



## 11.5 Noise Data

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<b>Site Number:</b> NM-1			
<b>Recorded By:</b> Tina Yuan, Winnie Woo			
<b>Job Number:</b> 188955			
<b>Date:</b> 6/30/2022			
<b>Time:</b> 8:30 a.m.			
<b>Location:</b> In front of 43214 50 <sup>th</sup> Street East			
<b>Source of Peak Noise:</b> Traffic along 50 <sup>th</sup> Street East			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
69.1	83.3	37.6	102.8

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.	<b>Duration:</b> 10 minutes			<b>Sky:</b> Clear and Windy		
	<b>Note:</b> dBA Offset = -0.03			<b>Sensor Height (ft):</b> 5 ft		
	<b>Wind Ave Speed (mph / m/s)</b>		<b>Temperature (degrees Fahrenheit)</b>		<b>Barometer Pressure (inches)</b>	
	9 to 14		90.9		29.95	

**Photo of Measurement Location**





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		06/30/2022 08:30:07
End Time:		06/30/2022 08:40:07
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.14

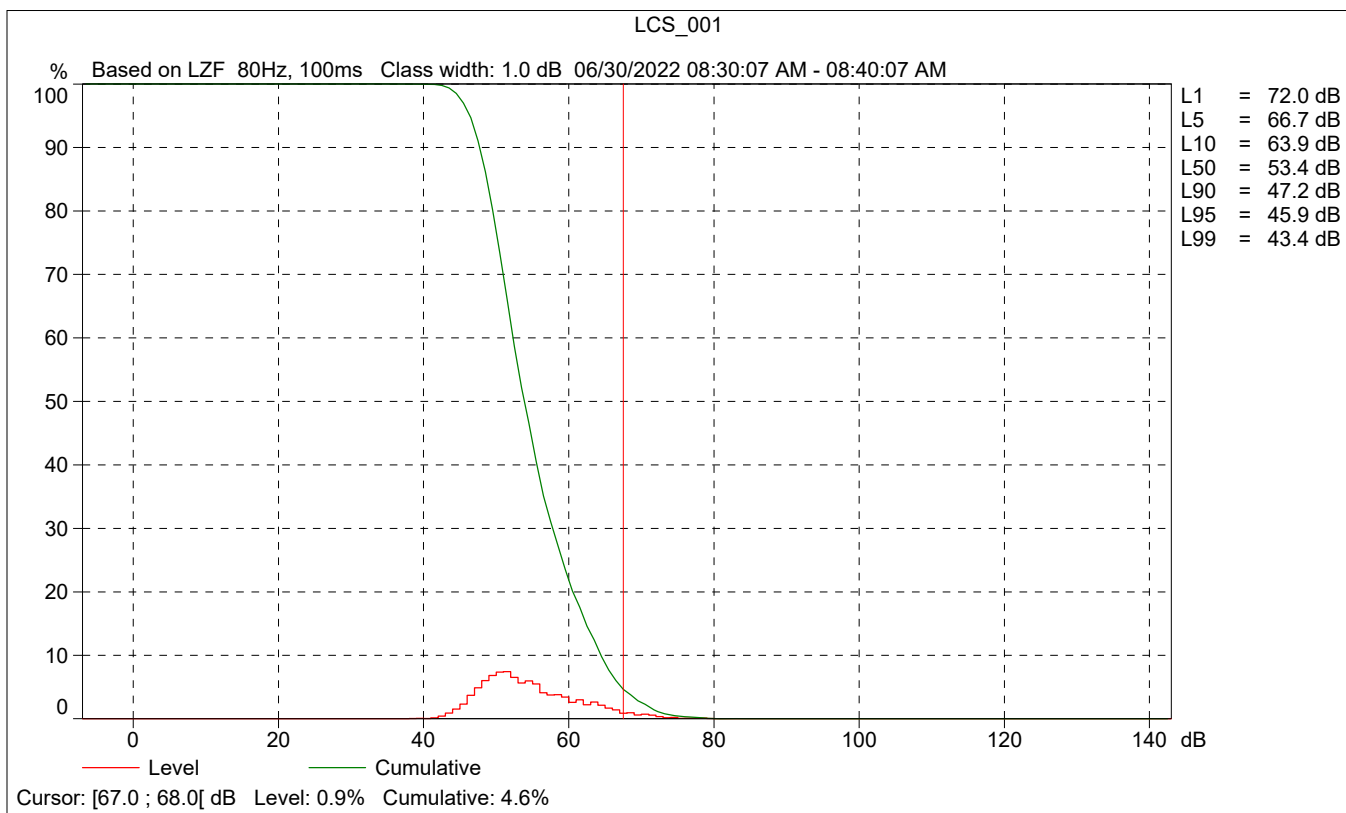
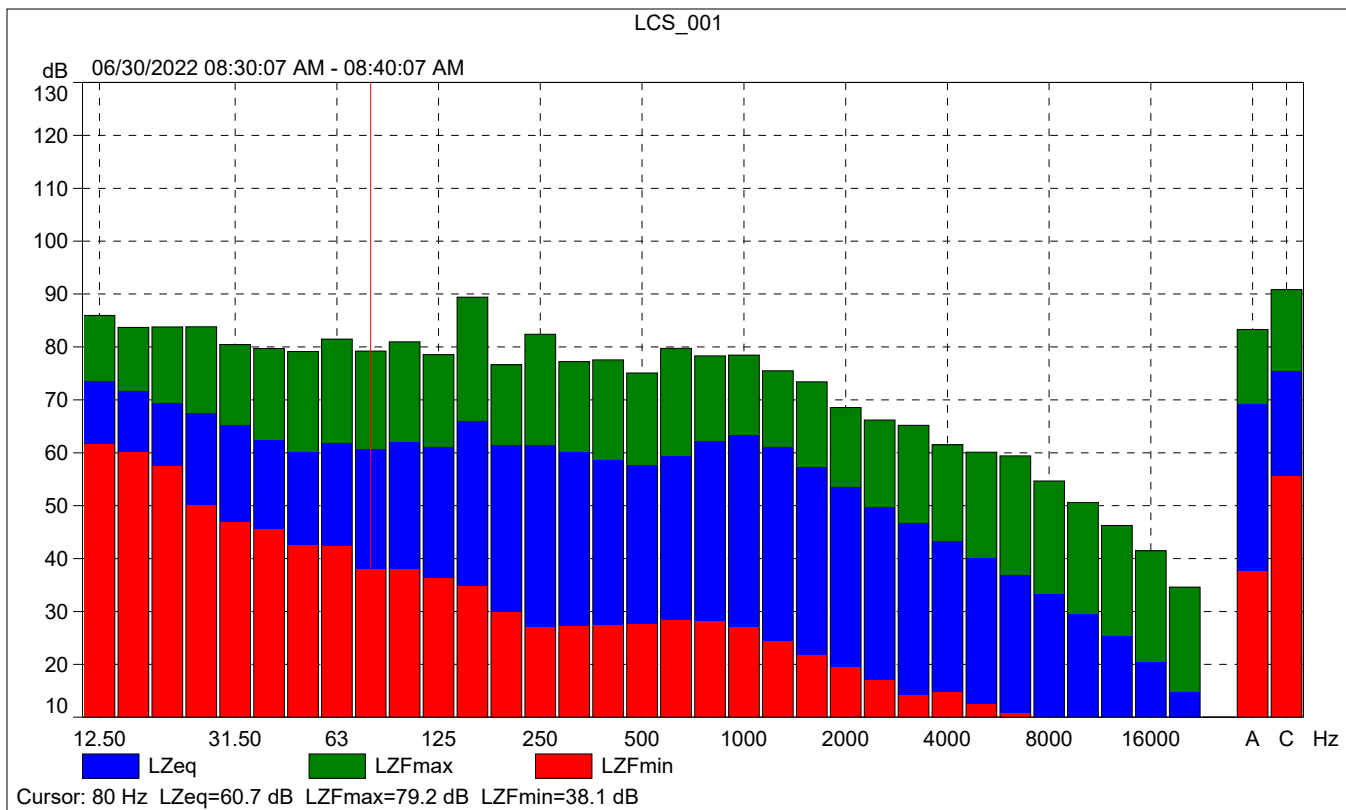
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

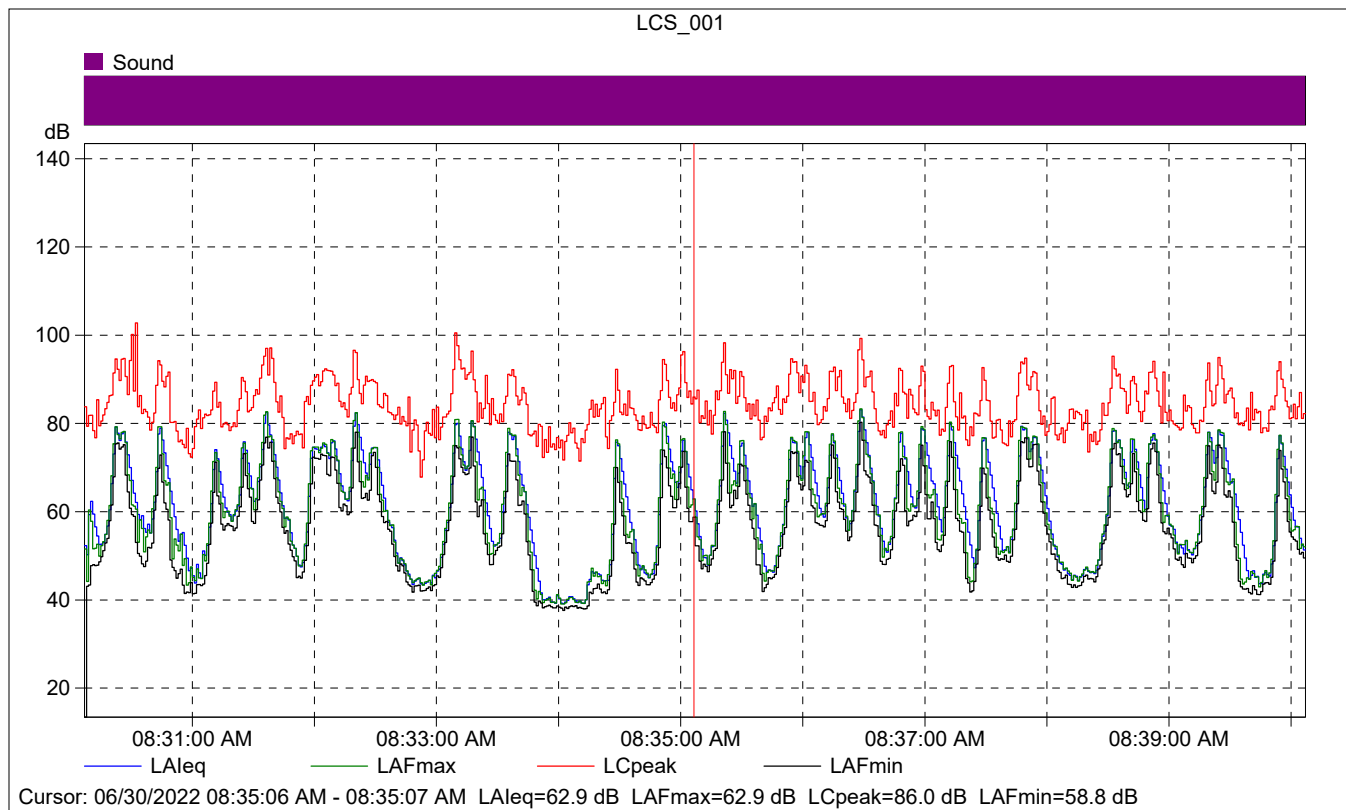
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		06/30/2022 05:40:54
Calibration Type:		External reference
Sensitivity:		43.5336418449879 mV/Pa

LCS\_001

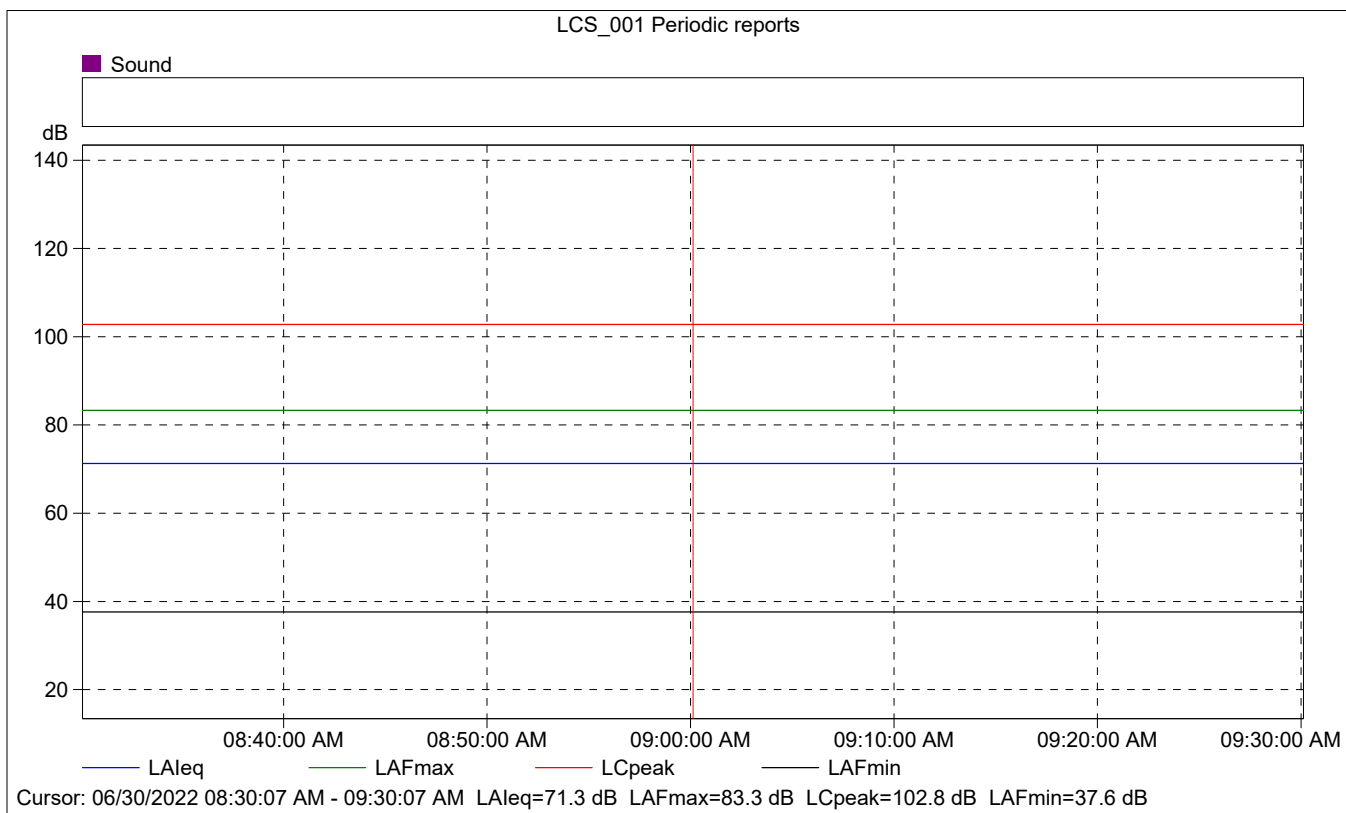
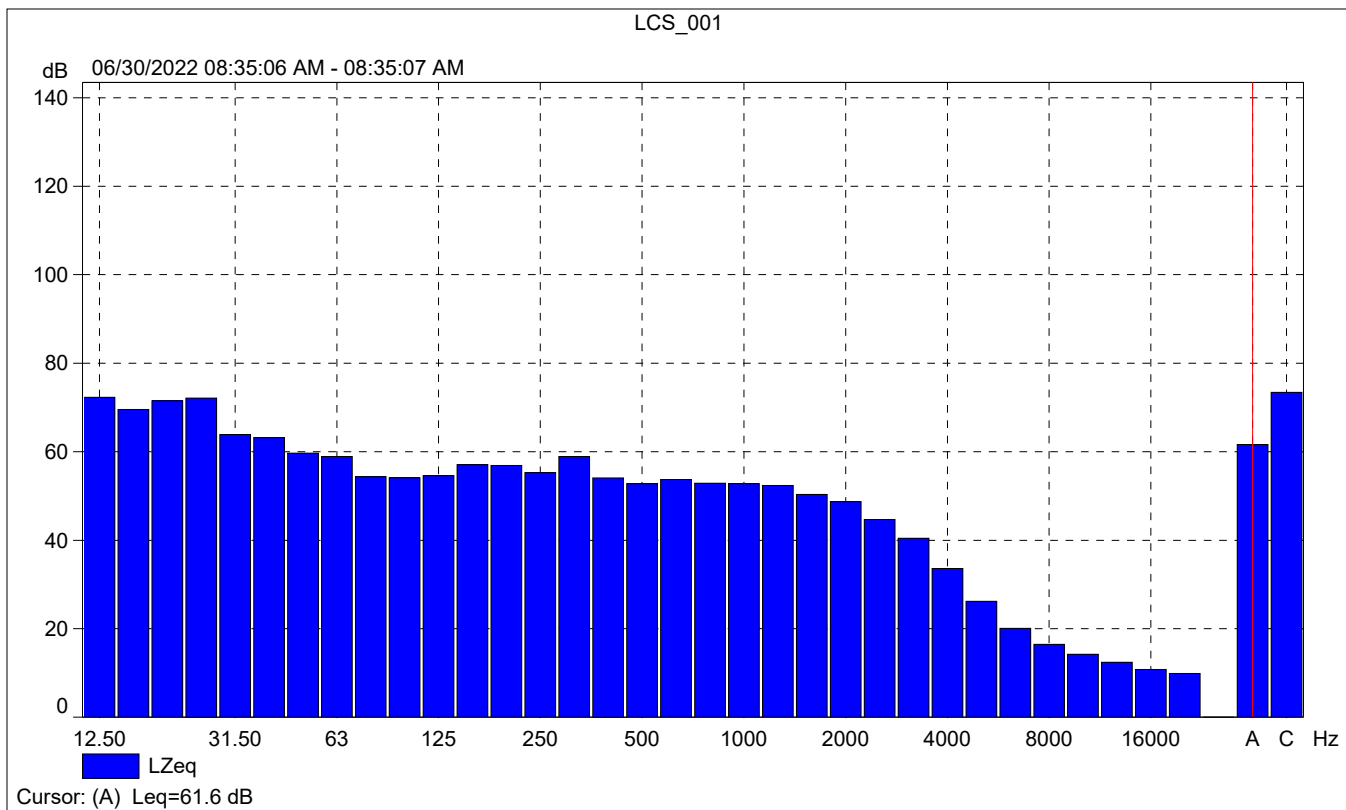
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	69.1	83.3	37.6
Time	08:30:07 AM	08:40:07 AM	0:10:00				
Date	06/30/2022	06/30/2022					





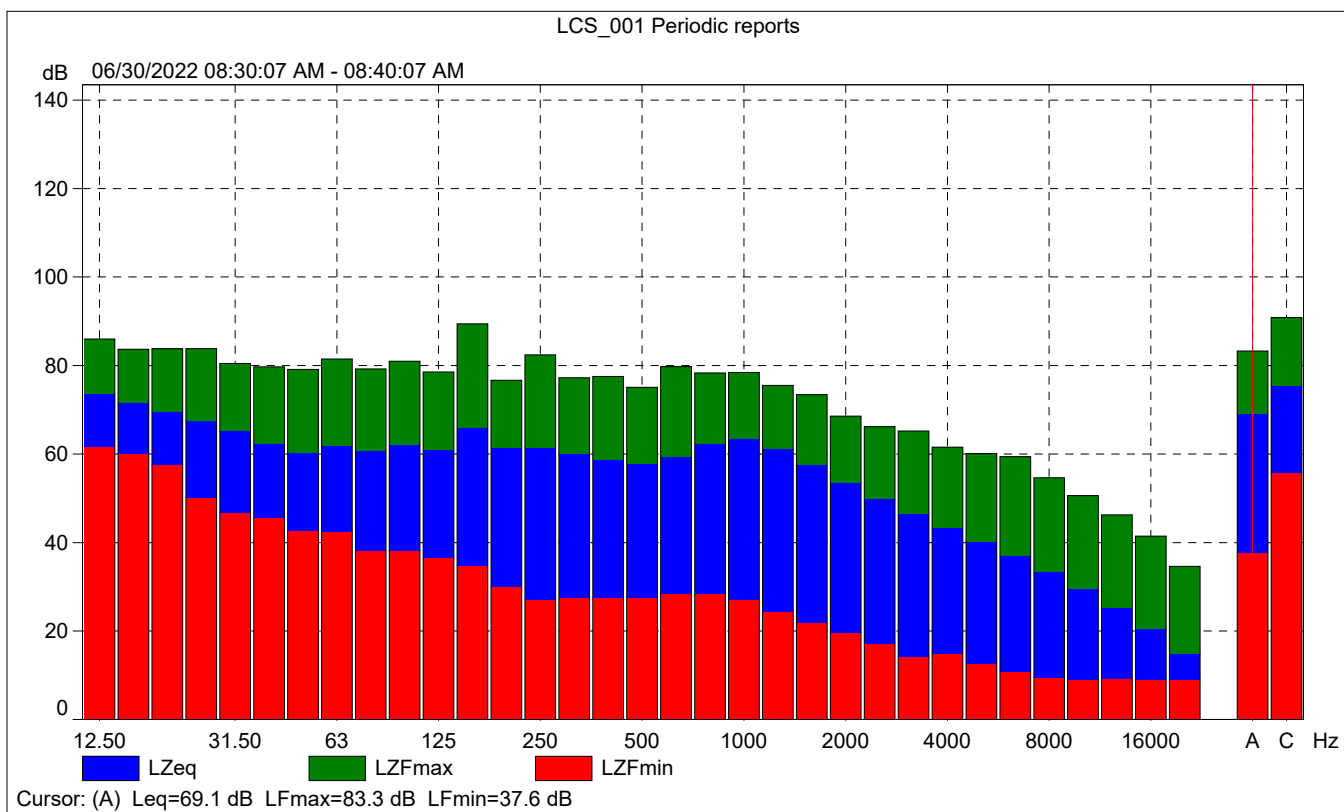
### LCS\_001

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			62.9	62.9	58.8
Time	08:35:06 AM	0:00:01			
Date	06/30/2022				



# LCS\_001 Periodic reports

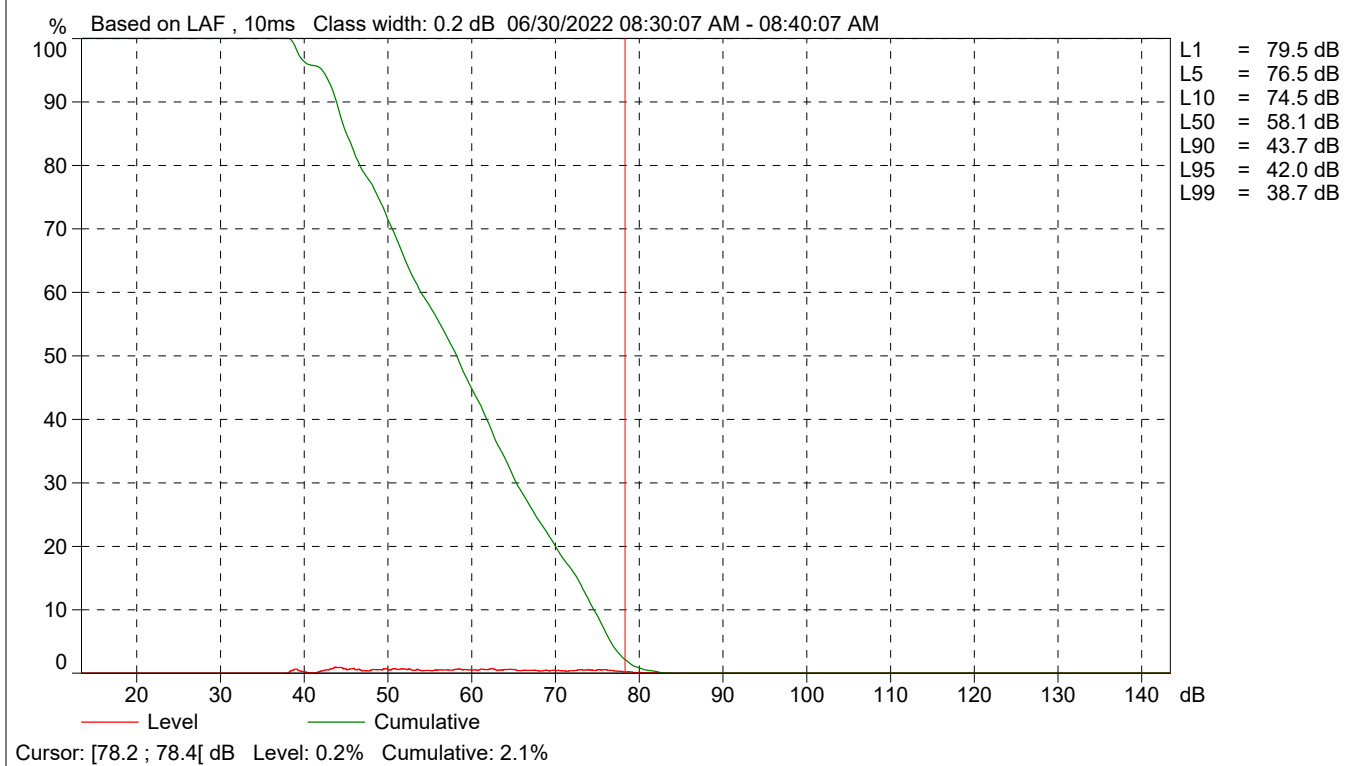
	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	71.3	83.3	37.6
Time	08:30:07 AM	0:10:00				
Date	06/30/2022					







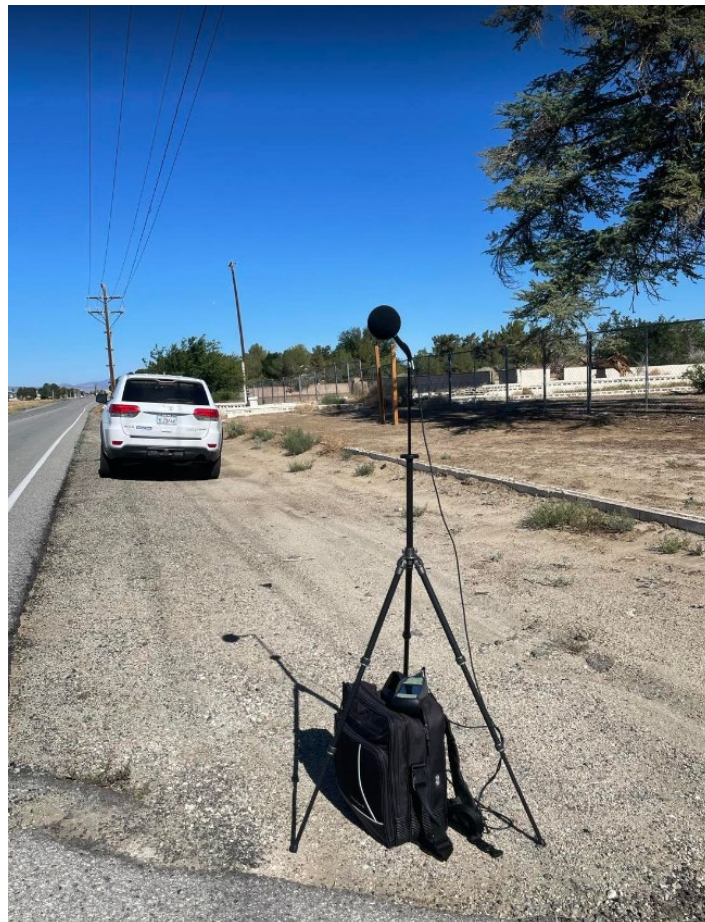
LCS\_001 Periodic reports



<b>Site Number:</b> NM-2			
<b>Recorded By:</b> Tina Yuan, Winnie Woo			
<b>Job Number:</b> 188955			
<b>Date:</b> 6/30/2022			
<b>Time:</b> 8:40 a.m.			
<b>Location:</b> In front of driveway for 3819 East Avenue K			
<b>Source of Peak Noise:</b> Traffic along East Avenue K			
Noise Data			
<b>Leq (dB)</b>	<b>Lmax(dB)</b>	<b>Lmin (dB)</b>	<b>Peak (dB)</b>
67.9	82.0	39.5	102.2

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.	<b>Duration:</b> 10 minutes			<b>Sky:</b> Clear and Windy		
	<b>Note:</b> dBA Offset = -0.03			<b>Sensor Height (ft):</b> 5 ft		
	<b>Wind Ave Speed (mph / m/s)</b>		<b>Temperature (degrees Fahrenheit)</b>		<b>Barometer Pressure (inches)</b>	
	9 to 14		90.9		29.95	

**Photo of Measurement Location**





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		06/30/2022 08:52:16
End Time:		06/30/2022 09:02:16
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.14

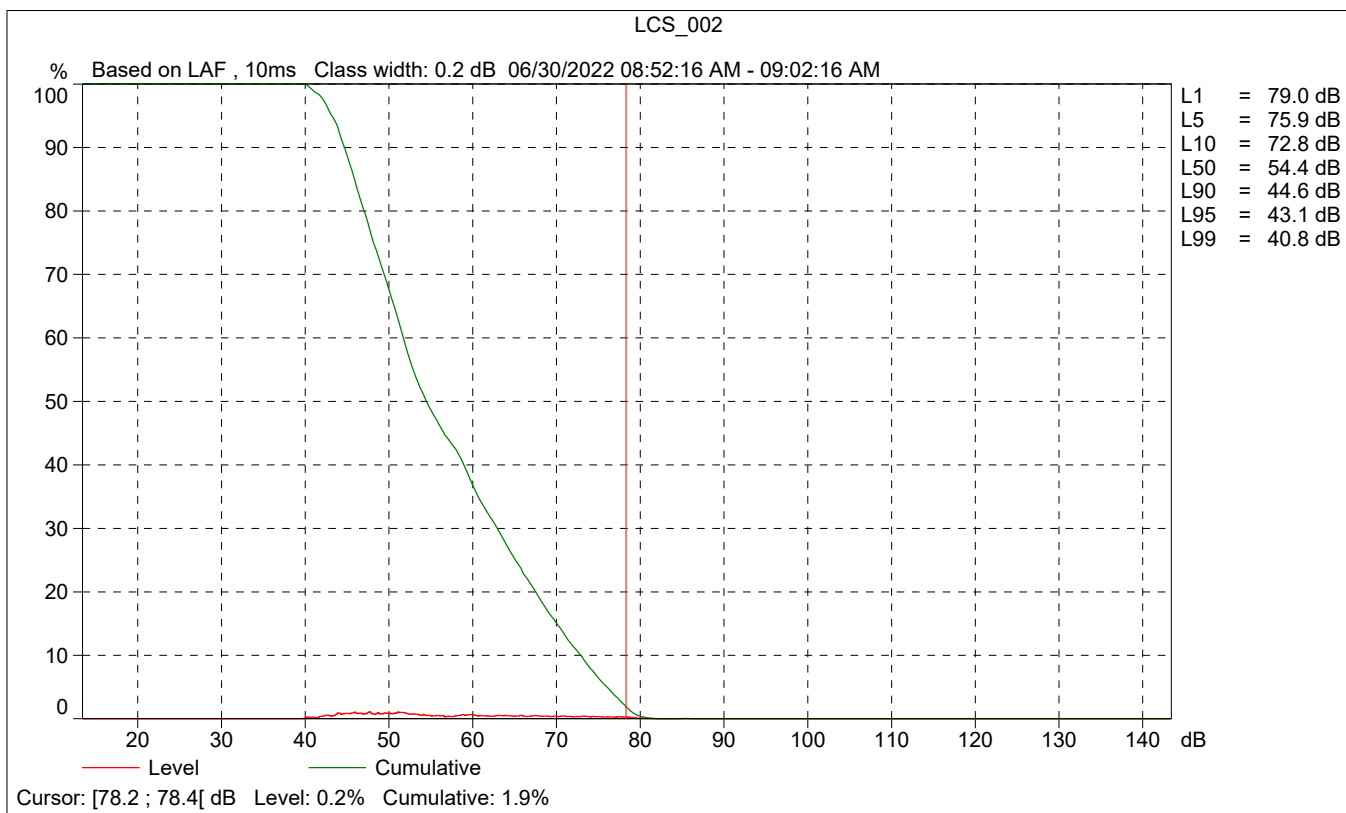
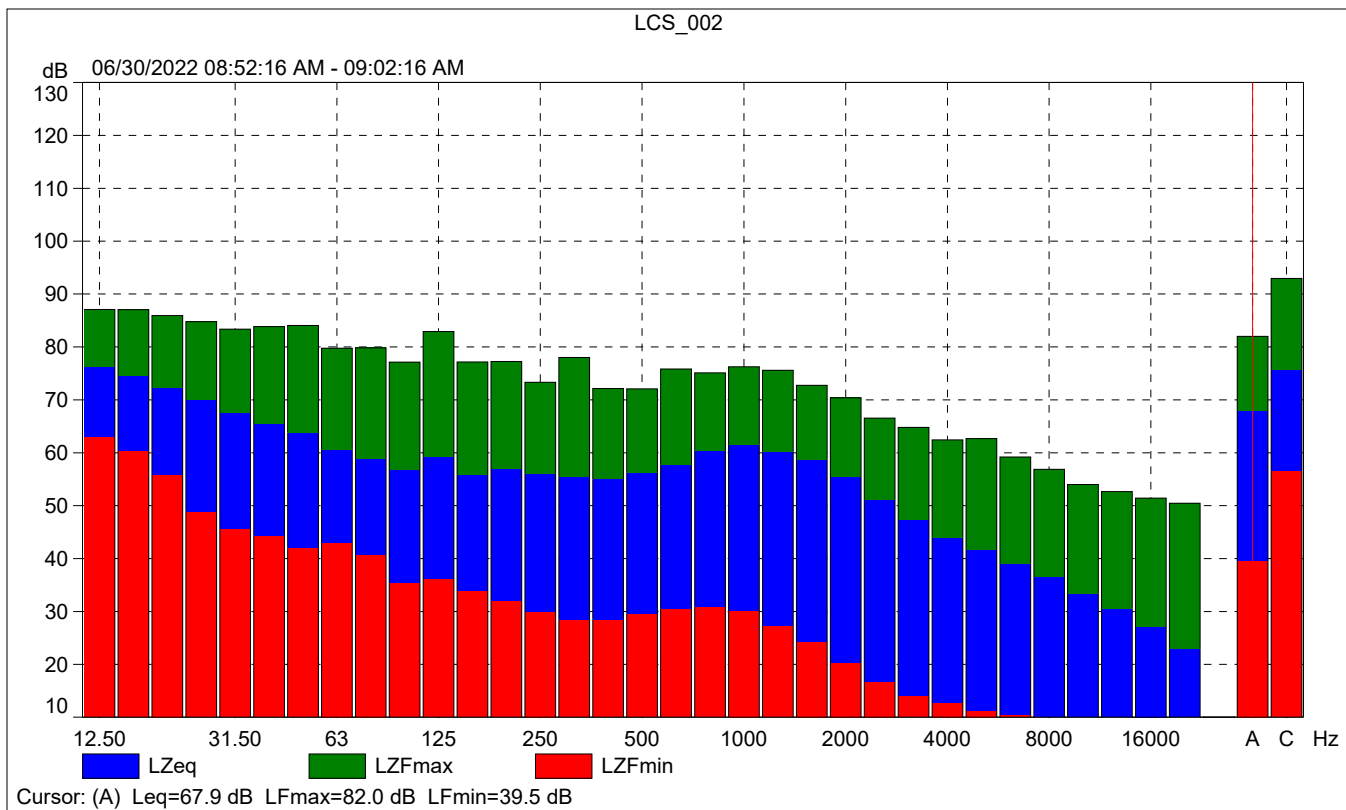
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

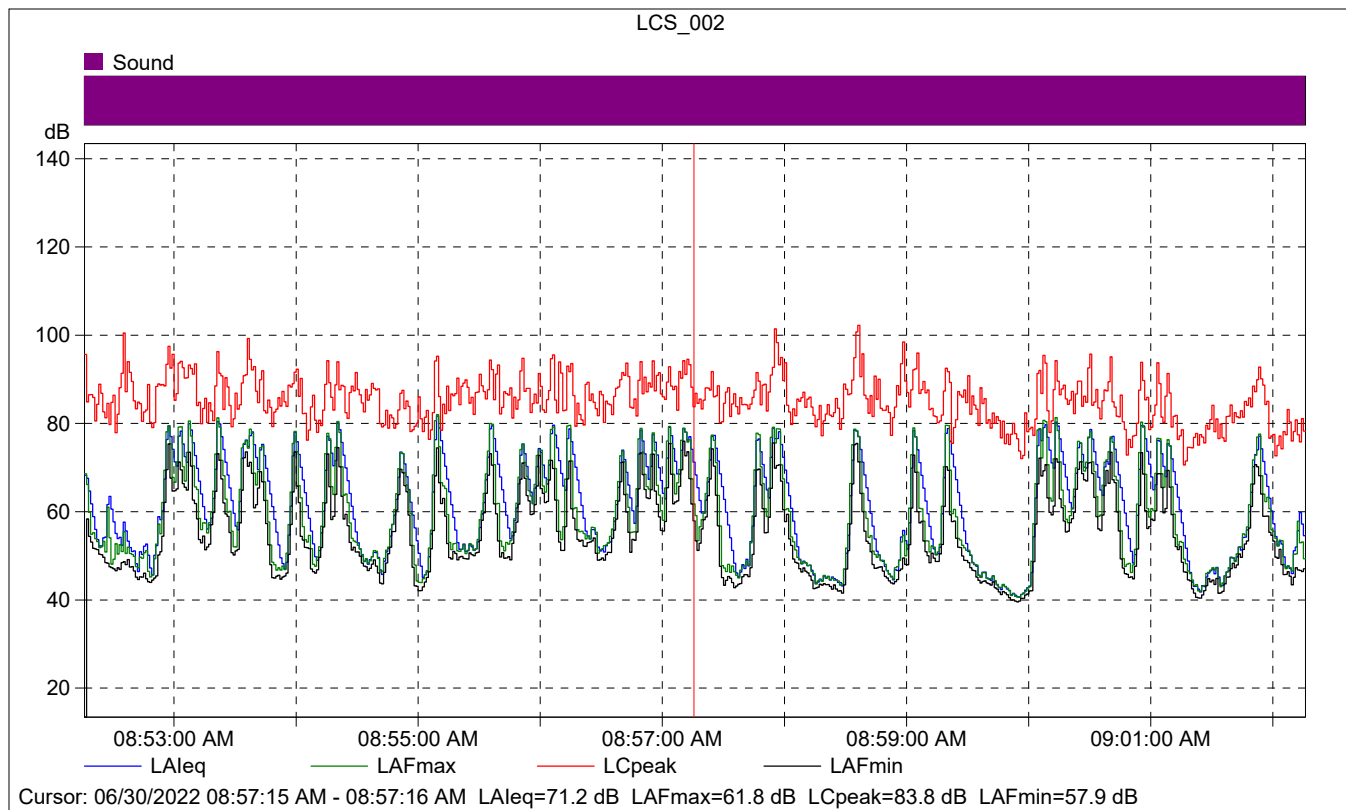
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		06/30/2022 05:40:54
Calibration Type:		External reference
Sensitivity:		43.5336418449879 mV/Pa

LCS\_002

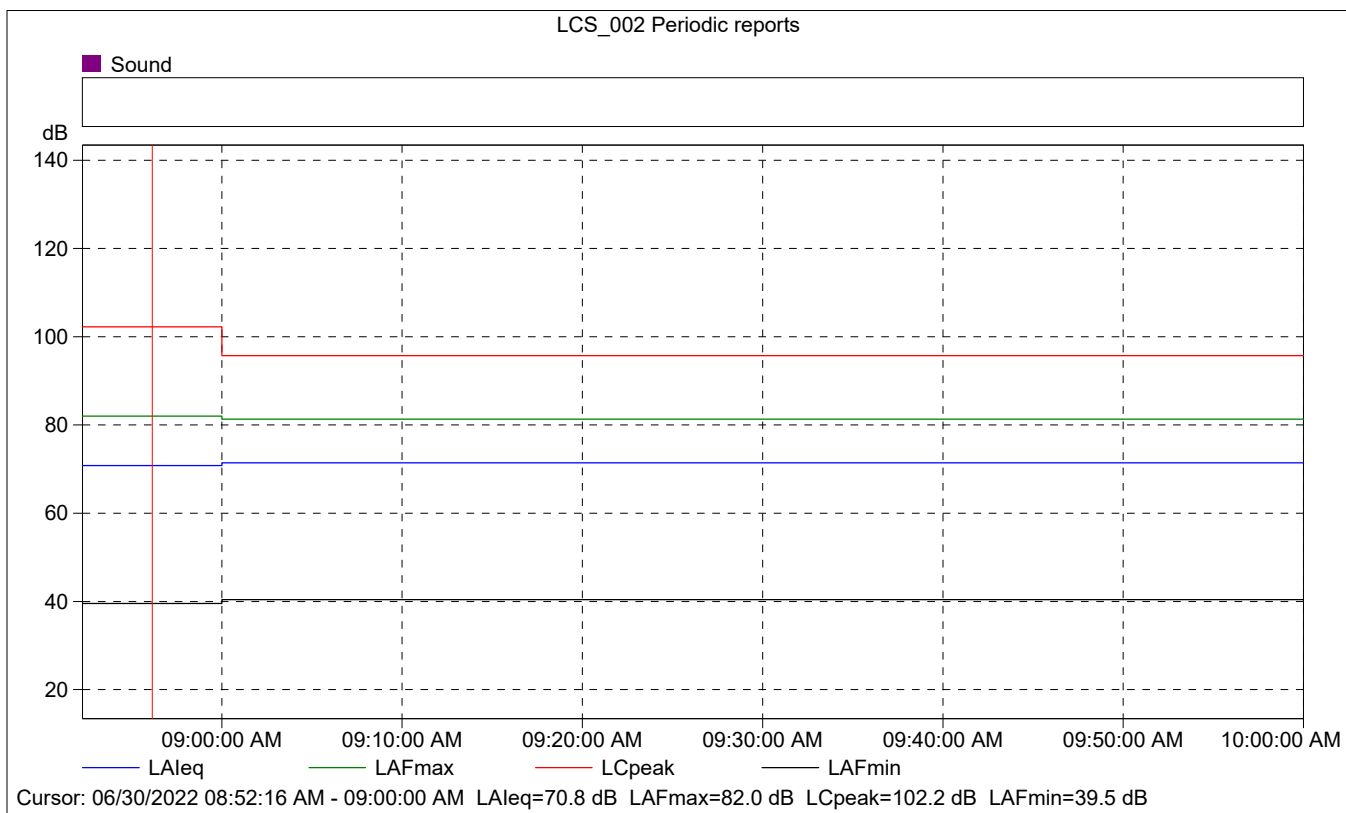
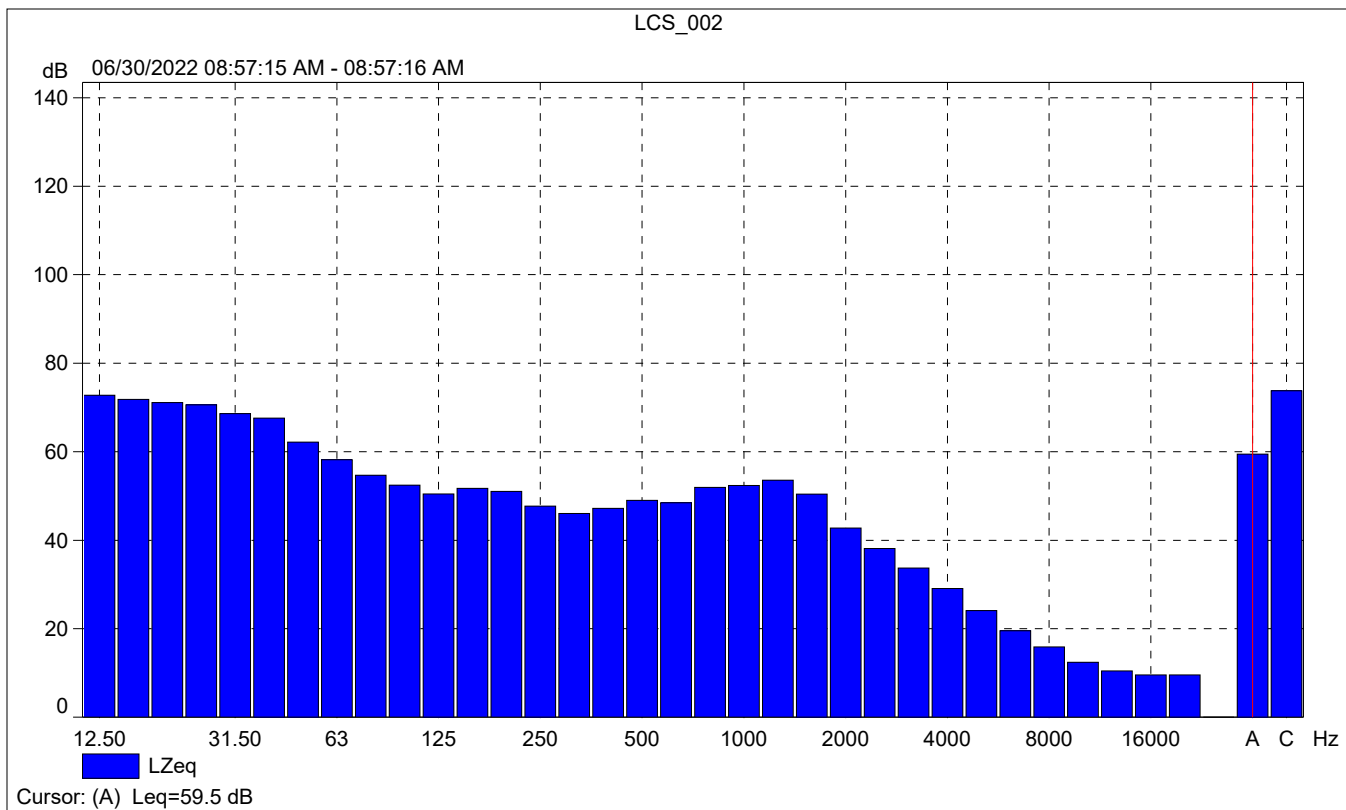
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	67.9	82.0	39.5
Time	08:52:16 AM	09:02:16 AM	0:10:00				
Date	06/30/2022	06/30/2022					





### LCS\_002

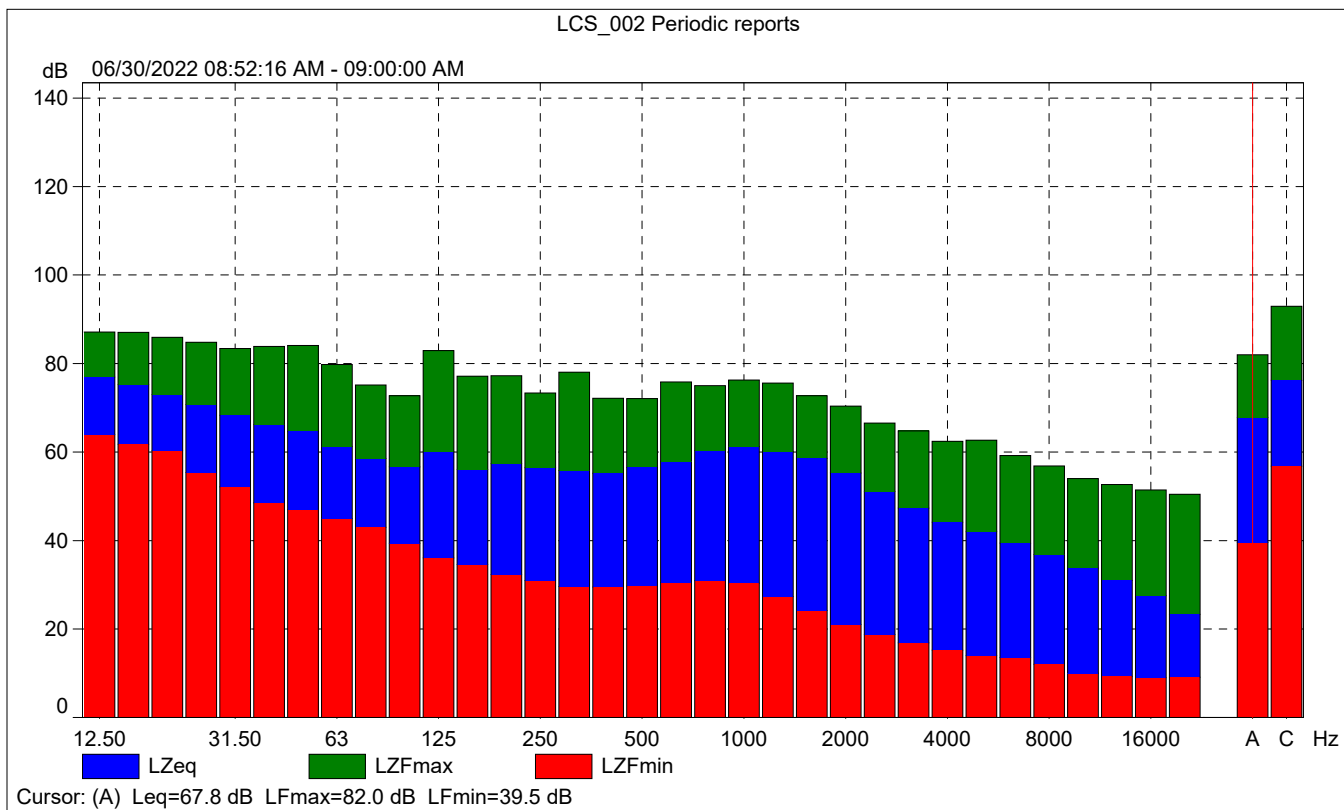
	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			71.2	61.8	57.9
Time	08:57:15 AM	0:00:01			
Date	06/30/2022				





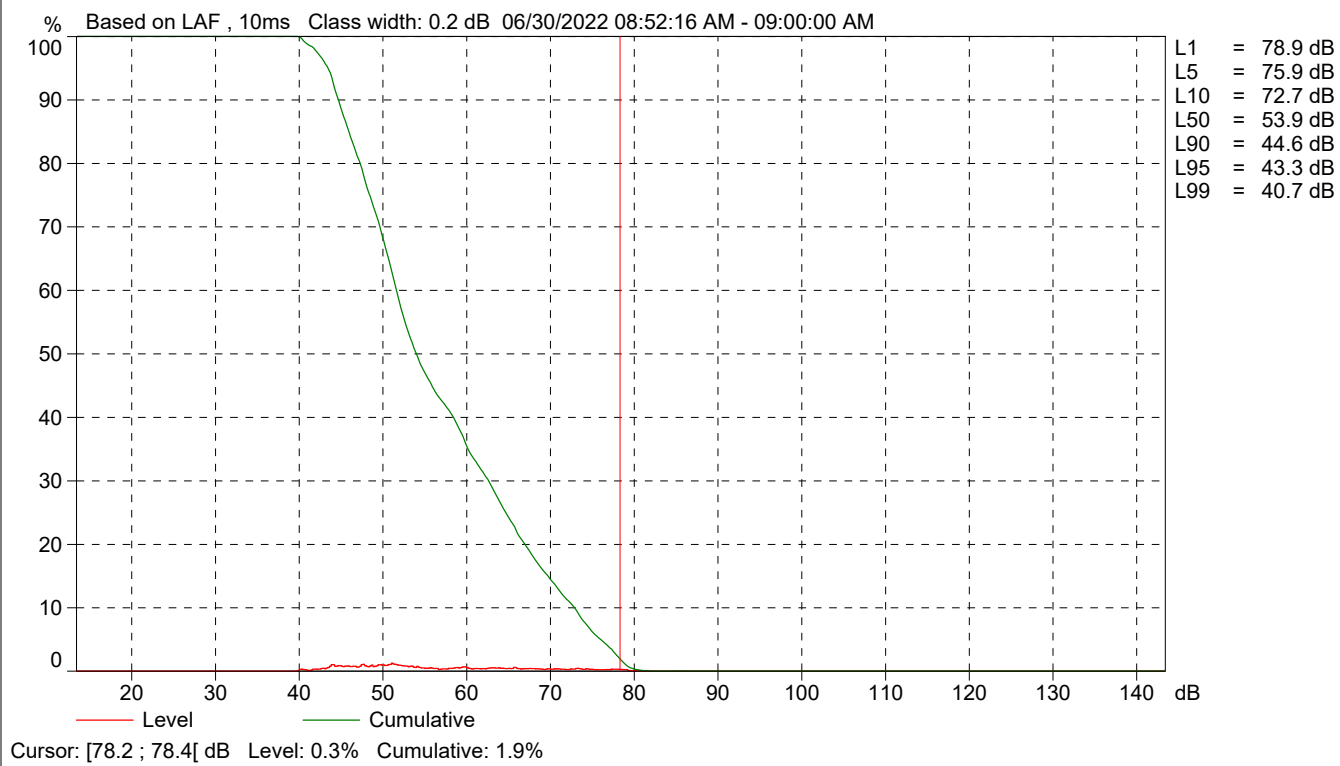
### LCS\_002 Periodic reports

	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	70.8	82.0	39.5
Time	08:52:16 AM	0:07:44				
Date	06/30/2022					





LCS\_002 Periodic reports





<b>Site Number:</b> NM-3			
<b>Recorded By:</b> Tina Yuan, Winnie Woo			
<b>Job Number:</b> 188955			
<b>Date:</b> 6/30/2022			
<b>Time:</b> 9:31 a.m.			
<b>Location:</b> Southwest corner of 42 <sup>nd</sup> Street East and East Lancaster Boulevard			
<b>Source of Peak Noise:</b> Traffic along East Lancaster Boulevard			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
63.8	86.5	38.7	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.	<b>Duration:</b> 10 minutes			<b>Sky:</b> Clear and Windy		
	<b>Note:</b> dBA Offset = -0.03			<b>Sensor Height (ft):</b> 5 ft		
	<b>Wind Ave Speed (mph / m/s)</b>		<b>Temperature (degrees Fahrenheit)</b>		<b>Barometer Pressure (inches)</b>	
	9 to 14		90.9		29.95	

**Photo of Measurement Location**





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		06/30/2022 09:31:44
End Time:		06/30/2022 09:41:44
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.14

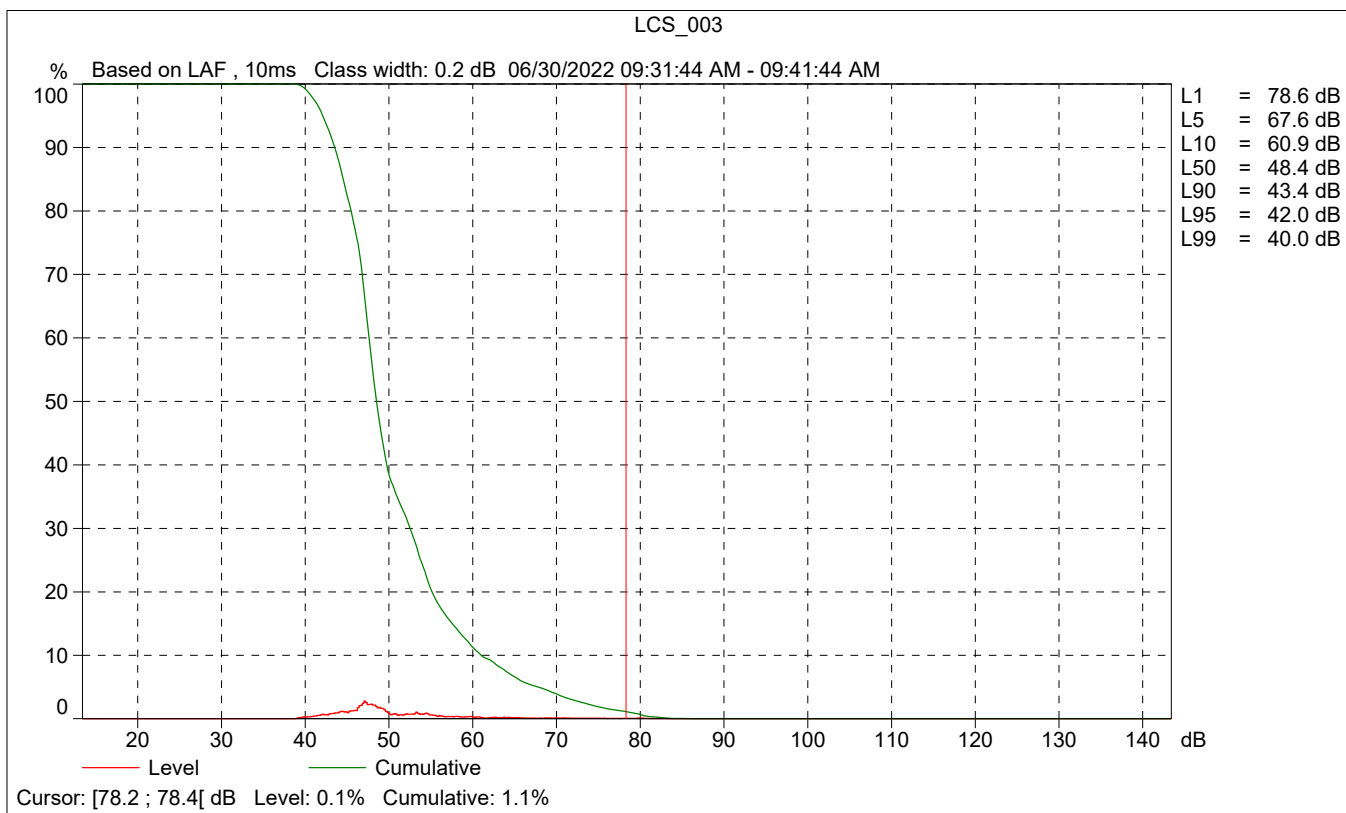
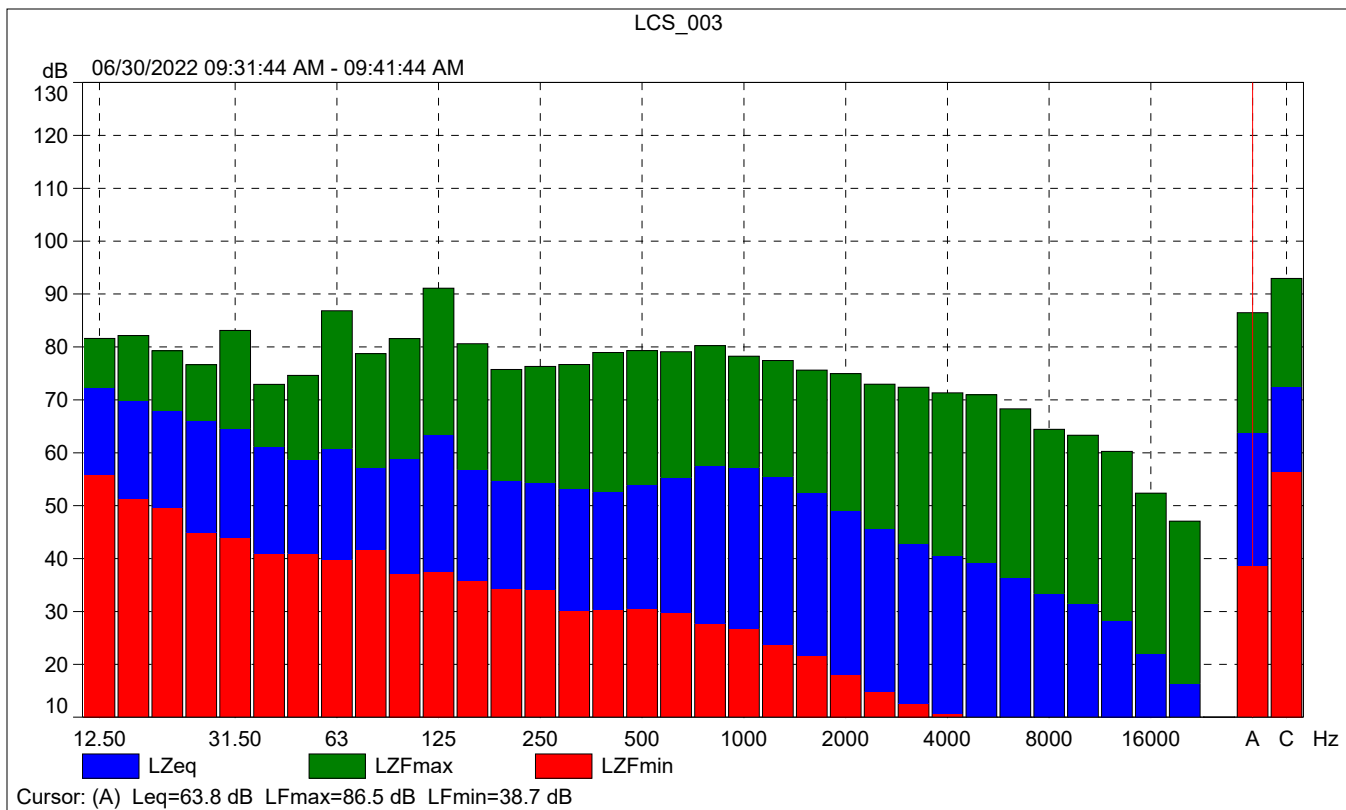
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

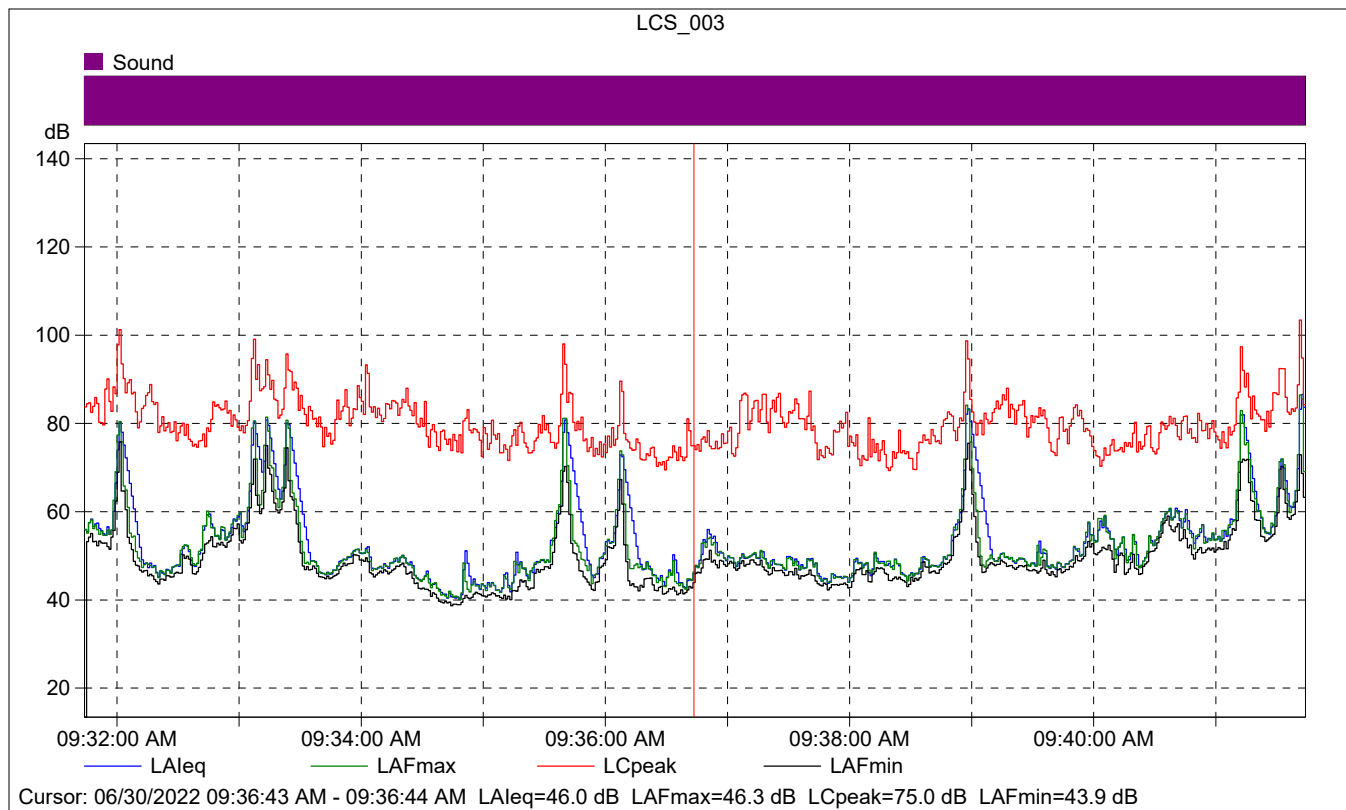
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		06/30/2022 05:40:54
Calibration Type:		External reference
Sensitivity:		43.5336418449879 mV/Pa

LCS\_003

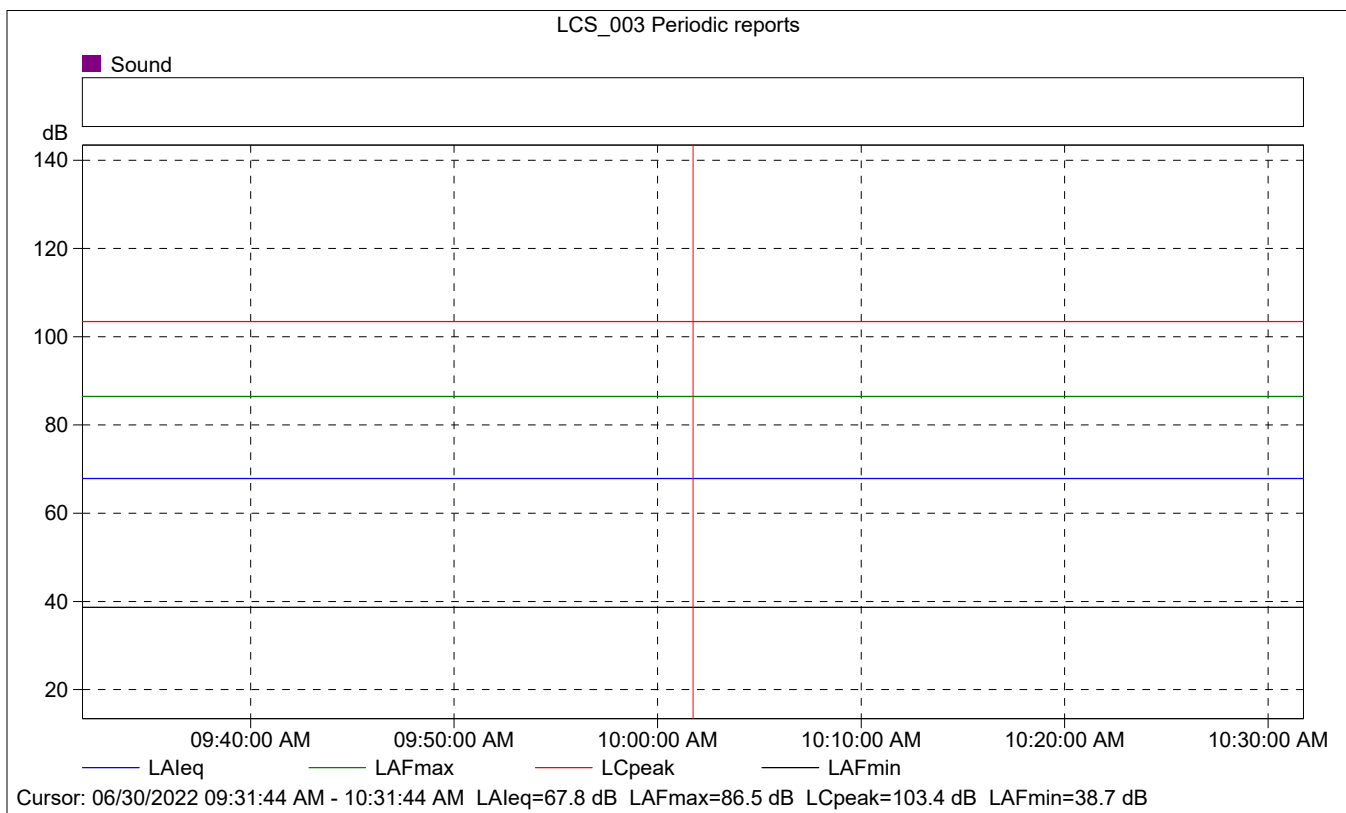
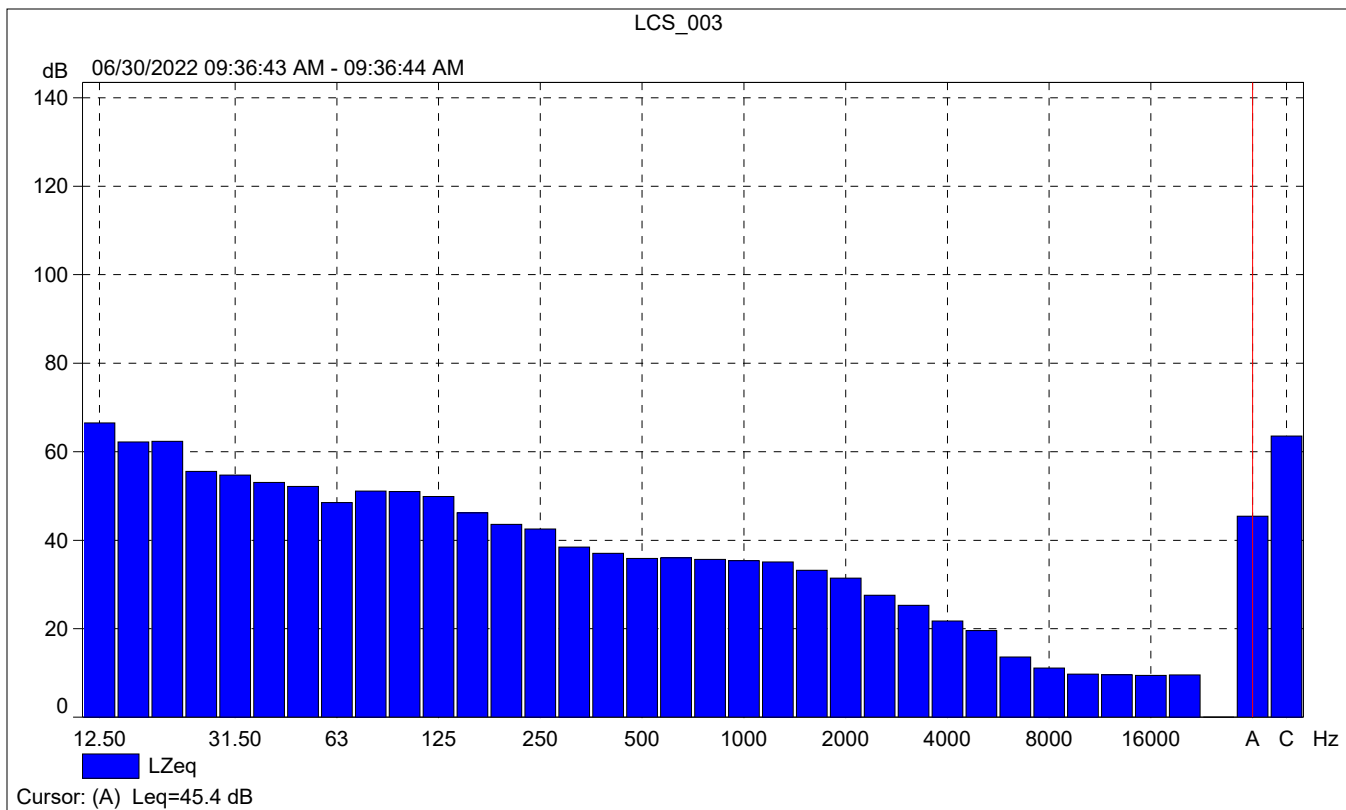
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	63.8	86.5	38.7
Time	09:31:44 AM	09:41:44 AM	0:10:00				
Date	06/30/2022	06/30/2022					





### LCS\_003

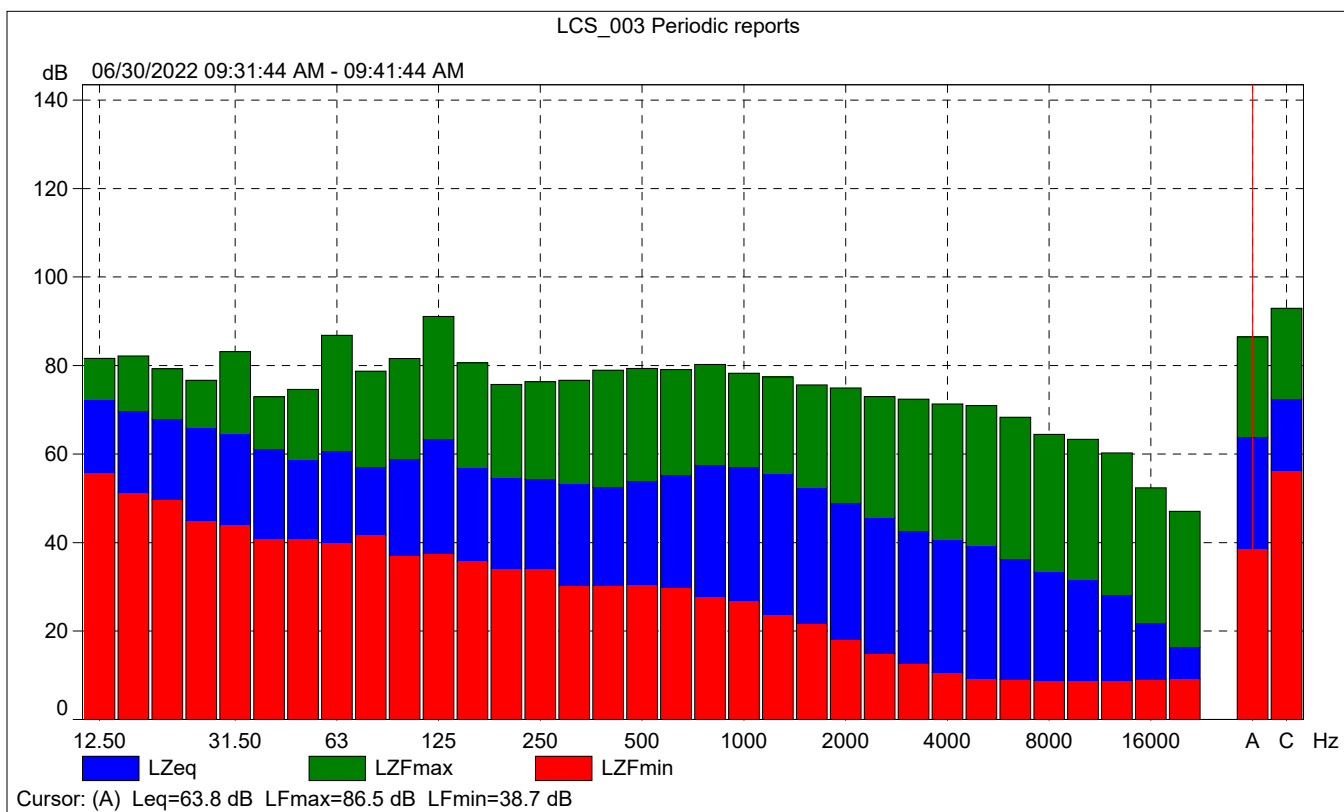
	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			46.0	46.3	43.9
Time	09:36:43 AM	0:00:01			
Date	06/30/2022				





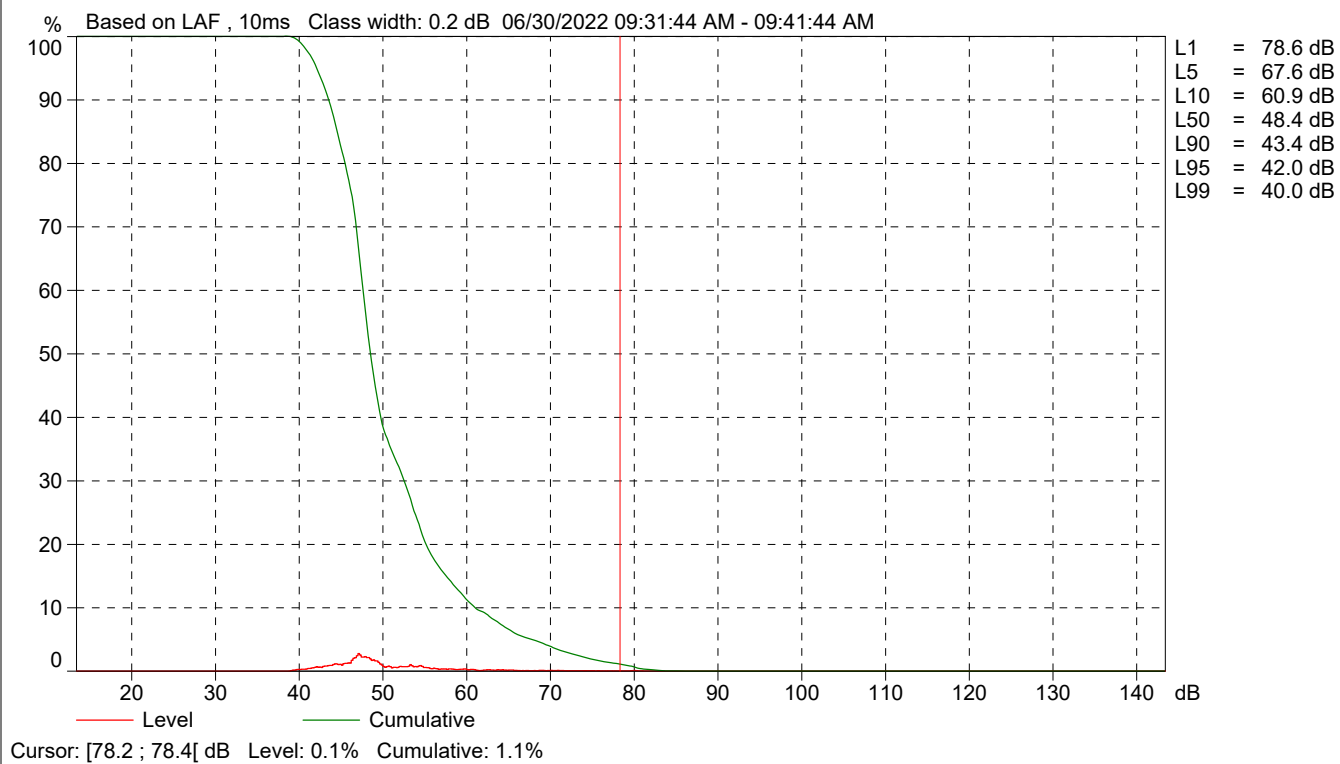
### LCS\_003 Periodic reports

	Start time	Elapsed time	Overload [%]	LAAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	67.8	86.5	38.7
Time	09:31:44 AM	0:10:00				
Date	06/30/2022					





LCS\_003 Periodic reports



<b>Site Number:</b> NM-4			
<b>Recorded By:</b> Tina Yuan, Winnie Woo			
<b>Job Number:</b> 188955			
<b>Date:</b> 6/30/2022			
<b>Time:</b> 9:56 a.m.			
<b>Location:</b> Northeast corner of East Avenue J 8 and 90 <sup>th</sup> Street East			
<b>Source of Peak Noise:</b> Traffic along 90 <sup>th</sup> Street East			
Noise Data			
<b>Leq (dB)</b>	<b>Lmax(dB)</b>	<b>Lmin (dB)</b>	<b>Peak (dB)</b>
65.9	88.4	31.0	103.3

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.	<b>Duration:</b> 10 minutes			<b>Sky:</b> Clear and Windy		
	<b>Note:</b> dBA Offset = -0.03			<b>Sensor Height (ft):</b> 5 ft		
	<b>Wind Ave Speed (mph / m/s)</b>		<b>Temperature (degrees Fahrenheit)</b>		<b>Barometer Pressure (inches)</b>	
	9 to 14		90.9		29.95	

**Photo of Measurement Location**







2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		06/30/2022 09:56:27
End Time:		06/30/2022 10:06:27
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.14

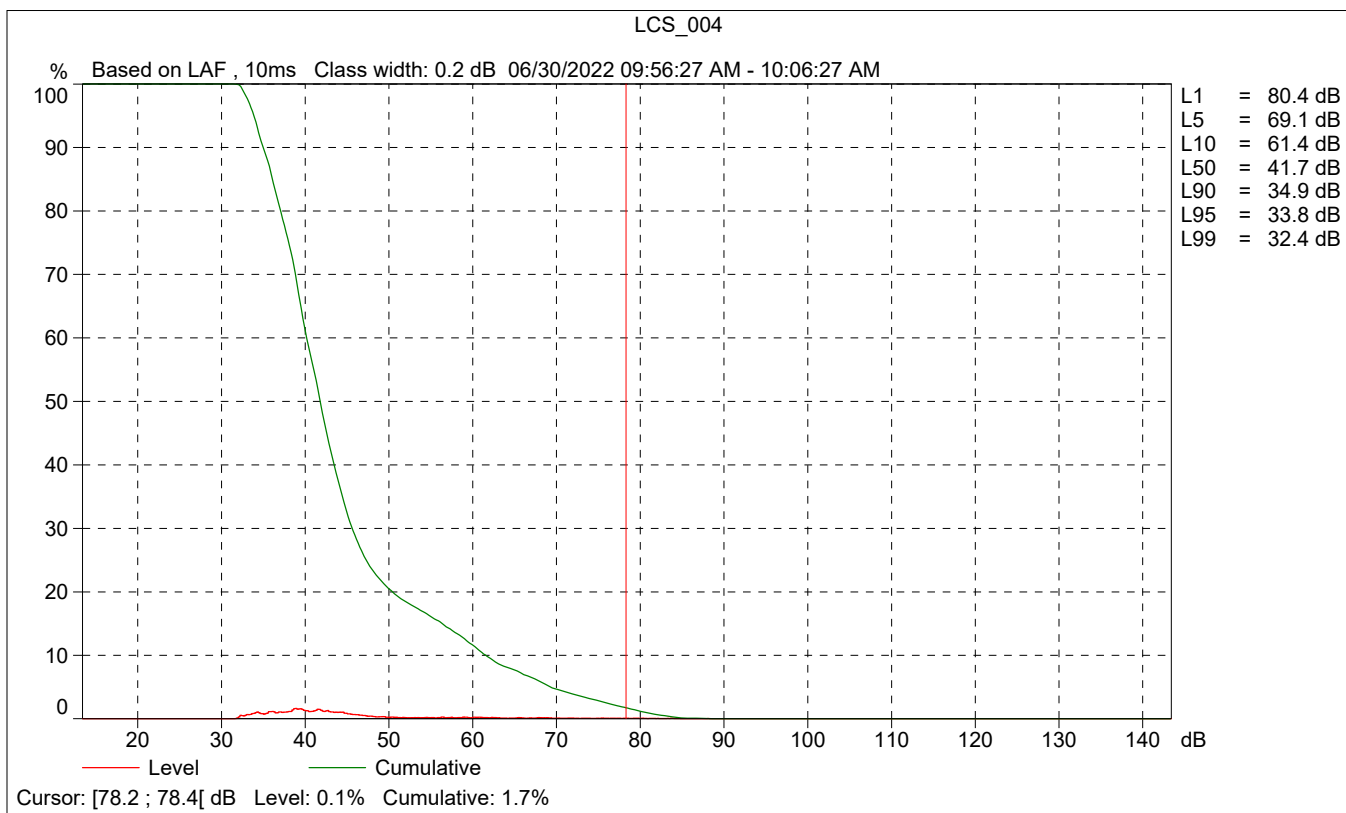
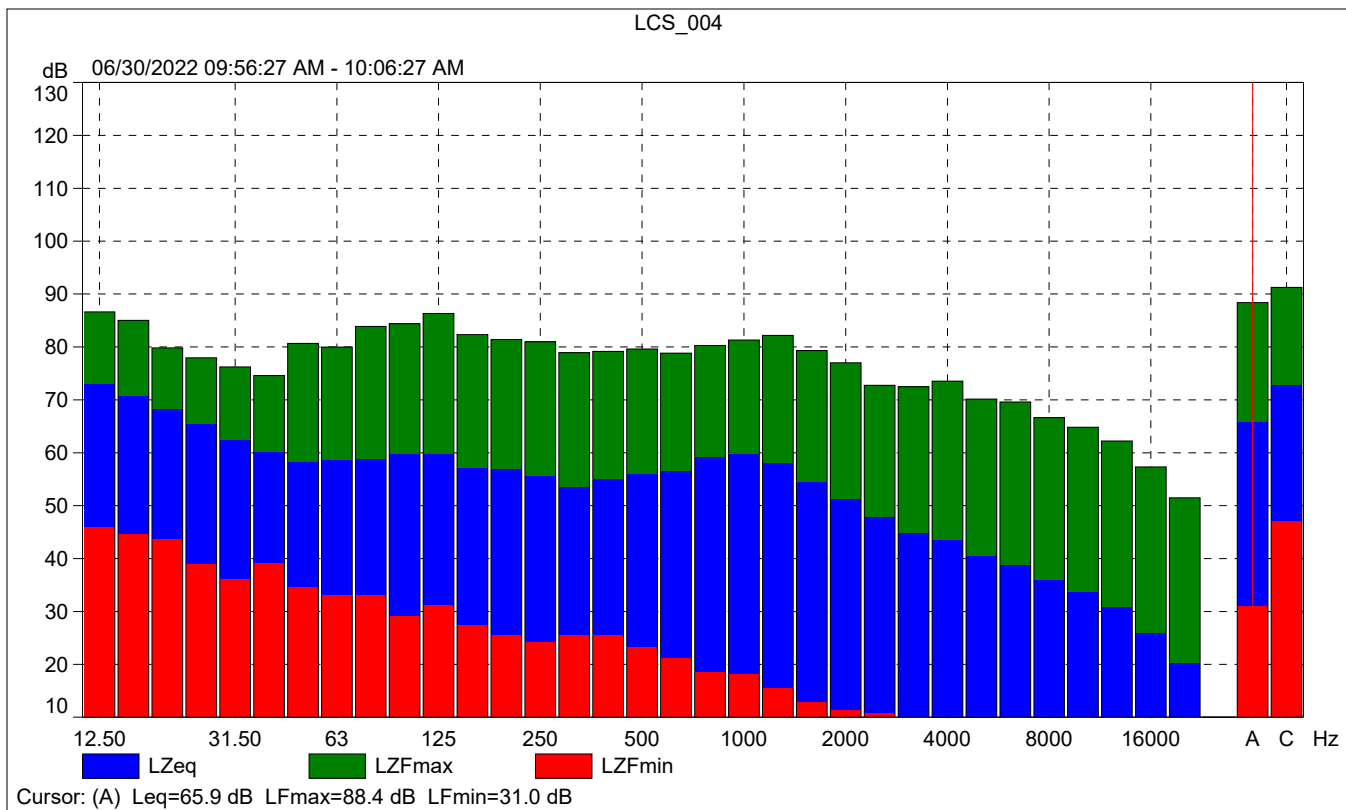
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

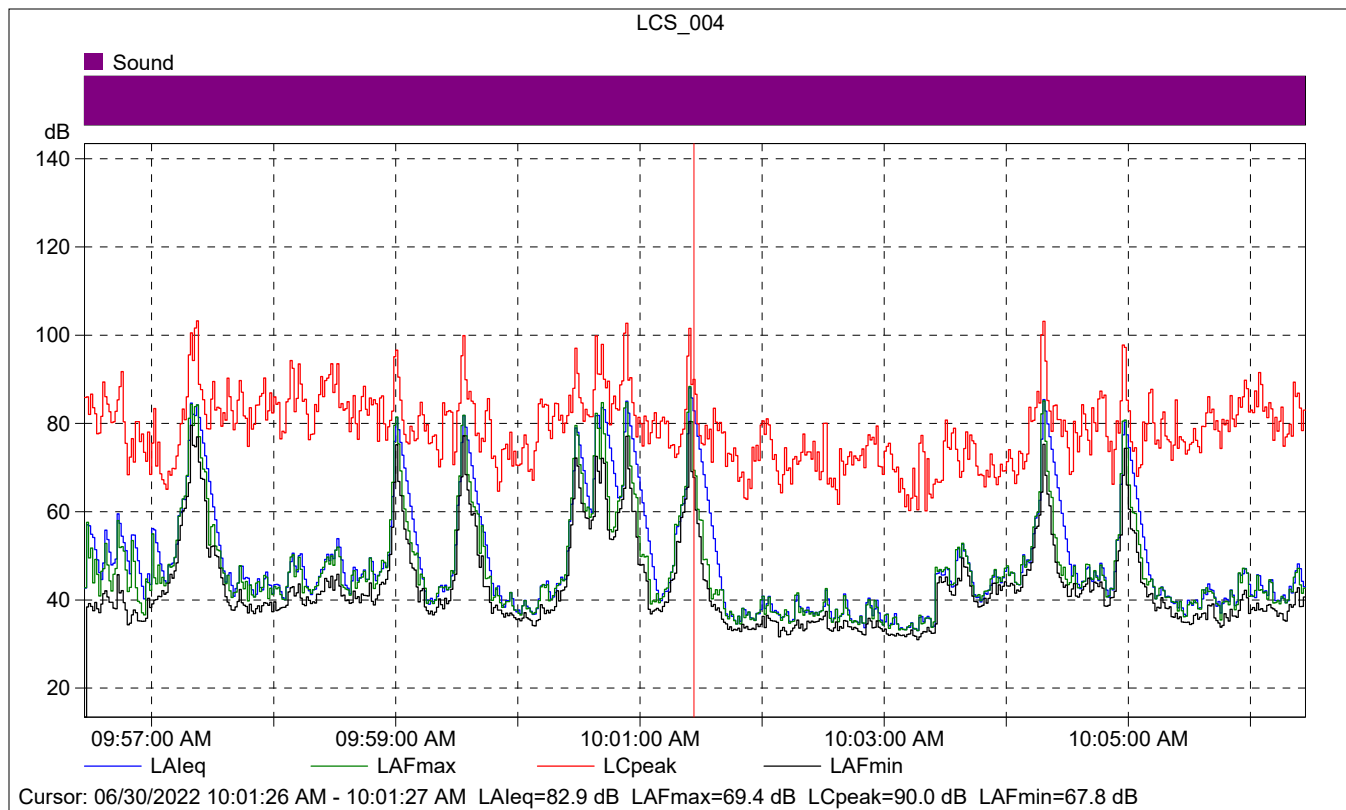
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		06/30/2022 05:40:54
Calibration Type:		External reference
Sensitivity:		43.5336418449879 mV/Pa

LCS\_004

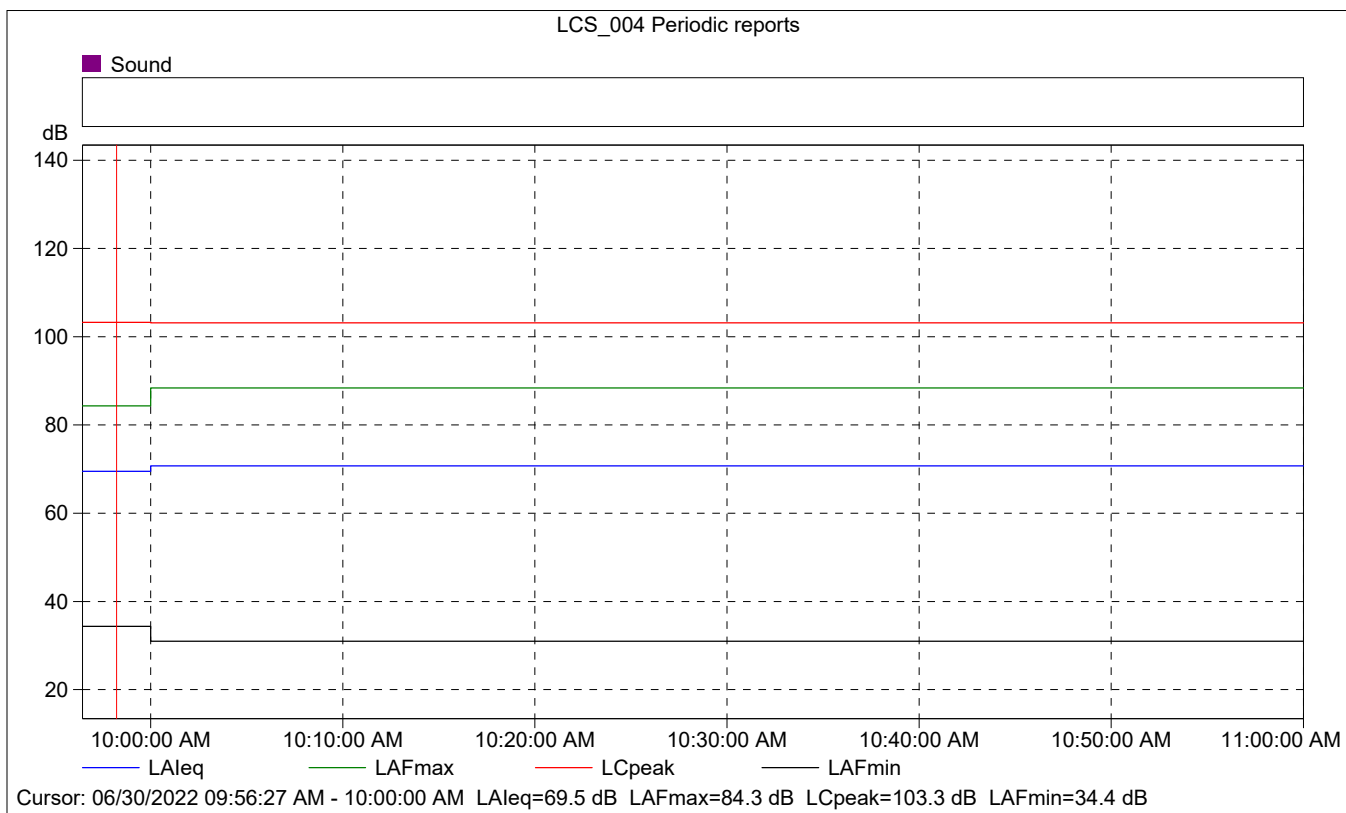
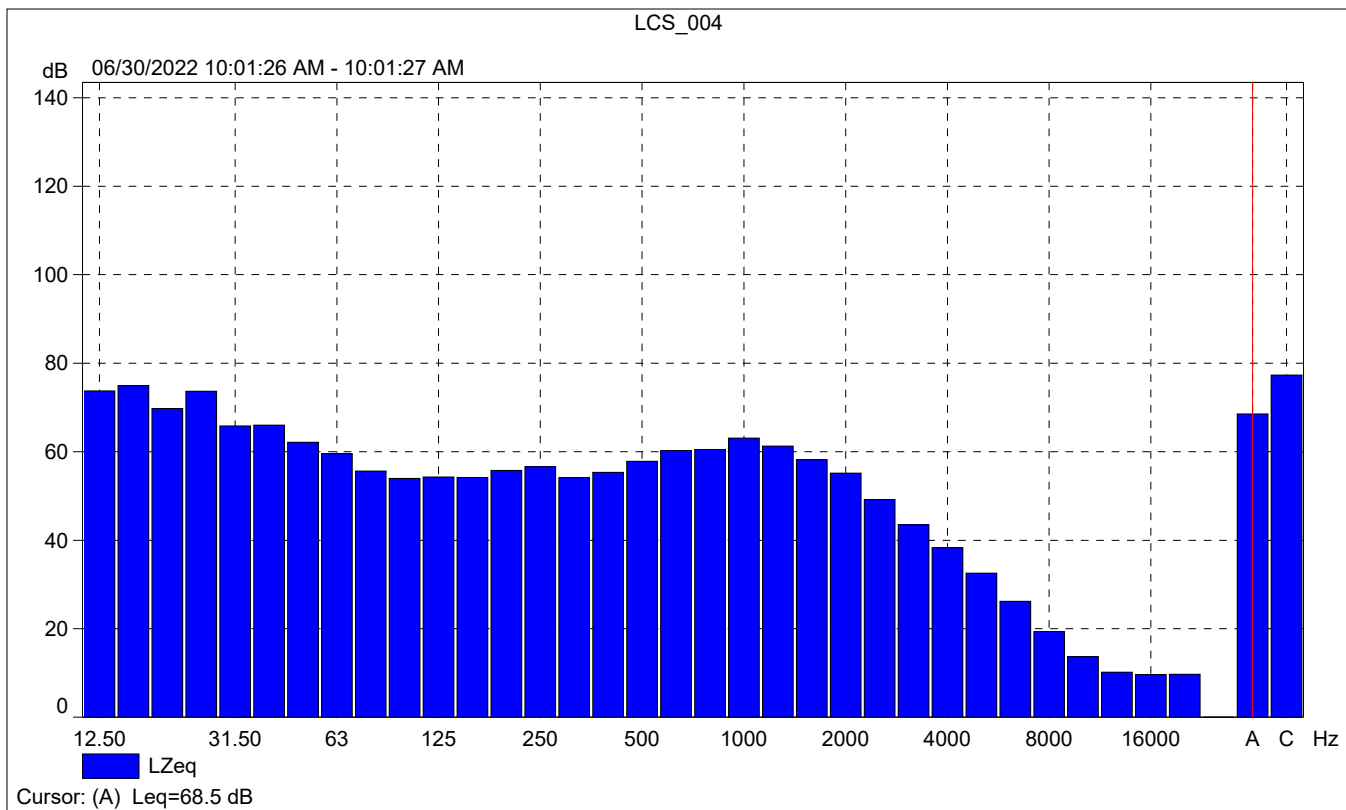
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	65.9	88.4	31.0
Time	09:56:27 AM	10:06:27 AM	0:10:00				
Date	06/30/2022	06/30/2022					





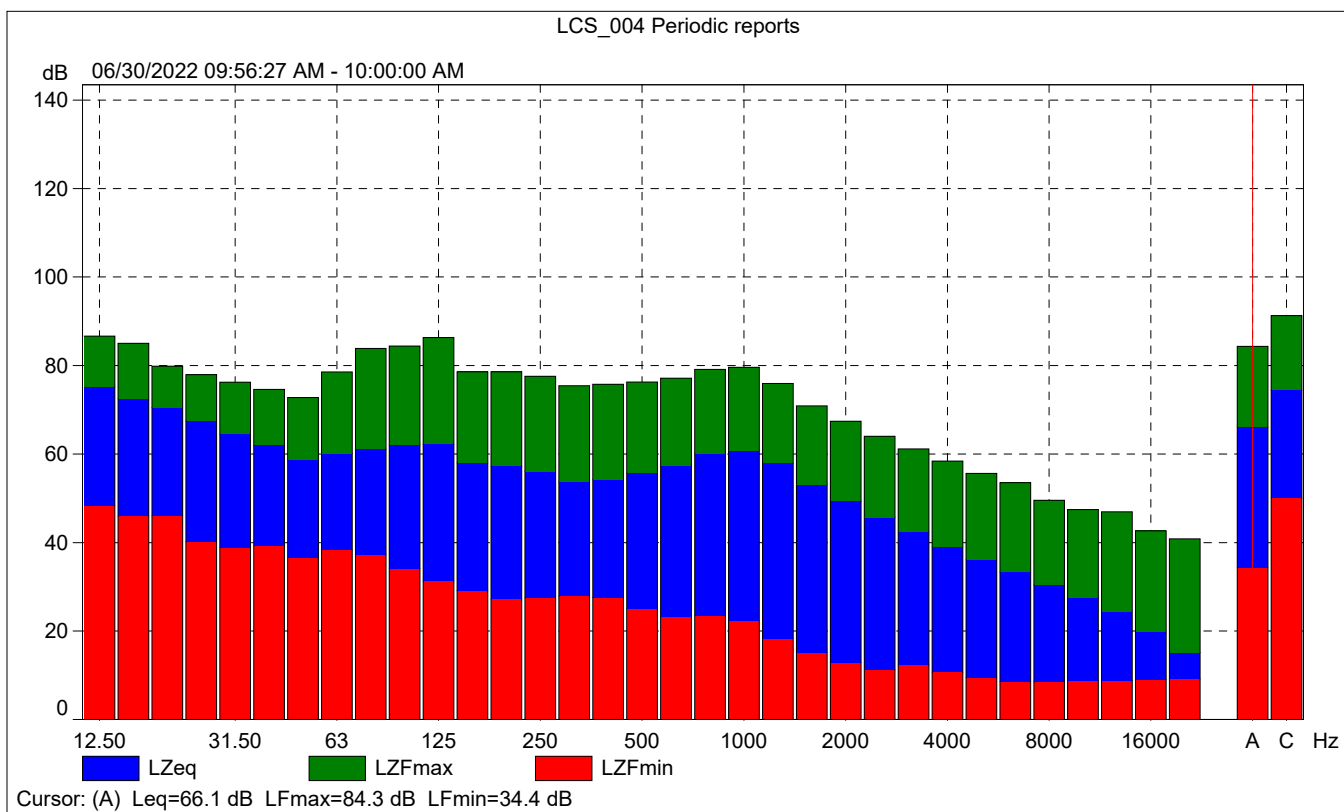
### LCS\_004

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			82.9	69.4	67.8
Time	10:01:26 AM	0:00:01			
Date	06/30/2022				



### LCS\_004 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	69.5	84.3	34.4
Time	09:56:27 AM	0:03:33				
Date	06/30/2022					





LCS\_004 Periodic reports

