

8.6

NOISE DATA

This document is designed for double-sided printing to conserve natural resources.

Site Number: 1			
Recorded By: Danielle Regimbal			
Job Number: 174203			
Date: September 23, 2019			
Time: 2:15 p.m.			
Location: East of the residence located at 1878 North Carlsbad Street, within the grassy area adjacent to the sidewalk.			
Source of Peak Noise: Traffic and motorcycles along Cannon Street and Serrano Avenue.			
Noise Data			
Leq (dB)	Lmin (dB)	Lmax (dB)	Peak (dB)
46.5	41.6	63.8	82.6

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: sunny/clear		
	Note: dBA Offset = -0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	SW 12 mph		81°		29.89 inHg	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		09/23/2019 14:15:03
End Time:		09/23/2019 14:25:03
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.08

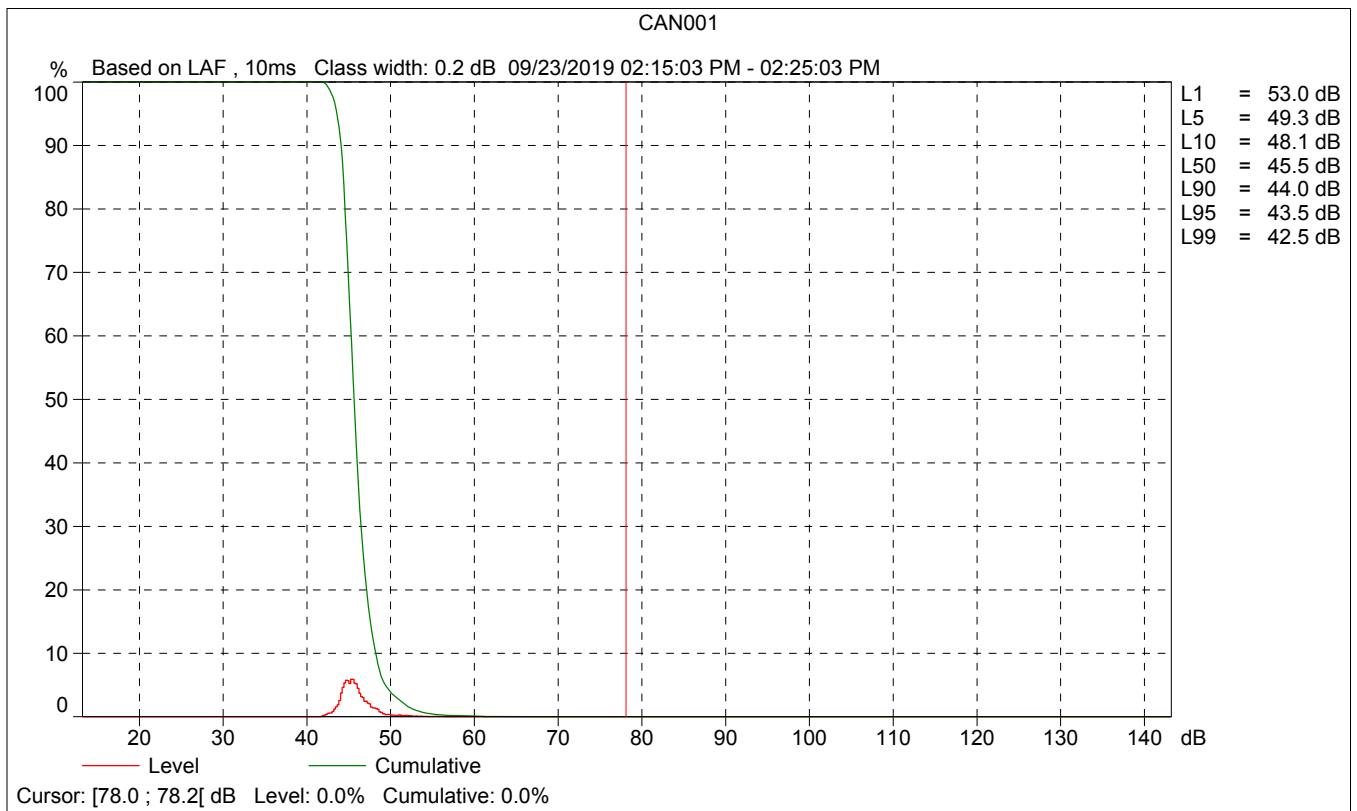
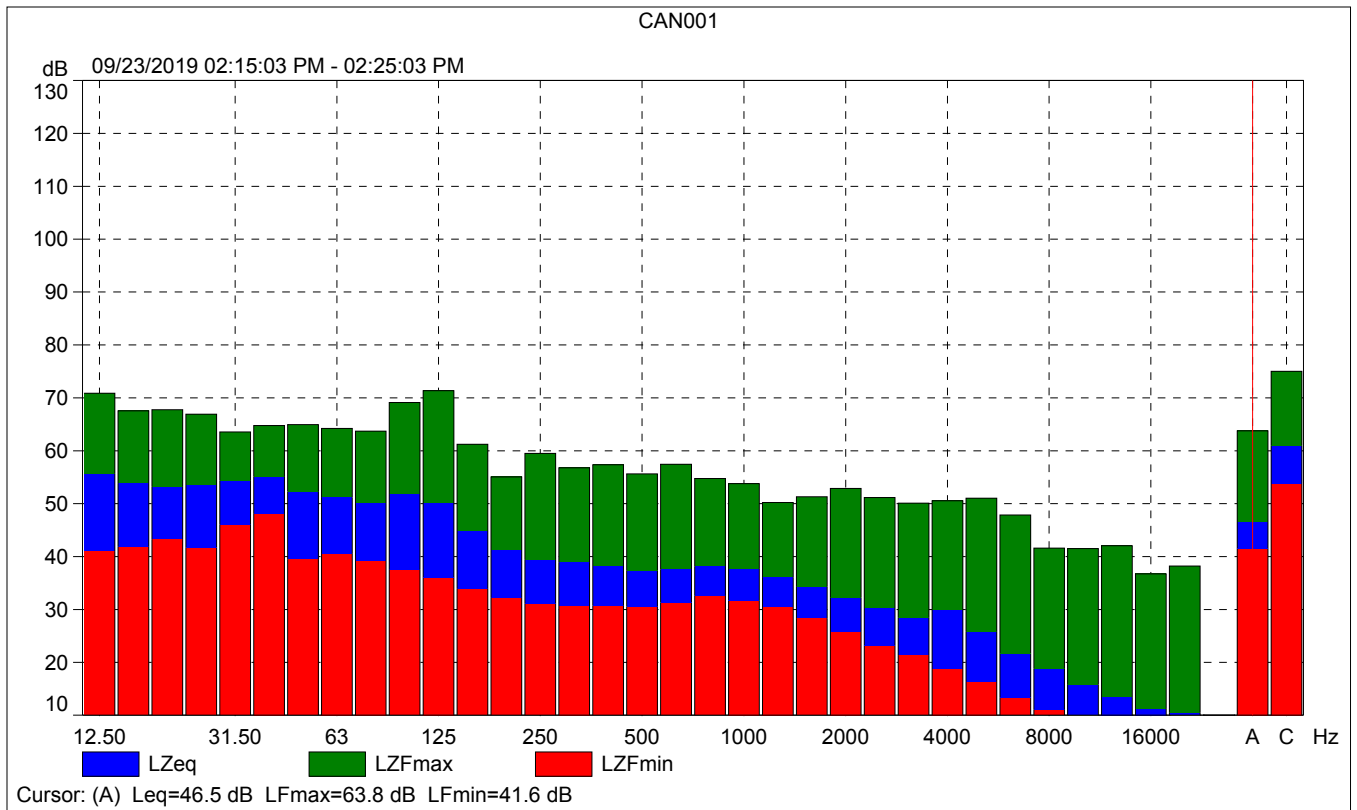
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

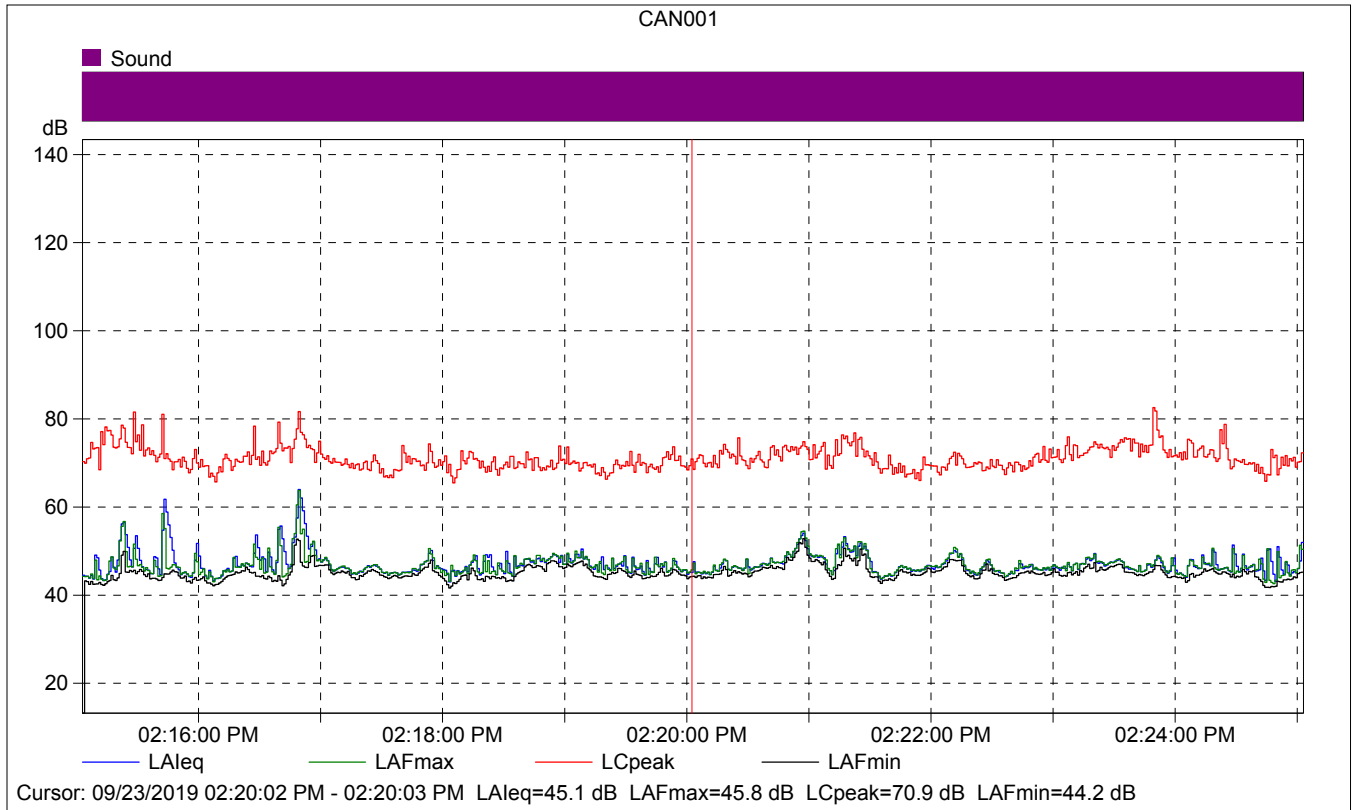
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		09/23/2019 13:24:43
Calibration Type:		External reference
Sensitivity:		43.8086651265621 mV/Pa

CAN001

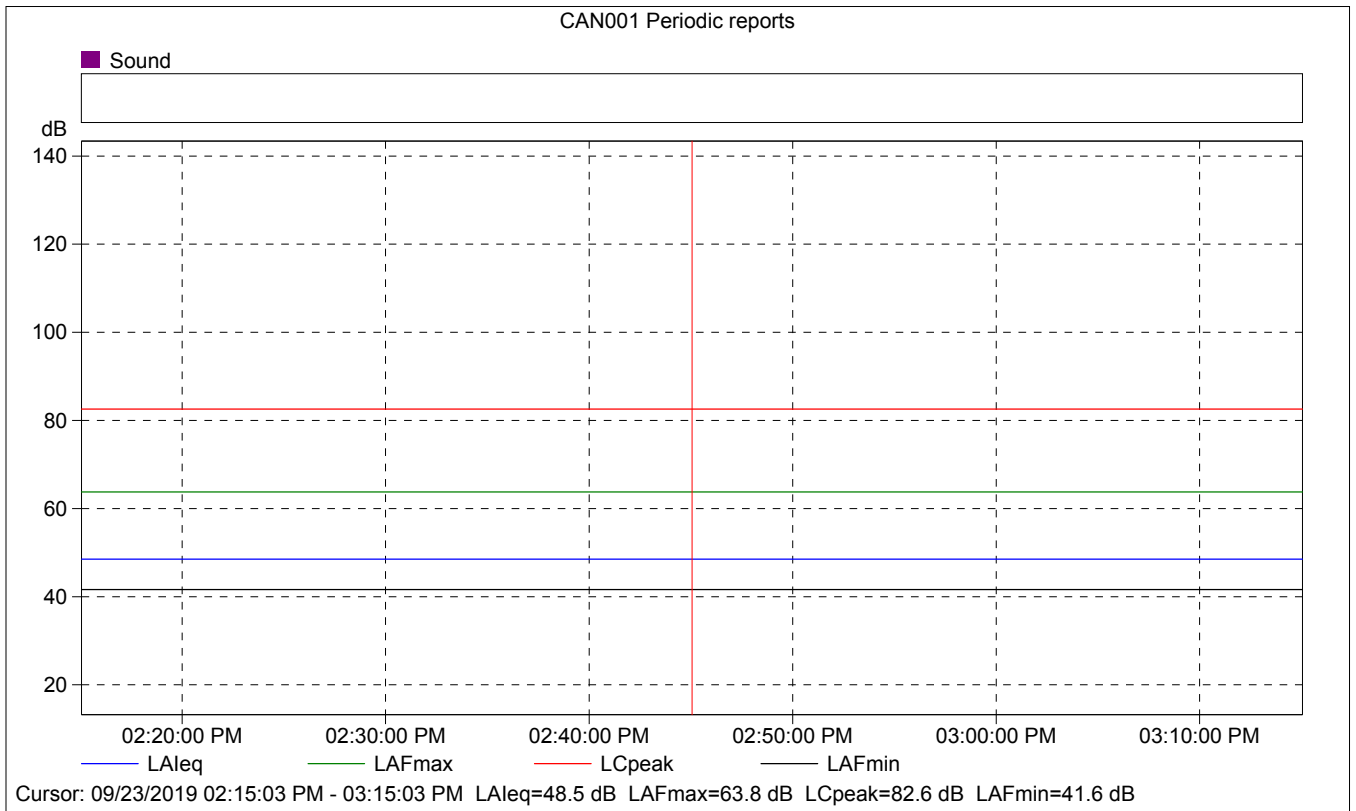
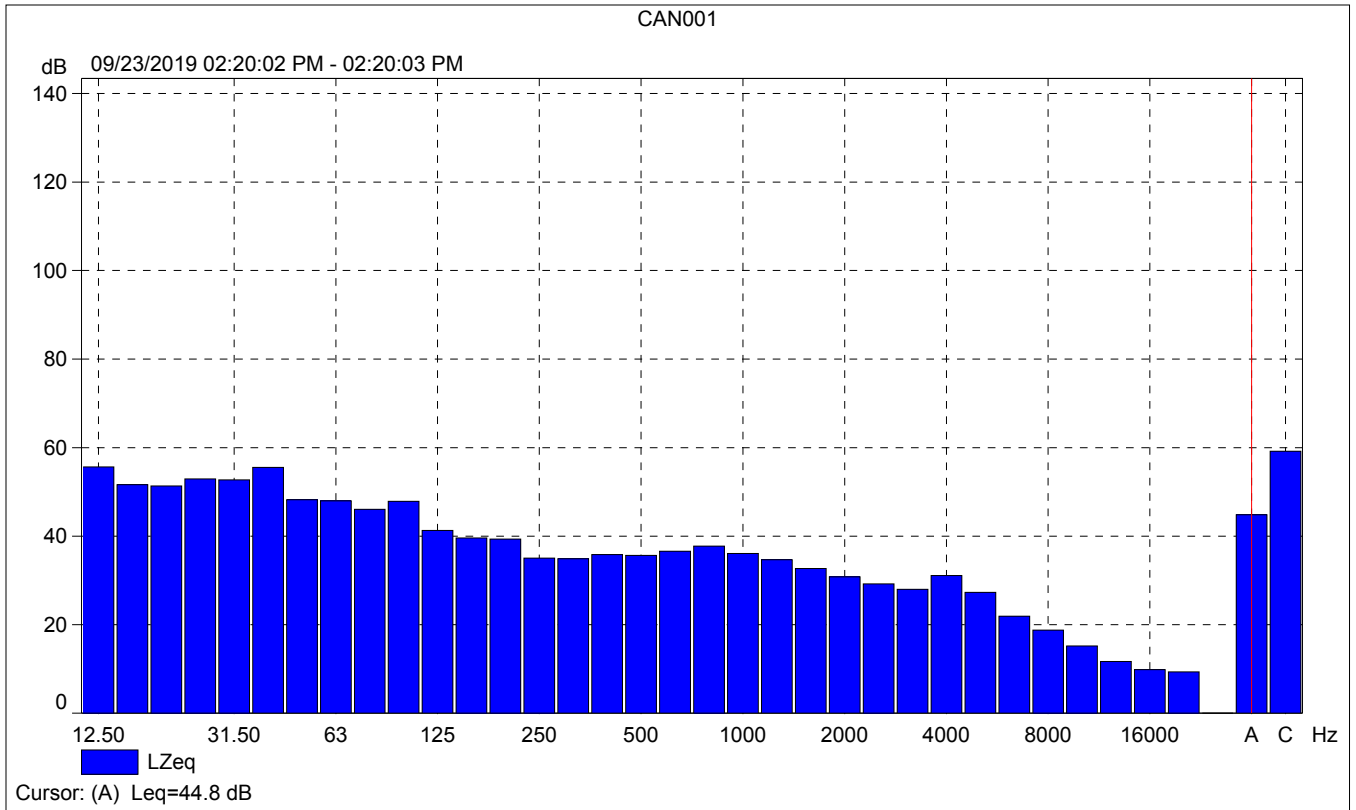
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	46.5	63.8	41.6
Time	02:15:03 PM	02:25:03 PM	0:10:00				
Date	09/23/2019	09/23/2019					





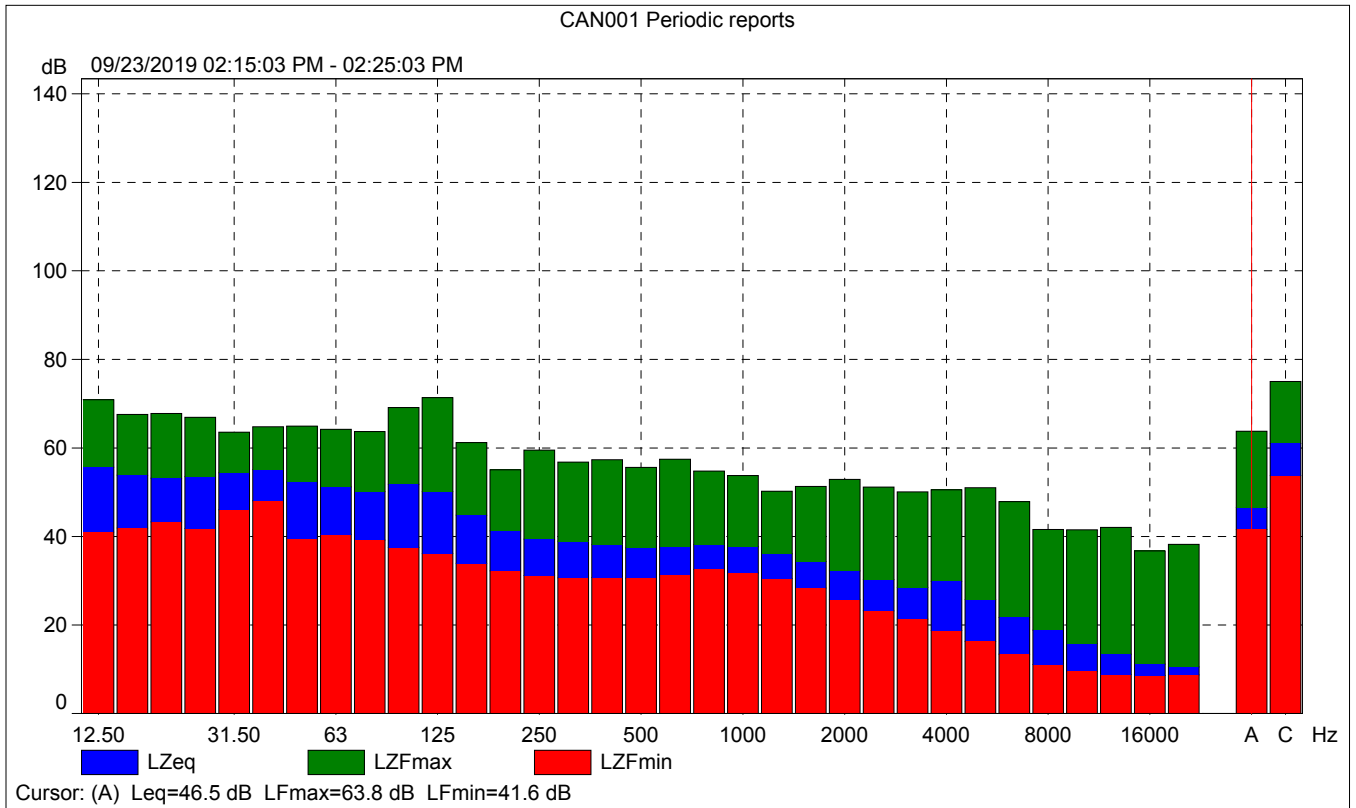
CAN001

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			45.1	45.8	44.2
Time	02:20:02 PM	0:00:01			
Date	09/23/2019				



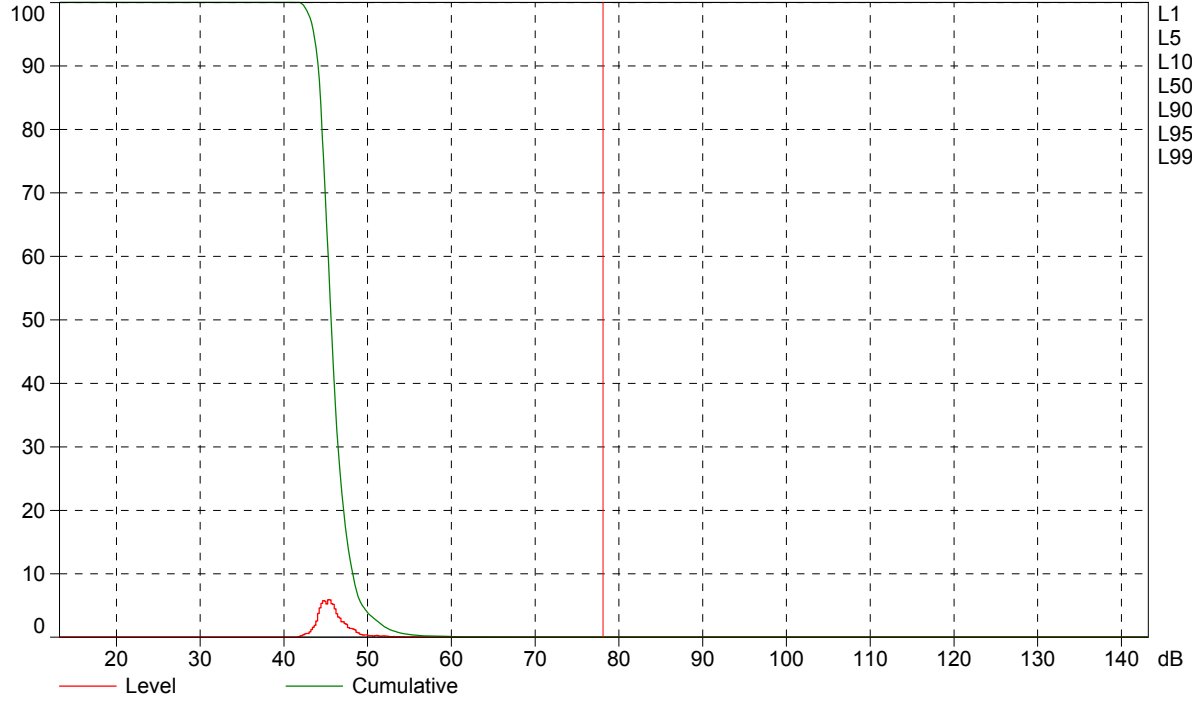
CAN001 Periodic reports

	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	48.5	63.8	41.6
Time	02:15:03 PM	0:10:00				
Date	09/23/2019					



CAN001 Periodic reports

% Based on LAF, 10ms Class width: 0.2 dB 09/23/2019 02:15:03 PM - 02:25:03 PM



Cursor: [78.0 ; 78.2] dB Level: 0.0% Cumulative: 0.0%

Site Number: 2			
Recorded By: Danielle Regimbal			
Job Number: 174203			
Date: September 23, 2019			
Time: 2:40 p.m.			
Location: Along Serrano Avenue, approximately 248 feet east of the Cannon Street and Serrano Avenue intersection.			
Source of Peak Noise: Traffic along Serrano Avenue.			
Noise Data			
Leq (dB)	Lmin (dB)	Lmax (dB)	Peak (dB)
66.1	47.4	82.5	101.9

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: sunny/clear		
	Note: dBA Offset = -0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	SW 12 mph		81°		29.89 inHg	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		09/23/2019 14:40:13
End Time:		09/23/2019 14:50:13
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.08

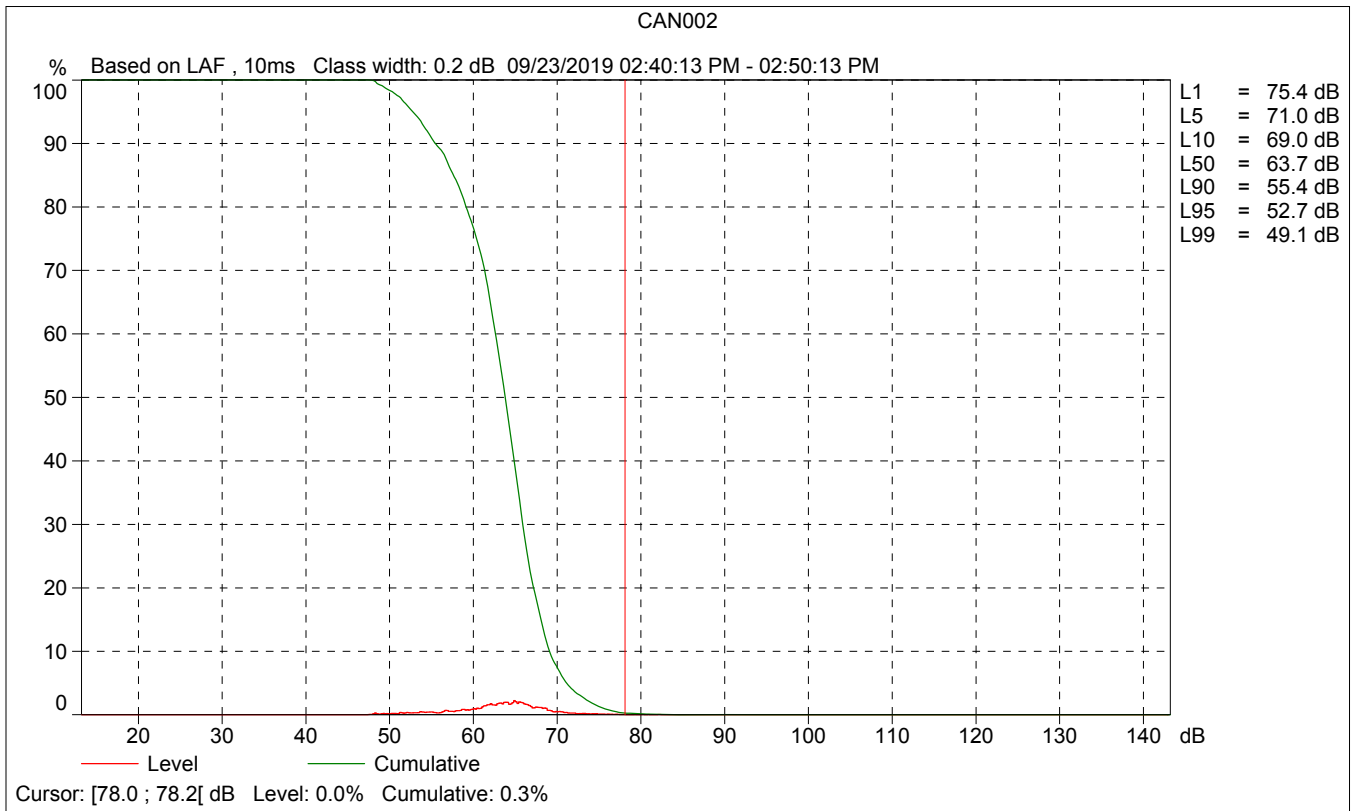
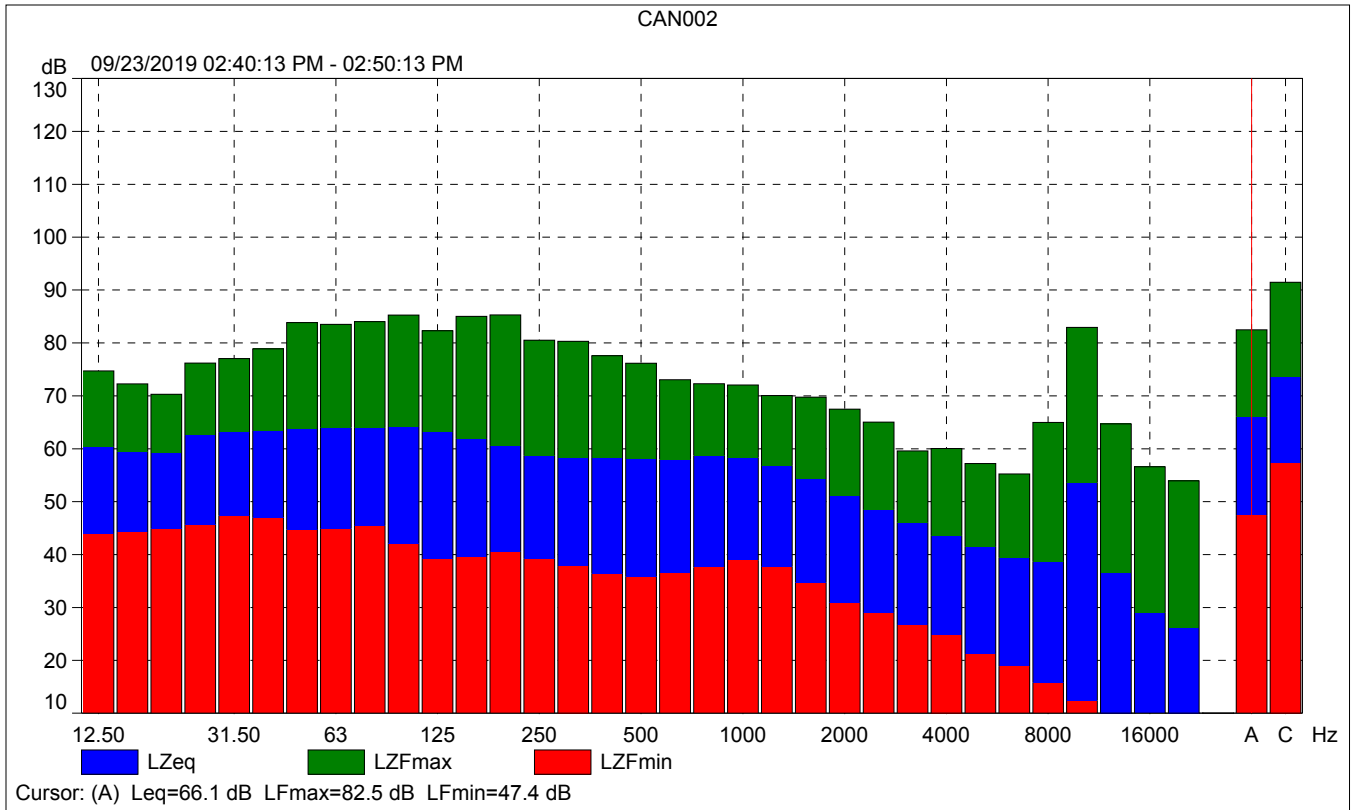
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

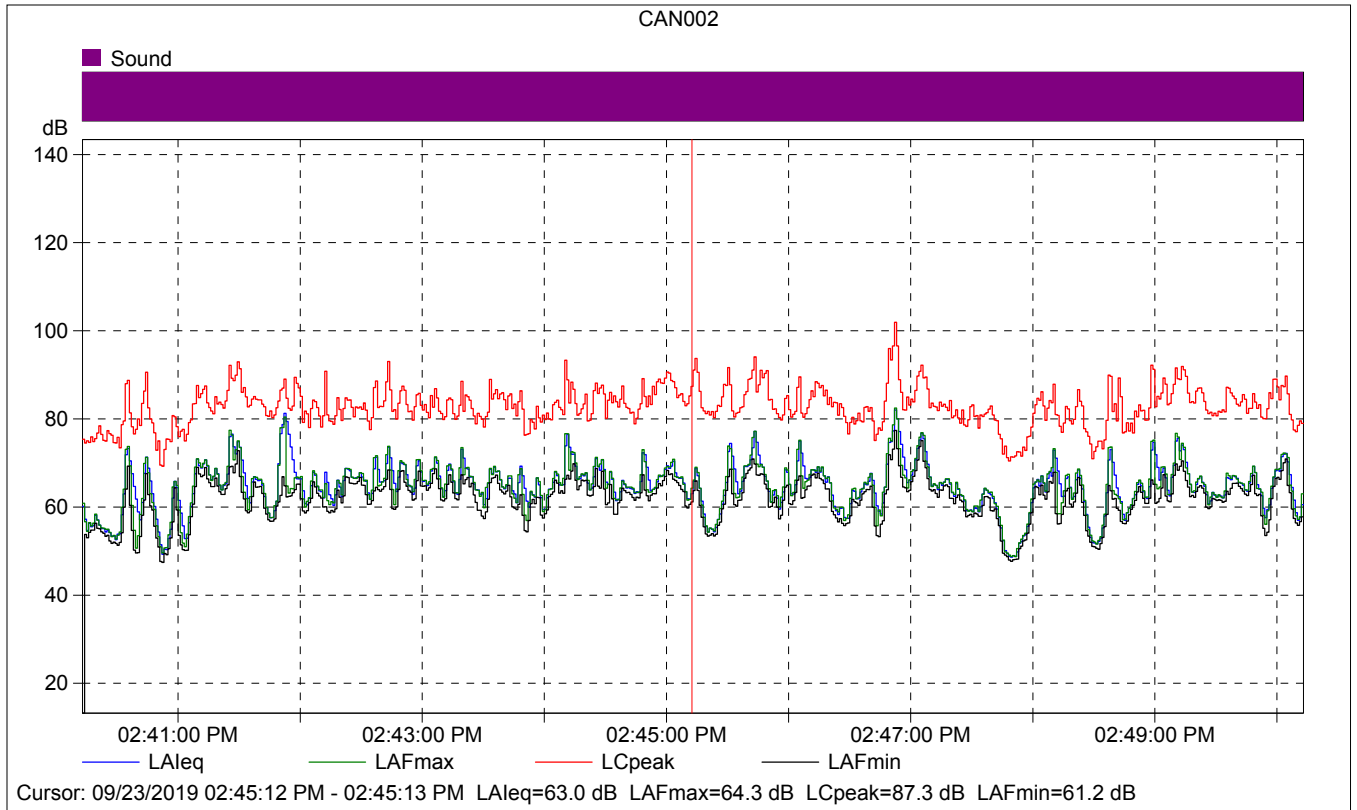
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		09/23/2019 13:24:43
Calibration Type:		External reference
Sensitivity:		43.8086651265621 mV/Pa

CAN002

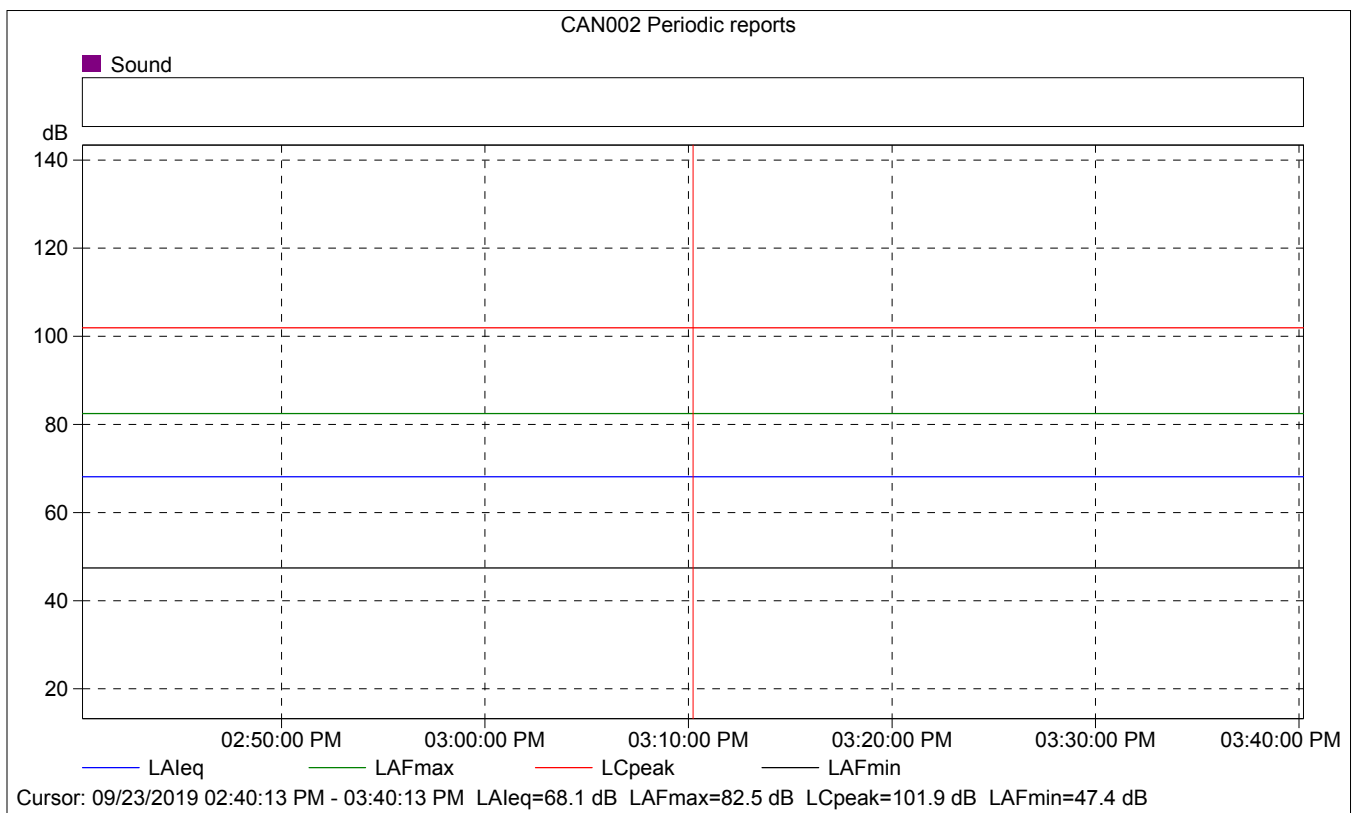
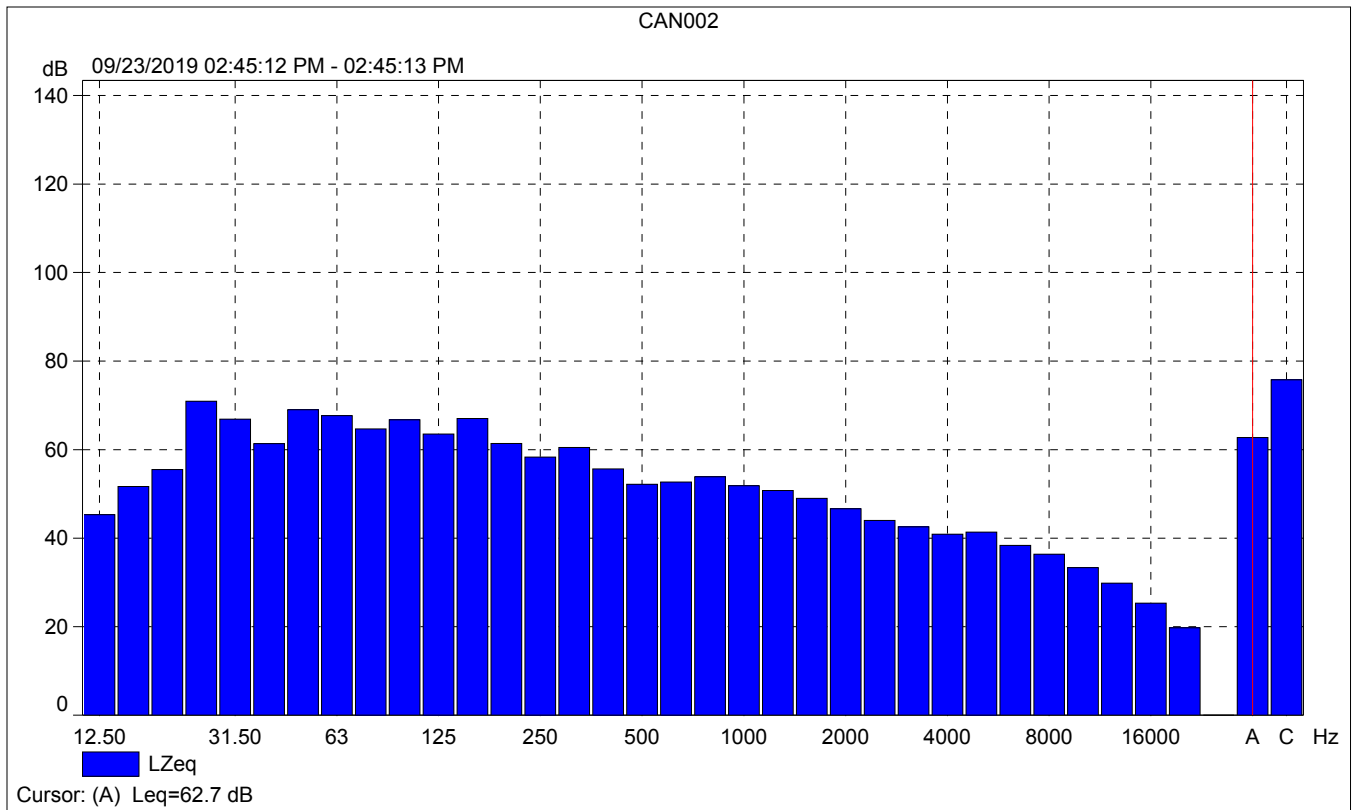
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	66.1	82.5	47.4
Time	02:40:13 PM	02:50:13 PM	0:10:00				
Date	09/23/2019	09/23/2019					





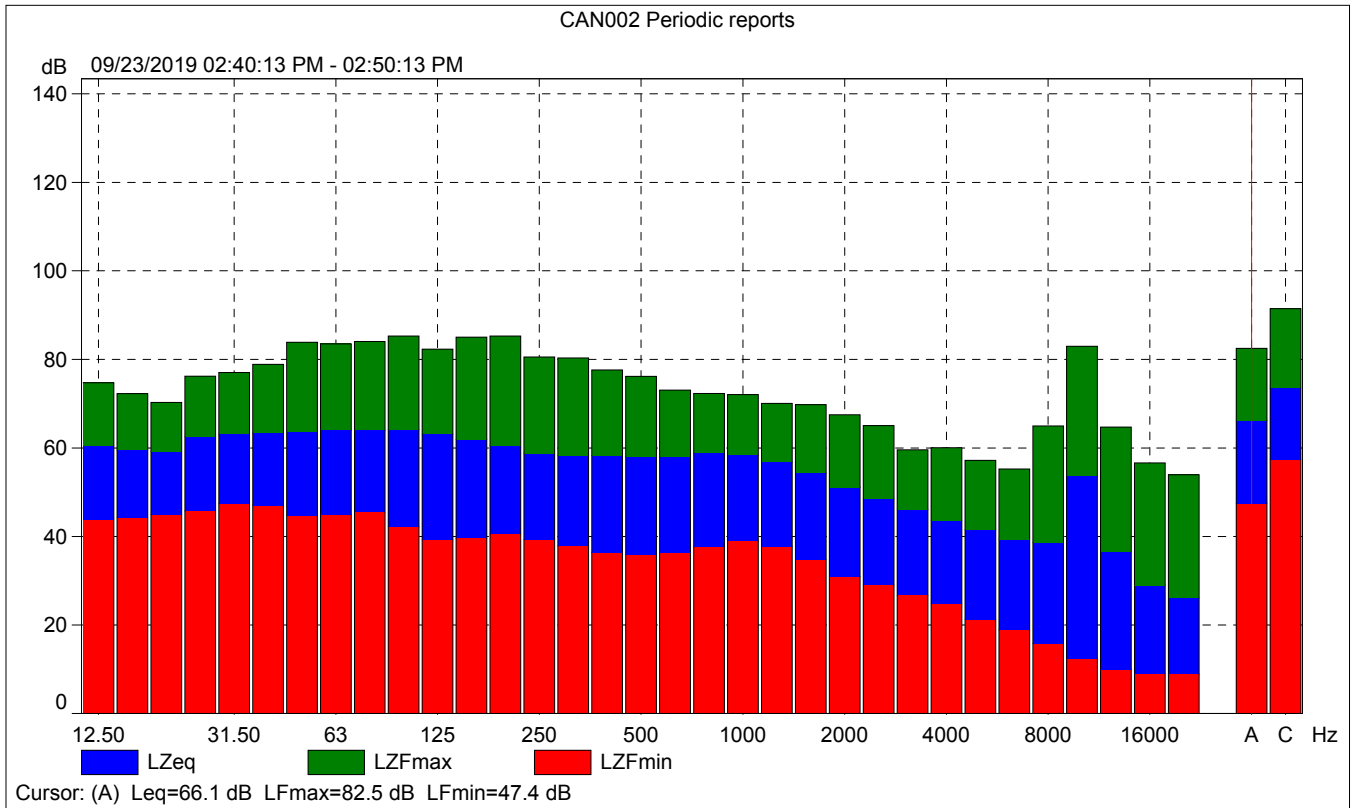
CAN002

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			63.0	64.3	61.2
Time	02:45:12 PM	0:00:01			
Date	09/23/2019				



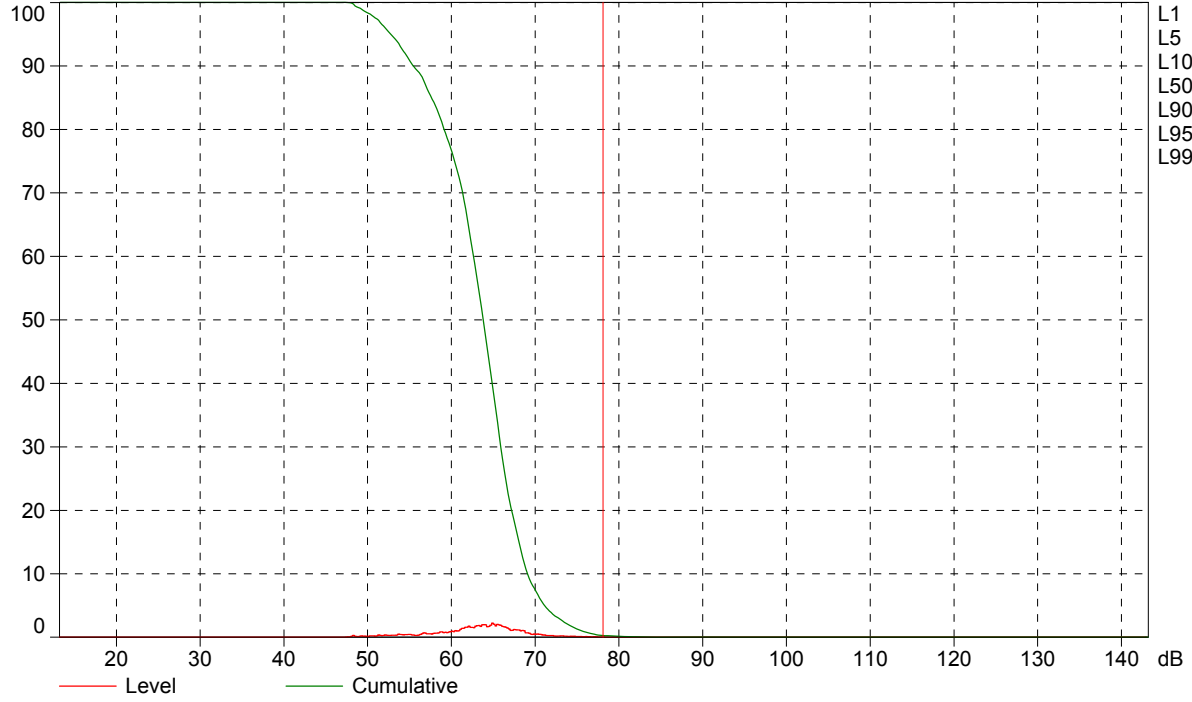
CAN002 Periodic reports

	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	68.1	82.5	47.4
Time	02:40:13 PM	0:10:00				
Date	09/23/2019					



CAN002 Periodic reports

% Based on LAF, 10ms Class width: 0.2 dB 09/23/2019 02:40:13 PM - 02:50:13 PM



Cursor: [78.0 ; 78.2] dB Level: 0.0% Cumulative: 0.3%

Site Number: 3			
Recorded By: Danielle Regimbal			
Job Number: 174203			
Date: September 23, 2019			
Time: 2:55 p.m.			
Location: Along Cannon Street, approximately 122 feet south of the Cannon Street and Serrano Avenue intersection.			
Source of Peak Noise: Traffic along Cannon Street and loud car stereo.			
Noise Data			
Leq (dB)	Lmin (dB)	Lmax (dB)	Peak (dB)
71.5	52.7	88.3	102.6

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: sunny/clear		
	Note: dBA Offset = -0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	SW 12 mph		81°		29.89 inHg	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		09/23/2019 14:55:30
End Time:		09/23/2019 15:05:30
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.08

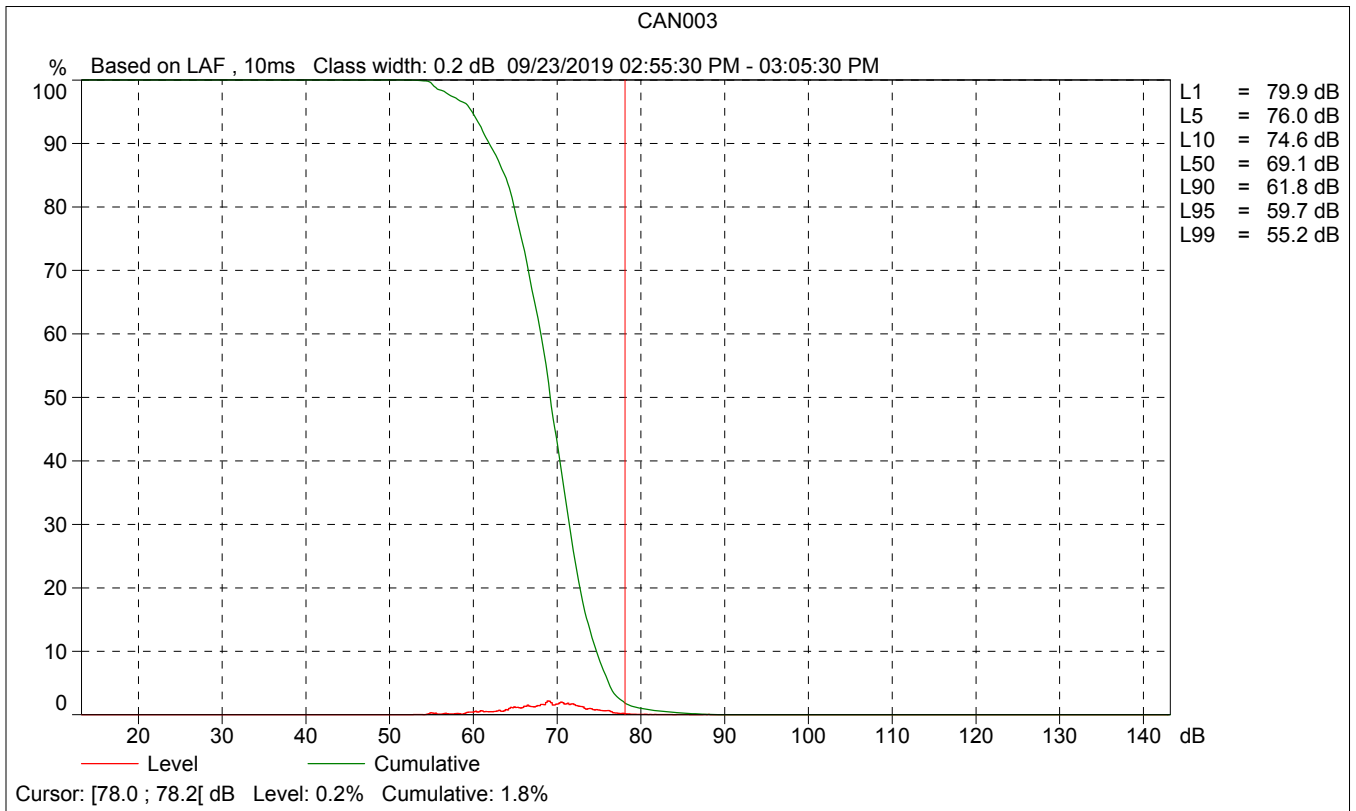
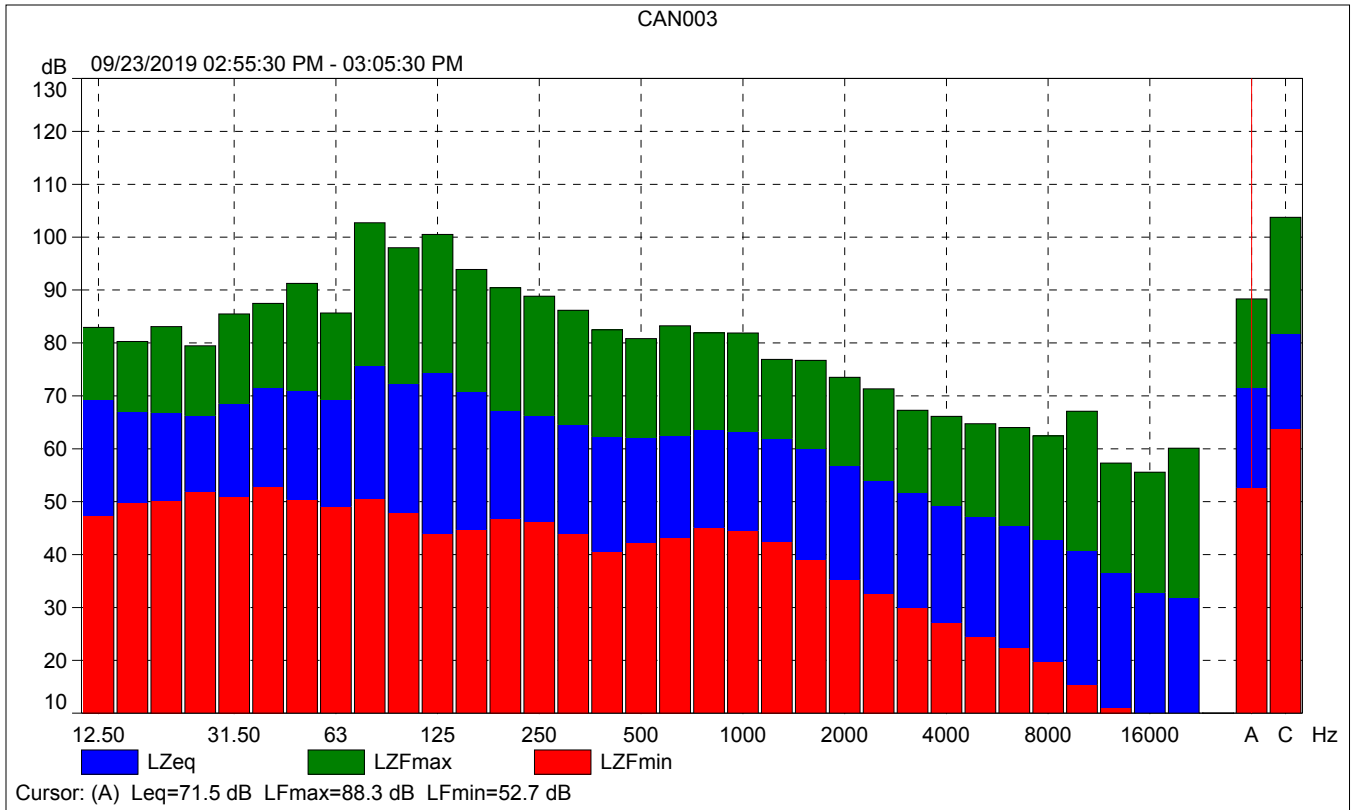
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

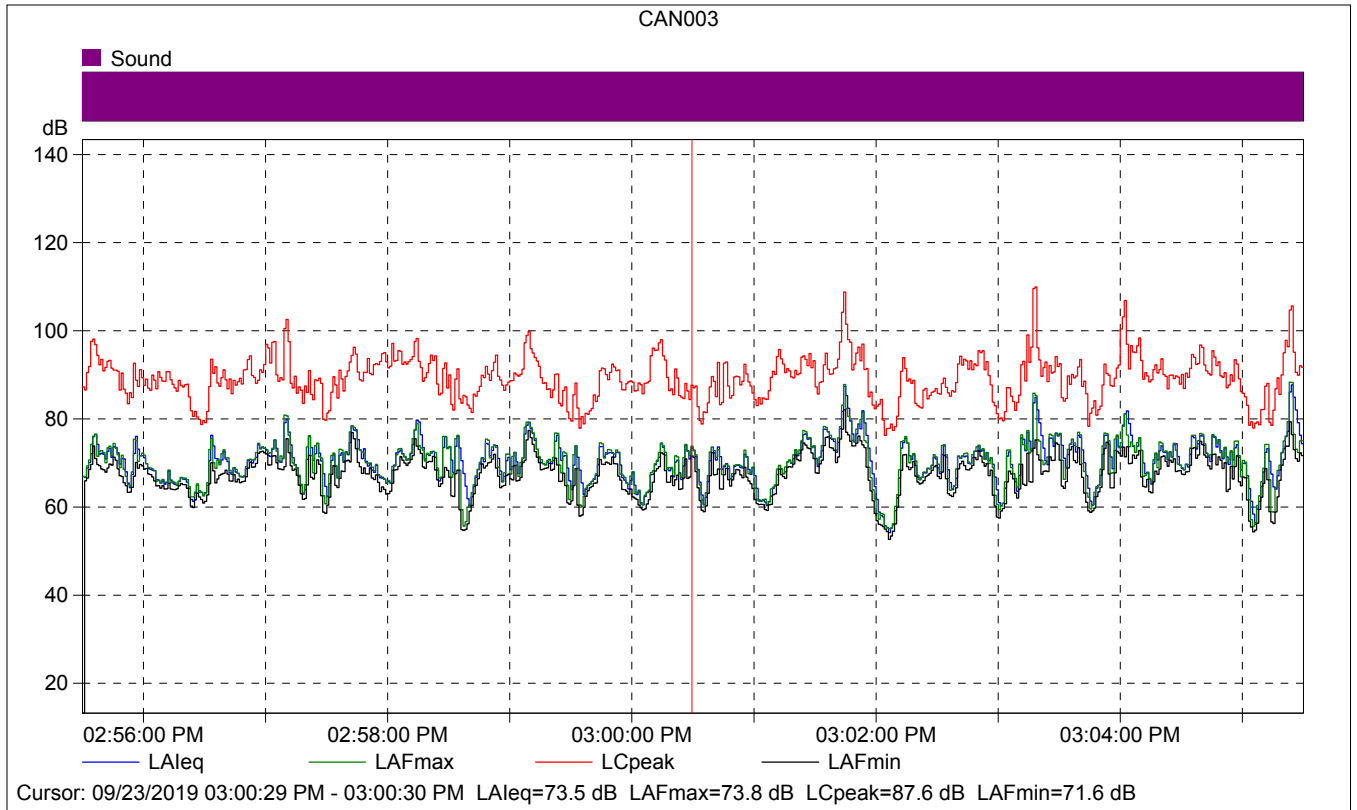
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		09/23/2019 13:24:43
Calibration Type:		External reference
Sensitivity:		43.8086651265621 mV/Pa

CAN003

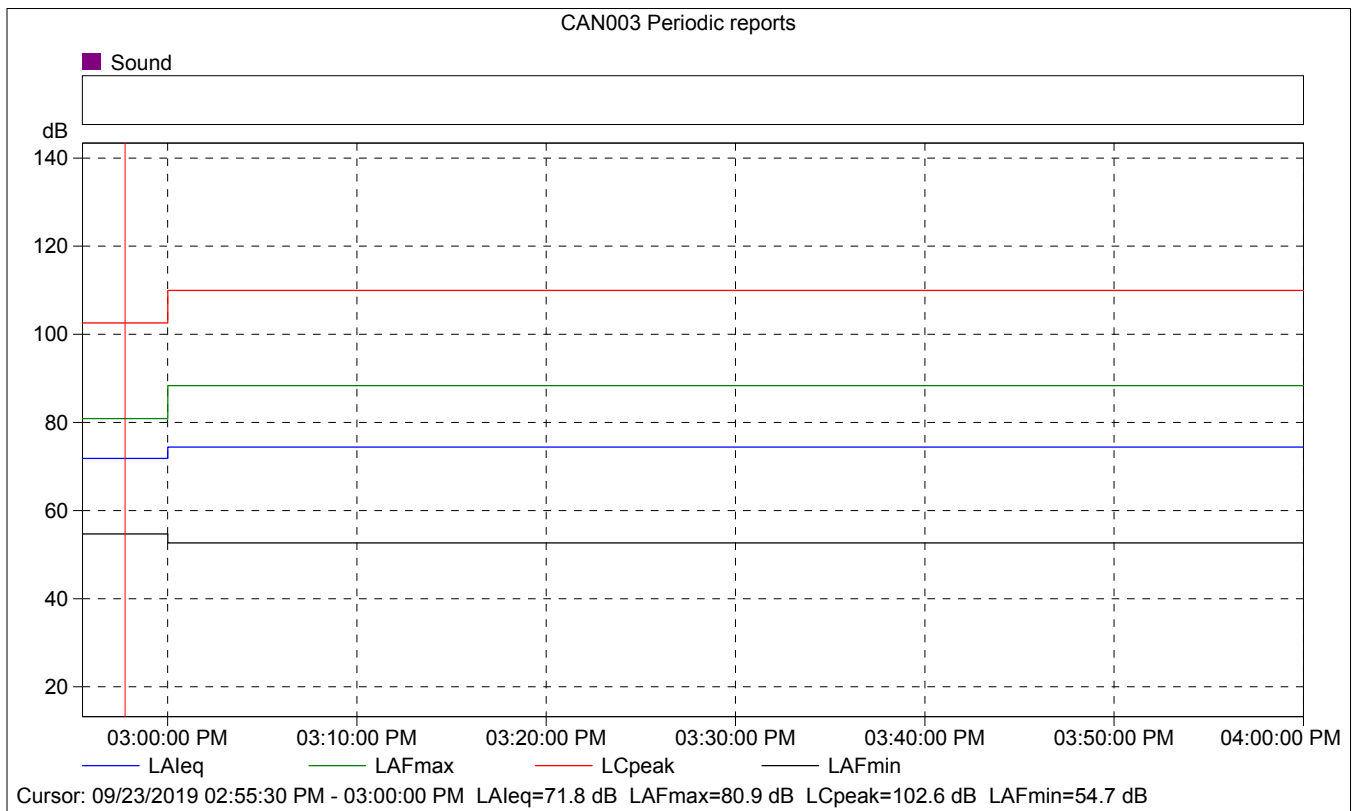
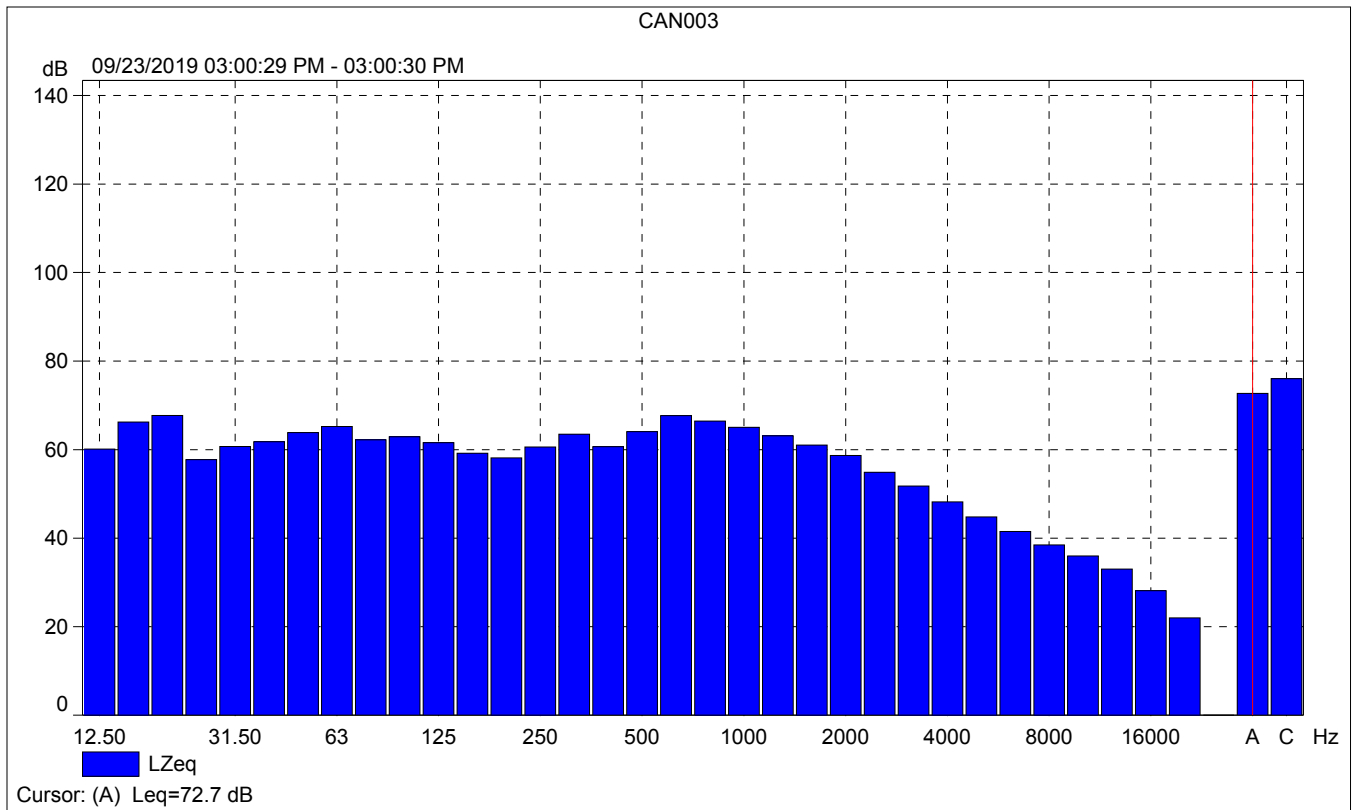
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	71.5	88.3	52.7
Time	02:55:30 PM	03:05:30 PM	0:10:00				
Date	09/23/2019	09/23/2019					





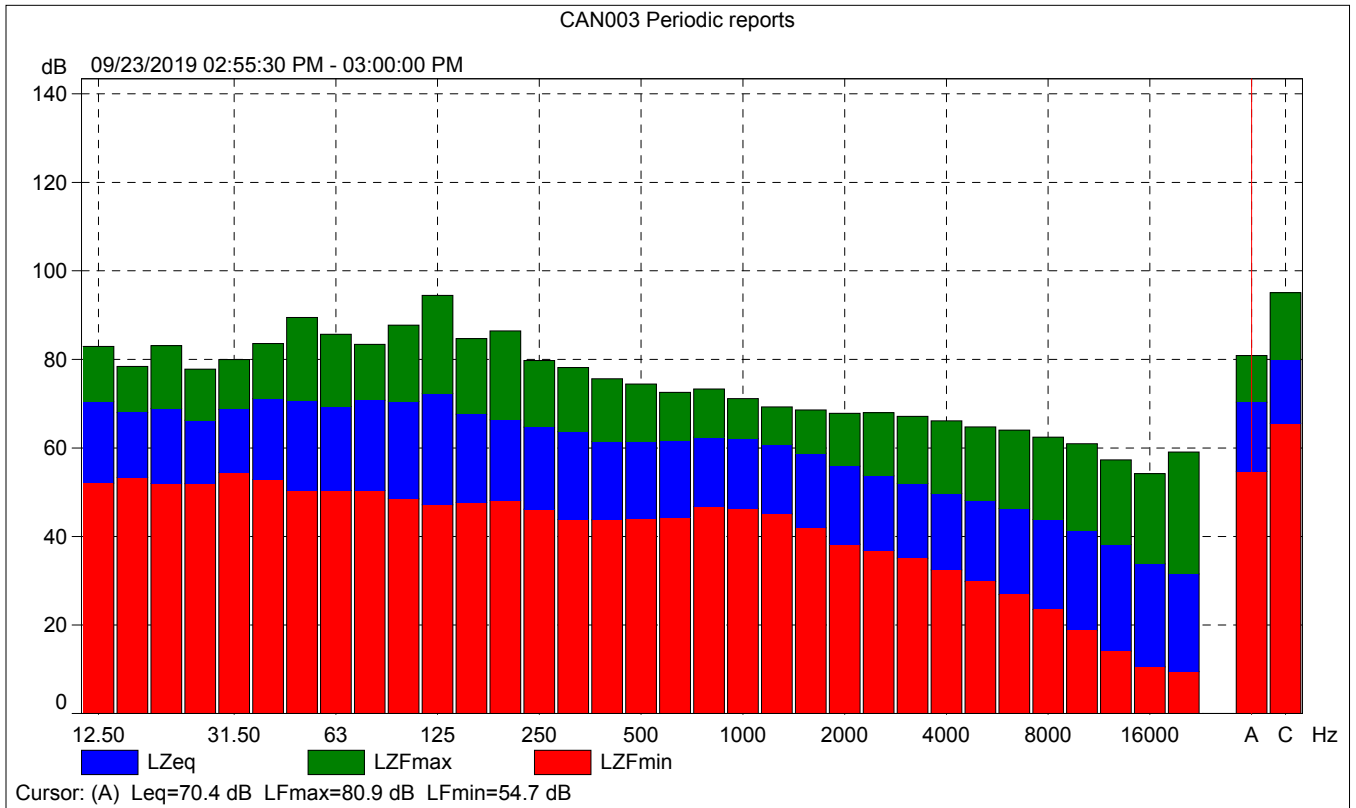
CAN003

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			73.5	73.8	71.6
Time	03:00:29 PM	0:00:01			
Date	09/23/2019				



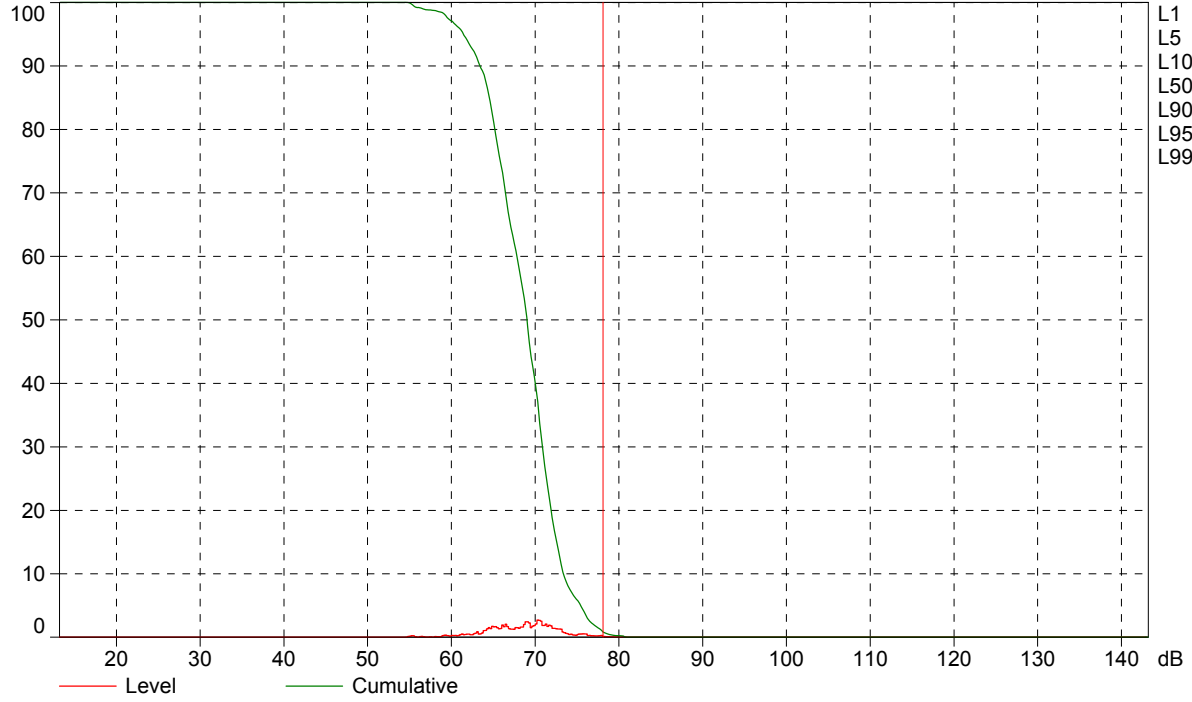
CAN003 Periodic reports

	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	71.8	80.9	54.7
Time	02:55:30 PM	0:04:30				
Date	09/23/2019					



CAN003 Periodic reports

% Based on LAF, 10ms Class width: 0.2 dB 09/23/2019 02:55:30 PM - 03:00:00 PM



Cursor: [78.0 ; 78.2] dB Level: 0.1% Cumulative: 0.8%

