50 = 48.9 dB
 L90 = 46.1 dB
 L95 = 45.3 dB
 L99 = 44.5 dB

Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.0%

Site Number: 2 (COV005)			
Recorded By: Alicia Gonzalez			
Job Number: 173379			
Date: 08/14/19			
Time: 11:41 a.m.			
Location: 4647 North Cromwell Avenue			
Source of Peak Noise: Traffic along North Cromwell Avenue, birds, dog barking, train horn.			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
55.5	76.7	37.5	98.8

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	04/08/2019	
	Microphone	Brüel & Kjær	4189	3086765	04/08/2019	
	Preamp	Brüel & Kjær	ZC 0032	25380	04/08/2019	
	Calibrator	Brüel & Kjær	4231	2545667	04/08/2019	
Weather Data						
Est.	Duration: 10 minutes			Sky: Clear, no clouds		
	Note: dBA Offset = 0.01			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	4 mph		85°		29.96	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		08/14/2019 11:41:41
End Time:		08/14/2019 11:51:41
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.11

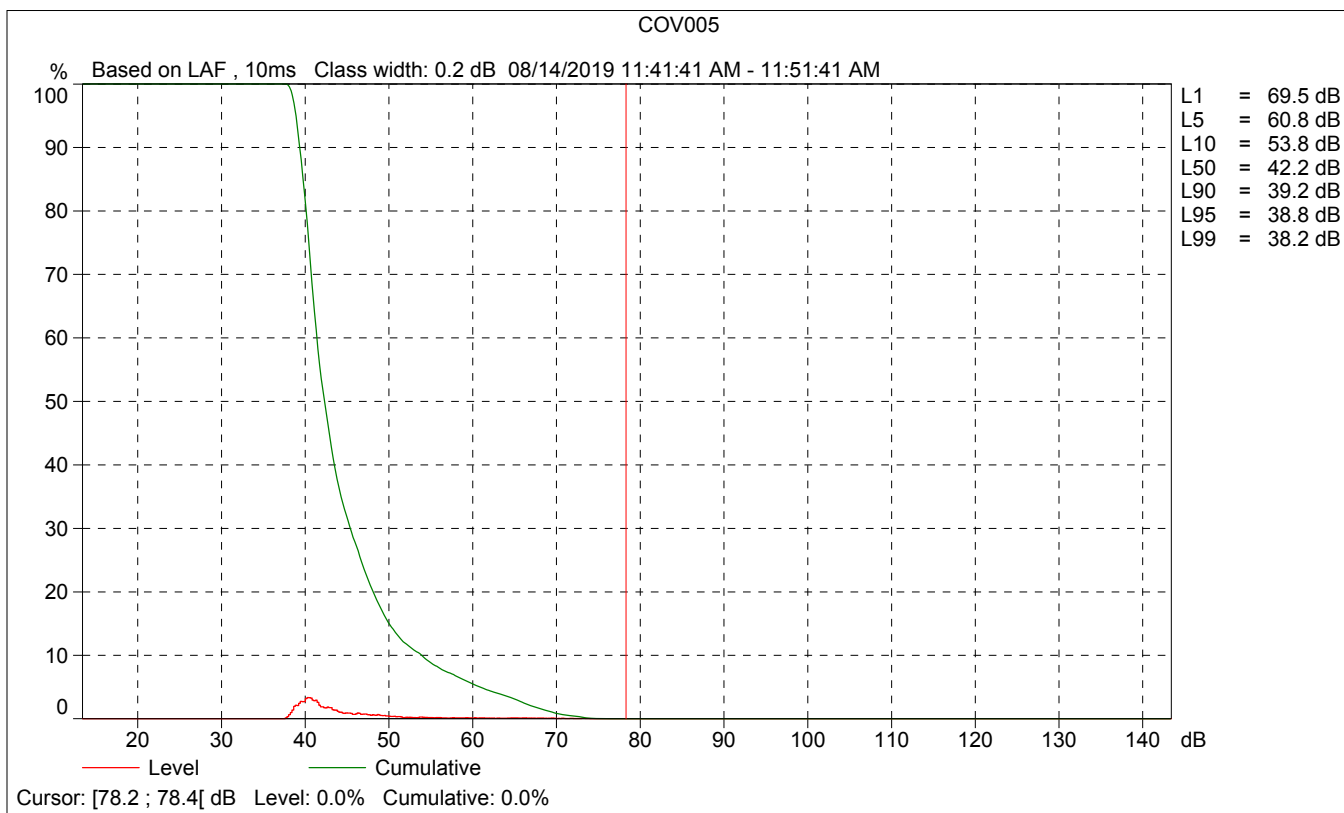
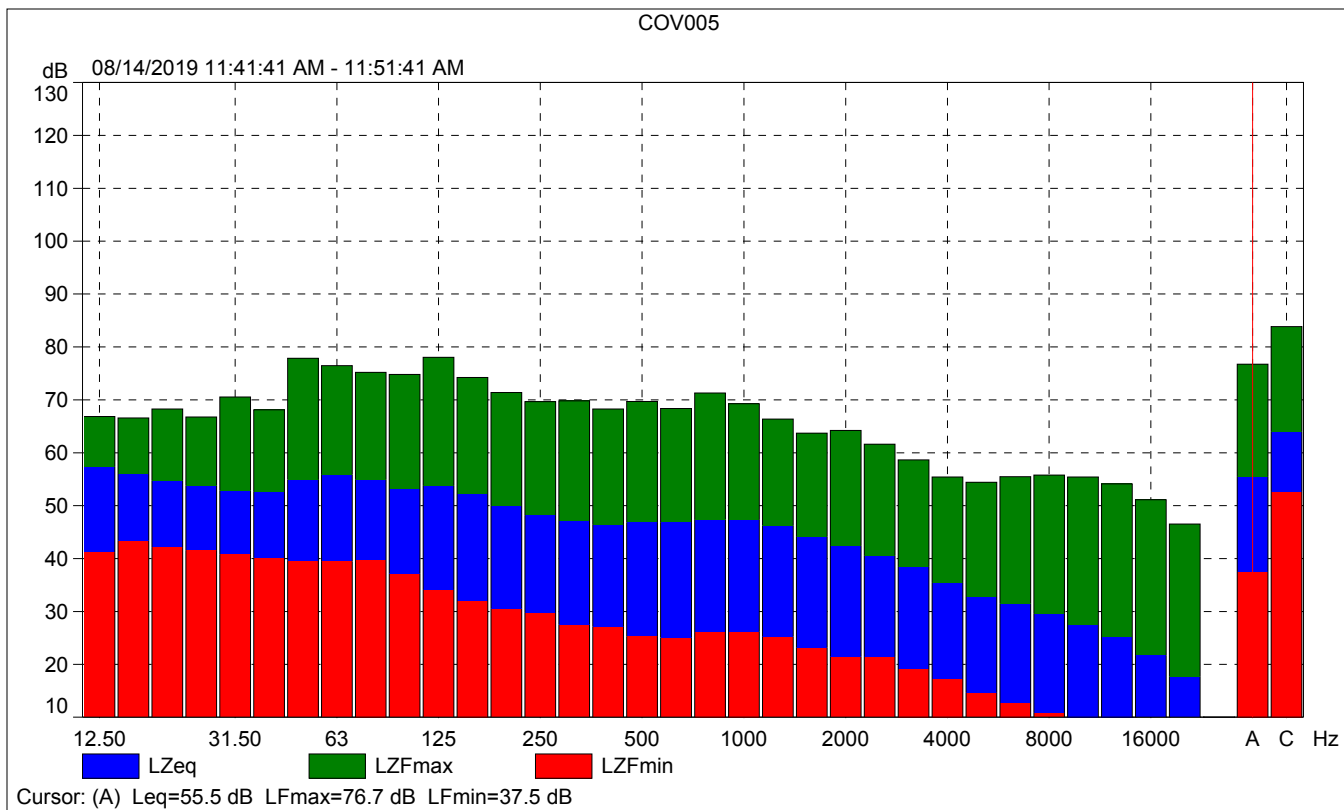
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

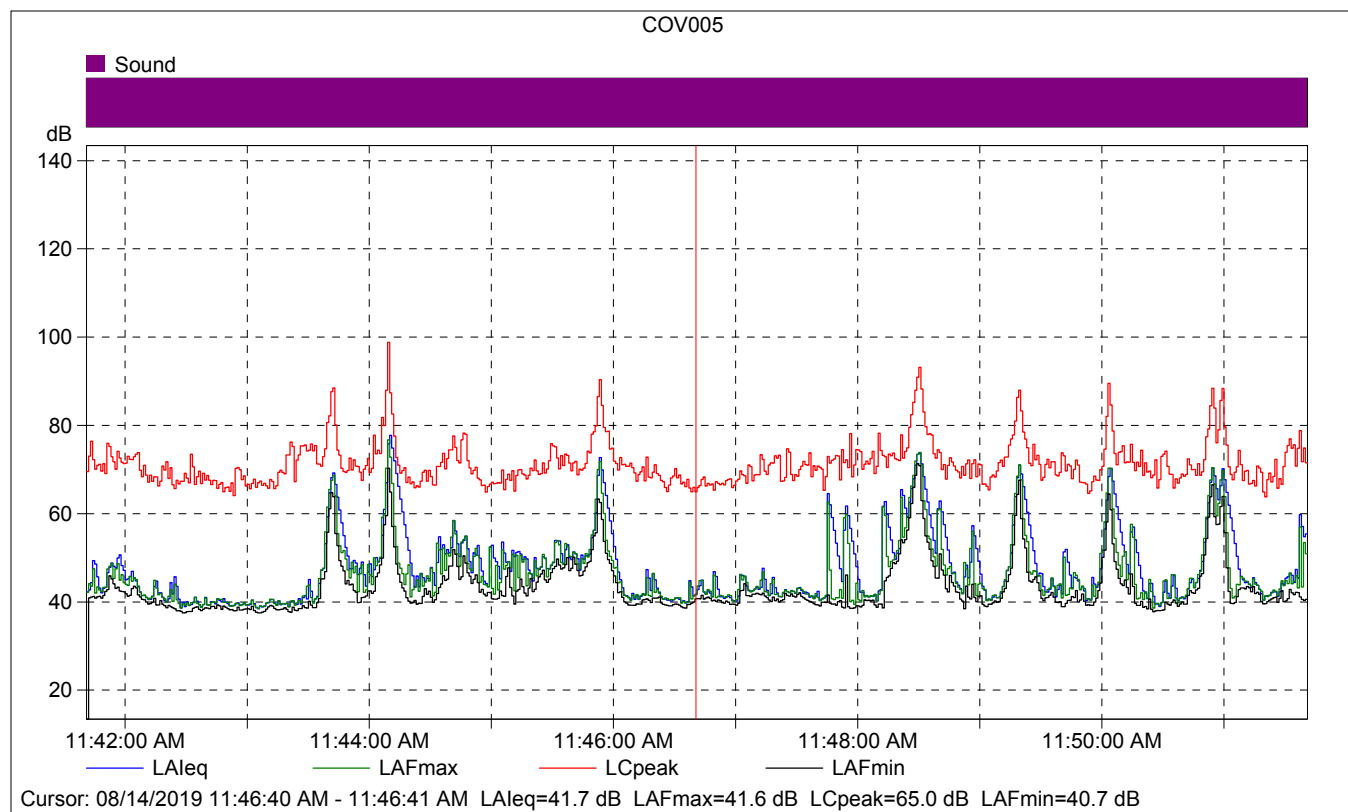
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		08/14/2019 07:24:47
Calibration Type:		External reference
Sensitivity:		43.6993539333344 mV/Pa

COV005

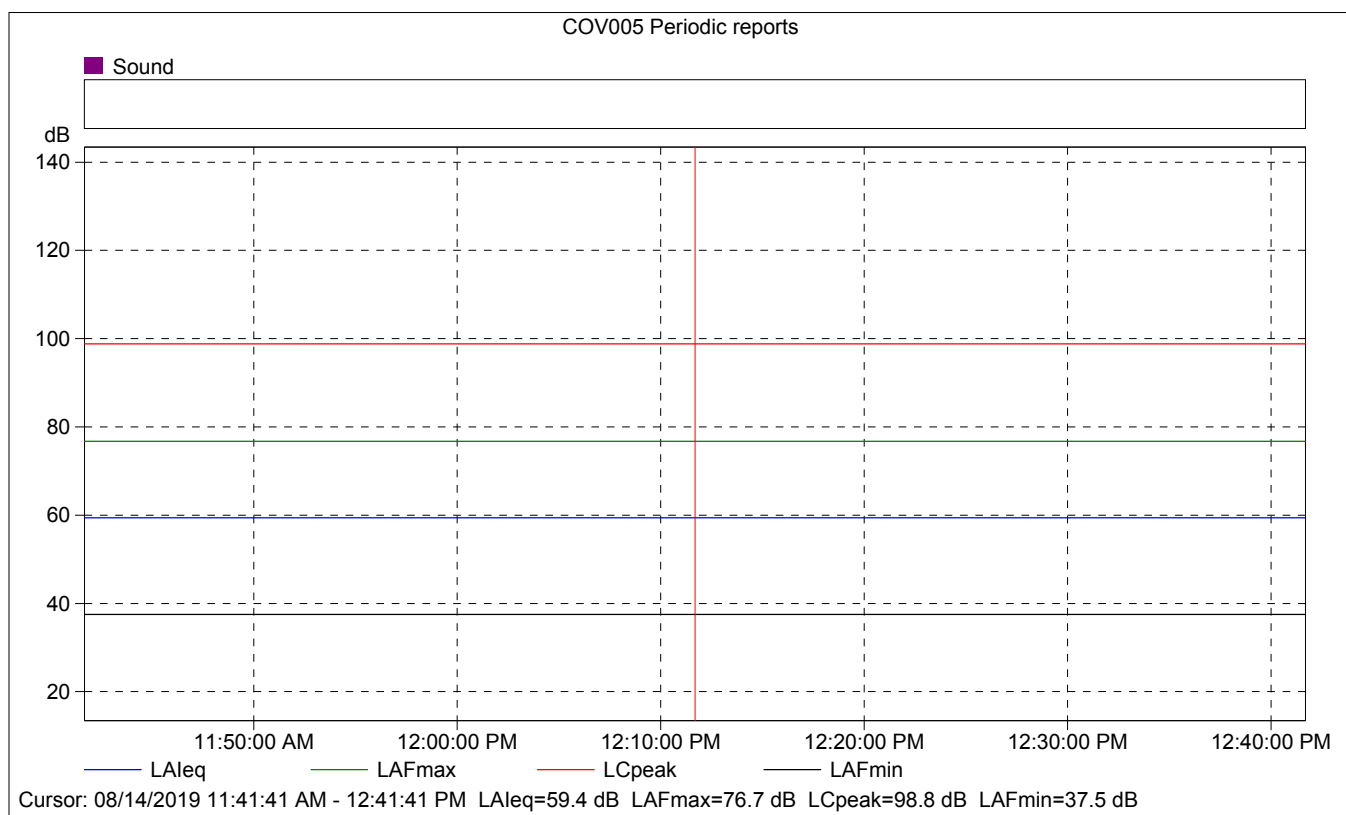
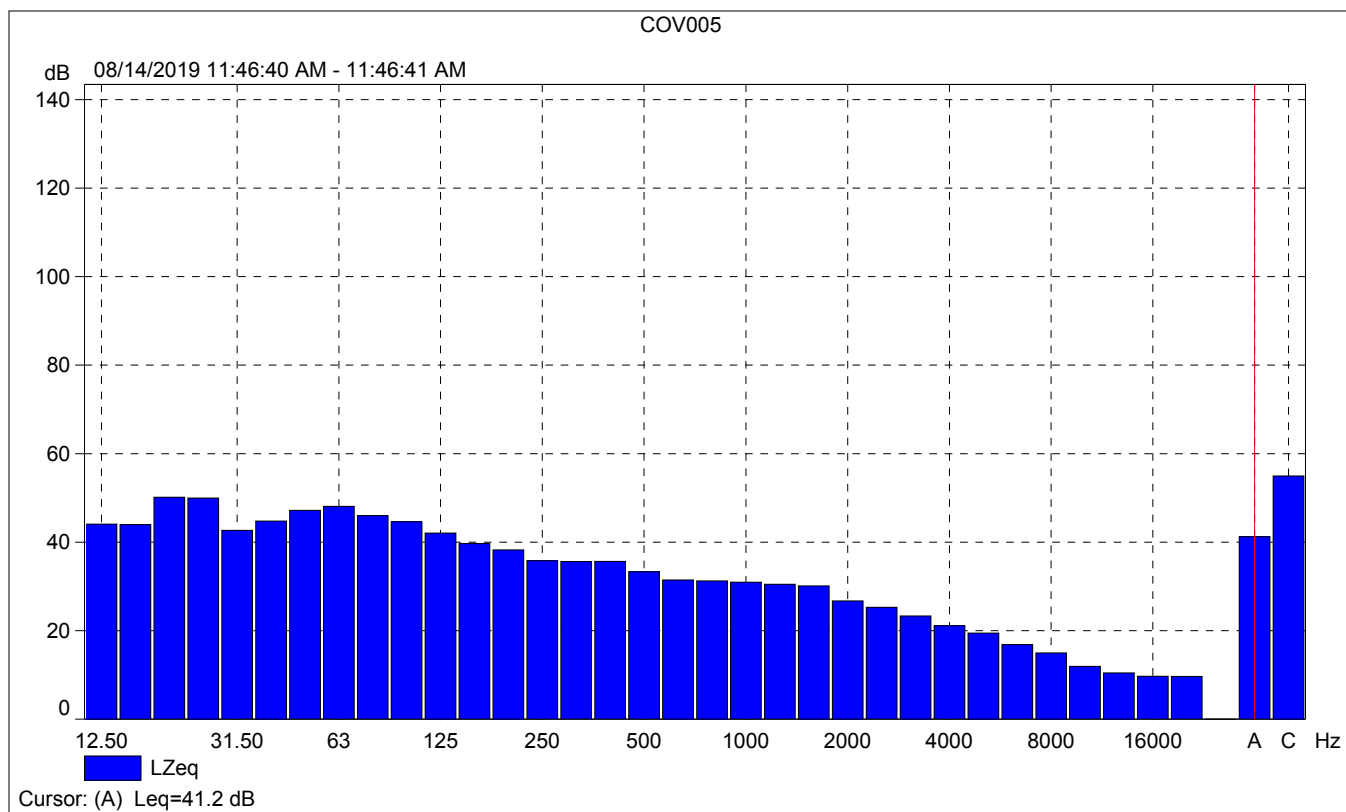
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	55.5	76.7	37.5
Time	11:41:41 AM	11:51:41 AM	0:10:00				
Date	08/14/2019	08/14/2019					





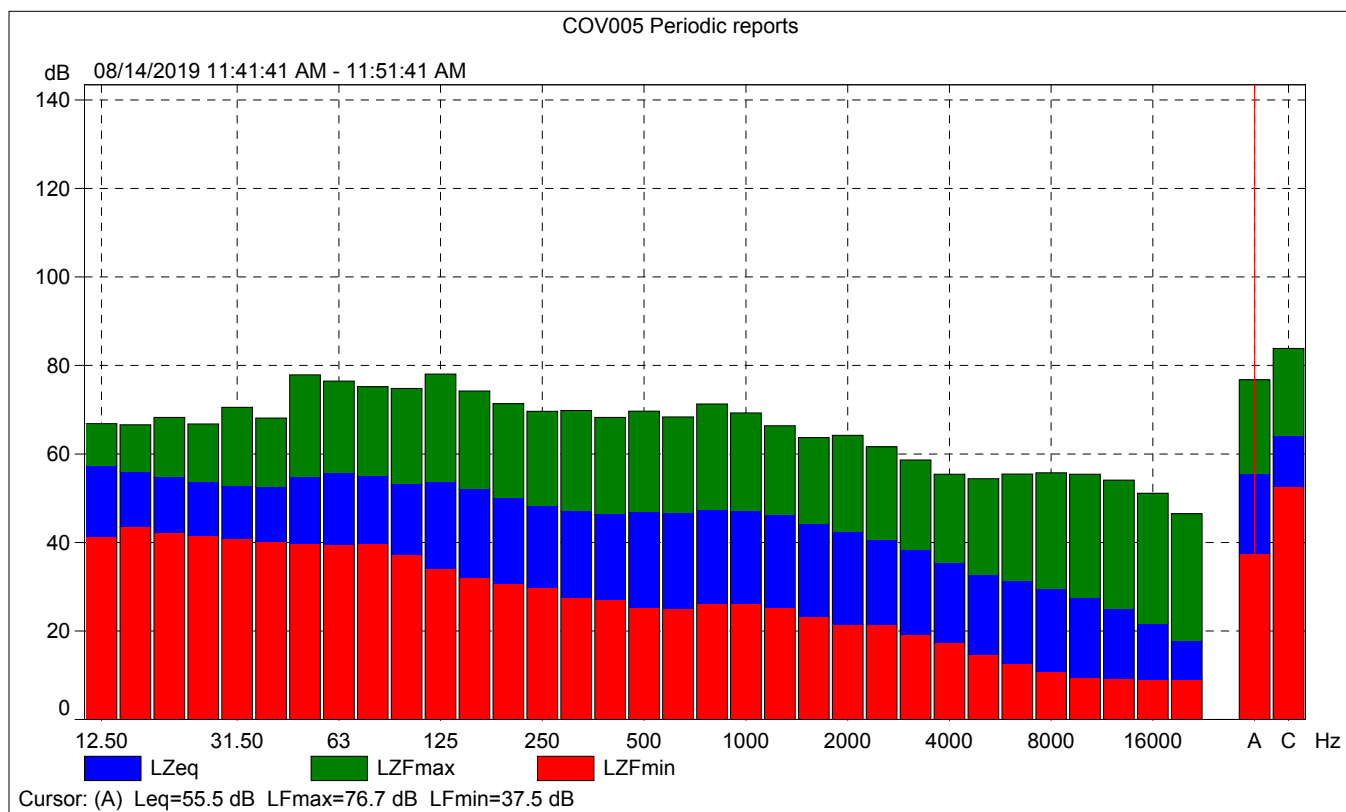
COV005

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			41.7	41.6	40.7
Time	11:46:40 AM	0:00:01			
Date	08/14/2019				

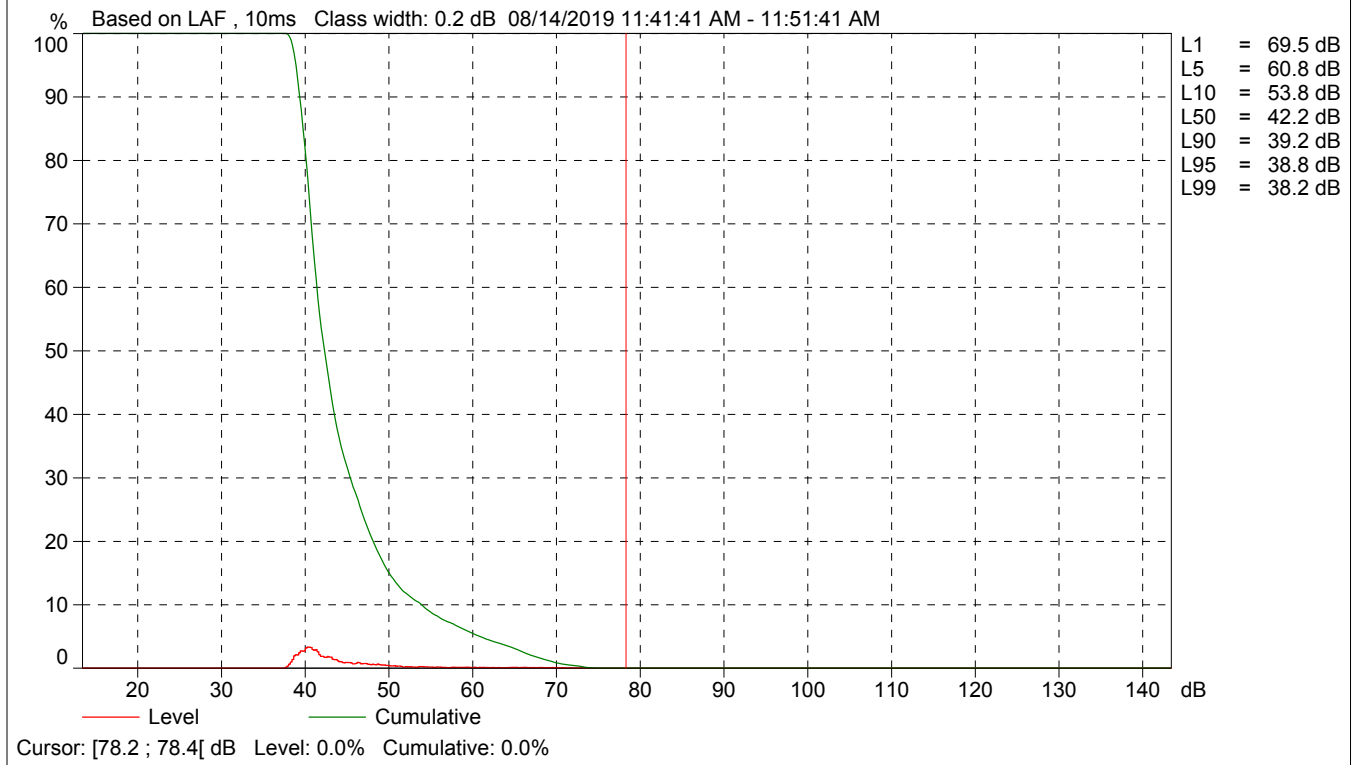


COV005 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	59.4	76.7	37.5
Time	11:41:41 AM	0:10:00				
Date	08/14/2019					



COV005 Periodic reports



Site Number: 3 (COV003)			
Recorded By: Alicia Gonzalez			
Job Number: 173379			
Date: 08/14/19			
Time: 11:07 a.m.			
Location: Along Cypress Street			
Source of Peak Noise: Traffic along Cypress Street, birds chirping, truck reversing beeps, conversations, car door slamming.			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
64.5	79.6	44.7	99.8

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	04/08/2019	
	Microphone	Brüel & Kjær	4189	3086765	04/08/2019	
	Preamp	Brüel & Kjær	ZC 0032	25380	04/08/2019	
	Calibrator	Brüel & Kjær	4231	2545667	04/08/2019	
Weather Data						
Est.	Duration: 10 minutes			Sky: Clear, no clouds		
	Note: dBA Offset = 0.01			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	4 mph		85°		29.95	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		08/14/2019 11:07:46
End Time:		08/14/2019 11:17:46
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.11

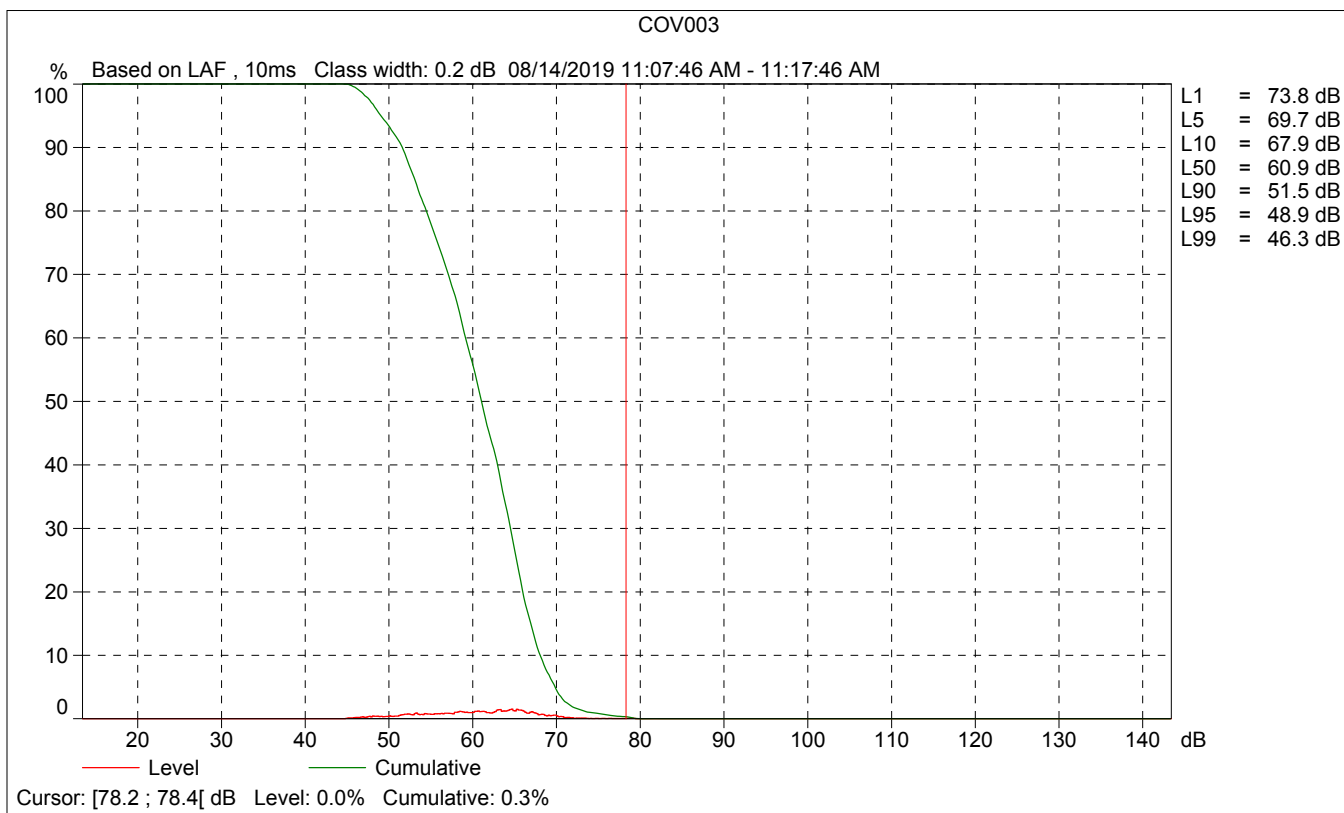
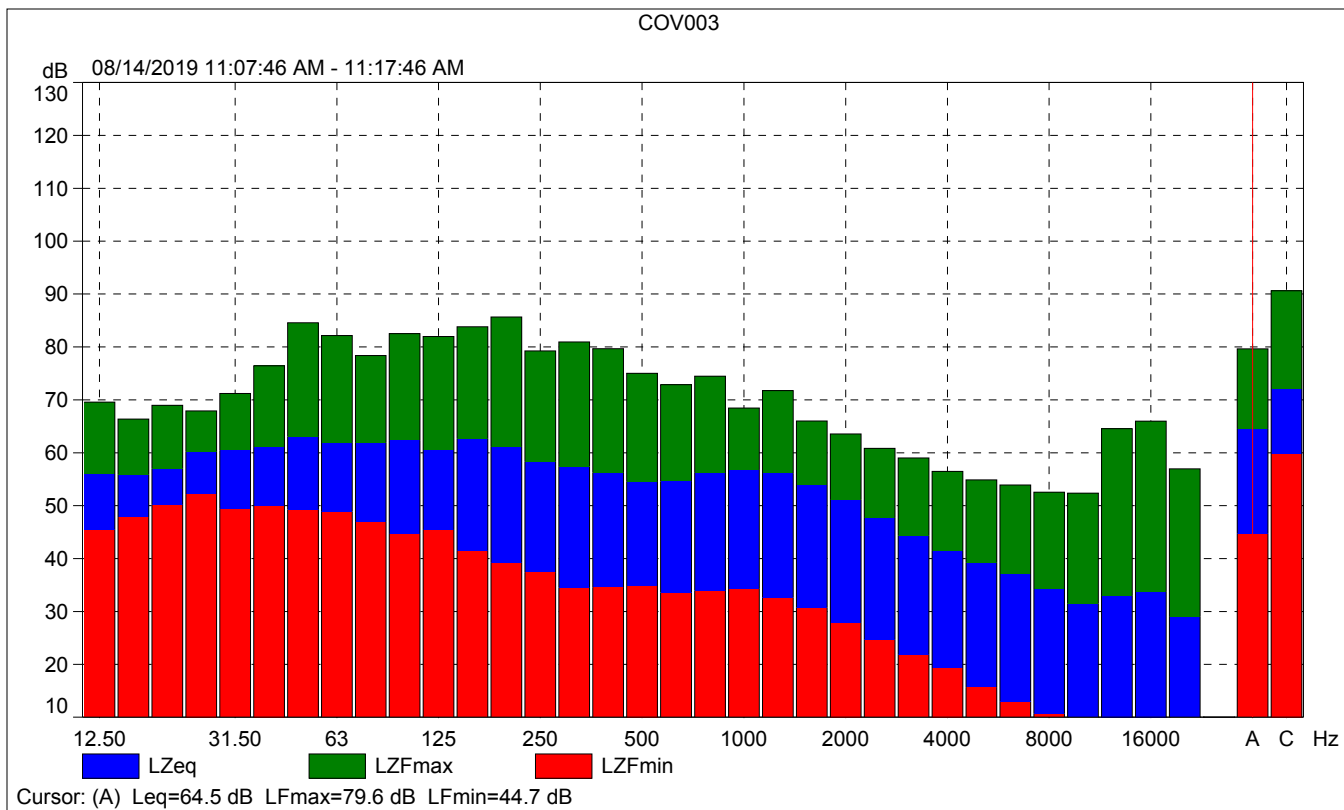
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

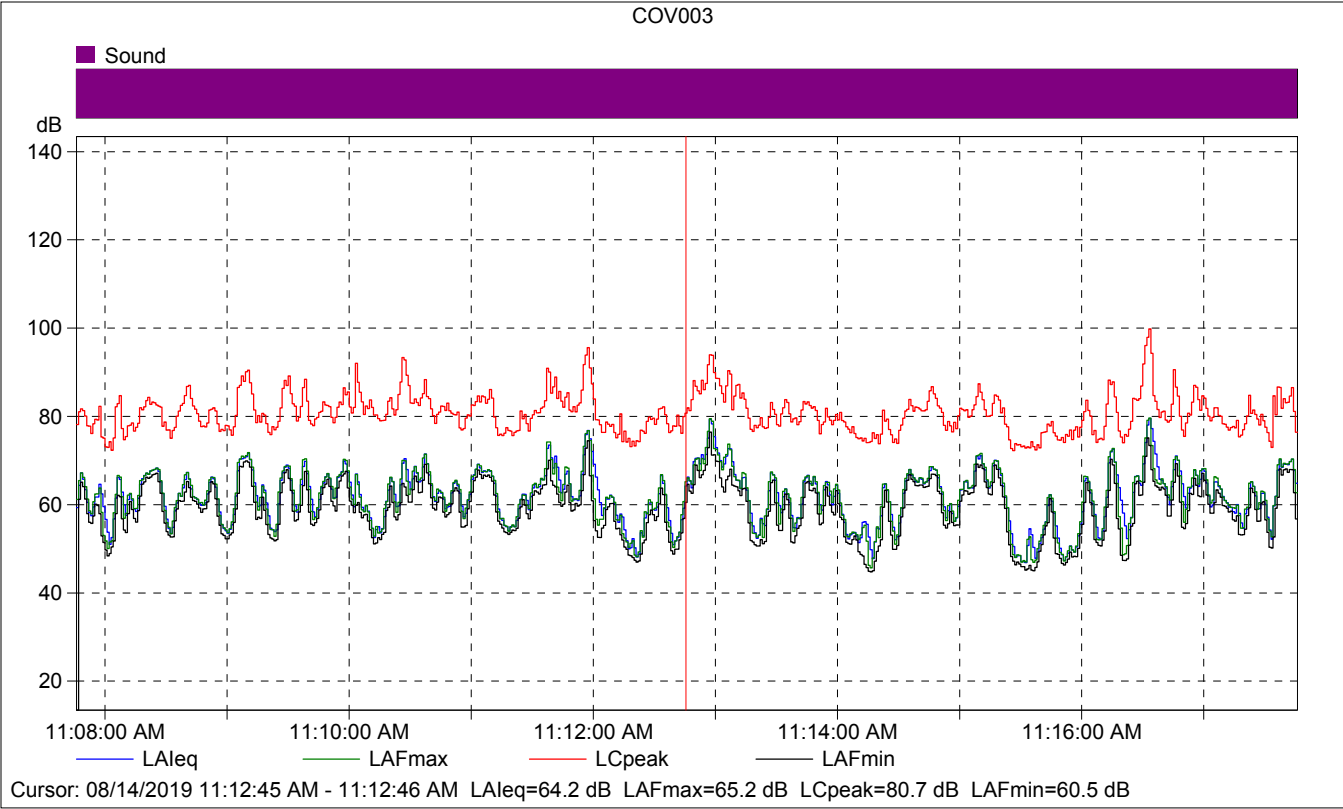
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		08/14/2019 07:24:47
Calibration Type:		External reference
Sensitivity:		43.6993539333344 mV/Pa

COV003

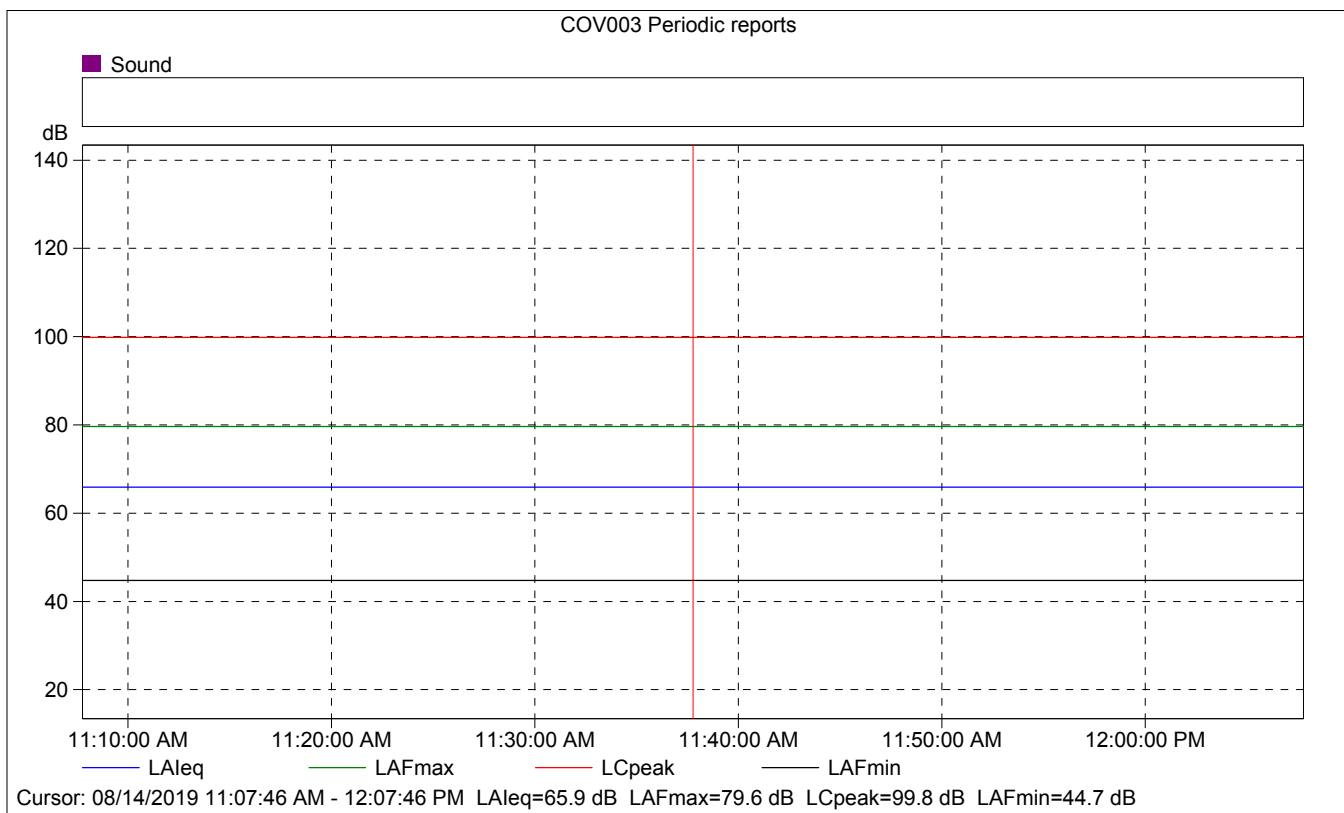
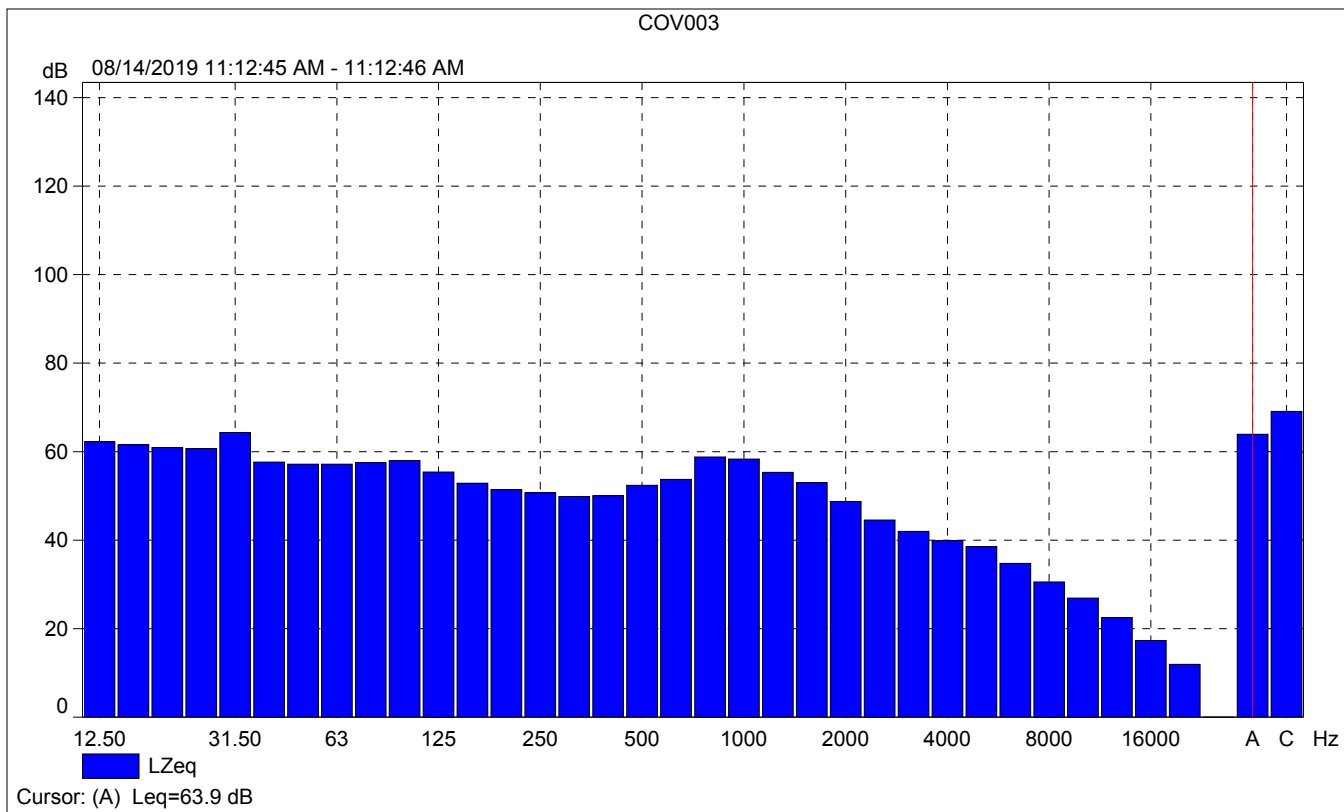
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	64.5	79.6	44.7
Time	11:07:46 AM	11:17:46 AM	0:10:00				
Date	08/14/2019	08/14/2019					





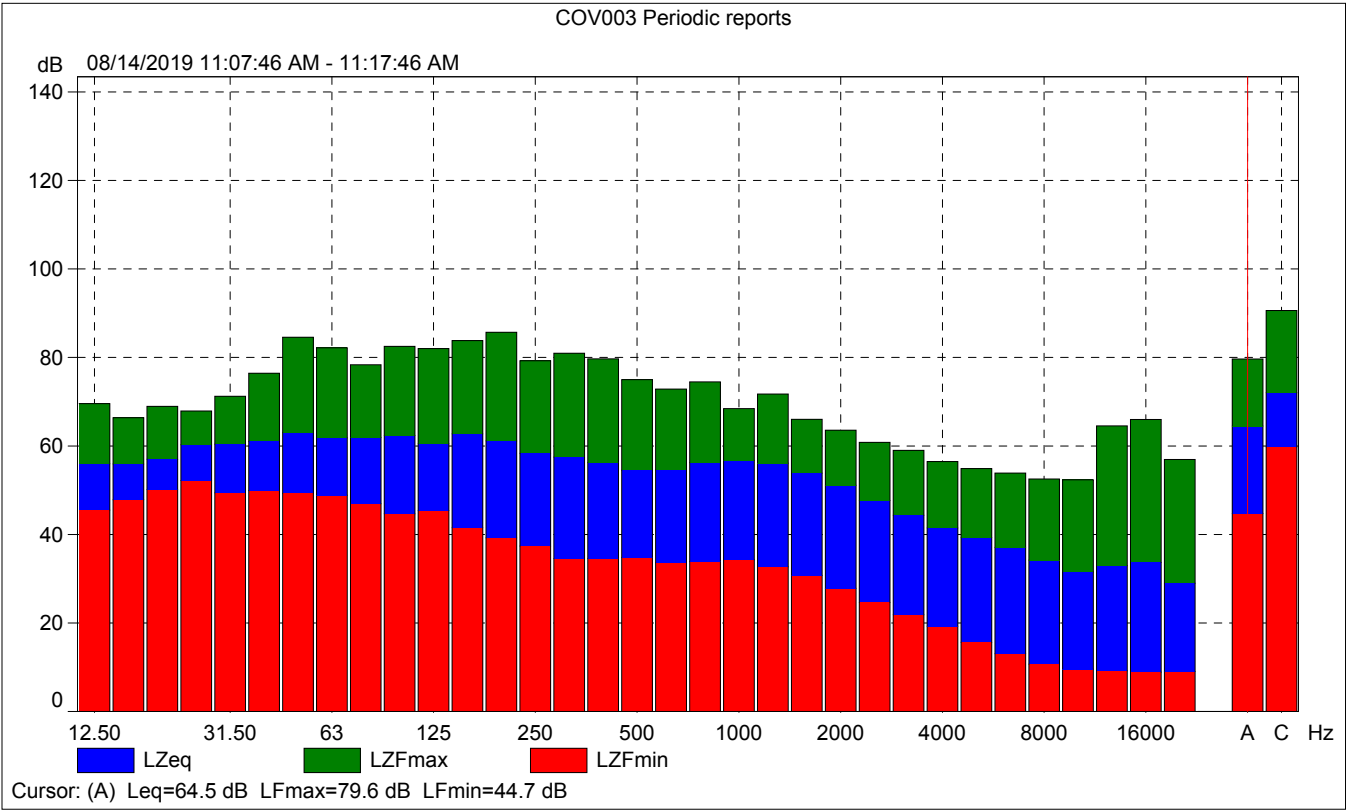
COV003

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			64.2	65.2	60.5
Time	11:12:45 AM	0:00:01			
Date	08/14/2019				

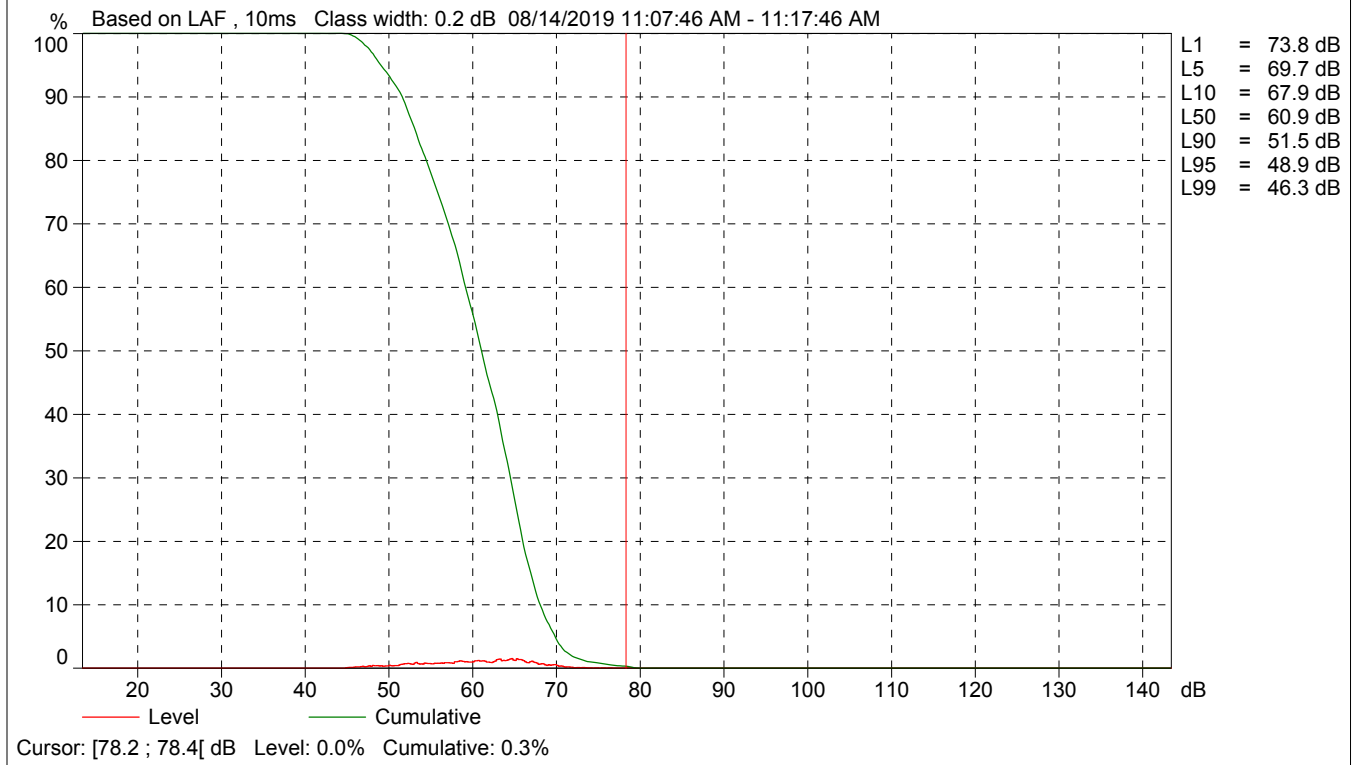


COV003 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	65.9	79.6	44.7
Time	11:07:46 AM	0:10:00				
Date	08/14/2019					



COV003 Periodic reports



Site Number: 4 (COV002)			
Recorded By: Alicia Gonzalez			
Job Number: 173379			
Date: 08/14/19			
Time: 10:48 a.m.			
Location: North of McDonalds in grassy area along Azusa Avenue			
Source of Peak Noise: Traffic along Azusa Avenue, cars at McDonalds drive-thru, birds chirping.			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
66.4	82.9	50.0	104.0

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	04/08/2019	
	Microphone	Brüel & Kjær	4189	3086765	04/08/2019	
	Preamp	Brüel & Kjær	ZC 0032	25380	04/08/2019	
	Calibrator	Brüel & Kjær	4231	2545667	04/08/2019	
Weather Data						
Est.	Duration: 10 minutes			Sky: Clear, no clouds		
	Note: dBA Offset = 0.01			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	2 mph		81°		29.96	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		08/14/2019 10:48:05
End Time:		08/14/2019 10:58:05
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.11

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

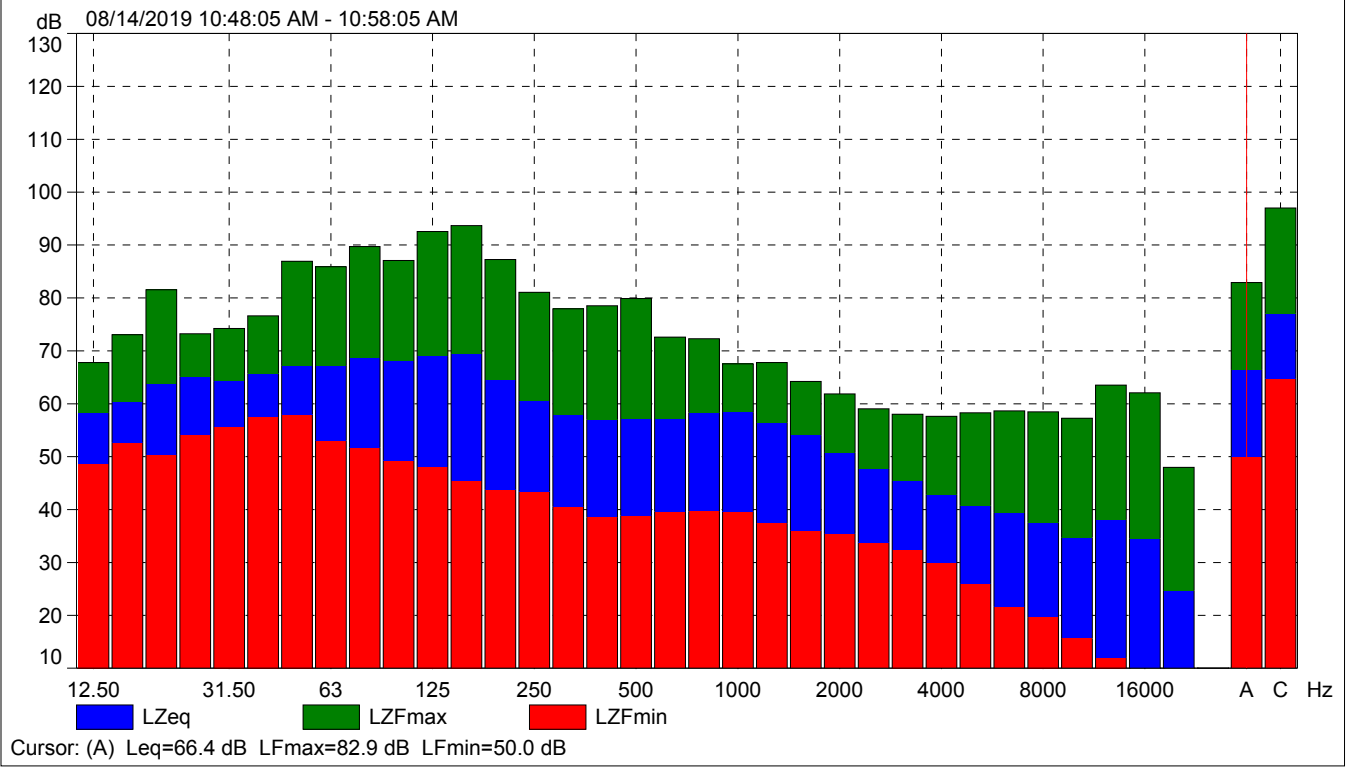
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		08/14/2019 07:24:47
Calibration Type:		External reference
Sensitivity:		43.6993539333344 mV/Pa

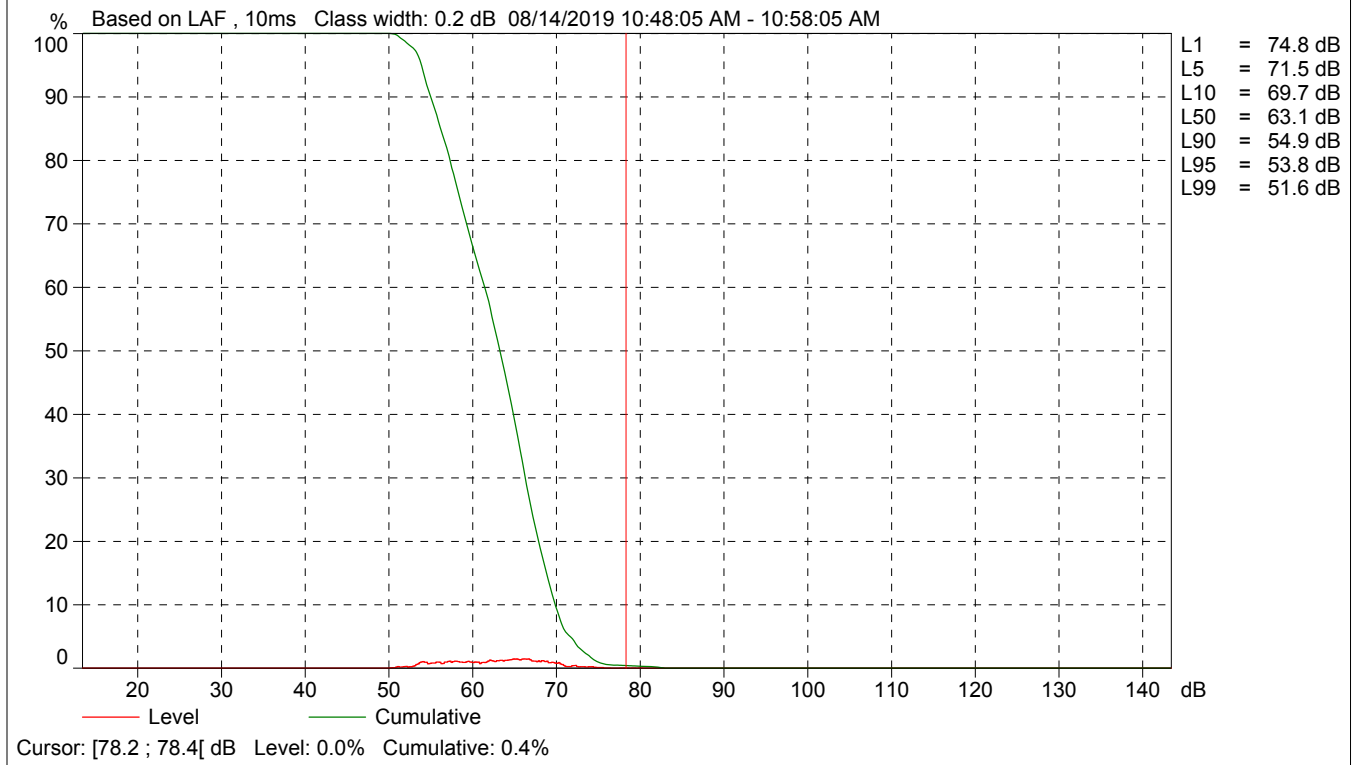
COV002

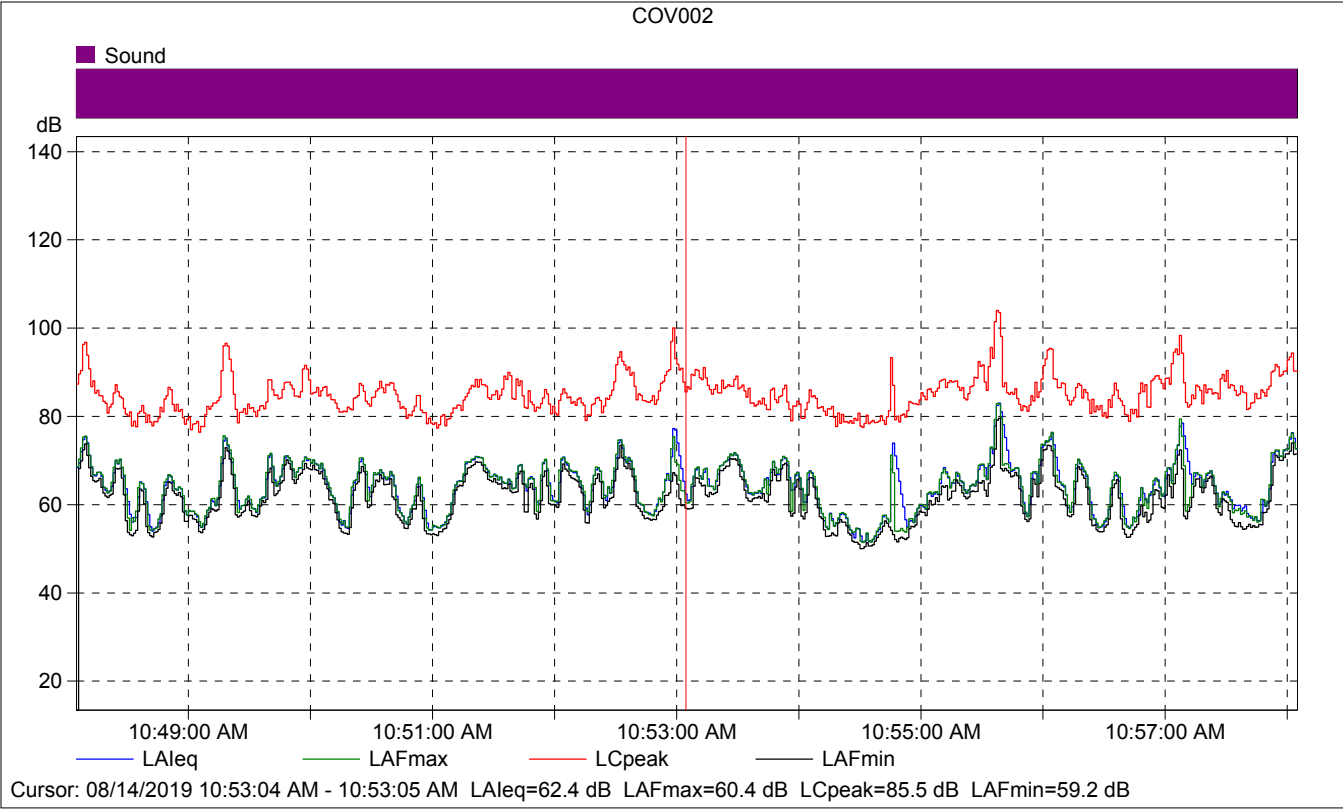
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	66.4	82.9	50.0
Time	10:48:05 AM	10:58:05 AM	0:10:00				
Date	08/14/2019	08/14/2019					

COV002



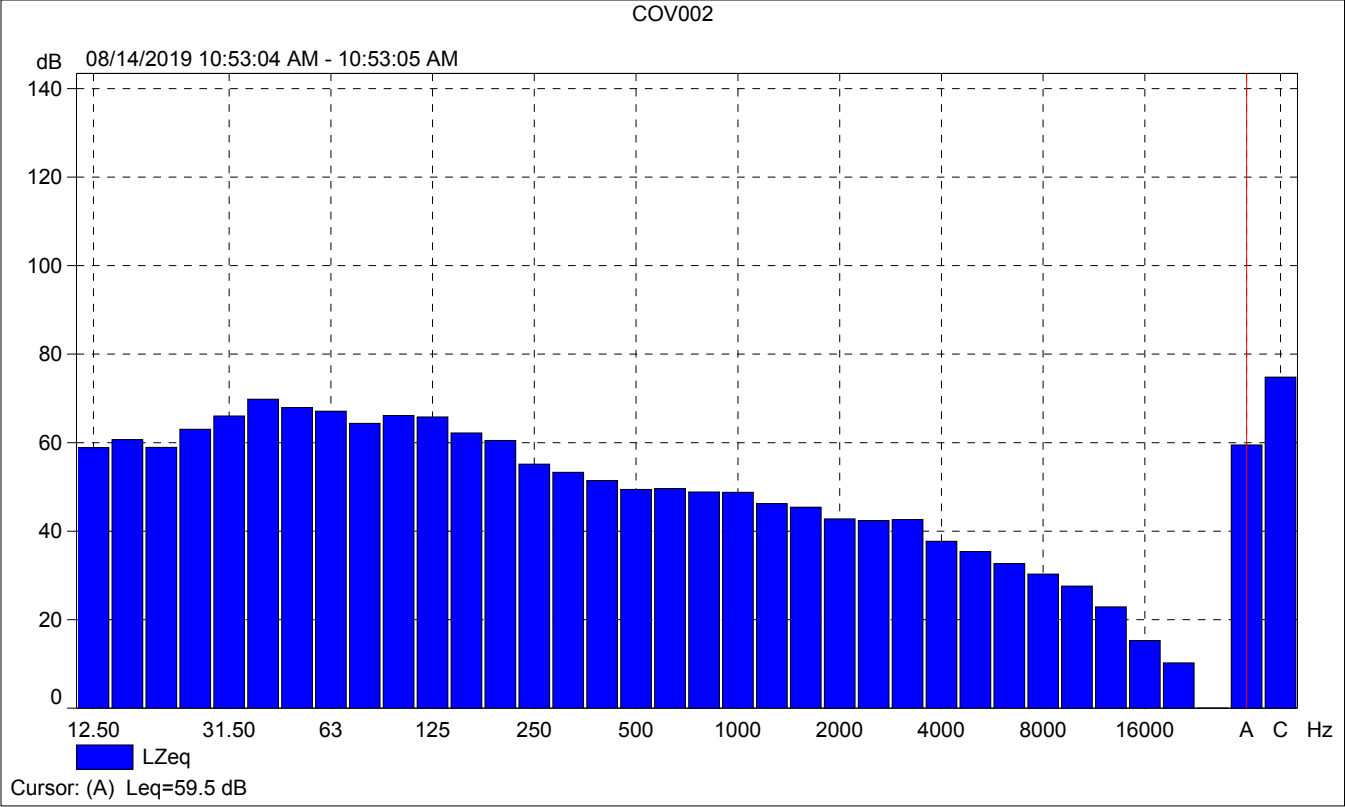
COV002

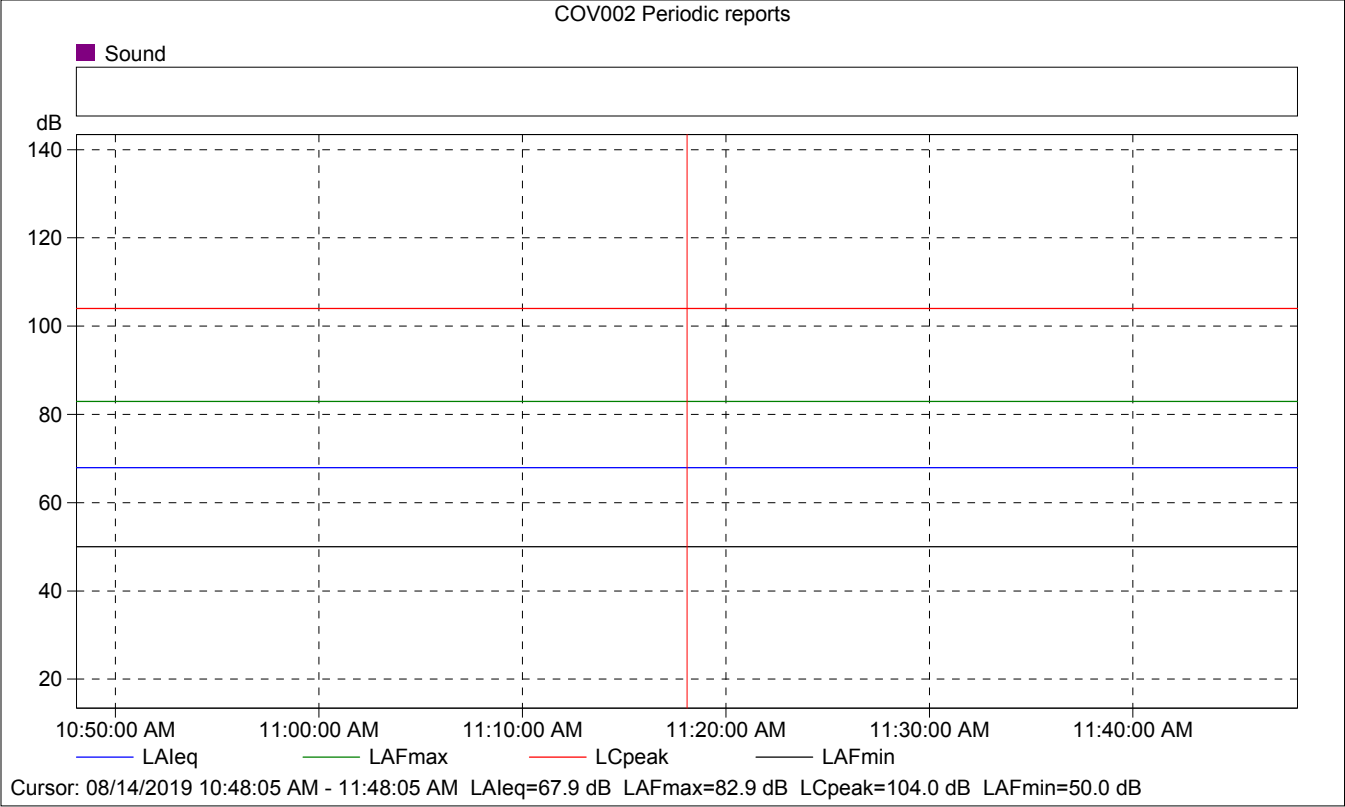




COV002

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			62.4	60.4	59.2
Time	10:53:04 AM	0:00:01			
Date	08/14/2019				

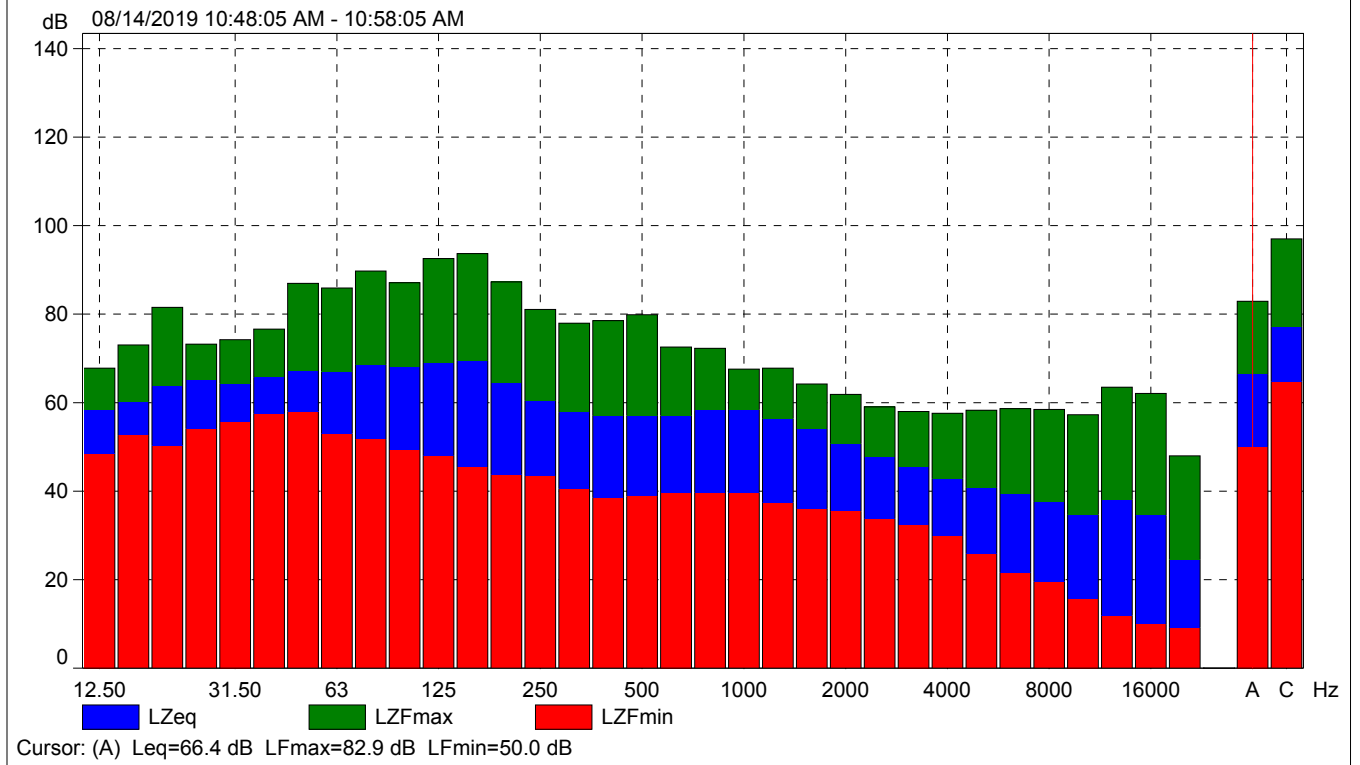




COV002 Periodic reports

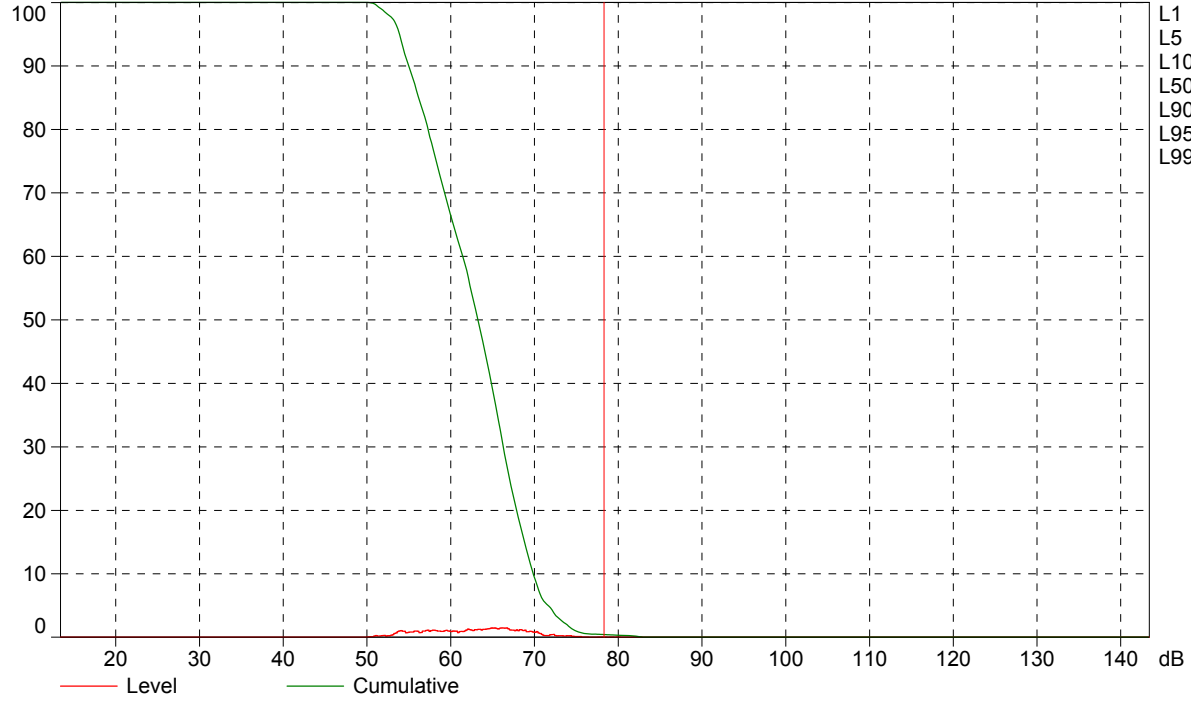
	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	67.9	82.9	50.0
Time	10:48:05 AM	0:10:00				
Date	08/14/2019					

COV002 Periodic reports



COV002 Periodic reports

% Based on LAF, 10ms Class width: 0.2 dB 08/14/2019 10:48:05 AM - 10:58:05 AM



L1 = 74.8 dB
 L5 = 71.5 dB
 L10 = 69.7 dB
 L50 = 63.1 dB
 L90 = 54.9 dB
 L95 = 53.8 dB
 L99 = 51.6 dB

Cursor: [78.2 ; 78.4[dB Level: 0.0% Cumulative: 0.4%