

# Appendix H

## **Noise Modeling Data**



# **H1. Traffic Noise Calculations**



## WSGVAP - Operation Traffic Noise Modeling Summary

Roadway Segment	Community	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 30 Feet from Centerline		
Canada Ave between W Woodbury Rd & W Montana St	Altadena	215	70	20	66.4	66.4	0.0
Casitas Ave between W Altadena Dr & Ventura St	Altadena	240	75	25	66.8	66.8	0.0
E Altadena Dr between Allen Ave & Crescent Dr	Altadena	585	185	60	70.7	70.7	0.0
E Altadena Dr between Fair Oaks Ave & N Marengo Ave	Altadena	645	205	65	71.0	71.1	0.1
E Altadena Dr between Lake Ave & N Holliston Ave	Altadena	1,210	385	120	73.8	73.8	0.0
E Altadena Dr between N Holliston Ave & Allen Ave	Altadena	1,210	385	120	73.8	73.8	0.0
E New York Dr between Lake Ave & Mar Vista Ave	Altadena	2,185	690	220	76.4	76.4	0.0
E New York Dr between Mar Vista Ave & N Holliston Ave	Altadena	2,185	690	220	76.4	76.4	0.0
E New York Dr between N Holliston Ave & N Hill Ave	Altadena	2,220	700	220	76.4	76.5	0.0
E Washington Blvd between Bellford Ave & Pepper Dr	Altadena	385	120	40	68.8	68.9	0.1
E Washington Blvd between N Altadena Dr & Woodlyn Rd	Altadena	275	85	25	67.3	67.4	0.1
E Washington Blvd between Pepper Dr & N Altadena Dr	Altadena	385	120	40	68.8	68.9	0.1
E Woodbury Rd between E Altadena Dr & E Calaveras St	Altadena	2,420	765	240	76.8	76.8	0.0
E Woodbury Rd between Los Robles Ave & Lake ave	Altadena	1,545	490	155	74.9	74.9	0.0
E Woodbury Rd between N Marengo Ave & Santa Anita Ave	Altadena	2,325	735	230	76.7	76.7	0.0
E Woodbury Rd between Santa Anita Ave & Los Robles Ave	Altadena	2,325	735	230	76.7	76.7	0.0
Lincoln Ave between W Woodbury Rd & Vermont St	Altadena	1,430	450	145	74.6	74.6	0.0
Montrose Ave between Glenda Ave & Waltonia Dr	Altadena	520	165	50	70.2	70.2	0.0
N Allen Ave between E Altadena Dr & Mendocino Ln	Altadena	670	210	65	71.3	71.3	0.0
N Allen Ave between Mendocino Ln & Midwick Dr	Altadena	805	255	80	72.1	72.1	0.0
N Allen Ave between Midwick Dr & New York Dr	Altadena	590	185	60	70.8	70.7	0.0
N Allen Ave between New York Dr & E Washington Blvd	Altadena	840	265	85	72.3	72.2	0.0
N Allen Ave between New York Dr & E Woodbury Rd	Altadena	840	265	85	72.3	72.2	0.0
N Altadena Dr between Crescent Dr & Canyon Close Rd	Altadena	1,120	355	110	73.5	73.5	0.0
N Altadena Dr between E Washington Blvd & Galbreth Rd	Altadena	795	250	80	72.1	72.0	-0.1
N Altadena Dr between Glen Canyon Rd & New York Dr	Altadena	1,330	420	135	74.2	74.3	0.0
N Altadena Dr between New York Dr & E Washington Blvd	Altadena	445	140	45	69.5	69.5	0.0
N Arroyo Blvd between Weimar Ave & 210	Altadena	1,120	355	110	73.5	73.5	0.0
N Fair Oaks Ave between E Altadena Dr & E Calaveras St	Altadena	735	235	75	71.7	71.7	-0.1
N Fair Oaks Ave between Ventura St & Figueroa Dr	Altadena	430	135	45	69.4	69.4	0.0
N Hill Ave between New York Dr & E Topeka St	Altadena	230	70	25	66.6	66.6	0.0
N Lake Ave between E Altadena Dr & E Mariposa St	Altadena	655	205	65	71.2	71.2	0.0
N Lake Ave between E Altadena Dr & Fontanet Way	Altadena	715	225	70	71.6	71.6	0.0
N Lake Ave between E Calaveras St & New York Dr	Altadena	490	155	50	70.0	69.9	0.0
N Lake Ave between E Mariposa St & E Mendocino St	Altadena	655	205	65	71.2	71.2	0.0
N Lake Ave between E Mendocino St & E Calaveras St	Altadena	495	155	50	70.0	69.9	0.0
N Lake Ave between New York Dr & E Woodbury Rd	Altadena	1,785	565	180	75.5	75.5	0.0

Roadway Segment	Community	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 30 Feet from Centerline		
N Lincoln Ave between Acacia St & W Woodbury Rd	Altadena	835	265	85	72.2	72.2	0.0
N Lincoln Ave between Figueroa Dr & Acacia St	Altadena	1,705	540	170	75.3	75.3	0.0
N Lincoln Ave between Ventura St & Figueroa Dr	Altadena	1,025	325	105	73.1	73.1	0.0
N Lincoln Ave between W Altadena Dr & Ventura St	Altadena	490	155	50	69.9	69.9	0.0
N Marengo Ave between E Altadena Dr & E Mariposa St	Altadena	275	85	25	67.4	67.4	0.0
N Marengo Ave between E Calaveras St & E Woodbury Rd	Altadena	275	85	25	67.4	67.4	0.0
N Marengo Ave between E Mariposa St & E Calaveras St	Altadena	275	85	25	67.4	67.4	0.0
N Windsor Ave between W Kent St & W Woodbury Rd	Altadena	185	60	20	65.7	65.7	0.0
N Windsor Ave between Ventura St & Figueroa Dr	Altadena	185	60	20	65.7	65.7	0.0
N Windsor Ave between W Woodbury Rd & Wiemar Ave	Altadena	875	275	85	72.4	72.4	0.0
N Yucca Ln between N Arroyo Blvd & Weimar Ave	Altadena	250	80	25	67.0	67.0	0.0
New York Dr between Allen Ave & Pepper Dr	Altadena	2,220	705	220	76.5	76.5	0.0
New York Dr between N Altadena Dr & Eaton Canyon Dr	Altadena	3,660	1,160	365	78.6	78.6	0.0
New York Dr between N Hill Ave & Sinaloa Ave	Altadena	1,195	380	120	73.8	73.8	0.0
New York Dr between Pepper Dr & N Altadena Dr	Altadena	2,220	705	220	76.5	76.5	0.0
New York Dr between Sinaloa Ave & Allen Ave	Altadena	1,240	390	125	74.0	73.9	0.0
W Altadena Dr between Casitas Ave & Lincoln Ave	Altadena	240	75	25	66.8	66.8	0.0
W Woodbury Rd between Canada Ave & Casitas Ave	Altadena	3,080	975	310	77.9	77.9	0.0
W Woodbury Rd between Casitas Ave & Lincoln Ave	Altadena	3,080	975	310	77.9	77.9	0.0
W Woodbury Rd between Glenrose Ave & Fair Oaks Ave	Altadena	2,225	705	220	76.5	76.5	0.0
W Woodbury Rd between Lincoln Ave & Glenrose Ave	Altadena	2,555	810	255	77.1	77.1	0.0
W Woodbury Rd between N Windsor Ave & Canada Ave	Altadena	3,430	1,085	345	78.3	78.4	0.0
Weimar Ave between N Yucca Ln & N Windsor Ave	Altadena	380	120	40	68.8	68.8	0.0
Duarte Rd between Rosemead Blvd & N Oak Ave	East Pasadena	1,415	445	140	74.4	74.5	0.1
E California Blvd between Brightside Ln & Madre St	East Pasadena	1,230	390	125	73.9	73.9	0.0
E California Blvd between Michigan Blvd & Woodward Blvd	East Pasadena	2,160	685	215	76.4	76.4	0.0
E California Blvd between Woodward Blvd & S Michillinda Ave	East Pasadena	2,160	685	215	76.4	76.4	0.0
E Colorado Blvd between Lotus Ave & N Rosemead Blvd	East Pasadena	3,195	1,010	320	78.0	78.1	0.0
E Colorado Blvd between Madre St & Lotus Ave	East Pasadena	3,195	1,010	320	78.0	78.1	0.0
E Colorado Blvd between Merlon Ave & Michillinda Ave	East Pasadena	3,710	1,175	370	78.7	78.7	0.0
E Colorado Blvd between N Rosemead Blvd & Merlon Ave	East Pasadena	2,395	760	240	76.8	76.8	0.0
E Foothill Blvd between N Rosemead Blvd & Quigley Ave	East Pasadena	2,570	815	255	77.1	77.1	0.0
E Foothill Blvd between Quigley Ave & S Michillinda Ave	East Pasadena	2,220	700	220	76.5	76.5	0.0
Huntington Dr between N Muscatel Ave & S Rosemead Blvd	East Pasadena	4,590	1,450	460	79.6	79.6	0.0
Huntington Dr between Sunny Slope Dr & N Muscatel Ave	East Pasadena	8,465	2,675	845	82.3	82.3	0.0
Longden Ave between N Muscatel Ave & Rosemead Blvd	East Pasadena	680	215	70	71.3	71.3	0.0
Madre St between E Green St & E Del Mar Blvd	East Pasadena	1,505	475	150	74.8	74.8	0.0
Madre St between Grayburn Rd & San Pasqual St	East Pasadena	1,485	470	150	74.7	74.7	0.0
Madre St between San Pasqual St & E California Blvd	East Pasadena	1,550	490	155	74.9	74.9	0.0
N Michillinda Ave between W Foothill Blvd & 210	East Pasadena	2,240	710	225	76.5	76.5	0.0
N Rosemead Blvd between Corta Calle & E Colorado Blvd	East Pasadena	4,385	1,385	440	79.4	79.4	0.0
N Rosemead Blvd between Cotra Calle & Arboleda St	East Pasadena	4,750	1,500	475	79.8	79.8	0.0
N Rosemead Blvd between E Foothill Blvd & Arboleda St	East Pasadena	3,265	1,030	325	78.1	78.1	0.0
Rosemead Blvd between Duarte Rd & Callita St	East Pasadena	5,290	1,675	530	80.2	80.2	0.0
S Michillinda Ave between E California Blvd & Huntington Dr	East Pasadena	160	50	15	64.8	65.1	0.3
S Michillinda Ave between Volante Dr & Hugo Reid Dr	East Pasadena	1,100	350	110	73.4	73.4	0.0
S Rosemead Blvd between Del Mar Blvd & E California Blvd	East Pasadena	6,235	1,970	625	81.0	81.0	0.0
S Rosemead Blvd between E Colorado Blvd & Del Mar Blvd	East Pasadena	6,935	2,195	695	81.4	81.4	0.0
S San Gabriel Blvd between E California Blvd & Huntington Dr	East Pasadena	5,650	1,785	565	80.5	80.5	0.0
Duarte Rd between N Muscatel Ave & Rosemead Blvd	East San Gabriel	685	215	70	71.3	71.4	0.1
Duarte Rd between N Vista St & N Muscatel Ave	East San Gabriel	925	295	95	72.5	72.7	0.1
Duarte Rd between San Gabriel Blvd & N Vista St	East San Gabriel	925	295	95	72.5	72.7	0.1
E Broadway between N Burton Ave & N Muscatel Ave	East San Gabriel	740	235	75	71.8	71.7	0.0
E Broadway between N Muscatel Ave & Acacia St	East San Gabriel	3,345	1,055	335	78.2	78.3	0.0
E California Blvd between S Rosemead Blvd & Michigan Blvd	East San Gabriel	2,160	685	215	76.4	76.4	0.0
Huntington Dr between S Rosemead Blvd & S Michillinda Ave	East San Gabriel	4,820	1,525	480	79.8	79.8	0.0
Longden Ave between N Willard Ave & Rosemead Blvd	East San Gabriel	835	265	85	72.2	72.2	0.0
Longden Ave between San Gabriel Blvd & N Willard Ave	East San Gabriel	835	265	85	72.2	72.2	0.0
N Walnut Grove Ave between Southwind Ct & E Broadway	East San Gabriel	985	310	100	72.9	72.9	0.0
S Michillinda Ave between Hugo Reid Dr & E California Blvd	East San Gabriel	1,100	350	110	73.4	73.4	0.0
S Rosemead Blvd between Del Mar Blvd & E California Blvd	East San Gabriel	7,185	2,270	720	81.5	81.6	0.0
S Rosemead Blvd between E California Blvd & Huntington Dr	East San Gabriel	6,460	2,045	645	81.1	81.1	0.0
S San Gabriel Blvd between Duarte Rd & Longden Ave	East San Gabriel	7,630	2,415	765	81.8	81.8	0.0
S San Gabriel Blvd between Huntington Dr & Lorain Rd	East San Gabriel	7,720	2,440	770	81.9	81.9	0.0
S San Gabriel Blvd between Lorain Rd & Duarte Rd	East San Gabriel	7,250	2,290	725	81.6	81.6	0.0
Temple City Blvd between Leroy St & E Camino Real Ave	East San Gabriel	2,635	835	265	77.2	77.2	0.1
Walnut Grove Ave between E Broadway & Grand Ave	East San Gabriel	1,780	565	180	75.5	75.5	0.0
E Colorado Blvd between Northrup Ave & Madre St	Kinneloa Mesa	1,220	385	120	73.9	73.9	0.0
E Sierra Madre Blvd between New York Dr & Riviera Dr	Kinneloa Mesa	695	220	70	71.4	71.4	0.0
Foothill Blvd between La Crescenta Ave & Raymond Ave	La Crescenta-Montrose	1,885	595	190	75.8	75.8	0.0
Foothill Blvd between Ramsdell Ave & La Crescenta Ave	La Crescenta-Montrose	2,455	775	245	76.9	76.9	0.0
Foothill Blvd between Raymond Ave & Rosemont Ave	La Crescenta-Montrose	515	165	50	70.1	70.1	0.0
Foothill Blvd between Rosemont Ave & Briggs Ave	La Crescenta-Montrose	3,325	1,050	335	78.2	78.2	0.0
La Crescenta Ave between Fierro Cir & Orange Ave	La Crescenta-Montrose	235	75	25	66.8	66.7	-0.1
La Crescenta Ave between Foothill Blvd & 210	La Crescenta-Montrose	1,775	560	175	75.5	75.5	0.0
La Crescenta Ave between Orange Ave & Foothill Blvd	La Crescenta-Montrose	120	40	10	64.0	63.9	-0.1
Montrose Ave between Ocean View Blvd & Glenda Ave	La Crescenta-Montrose	520	165	50	70.2	70.2	0.0
Montrose Ave between Orangedale Ave & Ocean View Blvd	La Crescenta-Montrose	160	50	15	65.0	65.1	0.0
Montrose Ave between Rosemont Ave & Florencita Dr W	La Crescenta-Montrose	325	105	35	68.1	68.1	0.0
Ocean View Blvd between 210 & Montrose Ave	La Crescenta-Montrose	1,655	525	165	75.2	75.2	0.0
Ocean View Blvd between Montrose Ave & Florencita Dr W	La Crescenta-Montrose	1,260	400	125	74.0	74.0	0.0
Orange Ave between Pennsylvania Ave & Ramsdell Ave	La Crescenta-Montrose	210	65	20	66.3	66.3	-0.1
Orange Ave between Ramsdell Ave & La Crescenta Ave	La Crescenta-Montrose	200	65	20	66.0	66.0	0.0

Roadway Segment	Community	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 30 Feet from Centerline		
Pennsylvania Ave between Foothill Blvd & 210	La Crescenta-Montrose	3,125	990	310	78.0	78.0	0.0
Rosemont Ave between Foothill Blvd & Montrose Ave	La Crescenta-Montrose	125	40	10	63.9	64.0	0.1
Santa Anita Ave between Freer Ave & Grand Ave	North El Monte	5,095	1,610	510	80.1	80.1	0.0
Santa Anita Ave between Kristi Ct & Freer Ave	North El Monte	5,095	1,610	510	80.1	80.1	0.0
Tyler Ave between Freer Ave & W Hondo Pkwy	North El Monte	290	90	30	67.5	67.6	0.1
Tyler Ave between Lynrose St & Freer Ave	North El Monte	330	105	35	68.1	68.2	0.1
W Hondo Pkwy between Santa Anita Ave & Tyler Ave	North El Monte	290	90	30	67.5	67.6	0.1
Sierra Madre Blvd between E Del Mar & San Pasqual St	San Pasqual	3,395	1,075	340	78.3	78.3	0.0
Sierra Madre Blvd between San Pasqual & E California Blvd	San Pasqual	4,480	1,415	450	79.4	79.5	0.1
E Camino Real between S Myrtle Ave & California Ave	South Monrovia Islands	75	25	5	61.7	61.6	0.0
S California Ave between E Camino Real St & Novice Ln	South Monrovia Islands	1,710	540	170	75.3	75.3	0.0
S California Ave between Hurstview Ave & E Camino Real St	South Monrovia Islands	1,135	360	115	73.6	73.6	0.0
S Myrtle Ave between E Altern St & E Camino Real St	South Monrovia Islands	5,060	1,600	505	80.0	80.1	0.0
S Myrtle Ave between E Camino Real St & Novice Ln	South Monrovia Islands	5,520	1,745	550	80.4	80.4	0.0
E Camino Real between Fairgreen Ave & S Myrtle Ave	South Monrovia Islands	355	115	35	68.5	68.5	0.0
E Live Oak Ave between 8th Ave & S 10th Ave	South Monrovia Islands	5,380	1,700	540	80.2	80.3	0.1
E Live Oak Ave between Mayflower Ave & Myrtle Ave	South Monrovia Islands	4,595	1,450	460	79.7	79.6	0.0
E Live Oak Ave between S 10th Ave & Mayflower Ave	South Monrovia Islands	6,025	1,905	600	80.7	80.8	0.1
E Longden Ave between Mayflower Ave & Peck Rd	South Monrovia Islands	955	300	95	72.8	72.8	0.0
S Mayflower Ave between E Longden Ave & Live Oak Ave	South Monrovia Islands	>5	>5	>5	46.8	46.0	-0.8
Del Mar Ave between Graves Ave & Potrero Grande Dr	South San Gabriel	2,615	825	260	77.2	77.2	0.0
E Graves Ave between Del Mar Ave & San Gabriel Blvd	South San Gabriel	130	40	15	64.0	64.2	0.2
E Graves Ave between New Ave & Del Mar Ave	South San Gabriel	995	315	100	73.0	73.0	0.0
Hill Dr between Potrero Grande Dr & San Gabriel Blvd	South San Gabriel	2,290	725	230	76.6	76.6	0.0
Paramount Blvd between Hill Dr & W Arroyo Dr	South San Gabriel	3,110	985	310	77.9	77.9	0.0
Potrero Grande Dr between Arroyo Dr & Hill Dr	South San Gabriel	4,640	1,465	465	79.7	79.7	0.0
Potrero Grande Dr between Hill Dr & San Gabriel Blvd	South San Gabriel	3,050	965	305	77.8	77.9	0.0
Rosemead Blvd between Rush St & I-60	South San Gabriel	8,710	2,755	870	82.4	82.4	0.0
San Gabriel Blvd between Delta St & Rose Glen Ave	South San Gabriel	5,900	1,865	590	80.7	80.7	0.0
San Gabriel Blvd between Paramount Blvd & Delta St	South San Gabriel	4,965	1,570	495	80.0	80.0	0.0
San Gabriel Blvd between Rush St & Hill Dr	South San Gabriel	4,485	1,420	450	79.5	79.5	0.0
Durfee Ave between Rosemead Blvd & Santa Anita Ave	Whittier Narrows	1,730	545	175	75.4	75.4	0.0
Durfee Ave between Santa Anita Ave & Peck Rd	Whittier Narrows	1,250	395	125	74.0	74.0	0.0
Peck Rd between Durfee Ave & Rooks Rd	Whittier Narrows	9,450	2,990	945	82.8	82.8	0.0
Rosemead Blvd between San Gabriel Blvd & Gallatin Rd	Whittier Narrows	10,190	3,220	1,020	83.1	83.1	0.0
Rosemead Blvd between San Gabriel Blvd & I-60	Whittier Narrows	5,255	1,660	525	80.2	80.2	0.0
San Gabriel Blvd between Lincoln Ave & Rosemead Rd	Whittier Narrows	6,665	2,110	665	81.2	81.2	0.0
San Gabriel Blvd between Motebello Town Center & Plaza Dr	Whittier Narrows	5,225	1,650	525	80.2	80.2	0.0
San Gabriel Blvd between Plaza Dr & Lincoln Ave	Whittier Narrows	6,540	2,070	655	81.2	81.2	0.0
Santa Anita Ave between I-60 & Durfee Ave	Whittier Narrows	1,520	480	150	74.8	74.8	0.0
Walnut Grove Ave between Rush St & Dryaer Ln	Whittier Narrows	1,730	545	175	75.4	75.4	0.0



TRAFFIC NOISE ANALYSIS TOOL

Project Name: WSGVAP
Project Number:
Analysis Scenario: 2045 NP
Source of Traffic Volumes: Fehr and Peers, 2022

Table with columns: 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 list various roadway segments like CANADA AVE BETWEEN W WOODBURY RD & W MONTANA ST, etc.



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)		
		50	40	30	Auto	MT	HT	Auto	MT	HT			60	65	70
N ROSEMEAD BLVD BETWEEN E FOOTHILL BLVD & ARBOLEDA ST	Hard	50	40	40	40	1908	1942	25	77.1	78.1	3,240	1,025	325		
N WALNUT GROVE AVE BETWEEN SOUTHWIND CT & E BROADWAY	Hard	50	30	30	30	886	952	10	71.9	72.9	975	310	95		
N WINDSOR AVE BETWEEN W KENT ST & W WOODBURY RD	Hard	50	30	30	30	178	181	1	64.7	65.7	185	60	20		
N WINDSOR AVE BETWEEN VENTURA ST & FIGUEROA DR	Hard	50	30	30	30	178	181	1	64.7	65.7	185	60	20		
N WINDSOR AVE BETWEEN W WOODBURY RD & WIEMAR AVE	Hard	50	30	30	30	807	849	7	71.4	72.4	865	275	85		
N YUCCA LN BETWEEN N ARROYO BLVD & WIEMAR AVE	Hard	50	30	30	30	254	245	2	66.0	67.0	250	80	25		
NEW YORK DR BETWEEN ALLEN AVE & PEPPER DR	Hard	50	40	40	40	1330	1347	6	75.5	76.5	2,215	700	220		
NEW YORK DR BETWEEN N ALTADENA DR & EATON CANYON DR	Hard	50	40	40	40	2159	2213	13	77.6	78.6	3,640	1,150	365		
NEW YORK DR BETWEEN N HILL AVE & SINALOA AVE	Hard	50	40	40	40	739	727	2	72.8	73.8	1,195	380	120		
NEW YORK DR BETWEEN PEPPER DR & N ALTADENA DR	Hard	50	40	40	40	1330	1347	6	75.5	76.5	2,215	700	220		
NEW YORK DR BETWEEN SINALOA AVE & ALLEN AVE	Hard	50	40	40	40	769	755	2	73.0	74.0	1,240	395	125		
OCEAN VIEW BLVD BETWEEN 210 & MONTROSE AVE	Hard	50	30	30	30	1614	1622	8	74.2	75.2	1,650	520	165		
OCEAN VIEW BLVD BETWEEN MONTROSE AVE & FLORENCITA DR W	Hard	50	30	30	30	1240	1239	6	73.0	74.0	1,260	400	125		
ORANGE AVE BETWEEN PENNSYLVANIA AVE & RAMSDELL AVE	Hard	50	30	30	30	243	206	2	65.3	66.3	215	70	20		
ORANGE AVE BETWEEN RAMSDELL AVE & LA CRESCENTA AVE	Hard	50	30	30	30	203	197	1	65.0	66.0	200	65	20		
PARAMOUNT BLVD BETWEEN HILL DR & W ARROYO DR	Hard	50	40	40	40	1863	1871	15	76.9	77.9	3,100	980	310		
PECK RD BETWEEN DURFEE AVE & ROOKS RD	Hard	50	40	40	40	5817	5699	38	81.8	82.8	9,450	2,990	945		
PENNSYLVANIA AVE BETWEEN FOOTHILL BLVD & 210	Hard	50	40	40	40	1953	1893	9	77.0	78.0	3,135	990	315		
POTRERO GRANDE DR BETWEEN ARROYO DR & HILL DR	Hard	50	40	40	40	2808	2806	16	78.7	79.7	4,630	1,465	465		
POTRERO GRANDE DR BETWEEN HILL DR & SAN GABRIEL BLVD	Hard	50	40	40	40	1772	1843	11	76.8	77.8	3,030	955	305		
ROSEMEAD BLVD BETWEEN DUARTE RD & CALLITA ST	Hard	50	40	40	40	3034	3185	24	79.2	80.2	5,240	1,655	525		
ROSEMEAD BLVD BETWEEN RUSH ST & I-60	Hard	50	40	40	40	5300	5205	55	81.4	82.4	8,690	2,750	870		
ROSEMEAD BLVD BETWEEN SAN GABRIEL BLVD & GALLATIN RD	Hard	50	40	40	40	6219	6189	22	82.1	83.1	10,180	3,220	1,020		
ROSEMEAD BLVD BETWEEN SAN GABRIEL BLVD & I-60	Hard	50	40	40	40	3188	3168	22	79.2	80.2	5,245	1,660	525		
ROSEMONT AVE BETWEEN FOOTHILL BLVD & MONTROSE AVE	Hard	50	30	30	30	106	121	1	62.9	63.9	125	40	10		
S CALIFORNIA AVE BETWEEN E CAMINO REAL ST & NOVICE LN	Hard	50	30	30	30	1666	1674	10	74.3	75.3	1,705	540	170		
S CALIFORNIA AVE BETWEEN HURSTVIEW AVE & E CAMINO REAL ST	Hard	50	30	30	30	1099	1107	9	72.6	73.6	1,135	360	115		
S MAYFLOWER AVE BETWEEN E LONGDEN AVE & LIVE OAK AVE	Hard	50	30	30	30	6	2	0	45.8	46.8	>5	>5	>5		
S MICHILLINDA AVE BETWEEN E CALIFORNIA BLVD & HUNTINGTON DR	Hard	50	30	30	30	49	157	1	63.8	64.8	150	45	15		
S MICHILLINDA AVE BETWEEN HUGO REID DR & E CALIFORNIA BLVD	Hard	50	30	30	30	1076	1082	5	72.4	73.4	1,100	350	110		
S MICHILLINDA AVE BETWEEN VOLANTE DR & HUGO REID DR	Hard	50	30	30	30	1076	1082	5	72.4	73.4	1,100	350	110		
S MYRTLE AVE BETWEEN E ALTERN ST & CAMINO REAL ST	Hard	50	40	40	40	3109	3034	27	79.0	80.0	5,055	1,600	505		
S MYRTLE AVE BETWEEN E CAMINO REAL ST & NOVICE LN	Hard	50	40	40	40	3365	3316	27	79.4	80.4	5,510	1,740	550		
S ROSEMEAD BLVD BETWEEN DEL MAR BLVD & E CALIFORNIA BLVD	Hard	50	40	40	40	4101	4332	30	80.5	81.5	7,115	2,250	710		
S ROSEMEAD BLVD BETWEEN DEL MAR BLVD & E CALIFORNIA BLVD	Hard	50	40	40	40	3979	3755	27	80.0	81.0	6,265	1,980	625		
S ROSEMEAD BLVD BETWEEN E CALIFORNIA BLVD & HUNTINGTON DR	Hard	50	40	40	40	3730	3881	33	80.1	81.1	6,405	2,025	640		
S ROSEMEAD BLVD BETWEEN E COLORADO BLVD & DEL MAR BLVD	Hard	50	40	40	40	4064	4164	36	80.4	81.4	6,890	2,180	690		
S SAN GABRIEL BLVD BETWEEN DUARTE RD & LONGDEN AVE	Hard	50	40	40	40	4420	4608	29	80.8	81.8	7,570	2,395	755		
S SAN GABRIEL BLVD BETWEEN E CALIFORNIA BLVD & HUNTINGTON DR	Hard	50	40	40	40	3430	3414	20	79.5	80.5	5,640	1,785	565		
S SAN GABRIEL BLVD BETWEEN HUNTINGTON DR & LORAIN RD	Hard	50	40	40	40	4740	4671	25	80.9	81.9	7,720	2,440	770		
S SAN GABRIEL BLVD BETWEEN LORAIN RD & DUARTE RD	Hard	50	40	40	40	4497	4382	25	80.6	81.6	7,260	2,295	725		
SAN GABRIEL BLVD BETWEEN DELTA ST & ROSE GLEN AVE	Hard	50	40	40	40	3562	3572	18	79.7	80.7	5,885	1,860	590		
SAN GABRIEL BLVD BETWEEN LINCOLN AVE & ROSEMEAD RD	Hard	50	40	40	40	4044	4045	16	80.2	81.2	6,655	2,105	665		
SAN GABRIEL BLVD BETWEEN MOTEBELLO TOWN CENTER & PLAZA DR	Hard	50	40	40	40	3152	3167	14	79.2	80.2	5,210	1,650	520		
SAN GABRIEL BLVD BETWEEN PARAMOUNT BLVD & DELTA ST	Hard	50	40	40	40	3070	3010	13	79.0	80.0	4,970	1,570	495		
SAN GABRIEL BLVD BETWEEN PLAZA DR & LINCOLN AVE	Hard	50	40	40	40	3942	3960	19	80.2	81.2	6,520	2,060	650		
SAN GABRIEL BLVD BETWEEN RUSH ST & HILL DR	Hard	50	40	40	40	2810	2711	16	78.5	79.5	4,500	1,425	450		
SANTA ANITA AVE BETWEEN FREER AVE & GRAND AVE	Hard	50	40	40	40	3175	3095	11	79.1	80.1	5,105	1,615	510		
SANTA ANITA AVE BETWEEN I-60 & DURFEE AVE	Hard	50	30	30	30	1525	1470	15	73.8	74.8	1,520	480	150		
SANTA ANITA AVE BETWEEN KRISTI CT & FREER AVE	Hard	50	40	40	40	3175	3095	11	79.1	80.1	5,105	1,615	510		
SIERRA MADRE BLVD BETWEEN E DEL MAR & SAN PASQUAL ST	Hard	50	40	40	40	2124	2049	13	77.3	78.3	3,405	1,075	340		
SIERRA MADRE BLVD BETWEEN SAN PASQUAL & E CALIFORNIA BLVD	Hard	50	40	40	40	2400	2709	15	78.4	79.4	4,400	1,390	440		
TEMPLE CITY BLVD BETWEEN LEROY ST & E CAMINO REAL AVE	Hard	50	30	30	30	2300	2581	15	76.2	77.2	2,605	825	260		
TYLER AVE BETWEEN FREER AVE & W HONDO PKWY	Hard	50	30	30	30	229	284	1	66.5	67.5	285	90	30		
TYLER AVE BETWEEN LYNROSE ST & FREER AVE	Hard	50	30	30	30	256	324	1	67.1	68.1	320	100	30		
W ALTADENA DR BETWEEN CASITAS AVE & LINCOLN AVE	Hard	50	30	30	30	231	237	1	65.8	66.8	240	75	25		
W HONDO PKWY BETWEEN SANTA ANITA AVE & TYLER AVE	Hard	50	30	30	30	229	284	1	66.5	67.5	285	90	30		
W WOODBURY RD BETWEEN CANADA AVE & CASITAS AVE	Hard	50	40	40	40	1802	1869	8	76.9	77.9	3,060	970	305		
W WOODBURY RD BETWEEN CASITAS AVE & LINCOLN AVE	Hard	50	40	40	40	1802	1869	8	76.9	77.9	3,060	970	305		
W WOODBURY RD BETWEEN GLENROSE AVE & FAIR OAKS AVE	Hard	50	40	40	40	1322	1343	8	75.5	76.5	2,215	700	220		
W WOODBURY RD BETWEEN LINCOLN AVE & GLENROSE AVE	Hard	50	40	40	40	1541	1541	10	76.1	77.1	2,545	805	255		
W WOODBURY RD BETWEEN N WINDSOR AVE & CANADA AVE	Hard	50	40	40	40	2026	2080	9	77.3	78.3	3,410	1,080	340		
WALNUT GROVE AVE BETWEEN E BROADWAY & GRAND AVE	Hard	50	30	30	30	1739	1725	17	74.5	75.5	1,775	560	180		
WALNUT GROVE AVE BETWEEN RUSH ST & DRYAER LN	Hard	50	30	30	30	1785	1671	19	74.4	75.4	1,735	550	175		
WIEMAR AVE BETWEEN N YUCCA LN & N WINDSOR AVE	Hard	50	30	30	30	388	374	2	67.8	68.8	380	120	40		

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.  
Roadway speeds were determined by either a "Minor Arterial" or "Principal Arterial" with a mph of 30 or 40, respectively.



TRAFFIC NOISE ANALYSIS TOOL

Project Name: WSGVAP
Project Number:
Analysis Scenario: 2045 with Project
Source of Traffic Volumes: Fehr and Peers, 2022

Table with columns: 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 list various roadway segments like Canada Ave, Casitas Ave, etc.

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
N Windsor Ave between W Kent St & W Woodbury Rd	Hard	50	30	30	30	184	181	1	64.7	65.7	185	60	20
N Windsor Ave between Ventura St & Figueroa Dr	Hard	50	30	30	30	184	181	1	64.7	65.7	185	60	20
N Windsor Ave between W Woodbury Rd & Wiemar Ave	Hard	50	30	30	30	870	849	7	71.4	72.4	875	275	85
N Yucca Ln between N Arroyo Blvd & Weimar Ave	Hard	50	30	30	30	251	245	2	66.0	67.0	250	80	25
New York Dr between Allen Ave & Pepper Dr	Hard	50	40	40	40	1363	1347	6	75.5	76.5	2,220	705	220
New York Dr between N Altadena Dr & Eaton Canyon Dr	Hard	50	40	40	40	2249	2213	13	77.6	78.6	3,660	1,160	365
New York Dr between N Hill Ave & Sinaloa Ave	Hard	50	40	40	40	732	727	2	72.8	73.8	1,195	380	120
New York Dr between Pepper Dr & N Altadena Dr	Hard	50	40	40	40	1363	1347	6	75.5	76.5	2,220	705	220
New York Dr between Sinaloa Ave & Allen Ave	Hard	50	40	40	40	760	755	2	72.9	73.9	1,240	390	125
Ocean View Blvd between 210 & Montrose Ave	Hard	50	30	30	30	1645	1622	8	74.2	75.2	1,655	525	165
Ocean View Blvd between Montrose Ave & Florencita Dr W	Hard	50	30	30	30	1256	1239	6	73.0	74.0	1,260	400	125
Orange Ave between Pennsylvania Ave & Ramsdell Ave	Hard	50	30	30	30	209	206	2	65.3	66.3	210	65	20
Orange Ave between Ramsdell Ave & La Crescenta Ave	Hard	50	30	30	30	200	197	1	65.0	66.0	200	65	20
Paramount Blvd between Hill Dr & W Arroyo Dr	Hard	50	40	40	40	1910	1871	15	76.9	77.9	3,110	985	310
Peck Rd between Durfee Ave & Rooks Rd	Hard	50	40	40	40	5823	5699	38	81.8	82.8	9,450	2,990	945
Pennsylvania Ave between Foothill Blvd & 210	Hard	50	40	40	40	1919	1893	9	77.0	78.0	3,125	990	310
Potrero Grande Dr between Arroyo Dr & Hill Dr	Hard	50	40	40	40	2844	2806	16	78.7	79.7	4,640	1,465	465
Potrero Grande Dr between Hill Dr & San Gabriel Blvd	Hard	50	40	40	40	1869	1843	11	76.9	77.9	3,050	965	305
Rosemead Blvd between Duarte Rd & Calita St	Hard	50	40	40	40	3261	3185	24	79.2	80.2	5,290	1,675	530
Rosemead Blvd between Rush St & I-60	Hard	50	40	40	40	5381	5205	55	81.4	82.4	8,710	2,755	870
Rosemead Blvd between San Gabriel Blvd & Gallatin Rd	Hard	50	40	40	40	6254	6189	22	82.1	83.1	10,190	3,220	1,020
Rosemead Blvd between San Gabriel Blvd & I-60	Hard	50	40	40	40	3228	3168	22	79.2	80.2	5,255	1,660	525
Rosemont Ave between Foothill Blvd & Montrose Ave	Hard	50	30	30	30	123	121	1	63.0	64.0	125	40	10
S California Ave between E Camino Real St & Novice Ln	Hard	50	30	30	30	1692	1674	10	74.3	75.3	1,710	540	170
S California Ave between Hurstview Ave & E Camino Real St	Hard	50	30	30	30	1122	1107	9	72.6	73.6	1,135	360	115
S Mayflower Ave between E Longden Ave & Live Oak Ave	Hard	50	30	30	30	2	2	0	45.0	46.0	>5	>5	>5
S Michillinda Ave between E California Blvd & Huntington Dr	Hard	50	30	30	30	161	157	1	64.1	65.1	160	50	15
S Michillinda Ave between Hugo Reid Dr & E California Blvd	Hard	50	30	30	30	1097	1082	5	72.4	73.4	1,100	350	110
S Michillinda Ave between Volante Dr & Hugo Reid Dr	Hard	50	30	30	30	1097	1082	5	72.4	73.4	1,100	350	110
S Myrtle Ave between E Altern St & E Camino Real St	Hard	50	40	40	40	3132	3034	27	79.1	80.1	5,060	1,600	505
S Myrtle Ave between E Camino Real St & Novice Ln	Hard	50	40	40	40	3414	3316	27	79.4	80.4	5,520	1,745	550
S Rosemead Blvd between Del Mar Blvd & E California Blvd	Hard	50	40	40	40	4413	4332	30	80.6	81.6	7,185	2,270	720
S Rosemead Blvd between Del Mar Blvd & E California Blvd	Hard	50	40	40	40	3834	3755	27	80.0	81.0	6,235	1,970	625
S Rosemead Blvd between E California Blvd & Huntington Dr	Hard	50	40	40	40	3972	3881	33	80.1	81.1	6,460	2,045	645
S Rosemead Blvd between E Colorado Blvd & Del Mar Blvd	Hard	50	40	40	40	4266	4164	36	80.4	81.4	6,935	2,195	695
S San Gabriel Blvd between Duarte Rd & Longden Ave	Hard	50	40	40	40	4688	4608	29	80.8	81.8	7,630	2,415	765
S San Gabriel Blvd between E California Blvd & Huntington Dr	Hard	50	40	40	40	3469	3414	20	79.5	80.5	5,650	1,785	565
S San Gabriel Blvd between Huntington Dr & Lorain Rd	Hard	50	40	40	40	4741	4671	25	80.9	81.9	7,720	2,440	770
S San Gabriel Blvd between Lorain Rd & Duarte Rd	Hard	50	40	40	40	4452	4382	25	80.6	81.6	7,250	2,290	725
San Gabriel Blvd between Delta St & Rose Glen Ave	Hard	50	40	40	40	3629	3572	18	79.7	80.7	5,900	1,865	590
San Gabriel Blvd between Lincoln Ave & Rosemead Rd	Hard	50	40	40	40	4091	4045	16	80.2	81.2	6,665	2,110	665
San Gabriel Blvd between Motebello Town Center & Plaza Dr	Hard	50	40	40	40	3212	3167	14	79.2	80.2	5,225	1,650	525
San Gabriel Blvd between Paramount Blvd & Delta St	Hard	50	40	40	40	3053	3010	13	79.0	80.0	4,965	1,570	495
San Gabriel Blvd between Plaza Dr & Lincoln Ave	Hard	50	40	40	40	4017	3960	19	80.2	81.2	6,540	2,070	655
San Gabriel Blvd between Rush St & Hill Dr	Hard	50	40	40	40	2759	2711	16	78.5	79.5	4,485	1,420	450
Santa Anita Ave between Freer Ave & Grand Ave	Hard	50	40	40	40	3126	3095	11	79.1	80.1	5,095	1,610	510
Santa Anita Ave between I-60 & Durfee Ave	Hard	50	30	30	30	1513	1470	15	73.8	74.8	1,520	480	150
Santa Anita Ave between Kristi Ct & Freer Ave	Hard	50	40	40	40	3126	3095	11	79.1	80.1	5,095	1,610	510
Sierra Madre Blvd between E Del Mar & San Pasqual St	Hard	50	40	40	40	2080	2049	13	77.3	78.3	3,395	1,075	340
Sierra Madre Blvd between San Pasqual & E California Blvd	Hard	50	40	40	40	2745	2709	15	78.5	79.5	4,480	1,415	450
Temple City Blvd between Leroy St & E Camino Real Ave	Hard	50	30	30	30	2622	2581	15	76.2	77.2	2,635	835	265
Tyler Ave between Freer Ave & W Hondo Pkwy	Hard	50	30	30	30	286	284	1	66.6	67.6	290	90	30
Tyler Ave between Lynrose St & Freer Ave	Hard	50	30	30	30	326	324	1	67.2	68.2	330	105	35
W Altadena Dr between Casitas Ave & Lincoln Ave	Hard	50	30	30	30	240	237	1	65.8	66.8	240	75	25
W Hondo Pkwy between Santa Anita Ave & Tyler Ave	Hard	50	30	30	30	286	284	1	66.6	67.6	290	90	30
W Woodbury Rd between Canada Ave & Casitas Ave	Hard	50	40	40	40	1891	1869	8	76.9	77.9	3,080	975	310
W Woodbury Rd between Casitas Ave & Lincoln Ave	Hard	50	40	40	40	1891	1869	8	76.9	77.9	3,080	975	310
W Woodbury Rd between Glenrose Ave & Fair Oaks Ave	Hard	50	40	40	40	1365	1343	8	75.5	76.5	2,225	705	220
W Woodbury Rd between Lincoln Ave & Glenrose Ave	Hard	50	40	40	40	1569	1541	10	76.1	77.1	2,555	810	255
W Woodbury Rd between N Windsor Ave & Canada Ave	Hard	50	40	40	40	2105	2080	9	77.4	78.4	3,430	1,085	345
Walnut Grove Ave between E Broadway & Grand Ave	Hard	50	30	30	30	1774	1725	17	74.5	75.5	1,780	565	180
Walnut Grove Ave between Rush St & Dryer Ln	Hard	50	30	30	30	1733	1671	19	74.4	75.4	1,730	545	175
Weimar Ave between N Yucca Ln & N Windsor Ave	Hard	50	30	30	30	380	374	2	67.8	68.8	380	120	40

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.  
Roadway speeds were determined by either a "Minor Arterial" or "Principal Arterial" with a mph of 30 or 40, respectively.



## **H2. Noise Measurements**



**Summary**

File Name on Meter R1  
 File Name on PC LxT\_0004161-20240328 095116-LxT\_Data.005.lbin  
 Serial Number 0004161  
 Model SoundTrack LxT®  
 Firmware Version 2.404  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2024-03-28 09:51:16  
 Stop 2024-03-28 10:06:16  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
 Pre-Calibration 2024-03-28 07:57:42  
 Post-Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamplifier PRMLxT1  
 Microphone Correction Off  
 Integration Method Exponential  
 Overload 144.6 dB  
 Under Range Peak 100.5 A C Z 97.5 102.5 dB  
 Under Range Limit 37.7 37.3 44.4 dB  
 Noise Floor 28.6 28.2 35.3 dB  
 Instrument Identification First Second Third  
 626 Wilshire Blvd., Ste. 1100 Los Angeles, CA 90017

**Results**

LASeq 68.5 dB  
 LASeq 98.0 dB  
 EAS 707.946 µPa²h  
 EAS8 22.654 mPa²h  
 EAS40 113.271 mPa²h  
 LApeak (max) 2024-03-28 09:52:39 102.7 dB  
 LASmax 2024-03-28 09:52:39 87.1 dB  
 LASmin 2024-03-28 09:56:08 50.5 dB  
 SEA -99.9 dB

	Exceedance Counts	Duration
LAS > 85.0 dB	1	2.6 s
LAS > 115.0 dB	0	0.0 s
LApeak > 135.0 dB	0	0.0 s
LApeak > 137.0 dB	0	0.0 s
LApeak > 140.0 dB	0	0.0 s

LCSeq 75.3 dB  
 LASeq 68.5 dB  
 LCSeq - LASeq 6.8 dB  
 LAleq 70.0 dB  
 LAeq 68.5 dB  
 LAleq - LAeq 1.5 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	68.5					
LS(max)	87.1	2024/03/28 9:52:39				
LS(min)	50.5	2024/03/28 9:56:08				
LPeak(max)	102.7	2024/03/28 9:52:39				

**Summary**

File Name on Meter R2  
 File Name on PC LxT\_0004161-20240328 083434-LxT\_Data.002.lbin  
 Serial Number 0004161  
 Model SoundTrack LxT®  
 Firmware Version 2.404  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2024-03-28 08:34:34  
 Stop 2024-03-28 08:49:34  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
 Pre-Calibration 2024-03-28 07:57:42  
 Post-Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamplifier PRMLxT1  
 Microphone Correction Off  
 Integration Method Exponential  
 Overload 144.6 dB  
 Under Range Peak 100.5 A 97.5 C 102.5 Z dB  
 Under Range Limit 37.7 37.3 44.4 dB  
 Noise Floor 28.6 28.2 35.3 dB

Instrument Identification  
 First 626 Wilshire Blvd., Ste. 1100  
 Second  
 Third Los Angeles, CA 90017

**Results**

LASeq 71.9 dB  
 LASeq 101.4 dB  
 EAS 1.549 mPa²h  
 EAS8 49.562 mPa²h  
 EAS40 247.811 mPa²h  
 LApeak (max) 2024-03-28 08:44:45 103.8 dB  
 LASmax 2024-03-28 08:44:45 89.8 dB  
 LASmin 2024-03-28 08:40:07 48.6 dB  
 SEA -99.9 dB

	Exceedance Counts	Duration
LAS > 85.0 dB	1	2.6 s
LAS > 115.0 dB	0	0.0 s
LApeak > 135.0 dB	0	0.0 s
LApeak > 137.0 dB	0	0.0 s
LApeak > 140.0 dB	0	0.0 s

LCSeq 78.1 dB  
 LASeq 71.9 dB  
 LCSeq - LASeq 6.2 dB  
 LAleq 73.6 dB  
 LAeq 71.9 dB  
 LAleq - LAeq 1.7 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	71.9					
LS(max)	89.8	2024/03/28 8:44:45				
LS(min)	48.6	2024/03/28 8:40:07				
LPeak(max)	103.8	2024/03/28 8:44:45				



**Summary**

File Name on Meter R3  
 File Name on PC LxT\_0004161-20240328 090036-LxT\_Data.003.lbin  
 Serial Number 0004161  
 Model SoundTrack LxT®  
 Firmware Version 2.404  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2024-03-28 09:00:36  
 Stop 2024-03-28 09:15:36  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
 Pre-Calibration 2024-03-28 07:57:42  
 Post-Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamplifier PRMLxT1  
 Microphone Correction Off  
 Integration Method Exponential  
 Overload 144.6 dB  
 Under Range Peak 100.5 A 97.5 C 102.5 Z dB  
 Under Range Limit 37.7 37.3 44.4 dB  
 Noise Floor 28.6 28.2 35.3 dB  
 Instrument Identification First Second Third  
 626 Wilshire Blvd., Ste. 1100 Los Angeles, CA 90017

**Results**

LASeq 66.0 dB  
 LASeq 95.5 dB  
 EAS 398.107 µPa²h  
 EAS8 12.739 mPa²h  
 EAS40 63.697 mPa²h  
 LApeak (max) 2024-03-28 09:05:00 98.1 dB  
 LASmax 2024-03-28 09:15:22 77.8 dB  
 LASmin 2024-03-28 09:10:04 55.7 dB  
 SEA -99.9 dB

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

LCSeq 73.0 dB  
 LASeq 66.0 dB  
 LCSeq - LASeq 7.0 dB  
 LAleq 68.0 dB  
 LAeq 66.0 dB  
 LAleq - LAeq 2.0 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	66.0					
LS(max)	77.8	2024/03/28 9:15:22				
LS(min)	55.7	2024/03/28 9:10:04				
LPeak(max)	98.1	2024/03/28 9:05:00				

**Summary**

File Name on Meter R4  
 File Name on PC LxT\_0004161-20240328 092813-LxT\_Data.004.lbin  
 Serial Number 0004161  
 Model SoundTrack LxT®  
 Firmware Version 2.404  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2024-03-28 09:28:13  
 Stop 2024-03-28 09:43:13  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
 Pre-Calibration 2024-03-28 07:57:42  
 Post-Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamplifier PRMLxT1  
 Microphone Correction Off  
 Integration Method Exponential  
 Overload 144.6 dB  
 Under Range Peak 100.5 A 97.5 C 102.5 Z dB  
 Under Range Limit 37.7 37.3 44.4 dB  
 Noise Floor 28.6 28.2 35.3 dB  
 Instrument Identification First Second Third  
 626 Wilshire Blvd., Ste. 1100 Los Angeles, CA 90017

**Results**

LASeq 69.4 dB  
 LASeq 98.9 dB  
 EAS 870.964 µPa²h  
 EAS8 27.871 mPa²h  
 EAS40 139.354 mPa²h  
 LApeak (max) 2024-03-28 09:40:25 93.6 dB  
 LASmax 2024-03-28 09:34:20 78.4 dB  
 LASmin 2024-03-28 09:32:10 46.9 dB  
 SEA -99.9 dB

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

LCSeq 73.3 dB  
 LASeq 69.4 dB  
 LCSeq - LASeq 3.9 dB  
 LAleq 70.9 dB  
 LAeq 69.4 dB  
 LAleq - LAeq 1.5 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	69.4					
LS(max)	78.4	2024/03/28 9:34:20				
LS(min)	46.9	2024/03/28 9:32:10				
LPeak(max)	93.6	2024/03/28 9:40:25				

**Summary**

File Name on Meter R5  
 File Name on PC LxT\_0004161-20240328 080038-LxT\_Data.001.lbin  
 Serial Number 0004161  
 Model SoundTrack LxT®  
 Firmware Version 2.404  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2024-03-28 08:00:38  
 Stop 2024-03-28 08:15:38  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
 Pre-Calibration 2024-03-28 07:57:43  
 Post-Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamplifier PRMLxT1  
 Microphone Correction Off  
 Integration Method Exponential  
 Overload 144.6 dB  
 Under Range Peak 100.5 A 97.5 C 102.5 Z dB  
 Under Range Limit 37.7 37.3 44.4 dB  
 Noise Floor 28.6 28.2 35.3 dB

Instrument Identification  
 First 626 Wilshire Blvd., Ste. 1100  
 Second  
 Third Los Angeles, CA 90017

**Results**

LASeq 66.9 dB  
 LASeq 96.4 dB  
 EAS 489.779 µPa²h  
 EAS8 15.673 mPa²h  
 EAS40 78.365 mPa²h  
 LApeak (max) 2024-03-28 08:01:44 95.3 dB  
 LASmax 2024-03-28 08:01:45 83.3 dB  
 LASmin 2024-03-28 08:08:09 54.9 dB  
 SEA -99.9 dB

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

LCSeq 75.4 dB  
 LASeq 66.9 dB  
 LCSeq - LASeq 8.5 dB  
 LAleq 68.3 dB  
 LAeq 66.9 dB  
 LAleq - LAeq 1.4 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	66.9					
LS(max)	83.3	2024/03/28 8:01:45				
LS(min)	54.9	2024/03/28 8:08:09				
LPeak(max)	95.3	2024/03/28 8:01:44				

**Summary**

File Name on Meter R6  
 File Name on PC LxT\_0007057-20240328 154937-LxT\_Data.015.ldbin  
 Serial Number 0007057  
 Model SoundTrack LxT®  
 Firmware Version 2.404  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2024-03-28 15:49:37  
 Stop 2024-03-28 16:04:37  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
 Pre-Calibration 2024-03-28 14:14:15  
 Post-Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamplifier PRMLxT1  
 Microphone Correction Off  
 Integration Method Exponential  
 Overload 144.1 dB  
 Under Range Peak A C Z  
 Under Range Limit 100.0 97.0 102.0 dB  
 Noise Floor 37.3 36.9 43.9 dB  
 28.1 27.8 34.8 dB

**Instrument Identification**

**Results**

LASeq 73.8 dB  
 LASE 103.3 dB  
 EAS 2.399 mPa²h  
 EAS8 76.763 mPa²h  
 EAS40 383.813 mPa²h  
 LApk (max) 2024-03-28 16:03:48 114.2 dB  
 LASmax 2024-03-28 15:59:34 93.5 dB  
 LASmin 2024-03-28 15:57:59 53.1 dB  
 SEA -99.9 dB

Exceedance Counts Duration  
 LAS > 85.0 dB 4 17.0 s  
 LAS > 115.0 dB 0 0.0 s  
 LApk > 135.0 dB 0 0.0 s  
 LApk > 137.0 dB 0 0.0 s  
 LApk > 140.0 dB 0 0.0 s

LCSeq 77.4 dB  
 LASEq 73.8 dB  
 LCSeq - LASEq 3.6 dB  
 LAleq 77.5 dB  
 LAeq 73.8 dB  
 LAleq - LAeq 3.7 dB

Leq  
 Ls(max)  
 Ls(min)  
 Lpk(max)

A		C		Z	
dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
73.8					
93.5	2024/03/28 15:59:34				
53.1	2024/03/28 15:57:59				
114.2	2024/03/28 16:03:48				

**Summary**

File Name on Meter R7  
 File Name on PC LxT\_0007057-20240328 152336-LxT\_Data.014.ldbin  
 Serial Number 0007057  
 Model SoundTrack LxT®  
 Firmware Version 2.404  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2024-03-28 15:23:36  
 Stop 2024-03-28 15:38:36  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
 Pre-Calibration 2024-03-28 14:14:15  
 Post-Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamplifier PRMLxT1  
 Microphone Correction Off  
 Integration Method Exponential  
 Overload 144.1 dB  
 Under Range Peak A C Z  
 100.0 97.0 102.0 dB  
 Under Range Limit 37.3 36.9 43.9 dB  
 Noise Floor 28.1 27.8 34.8 dB  
 Instrument Identification First Second Third

**Results**

LASeq 70.0 dB  
 LASE 99.5 dB  
 EAS 1000.000 µPa²h  
 EAS8 32.000 mPa²h  
 EAS40 160.000 mPa²h  
 LApk (max) 2024-03-28 15:30:42 96.2 dB  
 LASmax 2024-03-28 15:31:16 81.4 dB  
 LASmin 2024-03-28 15:24:06 47.9 dB  
 SEA -99.9 dB  
 Exceedance Counts Duration  
 LAS > 85.0 dB 0 0.0 s  
 LAS > 115.0 dB 0 0.0 s  
 LApk > 135.0 dB 0 0.0 s  
 LApk > 137.0 dB 0 0.0 s  
 LApk > 140.0 dB 0 0.0 s  
 LCSeq 76.0 dB  
 LASeq 70.0 dB  
 LCSeq - LASeq 6.0 dB  
 LAleq 71.5 dB  
 LAeq 70.0 dB  
 LAleq - LAeq 1.5 dB

A		C		Z	
dB	Time Stamp	dB	Time	dB	Time
70.0					
81.4	2024/03/28 15:31:16				
47.9	2024/03/28 15:24:06				
96.2	2024/03/28 15:30:42				

Leq  
 Ls(max)  
 Ls(min)  
 Lpk(max)

**Summary**

File Name on Meter R8  
 File Name on PC LxT\_0007057-20240328 141506-LxT\_Data.012.ldbin  
 Serial Number 0007057  
 Model SoundTrack LxT®  
 Firmware Version 2.404  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2024-03-28 14:15:06  
 Stop 2024-03-28 14:30:07  
 Duration 00:15:01.0  
 Run Time 00:14:54.9  
 Pause 00:00:06.1  
 Pre-Calibration 2024-03-28 14:14:15  
 Post-Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamplifier PRMLxT1  
 Microphone Correction Off  
 Integration Method Exponential  
 Overload 144.1 dB  
 Under Range Peak A C Z  
 100.0 97.0 102.0 dB  
 Under Range Limit 37.3 36.9 43.9 dB  
 Noise Floor 28.1 27.8 34.8 dB  
 Instrument Identification First Second Third

**Results**

LASeq 65.9 dB  
 LASeq 95.4 dB  
 EAS 386.841  $\mu\text{Pa}^2\text{h}$   
 EAS8 12.449  $\text{mPa}^2\text{h}$   
 EAS40 62.247  $\text{mPa}^2\text{h}$   
 LApk (max) 2024-03-28 14:17:54 103.2 dB  
 LASmax 2024-03-28 14:21:53 79.9 dB  
 LASmin 2024-03-28 14:26:36 52.3 dB  
 SEA -99.9 dB

	Exceedance Counts	Duration
LAS > 85.0 dB	0	0.0 s
LAS > 115.0 dB	0	0.0 s
LApk > 135.0 dB	0	0.0 s
LApk > 137.0 dB	0	0.0 s
LApk > 140.0 dB	0	0.0 s

LCSeq 75.6 dB  
 LASeq 65.9 dB  
 LCSeq - LASeq 9.7 dB  
 LAleq 67.9 dB  
 LAeq 65.9 dB  
 LAleq - LAeq 2.0 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	65.9					
Ls(max)	79.9	2024/03/28 14:21:53				
Ls(min)	52.3	2024/03/28 14:26:36				
Lpk(max)	103.2	2024/03/28 14:17:54				

Summary		
File Name on Meter		R9
File Name on PC	LxT_0007057-20240328 145947-LxT_Data.013.ldbin	
Serial Number		0007057
Model		SoundTrack LxT®
Firmware Version		2.404
User		
Location		
Job Description		
Note		

Measurement		
Description		
Start	2024-03-28	14:59:47
Stop	2024-03-28	15:14:47
Duration		00:15:00.0
Run Time		00:00:00.5
Pause		00:14:59.5
Pre-Calibration	2024-03-28	14:14:15
Post-Calibration		None
Calibration Deviation		---

Overall Settings			
RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamplifier	PRMLxT1		
Microphone Correction	Off		
Integration Method	Exponential		
Overload	144.1 dB		
	<b>A</b>	<b>C</b>	<b>Z</b>
Under Range Peak	100.0	97.0	102.0 dB
Under Range Limit	37.3	36.9	43.9 dB
Noise Floor	28.1	27.8	34.8 dB
	<b>First</b>	<b>Second</b>	<b>Third</b>
Instrument Identification			

Results		
LASeq	69.7 dB	
LASE	66.7 dB	
EAS	0.518 µPa²h	
EAS8	29.864 mPa²h	
EAS40	149.321 mPa²h	
LApk (max)	2024-03-28 14:59:47	-99.9 dB
LASmax	2024-03-28 14:59:47	70.0 dB
LASmin	2024-03-28 14:59:47	69.5 dB
SEA	-99.9 dB	

	Exceedance Counts	Duration
LAS > 85.0 dB	0	0.0 s
LAS > 115.0 dB	0	0.0 s
LApk > 135.0 dB	0	0.0 s
LApk > 137.0 dB	0	0.0 s
LApk > 140.0 dB	0	0.0 s

LCSeq	77.9 dB
LASeq	69.7 dB
LCSeq - LASeq	8.2 dB
LALeq	71.2 dB
LAeq	68.3 dB
LALeq - LAeq	2.9 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	68.3					
LS(max)	70.0	2024/03/28 14:59:47				
LS(min)	69.5	2024/03/28 14:59:47				

**Summary**

File Name on Meter R10  
 File Name on PC LxT\_0007057-20240328 162247-LxT\_Data.016.ldbin  
 Serial Number 0007057  
 Model SoundTrack LxT®  
 Firmware Version 2.404  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2024-03-28 16:22:47  
 Stop 2024-03-28 16:37:47  
 Duration 00:15:00.0  
 Run Time 00:15:00.0  
 Pause 00:00:00.0  
 Pre-Calibration 2024-03-28 14:14:15  
 Post-Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamplifier PRMLxT1  
 Microphone Correction Off  
 Integration Method Exponential  
 Overload 144.1 dB  
 Under Range Peak **100.0** A C Z  
 Under Range Limit **37.3** 97.0 102.0 dB  
 Noise Floor 28.1 36.9 43.9 dB  
 27.8 34.8 dB  
 First Second Third

**Instrument Identification**

**Results**

LAseq 67.5 dB  
 LA5E 97.0 dB  
 EAS 562.341 µPa²h  
 EAS8 17.995 mPa²h  
 EAS40 89.975 mPa²h  
 LApk (max) 2024-03-28 16:31:25 97.4 dB  
 LASmax 2024-03-28 16:31:25 79.8 dB  
 LASmin 2024-03-28 16:28:25 47.2 dB  
 SEA -99.9 dB

	Exceedance Counts	Duration
LAS > 85.0 dB	0	0.0 s
LAS > 115.0 dB	0	0.0 s
LApk > 135.0 dB	0	0.0 s
LApk > 137.0 dB	0	0.0 s
LApk > 140.0 dB	0	0.0 s

LCSeq 75.9 dB  
 LAseq 67.5 dB  
 LCSeq - LAseq 8.4 dB  
 LAleq 68.6 dB  
 LAeq 67.6 dB  
 LAleq - LAeq 1.0 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	67.6					
LS(max)	79.8	2024/03/28 16:31:25				
LS(min)	47.2	2024/03/28 16:28:25				
Lpk(max)	97.4	2024/03/28 16:31:25				