

Appendix F  
**Noise Measurement Data and  
Worksheets**



## Culver City GPU - Operational Traffic Noise Modeling Summary - GPFC Scenario

Roadway Segment	Future Plus Project Distance (feet) to Centerline to			Future No Project Noise Levels	Future Plus Project Noise Levels	Increase
	60 dBA CNEL Contour	65 dBA CNEL Contour	70 dBA CNEL Contour	dBA CNEL at 50 Feet from Centerline		
Adams Blvd between Washington Blvd & Fairfax Ave	130	40	15	63.9	64.2	0.3
Culver Blvd between Overland Ave & Sepulveda Blvd	1225	390	125	73.5	73.9	0.4
Culver Blvd between Sepulveda & Sawtelle Blvd	1210	380	120	73.5	73.8	0.3
Culver Blvd between Washington Blvd & Duquesne Ave	575	180	60	70.3	70.6	0.3
Culver Blvd between Washington Blvd & Washington Blvd	625	195	60	70.7	71.0	0.2
Culver Blvd between Duquesne Ave & Overland Ave	1545	490	155	74.4	74.9	0.5
Fairfax Ave between Washington Blvd & La Cienega Blvd	770	245	75	71.8	71.9	0.1
Jefferson Blvd between Slauson Ave & Inglewood Blvd	895	280	90	72.2	72.5	0.4
Jefferson Blvd between Sepulveda Blvd & Slauson Ave	195	60	20	68.4	65.9	-2.5
Jefferson Blvd between Overland Ave & Sepulveda Blvd	600	190	60	72.4	70.8	-1.6
Jefferson Blvd between Duquesne Ave & Overland Ave	790	250	80	72.9	72.0	-0.9
Jefferson Blvd between Overland Ave & Sawtelle Blvd	285	90	30	69.4	67.6	-1.8
Jefferson Blvd between Obama Blvd & Duquesne Ave	935	295	95	73.5	72.7	-0.8
Machado Rd between Jefferson Blvd & Sepulveda Blvd	90	30	10	61.6	62.5	0.9
Overland Ave between Venice Blvd & Washington Blvd	500	160	50	69.9	70.0	0.1
Overland Ave between Washington Blvd & Culver Blvd	750	235	75	71.5	71.8	0.2
Overland Ave between Culver Blvd & Jefferson Blvd	815	260	80	71.6	72.1	0.6
Overland Ave between Jefferson Blvd & Sawtelle Blvd	640	205	65	68.6	71.1	2.5
S Centinela Ave between Washington Blvd & Culver Blvd	380	120	40	70.4	68.8	-1.6
S Centinela Ave between Venice Blvd & Washington PI	1020	325	100	72.9	73.1	0.2
S Centinela Ave between Washington PI & W Washington Blvd	710	225	70	71.4	71.5	0.1
S Fairfax Ave between Venice Blvd & Washington Blvd	755	240	75	71.8	71.8	0.0
S La Cienega Blvd between Fairfax Ave & W Jefferson Blvd	1330	420	135	74.1	74.3	0.2
S La Cienega Blvd between Venice Blvd & Washington Blvd	940	300	95	72.6	72.8	0.1
S La Cienega Blvd between Washington Blvd & Fairfax Ave	1370	435	135	74.2	74.4	0.2
Sepulveda Blvd between Slauson Ave & W Centinela Ave	1140	360	115	73.6	73.6	0.0
Sepulveda Blvd between Culver Blvd & Jefferson Blvd	550	175	55	71.2	70.4	-0.8
Sepulveda Blvd between Washington Blvd & Culver Blvd	305	95	30	68.6	67.9	-0.8
Sepulveda Blvd between Venice Blvd & Washington PI	495	155	50	70.1	70.0	-0.1
Sepulveda Blvd between Washington PI & Washington Blvd	355	110	35	69.0	68.5	-0.5
Sepulveda Blvd between Jefferson Blvd & Slauson Ave	1275	405	125	75.5	74.1	-1.5
Sepulveda Blvd between Sawtelle Blvd & Jefferson Blvd	1245	395	125	76.1	74.0	-2.2
Sepulveda Blvd between Jefferson Blvd & Sawtelle Blvd	975	310	100	73.9	72.9	-1.0
Slauson Ave between Jefferson Blvd & Sepulveda Blvd	925	290	90	71.6	72.7	1.0
Slauson Ave between W Jefferson Blvd & Washington Blvd	1205	380	120	73.1	73.8	0.7
Venice Blvd between Sepulveda Blvd and Sawtelle Blvd	640	200	65	71.0	71.1	0.1
Venice Blvd between Overland Ave and Sepulveda Blvd	615	195	60	70.8	70.9	0.1
W Centinela Ave between Sepulveda Blvd & Green Valley Cir	1405	445	140	74.6	74.5	-0.1
W Centinela Ave between Jefferson Blvd & Sepulveda Blvd	3660	1155	365	78.2	78.6	0.5
W Jefferson Blvd between National Blvd & Obama Blvd	555	175	55	69.9	70.4	0.5
W Jefferson Blvd between Obama Blvd & Duquesne Ave	940	300	95	73.5	72.8	-0.7
Washington Blvd between Overland Ave & Washington PI	560	175	55	70.3	70.5	0.2
Washington Blvd between Duquesne Ave & Overland Ave	440	140	45	69.3	69.4	0.1
Washington Blvd between Washington PI & Sepulveda Blvd	255	80	25	66.3	67.1	0.8
Washington Blvd between Culver Blvd & Duquesne Ave	215	70	20	66.4	66.4	0.0
Washington Blvd between Washington PI & Lincoln Blvd	265	85	25	66.7	67.2	0.5
Washington Blvd between Inglewood Blvd & S Centinela Ave	525	165	55	66.0	70.2	4.2
Washington Blvd between Sawtelle Blvd & Inglewood Blvd	305	95	30	67.3	67.9	0.5
Washington Blvd between S Centinela Ave & W Washington Blvd	280	90	30	66.9	67.5	0.5
Washington Blvd between Sepulveda Blvd & Sawtelle Blvd	290	90	30	66.8	67.7	0.8
Washington Blvd between La Cienega Blvd & National Blvd	565	180	55	70.2	70.5	0.3
Washington Blvd between National Blvd & Culver Blvd	415	130	40	68.8	69.2	0.4
Washington Blvd between Fairfax Ave & La Cienega Blvd	565	180	55	70.2	70.5	0.3
Washington Blvd between S Centinela Ave & Washington PI	345	110	35	67.9	68.4	0.6
Washington Blvd between Duquesne Ave & Overland Dr	435	135	45	69.2	69.4	0.2
Washington Blvd between National Blvd & Overland Ave	465	145	45	69.2	69.7	0.5
Washington Blvd between Overland Ave & Sepulveda Blvd	535	170	55	70.0	70.3	0.3
Washington PI between Washington Blvd & Sepulveda Blvd	330	105	35	68.5	68.2	-0.3
Washington PI between Inglewood Blvd & S Centinela Ave	320	100	30	68.4	68.1	-0.3
Washington PI between S Centinela Ave & W Washington Blvd	320	100	30	68.3	68.1	-0.2
Washington PI between Washington Blvd & Washington Blvd	320	100	30	68.1	68.1	-0.1
Washington PI between Sepulveda Blvd & Sawtelle Blvd	340	105	35	68.8	68.3	-0.5

## Culver City GPU - Operational Traffic Noise Modeling Summary - Existing

Roadway Segment	dBA CNEL at 50 Feet from Centerline	Approximate Distance to CNEL Contour (feet)		
		60 dBA CNEL Contour	65 dBA CNEL Contour	70 dBA CNEL Contour
Adams Blvd between Washington Blvd & Fairfax Ave	64.8	150	45	15
Culver Blvd between Overland Ave & Sepulveda Blvd	72.7	935	295	95
Culver Blvd between Sepulveda & Sawtelle Blvd	72.5	895	280	90
Culver Blvd between Washington Blvd & Duquesne Ave	69.1	405	130	40
Culver Blvd between Washington Blvd & Washington Blvd	70.9	620	195	60
Culver Blvd between Duquesne Ave & Overland Ave	72.6	905	285	90
Fairfax Ave between Washington Blvd & La Cienega Blvd	72.6	910	290	90
Jefferson Blvd between Slauson Ave & Inglewood Blvd	71.4	690	220	70
Jefferson Blvd between Sepulveda Blvd & Slauson Ave	69.5	450	140	45
Jefferson Blvd between Overland Ave & Sepulveda Blvd	70.8	605	190	60
Jefferson Blvd between Duquesne Ave & Overland Ave	73.4	1095	345	110
Jefferson Blvd between Overland Ave & Sawtelle Blvd	66.3	215	70	20
Jefferson Blvd between Obama Blvd & Duquesne Ave	73.4	1105	350	110
Machado Rd between Jefferson Blvd & Sepulveda Blvd	62.9	95	30	10
Overland Ave between Venice Blvd & Washington Blvd	69.5	445	140	45
Overland Ave between Washington Blvd & Culver Blvd	69.8	475	150	45
Overland Ave between Culver Blvd & Jefferson Blvd	69.4	430	135	45
Overland Ave between Jefferson Blvd & Sawtelle Blvd	69.7	465	150	45
S Centinela Ave between Washington Blvd & Culver Blvd	69.2	415	130	40
S Centinela Ave between Venice Blvd & Washington Pl	72.7	930	295	95
S Centinela Ave between Washington Pl & W Washington Blvd	71.1	650	205	65
S Fairfax Ave between Venice Blvd & Washington Blvd	70.0	500	160	50
S La Cienega Blvd between Fairfax Ave & W Jefferson Blvd	72.6	905	285	90
S La Cienega Blvd between Venice Blvd & Washington Blvd	70.9	610	195	60
S La Cienega Blvd between Washington Blvd & Fairfax Ave	72.7	935	295	95
Sepulveda Blvd between Slauson Ave & W Centinela Ave	72.0	795	250	80
Sepulveda Blvd between Culver Blvd & Jefferson Blvd	72.0	785	250	80
Sepulveda Blvd between Washington Blvd & Culver Blvd	70.0	500	160	50
Sepulveda Blvd between Venice Blvd & Washington Pl	71.4	695	220	70
Sepulveda Blvd between Washington Pl & Washington Blvd	70.9	615	195	60
Sepulveda Blvd between Jefferson Blvd & Slauson Ave	73.1	1020	325	100
Sepulveda Blvd between Sawtelle Blvd & Jefferson Blvd	75.5	1770	560	175
Sepulveda Blvd between Jefferson Blvd & Sawtelle Blvd	71.8	765	240	75
Slauson Ave between Jefferson Blvd & Sepulveda Blvd	68.8	380	120	40
Slauson Ave between W Jefferson Blvd & Washington Blvd	62.6	90	30	10
Venice Blvd between Sepulveda Blvd and Sawtelle Blvd	69.8	480	150	50
Venice Blvd between Overland Ave and Sepulveda Blvd	70.1	515	160	50
W Centinela Ave between Sepulveda Blvd & Green Valley Cir	72.3	840	265	85
W Centinela Ave between Jefferson Blvd & Sepulveda Blvd	76.1	2045	645	205
W Jefferson Blvd between National Blvd & Obama Blvd	70.8	605	190	60
W Jefferson Blvd between Obama Blvd & Duquesne Ave	73.4	1105	350	110
Washington Blvd between Overland Ave & Washington Pl	70.9	610	190	60
Washington Blvd between Duquesne Ave & Overland Ave	69.2	410	130	40
Washington Blvd between Washington Pl & Sepulveda Blvd	66.5	225	70	20
Washington Blvd between Culver Blvd & Duquesne Ave	67.6	285	90	30
Washington Blvd between Washington Pl & Lincoln Blvd	68.3	340	110	35
Washington Blvd between Inglewood Blvd & S Centinela Ave	69.0	395	125	40
Washington Blvd between Sawtelle Blvd & Inglewood Blvd	68.8	380	120	40
Washington Blvd between S Centinela Ave & W Washington Blvd	67.4	280	90	30
Washington Blvd between Sepulveda Blvd & Sawtelle Blvd	68.4	345	110	35
Washington Blvd between La Cienega Blvd & National Blvd	71.6	715	225	70
Washington Blvd between National Blvd & Culver Blvd	70.7	585	185	60
Washington Blvd between Fairfax Ave & La Cienega Blvd	71.3	670	210	65
Washington Blvd between S Centinela Ave & Washington Pl	68.5	355	115	35
Washington Blvd between Duquesne Ave & Overland Dr	69.1	405	130	40
Washington Blvd between National Blvd & Overland Ave	70.6	575	180	55
Washington Blvd between Overland Ave & Sepulveda Blvd	70.7	590	185	60
Washington Pl between Washington Blvd & Sepulveda Blvd	69.2	415	130	40
Washington Pl between Inglewood Blvd & S Centinela Ave	70.4	550	175	55
Washington Pl between S Centinela Ave & W Washington Blvd	70.2	530	165	55
Washington Pl between Washington Blvd & Washington Blvd	70.8	605	190	60
Washington Pl between Sepulveda Blvd & Sawtelle Blvd	69.7	465	150	45

## Culver City GPU - Operational Traffic Noise Modeling Summary - Cumulative

Roadway Segment	Existing Noise Levels	Future Plus Project Noise Levels	Increase
	dBA CNEL at 50 Feet from Centerline		
Adams Blvd between Washington Blvd & Fairfax Ave	64.8	64.2	-0.5
Culver Blvd between Overland Ave & Sepulveda Blvd	72.7	73.9	1.2
Culver Blvd between Sepulveda & Sawtelle Blvd	72.5	73.8	1.3
Culver Blvd between Washington Blvd & Duquesne Ave	69.1	70.6	1.6
Culver Blvd between Washington Blvd & Washington Blvd	70.9	71.0	0.0
Culver Blvd between Duquesne Ave & Overland Ave	72.6	74.9	2.3
Fairfax Ave between Washington Blvd & La Cienega Blvd	72.6	71.9	-0.7
Jefferson Blvd between Slauson Ave & Inglewood Blvd	71.4	72.5	1.1
Jefferson Blvd between Sepulveda Blvd & Slauson Ave	69.5	65.9	-3.6
Jefferson Blvd between Overland Ave & Sepulveda Blvd	70.8	70.8	0.0
Jefferson Blvd between Duquesne Ave & Overland Ave	73.4	72.0	-1.4
Jefferson Blvd between Overland Ave & Sawtelle Blvd	66.3	67.6	1.2
Jefferson Blvd between Obama Blvd & Duquesne Ave	73.4	72.7	-0.7
Machado Rd between Jefferson Blvd & Sepulveda Blvd	62.9	62.5	-0.4
Overland Ave between Venice Blvd & Washington Blvd	69.5	70.0	0.5
Overland Ave between Washington Blvd & Culver Blvd	69.8	71.8	2.0
Overland Ave between Culver Blvd & Jefferson Blvd	69.4	72.1	2.8
Overland Ave between Jefferson Blvd & Sawtelle Blvd	69.7	71.1	1.4
S Centinela Ave between Washington Blvd & Culver Blvd	69.2	68.8	-0.4
S Centinela Ave between Venice Blvd & Washington PI	72.7	73.1	0.4
S Centinela Ave between Washington PI & W Washington Blvd	71.1	71.5	0.4
S Fairfax Ave between Venice Blvd & Washington Blvd	70.0	71.8	1.8
S La Cienega Blvd between Fairfax Ave & W Jefferson Blvd	72.6	74.3	1.7
S La Cienega Blvd between Venice Blvd & Washington Blvd	70.9	72.8	1.9
S La Cienega Blvd between Washington Blvd & Fairfax Ave	72.7	74.4	1.6
Sepulveda Blvd between Slauson Ave & W Centinela Ave	72.0	73.6	1.6
Sepulveda Blvd between Culver Blvd & Jefferson Blvd	72.0	70.4	-1.5
Sepulveda Blvd between Washington Blvd & Culver Blvd	70.0	67.9	-2.1
Sepulveda Blvd between Venice Blvd & Washington PI	71.4	70.0	-1.5
Sepulveda Blvd between Washington PI & Washington Blvd	70.9	68.5	-2.4
Sepulveda Blvd between Jefferson Blvd & Slauson Ave	73.1	74.1	1.0
Sepulveda Blvd between Sawtelle Blvd & Jefferson Blvd	75.5	74.0	-1.5
Sepulveda Blvd between Jefferson Blvd & Sawtelle Blvd	71.8	72.9	1.1
Slauson Ave between Jefferson Blvd & Sepulveda Blvd	68.8	72.7	3.8
Slauson Ave between W Jefferson Blvd & Washington Blvd	62.6	73.8	11.2
Venice Blvd between Sepulveda Blvd and Sawtelle Blvd	69.8	71.1	1.2
Venice Blvd between Overland Ave and Sepulveda Blvd	70.1	70.9	0.8
W Centinela Ave between Sepulveda Blvd & Green Valley Cir	72.3	74.5	2.2
W Centinela Ave between Jefferson Blvd & Sepulveda Blvd	76.1	78.6	2.5
W Jefferson Blvd between National Blvd & Obama Blvd	70.8	70.4	-0.4
W Jefferson Blvd between Obama Blvd & Duquesne Ave	73.4	72.8	-0.7
Washington Blvd between Overland Ave & Washington PI	70.9	70.5	-0.4
Washington Blvd between Duquesne Ave & Overland Ave	69.2	69.4	0.3
Washington Blvd between Washington PI & Sepulveda Blvd	66.5	67.1	0.6
Washington Blvd between Culver Blvd & Duquesne Ave	67.6	66.4	-1.2
Washington Blvd between Washington PI & Lincoln Blvd	68.3	67.2	-1.1
Washington Blvd between Inglewood Blvd & S Centinela Ave	69.0	70.2	1.2
Washington Blvd between Sawtelle Blvd & Inglewood Blvd	68.8	67.9	-1.0
Washington Blvd between S Centinela Ave & W Washington Blvd	67.4	67.5	0.0
Washington Blvd between Sepulveda Blvd & Sawtelle Blvd	68.4	67.7	-0.7
Washington Blvd between La Cienega Blvd & National Blvd	71.6	70.5	-1.0
Washington Blvd between National Blvd & Culver Blvd	70.7	69.2	-1.5
Washington Blvd between Fairfax Ave & La Cienega Blvd	71.3	70.5	-0.7
Washington Blvd between S Centinela Ave & Washington PI	68.5	68.4	-0.1
Washington Blvd between Duquesne Ave & Overland Dr	69.1	69.4	0.3
Washington Blvd between National Blvd & Overland Ave	70.6	69.7	-0.9
Washington Blvd between Overland Ave & Sepulveda Blvd	70.7	70.3	-0.4
Washington PI between Washington Blvd & Sepulveda Blvd	69.2	68.2	-1.0
Washington PI between Inglewood Blvd & S Centinela Ave	70.4	68.1	-2.3
Washington PI between S Centinela Ave & W Washington Blvd	70.2	68.1	-2.2
Washington PI between Washington Blvd & Washington Blvd	70.8	68.1	-2.7
Washington PI between Sepulveda Blvd & Sawtelle Blvd	69.7	68.3	-1.4



TRAFFIC NOISE ANALYSIS TOOL

Project Name: Culver City GPU
Project Number:
Analysis Scenario: Ex
Source of Traffic Volumes: Fehr and Peers, 2023

Table with columns: Segment ID, Roadway Segment, Ground Type, Distance from Roadway to Receiver (feet), Speed (mph) (Auto, MT, HT), Peak Hour Volume (Auto, MT, HT), Peak Hour Noise Level (Leq(h) dBA), CNEL Noise Level (dBA), Distance (feet) to Noise Level (dBA CNEL) (60, 65, 70). Rows 1-69.

Model Notes:
The calculation is based on the methodology described in FHWA Traffic Noise Model Technical Manual (1998).
The peak hour noise level at 50 feet was validated with the results from FHWA Traffic Noise Model Version 2.5.
Accuracy of the calculation is within ±0.1 dB when comparing to TNM results.
Noise propagation greater than 50 feet is based on the following assumptions:
For hard ground, the propagation rate is 3 dB per doubling the distance.
For soft ground, the propagation rate is 4.5 dB per doubling the distance.
Vehicles are assumed to be on a long straight roadway with cruise speed.
Roadway grade is less than 1.5%.
CNEL levels were obtained based on Figure 2-19, on page 2-58 Caltran's TeNS 2013.



### TRAFFIC NOISE ANALYSIS TOOL

Project Name: Culver City GPU  
 Project Number:  
 Analysis Scenario: 2045 FB  
 Source of Traffic Volumes: Fehr and Peers, 2023

Segment ID	Roadway Segment	Ground Type	Distance from Roadway to Receiver (feet)	Speed (mph)			Peak Hour Volume			Peak Hour Noise Level (Leq(h) dBA)	CNEL Noise Level (dBA)	Distance (feet) to Noise Level (dBA CNEL)		
				Auto	MT	HT	Auto	MT	HT			60	65	70
1	Adams Blvd between Washington Blvd & Fairfax Ave	Hard	50	30	30	30	966	10	10	62.9	63.9	125	40	10
2	Culver Blvd between Overland Ave & Sepulveda Blvd	Hard	50	40	40	40	3434	62	84	72.5	73.5	1,120	355	110
3	Culver Blvd between Sepulveda & Sawtelle Blvd	Hard	50	35	35	35	4512	94	138	72.5	73.5	1,130	360	115
4	Culver Blvd between Washington Blvd & Duquesne Ave	Hard	50	30	30	30	3208	59	78	69.3	70.3	540	170	55
5	Culver Blvd between Washington Blvd & Washington Blvd	Hard	50	30	30	30	3542	61	87	69.7	70.7	595	190	60
6	Culver Blvd between Duquesne Ave & Overland Ave	Hard	50	40	40	40	4294	77	101	73.4	74.4	1,385	440	140
7	Fairfax Ave between Washington Blvd & La Cienega Blvd	Hard	50	35	35	35	2971	65	94	70.8	71.8	755	240	75
8	Jefferson Blvd between Slauson Ave & Inglewood Blvd	Hard	50	35	35	35	3482	63	90	71.2	72.2	820	260	80
9	Jefferson Blvd between Sepulveda Blvd & Slauson Ave	Hard	50	35	35	35	1469	26	38	67.4	68.4	345	110	35
10	Jefferson Blvd between Overland Ave & Sepulveda Blvd	Hard	50	35	35	35	3950	81	76	71.4	72.4	875	275	85
11	Jefferson Blvd between Duquesne Ave & Overland Ave	Hard	50	40	40	40	3073	64	60	71.9	72.9	965	305	95
12	Jefferson Blvd between Overland Ave & Sawtelle Blvd	Hard	50	35	35	35	1978	40	36	68.4	69.4	430	135	45
13	Jefferson Blvd between Obama Blvd & Duquesne Ave	Hard	50	40	40	40	3587	67	69	72.5	73.5	1,115	350	110
14	Machado Rd between Jefferson Blvd & Sepulveda Blvd	Hard	50	35	35	35	383	5	4	60.6	61.6	70	25	5
15	Overland Ave between Venice Blvd & Washington Blvd	Hard	50	30	30	30	3676	49	40	68.9	69.9	485	155	50
16	Overland Ave between Washington Blvd & Culver Blvd	Hard	50	35	35	35	3652	52	42	70.5	71.5	710	225	70
17	Overland Ave between Culver Blvd & Jefferson Blvd	Hard	50	35	35	35	3578	56	46	70.6	71.6	715	225	70
18	Overland Ave between Jefferson Blvd & Sawtelle Blvd	Hard	50	35	35	35	1758	32	24	67.6	68.6	360	115	35
19	S Centinela Ave between Washington Blvd & Culver Blvd	Hard	50	30	30	30	3411	60	74	69.4	70.4	550	175	55
20	S Centinela Ave between Venice Blvd & Washington Pl	Hard	50	40	40	40	3192	52	59	71.9	72.9	975	310	95
21	S Centinela Ave between Washington Pl & W Washington Blvd	Hard	50	35	35	35	3132	55	63	70.4	71.4	690	220	70
23	S Fairfax Ave between Venice Blvd & Washington Blvd	Hard	50	35	35	35	3054	56	90	70.8	71.8	750	235	75
24	S La Cienega Blvd between Fairfax Ave & W Jefferson Blvd	Hard	50	35	35	35	5195	100	154	73.1	74.1	1,280	405	130
25	S La Cienega Blvd between Venice Blvd & Washington Blvd	Hard	50	30	30	30	5056	96	150	71.6	72.6	915	290	90
26	S La Cienega Blvd between Washington Blvd & Fairfax Ave	Hard	50	35	35	35	5361	102	156	73.2	74.2	1,315	415	130
28	Sepulveda Blvd between Slauson Ave & W Centinela Ave	Hard	50	35	35	35	5074	126	97	72.6	73.6	1,145	365	115
29	Sepulveda Blvd between Culver Blvd & Jefferson Blvd	Hard	50	40	40	40	2254	38	33	70.2	71.2	660	210	65
30	Sepulveda Blvd between Washington Blvd & Culver Blvd	Hard	50	35	35	35	1754	30	27	67.6	68.6	365	115	35
31	Sepulveda Blvd between Venice Blvd & Washington Pl	Hard	50	35	35	35	2286	41	47	69.1	70.1	510	160	50
32	Sepulveda Blvd between Washington Pl & Washington Blvd	Hard	50	35	35	35	1933	33	29	68.0	69.0	400	125	40
33	Sepulveda Blvd between Jefferson Blvd & Slauson Ave	Hard	50	40	40	40	5837	125	98	74.5	75.5	1,790	565	180
34	Sepulveda Blvd between Sawtelle Blvd & Jefferson Blvd	Hard	50	40	40	40	6695	132	120	75.1	76.1	2,060	650	205
35	Sepulveda Blvd between Jefferson Blvd & Sawtelle Blvd	Hard	50	40	40	40	4017	65	75	72.9	73.9	1,225	385	125
36	Slauson Ave between Jefferson Blvd & Sepulveda Blvd	Hard	50	40	40	40	2241	40	54	70.6	71.6	725	230	75
38	Slauson Ave between W Jefferson Blvd & Washington Blvd	Hard	50	40	40	40	3263	45	73	72.1	73.1	1,020	325	100
39	Venice Blvd between Sepulveda Blvd and Sawtelle Blvd	Hard	50	40	40	40	2099	27	37	70.0	71.0	625	195	60
40	Venice Blvd between Overland Ave and Sepulveda Blvd	Hard	50	40	40	40	1977	27	39	69.8	70.8	600	190	60
42	W Centinela Ave between Sepulveda Blvd & Green Valley Cir	Hard	50	45	45	45	3606	50	45	73.6	74.6	1,425	450	145
44	W Centinela Ave between Jefferson Blvd & Sepulveda Blvd	Hard	50	45	45	45	7577	154	150	77.2	78.2	3,290	1,040	330
45	W Jefferson Blvd between National Blvd & Obama Blvd	Hard	50	35	35	35	1965	45	59	68.9	69.9	495	155	50
46	W Jefferson Blvd between Obama Blvd & Duquesne Ave	Hard	50	40	40	40	3586	65	71	72.5	73.5	1,115	355	110
49	Washington Blvd between Overland Ave & Washington Pl	Hard	50	35	35	35	2583	34	42	69.3	70.3	530	170	55
50	Washington Blvd between Duquesne Ave & Overland Ave	Hard	50	35	35	35	2108	27	31	68.3	69.3	425	135	40
51	Washington Blvd between Washington Pl & Sepulveda Blvd	Hard	50	35	35	35	1042	12	17	65.3	66.3	215	65	20
52	Washington Blvd between Culver Blvd & Duquesne Ave	Hard	50	35	35	35	1038	11	19	65.4	66.4	215	70	20
53	Washington Blvd between Washington Pl & Lincoln Blvd	Hard	50	35	35	35	1188	15	16	65.7	66.7	235	75	25
54	Washington Blvd between Inglewood Blvd & S Centinela Ave	Hard	50	35	35	35	1129	11	7	65.0	66.0	200	65	20
55	Washington Blvd between Sawtelle Blvd & Inglewood Blvd	Hard	50	35	35	35	1387	17	18	66.3	67.3	270	85	25
56	Washington Blvd between S Centinela Ave & W Washington Blvd	Hard	50	35	35	35	1346	13	12	65.9	66.9	245	80	25
57	Washington Blvd between Sepulveda Blvd & Sawtelle Blvd	Hard	50	35	35	35	1197	14	18	65.8	66.8	240	75	25
58	Washington Blvd between La Cienega Blvd & National Blvd	Hard	50	35	35	35	2379	35	53	69.2	70.2	530	165	55
59	Washington Blvd between National Blvd & Culver Blvd	Hard	50	35	35	35	1724	25	38	67.8	68.8	380	120	40
60	Washington Blvd between Fairfax Ave & La Cienega Blvd	Hard	50	35	35	35	2293	33	57	69.2	70.2	525	165	50
61	Washington Blvd between S Centinela Ave & Washington Pl	Hard	50	35	35	35	1661	18	15	66.9	67.9	305	95	30
62	Washington Blvd between Duquesne Ave & Overland Dr	Hard	50	35	35	35	2052	27	32	68.2	69.2	420	130	40
63	Washington Blvd between National Blvd & Overland Ave	Hard	50	35	35	35	1914	26	38	68.2	69.2	415	130	40
64	Washington Blvd between Overland Ave & Sepulveda Blvd	Hard	50	35	35	35	2426	32	40	69.0	70.0	500	160	50
65	Washington Pl between Washington Blvd & Sepulveda Blvd	Hard	50	35	35	35	1724	23	27	67.5	68.5	350	110	35
66	Washington Pl between Inglewood Blvd & S Centinela Ave	Hard	50	35	35	35	1596	23	32	67.4	68.4	345	110	35
67	Washington Pl between S Centinela Ave & S Washington Blvd	Hard	50	35	35	35	1577	22	30	67.3	68.3	335	105	35
68	Washington Pl between Washington Blvd & Washington Blvd	Hard	50	35	35	35	1541	22	28	67.1	68.1	325	105	35
69	Washington Pl between Sepulveda Blvd & Sawtelle Blvd	Hard	50	35	35	35	1843	24	31	67.8	68.8	380	120	40

#### Model Notes:

The calculation is based on the methodology described in FHWA Traffic Noise Model Technical Manual (1998).  
 The peak hour noise level at 50 feet was validated with the results from FHWA Traffic Noise Model Version 2.5.  
 Accuracy of the calculation is within ±0.1 dB when comparing to TNM results.  
 Noise propagation greater than 50 feet is based on the following assumptions:  
 For hard ground, the propagation rate is 3 dB per doubling the distance.  
 For soft ground, the propagation rate is 4.5 dB per doubling the distance.  
 Vehicles are assumed to be on a long straight roadway with cruise speed.  
 Roadway grade is less than 1.5%.  
 CNEL levels were obtained based on Figure 2-19, on page 2-58 Caltran's TeNS 2013.



TRAFFIC NOISE ANALYSIS TOOL

Project Name: Culver City GPU
Project Number:
Analysis Scenario: 2045 GPFC
Source of Traffic Volumes: Fehr and Peers, 2023

Table with columns: Segment ID, Roadway Segment, Ground Type, Distance from Roadway to Receiver (feet), Speed (mph) (Auto, MT, HT), Peak Hour Volume (Auto, MT, HT), Peak Hour Noise Level (Leq(h) dBA), CNEL Noise Level (dBA), Distance (feet) to Noise Level (dBA CNEL) (60, 65, 70). Rows 1-69 list various roadway segments and their noise analysis data.

Model Notes:
The calculation is based on the methodology described in FHWA Traffic Noise Model Technical Manual (1998).
The peak hour noise level at 50 feet was validated with the results from FHWA Traffic Noise Model Version 2.5.
Accuracy of the calculation is within +/- 0.1 dB when comparing to TNM results.
Noise propagation greater than 50 feet is based on the following assumptions:
For hard ground, the propagation rate is 3 dB per doubling the distance.
For soft ground, the propagation rate is 4.5 dB per doubling the distance.
Vehicles are assumed to be on a long straight roadway with cruise speed.
Roadway grade is less than 1.5%.
CNEL levels were obtained based on Figure 2-19, on page 2-58 Caltrans' TeNS 2013.



### Summary

**File Name on Meter** R1  
**File Name on PC** SLM\_0004161\_LxT\_Data\_119.00.lbin  
**Serial Number** 0004161  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 09:39:33  
**Stop** 2019-10-22 09:54:33  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:12:14  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 146.5 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
<b>Under Range Peak</b>	<b>102.7</b>	99.7	104.7 dB
<b>Under Range Limit</b>	<b>51.7</b>	49.7	57.7 dB
<b>Noise Floor</b>	38.5	39.2	46.8 dB

### Results

**LASeq** 58.6 dB  
**LASE** 88.2 dB  
**EAS** 73.263  $\mu\text{Pa}^2\text{h}$   
**EAS8** 2.344  $\text{mPa}^2\text{h}$   
**EAS40** 11.722  $\text{mPa}^2\text{h}$   
**LApeak (max)** 2019-10-22 09:49:39 88.6 dB  
**LASmax** 2019-10-22 09:52:32 74.7 dB  
**LASmin** 2019-10-22 09:54:13 46.7 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 68.7 dB  
**LASeq** 58.6 dB  
**LCSeq - LASeq** 10.1 dB  
**LAleq** 60.5 dB  
**LAeq** 58.6 dB  
**LAlaq - LAeq** 1.8 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	58.6					
LS(max)	74.7	2019/10/22 9:52:32				
LS(min)	46.7	2019/10/22 9:54:13				
LPeak(max)	88.6	2019/10/22 9:49:39				

### Summary

**File Name on Meter** R2  
**File Name on PC** SLM\_0004983\_LxT\_Data\_044.01.ldbin  
**Serial Number** 0004983  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 10:42:13  
**Stop** 2019-10-22 10:57:13  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:24:17  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 144.7 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
<b>Under Range Peak</b>	<b>101.0</b>	98.0	103.0 dB
<b>Under Range Limit</b>	<b>50.0</b>	48.0	56.0 dB
<b>Noise Floor</b>	36.8	37.4	45.1 dB

### Results

**LASeq** 58.8 dB  
**LASE** 88.3 dB  
**EAS** 75.810  $\mu\text{Pa}^2\text{h}$   
**EAS8** 2.426  $\text{mPa}^2\text{h}$   
**EAS40** 12.130  $\text{mPa}^2\text{h}$   
**LApeak (max)** 2019-10-22 10:46:39 86.3 dB  
**LASmax** 2019-10-22 10:54:54 67.4 dB  
**LASmin** 2019-10-22 10:52:40 52.7 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 69.0 dB  
**LASeq** 58.8 dB  
**LCSeq - LASeq** 10.2 dB  
**LAlEq** 60.2 dB  
**LAeq** 58.8 dB  
**LAlEq - LAeq** 1.4 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	58.8					
LS(max)	67.4	2019/10/22 10:54:54				
LS(min)	52.7	2019/10/22 10:52:40				
LPeak(max)	86.3	2019/10/22 10:46:39				

### Summary

**File Name on Meter** R3  
**File Name on PC** SLM\_0004161\_LxT\_Data\_124.00.ldbin  
**Serial Number** 0004161  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 11:39:16  
**Stop** 2019-10-22 11:54:16  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:12:14  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 146.5 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
<b>Under Range Peak</b>	<b>102.7</b>	99.7	104.7 dB
<b>Under Range Limit</b>	<b>51.7</b>	49.7	57.7 dB
<b>Noise Floor</b>	38.5	39.2	46.8 dB

### Results

**LASeq** 62.2 dB  
**LASE** 91.7 dB  
**EAS** 165.154  $\mu\text{Pa}^2\text{h}$   
**EAS8** 5.285  $\text{mPa}^2\text{h}$   
**EAS40** 26.425  $\text{mPa}^2\text{h}$   
**LApeak (max)** 2019-10-22 11:40:59 89.1 dB  
**LASmax** 2019-10-22 11:43:08 77.8 dB  
**LASmin** 2019-10-22 11:51:22 51.2 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 72.6 dB  
**LASeq** 62.2 dB  
**LCSeq - LASeq** 10.4 dB  
**LAleq** 64.3 dB  
**LAeq** 62.2 dB  
**LAlaq - LAeq** 2.1 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	62.2					
LS(max)	77.8	2019/10/22 11:43:08				
LS(min)	51.2	2019/10/22 11:51:22				
LPeak(max)	89.1	2019/10/22 11:40:59				

### Summary

**File Name on Meter** R4  
**File Name on PC** SLM\_0004983\_LxT\_Data\_048.01.ldbin  
**Serial Number** 0004983  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 12:51:31  
**Stop** 2019-10-22 13:06:31  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:24:17  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 144.7 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
<b>Under Range Peak</b>	<b>101.0</b>	98.0	103.0 dB
<b>Under Range Limit</b>	<b>50.0</b>	48.0	56.0 dB
<b>Noise Floor</b>	36.8	37.4	45.1 dB

### Results

**LASeq** 46.2 dB  
**LASE** 75.8 dB  
**EAS** 4.182  $\mu\text{Pa}^2\text{h}$   
**EAS8** 133.817  $\mu\text{Pa}^2\text{h}$   
**EAS40** 669.085  $\mu\text{Pa}^2\text{h}$   
**LApeak (max)** 2019-10-22 13:05:08 88.9 dB  
**LASmax** 2019-10-22 13:05:08 59.6 dB  
**LASmin** 2019-10-22 13:03:16 39.8 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 58.7 dB  
**LASeq** 46.2 dB  
**LCSeq - LASeq** 12.5 dB  
**LAlEq** 49.5 dB  
**LAeq** 46.2 dB  
**LAlEq - LAeq** 3.3 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	46.2					
LS(max)	59.6	2019/10/22 13:05:08				
LS(min)	39.8	2019/10/22 13:03:16				
LPeak(max)	88.9	2019/10/22 13:05:08				

### Summary

**File Name on Meter** R5  
**File Name on PC** SLM\_0004983\_LxT\_Data\_041.02.lbin  
**Serial Number** 0004983  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 09:23:58  
**Stop** 2019-10-22 09:38:58  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:24:17  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 144.7 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
<b>Under Range Peak</b>	<b>101.0</b>	98.0	103.0 dB
<b>Under Range Limit</b>	<b>50.0</b>	48.0	56.0 dB
<b>Noise Floor</b>	36.8	37.4	45.1 dB

### Results

**LASeq** 63.4 dB  
**LASE** 93.0 dB  
**EAS** 220.512  $\mu\text{Pa}^2\text{h}$   
**EAS8** 7.056  $\text{mPa}^2\text{h}$   
**EAS40** 35.282  $\text{mPa}^2\text{h}$   
**LApeak (max)** 2019-10-22 09:28:49 94.2 dB  
**LASmax** 2019-10-22 09:38:07 75.1 dB  
**LASmin** 2019-10-22 09:33:07 52.3 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 73.6 dB  
**LASeq** 63.4 dB  
**LCSeq - LASeq** 10.1 dB  
**LALeq** 65.3 dB  
**LAeq** 63.4 dB  
**LALeq - LAeq** 1.9 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	63.4					
LS(max)	75.1	2019/10/22 9:38:07				
LS(min)	52.3	2019/10/22 9:33:07				
LPeak(max)	94.2	2019/10/22 9:28:49				

**Summary**

File Name on Meter R6  
 File Name on PC SLM\_0005055\_LxT\_Data\_048.02.ldbin  
 Serial Number 0005055  
 Model SoundTrack LxT®  
 Firmware Version 2.302  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2019-10-22 09:34:22  
 Stop 2019-10-22 09:49:22  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
 Pre Calibration 2019-10-22 08:47:31  
 Post Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamp PRMLxT2B  
 Microphone Correction Off  
 Integration Method Exponential  
 OBA Range Low  
 OBA Bandwidth None  
 OBA Freq. Weighting Z Weighting  
 OBA Max Spectrum Bin Max  
 Overload 144.6 dB  
 Under Range Peak **100.8** **C** **Z**  
 Under Range Limit **49.8** 47.8 55.8 dB  
 Noise Floor 36.7 37.3 44.9 dB

**Results**

LASeq 62.4 dB  
 LA SE 92.0 dB  
 EAS 175.083  $\mu\text{Pa}^2\text{h}$   
 EAS8 5.603  $\text{mPa}^2\text{h}$   
 EAS40 28.013  $\text{mPa}^2\text{h}$   
 LApeak (max) 2019-10-22 09:35:15 97.0 dB  
 LASmax 2019-10-22 09:35:15 85.4 dB  
 LASmin 2019-10-22 09:49:12 53.2 dB  
 SEA -99.9 dB

LAS > 85.0 dB (Exceedance Counts / Duration) 1 0.7 s  
 LAS > 115.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 135.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 137.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 140.0 dB (Exceedance Counts / Duration) 0 0.0 s

LCSeq 72.6 dB  
 LASeq 62.4 dB  
 LCSeq - LASeq 10.2 dB  
 LAleq 66.3 dB  
 LAeq 62.4 dB  
 LAleq - LAeq 3.9 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	62.4					
LS(max)	85.4	2019/10/22 9:35:15				
LS(min)	53.2	2019/10/22 9:49:12				
LPeak(max)	97.0	2019/10/22 9:35:15				

Summary

File Name on Meter R7  
 File Name on PC SLM\_0005055\_LxT\_Data\_050.02.ldbin  
 Serial Number 0005055  
 Model SoundTrack LxT®  
 Firmware Version 2.302  
 User  
 Location  
 Job Description  
 Note

Measurement

Description  
 Start 2019-10-22 10:19:24  
 Stop 2019-10-22 10:34:24  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
 Pre Calibration 2019-10-22 08:47:31  
 Post Calibration None  
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamp PRMLxT2B  
 Microphone Correction Off  
 Integration Method Exponential  
 OBA Range Low  
 OBA Bandwidth None  
 OBA Freq. Weighting Z Weighting  
 OBA Max Spectrum Bin Max  
 Overload 144.6 dB  
 Under Range Peak 100.8 A 97.8 C 102.8 Z dB  
 Under Range Limit 49.8 A 47.8 C 55.8 Z dB  
 Noise Floor 36.7 A 37.3 C 44.9 Z dB

Results

LAseq 67.0 dB  
 LASE 96.5 dB  
 EAS 501.195 µPa²h  
 EAS8 16.038 mPa²h  
 EAS40 80.191 mPa²h  
 LApeak (max) 2019-10-22 10:31:53 102.2 dB  
 LASmax 2019-10-22 10:31:53 83.2 dB  
 LASmin 2019-10-22 10:31:04 48.0 dB  
 SEA -99.9 dB

LAS > 85.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LAS > 115.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 135.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 137.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 140.0 dB (Exceedance Counts / Duration) 0 0.0 s

LCSeq 72.8 dB  
 LASeq 67.0 dB  
 LCSeq - LASeq 5.8 dB  
 LAleq 69.8 dB  
 LAeq 67.0 dB  
 LAleq - LAeq 2.8 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	67.0					
LS(max)	83.2	2019/10/22 10:31:53				
LS(min)	48.0	2019/10/22 10:31:04				
LPeak(max)	102.2	2019/10/22 10:31:53				

**Summary**

File Name on Meter R8  
 File Name on PC SLM\_0005055\_LxT\_Data\_046.01.ldbin  
 Serial Number 0005055  
 Model SoundTrack LxT®  
 Firmware Version 2.302  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2019-10-22 08:49:44  
 Stop 2019-10-22 09:04:44  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
  
 Pre Calibration 2019-10-22 08:47:32  
 Post Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamp PRMLxT2B  
 Microphone Correction Off  
 Integration Method Exponential  
 OBA Range Low  
 OBA Bandwidth None  
 OBA Freq. Weighting Z Weighting  
 OBA Max Spectrum Bin Max  
 Overload 144.6 dB  
  

	A	C	Z
Under Range Peak	100.8	97.8	102.8 dB
Under Range Limit	49.8	47.8	55.8 dB
Noise Floor	36.7	37.3	44.9 dB

**Results**

LASeq 51.9 dB  
 LA SE 81.4 dB  
 EAS 15.403 µPa²h  
 EAS8 492.911 µPa²h  
 EAS40 2.465 mPa²h  
 LApeak (max) 2019-10-22 08:49:51 86.2 dB  
 LASmax 2019-10-22 09:02:18 63.3 dB  
 LASmin 2019-10-22 08:50:34 48.4 dB  
 SEA -99.9 dB

LAS > 85.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LAS > 115.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 135.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 137.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 140.0 dB (Exceedance Counts / Duration) 0 0.0 s

LCSeq 64.5 dB  
 LASeq 51.9 dB  
 LCSeq - LASeq 12.6 dB  
 LAleq 54.6 dB  
 LAeq 51.9 dB  
 LAleq - LAeq 2.8 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	51.9					
LS(max)	63.3	2019/10/22 9:02:18				
LS(min)	48.4	2019/10/22 8:50:34				
LPeak(max)	86.2	2019/10/22 8:49:51				



**Summary**

File Name on Meter R9  
 File Name on PC SLM\_0005055\_LxT\_Data\_053.02.ldbin  
 Serial Number 0005055  
 Model SoundTrack LxT®  
 Firmware Version 2.302  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2019-10-22 11:45:29  
 Stop 2019-10-22 12:00:29  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
  
 Pre Calibration 2019-10-22 08:47:31  
 Post Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamp PRMLxT2B  
 Microphone Correction Off  
 Integration Method Exponential  
 OBA Range Low  
 OBA Bandwidth None  
 OBA Freq. Weighting Z Weighting  
 OBA Max Spectrum Bin Max  
 Overload 144.6 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
Under Range Peak	<b>100.8</b>	97.8	102.8 dB
Under Range Limit	<b>49.8</b>	47.8	55.8 dB
Noise Floor	36.7	37.3	44.9 dB

**Results**

LASeq 65.0 dB  
 LA SE 94.5 dB  
 EAS 314.789 µPa²h  
 EAS8 10.073 mPa²h  
 EAS40 50.366 mPa²h  
 LApeak (max) 2019-10-22 11:56:53 94.5 dB  
 LASmax 2019-10-22 11:56:54 82.6 dB  
 LASmin 2019-10-22 11:59:45 42.8 dB  
 SEA -99.9 dB  
  
 LAS > 85.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LAS > 115.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 135.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 137.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 140.0 dB (Exceedance Counts / Duration) 0 0.0 s

LCSeq 77.4 dB  
 LASeq 65.0 dB  
 LCSeq - LASeq 12.4 dB  
 LAleq 66.6 dB  
 LAeq 65.0 dB  
 LAleq - LAeq 1.6 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	65.0					
LS(max)	82.6	2019/10/22 11:56:54				
LS(min)	42.8	2019/10/22 11:59:45				
LPeak(max)	94.5	2019/10/22 11:56:53				

### Summary

**File Name on Meter** R10  
**File Name on PC** SLM\_0004161\_LxT\_Data\_122.00.ldbin  
**Serial Number** 0004161  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 10:55:22  
**Stop** 2019-10-22 11:10:22  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:12:14  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 146.5 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
<b>Under Range Peak</b>	<b>102.7</b>	99.7	104.7 dB
<b>Under Range Limit</b>	<b>51.7</b>	49.7	57.7 dB
<b>Noise Floor</b>	38.5	39.2	46.8 dB

### Results

**LASeq** 74.6 dB  
**LASE** 104.1 dB  
**EAS** 2.852 mPa<sup>2</sup>h  
**EAS8** 91.252 mPa<sup>2</sup>h  
**EAS40** 456.262 mPa<sup>2</sup>h  
**LApeak (max)** 2019-10-22 11:09:30 108.3 dB  
**LASmax** 2019-10-22 11:09:30 98.4 dB  
**LASmin** 2019-10-22 11:02:03 43.9 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 1 8.5 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 76.1 dB  
**LASeq** 74.6 dB  
**LCSeq - LASeq** 1.5 dB  
**LAleq** 77.9 dB  
**LAeq** 74.6 dB  
**LAlaq - LAeq** 3.4 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	74.6					
LS(max)	98.4	2019/10/22 11:09:30				
LS(min)	43.9	2019/10/22 11:02:03				
LPeak(max)	108.3	2019/10/22 11:09:30				

### Summary

**File Name on Meter** R11  
**File Name on PC** SLM\_0004161\_LxT\_Data\_123.00.lbin  
**Serial Number** 0004161  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 11:16:49  
**Stop** 2019-10-22 11:31:49  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:12:14  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 146.5 dB  
  

	A	C	Z
<b>Under Range Peak</b>	<b>102.7</b>	99.7	104.7 dB
<b>Under Range Limit</b>	<b>51.7</b>	49.7	57.7 dB
<b>Noise Floor</b>	38.5	39.2	46.8 dB

### Results

**LASeq** 63.9 dB  
**LASE** 93.4 dB  
**EAS** 244.673  $\mu\text{Pa}^2\text{h}$   
**EAS8** 7.830  $\text{mPa}^2\text{h}$   
**EAS40** 39.148  $\text{mPa}^2\text{h}$   
**LApeak (max)** 2019-10-22 11:26:51 101.6 dB  
**LASmax** 2019-10-22 11:26:52 88.6 dB  
**LASmin** 2019-10-22 11:21:48 42.5 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 1 2.9 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 73.0 dB  
**LASeq** 63.9 dB  
**LCSeq - LASeq** 9.1 dB  
**LALeq** 66.6 dB  
**LAeq** 63.9 dB  
**LALeq - LAeq** 2.7 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	63.9					
LS(max)	88.6	2019/10/22 11:26:52				
LS(min)	42.5	2019/10/22 11:21:48				
LPeak(max)	101.6	2019/10/22 11:26:51				

**Summary**

File Name on Meter R12  
 File Name on PC SLM\_0005055\_LxT\_Data\_052.02.ldbin  
 Serial Number 0005055  
 Model SoundTrack LxT®  
 Firmware Version 2.302  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2019-10-22 11:22:37  
 Stop 2019-10-22 11:37:37  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
  
 Pre Calibration 2019-10-22 08:47:31  
 Post Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamp PRMLxT2B  
 Microphone Correction Off  
 Integration Method Exponential  
 OBA Range Low  
 OBA Bandwidth None  
 OBA Freq. Weighting Z Weighting  
 OBA Max Spectrum Bin Max  
 Overload 144.6 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
Under Range Peak	<b>100.8</b>	97.8	102.8 dB
Under Range Limit	<b>49.8</b>	47.8	55.8 dB
Noise Floor	36.7	37.3	44.9 dB

**Results**

LASeq 65.4 dB  
 LA SE 95.0 dB  
 EAS 348.724  $\mu\text{Pa}^2\text{h}$   
 EAS8 11.159  $\text{mPa}^2\text{h}$   
 EAS40 55.796  $\text{mPa}^2\text{h}$   
 LApeak (max) 2019-10-22 11:29:27 94.5 dB  
 LASmax 2019-10-22 11:29:28 80.4 dB  
 LASmin 2019-10-22 11:25:10 56.6 dB  
 SEA -99.9 dB

LAS > 85.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LAS > 115.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 135.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 137.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 140.0 dB (Exceedance Counts / Duration) 0 0.0 s

LCSeq 77.1 dB  
 LASeq 65.4 dB  
 LCSeq - LASeq 11.7 dB  
 LAleq 66.6 dB  
 LAeq 65.4 dB  
 LAleq - LAeq 1.1 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	65.4					
LS(max)	80.4	2019/10/22 11:29:28				
LS(min)	56.6	2019/10/22 11:25:10				
LPeak(max)	94.5	2019/10/22 11:29:27				

### Summary

**File Name on Meter** R13  
**File Name on PC** SLM\_0004983\_LxT\_Data\_042.02.ldbin  
**Serial Number** 0004983  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 09:52:10  
**Stop** 2019-10-22 10:07:10  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:24:17  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 144.7 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
<b>Under Range Peak</b>	<b>101.0</b>	98.0	103.0 dB
<b>Under Range Limit</b>	<b>50.0</b>	48.0	56.0 dB
<b>Noise Floor</b>	36.8	37.4	45.1 dB

### Results

**LASeq** 45.6 dB  
**LASE** 75.2 dB  
**EAS** 3.663  $\mu\text{Pa}^2\text{h}$   
**EAS8** 117.202  $\mu\text{Pa}^2\text{h}$   
**EAS40** 586.012  $\mu\text{Pa}^2\text{h}$   
**LApeak (max)** 2019-10-22 10:03:09 79.9 dB  
**LASmax** 2019-10-22 10:04:15 52.8 dB  
**LASmin** 2019-10-22 09:54:12 41.4 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 59.8 dB  
**LASeq** 45.6 dB  
**LCSeq - LASeq** 14.1 dB  
**LALeq** 48.0 dB  
**LAeq** 45.6 dB  
**LALeq - LAeq** 2.4 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	45.6					
LS(max)	52.8	2019/10/22 10:04:15				
LS(min)	41.4	2019/10/22 9:54:12				
LPeak(max)	79.9	2019/10/22 10:03:09				

### Summary

**File Name on Meter** R14  
**File Name on PC** SLM\_0004983\_LxT\_Data\_043.02.lbin  
**Serial Number** 0004983  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 10:17:08  
**Stop** 2019-10-22 10:32:08  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:24:17  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 144.7 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
<b>Under Range Peak</b>	<b>101.0</b>	98.0	103.0 dB
<b>Under Range Limit</b>	<b>50.0</b>	48.0	56.0 dB
<b>Noise Floor</b>	36.8	37.4	45.1 dB

### Results

**LASeq** 56.9 dB  
**LASE** 86.5 dB  
**EAS** 49.438  $\mu\text{Pa}^2\text{h}$   
**EAS8** 1.582  $\text{mPa}^2\text{h}$   
**EAS40** 7.910  $\text{mPa}^2\text{h}$   
**LApeak (max)** 2019-10-22 10:25:42 85.9 dB  
**LASmax** 2019-10-22 10:17:11 67.0 dB  
**LASmin** 2019-10-22 10:23:12 52.4 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 71.1 dB  
**LASeq** 56.9 dB  
**LCSeq - LASeq** 14.1 dB  
**LAleq** 58.1 dB  
**LAeq** 56.9 dB  
**LAlaq - LAeq** 1.1 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	56.9					
LS(max)	67.0	2019/10/22 10:17:11				
LS(min)	52.4	2019/10/22 10:23:12				
LPeak(max)	85.9	2019/10/22 10:25:42				

### Summary

**File Name on Meter** R15  
**File Name on PC** SLM\_0004983\_LxT\_Data\_047.02.lbin  
**Serial Number** 0004983  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 12:19:26  
**Stop** 2019-10-22 12:34:26  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:24:17  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 144.7 dB  
  

	A	C	Z
<b>Under Range Peak</b>	<b>101.0</b>	98.0	103.0 dB
<b>Under Range Limit</b>	<b>50.0</b>	48.0	56.0 dB
<b>Noise Floor</b>	36.8	37.4	45.1 dB

### Results

**LASeq** 61.9 dB  
**LASE** 91.4 dB  
**EAS** 154.473  $\mu\text{Pa}^2\text{h}$   
**EAS8** 4.943  $\text{mPa}^2\text{h}$   
**EAS40** 24.716  $\text{mPa}^2\text{h}$   
**LApeak (max)** 2019-10-22 12:20:13 101.3 dB  
**LASmax** 2019-10-22 12:21:59 74.9 dB  
**LASmin** 2019-10-22 12:34:09 42.8 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 69.2 dB  
**LASeq** 61.9 dB  
**LCSeq - LASeq** 7.3 dB  
**LALeq** 64.0 dB  
**LAeq** 61.9 dB  
**LALeq - LAeq** 2.2 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	61.9					
LS(max)	74.9	2019/10/22 12:21:59				
LS(min)	42.8	2019/10/22 12:34:09				
LPeak(max)	101.3	2019/10/22 12:20:13				

### Summary

**File Name on Meter** R16  
**File Name on PC** SLM\_0004983\_LxT\_Data\_040.02.lbin  
**Serial Number** 0004983  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 08:56:10  
**Stop** 2019-10-22 09:11:10  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:24:17  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 144.7 dB  
  

	A	C	Z
<b>Under Range Peak</b>	<b>101.0</b>	98.0	103.0 dB
<b>Under Range Limit</b>	<b>50.0</b>	48.0	56.0 dB
<b>Noise Floor</b>	36.8	37.4	45.1 dB

### Results

**LASeq** 49.9 dB  
**LASE** 79.4 dB  
**EAS** 9.700  $\mu\text{Pa}^2\text{h}$   
**EAS8** 310.408  $\mu\text{Pa}^2\text{h}$   
**EAS40** 1.552  $\text{mPa}^2\text{h}$   
**LApeak (max)** 2019-10-22 09:02:44 81.0 dB  
**LASmax** 2019-10-22 09:02:25 60.3 dB  
**LASmin** 2019-10-22 09:03:46 44.4 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 63.1 dB  
**LASeq** 49.9 dB  
**LCSeq - LASeq** 13.2 dB  
**LALeq** 52.6 dB  
**LAeq** 49.9 dB  
**LALeq - LAeq** 2.7 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	49.9					
LS(max)	60.3	2019/10/22 9:02:25				
LS(min)	44.4	2019/10/22 9:03:46				
LPeak(max)	81.0	2019/10/22 9:02:44				



### Summary

**File Name on Meter** R17  
**File Name on PC** SLM\_0004161\_LxT\_Data\_117.00.lbin  
**Serial Number** 0004161  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 08:56:24  
**Stop** 2019-10-22 09:11:24  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:12:15  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 146.5 dB  
  

	A	C	Z
<b>Under Range Peak</b>	<b>102.7</b>	99.7	104.7 dB
<b>Under Range Limit</b>	<b>51.7</b>	49.7	57.7 dB
<b>Noise Floor</b>	38.5	39.2	46.8 dB

### Results

**LASeq** 60.4 dB  
**LASE** 89.9 dB  
**EAS** 109.400  $\mu\text{Pa}^2\text{h}$   
**EAS8** 3.501  $\text{mPa}^2\text{h}$   
**EAS40** 17.504  $\text{mPa}^2\text{h}$   
**LApeak (max)** 2019-10-22 08:59:23 87.3 dB  
**LASmax** 2019-10-22 08:59:24 74.9 dB  
**LASmin** 2019-10-22 09:05:05 45.9 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 72.2 dB  
**LASeq** 60.4 dB  
**LCSeq - LASeq** 11.8 dB  
**LALeq** 61.8 dB  
**LAeq** 60.4 dB  
**LALeq - LAeq** 1.5 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	60.4					
LS(max)	74.9	2019/10/22 8:59:24				
LS(min)	45.9	2019/10/22 9:05:05				
LPeak(max)	87.3	2019/10/22 8:59:23				

### Summary

**File Name on Meter** R18  
**File Name on PC** SLM\_0004161\_LxT\_Data\_120.00.ldbin  
**Serial Number** 0004161  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 10:05:27  
**Stop** 2019-10-22 10:20:27  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:12:14  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 146.5 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
<b>Under Range Peak</b>	<b>102.7</b>	99.7	104.7 dB
<b>Under Range Limit</b>	<b>51.7</b>	49.7	57.7 dB
<b>Noise Floor</b>	38.5	39.2	46.8 dB

### Results

**LASeq** 61.1 dB  
**LASE** 90.7 dB  
**EAS** 130.157  $\mu\text{Pa}^2\text{h}$   
**EAS8** 4.165  $\text{mPa}^2\text{h}$   
**EAS40** 20.825  $\text{mPa}^2\text{h}$   
**LApeak (max)** 2019-10-22 10:11:49 89.6 dB  
**LASmax** 2019-10-22 10:11:50 71.7 dB  
**LASmin** 2019-10-22 10:10:48 58.5 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 70.7 dB  
**LASeq** 61.1 dB  
**LCSeq - LASeq** 9.5 dB  
**LAleq** 62.0 dB  
**LAeq** 61.1 dB  
**LAleq - LAeq** 0.9 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	61.1					
LS(max)	71.7	2019/10/22 10:11:50				
LS(min)	58.5	2019/10/22 10:10:48				
LPeak(max)	89.6	2019/10/22 10:11:49				

### Summary

**File Name on Meter** R19  
**File Name on PC** SLM\_0004983\_LxT\_Data\_046.01.ldbin  
**Serial Number** 0004983  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 11:51:28  
**Stop** 2019-10-22 12:06:28  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:24:17  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 144.7 dB  
  

	A	C	Z
<b>Under Range Peak</b>	<b>101.0</b>	98.0	103.0 dB
<b>Under Range Limit</b>	<b>50.0</b>	48.0	56.0 dB
<b>Noise Floor</b>	36.8	37.4	45.1 dB

### Results

**LASeq** 55.8 dB  
**LASE** 85.3 dB  
**EAS** 38.066  $\mu\text{Pa}^2\text{h}$   
**EAS8** 1.218  $\text{mPa}^2\text{h}$   
**EAS40** 6.091  $\text{mPa}^2\text{h}$   
**LApeak (max)** 2019-10-22 11:59:49 97.5 dB  
**LASmax** 2019-10-22 11:59:50 78.3 dB  
**LASmin** 2019-10-22 11:54:00 39.5 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 66.6 dB  
**LASeq** 55.8 dB  
**LCSeq - LASeq** 10.8 dB  
**LALeq** 59.3 dB  
**LAeq** 55.8 dB  
**LALeq - LAeq** 3.5 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	55.8					
LS(max)	78.3	2019/10/22 11:59:50				
LS(min)	39.5	2019/10/22 11:54:00				
LPeak(max)	97.5	2019/10/22 11:59:49				

### Summary

**File Name on Meter** R20  
**File Name on PC** SLM\_0004161\_LxT\_Data\_121.00.lbin  
**Serial Number** 0004161  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 10:34:09  
**Stop** 2019-10-22 10:49:09  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:12:14  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 146.5 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
<b>Under Range Peak</b>	<b>102.7</b>	99.7	104.7 dB
<b>Under Range Limit</b>	<b>51.7</b>	49.7	57.7 dB
<b>Noise Floor</b>	38.5	39.2	46.8 dB

### Results

**LASeq** 59.8 dB  
**LASE** 89.4 dB  
**EAS** 96.197  $\mu\text{Pa}^2\text{h}$   
**EAS8** 3.078  $\text{mPa}^2\text{h}$   
**EAS40** 15.392  $\text{mPa}^2\text{h}$   
**LApeak (max)** 2019-10-22 10:48:45 91.1 dB  
**LASmax** 2019-10-22 10:36:24 71.6 dB  
**LASmin** 2019-10-22 10:48:28 46.3 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 69.3 dB  
**LASeq** 59.8 dB  
**LCSeq - LASeq** 9.5 dB  
**LAlEq** 61.8 dB  
**LAeq** 59.8 dB  
**LAlEq - LAeq** 2.0 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	59.8					
LS(max)	71.6	2019/10/22 10:36:24				
LS(min)	46.3	2019/10/22 10:48:28				
LPeak(max)	91.1	2019/10/22 10:48:45				

**Summary**

File Name on Meter R21  
 File Name on PC SLM\_0005055\_LxT\_Data\_047.02.ldbin  
 Serial Number 0005055  
 Model SoundTrack LxT®  
 Firmware Version 2.302  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2019-10-22 09:09:40  
 Stop 2019-10-22 09:24:40  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
 Pre Calibration 2019-10-22 08:47:31  
 Post Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamp PRMLxT2B  
 Microphone Correction Off  
 Integration Method Exponential  
 OBA Range Low  
 OBA Bandwidth None  
 OBA Freq. Weighting Z Weighting  
 OBA Max Spectrum Bin Max  
 Overload 144.6 dB  
     **A**                      **C**      **Z**  
 Under Range Peak **100.8**                      97.8    102.8 dB  
 Under Range Limit **49.8**                      47.8    55.8 dB  
 Noise Floor 36.7                                  37.3    44.9 dB

**Results**

LAseq 58.5 dB  
 LASE 88.1 dB  
 EAS 70.945 µPa²h  
 EAS8 2.270 mPa²h  
 EAS40 11.351 mPa²h  
 LApeak (max) 2019-10-22 09:17:40 89.6 dB  
 LASmax 2019-10-22 09:21:34 71.8 dB  
 LASmin 2019-10-22 09:15:07 51.3 dB  
 SEA -99.9 dB

LAS > 85.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LAS > 115.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 135.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 137.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 140.0 dB (Exceedance Counts / Duration) 0 0.0 s

LCSeq 69.7 dB  
 LASeq 58.5 dB  
 LCSeq - LASeq 11.2 dB  
 LAleq 59.6 dB  
 LAeq 58.5 dB  
 LAleq - LAeq 1.1 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	58.5					
LS(max)	71.8	2019/10/22 9:21:34				
LS(min)	51.3	2019/10/22 9:15:07				
LPeak(max)	89.6	2019/10/22 9:17:40				

### Summary

**File Name on Meter** R22  
**File Name on PC** SLM\_0004161\_LxT\_Data\_118.00.lbin  
**Serial Number** 0004161  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 09:18:25  
**Stop** 2019-10-22 09:33:25  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:12:14  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 146.5 dB  
  

	A	C	Z
<b>Under Range Peak</b>	<b>102.7</b>	99.7	104.7 dB
<b>Under Range Limit</b>	<b>51.7</b>	49.7	57.7 dB
<b>Noise Floor</b>	38.5	39.2	46.8 dB

### Results

**LASeq** 65.1 dB  
**LASE** 94.6 dB  
**EAS** 322.994  $\mu\text{Pa}^2\text{h}$   
**EAS8** 10.336  $\text{mPa}^2\text{h}$   
**EAS40** 51.679  $\text{mPa}^2\text{h}$   
**LApeak (max)** 2019-10-22 09:20:27 101.3 dB  
**LASmax** 2019-10-22 09:20:28 87.7 dB  
**LASmin** 2019-10-22 09:19:55 48.8 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 1 2.2 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 74.7 dB  
**LASeq** 65.1 dB  
**LCSeq - LASeq** 9.6 dB  
**LALeq** 67.4 dB  
**LAeq** 65.1 dB  
**LALeq - LAeq** 2.3 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	65.1					
LS(max)	87.7	2019/10/22 9:20:28				
LS(min)	48.8	2019/10/22 9:19:55				
LPeak(max)	101.3	2019/10/22 9:20:27				

Noise Measurement Data

Project: **Culver City GPU** Location: **R23**

		10/21/19	10/22/19	10/23/19	10/24/19	Start Date and Time	
12:00:00 AM			44.6			10/21/2019	9:00:00 AM
1:00:00 AM			49.6			10/22/2019	10:00:00 AM
2:00:00 AM			50.0			10/23/2019	11:00:00 AM
3:00:00 AM			51.1			10/24/2019	12:00:00 PM
4:00:00 AM			54.1				1:00:00 PM
5:00:00 AM			53.9				2:00:00 PM
6:00:00 AM			64.3				3:00:00 PM
7:00:00 AM			60.9				
8:00:00 AM			55.0				
9:00:00 AM			52.8				
10:00:00 AM			51.7				
11:00:00 AM			51.9				
12:00:00 PM	56.4						
1:00:00 PM	52.9						
2:00:00 PM	53.3						
3:00:00 PM	53.6						
4:00:00 PM	52.2						
5:00:00 PM	50.6						
6:00:00 PM	48.9						
7:00:00 PM	46.6						
8:00:00 PM	46.2						
9:00:00 PM	48.2						
10:00:00 PM	44.1						
11:00:00 PM	43.6						

<b>CNEL</b>	<b>62.2</b>
L <sub>dn</sub>	62.2
24-hr Max.	64.3
24-hr Min.	43.6
24-hr Nighttime Average <sup>a</sup>	56.0
24-hr Nighttime Max	64.3
24-hr Nighttime Min	43.6
24-hr Daytime Average <sup>a</sup>	53.8
24-hr Daytime Max	60.9
24-hr Daytime Min	46.2
Total Period Average	54.8
Total Period Max	64.3
Total Period Min	43.6
Total Period Daytime Average	53.8
Total Period Daytime Max	60.9
Total Period Daytime Min	48.9
Total Period Nighttime Average	56.0
Total Period Nighttime Max	64.3
Total Period Nighttime Min	43.6

<sup>a</sup> Daytime hours are from 7:00 a.m. to 10:00 p.m., and nighttime hours are from 10:00 p.m. to 7:00 a.m.

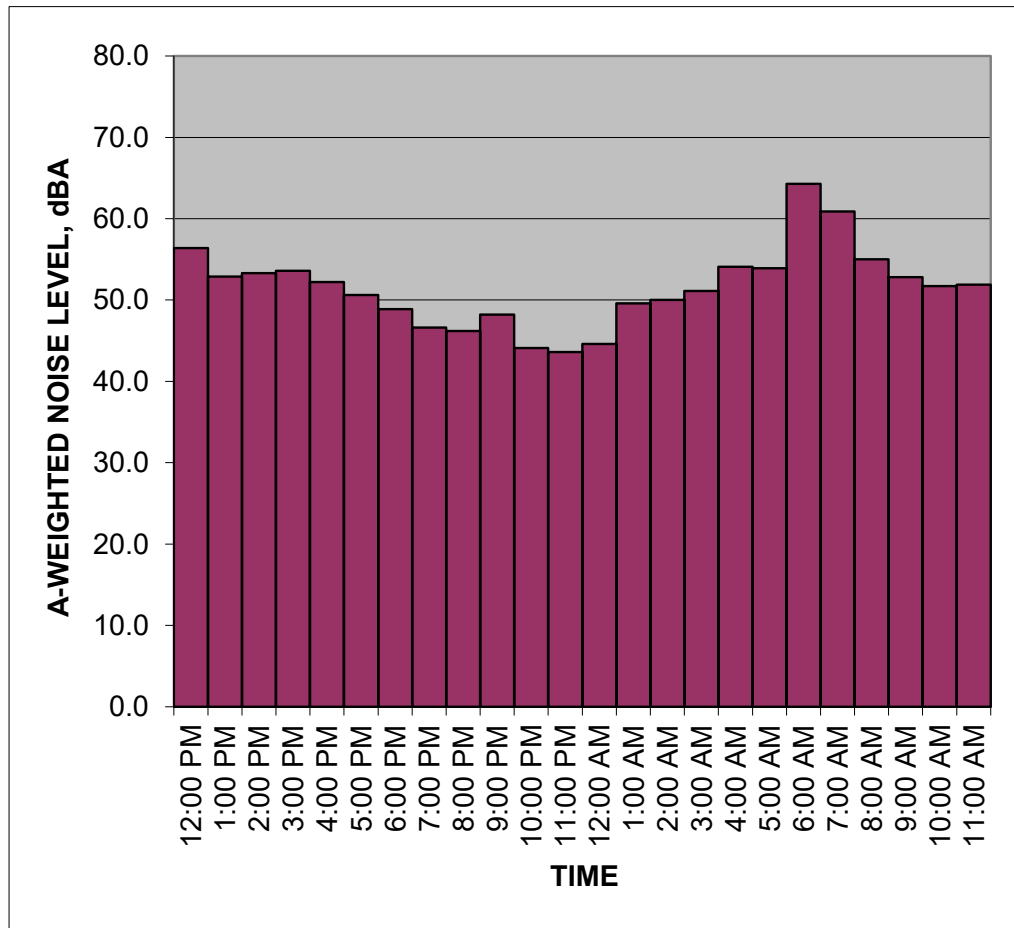
# Measured Ambient Noise Levels



Project: Culver City GPU  
 Location: R23  
 Sources: Ambient

Date: October 21-22, 2019

TIME	HNL, dB(A)
12:00 PM	56.4
1:00 PM	52.9
2:00 PM	53.3
3:00 PM	53.6
4:00 PM	52.2
5:00 PM	50.6
6:00 PM	48.9
7:00 PM	46.6
8:00 PM	46.2
9:00 PM	48.2
10:00 PM	44.1
11:00 PM	43.6
12:00 AM	44.6
1:00 AM	49.6
2:00 AM	50.0
3:00 AM	51.1
4:00 AM	54.1
5:00 AM	53.9
6:00 AM	64.3
7:00 AM	60.9
8:00 AM	55.0
9:00 AM	52.8
10:00 AM	51.7
11:00 AM	51.9
<b>CNEL, dB(A):</b>	<b>62.2</b>



**NOTES:**



Noise Measurement Data

Project: **Culver City GPU** Location: **R24**

		10/23/19	10/24/19	10/25/19	10/26/19	Start Date and Time	
12:00:00 AM			59.8			10/23/2019	7:00:00 AM
1:00:00 AM			56.9			10/24/2019	8:00:00 AM
2:00:00 AM			56.9			10/25/2019	9:00:00 AM
3:00:00 AM			57.5			10/26/2019	10:00:00 AM
4:00:00 AM			61.3				11:00:00 AM
5:00:00 AM			64.1				12:00:00 PM
6:00:00 AM			60.8				1:00:00 PM
7:00:00 AM			61.5				
8:00:00 AM			60.8				
9:00:00 AM			58.8				
10:00:00 AM			56.7				
11:00:00 AM			58.0				
12:00:00 PM	61.3	58.4					
1:00:00 PM	60.1						
2:00:00 PM	59.6						
3:00:00 PM	59.5						
4:00:00 PM	60.9						
5:00:00 PM	61.1						
6:00:00 PM	60.2						
7:00:00 PM	58.0						
8:00:00 PM	59.3						
9:00:00 PM	60.1						
10:00:00 PM	60.8						
11:00:00 PM	59.9						

<b>CNEL</b>	<b>66.9</b>
L <sub>dn</sub>	66.7
24-hr Max.	64.1
24-hr Min.	56.7
24-hr Nighttime Average <sup>a</sup>	60.4
24-hr Nighttime Max	64.1
24-hr Nighttime Min	56.9
24-hr Daytime Average <sup>a</sup>	59.9
24-hr Daytime Max	61.5
24-hr Daytime Min	56.7
Total Period Average	60.0
Total Period Max	64.1
Total Period Min	56.7
Total Period Daytime Average	59.8
Total Period Daytime Max	61.5
Total Period Daytime Min	56.7
Total Period Nighttime Average	60.4
Total Period Nighttime Max	64.1
Total Period Nighttime Min	56.9

<sup>a</sup> Daytime hours are from 7:00 a.m. to 10:00 p.m., and nighttime hours are from 10:00 p.m. to 7:00 a.m.

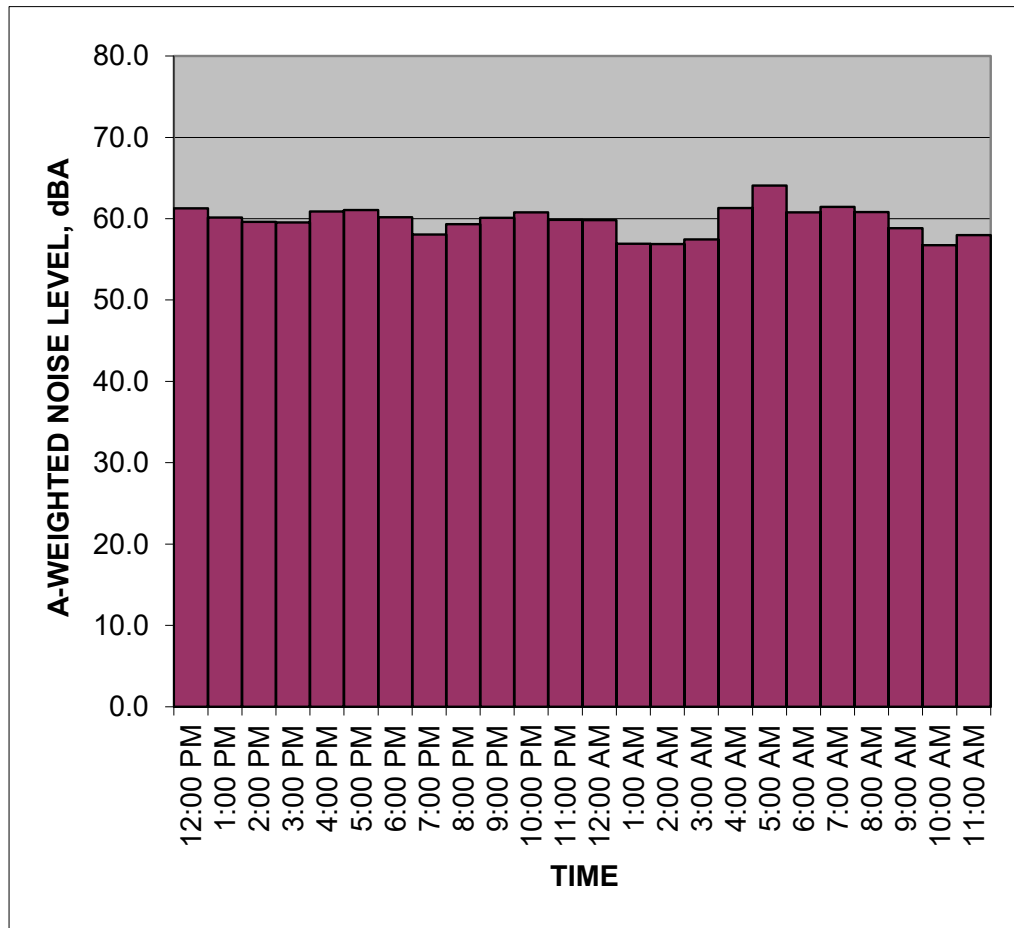
# Measured Ambient Noise Levels



Project: Culver City GPU  
 Location: R24  
 Sources: Ambient

Date: October 23-24, 2019

TIME	HNL, dB(A)
12:00 PM	61.3
1:00 PM	60.1
2:00 PM	59.6
3:00 PM	59.5
4:00 PM	60.9
5:00 PM	61.1
6:00 PM	60.2
7:00 PM	58.0
8:00 PM	59.3
9:00 PM	60.1
10:00 PM	60.8
11:00 PM	59.9
12:00 AM	59.8
1:00 AM	56.9
2:00 AM	56.9
3:00 AM	57.5
4:00 AM	61.3
5:00 AM	64.1
6:00 AM	60.8
7:00 AM	61.5
8:00 AM	60.8
9:00 AM	58.8
10:00 AM	56.7
11:00 AM	58.0
<b>CNEL, dB(A):</b>	<b>66.9</b>



**NOTES:**

Noise Measurement Data

Project: **Culver City GPU** Location: **R25**

		10/21/19	10/22/19	10/23/19	10/24/19	Start Date and Time	
12:00:00 AM			50.0			10/21/2019	9:00:00 AM
1:00:00 AM			47.0			10/22/2019	10:00:00 AM
2:00:00 AM			47.9			10/23/2019	11:00:00 AM
3:00:00 AM			48.9			10/24/2019	12:00:00 PM
4:00:00 AM			52.4				1:00:00 PM
5:00:00 AM			55.4				2:00:00 PM
6:00:00 AM			57.9				3:00:00 PM
7:00:00 AM			63.0				
8:00:00 AM			59.2				
9:00:00 AM			57.4				
10:00:00 AM			56.5				
11:00:00 AM			62.1				
12:00:00 PM			68.1				
1:00:00 PM			56.1				
2:00:00 PM			58.0				
3:00:00 PM	57.7						
4:00:00 PM	59.6						
5:00:00 PM	56.6						
6:00:00 PM	57.5						
7:00:00 PM	55.0						
8:00:00 PM	53.8						
9:00:00 PM	52.8						
10:00:00 PM	50.8						
11:00:00 PM	50.2						

<b>CNEL</b>	<b>61.6</b>
L <sub>dn</sub>	61.3
24-hr Max.	68.1
24-hr Min.	47.0
24-hr Nighttime Average <sup>a</sup>	52.6
24-hr Nighttime Max	57.9
24-hr Nighttime Min	47.0
24-hr Daytime Average <sup>a</sup>	60.3
24-hr Daytime Max	68.1
24-hr Daytime Min	52.8
Total Period Average	58.7
Total Period Max	68.1
Total Period Min	47.0
Total Period Daytime Average	60.3
Total Period Daytime Max	68.1
Total Period Daytime Min	56.1
Total Period Nighttime Average	52.6
Total Period Nighttime Max	57.9
Total Period Nighttime Min	47.0

<sup>a</sup> Daytime hours are from 7:00 a.m. to 10:00 p.m., and nighttime hours are from 10:00 p.m. to 7:00 a.m.

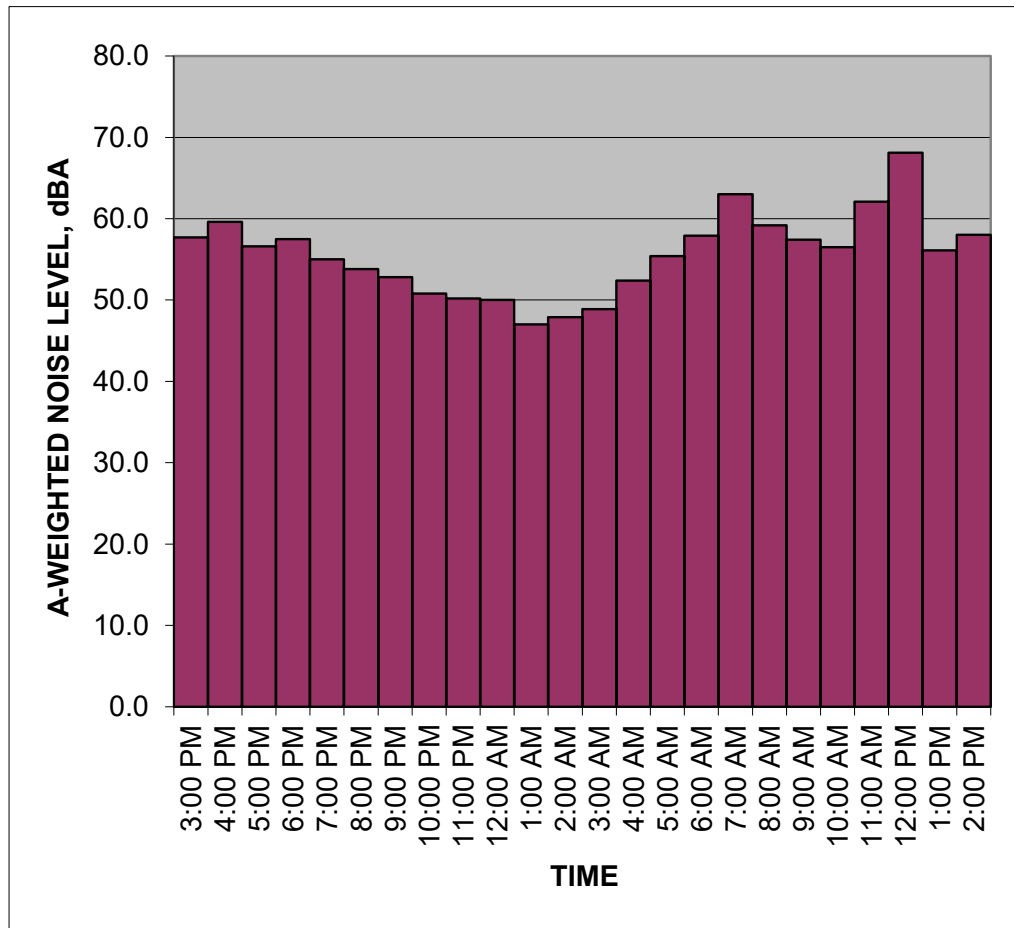
# Measured Ambient Noise Levels



Project: Culver City GPU  
 Location: R25  
 Sources: Ambient

Date: October 21-22, 2019

TIME	HNL, dB(A)
3:00 PM	57.7
4:00 PM	59.6
5:00 PM	56.6
6:00 PM	57.5
7:00 PM	55.0
8:00 PM	53.8
9:00 PM	52.8
10:00 PM	50.8
11:00 PM	50.2
12:00 AM	50.0
1:00 AM	47.0
2:00 AM	47.9
3:00 AM	48.9
4:00 AM	52.4
5:00 AM	55.4
6:00 AM	57.9
7:00 AM	63.0
8:00 AM	59.2
9:00 AM	57.4
10:00 AM	56.5
11:00 AM	62.1
12:00 PM	68.1
1:00 PM	56.1
2:00 PM	58.0
<b>CNEL, dB(A):</b>	<b>61.6</b>



**NOTES:**

Noise Measurement Data

Project: **Culver City GPU** Location: **R26**

**10/21/19** 10/22/19 10/23/19 10/24/19

**Start Date and Time**

12:00:00 AM		49.7
1:00:00 AM		46.0
2:00:00 AM		43.2
3:00:00 AM		46.7
4:00:00 AM		49.5
5:00:00 AM		53.9
6:00:00 AM		65.5
7:00:00 AM		60.3
8:00:00 AM		67.0
9:00:00 AM		55.6
10:00:00 AM		57.3
11:00:00 AM		60.1
12:00:00 PM		57.5
1:00:00 PM	69.3	
2:00:00 PM	61.8	
3:00:00 PM	63.7	
4:00:00 PM	63.4	
5:00:00 PM	56.9	
6:00:00 PM	59.2	
7:00:00 PM	55.2	
8:00:00 PM	55.2	
9:00:00 PM	54.2	
10:00:00 PM	51.2	
11:00:00 PM	48.8	

10/21/2019	7:00:00 AM	Start
10/22/2019	8:00:00 AM	10/21/19 1:00 PM
10/23/2019	9:00:00 AM	End
10/24/2019	10:00:00 AM	10/22/19 1:00 PM
	11:00:00 AM	
	12:00:00 PM	
	1:00:00 PM	

<b>CNEL</b>	<b>64.7</b>
L <sub>dn</sub>	64.5
24-hr Max.	69.3
24-hr Min.	43.2
24-hr Nighttime Average <sup>a</sup>	56.8
24-hr Nighttime Max	65.5
24-hr Nighttime Min	43.2
24-hr Daytime Average <sup>a</sup>	62.3
24-hr Daytime Max	69.3
24-hr Daytime Min	54.2
Total Period Average	60.9
Total Period Max	69.3
Total Period Min	43.2
Total Period Daytime Average	62.3
Total Period Daytime Max	69.3
Total Period Daytime Min	55.6
Total Period Nighttime Average	56.8
Total Period Nighttime Max	65.5
Total Period Nighttime Min	43.2

<sup>a</sup> Daytime hours are from 7:00 a.m. to 10:00 p.m., and nighttime hours are from 10:00 p.m. to 7:00 a.m.

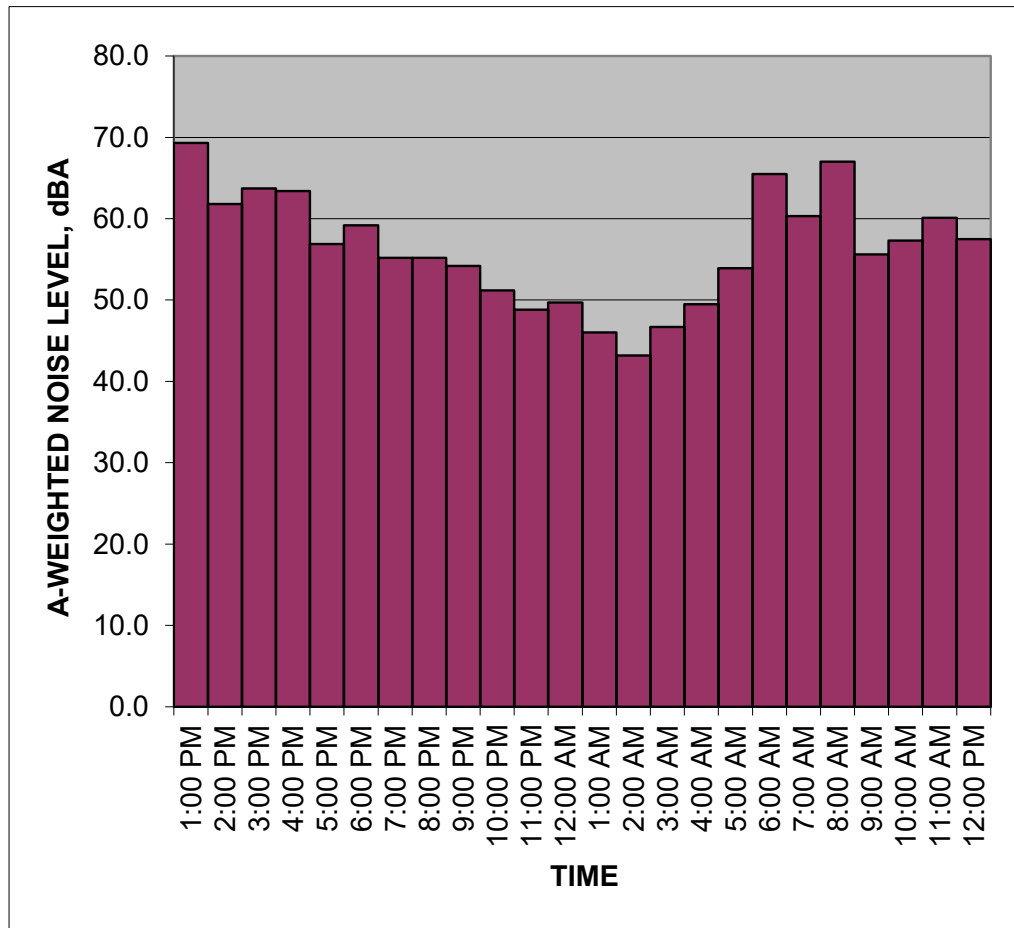
# Measured Ambient Noise Levels



Project: Culver City GPU  
 Location: R26  
 Sources: Ambient

Date: October 21-22, 2019

TIME	HNL, dB(A)
1:00 PM	69.3
2:00 PM	61.8
3:00 PM	63.7
4:00 PM	63.4
5:00 PM	56.9
6:00 PM	59.2
7:00 PM	55.2
8:00 PM	55.2
9:00 PM	54.2
10:00 PM	51.2
11:00 PM	48.8
12:00 AM	49.7
1:00 AM	46.0
2:00 AM	43.2
3:00 AM	46.7
4:00 AM	49.5
5:00 AM	53.9
6:00 AM	65.5
7:00 AM	60.3
8:00 AM	67.0
9:00 AM	55.6
10:00 AM	57.3
11:00 AM	60.1
12:00 PM	57.5
<b>CNEL, dB(A):</b>	<b>64.7</b>



NOTES:

Noise Measurement Data

Project: **Culver City GPU** Location: **R27**

		10/23/19	10/24/19	10/25/19	10/26/19	Start Date and Time	
12:00:00 AM			54.6			10/23/2019	9:00:00 AM
1:00:00 AM			52.5			10/24/2019	10:00:00 AM
2:00:00 AM			49.7			10/25/2019	11:00:00 AM
3:00:00 AM			51.5			10/26/2019	12:00:00 PM
4:00:00 AM			57.4				1:00:00 PM
5:00:00 AM			58.0				2:00:00 PM
6:00:00 AM			61.3				3:00:00 PM
7:00:00 AM			60.0				
8:00:00 AM			57.6				
9:00:00 AM			58.1				
10:00:00 AM			55.9				
11:00:00 AM			55.3				
12:00:00 PM	56.5						
1:00:00 PM	60.8						
2:00:00 PM	61.7						
3:00:00 PM	59.1						
4:00:00 PM	58.9						
5:00:00 PM	58.6						
6:00:00 PM	58.5						
7:00:00 PM	57.7						
8:00:00 PM	56.5						
9:00:00 PM	56.6						
10:00:00 PM	56.3						
11:00:00 PM	56.5						

<b>CNEL</b>	<b>63.6</b>
L <sub>dn</sub>	63.3
24-hr Max.	61.7
24-hr Min.	49.7
24-hr Nighttime Average <sup>a</sup>	56.6
24-hr Nighttime Max	61.3
24-hr Nighttime Min	49.7
24-hr Daytime Average <sup>a</sup>	58.5
24-hr Daytime Max	61.7
24-hr Daytime Min	55.3
Total Period Average	57.9
Total Period Max	61.7
Total Period Min	49.7
Total Period Daytime Average	58.5
Total Period Daytime Max	61.7
Total Period Daytime Min	55.3
Total Period Nighttime Average	56.6
Total Period Nighttime Max	61.3
Total Period Nighttime Min	49.7

<sup>a</sup> Daytime hours are from 7:00 a.m. to 10:00 p.m., and nighttime hours are from 10:00 p.m. to 7:00 a.m.

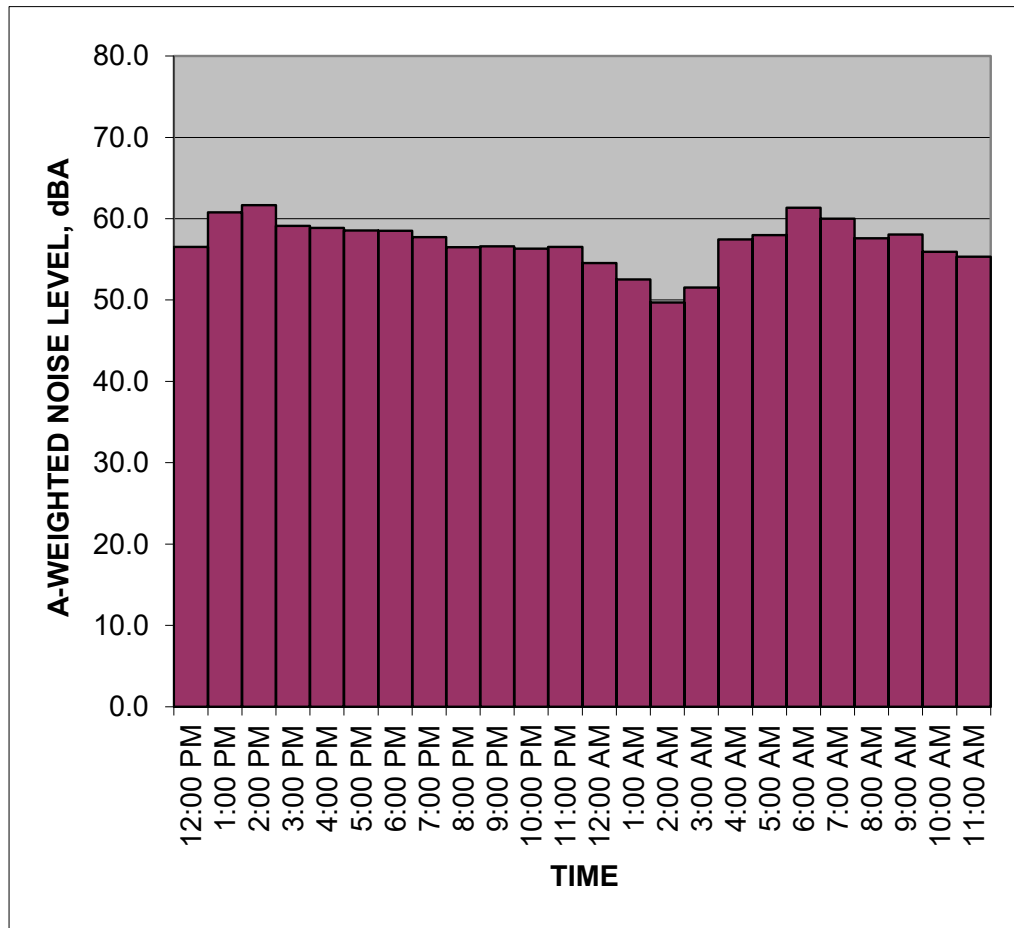
# Measured Ambient Noise Levels



Project: Culver City GPU  
 Location: R27  
 Sources: Ambient

Date: October 23-24, 2019

TIME	HNL, dB(A)
12:00 PM	56.5
1:00 PM	60.8
2:00 PM	61.7
3:00 PM	59.1
4:00 PM	58.9
5:00 PM	58.6
6:00 PM	58.5
7:00 PM	57.7
8:00 PM	56.5
9:00 PM	56.6
10:00 PM	56.3
11:00 PM	56.5
12:00 AM	54.6
1:00 AM	52.5
2:00 AM	49.7
3:00 AM	51.5
4:00 AM	57.4
5:00 AM	58.0
6:00 AM	61.3
7:00 AM	60.0
8:00 AM	57.6
9:00 AM	58.1
10:00 AM	55.9
11:00 AM	55.3
<b>CNEL, dB(A):</b>	<b>63.6</b>



**NOTES:**



Noise Measurement Data

Project: **Culver City GPU** Location: **R28**

		10/22/19	10/23/19	10/24/19	10/25/19	Start Date and Time	
12:00:00 AM		52.4				10/22/2019	9:00:00 AM
1:00:00 AM		50.7				10/23/2019	10:00:00 AM
2:00:00 AM		50.4				10/24/2019	11:00:00 AM
3:00:00 AM		51.5				10/25/2019	12:00:00 PM
4:00:00 AM		55.2					1:00:00 PM
5:00:00 AM		57.9					2:00:00 PM
6:00:00 AM		65.0					3:00:00 PM
7:00:00 AM		59.1					
8:00:00 AM		59.8					
9:00:00 AM		58.5					
10:00:00 AM		58.1					
11:00:00 AM		58.1					
12:00:00 PM		57.5					
1:00:00 PM		58.9					
2:00:00 PM		58.5					
3:00:00 PM	63.3						
4:00:00 PM	61.9						
5:00:00 PM	62.1						
6:00:00 PM	60.2						
7:00:00 PM	58.1						
8:00:00 PM	58.4						
9:00:00 PM	55.7						
10:00:00 PM	55.2						
11:00:00 PM	54.2						

<b>CNEL</b>	<b>64.7</b>
L <sub>dn</sub>	64.4
24-hr Max.	65.0
24-hr Min.	50.4
24-hr Nighttime Average <sup>a</sup>	57.7
24-hr Nighttime Max	65.0
24-hr Nighttime Min	50.4
24-hr Daytime Average <sup>a</sup>	59.7
24-hr Daytime Max	63.3
24-hr Daytime Min	55.7
Total Period Average	59.0
Total Period Max	65.0
Total Period Min	50.4
Total Period Daytime Average	59.7
Total Period Daytime Max	63.3
Total Period Daytime Min	57.5
Total Period Nighttime Average	57.7
Total Period Nighttime Max	65.0
Total Period Nighttime Min	50.4

<sup>a</sup> Daytime hours are from 7:00 a.m. to 10:00 p.m., and nighttime hours are from 10:00 p.m. to 7:00 a.m.

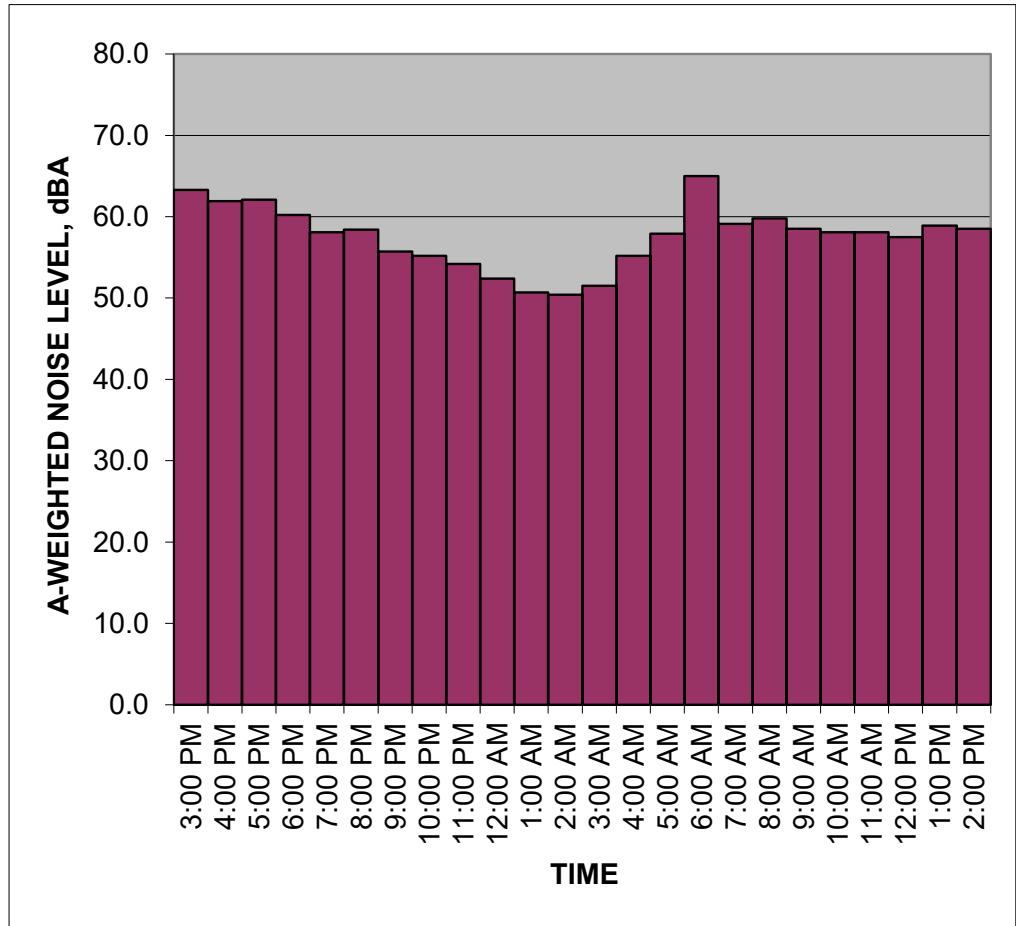
# Measured Ambient Noise Levels



Project: Culver City GPU  
 Location: R28  
 Sources: Ambient

Date: October 22-23, 2019

TIME	HNL, dB(A)
3:00 PM	63.3
4:00 PM	61.9
5:00 PM	62.1
6:00 PM	60.2
7:00 PM	58.1
8:00 PM	58.4
9:00 PM	55.7
10:00 PM	55.2
11:00 PM	54.2
12:00 AM	52.4
1:00 AM	50.7
2:00 AM	50.4
3:00 AM	51.5
4:00 AM	55.2
5:00 AM	57.9
6:00 AM	65.0
7:00 AM	59.1
8:00 AM	59.8
9:00 AM	58.5
10:00 AM	58.1
11:00 AM	58.1
12:00 PM	57.5
1:00 PM	58.9
2:00 PM	58.5
<b>CNEL, dB(A):</b>	<b>64.7</b>



**NOTES:**

### Summary

**File Name on Meter** R29  
**File Name on PC** SLM\_0004983\_LxT\_Data\_045.01.ldbin  
**Serial Number** 0004983  
**Model** SoundTrack LxT®  
**Firmware Version** 2.302  
**User**  
**Location**  
**Job Description**  
**Note**

### Measurement

**Description**  
**Start** 2019-10-22 11:24:00  
**Stop** 2019-10-22 11:39:00  
**Duration** 00:15:00.0  
**Run Time** 00:15:00.0  
**Pause** 00:00:00.0  
  
**Pre Calibration** 2019-10-22 08:24:17  
**Post Calibration** None  
**Calibration Deviation** ---

### Overall Settings

**RMS Weight** A Weighting  
**Peak Weight** A Weighting  
**Detector** Slow  
**Preamp** PRMLxT1  
**Microphone Correction** Off  
**Integration Method** Exponential  
**Overload** 144.7 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
<b>Under Range Peak</b>	<b>101.0</b>	98.0	103.0 dB
<b>Under Range Limit</b>	<b>50.0</b>	48.0	56.0 dB
<b>Noise Floor</b>	36.8	37.4	45.1 dB

### Results

**LASeq** 70.2 dB  
**LASE** 99.7 dB  
**EAS** 1.040 mPa<sup>2</sup>h  
**EAS8** 33.280 mPa<sup>2</sup>h  
**EAS40** 166.399 mPa<sup>2</sup>h  
**LApeak (max)** 2019-10-22 11:28:01 99.7 dB  
**LASmax** 2019-10-22 11:28:01 86.2 dB  
**LASmin** 2019-10-22 11:33:26 52.7 dB  
**SEA** -99.9 dB

**LAS > 85.0 dB (Exceedance Counts / Duration)** 1 1.6 s  
**LAS > 115.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 135.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 137.0 dB (Exceedance Counts / Duration)** 0 0.0 s  
**LApeak > 140.0 dB (Exceedance Counts / Duration)** 0 0.0 s

**LCSeq** 77.3 dB  
**LASeq** 70.2 dB  
**LCSeq - LASeq** 7.2 dB  
**LAlEq** 72.1 dB  
**LAeq** 70.2 dB  
**LAlEq - LAeq** 1.9 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	70.2					
LS(max)	86.2	2019/10/22 11:28:01				
LS(min)	52.7	2019/10/22 11:33:26				
LPeak(max)	99.7	2019/10/22 11:28:01				

Summary

File Name on Meter R30  
 File Name on PC SLM\_0005055\_LxT\_Data\_049.02.ldbin  
 Serial Number 0005055  
 Model SoundTrack LxT®  
 Firmware Version 2.302  
 User  
 Location  
 Job Description  
 Note

Measurement

Description  
 Start 2019-10-22 09:56:40  
 Stop 2019-10-22 10:11:40  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
  
 Pre Calibration 2019-10-22 08:47:31  
 Post Calibration None  
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamp PRMLxT2B  
 Microphone Correction Off  
 Integration Method Exponential  
 OBA Range Low  
 OBA Bandwidth None  
 OBA Freq. Weighting Z Weighting  
 OBA Max Spectrum Bin Max  
 Overload 144.6 dB  
  

	<b>A</b>	<b>C</b>	<b>Z</b>
Under Range Peak	<b>100.8</b>	97.8	102.8 dB
Under Range Limit	<b>49.8</b>	47.8	55.8 dB
Noise Floor	36.7	37.3	44.9 dB

Results

LASeq 56.4 dB  
 LA5E 85.9 dB  
 EAS 43.344 µPa²h  
 EAS8 1.387 mPa²h  
 EAS40 6.935 mPa²h  
 LApeak (max) 2019-10-22 09:58:17 89.7 dB  
 LASmax 2019-10-22 09:57:36 72.2 dB  
 LASmin 2019-10-22 10:09:35 48.3 dB  
 SEA -99.9 dB  
  

LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s
LApeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s
LApeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s
LApeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s

LCSeq 66.7 dB  
 LASeq 56.4 dB  
 LCSeq - LASeq 10.3 dB  
 LAleq 58.5 dB  
 LAeq 56.4 dB  
 LAleq - LAeq 2.1 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	56.4					
LS(max)	72.2	2019/10/22 9:57:36				
LS(min)	48.3	2019/10/22 10:09:35				
LPeak(max)	89.7	2019/10/22 9:58:17				

**Summary**

File Name on Meter R31  
 File Name on PC SLM\_0005055\_LxT\_Data\_051.02.ldbin  
 Serial Number 0005055  
 Model SoundTrack LxT®  
 Firmware Version 2.302  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2019-10-22 10:45:31  
 Stop 2019-10-22 11:00:31  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
 Pre Calibration 2019-10-22 08:47:31  
 Post Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamp PRMLxT2B  
 Microphone Correction Off  
 Integration Method Exponential  
 OBA Range Low  
 OBA Bandwidth None  
 OBA Freq. Weighting Z Weighting  
 OBA Max Spectrum Bin Max  
 Overload 144.6 dB  
     A C Z  
 Under Range Peak 100.8 97.8 102.8 dB  
 Under Range Limit 49.8 47.8 55.8 dB  
 Noise Floor 36.7 37.3 44.9 dB

**Results**

LAseq 70.1 dB  
 LASeq 99.6 dB  
 EAS 1.019 mPa²h  
 EAS8 32.621 mPa²h  
 EAS40 163.107 mPa²h  
 LApeak (max) 2019-10-22 10:59:11 103.1 dB  
 LASmax 2019-10-22 10:59:11 82.1 dB  
 LASmin 2019-10-22 10:56:14 60.8 dB  
 SEA -99.9 dB

LAS > 85.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LAS > 115.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 135.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 137.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 140.0 dB (Exceedance Counts / Duration) 0 0.0 s

LCSeq 79.4 dB  
 LASeq 70.1 dB  
 LCSeq - LASeq 9.3 dB  
 LAleq 72.7 dB  
 LAeq 70.1 dB  
 LAleq - LAeq 2.6 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	70.1					
LS(max)	82.1	2019/10/22 10:59:11				
LS(min)	60.8	2019/10/22 10:56:14				
LPeak(max)	103.1	2019/10/22 10:59:11				

Summary

File Name on Meter R32  
 File Name on PC SLM\_0005055\_LxT\_Data\_054.02.ldbin  
 Serial Number 0005055  
 Model SoundTrack LxT®  
 Firmware Version 2.302  
 User  
 Location  
 Job Description  
 Note

Measurement

Description  
 Start 2019-10-22 12:50:45  
 Stop 2019-10-22 13:05:45  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
 Pre Calibration 2019-10-22 08:47:31  
 Post Calibration None  
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamp PRMLxT2B  
 Microphone Correction Off  
 Integration Method Exponential  
 OBA Range Low  
 OBA Bandwidth None  
 OBA Freq. Weighting Z Weighting  
 OBA Max Spectrum Bin Max  
 Overload 144.6 dB  
 Under Range Peak **100.8** A C Z  
 Under Range Limit **49.8** 97.8 102.8 dB  
 Noise Floor 36.7 47.8 55.8 dB  
 37.3 44.9 dB

Results

LAseq 61.0 dB  
 LA5E 90.5 dB  
 EAS 125.438 µPa²h  
 EAS8 4.014 mPa²h  
 EAS40 20.070 mPa²h  
 LApeak (max) 2019-10-22 13:02:26 91.7 dB  
 LASmax 2019-10-22 12:53:23 77.1 dB  
 LASmin 2019-10-22 12:56:20 50.5 dB  
 SEA -99.9 dB

LAS > 85.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LAS > 115.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 135.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 137.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 140.0 dB (Exceedance Counts / Duration) 0 0.0 s

LCSeq 72.1 dB  
 LASeq 61.0 dB  
 LCSeq - LASeq 11.1 dB  
 LAleq 64.0 dB  
 LAeq 61.0 dB  
 LAleq - LAeq 3.0 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	61.0					
LS(max)	77.1	2019/10/22 12:53:23				
LS(min)	50.5	2019/10/22 12:56:20				
LPeak(max)	91.7	2019/10/22 13:02:26				