

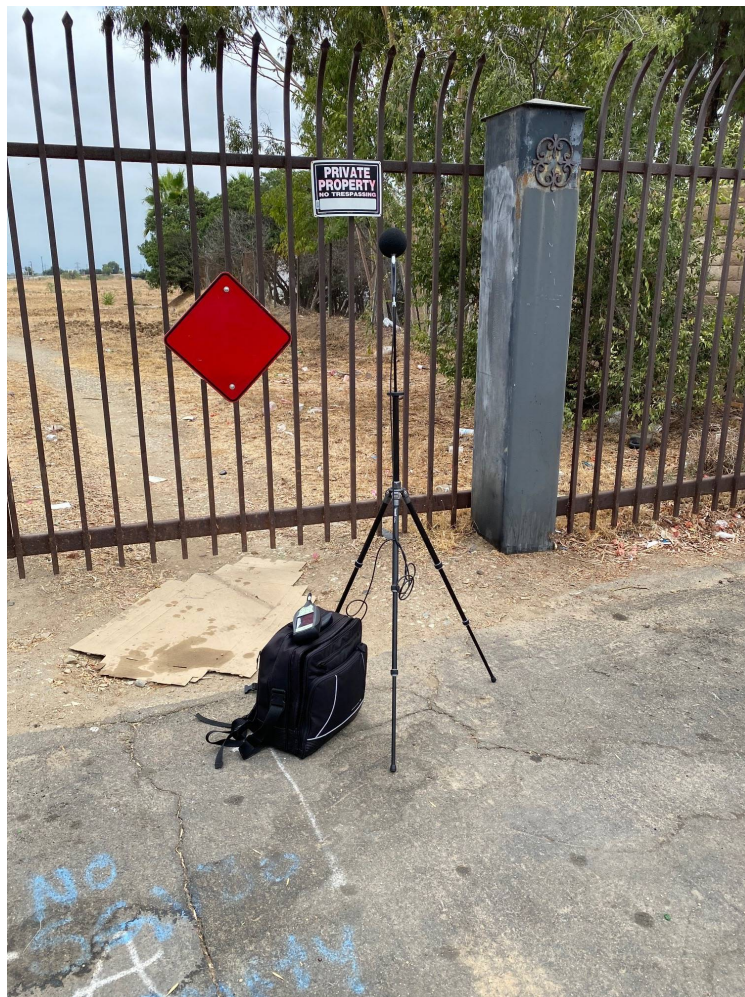
Appendix E

Noise Data

Site Number: Beverly Boulevard Warehouse Site #1			
Recorded By: Pierre Glaize			
Job Number: 179201			
Date: 08/06/2020			
Time: 10:33 a.m.			
Location: End of Eduardo Avenue, adjacent to the project site.			
Source of Peak Noise: Interstate 605			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
69.4	74.7	65.1	98.9

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: Cloudy		
	Note: dBA Offset = -0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	4 mph		72°		29.92	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		08/06/2020 10:33:22
End Time:		08/06/2020 10:43:22
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.15

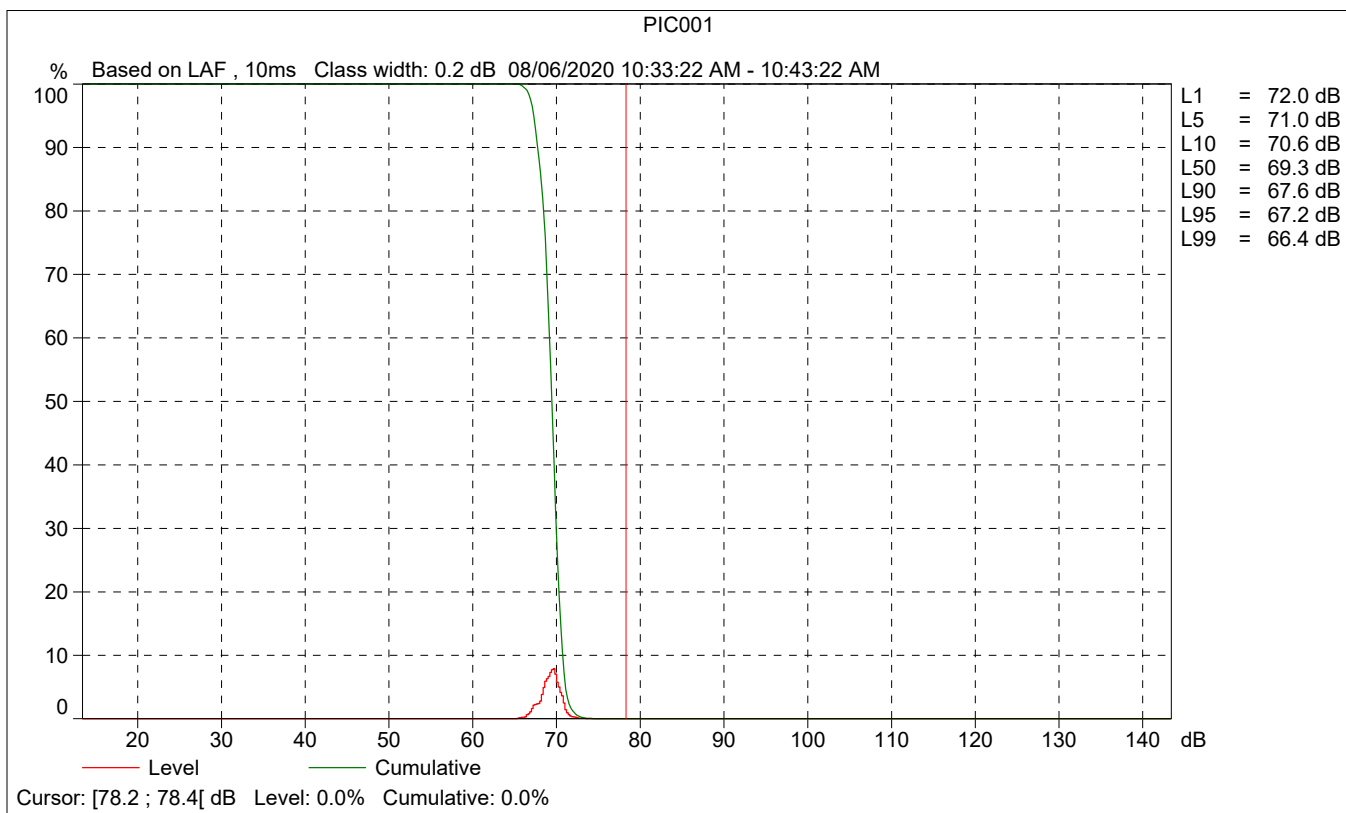
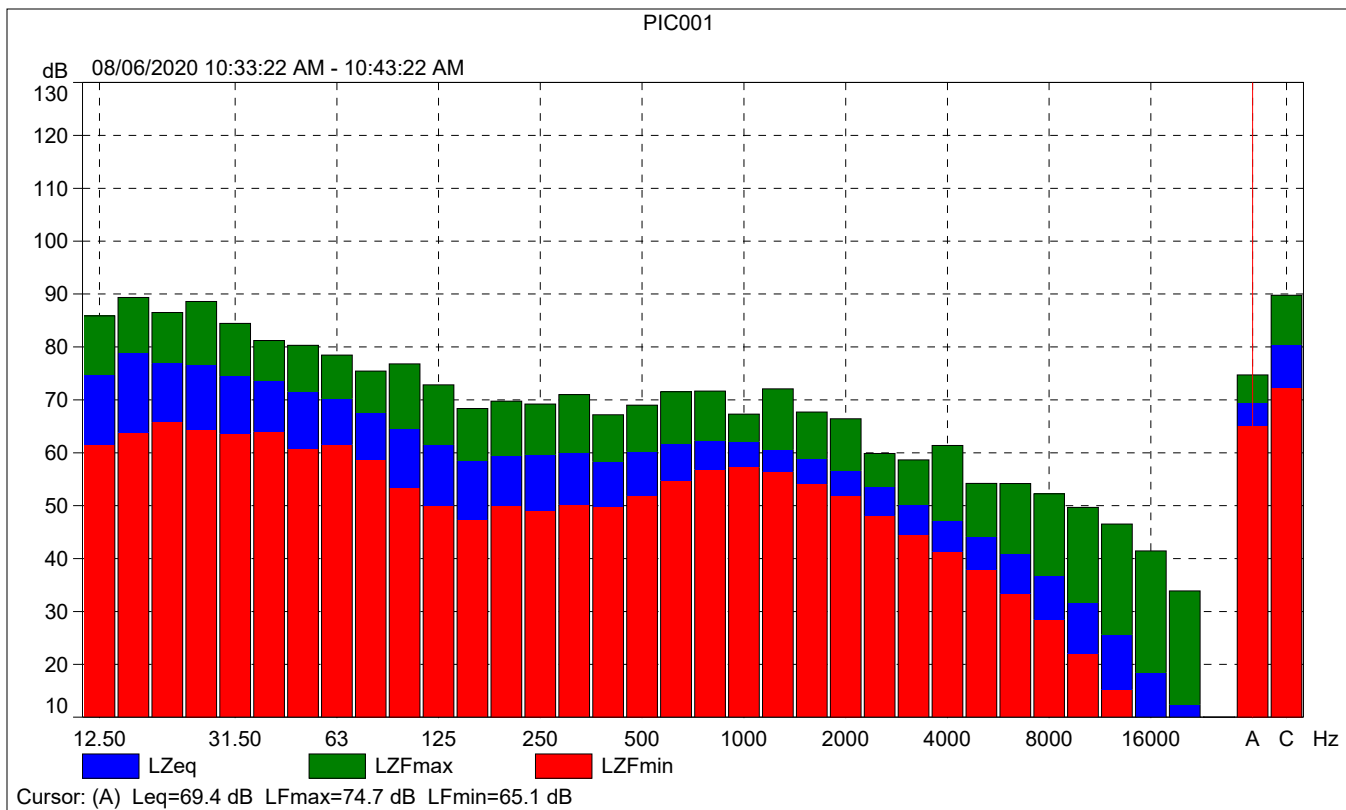
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

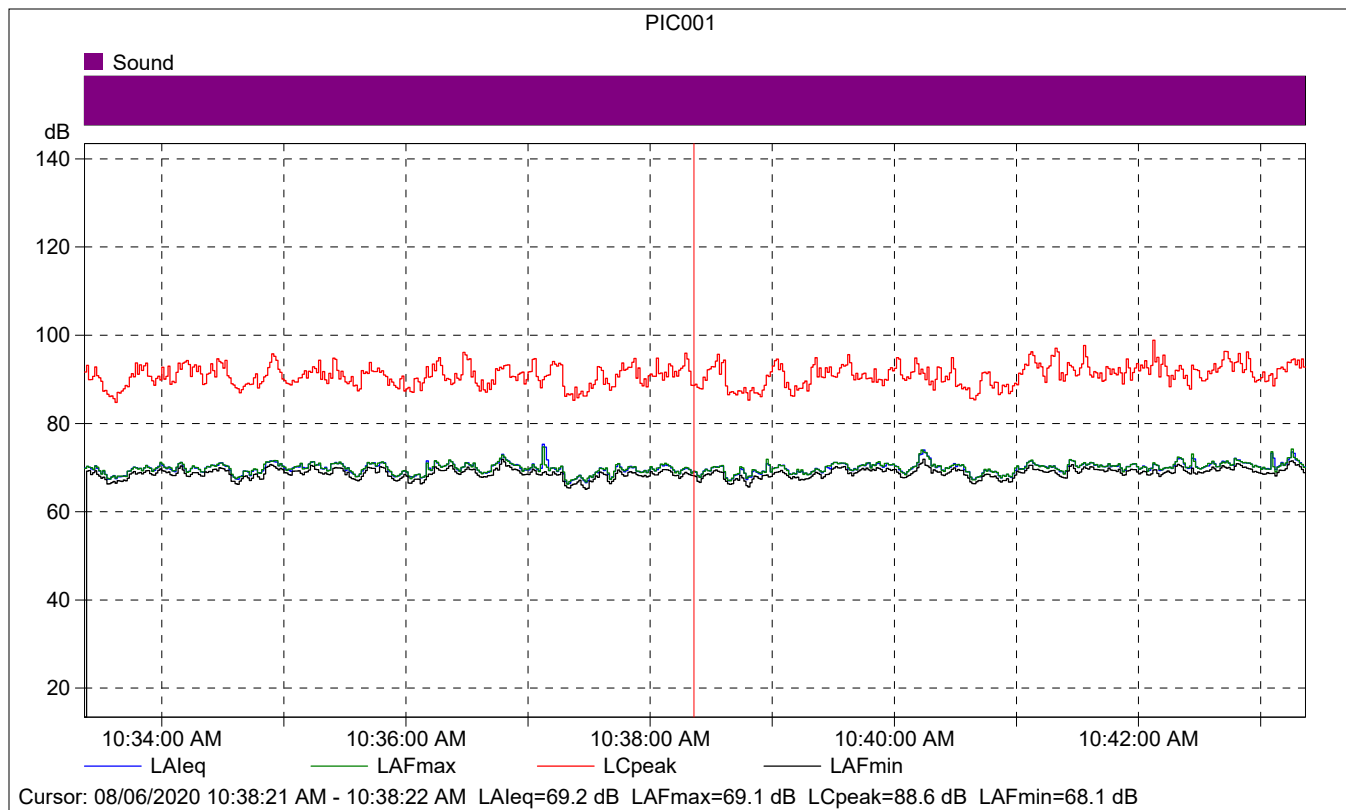
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		None
Sound Field Correction:		Free-field

Calibration Time:		08/06/2020 07:46:32
Calibration Type:		External reference
Sensitivity:		43.5005761682987 mV/Pa

PIC001

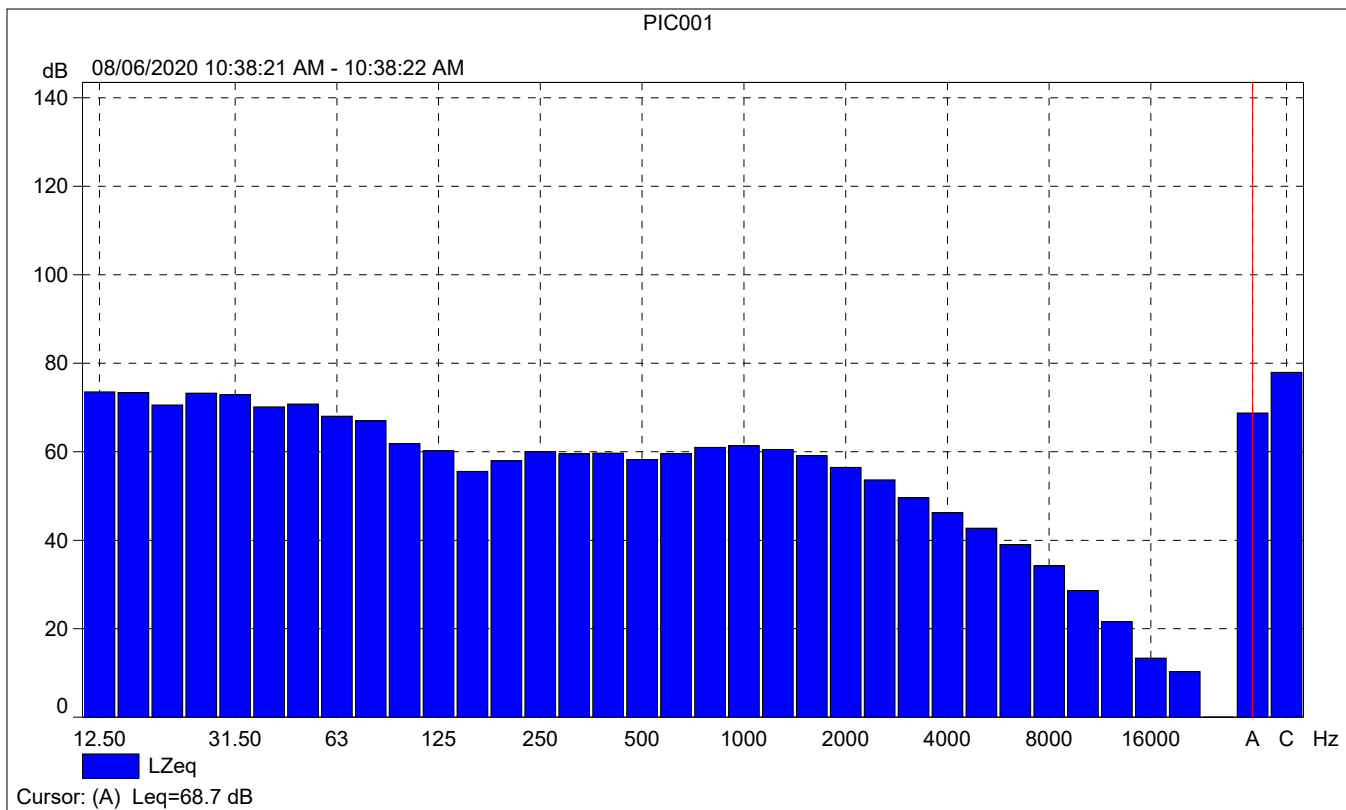
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	69.4	74.7	65.1
Time	10:33:22 AM	10:43:22 AM	0:10:00				
Date	08/06/2020	08/06/2020					





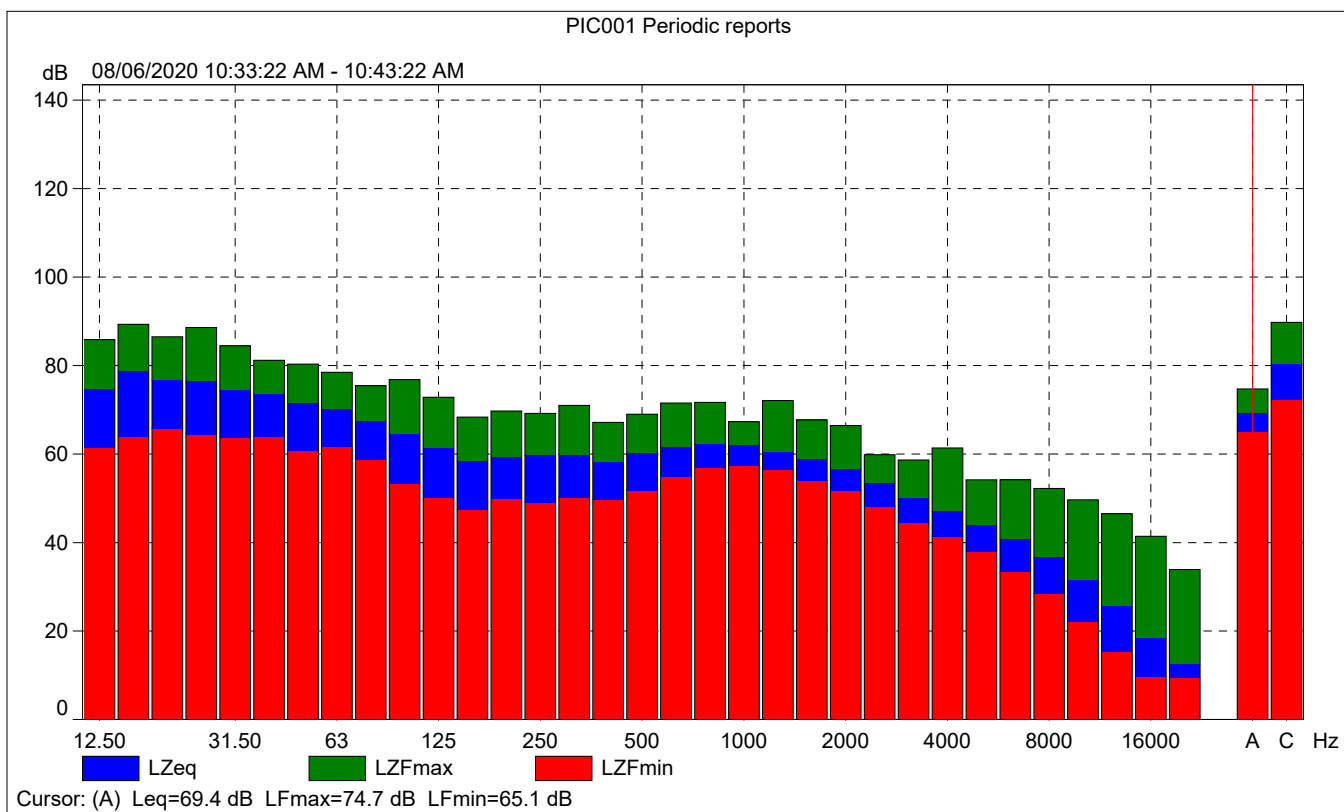
PIC001

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			69.2	69.1	68.1
Time	10:38:21 AM	0:00:01			
Date	08/06/2020				



PIC001 Periodic reports

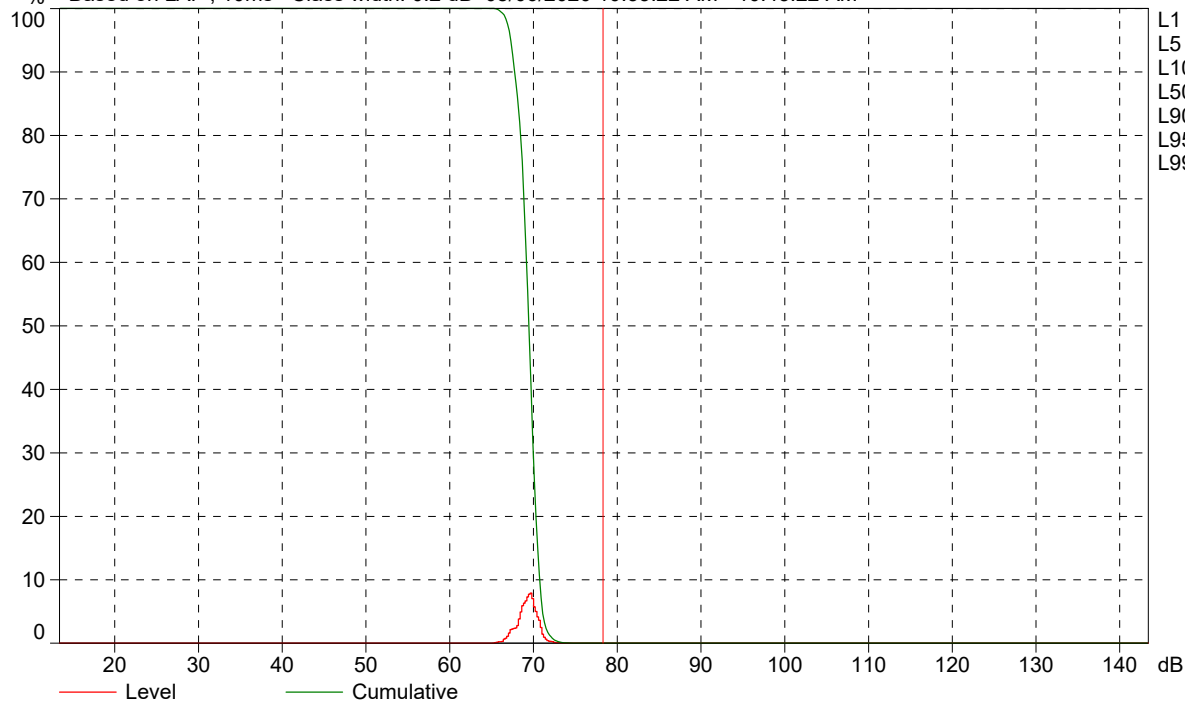
	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	70.0	74.7	65.1
Time	10:33:22 AM	0:10:00				
Date	08/06/2020					





PIC001 Periodic reports

% Based on LAF, 10ms Class width: 0.2 dB 08/06/2020 10:33:22 AM - 10:43:22 AM



- L1 = 72.0 dB
- L5 = 71.0 dB
- L10 = 70.6 dB
- L50 = 69.3 dB
- L90 = 67.6 dB
- L95 = 67.2 dB
- L99 = 66.4 dB

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

Site Number: Beverly Boulevard Warehouse Site 2			
Recorded By: Pierre Glaize			
Job Number: 179201			
Date: 08/06/2020			
Time: 10:47 a.m.			
Location: Oregon Street cul-de-sac			
Source of Peak Noise: Traffic along Oregon Street and Interstate 605			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
58.3	73.1	54.6	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: Cloudy		
	Note: dBA Offset = -0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	4 mph		72°		29.92	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		08/06/2020 10:47:15
End Time:		08/06/2020 10:57:15
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.15

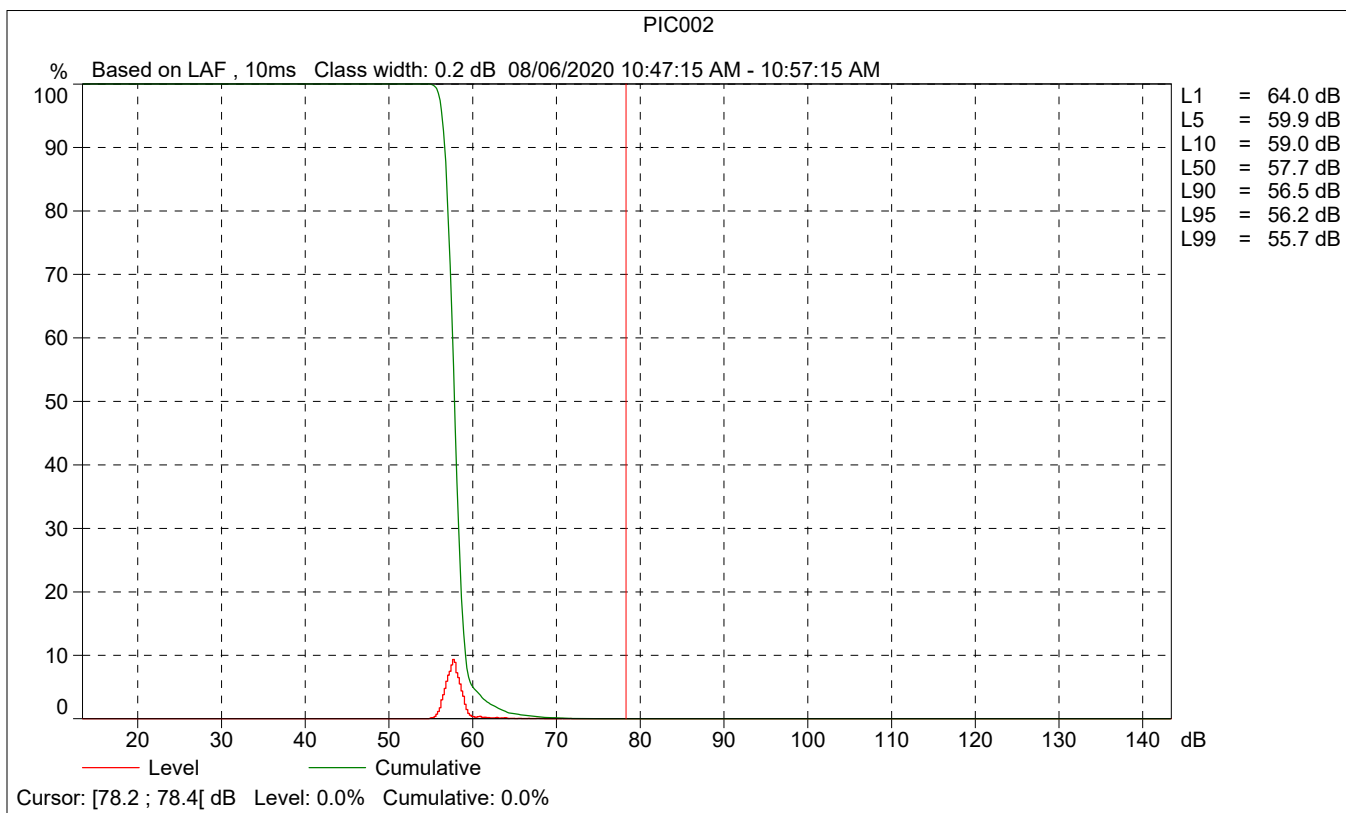
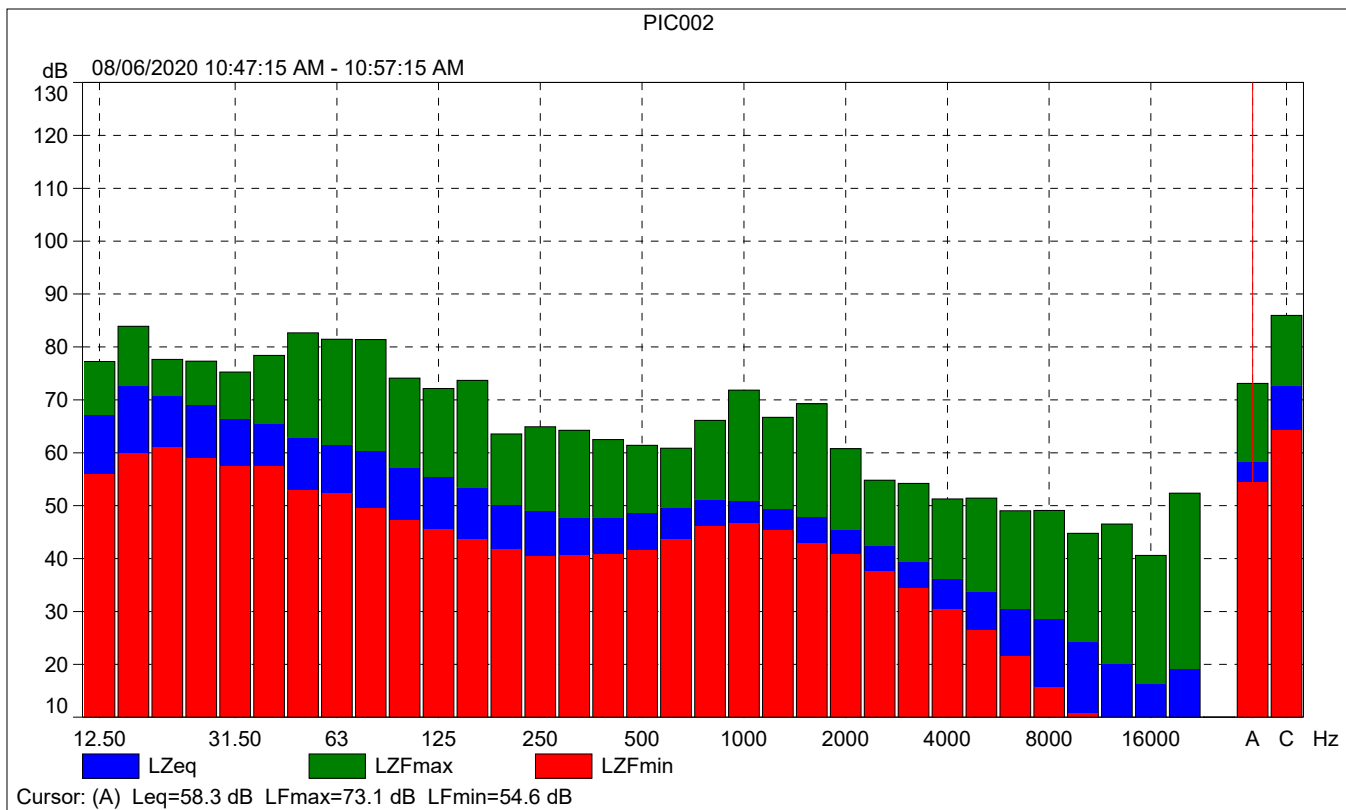
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

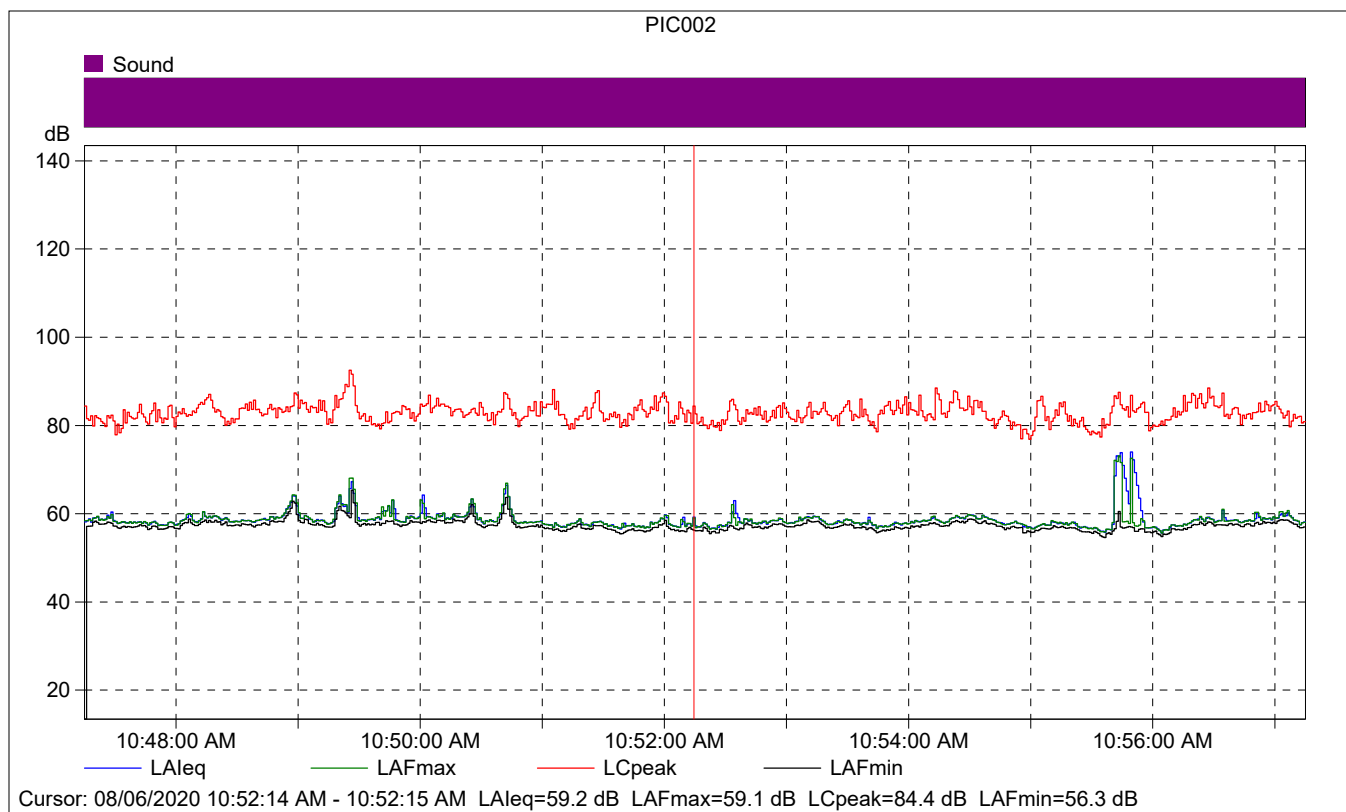
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		08/06/2020 07:46:32
Calibration Type:		External reference
Sensitivity:		43.5005761682987 mV/Pa

PIC002

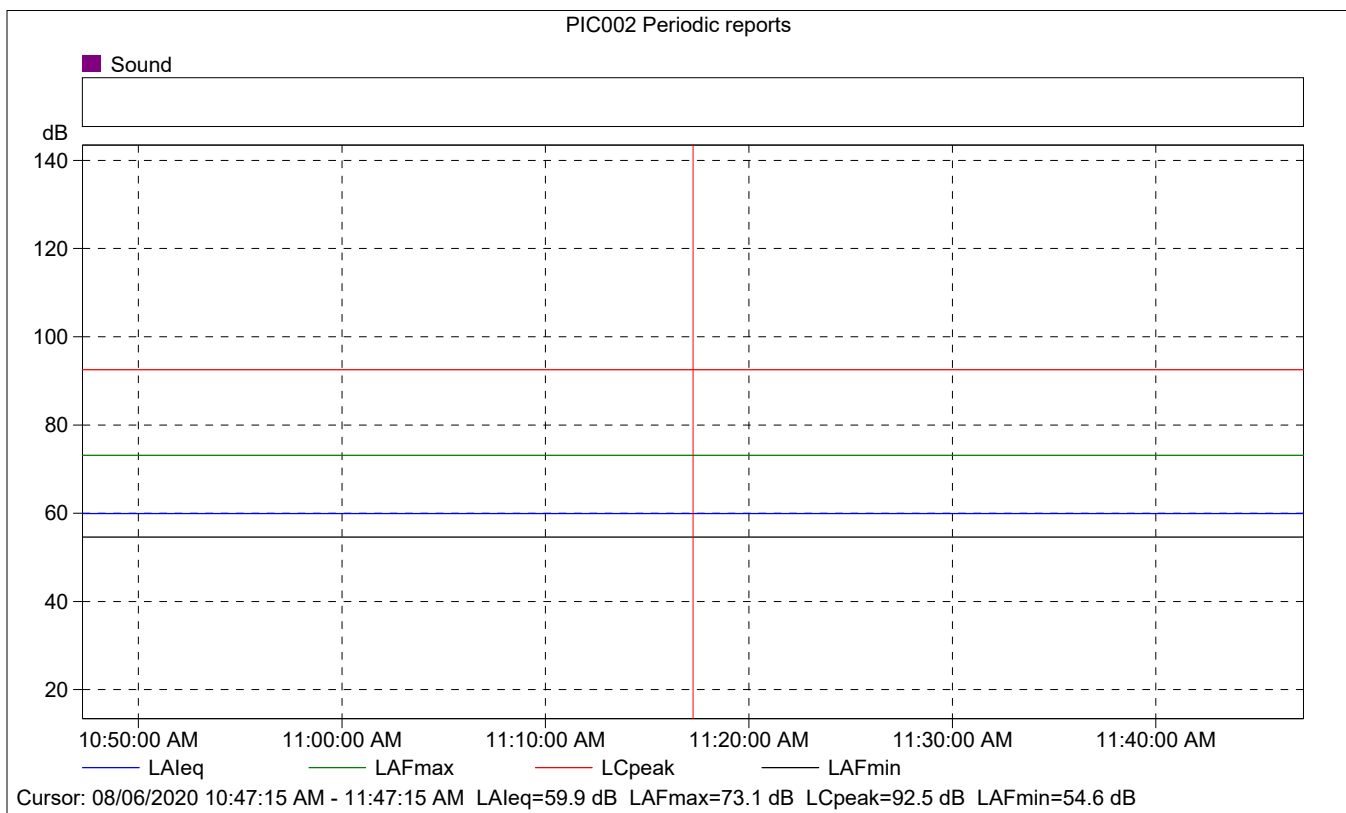
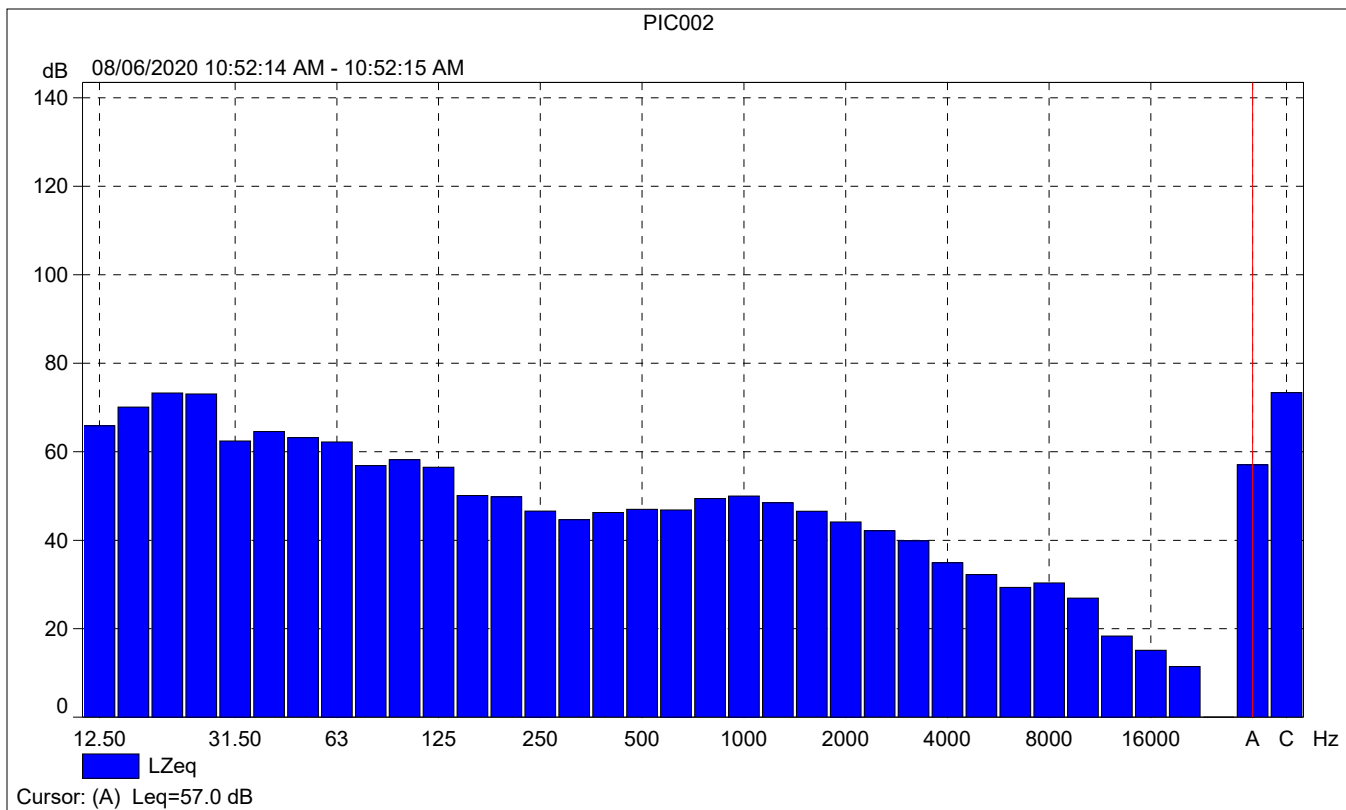
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	58.3	73.1	54.6
Time	10:47:15 AM	10:57:15 AM	0:10:00				
Date	08/06/2020	08/06/2020					





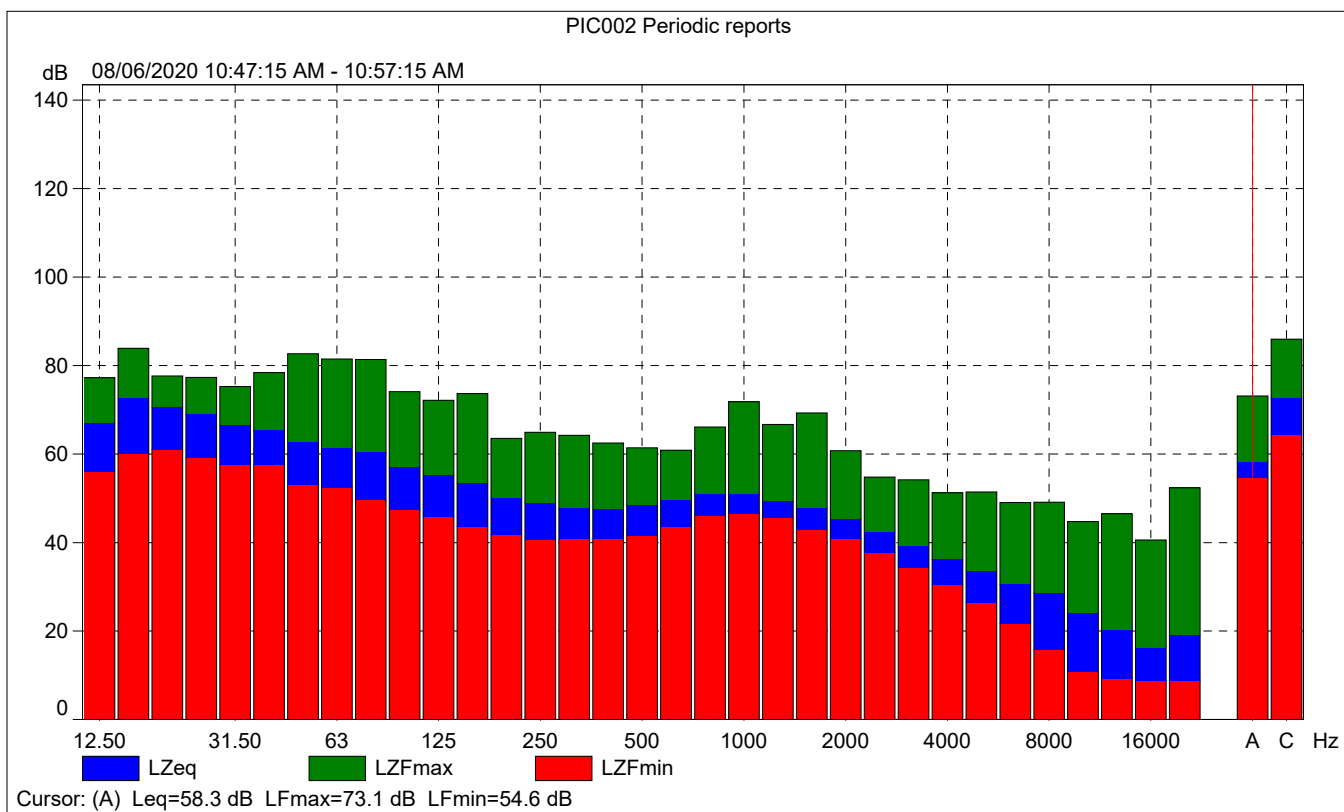
PIC002

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			59.2	59.1	56.3
Time	10:52:14 AM	0:00:01			
Date	08/06/2020				



PIC002 Periodic reports

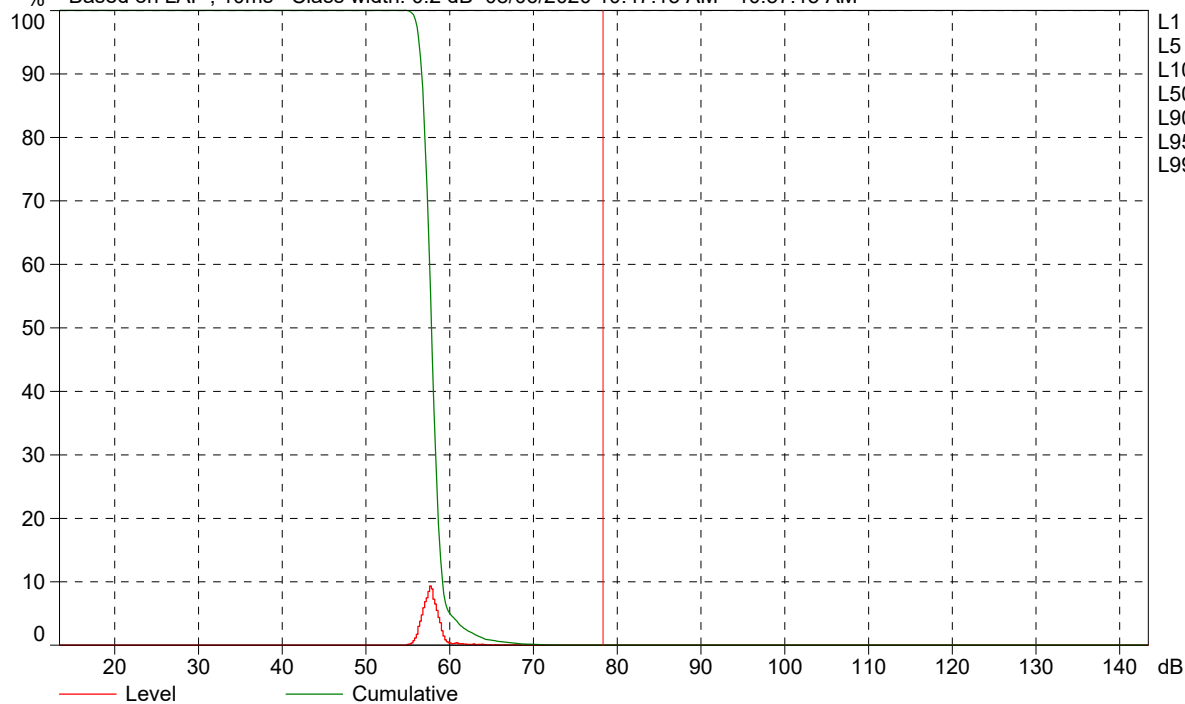
	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	59.9	73.1	54.6
Time	10:47:15 AM	0:10:00				
Date	08/06/2020					





PIC002 Periodic reports

% Based on LAF, 10ms Class width: 0.2 dB 08/06/2020 10:47:15 AM - 10:57:15 AM



L1	=	64.0 dB
L5	=	59.9 dB
L10	=	59.0 dB
L50	=	57.7 dB
L90	=	56.5 dB
L95	=	56.2 dB
L99	=	55.7 dB

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

Site Number: Beverly Boulevard Warehouse Site #3			
Recorded By: Pierre Glaize			
Job Number: 179201			
Date: 08/06/2020			
Time: 11:05 a.m.			
Location: Near picnic benches within Amigo Park			
Source of Peak Noise: Juarez Avenue and Interstate 605			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
57.6	61.7	54.6	88.9

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		
	Note: dBA Offset = -0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	4 mph		73		29.92	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		08/06/2020 11:05:31
End Time:		08/06/2020 11:15:31
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.15

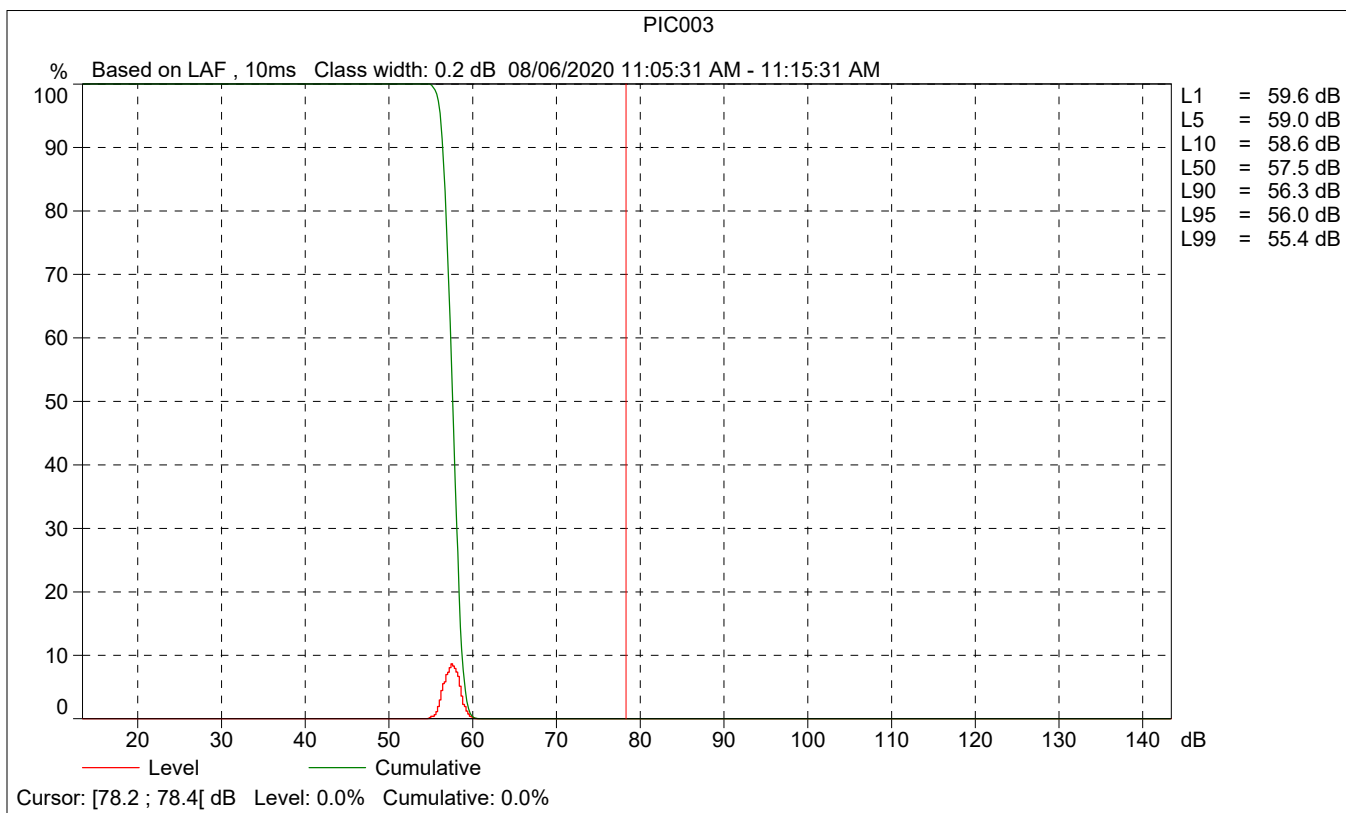
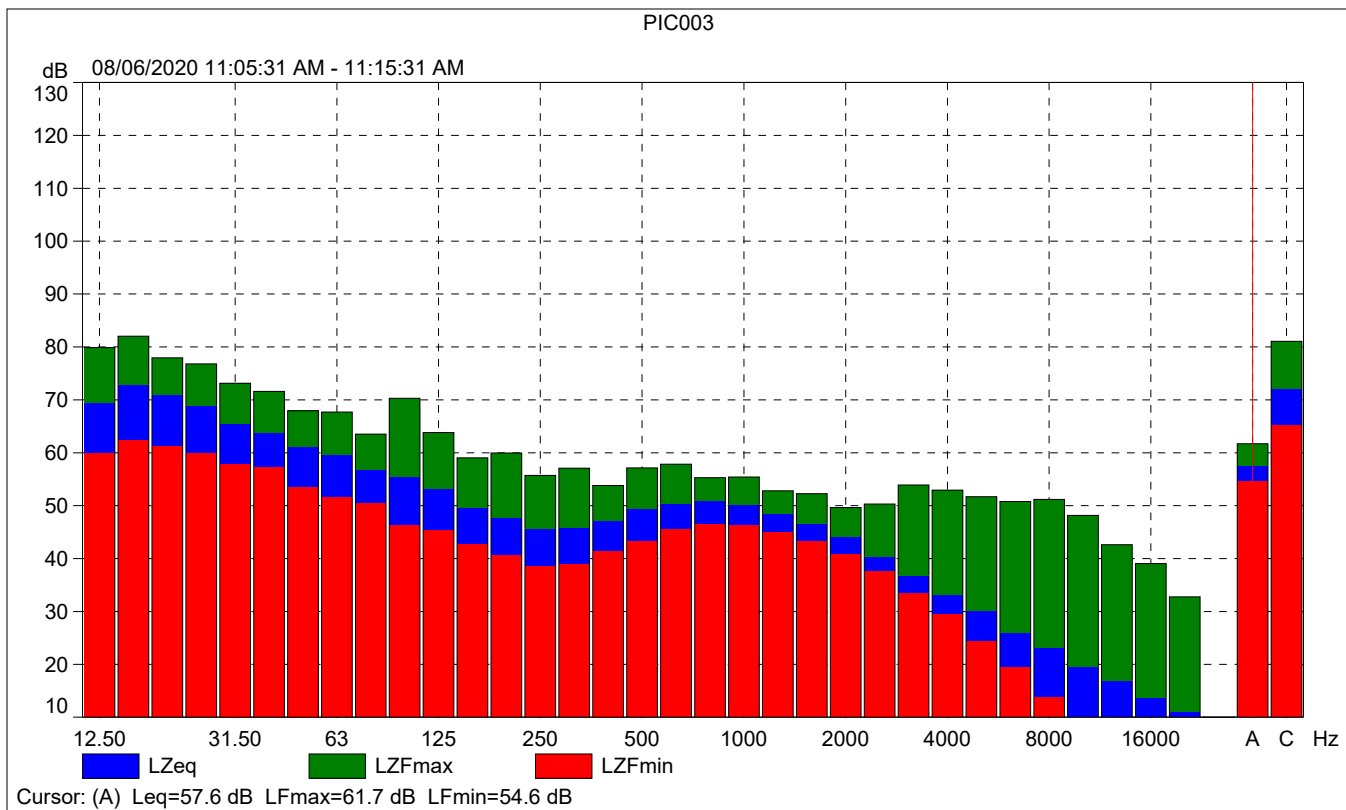
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

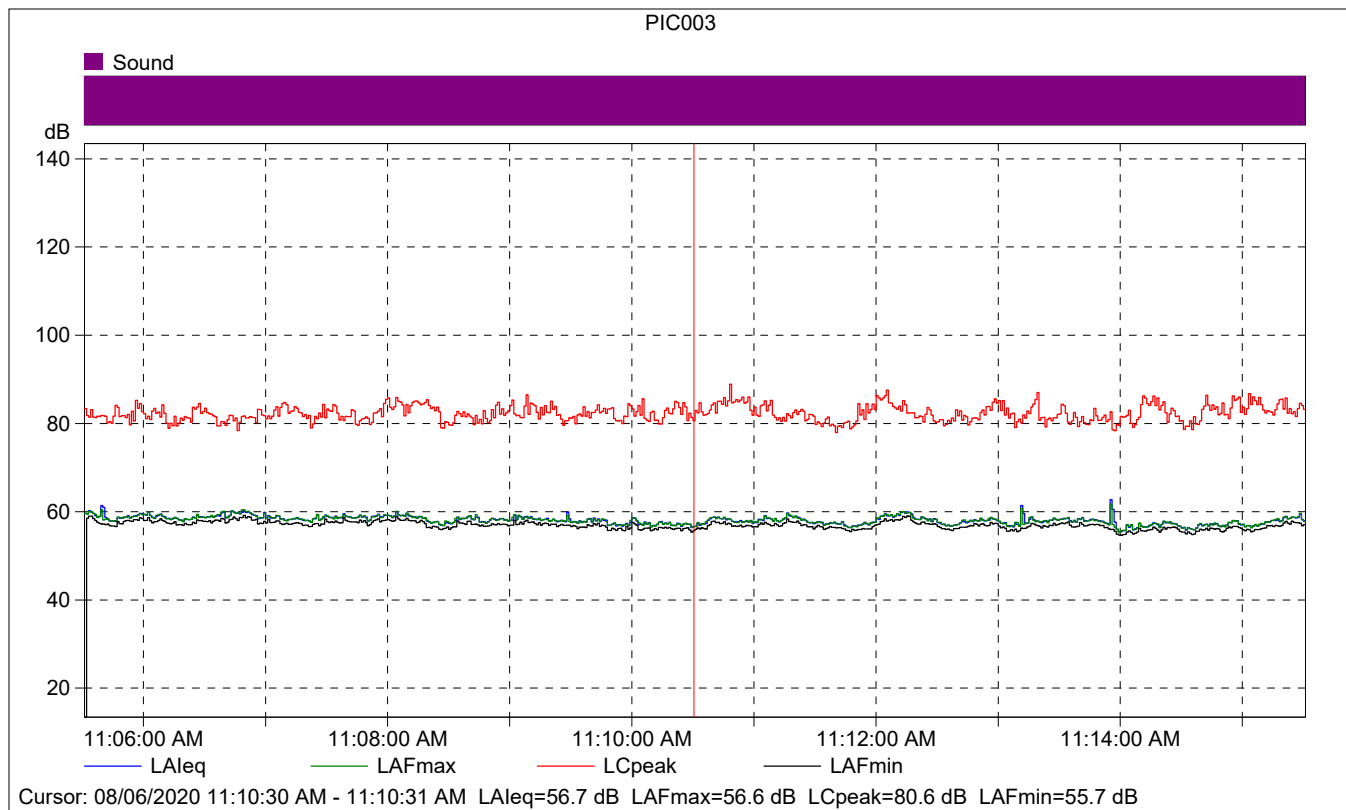
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		08/06/2020 07:46:32
Calibration Type:		External reference
Sensitivity:		43.5005761682987 mV/Pa

PIC003

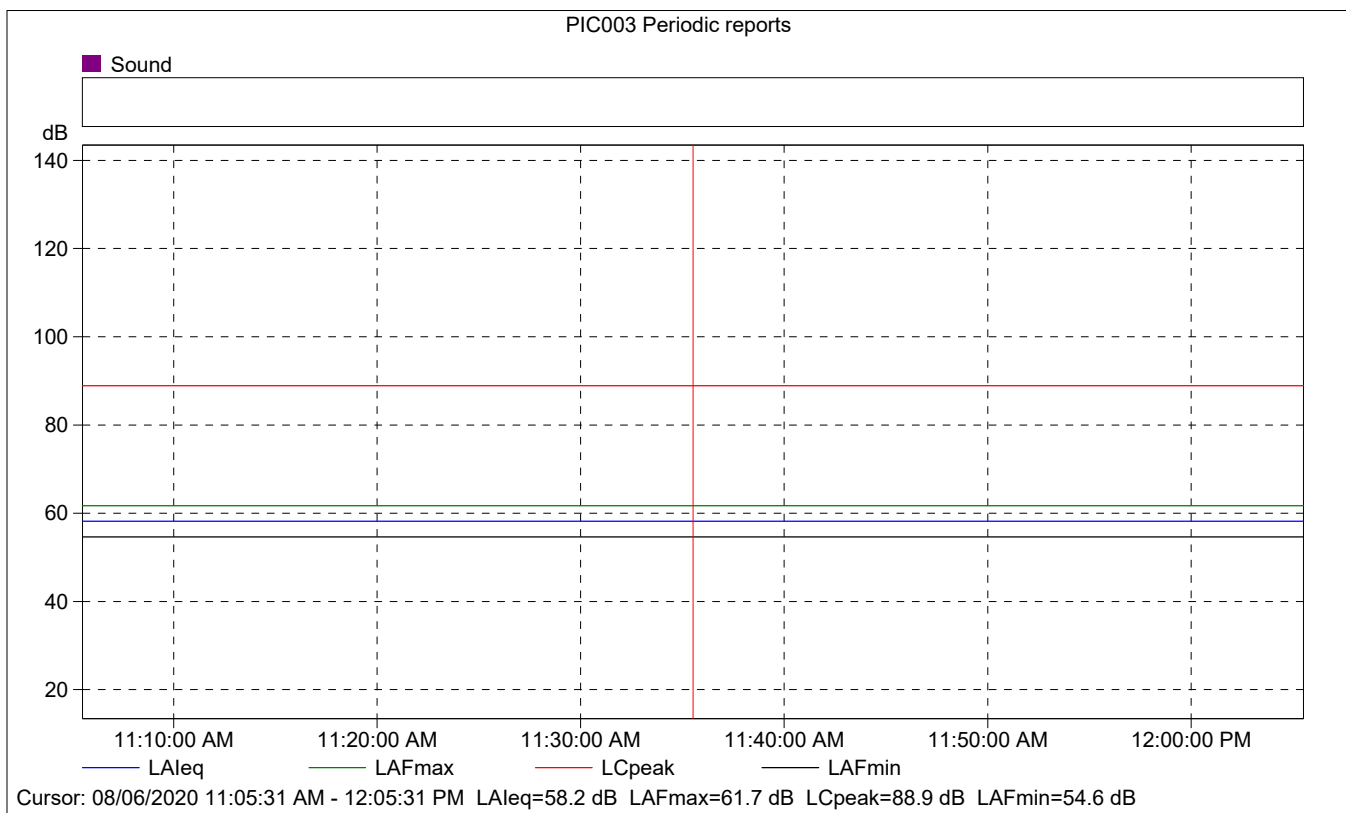
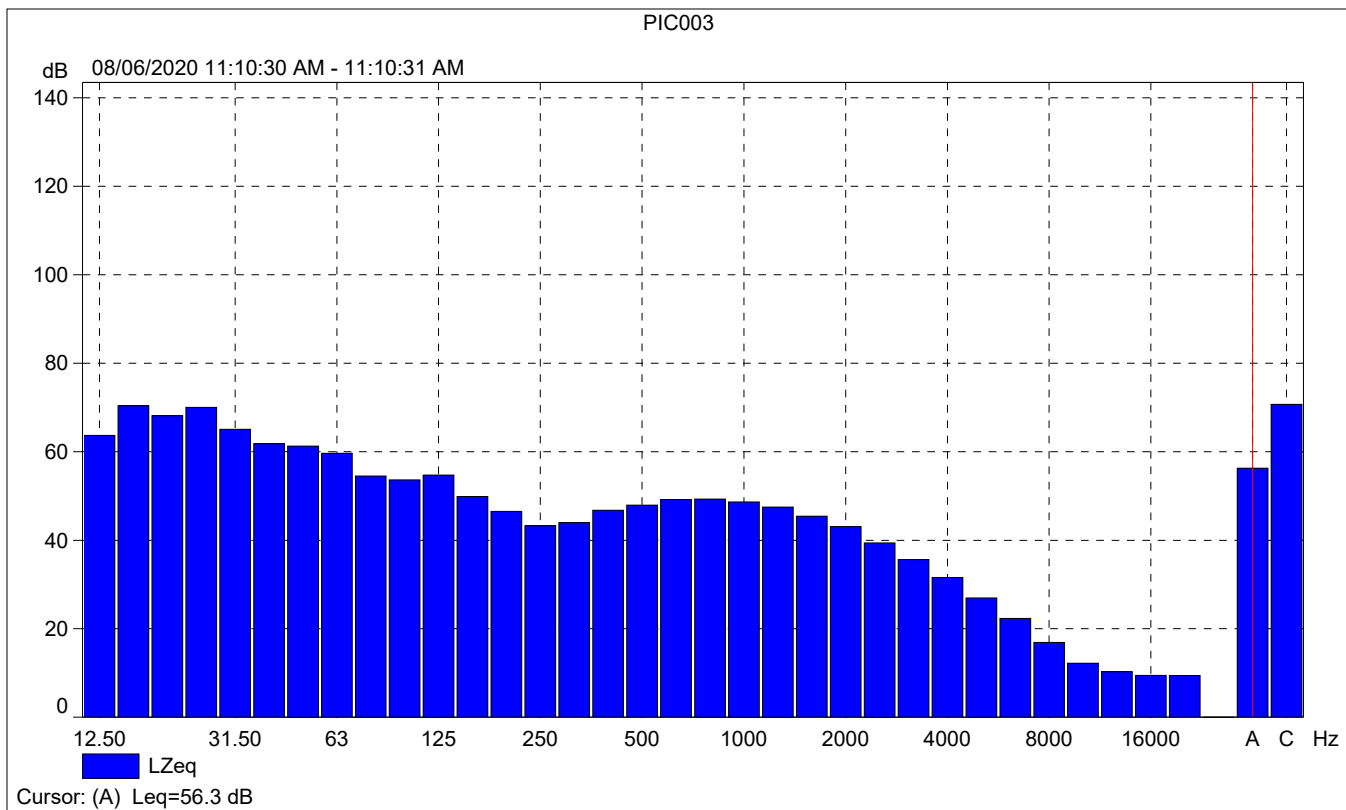
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	57.6	61.7	54.6
Time	11:05:31 AM	11:15:31 AM	0:10:00				
Date	08/06/2020	08/06/2020					





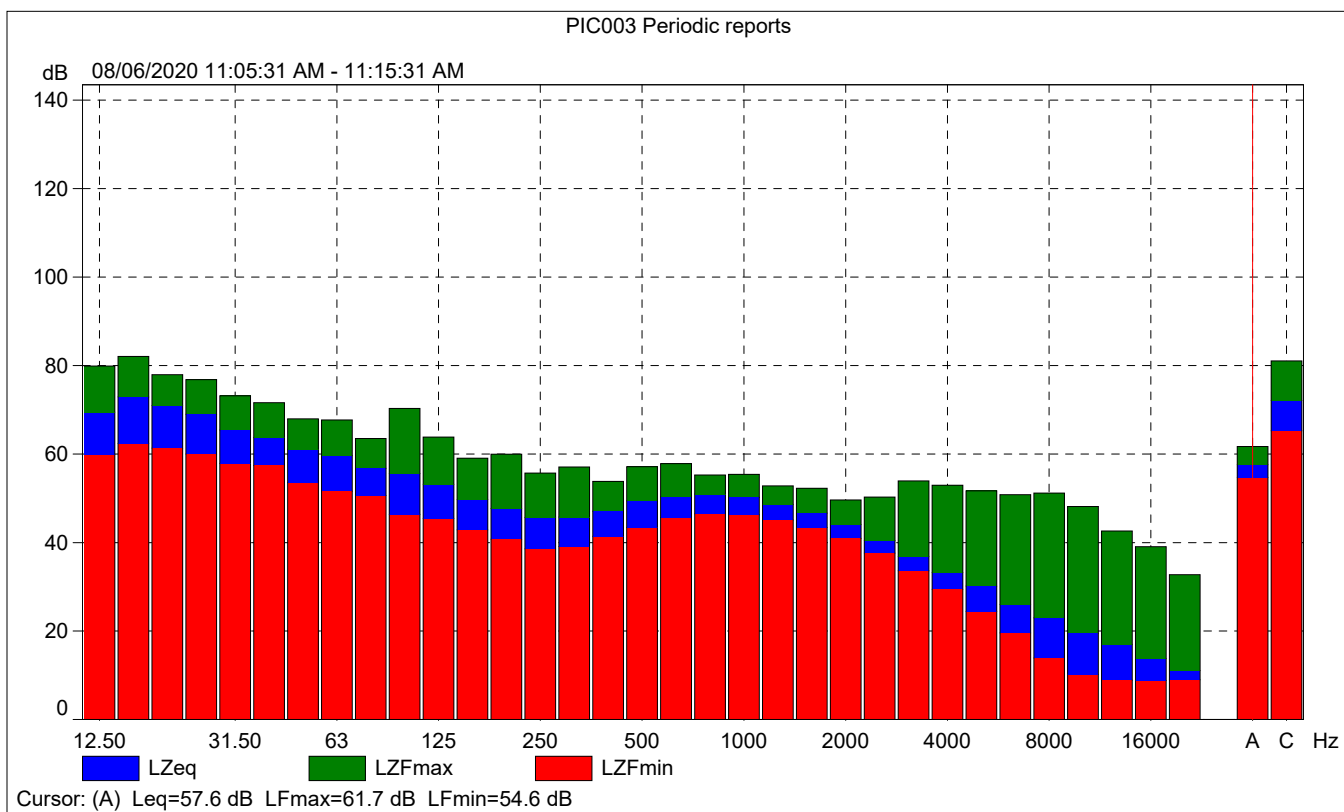
PIC003

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			56.7	56.6	55.7
Time	11:10:30 AM	0:00:01			
Date	08/06/2020				



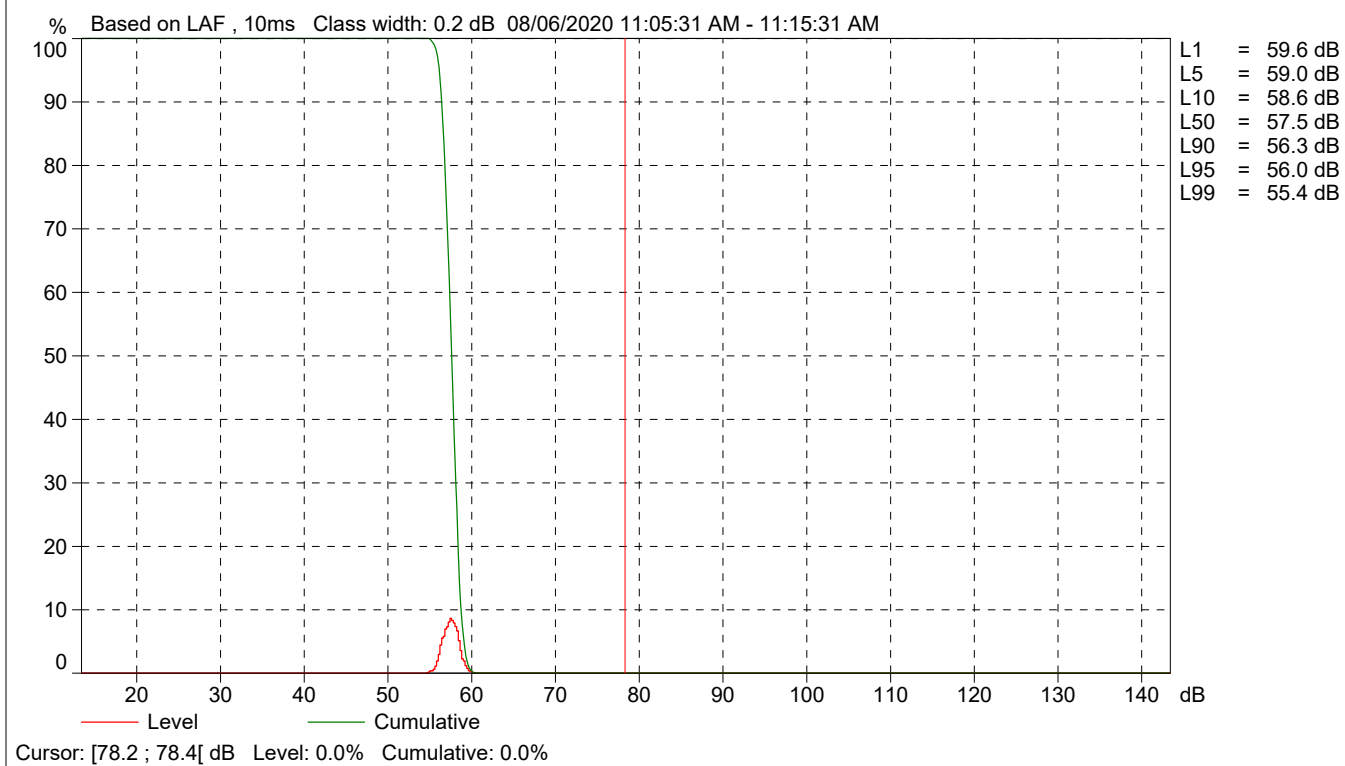
PIC003 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	58.2	61.7	54.6
Time	11:05:31 AM	0:10:00				
Date	08/06/2020					





PIC003 Periodic reports



Site Number: Beverly Boulevard Warehouse Site 4			
Recorded By: Pierre Glaize			
Job Number: 179201			
Date: 08/06/2020			
Time: 11:25 a.m.			
Location: Lenvale Avenue cul-de-sac			
Source of Peak Noise: Traffic along Lenvale Avenue and East Beverly Boulevard.			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
66.6	85.8	46.6	106.5

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: Sunny		
	Note: dBA Offset = -0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	4 mph		75°		29.92	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		08/06/2020 11:25:02
End Time:		08/06/2020 11:35:02
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.15

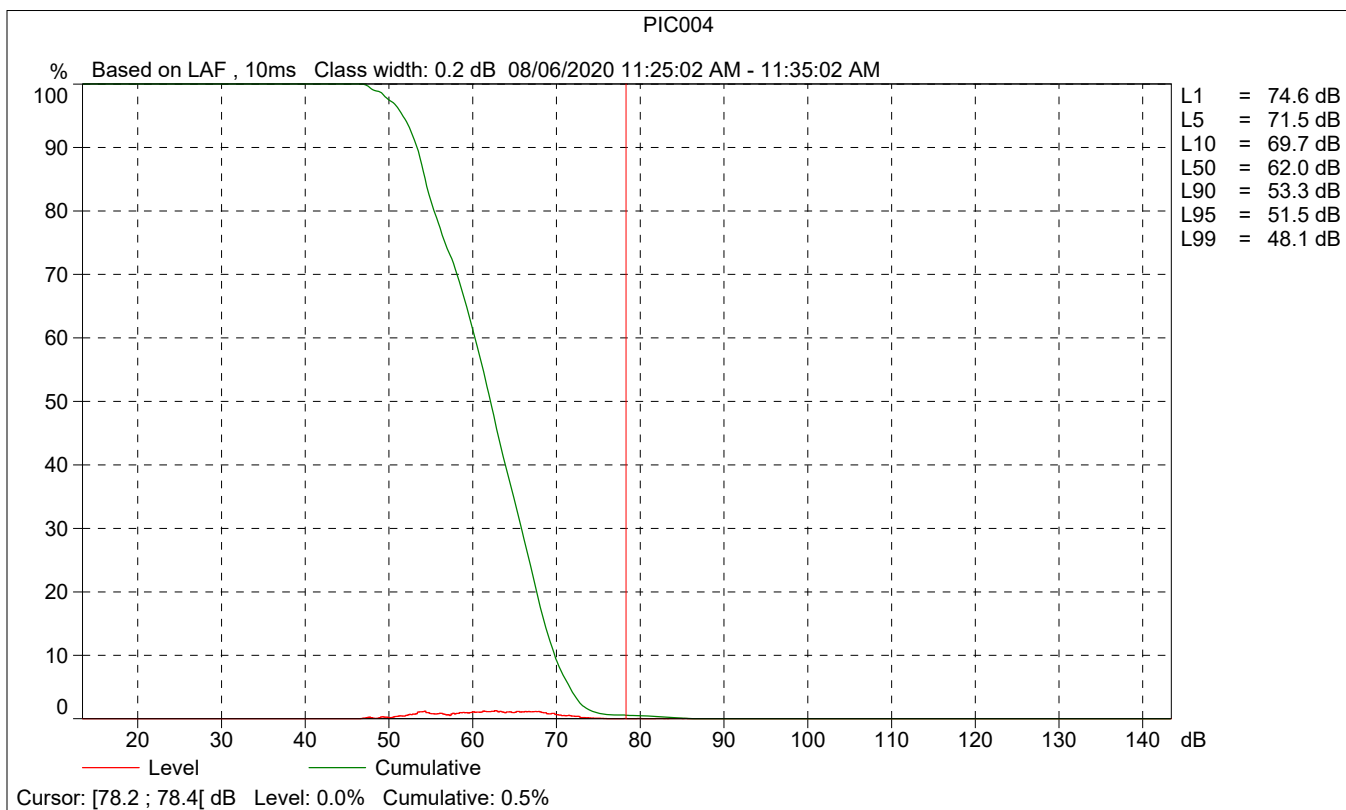
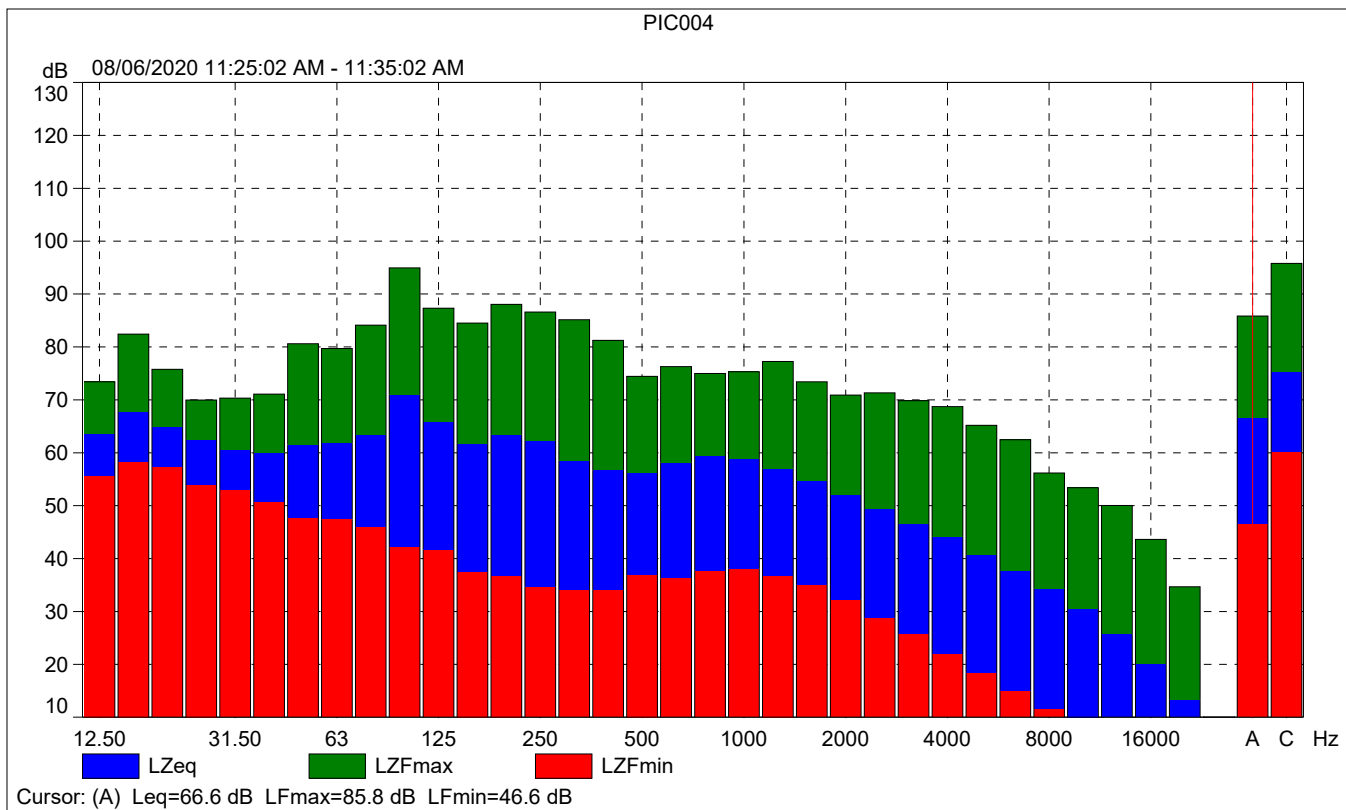
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

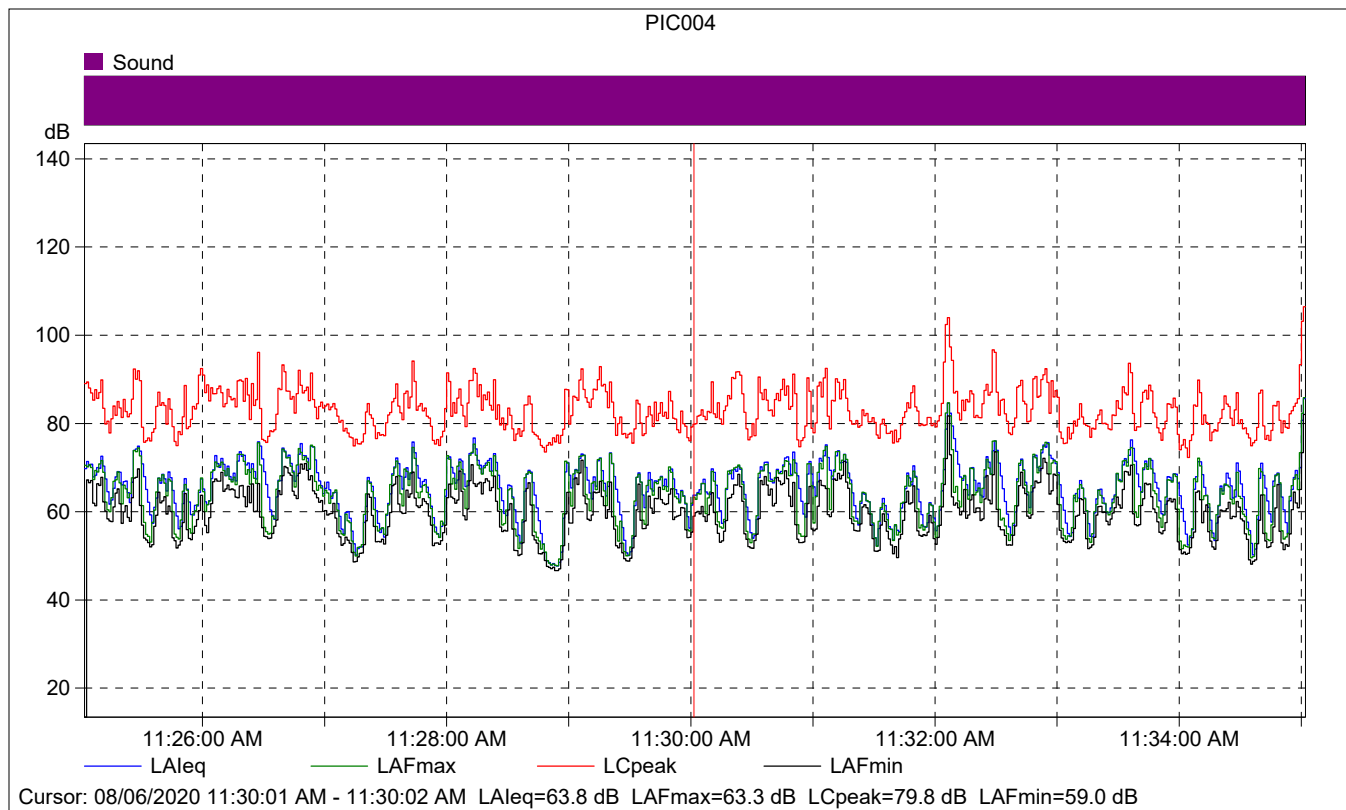
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		08/06/2020 07:46:32
Calibration Type:		External reference
Sensitivity:		43.5005761682987 mV/Pa

PIC004

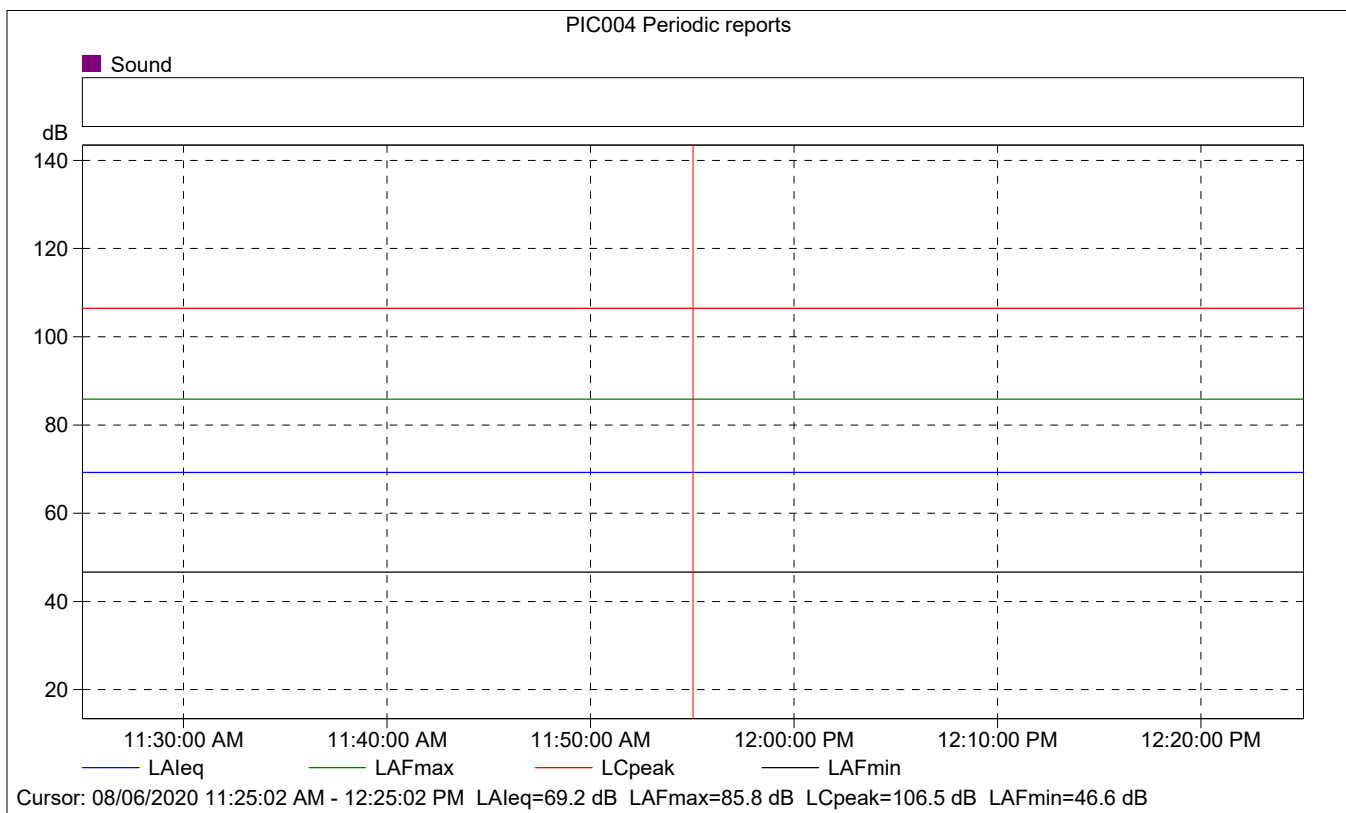
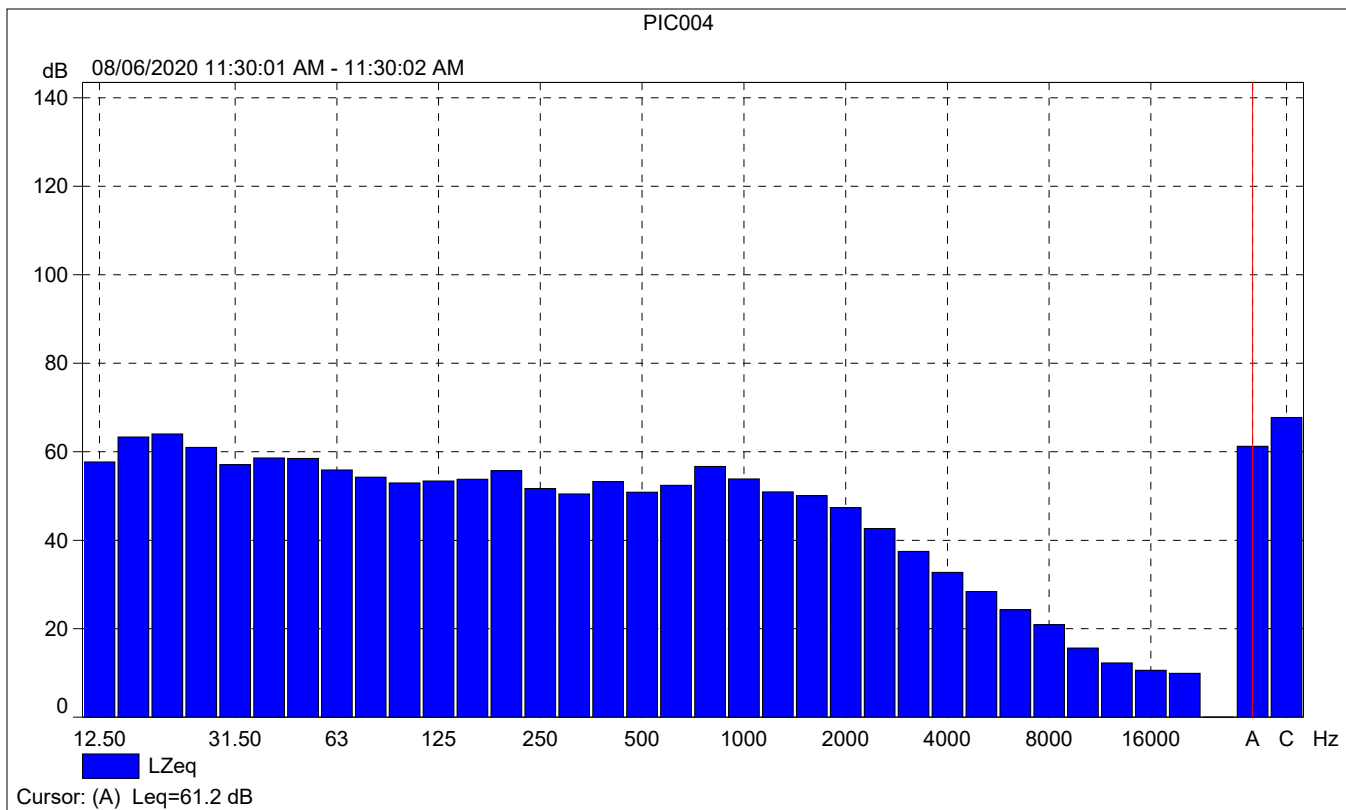
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	66.6	85.8	46.6
Time	11:25:02 AM	11:35:02 AM	0:10:00				
Date	08/06/2020	08/06/2020					





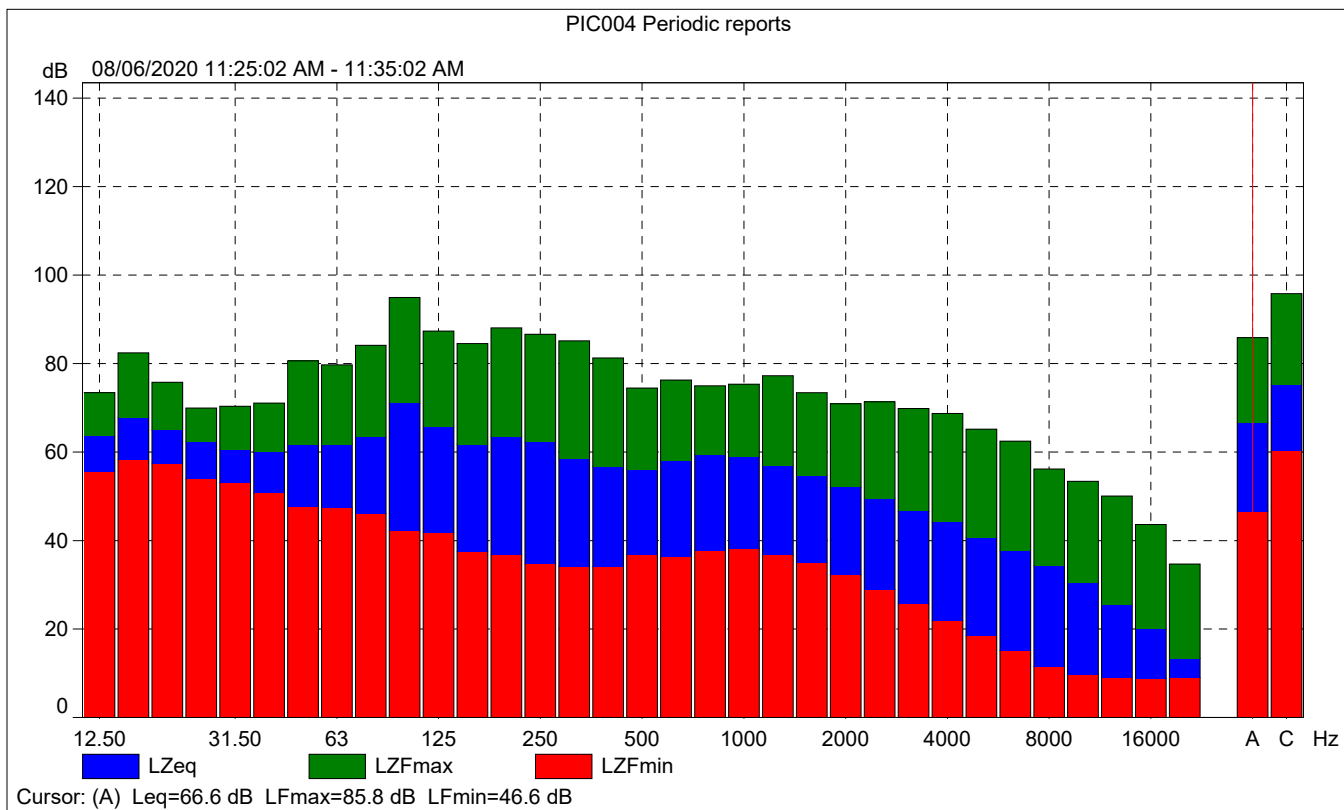
PIC004

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			63.8	63.3	59.0
Time	11:30:01 AM	0:00:01			
Date	08/06/2020				



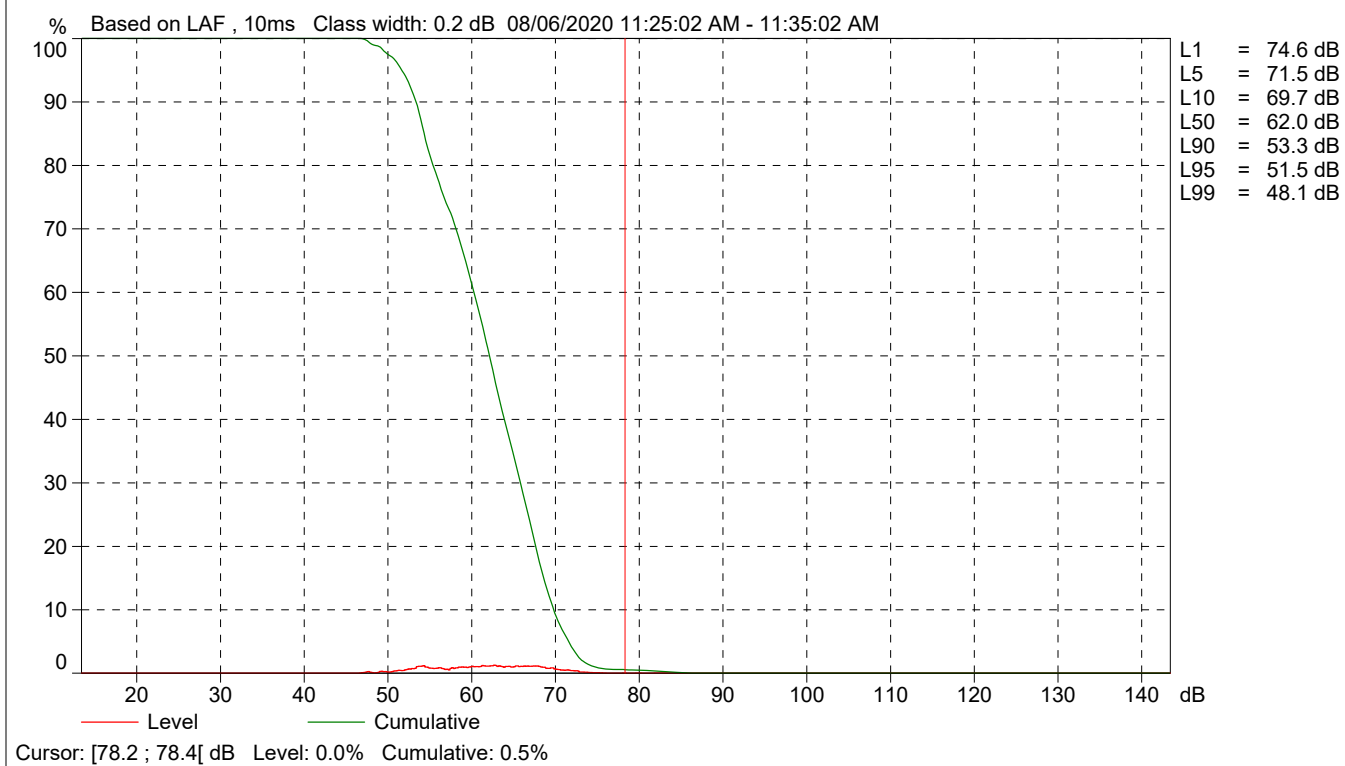
PIC004 Periodic reports

	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	69.2	85.8	46.6
Time	11:25:02 AM	0:10:00				
Date	08/06/2020					





PIC004 Periodic reports



TRAFFIC NOISE LEVELS AND NOISE CONTOURS

Project Number: 179201
Project Name: Beverly Boulevard Warehouse
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 (2020)
 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					Calc Dist
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	Distance to Contour				
								70 CNEL	65 CNEL	60 CNEL	55 CNEL		
Beverly Boulevard													
Paramount Boulevard to Rosemead Boulevard	6	15	28,600	40	0.5	1.8%	0.7%	65.2	-	103	223	480	100
Rosemead Boulevard to Durfee Avenue	6	15	35,400	40	0.5	1.8%	0.7%	66.1	-	119	257	553	100
Durfee Avenue to San Gabriel River Parkway	6	15	36,100	40	0.5	1.8%	0.7%	66.2	-	121	260	560	100
San Gabriel River Parkway to I-605 Southbound ram	4	15	39,700	40	0.5	1.8%	0.7%	66.4	57	123	266	572	100
I-605 Southbound Ramp to Pioneer Boulevard	4	15	41,700	40	0.5	1.8%	0.7%	66.6	59	127	275	591	100
Pioneer Boulevard to Norwalk Boulevard	6	15	34,800	40	0.5	1.8%	0.7%	66.1	-	118	254	547	100
East of Norwalk Boulevard	6	15	38,200	40	0.5	1.8%	0.7%	66.5	-	125	270	582	100
Rosemead Boulevard													
North of Beverly Boulevard	6	17	32,000	40	0.5	1.8%	0.7%	65.7	-	112	241	519	100
South of Beverly Boulevard	4	10	30,400	40	0.5	1.8%	0.7%	65.2	-	103	221	476	100
San Gabriel River Parkway													
North of Beverly Boulevard	4	0	10,600	45	0.5	1.8%	0.7%	61.7	-	60	130	281	100
Pioneer Boulevard													
I-605 Northbound Ramp to Beverly Boulevard	5	0	16,700	40	0.5	1.8%	0.7%	62.6	-	69	149	320	100

¹ Distance is from the centerline of the roadway segment to the receptor location.

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

TRAFFIC NOISE LEVELS AND NOISE CONTOURS

Project Number: 179201
Project Name: Beverly Boulevard Warehouse
Scenario: Existing with Project

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 (2020)
 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					Calc Dist
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	Distance to Contour				
								70 CNEL	65 CNEL	60 CNEL	55 CNEL		
Beverly Boulevard													
Paramount Boulevard to Rosemead Boulevard	6	15	28,800	40	0.5	1.8%	0.7%	65.2	-	104	224	482	100
Rosemead Boulevard to Durfee Avenue	6	15	35,700	40	0.5	1.8%	0.7%	66.2	-	120	258	556	100
Durfee Avenue to San Gabriel River Parkway	6	15	36,400	40	0.5	1.8%	0.7%	66.3	-	121	262	564	100
San Gabriel River Parkway to I-605 Southbound ramp	4	15	40,200	40	0.5	1.8%	0.7%	66.4	58	124	268	577	100
I-605 Southbound Ramp to Pioneer Boulevard	4	15	42,000	40	0.5	1.8%	0.7%	66.6	59	128	276	594	100
Pioneer Boulevard to Norwalk Boulevard	6	15	34,900	40	0.5	1.8%	0.7%	66.1	-	118	254	548	100
East of Norwalk Boulevard	6	15	38,300	40	0.5	1.8%	0.7%	66.5	-	126	271	583	100
Rosemead Boulevard													
North of Beverly Boulevard	6	17	32,100	40	0.5	1.8%	0.7%	65.7	-	112	242	521	100
South of Beverly Boulevard	4	10	30,500	40	0.5	1.8%	0.7%	65.2	-	103	221	477	100
San Gabriel River Parkway													
North of Beverly Boulevard	4	0	10,600	45	0.5	1.8%	0.7%	61.7	-	60	130	281	100
Pioneer Boulevard													
I-605 Northbound Ramp to Beverly Boulevard	5	0	16,900	40	0.5	1.8%	0.7%	62.6	-	70	150	323	100

¹ Distance is from the centerline of the roadway segment to the receptor location.

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

TRAFFIC NOISE LEVELS AND NOISE CONTOURS

Project Number: 179201
Project Name: Beverly Boulevard Warehouse
Scenario: Opening Year without Project

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 (2020)
 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					Calc Dist
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	Distance to Contour				
								70 CNEL	65 CNEL	60 CNEL	55 CNEL		
Beverly Boulevard													
Paramount Boulevard to Rosemead Boulevard	6	15	28,800	40	0.5	1.8%	0.7%	65.2	-	104	224	482	100
Rosemead Boulevard to Durfee Avenue	6	15	35,700	40	0.5	1.8%	0.7%	66.2	-	120	258	556	100
Durfee Avenue to San Gabriel River Parkway	6	15	36,400	40	0.5	1.8%	0.7%	66.3	-	121	262	564	100
San Gabriel River Parkway to I-605 Southbound ram	4	15	40,000	40	0.5	1.8%	0.7%	66.4	58	124	267	575	100
I-605 Southbound Ramp to Pioneer Boulevard	4	15	42,000	40	0.5	1.8%	0.7%	66.6	59	128	276	594	100
Pioneer Boulevard to Norwalk Boulevard	6	15	35,100	40	0.5	1.8%	0.7%	66.1	-	118	255	550	100
East of Norwalk Boulevard	6	15	38,500	40	0.5	1.8%	0.7%	66.5	-	126	272	585	100
Rosemead Boulevard													
North of Beverly Boulevard	6	17	32,300	40	0.5	1.8%	0.7%	65.8	-	113	243	523	100
South of Beverly Boulevard	4	10	30,600	40	0.5	1.8%	0.7%	65.2	-	103	222	478	100
San Gabriel River Parkway													
North of Beverly Boulevard	4	0	10,700	45	0.5	1.8%	0.7%	61.8	-	61	131	282	100
Pioneer Boulevard													
I-605 Northbound Ramp to Beverly Boulevard	5	0	16,800	40	0.5	1.8%	0.7%	62.6	-	69	149	321	100

¹ Distance is from the centerline of the roadway segment to the receptor location.

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

TRAFFIC NOISE LEVELS AND NOISE CONTOURS

Project Number: 179201
Project Name: Beverly Boulevard Warehouse
Scenario: Opening Year with Project

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 (2020)
 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					Calc Dist
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	Distance to Contour			70 CNEL	
Beverly Boulevard													
Paramount Boulevard to Rosemead Boulevard	6	15	29,000	40	0.5	1.8%	0.7%	65.3	-	104	225	484	100
Rosemead Boulevard to Durfee Avenue	6	15	36,000	40	0.5	1.8%	0.7%	66.2	-	121	260	559	100
Durfee Avenue to San Gabriel River Parkway	6	15	36,700	40	0.5	1.8%	0.7%	66.3	-	122	263	567	100
San Gabriel River Parkway to I-605 Southbound ramp	4	15	40,500	40	0.5	1.8%	0.7%	66.5	58	125	269	580	100
I-605 Southbound Ramp to Pioneer Boulevard	4	15	42,300	40	0.5	1.8%	0.7%	66.6	60	129	277	597	100
Pioneer Boulevard to Norwalk Boulevard	6	15	35,200	40	0.5	1.8%	0.7%	66.1	-	119	256	551	100
East of Norwalk Boulevard	6	15	38,600	40	0.5	1.8%	0.7%	66.5	-	126	272	586	100
Rosemead Boulevard													
North of Beverly Boulevard	6	17	32,400	40	0.5	1.8%	0.7%	65.8	-	113	243	524	100
South of Beverly Boulevard	4	10	30,700	40	0.5	1.8%	0.7%	65.2	-	103	222	479	100
San Gabriel River Parkway													
North of Beverly Boulevard	4	0	10,700	45	0.5	1.8%	0.7%	61.8	-	61	131	282	100
Pioneer Boulevard													
I-605 Northbound Ramp to Beverly Boulevard	5	0	17,000	40	0.5	1.8%	0.7%	62.7	-	70	150	324	100

¹ Distance is from the centerline of the roadway segment to the receptor location.

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

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 7/19/2021

Case Description: GRADING_BEVERLY BOULEVARD WAREHOUSE PROJECT

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Grading - (Adjacent LA County)	Residential	1	1	1

Description	Impact Device	Usage(%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)	
			Spec Lmax (dBA)	Actual Lmax (dBA)			
Grader	No	40	40	85	20	0	
Roller	No	20	20		80	20	0
Dozer	No	40	40		81.7	20	0
Scraper	No	40	40		83.6	20	0

Equipment	Results													
	Calculated (dBA)				Noise Limits (dBA)				Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Grader	93	89	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	88	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	89.6	85.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scraper	91.5	87.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	93	92.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 7/19/2021
 Case Description: GRADING_MITIGATED_BEVERLY BOULEVARD WAREHOUSE PROJECT

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Grading - (Adjacent LA County)	Residential	1	1	1

Description	Impact Device	Usage(%)	Equipment Spec		Receptor Distance (feet)	Estimated Shielding (dBA)
			Lmax (dBA)	Actual Lmax (dBA)		
Grader	No	40	85		20	20
Roller	No	20		80	20	20
Dozer	No	40		81.7	20	20
Scraper	No	40		83.6	20	20

Equipment	Calculated (dBA)		Results						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader	73	69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	68	61	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	69.6	65.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scraper	71.5	67.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	73	72.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 7/19/2021
 Case Description: BUILDING CONST_BEVERLY BOULEVARD WAREHOUSE PROJECT

		---- Receptor #1 ----		
		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Building Const. - (Adjacent LA County)	Residential	1	1	1

		Equipment				
		Spec	Actual	Receptor	Estimated	
Description	Impact Device	Lmax Usage(%) (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)	
Concrete Saw	No	20	89.6	275	0	
Impact Pile Driver	Yes	20	101.3	275	0	
Front End Loader	No	40	79.1	275	0	
Excavator	No	40	80.7	275	0	

		Results											
		Calculated (dBA)				Noise Limits (dBA)				Noise Limit Exceedance (dBA)			
		Day		Evening		Night		Day		Evening		Night	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw		74.8	67.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Impact Pile Driver		86.5	79.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		64.3	60.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator		65.9	61.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total	86.5	79.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 7/19/2021
 Case Description: BUILDING CONST_MITIGATED_BEVERLY BOULEVARD WAREHOUSE PROJECT

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Building Const. - (Adjacent LA County)	Residential	1	1	1

Description	Impact Device	Equipment			
		Spec Usage(%)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20	89.6	275	20
Impact Pile Driver	Yes	20	101.3	275	20
Front End Loader	No	40	79.1	275	20
Excavator	No	40	80.7	275	20

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	54.8	47.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Impact Pile Driver	66.5	59.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	44.3	40.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	45.9	41.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	66.5	59.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 7/19/2021
 Case Description: PAVING_BEVERLY BOULEVARD WAREHOUSE PROJECT

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Paving - (Adjacent LA County)	Residential	1	1	1

Description	Impact Device	Usage(%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)
			Spec Lmax (dBA)	Actual Lmax (dBA)		
Grader	No	40	85		20	0
Paver	No	50		77.2	20	0
Roller	No	20		80	20	0

Equipment	Results															
	Calculated (dBA)				Noise Limits (dBA)				Noise Limit Exceedance (dBA)							
	*Lmax		Leq		Day		Evening		Night		Day		Evening		Night	
Grader	93		89		N/A		N/A		N/A		N/A		N/A		N/A	
Paver	85.2		82.2		N/A		N/A		N/A		N/A		N/A		N/A	
Roller	88		81		N/A		N/A		N/A		N/A		N/A		N/A	
Total	93		90.3		N/A		N/A		N/A		N/A		N/A		N/A	

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 7/19/2021

Case Description: PAVING_MITIGATED_BEVERLY BOULEVARD WAREHOUSE PROJECT

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Paving - (Adjacent LA County)	Residential	1	1	1

Description	Impact Device	Usage(%)	Equipment			
			Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		20	20
Paver	No	50		77.2	20	20
Roller	No	20		80	20	20

Equipment	Calculated (dBA)	Results												
		Noise Limits (dBA)				Noise Limit Exceedance (dBA)								
		Day		Evening		Night		Day		Evening		Night		
*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	
Grader	73	69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	65.2	62.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	68	61	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	73	70.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 7/19/2021
 Case Description: ARCH. COAT_ BEVERLY BOULEVARD WAREHOUSE PROJECT

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Arch. Coatings - (Adjacent LA County)	Residential	1	1	1

Description	Impact Device	Usage(%)	Equipment			Estimated Shielding (dBA)
			Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	
Compressor (air)	No	40		77.7	275	0
Compressor (air)	No	40		77.7	275	0

Equipment	Results													
	Calculated (dBA)				Noise Limits (dBA)				Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Compressor (air)	62.9	58.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compressor (air)	62.9	58.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	62.9	61.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 7/19/2021
 Case Description: ARCH. COAT_MITIGATED_BEVERLY BOULEVARD WAREHOUSE PROJECT

		---- Receptor #1 ----		
		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Arch. Coatings - (Adjacent LA County)	Residential	1	1	1

		Equipment				
		Spec	Actual	Receptor	Estimated	
Description	Impact	Lmax	Lmax	Distance	Shielding	
	Device	Usage(%)	(dBA)	(feet)	(dBA)	
Compressor (air)	No	40	77.7	275	20	
Compressor (air)	No	40	77.7	275	20	

		Results													
		Calculated (dBA)				Noise Limits (dBA)				Noise Limit Exceedance (dBA)					
		Day		Evening		Night		Day		Evening		Night		Leq	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Compressor (air)		42.9	38.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compressor (air)		42.9	38.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total	42.9	41.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.