

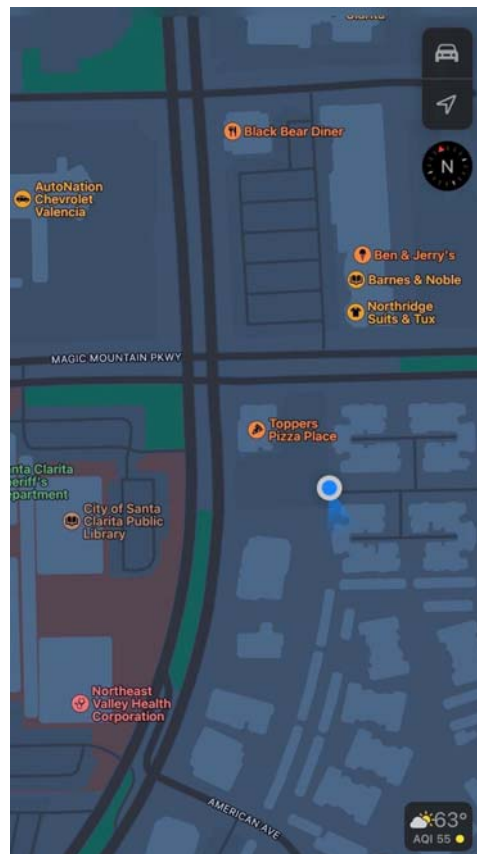
**APPENDIX C:
NOISE DATA**

This page intentionally left blank.

Site Number: NM-1		
Recorded By: Darshan Shivaiah, Dennis Dinh		
Job Number: 190560		
Date: 1/31/2024		
Time: 11:04 a.m.		
Location: North of 23626 Magic Mountain Parkway		
Source of Ambient Noise: Traffic from Valencia Boulevard		
Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
52.7	70.0	44.7

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	06/04/2023	
	Microphone	Brüel & Kjær	4189	3086765	06/04/2023	
	Preamp	Brüel & Kjær	ZC 0032	25380	06/04/2023	
	Calibrator	Brüel & Kjær	4231	2545667	06/04/2023	
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)	
	7 mph		62		29.97	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		01/31/2024 11:04:43
End Time:		01/31/2024 11:14:43
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.10

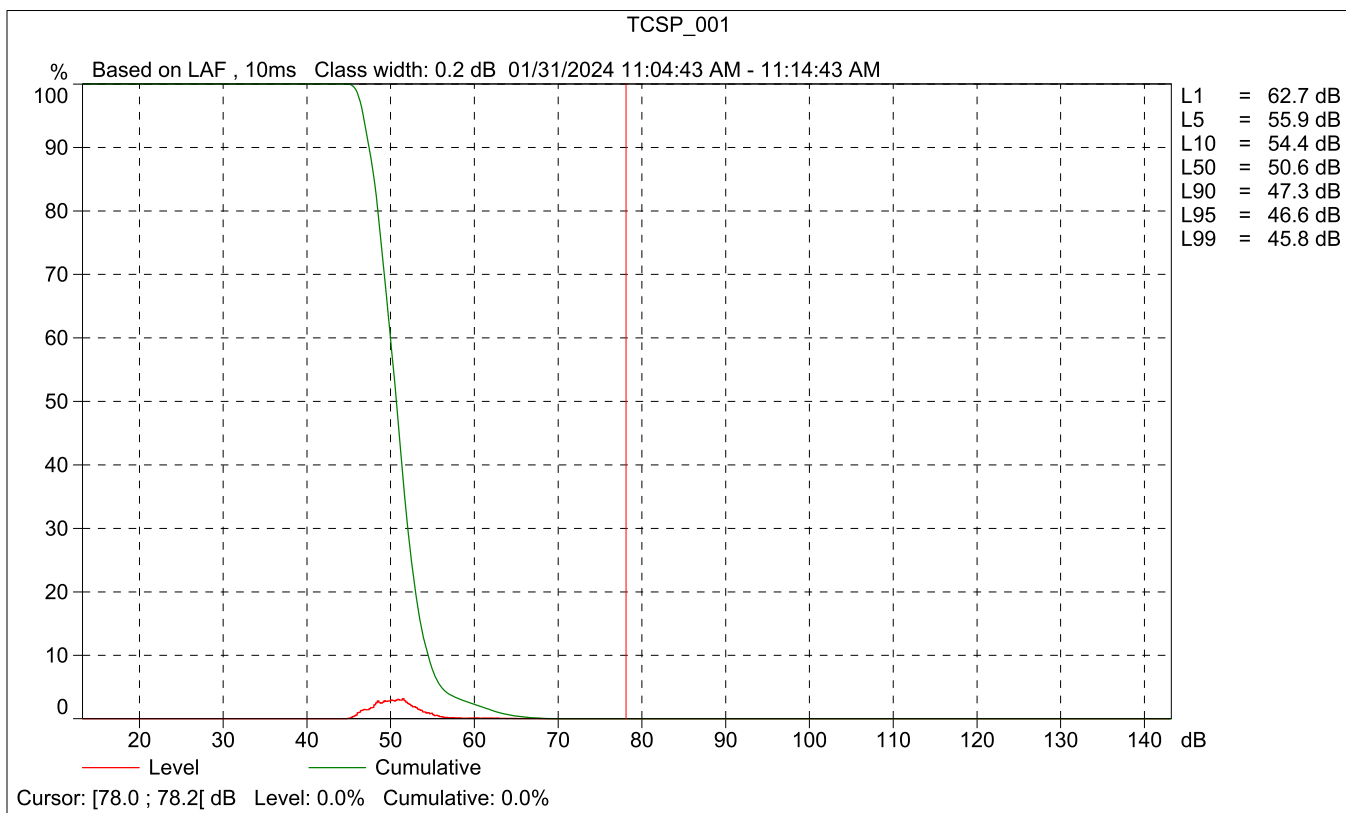
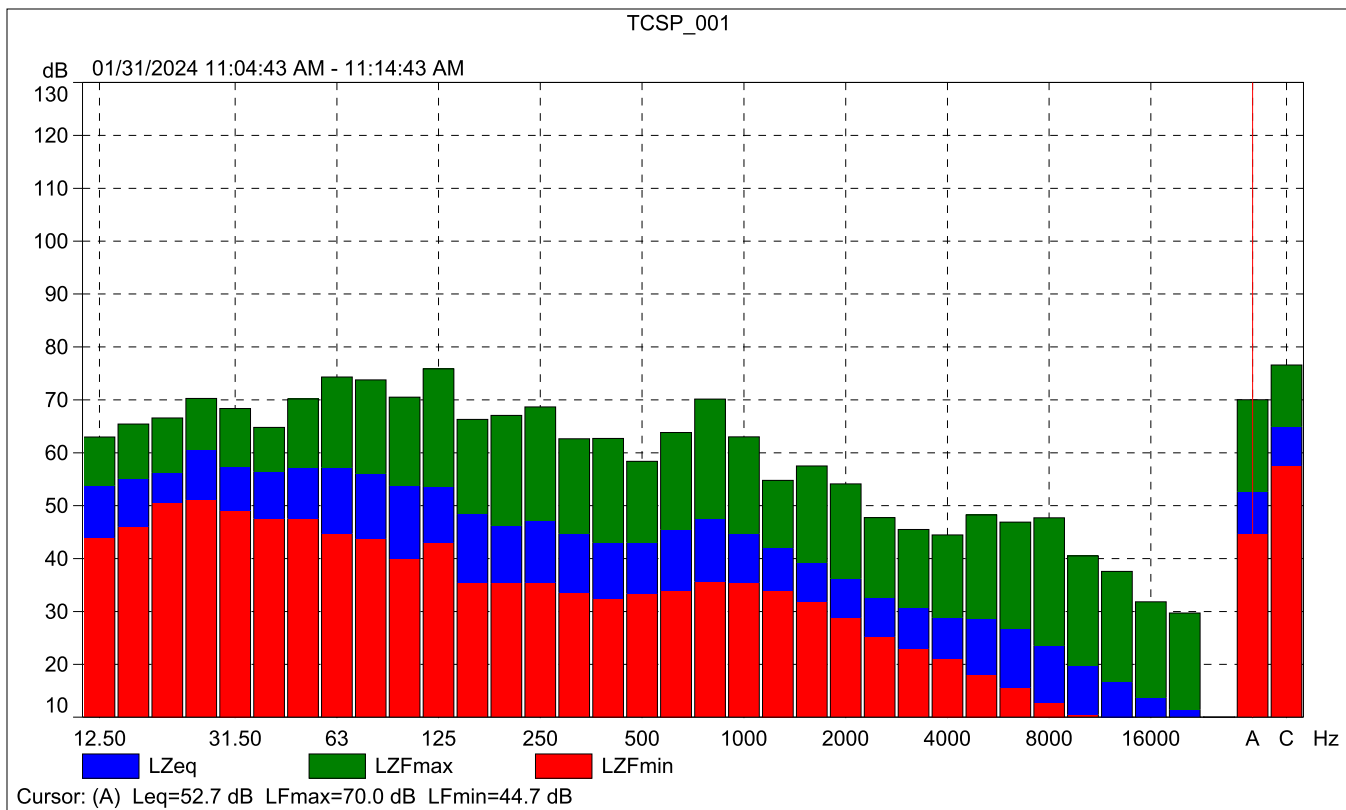
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

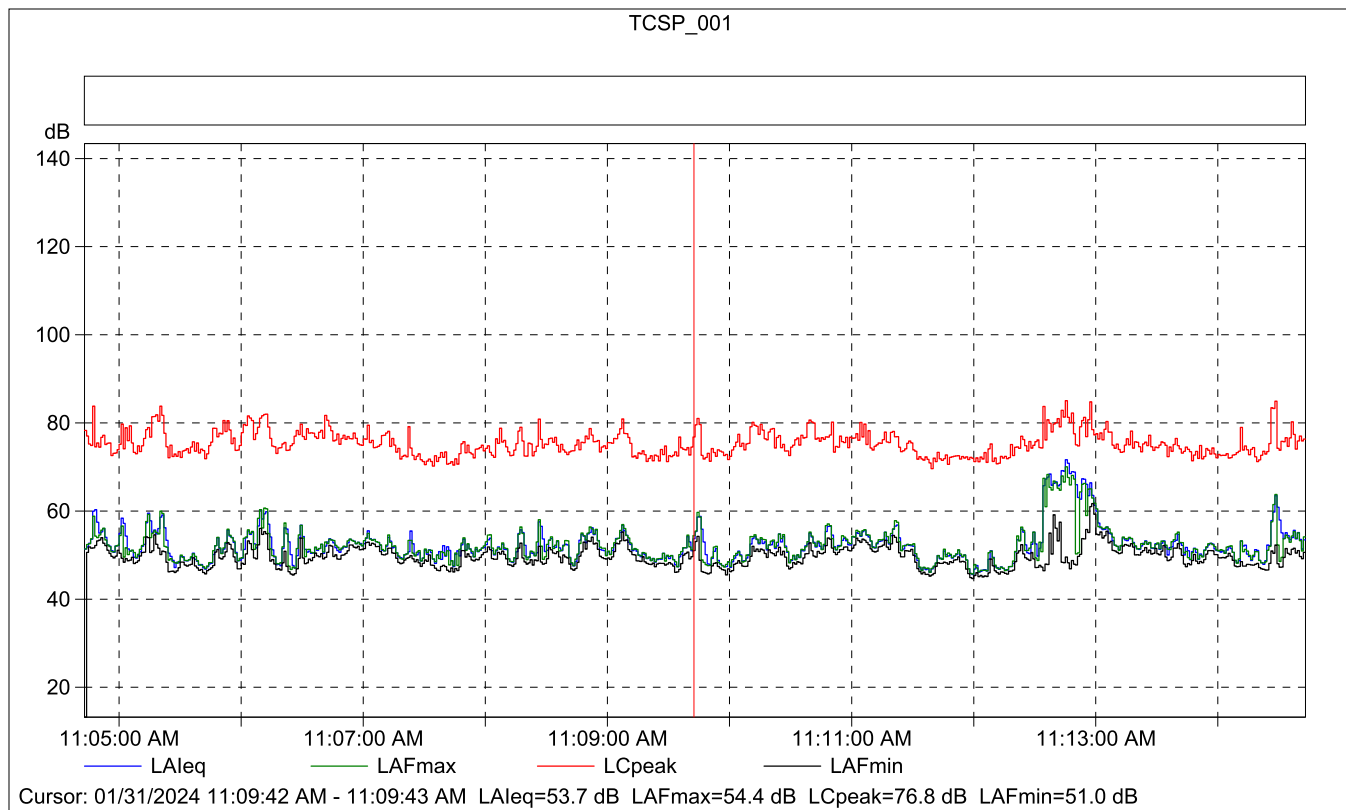
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		01/31/2024 10:42:30
Calibration Type:		External reference
Sensitivity:		43.7230058014393 mV/Pa

TCSP_001

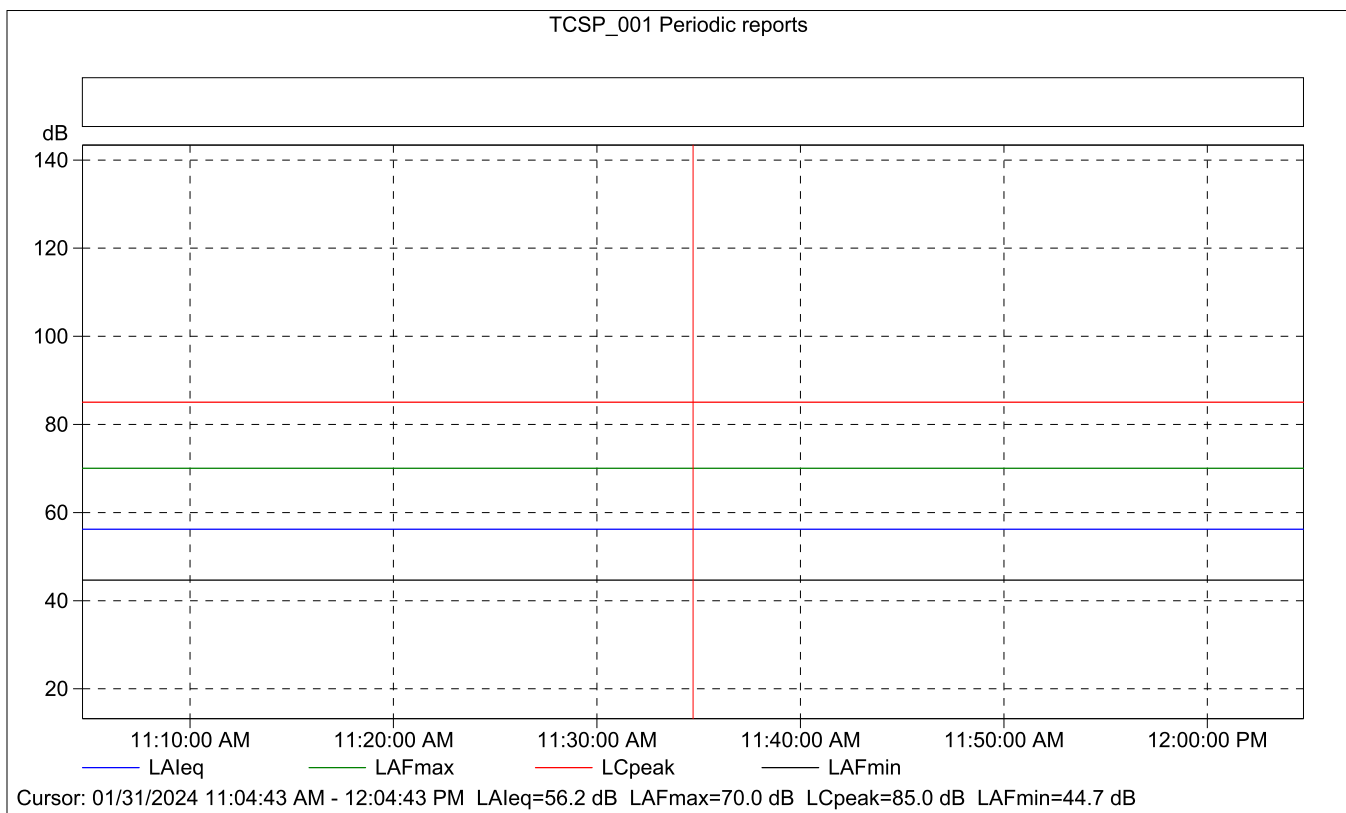
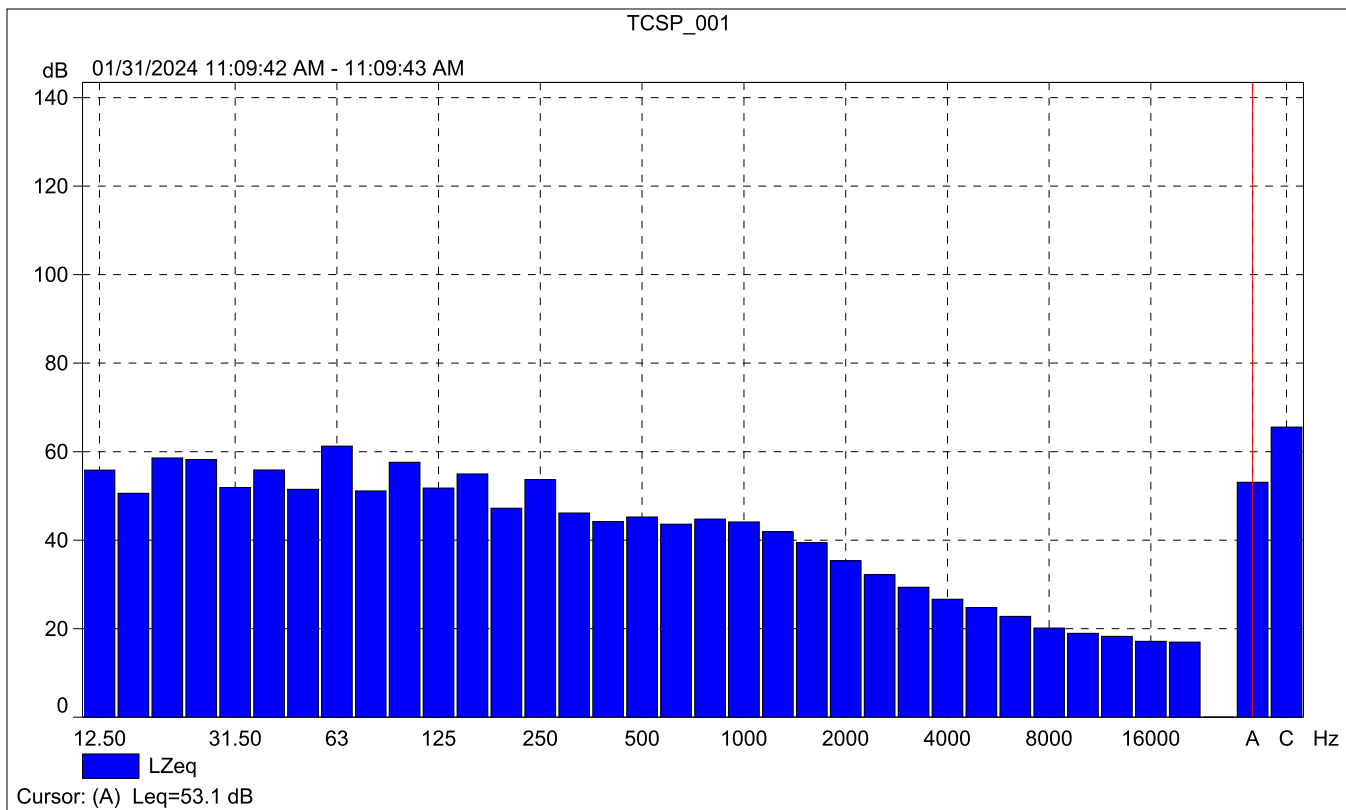
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	52.7	70.0	44.7
Time	11:04:43 AM	11:14:43 AM	0:10:00				
Date	01/31/2024	01/31/2024					





TCSP_001

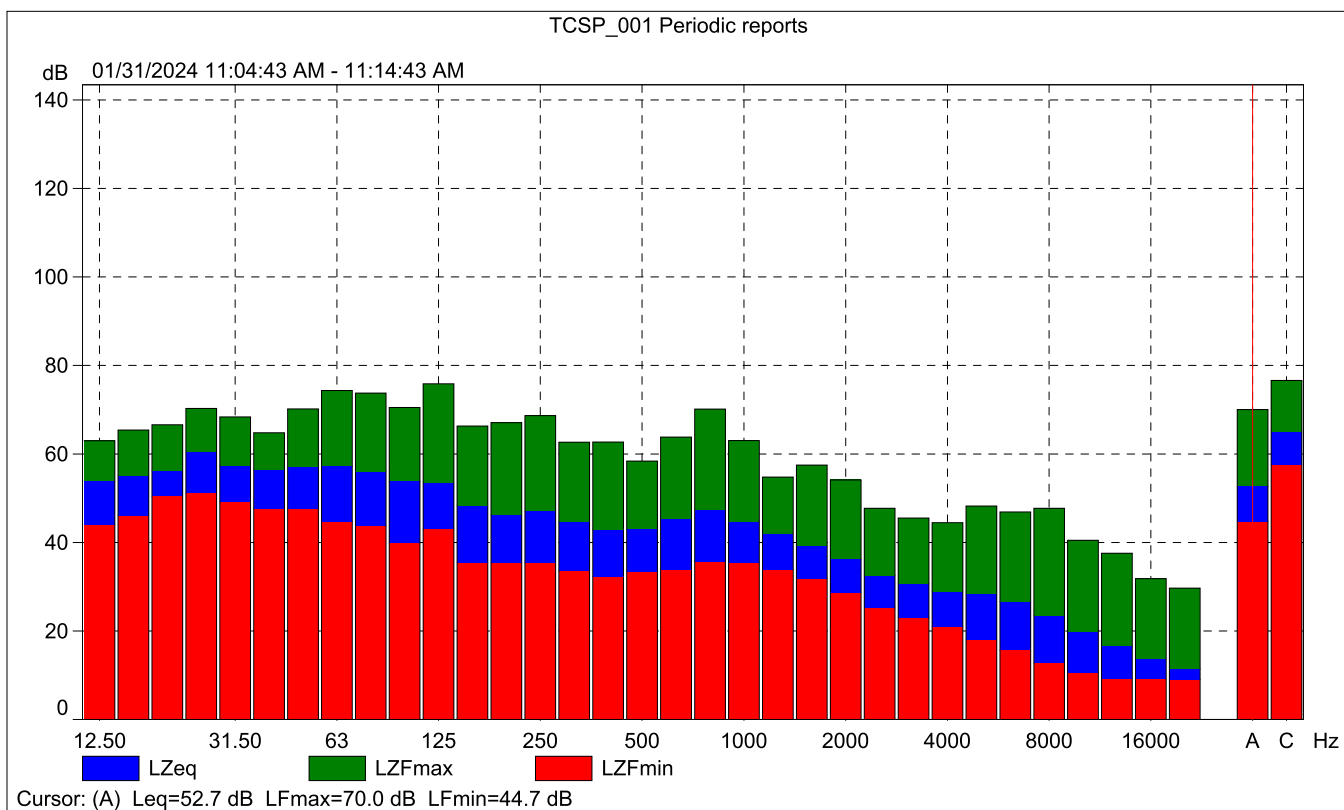
	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	53.7	54.4	51.0
Time	11:09:42 AM	0:00:01				
Date	01/31/2024					





TCSP_001 Periodic reports

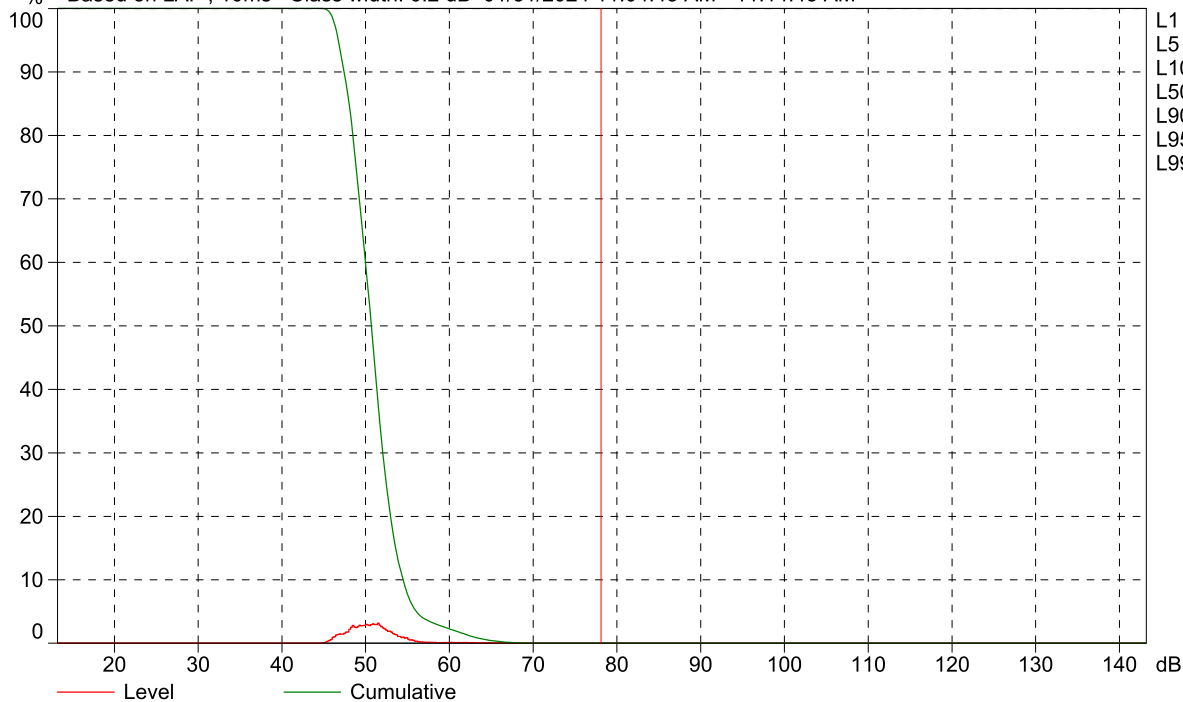
	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	56.2	70.0	44.7
Time	11:04:43 AM	0:10:00				
Date	01/31/2024					





TCSP_001 Periodic reports

% Based on LAF, 10ms Class width: 0.2 dB 01/31/2024 11:04:43 AM - 11:14:43 AM

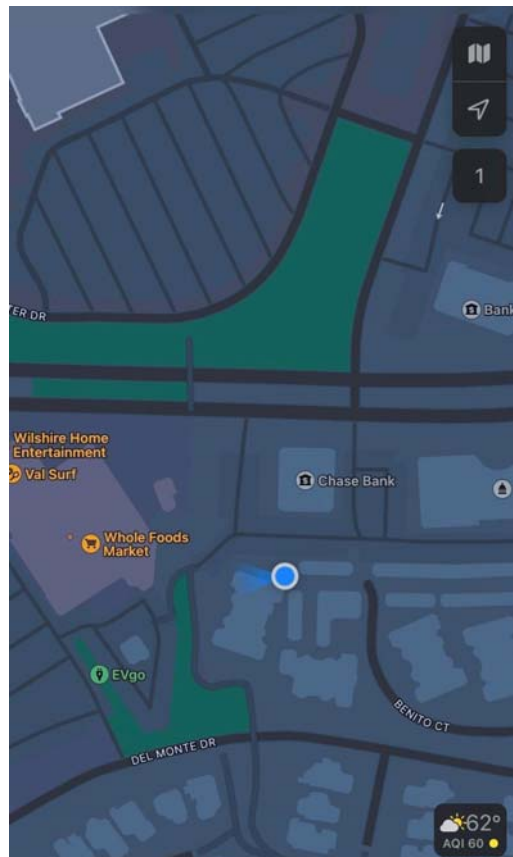
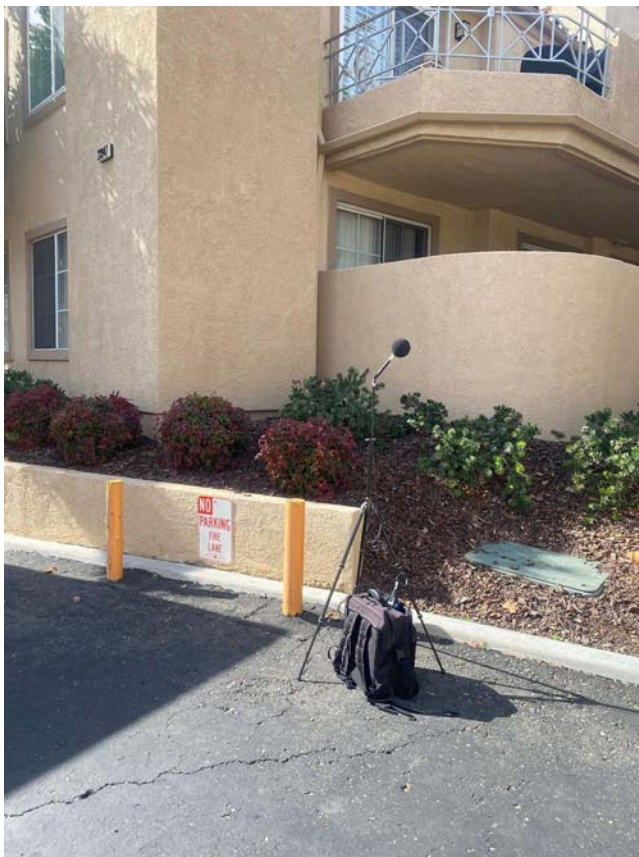


Cursor: [78.0 ; 78.2] dB Level: 0.0% Cumulative: 0.0%

Site Number: NM-2		
Recorded By: Darshan Shivaiah, Dennis Dinh		
Job Number: 190560		
Date: 1/31/2024		
Time: 11:34 a.m.		
Location: West of 23947 Del Monte Drive		
Source of Ambient Noise: Wind blowing		
Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
51.0	67.5	43.5

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	06/04/2023	
	Microphone	Brüel & Kjær	4189	3086765	06/04/2023	
	Preamp	Brüel & Kjær	ZC 0032	25380	06/04/2023	
	Calibrator	Brüel & Kjær	4231	2545667	06/04/2023	
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)	
	7 mph		62		29.97	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		01/31/2024 11:34:11
End Time:		01/31/2024 11:44:11
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.10

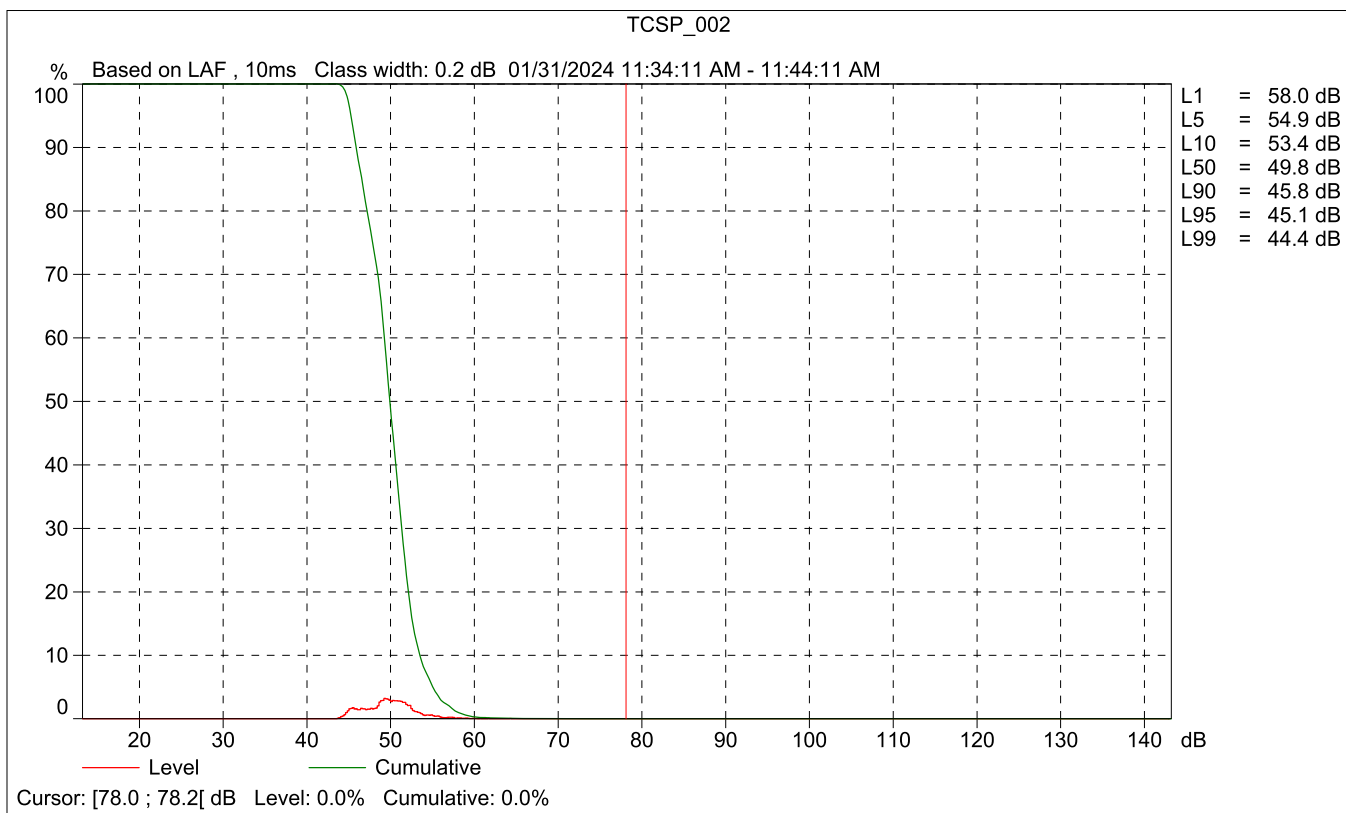
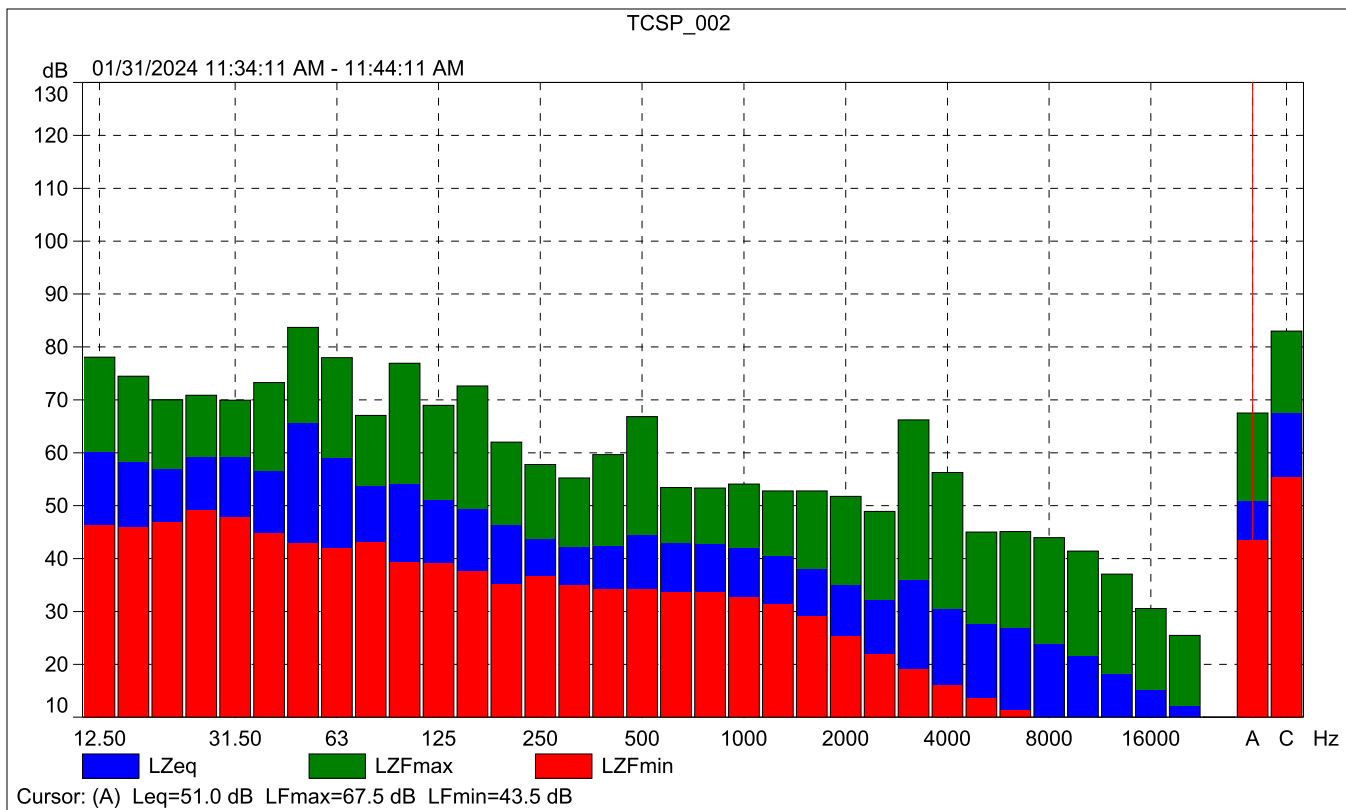
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

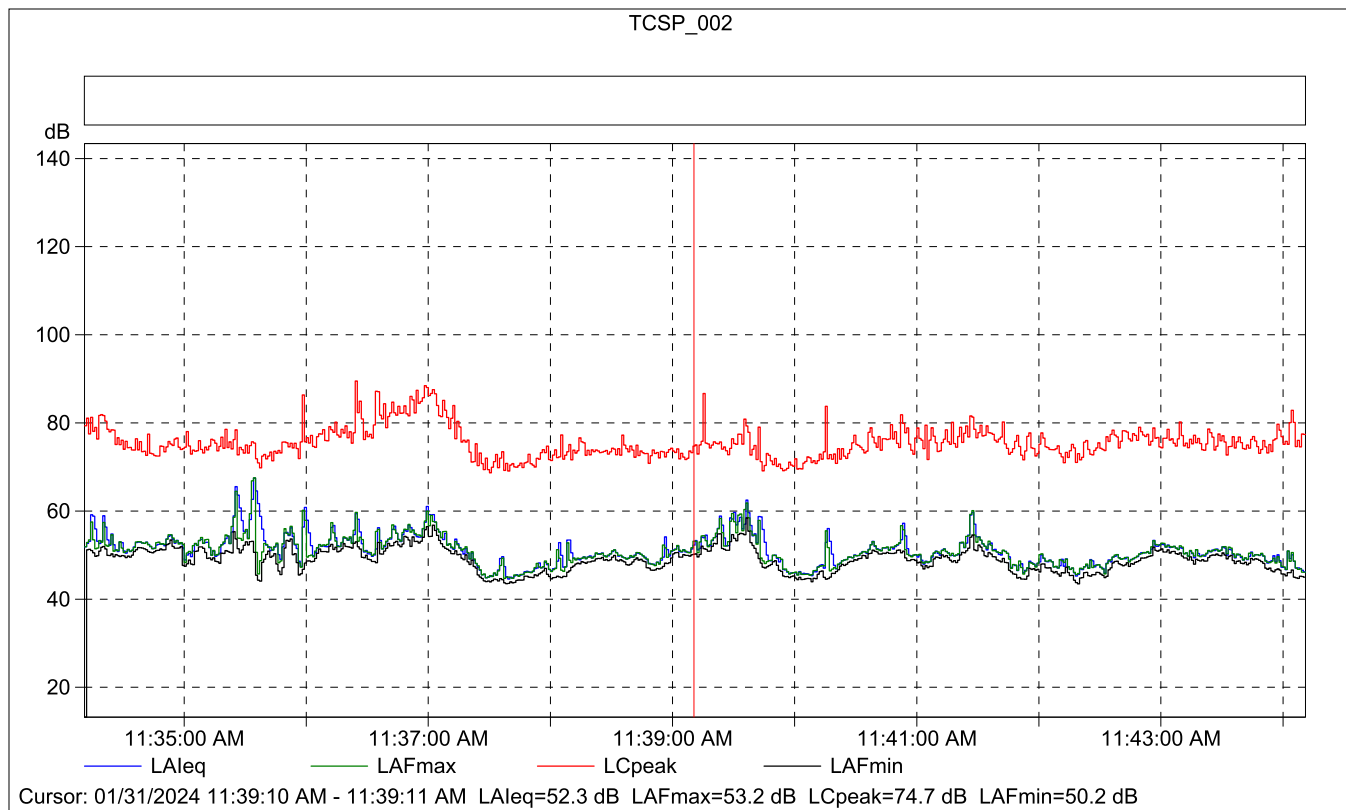
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		01/31/2024 10:42:30
Calibration Type:		External reference
Sensitivity:		43.7230058014393 mV/Pa

TCSP_002

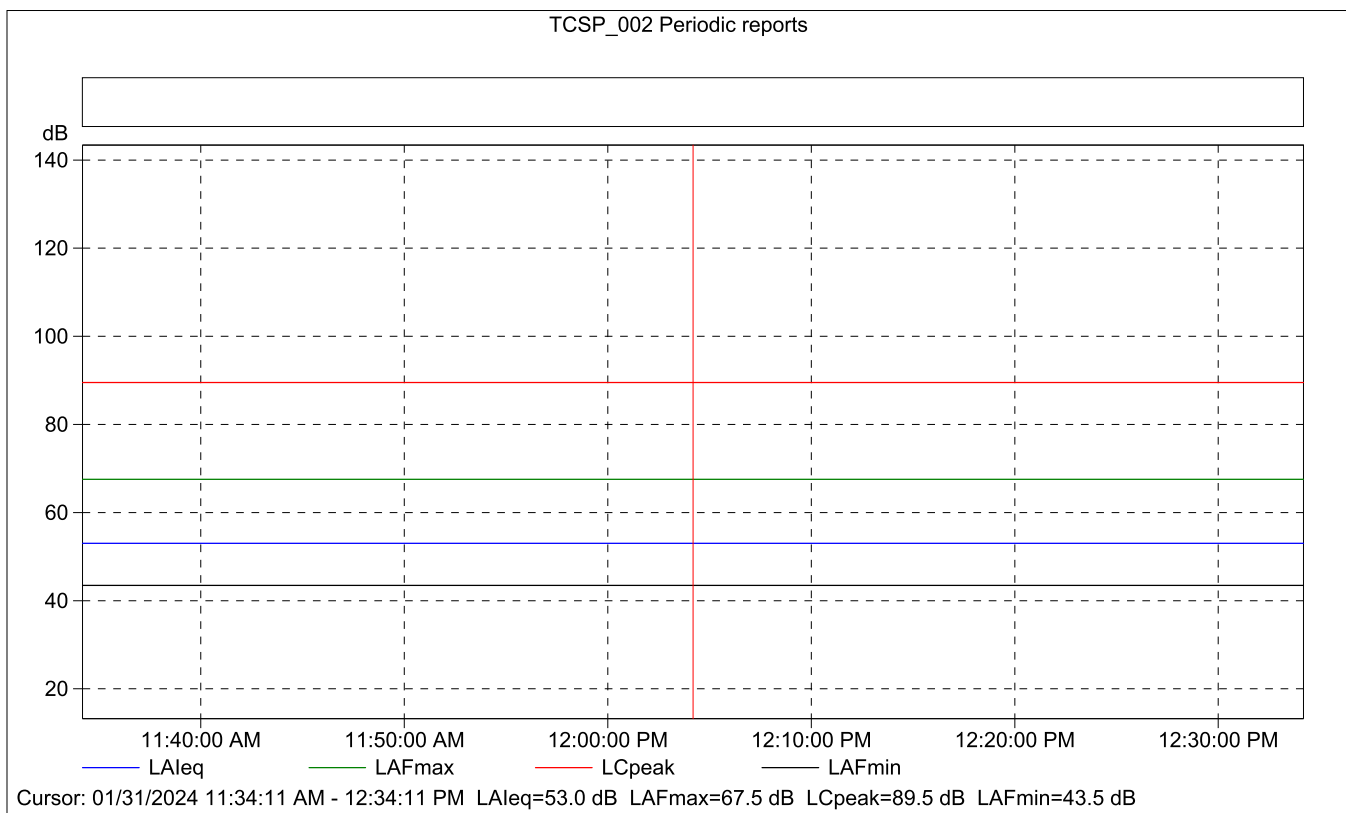
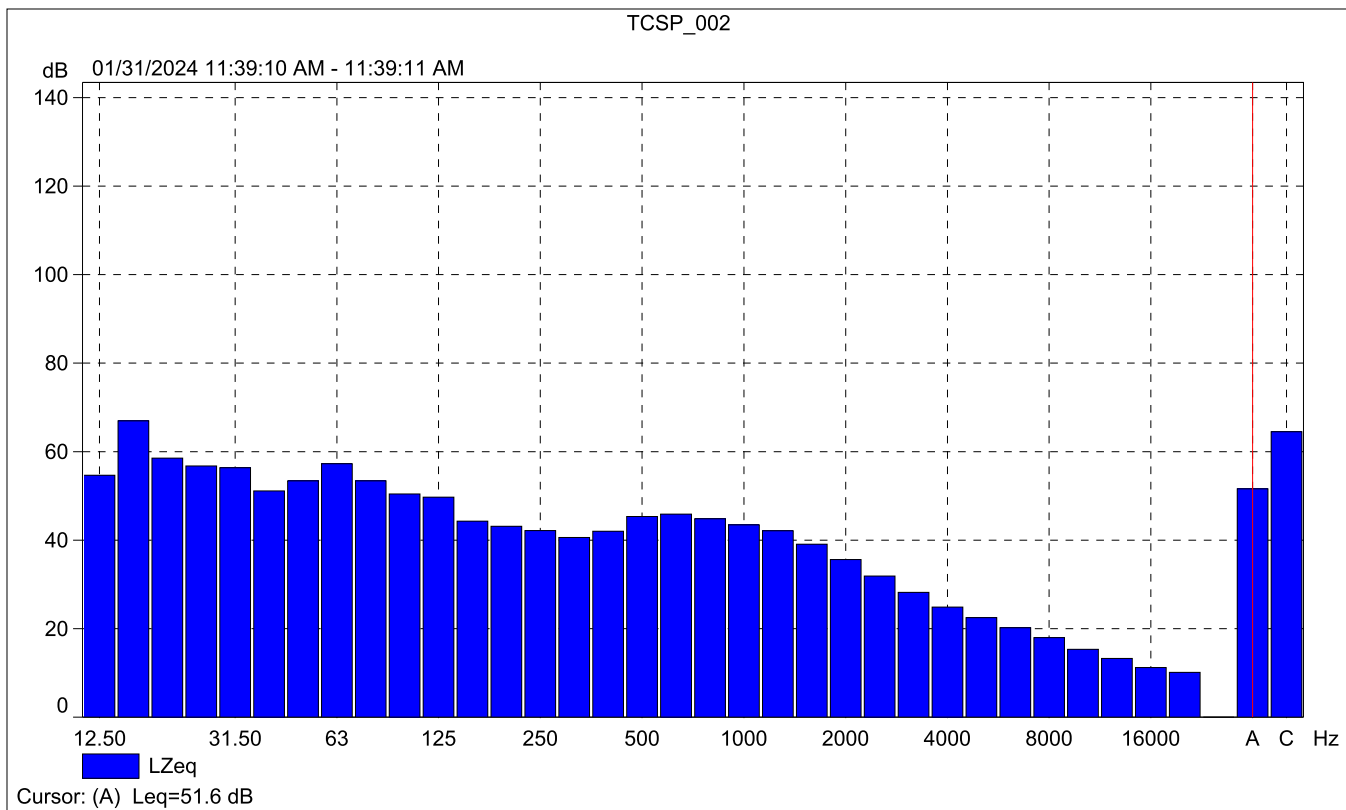
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	51.0	67.5	43.5
Time	11:34:11 AM	11:44:11 AM	0:10:00				
Date	01/31/2024	01/31/2024					





TCSP_002

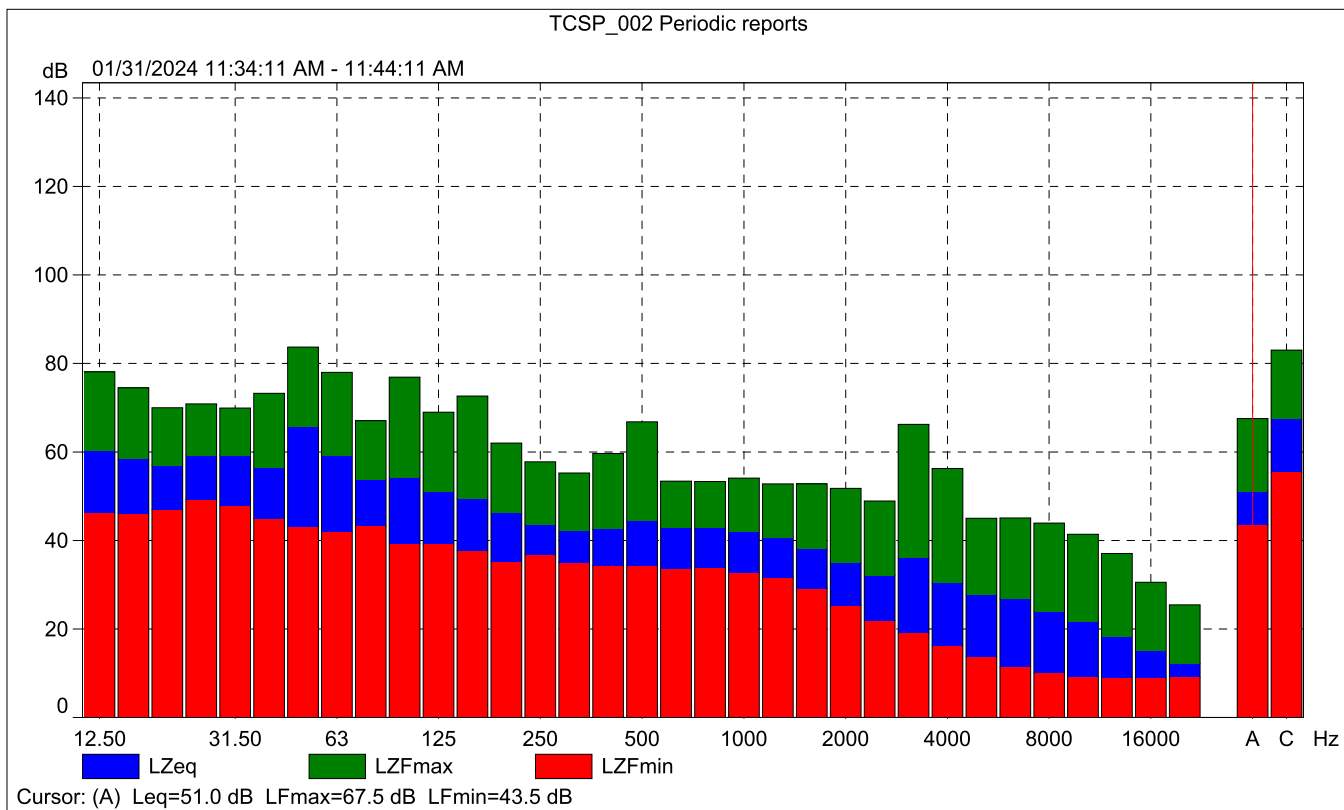
	Start time	Elapsed time	Overload [%]	LAleq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	52.3	53.2	50.2
Time	11:39:10 AM	0:00:01				
Date	01/31/2024					





TCSP_002 Periodic reports

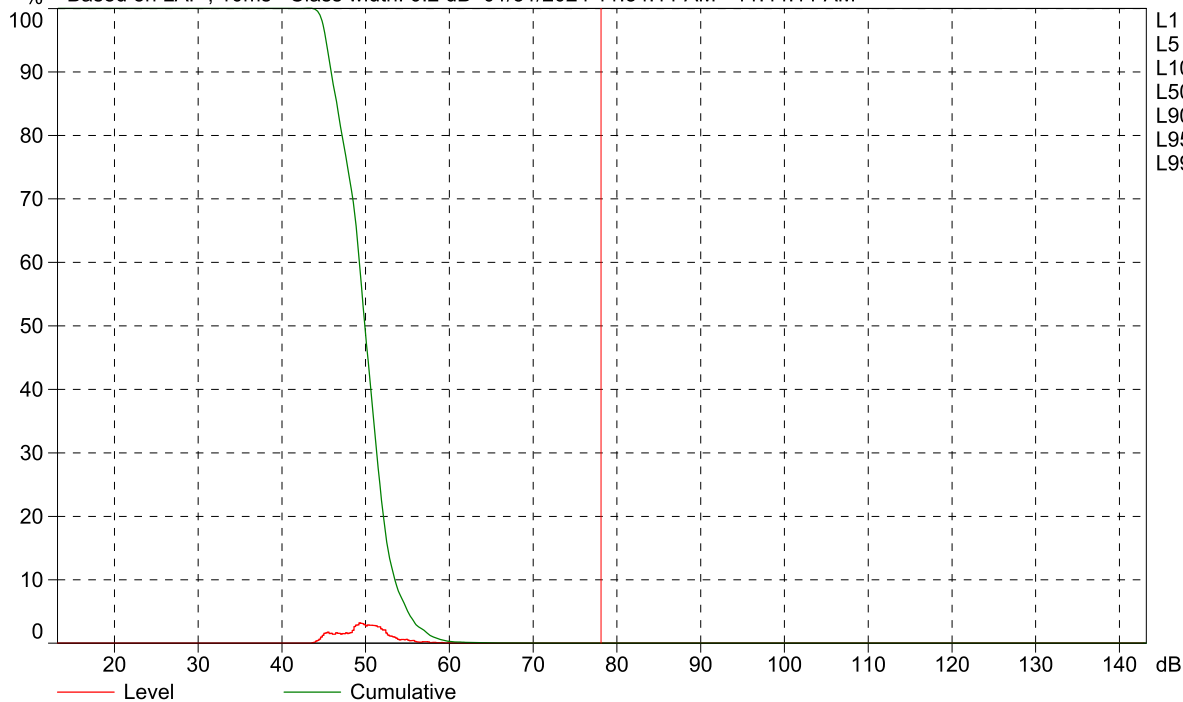
	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	53.0	67.5	43.5
Time	11:34:11 AM	0:10:00				
Date	01/31/2024					





TCSP_002 Periodic reports

% Based on LAF, 10ms Class width: 0.2 dB 01/31/2024 11:34:11 AM - 11:44:11 AM

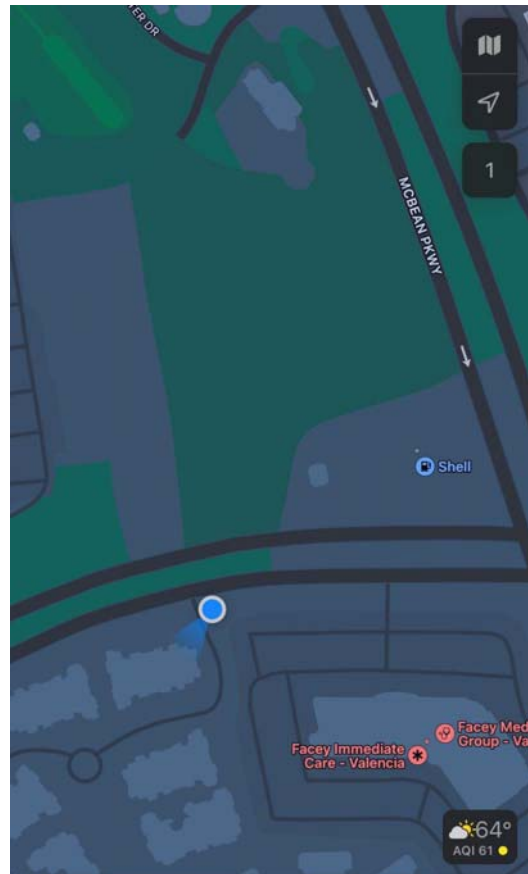


Cursor: [78.0 ; 78.2] dB Level: 0.0% Cumulative: 0.0%

Site Number: NM-3		
Recorded By: Darshan Shivaiah, Dennis Dinh		
Job Number: 190560		
Date: 1/31/2024		
Time: 11:52 a.m.		
Location: Approximately 450 feet west of the Valencia Boulevard and McBean Parkway intersection		
Source of Ambient Noise: Traffic from Valencia Boulevard		
Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
69.7	78.8	48.5

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	06/04/2023	
	Microphone	Brüel & Kjær	4189	3086765	06/04/2023	
	Preamp	Brüel & Kjær	ZC 0032	25380	06/04/2023	
	Calibrator	Brüel & Kjær	4231	2545667	06/04/2023	
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)	
	7 mph		62		29.97	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		01/31/2024 11:52:37
End Time:		01/31/2024 12:02:37
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.10

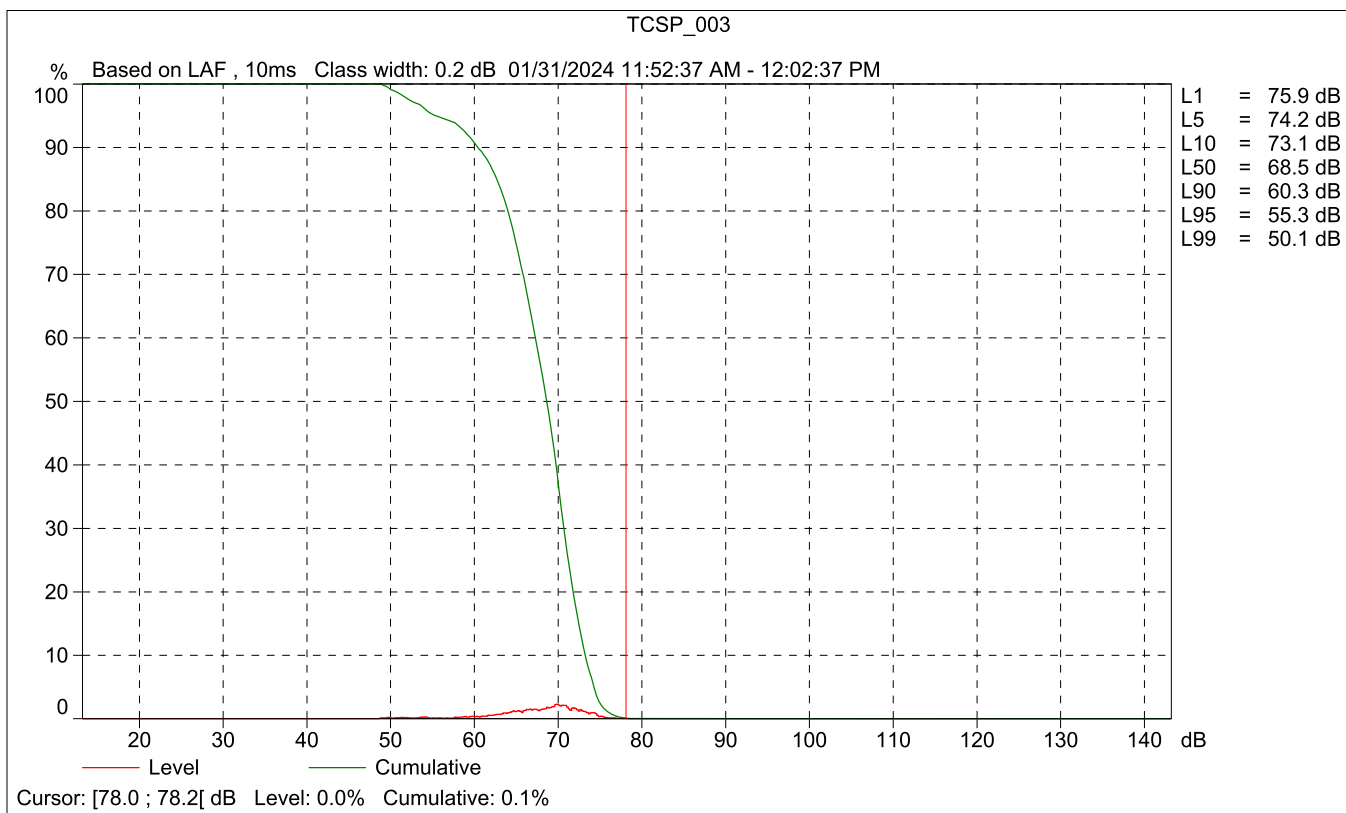
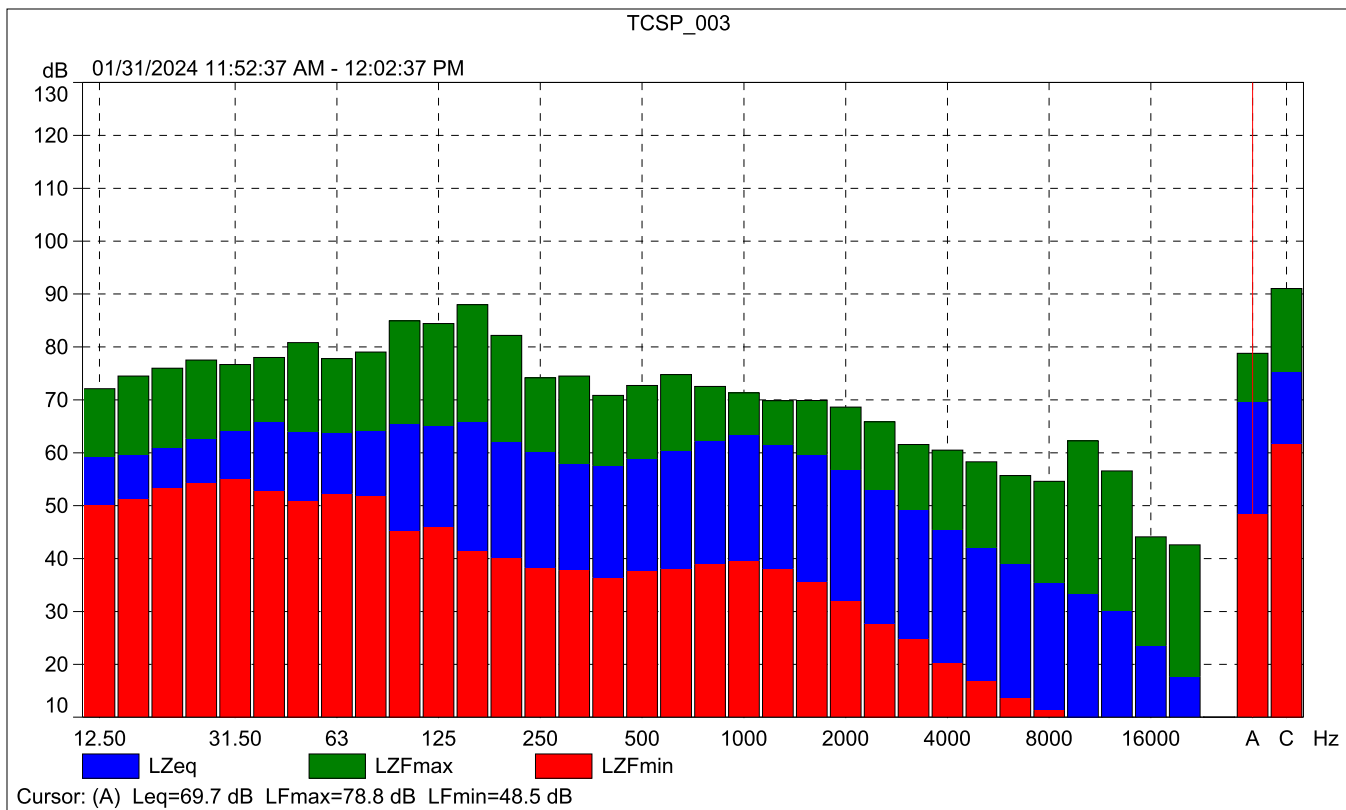
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

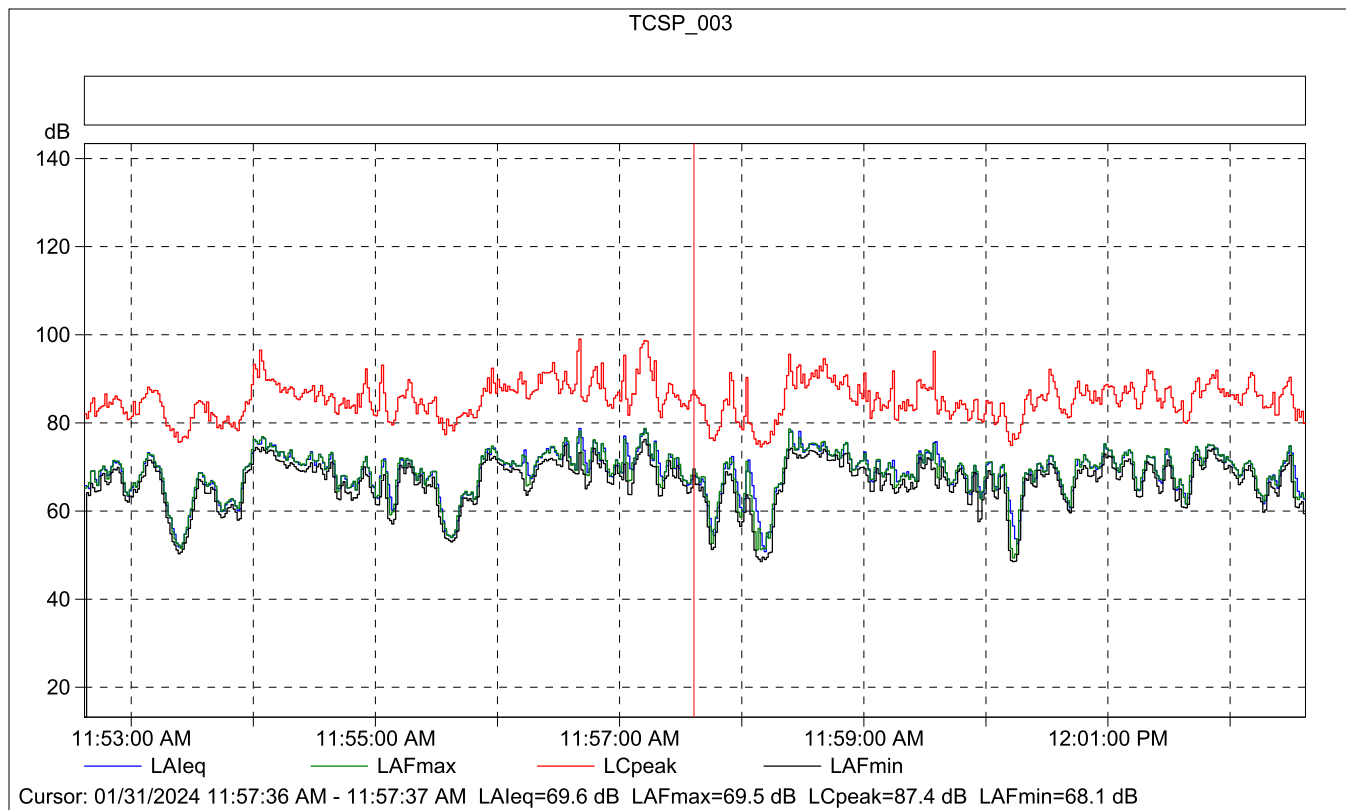
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		01/31/2024 10:42:30
Calibration Type:		External reference
Sensitivity:		43.7230058014393 mV/Pa

TCSP_003

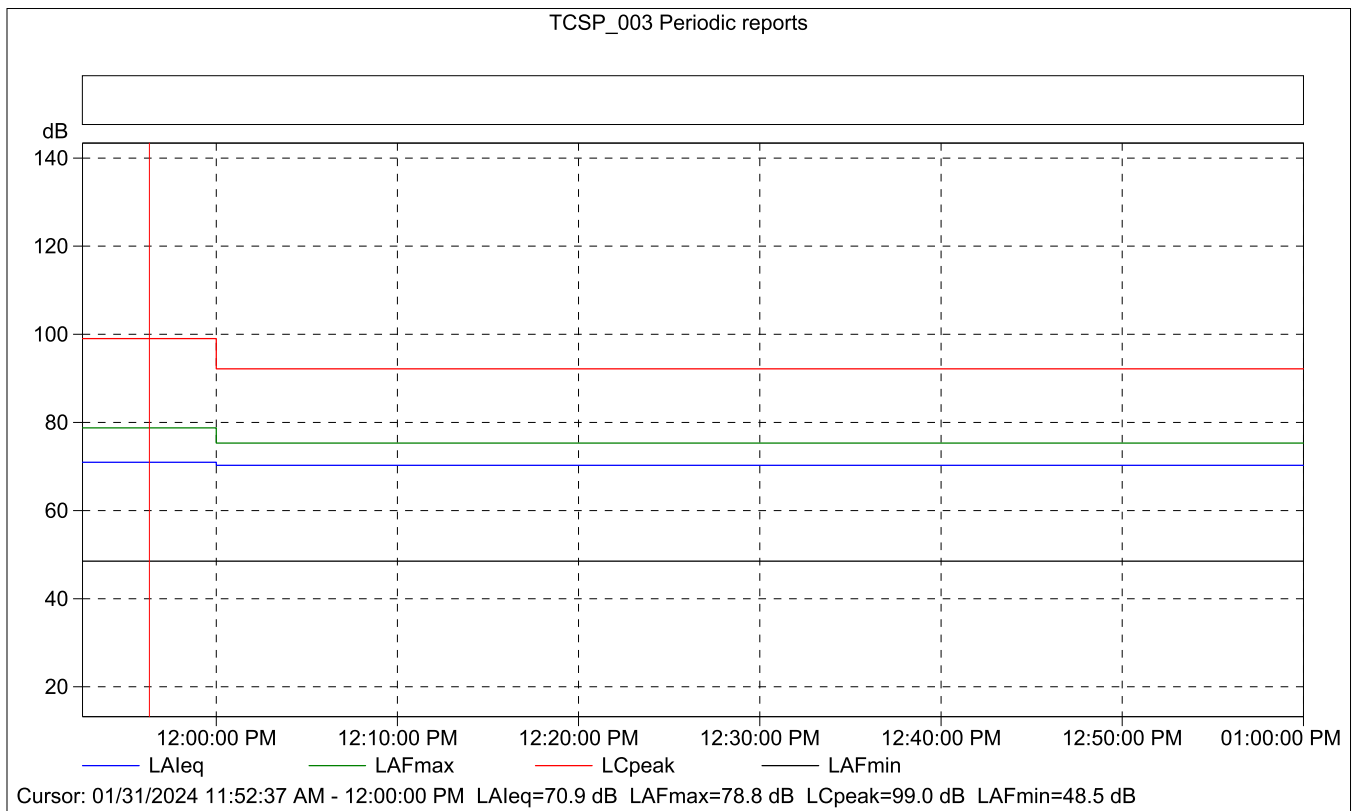
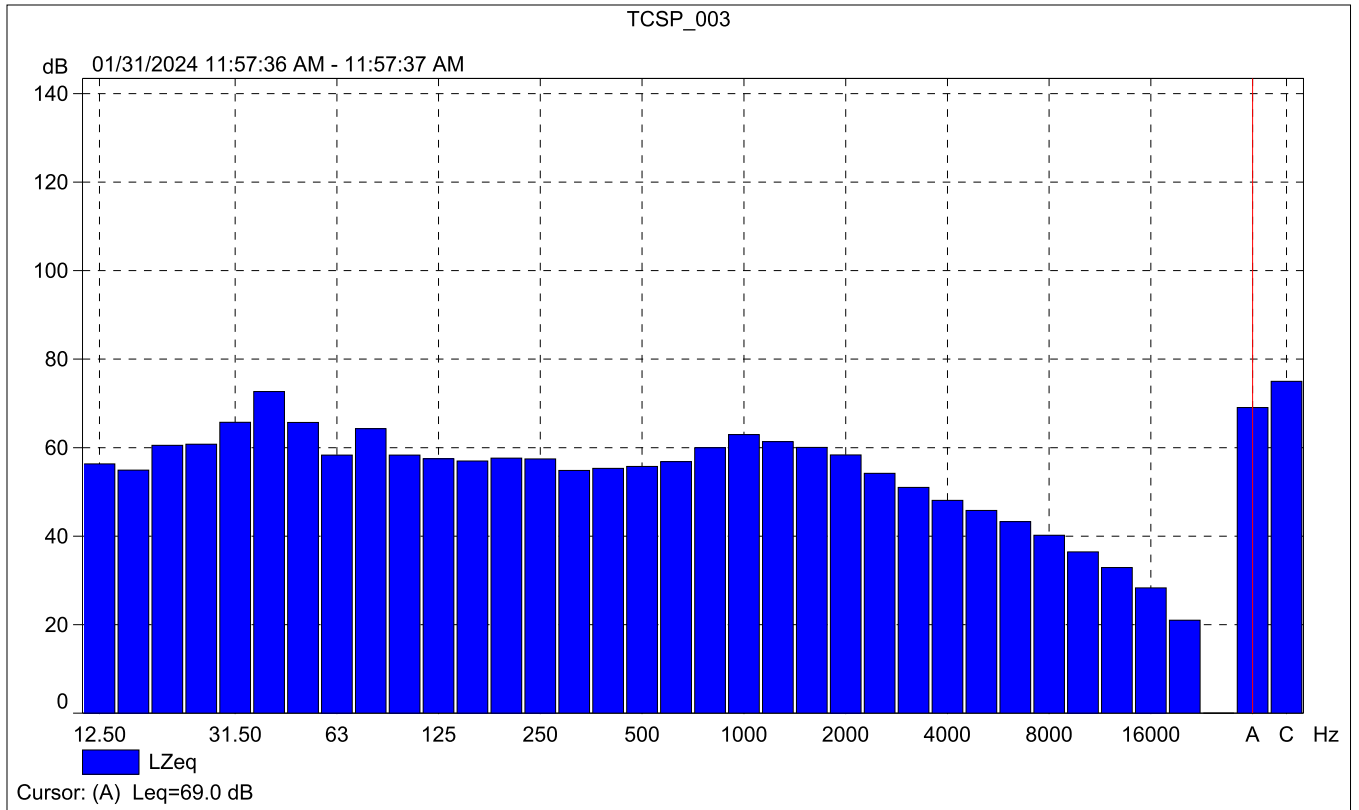
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	69.7	78.8	48.5
Time	11:52:37 AM	12:02:37 PM	0:10:00				
Date	01/31/2024	01/31/2024					





TCSP_003

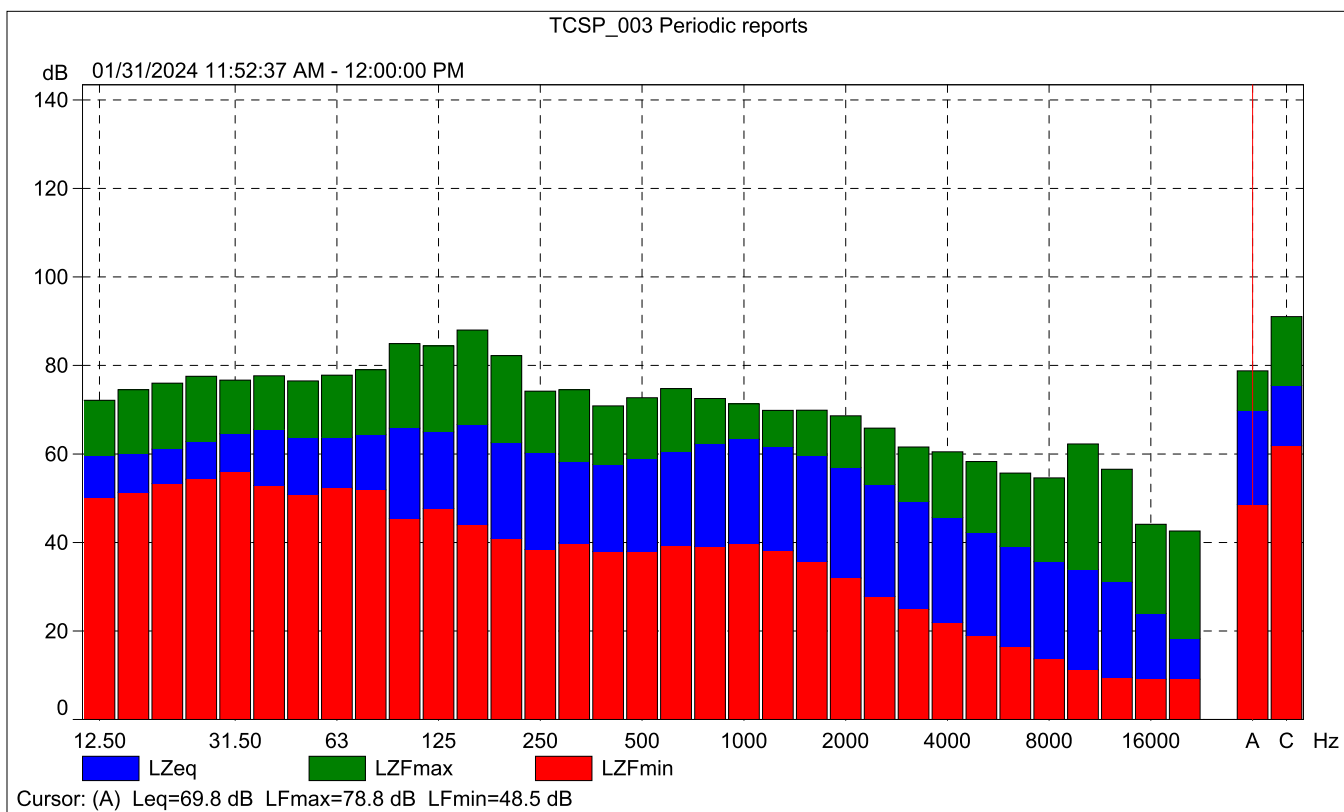
	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	69.6	69.5	68.1
Time	11:57:36 AM	0:00:01				
Date	01/31/2024					





TCSP_003 Periodic reports

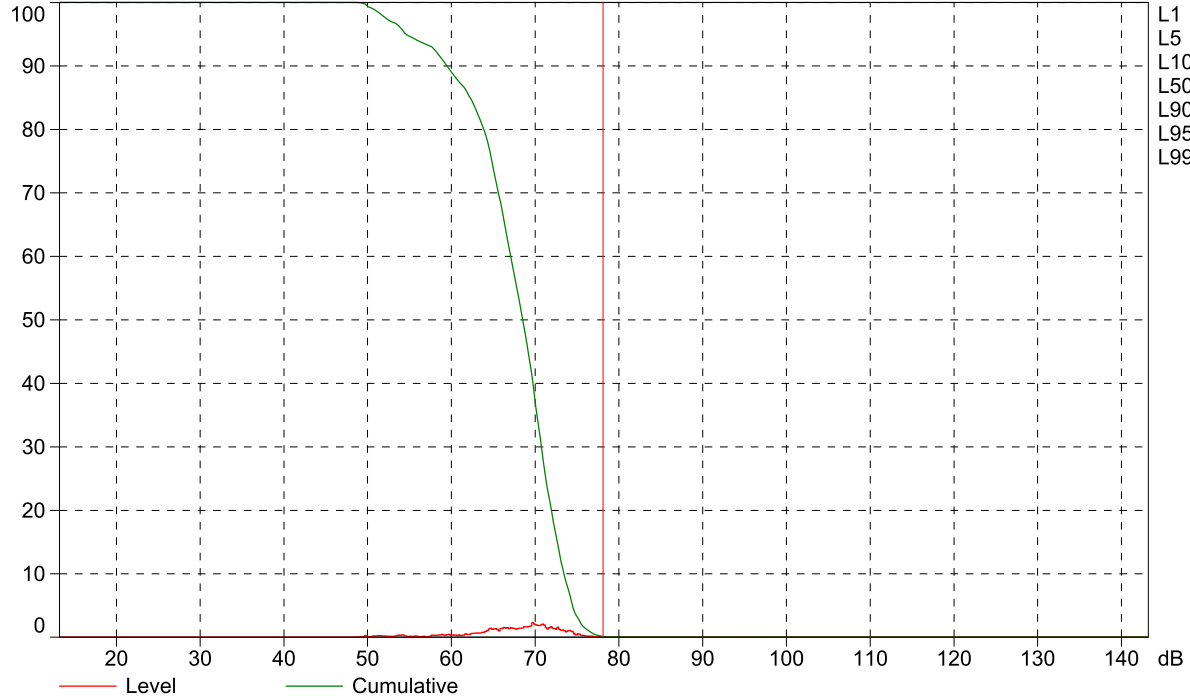
	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	70.9	78.8	48.5
Time	11:52:37 AM	0:07:23				
Date	01/31/2024					





TCSP_003 Periodic reports

% Based on LAF, 10ms Class width: 0.2 dB 01/31/2024 11:52:37 AM - 12:00:00 PM



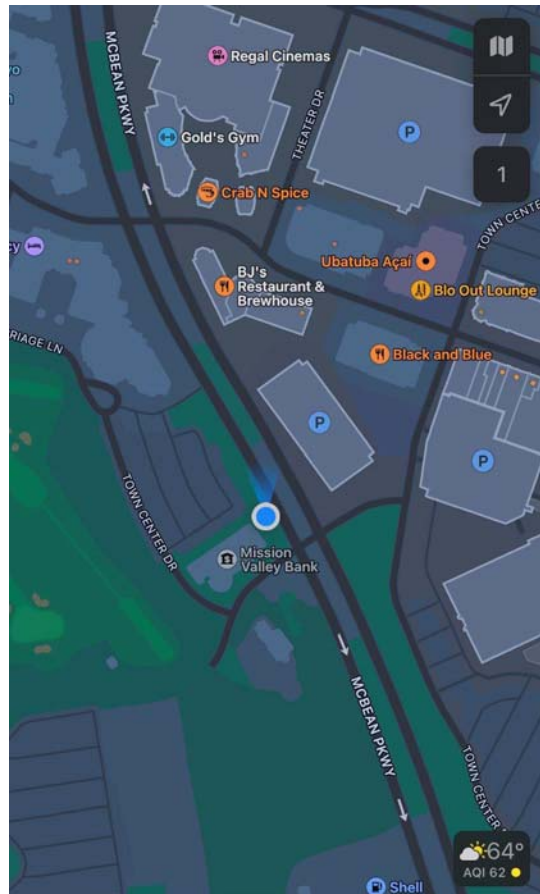
- L1 = 76.3 dB
- L5 = 74.3 dB
- L10 = 73.3 dB
- L50 = 68.4 dB
- L90 = 59.4 dB
- L95 = 54.5 dB
- L99 = 50.6 dB

Cursor: [78.0 ; 78.2] dB Level: 0.0% Cumulative: 0.1%

Site Number: NM-4		
Recorded By: Darshan Shivaiah, Dennis Dinh		
Job Number: 190560		
Date: 1/31/2024		
Time: 12:19 p.m.		
Location: Approximately 50 feet north from the McBean Parkway and Mall Entrance (Town Center Drive) intersection		
Source of Ambient Noise: Traffic from McBean Parkway		
Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
72.6	88.7	50.5

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	06/04/2023	
	Microphone	Brüel & Kjær	4189	3086765	06/04/2023	
	Preamp	Brüel & Kjær	ZC 0032	25380	06/04/2023	
	Calibrator	Brüel & Kjær	4231	2545667	06/04/2023	
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)	
	7 mph		62		29.97	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		01/31/2024 12:19:30
End Time:		01/31/2024 12:29:30
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.10

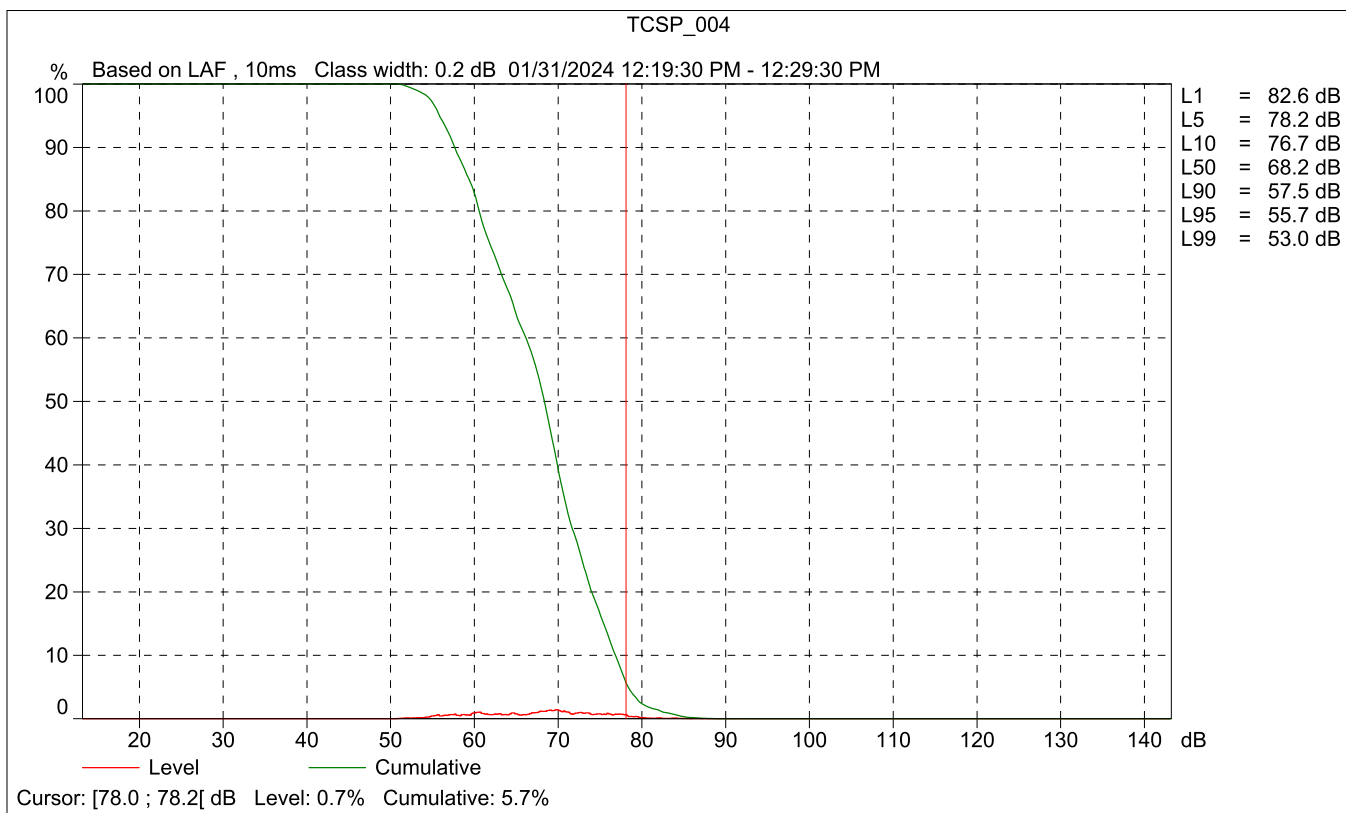
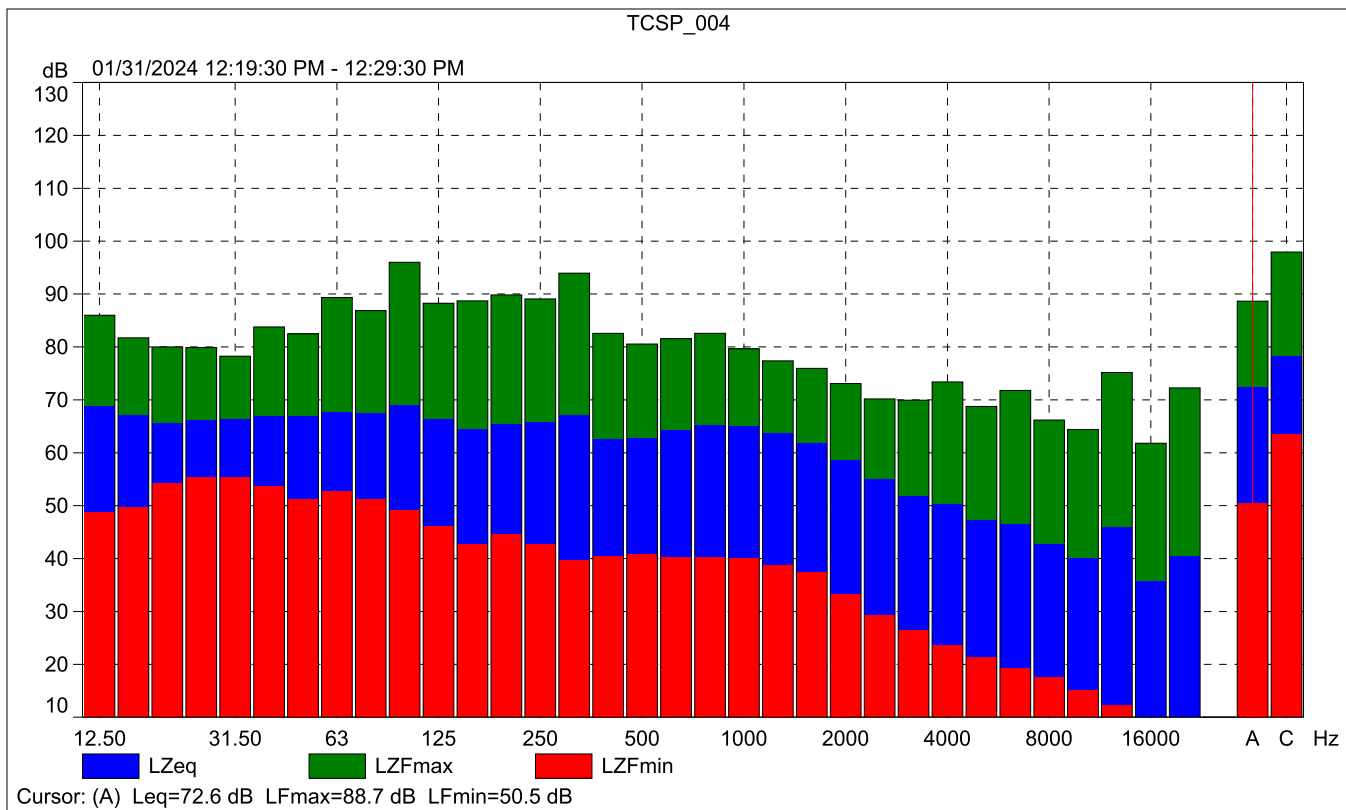
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

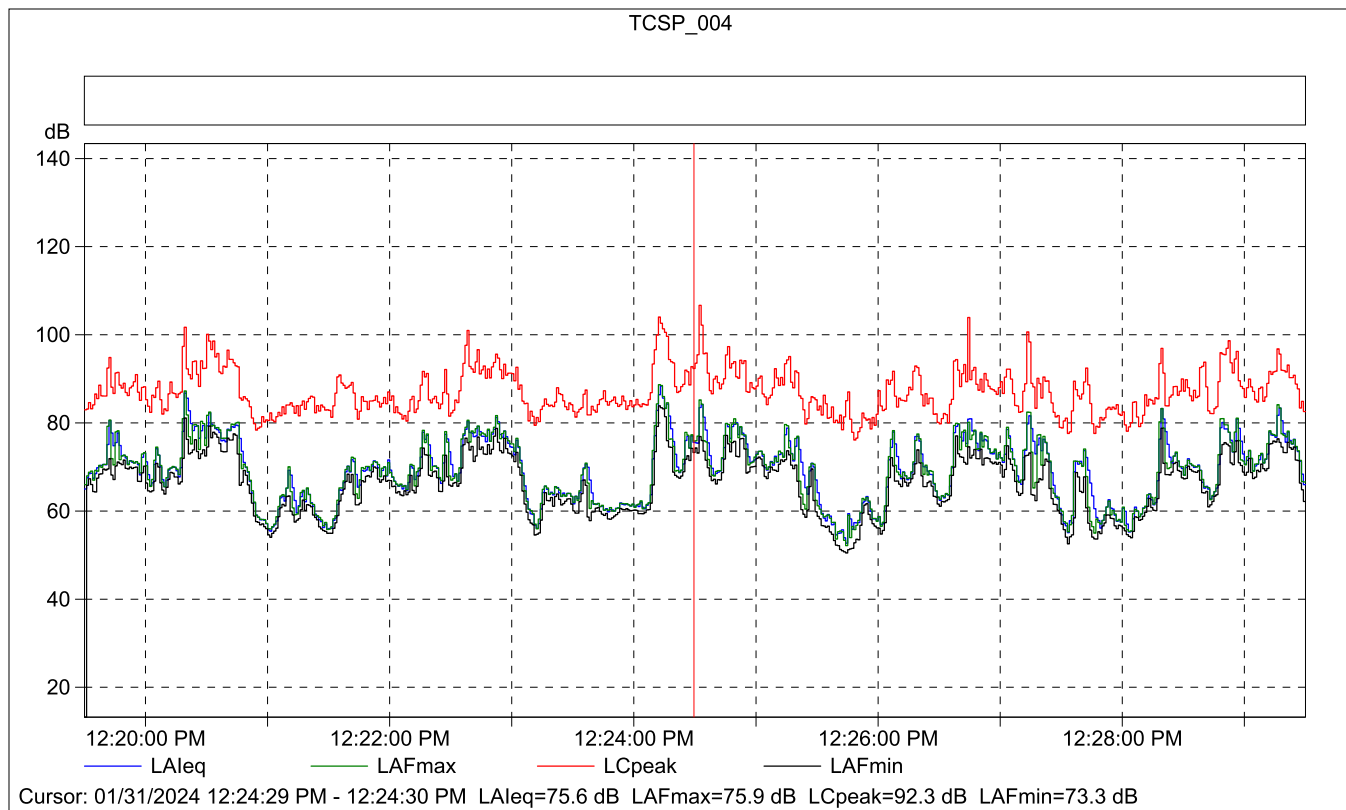
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		01/31/2024 10:42:30
Calibration Type:		External reference
Sensitivity:		43.7230058014393 mV/Pa

TCSP_004

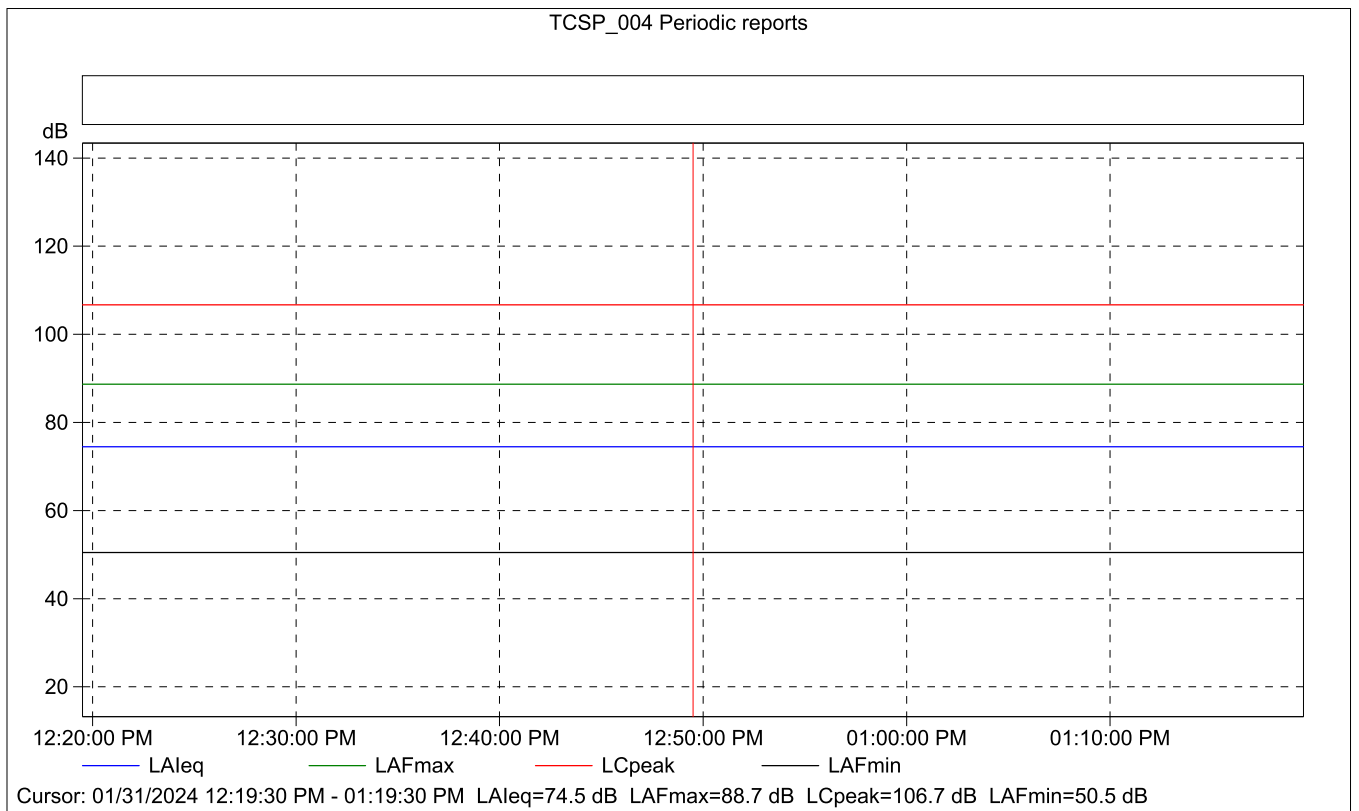
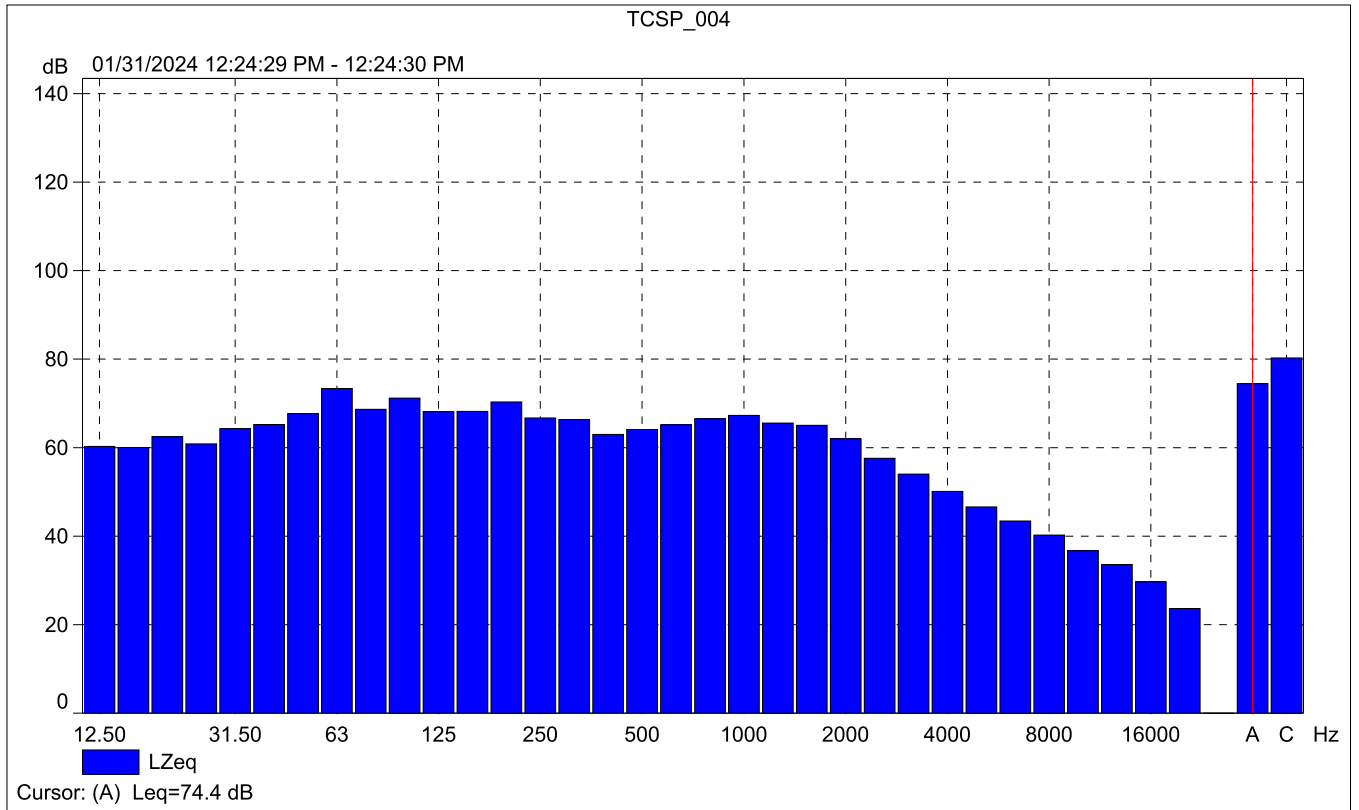
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	72.6	88.7	50.5
Time	12:19:30 PM	12:29:30 PM	0:10:00				
Date	01/31/2024	01/31/2024					





TCSP_004

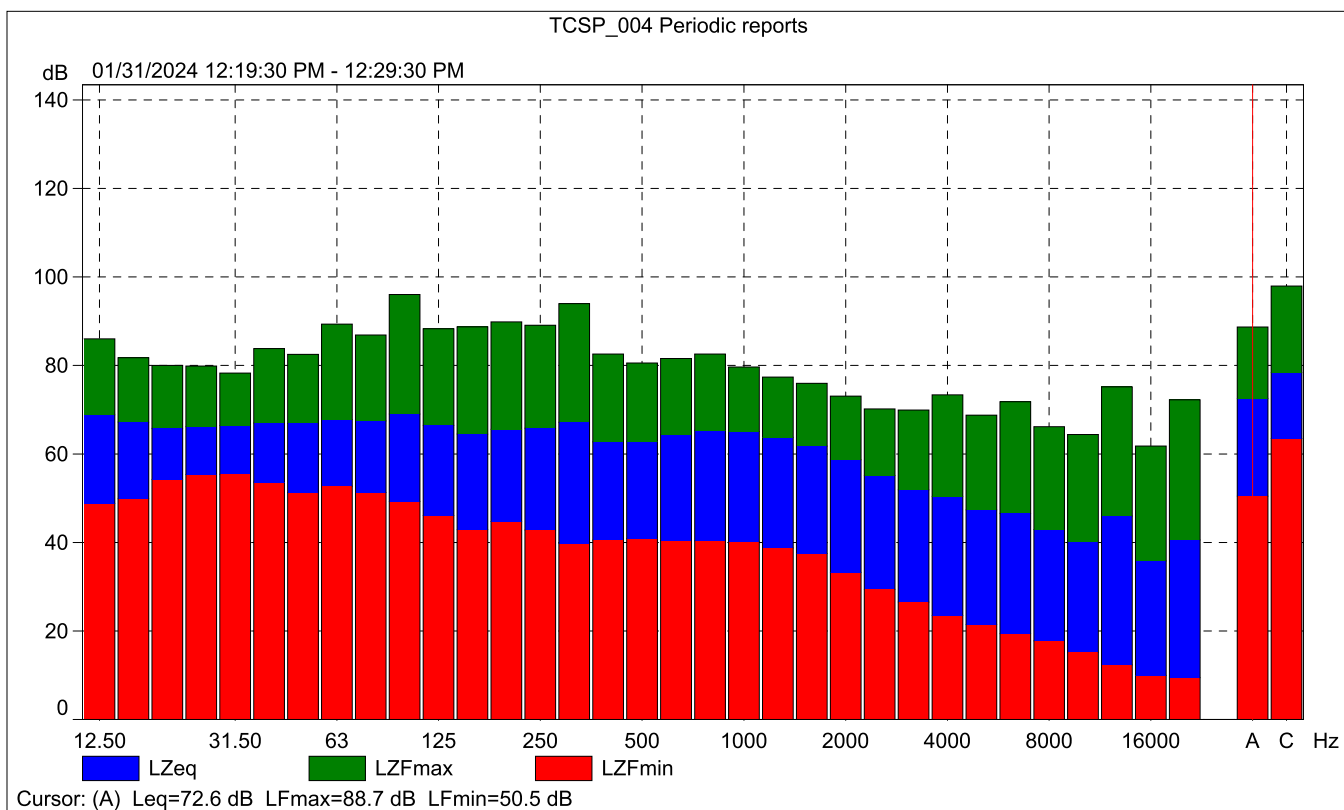
	Start time	Elapsed time	Overload [%]	LAleq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	75.6	75.9	73.3
Time	12:24:29 PM	0:00:01				
Date	01/31/2024					





TCSP_004 Periodic reports

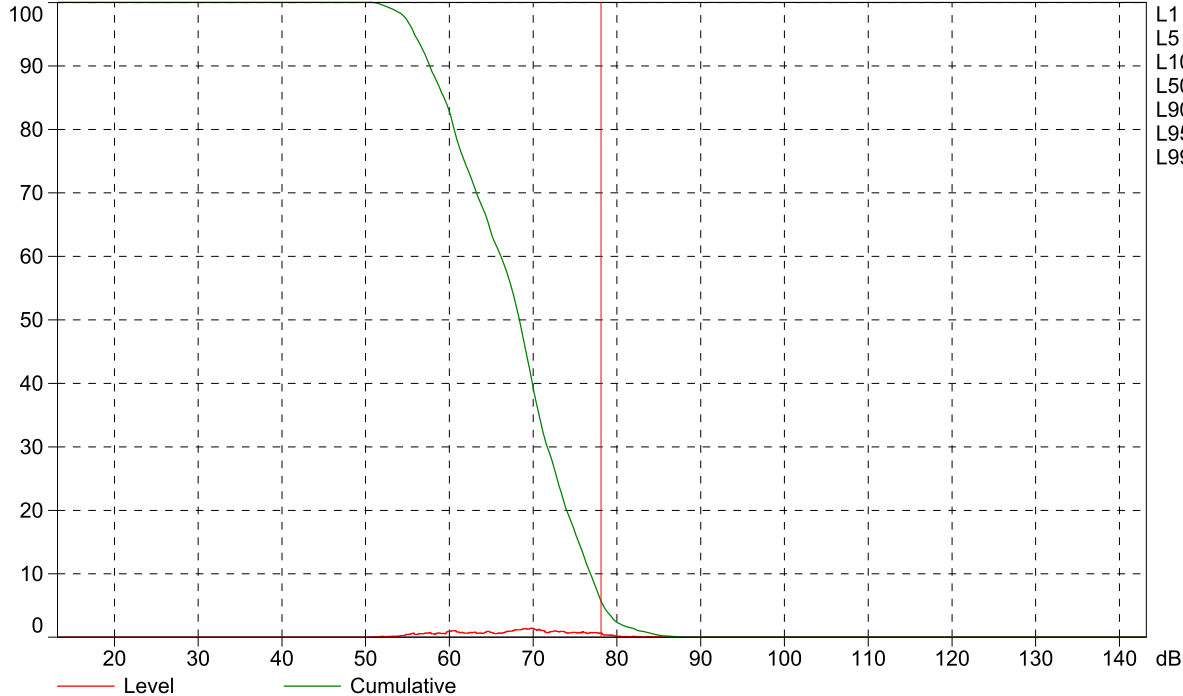
	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	74.5	88.7	50.5
Time	12:19:30 PM	0:10:00				
Date	01/31/2024					





TCSP_004 Periodic reports

% Based on LAF, 10ms Class width: 0.2 dB 01/31/2024 12:19:30 PM - 12:29:30 PM

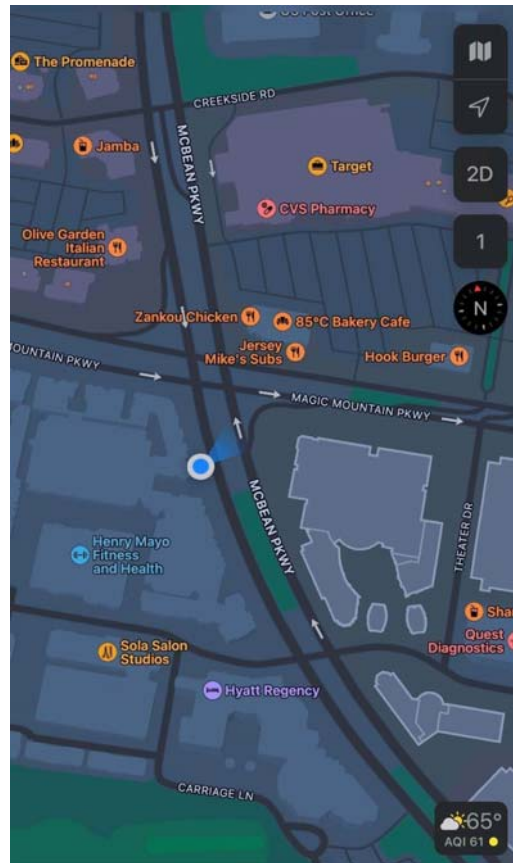


Cursor: [78.0 ; 78.2] dB Level: 0.7% Cumulative: 5.7%

Site Number: NM-5		
Recorded By: Darshan Shivaiah, Dennis Dinh		
Job Number: 190560		
Date: 1/31/2024		
Time: 12:41 p.m.		
Location: Approximately 100 feet south of the McBean Parkway and Magic Mountain Parkway intersection		
Source of Ambient Noise: Traffic from McBean Parkway		
Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
71.1	87.4	54.0

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	06/04/2023	
	Microphone	Brüel & Kjær	4189	3086765	06/04/2023	
	Preamp	Brüel & Kjær	ZC 0032	25380	06/04/2023	
	Calibrator	Brüel & Kjær	4231	2545667	06/04/2023	
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)	
	7 mph		62		29.97	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		01/31/2024 12:41:42
End Time:		01/31/2024 12:51:42
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.10

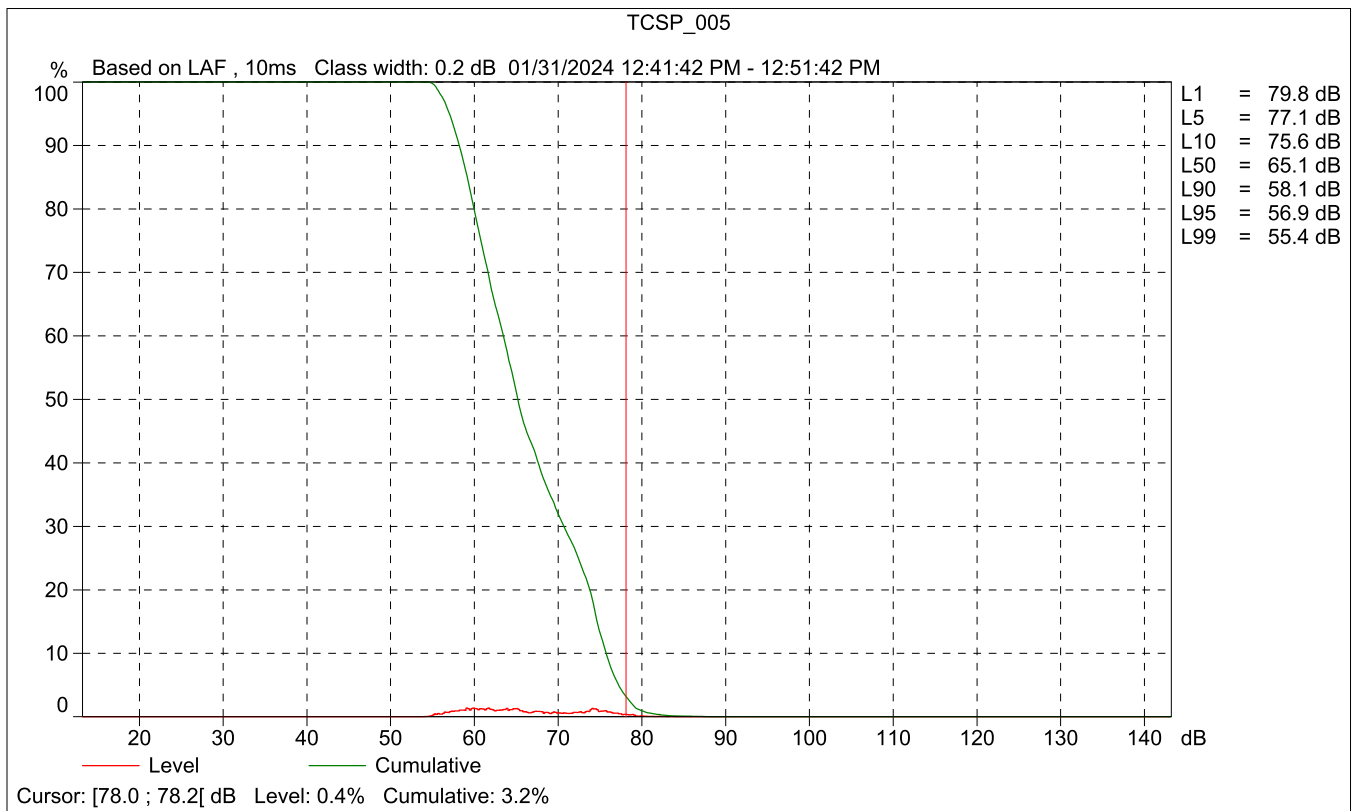
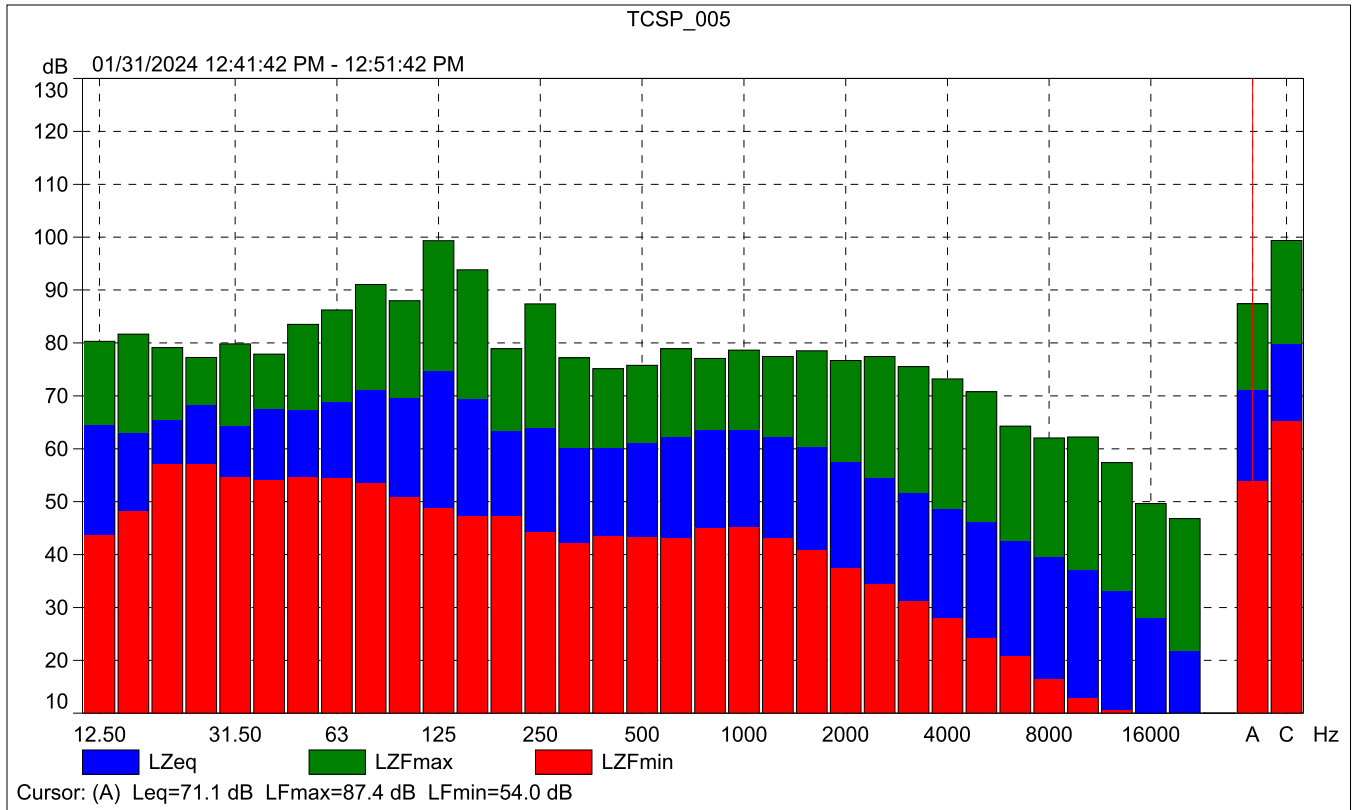
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

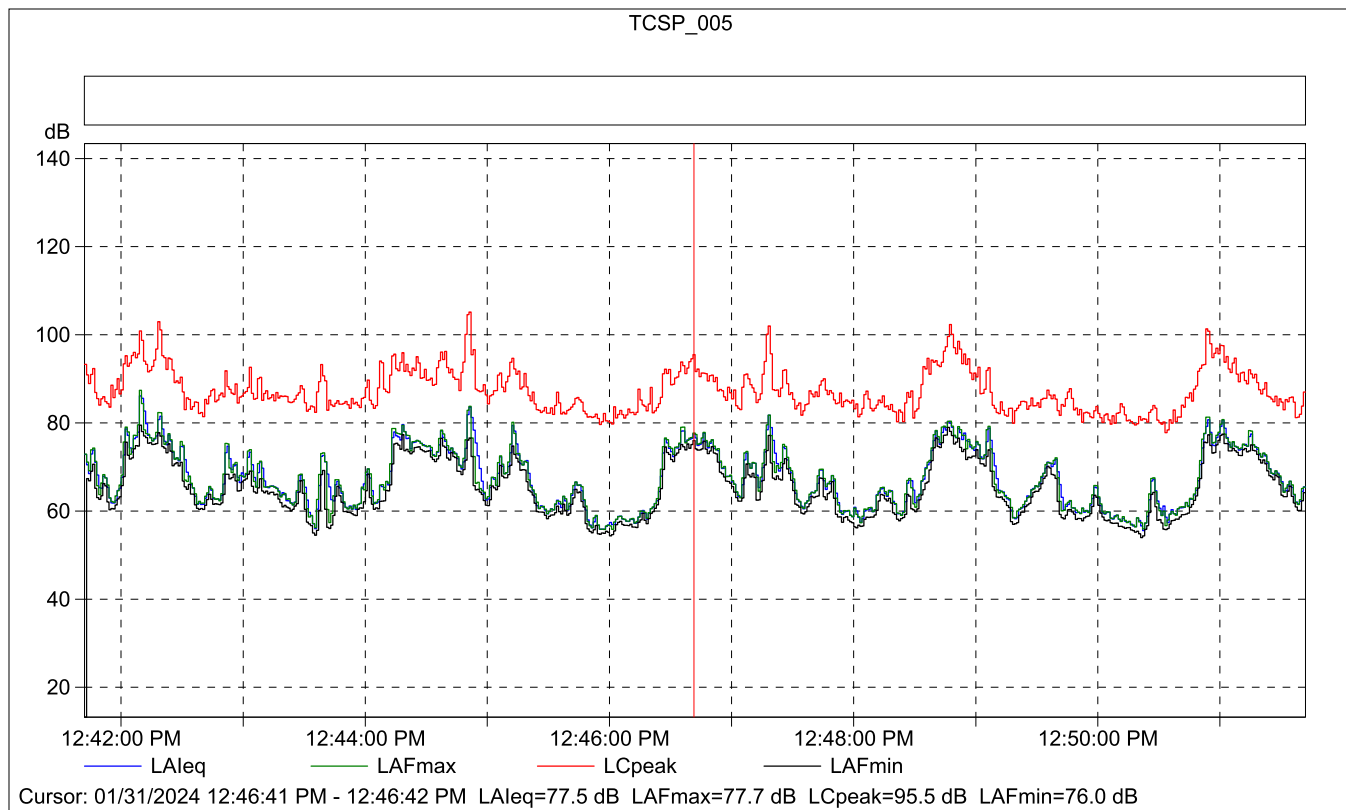
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		01/31/2024 10:42:30
Calibration Type:		External reference
Sensitivity:		43.7230058014393 mV/Pa

TCSP_005

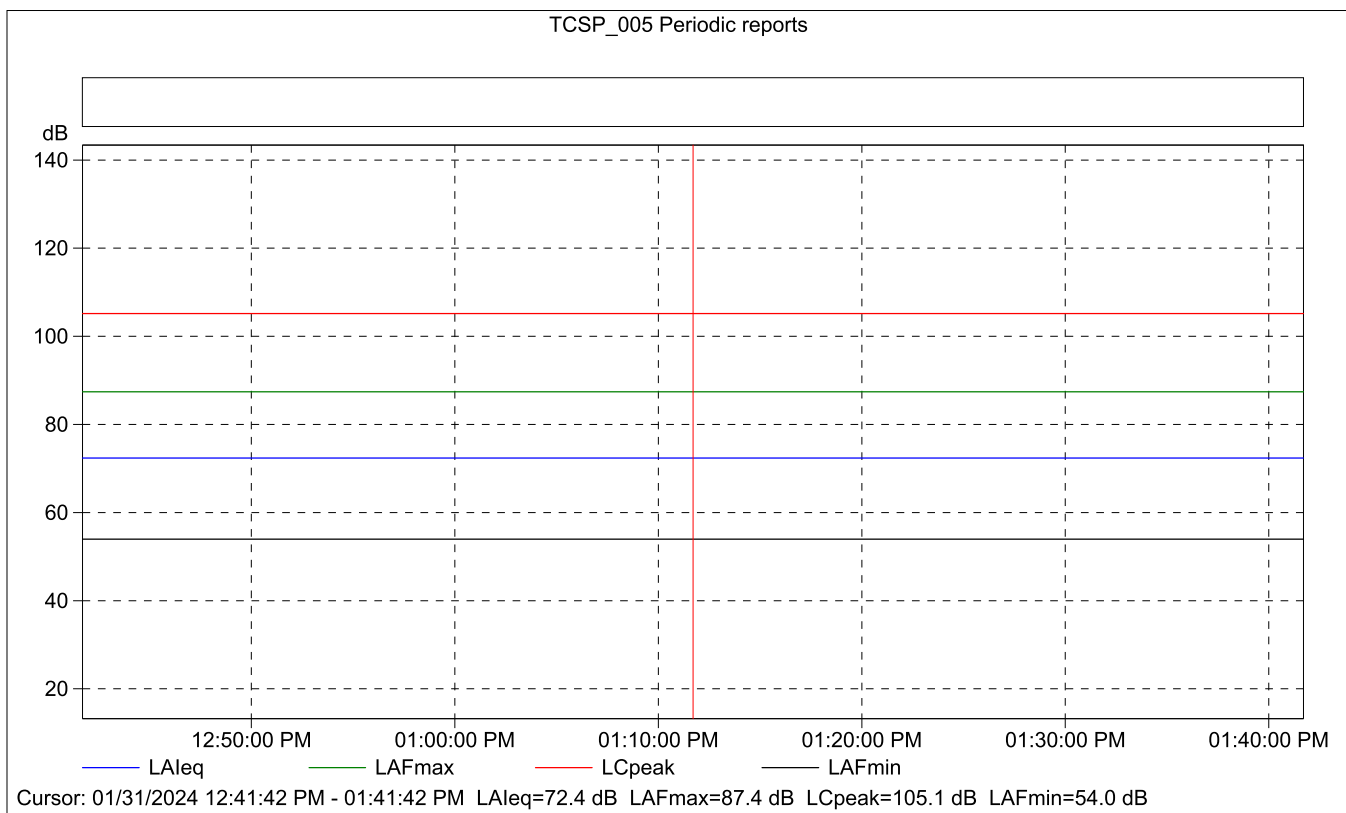
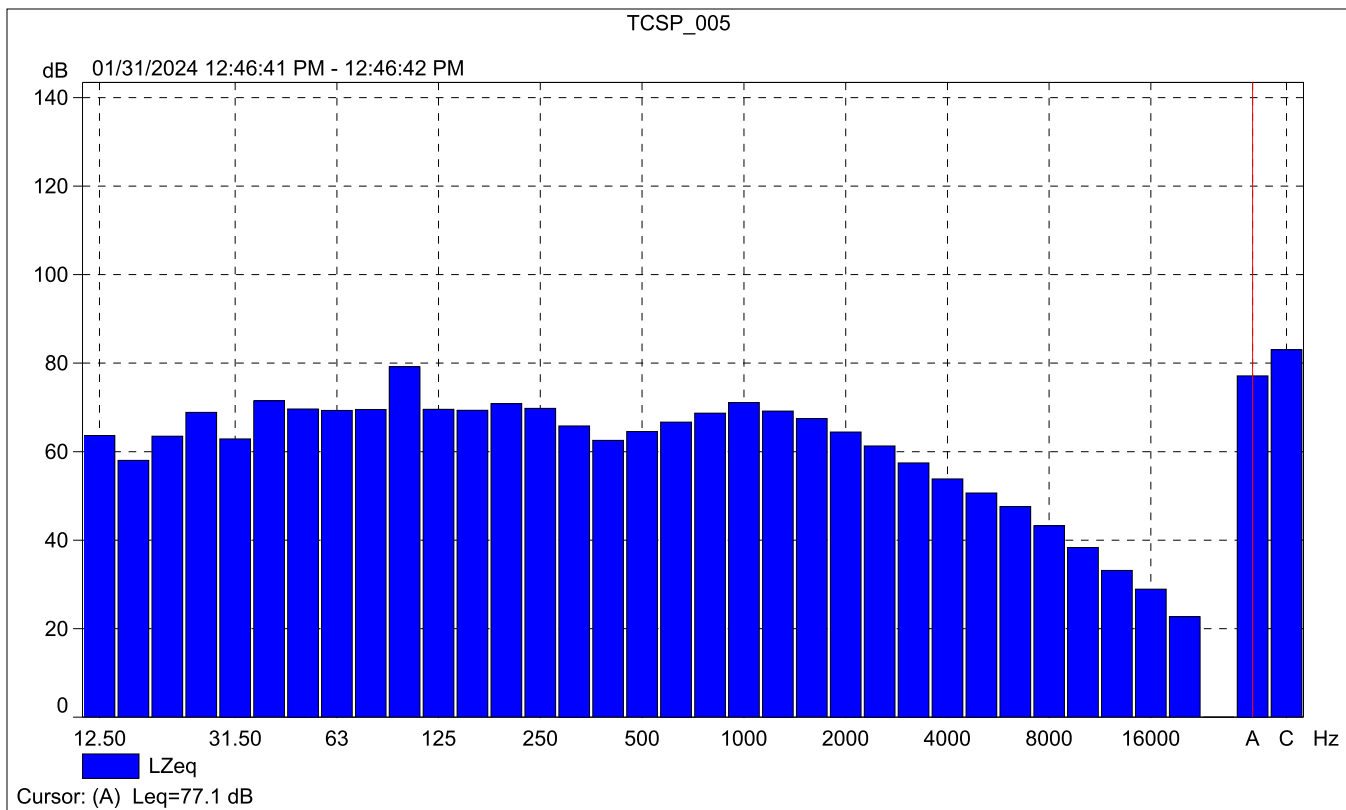
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	71.1	87.4	54.0
Time	12:41:42 PM	12:51:42 PM	0:10:00				
Date	01/31/2024	01/31/2024					





TCSP_005

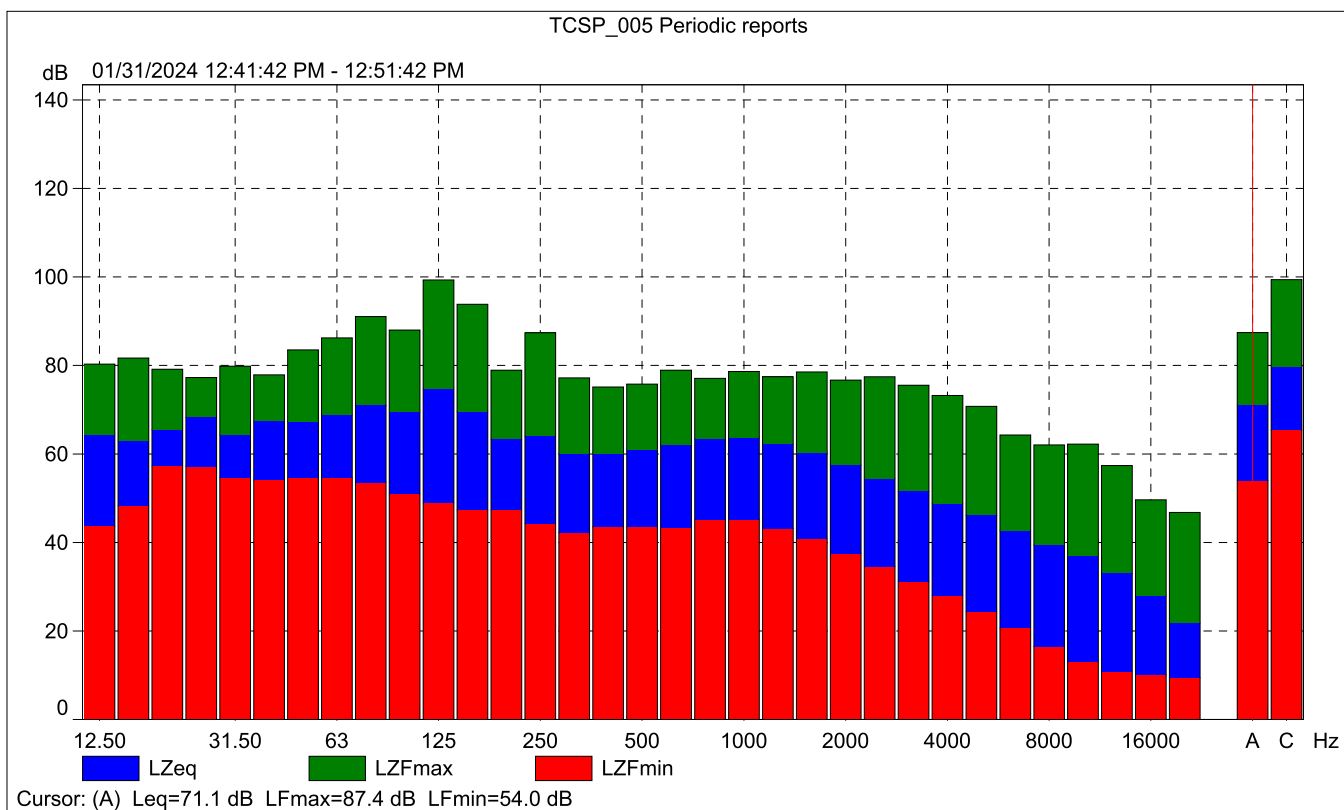
	Start time	Elapsed time	Overload [%]	LAleq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	77.5	77.7	76.0
Time	12:46:41 PM	0:00:01				
Date	01/31/2024					





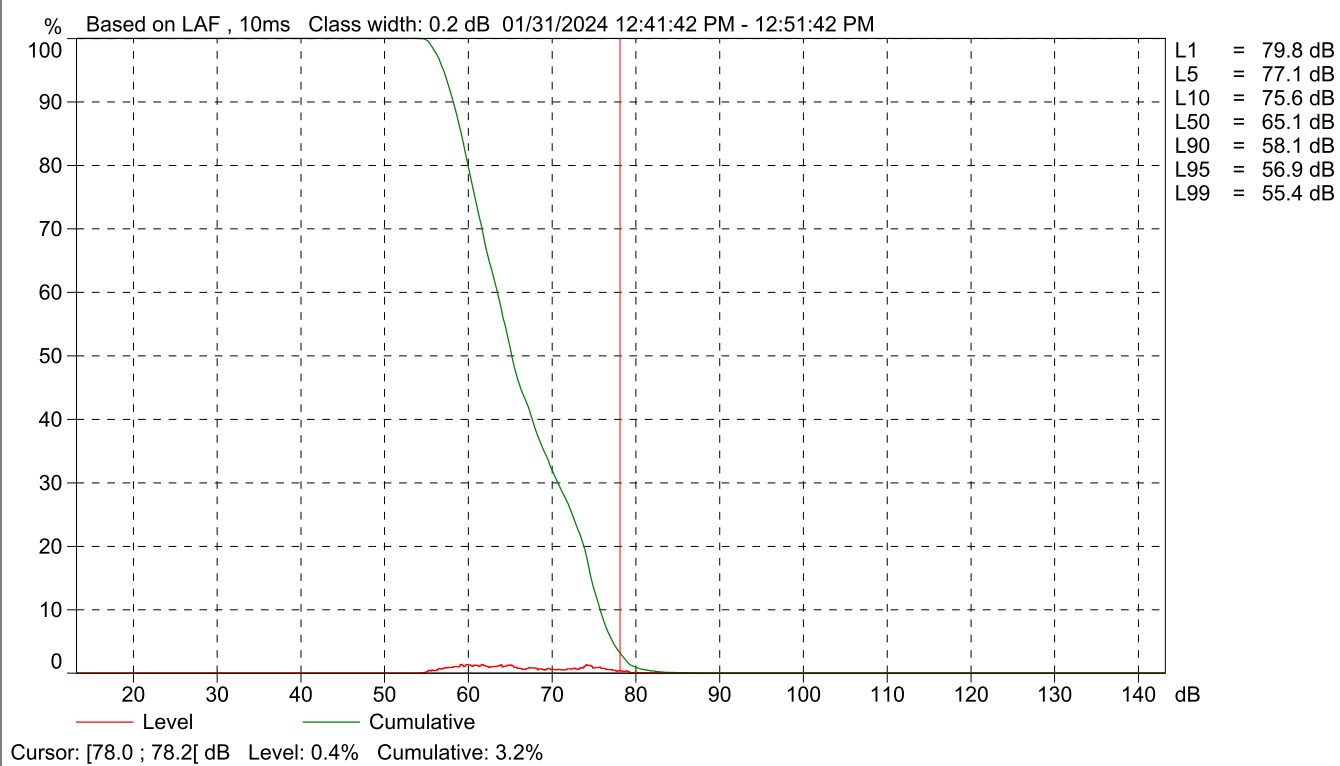
TCSP_005 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	72.4	87.4	54.0
Time	12:41:42 PM	0:10:00				
Date	01/31/2024					





TCSP_005 Periodic reports



TRAFFIC NOISE LEVELS AND NOISE CONTOURS

Project Number: 190560
 Project Name: Town Center Specific Plan
 Scenario: Existing

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
 Source of Traffic Volumes: Michael Baker International
 Community Noise Descriptor: L_{dn}: _____ CNEL: X

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.50%	12.90%	9.60%
Medium-Duty Trucks	84.80%	4.90%	10.30%
Heavy-Duty Trucks	86.50%	2.70%	10.80%

Analysis Condition

Roadway, Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix			Distance from Centerline of Roadway			
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	60 CNEL	55 CNEL	
Magic Mountain Parkway												
West of McBean Parkway	6	18	22,000	50	0.5	1.8%	0.7%	66.4	-	124	268	578
Between McBean Parkway and Auto Center Drive	6	18	22,000	45	0.5	1.8%	0.7%	65.3	-	105	226	488
Between Auto Center Drive and Valencia Boulevard	6	18	21,000	45	0.5	1.8%	0.7%	65.1	-	102	219	473
East of Valencia Boulevard	4	22	17,000	45	0.5	1.8%	0.7%	63.9	-	85	183	395
Valencia Boulevard												
North of Magic Mountain Parkway	6	18	44,000	45	0.5	1.8%	0.7%	68.3	77	167	359	774
Between Magic Mountain Parkway and Citrus Street	6	25	36,000	45	0.5	1.8%	0.7%	67.6	69	148	320	689
Between Citrus Street and Mall Entrance	6	25	36,000	45	0.5	1.8%	0.7%	67.6	69	148	320	689
Between Mall Entrance and McBean Parkway	6	6	37,000	45	0.5	1.8%	0.7%	67.4	67	145	312	673
South of McBean Parkway	7	16	38,000	50	0.5	1.8%	0.7%	69.0	85	184	396	853
McBean Parkway												
South of Valencia Boulevard	6	16	31,000	45	0.5	1.8%	0.7%	66.8	-	131	283	610
Between Mall Entrance and Valencia Boulevard	8	25	37,000	45	0.5	1.8%	0.7%	68.2	-	163	352	757
Between Town Center Drive and Mall Entrance	8	25	42,000	45	0.5	1.8%	0.7%	68.7	82	178	383	824
Between Magic Mountain Parkway and Town Center Drive	8	21	44,000	45	0.5	1.8%	0.7%	68.8	84	180	389	838
North of Magic Mountain Parkway2	10	5	54,000	45	0.5	1.8%	0.7%	69.9	99	213	460	990
Citrus Street												
Between Magic Mountain Parkway and Valencia Boulevard	4	0	2,000	35	0.5	1.8%	0.7%	52.0	-	-	-	63

"-" = contour is located within the roadway right-of-way.

TRAFFIC NOISE LEVELS AND NOISE CONTOURS

Project Number: 190560
 Project Name: Town Center Specific Plan
 Scenario: Existing+Low Buildout

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
 Source of Traffic Volumes: Michael Baker International
 Community Noise Descriptor: L_{dn}: _____ CNEL: X

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.50%	12.90%	9.60%
Medium-Duty Trucks	84.80%	4.90%	10.30%
Heavy-Duty Trucks	86.50%	2.70%	10.80%

Analysis Condition

Roadway_Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix			Distance from Centerline of Roadway			
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	60 CNEL	55 CNEL	
Magic Mountain Parkway												
West of McBean Parkway	6	18	23,100	50	0.5	1.8%	0.7%	66.6	-	129	277	597
Between McBean Parkway and Auto Center Drive	6	18	22,800	45	0.5	1.8%	0.7%	65.5	-	108	232	499
Between Auto Center Drive and Valencia Boulevard	6	18	21,500	45	0.5	1.8%	0.7%	65.2	-	103	223	480
East of Valencia Boulevard	4	22	17,800	45	0.5	1.8%	0.7%	64.1	-	88	189	407
Valencia Boulevard												
North of Magic Mountain Parkway	6	18	45,400	45	0.5	1.8%	0.7%	68.5	79	170	367	790
Between Magic Mountain Parkway and Citrus Street	6	25	36,300	45	0.5	1.8%	0.7%	67.6	69	149	321	693
Between Citrus Street and Mall Entrance	6	25	36,000	45	0.5	1.8%	0.7%	67.6	69	148	320	689
Between Mall Entrance and McBean Parkway	6	6	37,500	45	0.5	1.8%	0.7%	67.5	68	146	315	679
South of McBean Parkway	7	16	38,700	50	0.5	1.8%	0.7%	69.0	86	186	401	863
McBean Parkway												
South of Valencia Boulevard	6	16	32,400	45	0.5	1.8%	0.7%	67.0	-	135	292	628
Between Mall Entrance and Valencia Boulevard	8	25	38,100	45	0.5	1.8%	0.7%	68.3	-	166	359	772
Between Town Center Drive and Mall Entrance	8	25	42,800	45	0.5	1.8%	0.7%	68.8	83	180	387	835
Between Magic Mountain Parkway and Town Center Drive	8	21	45,700	45	0.5	1.8%	0.7%	69.0	86	185	399	859
North of Magic Mountain Parkway2	10	5	54,900	45	0.5	1.8%	0.7%	70.0	100	216	465	1,001
Citrus Street												
Between Magic Mountain Parkway and Valencia Boulevard	4	0	2,500	35	0.5	1.8%	0.7%	52.9	-	-	-	73

"-" = contour is located within the roadway right-of-way.

TRAFFIC NOISE LEVELS AND NOISE CONTOURS

Project Number: 190560
Project Name: Town Center Specific Plan
Scenario: Existing+Full Buildout

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
 Source of Traffic Volumes: Michael Baker International
 Community Noise Descriptor: L_{dn} : _____ CNEL: X

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.50%	12.90%	9.60%
Medium-Duty Trucks	84.80%	4.90%	10.30%
Heavy-Duty Trucks	86.50%	2.70%	10.80%

Analysis Condition

Roadway, Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix			Distance from Centerline of Roadway			
						Medium Trucks	Heavy Trucks	Vehicle Mix	CNEL at 100 Feet	70 CNEL	60 CNEL	55 CNEL
Magic Mountain Parkway												
West of McBean Parkway	6	18	24,000	50	0.5	1.8%	0.7%	66.8	-	132	284	612
Between McBean Parkway and Auto Center Drive	6	18	22,700	45	0.5	1.8%	0.7%	65.5	-	107	231	498
Between Auto Center Drive and Valencia Boulevard	6	18	22,200	45	0.5	1.8%	0.7%	65.4	-	106	228	491
East of Valencia Boulevard	4	22	18,300	45	0.5	1.8%	0.7%	64.3	-	89	193	415
Valencia Boulevard												
North of Magic Mountain Parkway	6	18	44,800	45	0.5	1.8%	0.7%	68.4	78	169	364	783
Between Magic Mountain Parkway and Citrus Street	6	25	35,800	45	0.5	1.8%	0.7%	67.5	69	148	319	686
Between Citrus Street and Mall Entrance	6	25	35,600	45	0.5	1.8%	0.7%	67.5	-	147	317	684
Between Mall Entrance and McBean Parkway	6	6	37,100	45	0.5	1.8%	0.7%	67.4	67	145	313	674
South of McBean Parkway	7	16	38,700	50	0.5	1.8%	0.7%	69.0	86	186	401	863
McBean Parkway												
South of Valencia Boulevard	6	16	32,200	45	0.5	1.8%	0.7%	66.9	-	135	290	626
Between Mall Entrance and Valencia Boulevard	8	25	38,300	45	0.5	1.8%	0.7%	68.3	-	167	360	775
Between Town Center Drive and Mall Entrance	8	25	44,400	45	0.5	1.8%	0.7%	69.0	86	184	397	855
Between Magic Mountain Parkway and Town Center Drive	8	21	46,300	45	0.5	1.8%	0.7%	69.1	87	187	402	866
North of Magic Mountain Parkway2	10	5	55,300	45	0.5	1.8%	0.7%	70.0	101	217	467	1,006
Citrus Street												
Between Magic Mountain Parkway and Valencia Boulevard	4	0	2,300	35	0.5	1.8%	0.7%	52.6	-	-	-	69

"." = contour is located within the roadway right-of-way.

TRAFFIC NOISE LEVELS AND NOISE CONTOURS

Project Number: 190560
 Project Name: Town Center Specific Plan
 Scenario: Existing+High Buildout

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
 Source of Traffic Volumes: Michael Baker International
 Community Noise Descriptor: L_{dn}: _____ CNEL: X

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.50%	12.90%	9.60%
Medium-Duty Trucks	84.80%	4.90%	10.30%
Heavy-Duty Trucks	86.50%	2.70%	10.80%

Analysis Condition

Roadway, Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix			Distance from Centerline of Roadway			
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	60 CNEL	55 CNEL	
Magic Mountain Parkway												
West of McBean Parkway	6	18	25,000	50	0.5	1.8%	0.7%	67.0	-	136	292	629
Between McBean Parkway and Auto Center Drive	6	18	22,900	45	0.5	1.8%	0.7%	65.5	-	108	232	501
Between Auto Center Drive and Valencia Boulevard	6	18	23,000	45	0.5	1.8%	0.7%	65.5	-	108	233	502
East of Valencia Boulevard	4	22	18,800	45	0.5	1.8%	0.7%	64.4	-	91	196	422
Valencia Boulevard												
North of Magic Mountain Parkway	6	18	45,500	45	0.5	1.8%	0.7%	68.5	79	171	367	792
Between Magic Mountain Parkway and Citrus Street	6	25	36,400	45	0.5	1.8%	0.7%	67.6	69	149	322	694
Between Citrus Street and Mall Entrance	6	25	36,100	45	0.5	1.8%	0.7%	67.6	69	149	320	690
Between Mall Entrance and McBean Parkway	6	6	37,600	45	0.5	1.8%	0.7%	67.5	68	146	316	680
South of McBean Parkway	7	16	38,800	50	0.5	1.8%	0.7%	69.1	86	186	401	865
McBean Parkway												
South of Valencia Boulevard	6	16	32,500	45	0.5	1.8%	0.7%	67.0	-	136	292	630
Between Mall Entrance and Valencia Boulevard	8	25	38,500	45	0.5	1.8%	0.7%	68.4	-	168	361	778
Between Town Center Drive and Mall Entrance	8	25	46,100	45	0.5	1.8%	0.7%	69.1	88	189	407	877
Between Magic Mountain Parkway and Town Center Drive	8	21	47,000	45	0.5	1.8%	0.7%	69.1	88	189	406	875
North of Magic Mountain Parkway2	10	5	55,700	45	0.5	1.8%	0.7%	70.1	101	218	469	1,011
Citrus Street												
Between Magic Mountain Parkway and Valencia Boulevard	4	0	2,600	35	0.5	1.8%	0.7%	53.1	-	-	-	75

"." = contour is located within the roadway right-of-way.

TRAFFIC NOISE LEVELS AND NOISE CONTOURS

Project Number: 190560
 Project Name: Town Center Specific Plan
 Scenario: Future

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
 Source of Traffic Volumes: Michael Baker International
 Community Noise Descriptor: L_{dn}: _____ CNEL: X

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.50%	12.90%	9.60%
Medium-Duty Trucks	84.80%	4.90%	10.30%
Heavy-Duty Trucks	86.50%	2.70%	10.80%

Analysis Condition

Roadway, Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix			Distance from Centerline of Roadway			
						Medium Trucks	Heavy Trucks	Vehicle Mix	CNEL at 100 Feet	70 CNEL	60 CNEL	55 CNEL
Magic Mountain Parkway												
West of McBean Parkway	6	18	66,600	50	0.5	1.8%	0.7%	71.2	121	260	561	1,209
Between McBean Parkway and Auto Center Drive	6	18	58,800	45	0.5	1.8%	0.7%	69.6	94	202	436	939
Between Auto Center Drive and Valencia Boulevard	6	18	65,000	45	0.5	1.8%	0.7%	70.0	100	216	466	1,004
East of Valencia Boulevard	4	22	56,800	45	0.5	1.8%	0.7%	69.2	88	190	410	883
Valencia Boulevard												
North of Magic Mountain Parkway	6	18	62,500	45	0.5	1.8%	0.7%	69.9	98	211	454	978
Between Magic Mountain Parkway and Citrus Street	6	25	41,400	45	0.5	1.8%	0.7%	68.2	76	163	351	756
Between Citrus Street and Mall Entrance	6	25	41,200	45	0.5	1.8%	0.7%	68.2	75	162	350	754
Between Mall Entrance and McBean Parkway	6	6	52,500	45	0.5	1.8%	0.7%	68.9	85	183	394	849
South of McBean Parkway	7	16	61,500	50	0.5	1.8%	0.7%	71.1	118	253	546	1,176
McBean Parkway												
South of Valencia Boulevard	6	16	43,900	45	0.5	1.8%	0.7%	68.3	77	166	357	769
Between Mall Entrance and Valencia Boulevard	8	25	51,700	45	0.5	1.8%	0.7%	69.6	95	204	439	947
Between Town Center Drive and Mall Entrance	8	25	62,300	45	0.5	1.8%	0.7%	70.5	107	231	498	1,072
Between Magic Mountain Parkway and Town Center Drive	8	21	61,500	45	0.5	1.8%	0.7%	70.3	105	226	486	1,047
North of Magic Mountain Parkway2	10	5	62,000	45	0.5	1.8%	0.7%	70.5	109	234	504	1,086
Citrus Street												
Between Magic Mountain Parkway and Valencia Boulevard	4	0	2,800	35	0.5	1.8%	0.7%	53.4	-	-	-	79

"-" = contour is located within the roadway right-of-way.

TRAFFIC NOISE LEVELS AND NOISE CONTOURS

Project Number: 190560
 Project Name: Town Center Specific Plan
 Scenario: Future+Low Buildout

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
 Source of Traffic Volumes: Michael Baker International
 Community Noise Descriptor: L_{dn}: _____ CNEL: X

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.50%	12.90%	9.60%
Medium-Duty Trucks	84.80%	4.90%	10.30%
Heavy-Duty Trucks	86.50%	2.70%	10.80%

Analysis Condition

Roadway, Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix			Distance from Centerline of Roadway			
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	60 CNEL	55 CNEL	
Magic Mountain Parkway												
West of McBean Parkway	6	18	67,700	50	0.5	1.8%	0.7%	71.3	122	263	567	1,222
Between McBean Parkway and Auto Center Drive	6	18	59,600	45	0.5	1.8%	0.7%	69.6	95	204	440	948
Between Auto Center Drive and Valencia Boulevard	6	18	65,500	45	0.5	1.8%	0.7%	70.1	101	217	468	1,009
East of Valencia Boulevard	4	22	57,600	45	0.5	1.8%	0.7%	69.2	89	192	414	891
Valencia Boulevard												
North of Magic Mountain Parkway	6	18	63,900	45	0.5	1.8%	0.7%	70.0	99	214	461	993
Between Magic Mountain Parkway and Citrus Street	6	25	41,700	45	0.5	1.8%	0.7%	68.2	76	164	353	760
Between Citrus Street and Mall Entrance	6	25	41,200	45	0.5	1.8%	0.7%	68.2	75	162	350	754
Between Mall Entrance and McBean Parkway	6	6	53,000	45	0.5	1.8%	0.7%	69.0	85	184	397	855
South of McBean Parkway	7	16	62,200	50	0.5	1.8%	0.7%	71.1	118	255	550	1,185
McBean Parkway												
South of Valencia Boulevard	6	16	45,300	45	0.5	1.8%	0.7%	68.4	79	169	365	786
Between Mall Entrance and Valencia Boulevard	8	25	52,800	45	0.5	1.8%	0.7%	69.7	96	207	446	960
Between Town Center Drive and Mall Entrance	8	25	63,100	45	0.5	1.8%	0.7%	70.5	108	233	502	1,081
Between Magic Mountain Parkway and Town Center Drive	8	21	63,200	45	0.5	1.8%	0.7%	70.4	107	230	495	1,066
North of Magic Mountain Parkway2	10	5	62,900	45	0.5	1.8%	0.7%	70.6	110	236	509	1,096
Citrus Street												
Between Magic Mountain Parkway and Valencia Boulevard	4	0	3,300	35	0.5	1.8%	0.7%	54.1	-	-	-	88

"-" = contour is located within the roadway right-of-way.

TRAFFIC NOISE LEVELS AND NOISE CONTOURS

Project Number: 190560
 Project Name: Town Center Specific Plan
 Scenario: Future+Full Buildout

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
 Source of Traffic Volumes: Michael Baker International
 Community Noise Descriptor: L_{dn}: _____ CNEL: X

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.50%	12.90%	9.60%
Medium-Duty Trucks	84.80%	4.90%	10.30%
Heavy-Duty Trucks	86.50%	2.70%	10.80%

Analysis Condition

Roadway, Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix			Distance from Centerline of Roadway					
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL		
Magic Mountain Parkway														
West of McBean Parkway	6	18	68,600	50	0.5	1.8%	0.7%	71.4	123	266	572	1,233		
Between McBean Parkway and Auto Center Drive	6	18	59,500	45	0.5	1.8%	0.7%	69.6	95	204	439	947		
Between Auto Center Drive and Valencia Boulevard	6	18	66,200	45	0.5	1.8%	0.7%	70.1	102	219	472	1,016		
East of Valencia Boulevard	4	22	58,100	45	0.5	1.8%	0.7%	69.3	90	193	416	896		
Valencia Boulevard														
North of Magic Mountain Parkway	6	18	63,300	45	0.5	1.8%	0.7%	69.9	99	213	458	986		
Between Magic Mountain Parkway and Citrus Street	6	25	41,200	45	0.5	1.8%	0.7%	68.2	75	162	350	754		
Between Citrus Street and Mall Entrance	6	25	40,800	45	0.5	1.8%	0.7%	68.1	75	161	348	749		
Between Mall Entrance and McBean Parkway	6	6	52,600	45	0.5	1.8%	0.7%	68.9	85	183	395	850		
South of McBean Parkway	7	16	62,200	50	0.5	1.8%	0.7%	71.1	118	255	550	1,185		
McBean Parkway														
South of Valencia Boulevard	6	16	45,100	45	0.5	1.8%	0.7%	68.4	78	169	364	783		
Between Mall Entrance and Valencia Boulevard	8	25	53,000	45	0.5	1.8%	0.7%	69.8	96	207	447	963		
Between Town Center Drive and Mall Entrance	8	25	64,700	45	0.5	1.8%	0.7%	70.6	110	237	510	1,099		
Between Magic Mountain Parkway and Town Center Drive	8	21	63,800	45	0.5	1.8%	0.7%	70.5	107	231	498	1,073		
North of Magic Mountain Parkway2	10	5	63,300	45	0.5	1.8%	0.7%	70.6	110	237	511	1,101		
Citrus Street														
Between Magic Mountain Parkway and Valencia Boulevard	4	0	3,100	35	0.5	1.8%	0.7%	53.9	-	-	-	84		

"-" = contour is located within the roadway right-of-way.

TRAFFIC NOISE LEVELS AND NOISE CONTOURS

Project Number: 190560
 Project Name: Town Center Specific Plan
 Scenario: Future+High Buildout

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
 Source of Traffic Volumes: Michael Baker International
 Community Noise Descriptor: L_{dn}: _____ CNEL: X

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.50%	12.90%	9.60%
Medium-Duty Trucks	84.80%	4.90%	10.30%
Heavy-Duty Trucks	86.50%	2.70%	10.80%

Analysis Condition

Roadway, Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix			Distance from Centerline of Roadway					
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL		
Magic Mountain Parkway														
West of McBean Parkway	6	18	69,600	50	0.5	1.8%	0.7%	71.4	125	268	578	1,245		
Between McBean Parkway and Auto Center Drive	6	18	59,700	45	0.5	1.8%	0.7%	69.7	95	204	440	949		
Between Auto Center Drive and Valencia Boulevard	6	18	67,000	45	0.5	1.8%	0.7%	70.2	102	221	476	1,025		
East of Valencia Boulevard	4	22	58,600	45	0.5	1.8%	0.7%	69.3	90	194	418	901		
Valencia Boulevard														
North of Magic Mountain Parkway	6	18	64,000	45	0.5	1.8%	0.7%	70.0	99	214	461	994		
Between Magic Mountain Parkway and Citrus Street	6	25	41,800	45	0.5	1.8%	0.7%	68.2	76	164	353	761		
Between Citrus Street and Mall Entrance	6	25	41,300	45	0.5	1.8%	0.7%	68.2	75	163	350	755		
Between Mall Entrance and McBean Parkway	6	6	53,100	45	0.5	1.8%	0.7%	69.0	86	184	397	856		
South of McBean Parkway	7	16	62,300	50	0.5	1.8%	0.7%	71.1	119	255	550	1,186		
McBean Parkway														
South of Valencia Boulevard	6	16	45,400	45	0.5	1.8%	0.7%	68.4	79	170	365	787		
Between Mall Entrance and Valencia Boulevard	8	25	53,200	45	0.5	1.8%	0.7%	69.8	96	208	448	965		
Between Town Center Drive and Mall Entrance	8	25	66,400	45	0.5	1.8%	0.7%	70.7	112	241	519	1,119		
Between Magic Mountain Parkway and Town Center Drive	8	21	64,500	45	0.5	1.8%	0.7%	70.5	108	233	502	1,081		
North of Magic Mountain Parkway2	10	5	63,700	45	0.5	1.8%	0.7%	70.7	111	238	513	1,106		
Citrus Street														
Between Magic Mountain Parkway and Valencia Boulevard	4	0	3,400	35	0.5	1.8%	0.7%	54.3	-	-	-	89		

"-" = contour is located within the roadway right-of-way.