

Appendix F Noise Analysis Data Summary

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Clearwater Specific Plan
Paramount, CA
Appendix: Ambient Noise Monitoring Data
Prepared by MIG, May 2025

TABLE 1: SUMMARY OF SITE LT1 NOISE MONITORING DATA												
Date	Adjusted Time	Duration	Leq	CNEL	Lmin	Lmax	LAS1.70	LAS8.30	LAS16.70	LAS25.00	LAS50.00	LAS90.00
5/11/2025	10:00 AM	60 minutes	51.0	51.0	43.7	69.4	55.8	53.7	52.5	51.7	49.7	48.2
5/11/2025	11:00 AM	60 minutes	53.9	53.9	44.1	75.0	58.5	55.8	54.8	54.2	53.3	51.9
5/11/2025	12:00 PM	60 minutes	53.1	53.1	45.9	66.5	56.4	54.9	54.1	53.6	52.7	51.4
5/11/2025	1:00 PM	60 minutes	54.5	54.5	47.0	66.8	58.8	56.9	55.9	55.2	53.9	51.8
5/11/2025	2:00 PM	60 minutes	55.1	55.1	45.2	74.1	59.7	57.4	56.2	55.6	54.4	52.7
5/11/2025	3:00 PM	60 minutes	54.8	54.8	47.2	71.4	58.2	56.7	55.9	55.4	54.4	52.7
5/11/2025	4:00 PM	60 minutes	51.1	51.1	46.8	68.5	55.3	52.8	51.9	51.4	50.4	49.4
5/11/2025	5:00 PM	60 minutes	56.0	56.0	45.7	70.3	59.1	57.7	57.1	56.7	55.8	54.1
5/11/2025	6:00 PM	60 minutes	52.9	52.9	48.7	73.1	58.3	56.0	54.1	53.0	51.5	50.3
5/11/2025	7:00 PM	60 minutes	53.6	58.6	44.8	75.7	60.5	57.9	56.6	54.5	50.3	48.2
5/11/2025	8:00 PM	60 minutes	50.7	55.7	44.3	70.0	55.1	53.2	52.1	51.4	49.9	48.4
5/11/2025	9:00 PM	60 minutes	48.0	53.0	45.5	66.2	51.6	49.8	48.8	48.3	47.6	46.6
5/11/2025	10:00 PM	60 minutes	47.6	57.6	43.8	66.4	51.2	49.7	48.7	48.2	47.0	45.6
5/11/2025	11:00 PM	60 minutes	46.7	56.7	43.2	60.8	49.9	48.5	47.8	47.2	46.3	45.1
5/11/2025	12:00 AM	60 minutes	47.4	57.4	42.9	63.7	51.4	49.9	48.8	47.7	46.6	45.5
5/12/2025	1:00 AM	60 minutes	46.5	56.5	43.2	66.3	51.3	48.5	47.4	46.8	45.7	44.5
5/12/2025	2:00 AM	60 minutes	46.8	56.8	41.4	69.0	54.1	50.7	47.6	46.1	44.5	43.3
5/12/2025	3:00 AM	60 minutes	47.3	57.3	41.0	70.7	52.7	49.4	48.3	47.7	46.4	44.8
5/12/2025	4:00 AM	60 minutes	47.7	57.7	41.9	63.3	53.0	50.2	48.5	47.7	46.6	45.7
5/12/2025	5:00 AM	60 minutes	52.5	62.5	43.0	70.4	60.3	54.1	52.7	52.1	50.8	49.7
5/12/2025	6:00 AM	60 minutes	52.2	62.2	43.4	71.6	58.4	54.6	53.2	52.3	50.8	49.3
5/12/2025	7:00 AM	60 minutes	53.0	53.0	46.1	73.8	60.3	54.8	53.5	52.8	51.7	50.2
5/12/2025	8:00 AM	60 minutes	56.1	56.1	47.3	80.4	64.8	61.1	57.3	54.2	51.8	50.2
5/12/2025	9:00 AM	60 minutes	69.3	69.3	46.0	95.1	78.7	73.5	70.4	68.3	63.5	56.4
5/12/2025	10:00 AM	60 minutes	66.5	66.5	47.6	96.7	76.7	70.3	67.0	65.0	60.9	55.5
5/12/2025	11:00 AM	60 minutes	64.0	64.0	48.8	91.5	73.9	67.6	64.9	63.0	58.9	53.5
5/12/2025	12:00 PM	60 minutes	66.6	66.6	47.0	90.9	75.6	70.7	67.9	66.1	61.8	55.8
5/12/2025	1:00 PM	60 minutes	51.4	51.4	47.2	70.1	56.2	53.2	52.1	51.5	50.6	49.4
5/12/2025	2:00 PM	60 minutes	56.2	56.2	46.8	76.7	63.1	59.3	57.5	56.4	54.3	51.4
5/12/2025	3:00 PM	60 minutes	57.6	57.6	47.4	86.4	66.0	60.1	57.9	56.5	54.0	51.1
5/12/2025	4:00 PM	60 minutes	52.4	52.4	46.8	77.2	59.1	55.3	53.9	52.6	50.5	48.8
5/12/2025	5:00 PM	60 minutes	51.8	51.8	45.7	71.7	57.5	54.2	52.8	52.1	50.7	49.0
5/12/2025	6:00 PM	60 minutes	53.4	53.4	46.0	69.9	57.8	56.2	55.0	54.1	52.6	50.5
5/12/2025	7:00 PM	60 minutes	49.6	54.6	46.4	67.8	54.5	51.9	50.6	49.8	48.6	47.6
5/12/2025	8:00 PM	60 minutes	51.6	56.6	44.3	74.7	58.5	55.8	53.3	52.0	48.7	47.0
5/12/2025	9:00 PM	60 minutes	48.0	53.0	44.4	65.1	50.8	49.3	48.7	48.3	47.6	46.7
5/12/2025	10:00 PM	60 minutes	49.6	59.6	44.1	69.1	54.5	52.1	50.9	50.2	48.5	47.0
5/12/2025	11:00 PM	60 minutes	50.5	60.5	44.8	71.4	55.0	53.0	52.0	51.4	49.6	47.7
5/12/2025	12:00 AM	60 minutes	47.4	57.4	43.9	62.9	49.9	48.4	47.9	47.7	47.1	46.4
5/13/2025	1:00 AM	60 minutes	46.2	56.2	42.9	63.7	49.0	47.7	46.8	46.5	45.9	44.9
5/13/2025	2:00 AM	60 minutes	47.7	57.7	42.3	57.4	49.3	48.7	48.3	48.1	47.6	46.8
5/13/2025	3:00 AM	60 minutes	47.3	57.3	43.2	53.6	48.7	48.2	47.9	47.8	47.3	46.5
5/13/2025	4:00 AM	60 minutes	48.5	58.5	43.1	63.0	50.3	49.4	49.0	48.8	48.4	47.7
5/13/2025	5:00 AM	60 minutes	51.3	61.3	43.9	68.2	56.2	53.8	52.6	51.8	50.2	48.7
5/13/2025	6:00 AM	60 minutes	53.0	63.0	44.7	66.4	59.3	56.0	54.2	53.2	51.5	50.0
5/13/2025	7:00 AM	60 minutes	53.3	53.3	46.8	80.8	62.5	56.3	52.6	51.6	50.1	48.7
5/13/2025	8:00 AM	60 minutes	52.4	52.4	45.6	73.9	57.7	54.7	53.4	52.6	51.3	49.6
5/13/2025	9:00 AM	60 minutes	67.9	67.9	46.3	94.7	77.9	71.8	68.8	66.4	61.3	54.9
5/13/2025	10:00 AM	60 minutes	67.4	67.4	47.4	93.6	77.3	70.9	67.9	66.0	62.2	56.9
5/13/2025	11:00 AM	60 minutes	66.7	66.7	48.7	95.6	78.0	69.7	66.6	64.4	59.9	53.1
5/13/2025	12:00 PM	60 minutes	67.5	67.5	47.3	93.3	77.1	71.3	68.3	66.4	62.4	56.8
5/13/2025	1:00 PM	45 minutes	54.0	54.0	48.4	72.7	60.3	57.1	55.4	54.4	52.2	50.1
5/13/2025	2:00 PM	60 minutes	59.0	59.0	47.0	80.7	67.5	63.0	60.4	58.7	55.8	52.9
5/13/2025	3:00 PM	60 minutes	58.2	58.2	48.4	82.3	67.8	60.5	58.0	56.7	54.5	52.0
5/13/2025	4:00 PM	60 minutes	53.0	53.0	47.7	78.5	60.1	55.6	53.8	52.8	51.0	49.2
5/13/2025	5:00 PM	60 minutes	56.0	56.0	45.6	70.9	60.9	58.3	56.8	56.1	55.1	53.7
5/13/2025	6:00 PM	60 minutes	61.2	61.2	49.8	89.8	70.5	64.6	61.2	58.7	55.2	52.5
5/13/2025	7:00 PM	60 minutes	62.0	67.0	46.0	92.3	72.3	64.2	60.2	57.8	53.4	49.4
5/13/2025	8:00 PM	60 minutes	54.6	59.6	45.6	87.0	64.1	55.4	53.2	52.1	50.2	48.7
5/13/2025	9:00 PM	60 minutes	48.8	53.8	45.8	62.1	52.2	50.3	49.6	49.1	48.3	47.3
5/13/2025	10:00 PM	60 minutes	51.2	61.2	44.0	71.5	57.3	54.5	53.2	52.3	49.3	47.1

5/13/2025	11:00 PM	60 minutes	44.7	54.7	42.8	59.2	47.4	45.9	45.3	45.0	44.4	43.6
5/13/2025	12:00 AM	60 minutes	46.9	56.9	41.4	70.9	51.5	48.1	47.2	46.9	46.3	45.5
5/14/2025	1:00 AM	60 minutes	47.7	57.7	41.9	64.8	51.3	50.0	48.8	48.3	47.0	45.6
5/14/2025	2:00 AM	60 minutes	46.3	56.3	40.4	64.8	48.3	47.5	47.0	46.5	46.0	45.2
5/14/2025	3:00 AM	60 minutes	47.5	57.5	40.6	54.9	49.1	48.3	48.0	47.8	47.4	46.7
5/14/2025	4:00 AM	60 minutes	49.3	59.3	42.2	61.0	51.2	50.3	49.9	49.7	49.2	48.4
5/14/2025	5:00 AM	60 minutes	51.8	61.8	44.3	67.8	56.0	53.7	52.7	52.2	51.1	49.8
5/14/2025	6:00 AM	60 minutes	52.2	62.2	46.2	70.0	57.6	54.7	53.3	52.5	51.1	49.7
5/14/2025	7:00 AM	60 minutes	53.0	53.0	46.1	78.1	60.9	56.6	54.0	52.5	50.4	49.1
5/14/2025	8:00 AM	60 minutes	55.8	55.8	45.9	84.2	63.4	60.6	57.9	55.2	51.9	49.2
5/14/2025	9:00 AM	60 minutes	64.6	64.6	45.2	92.5	74.3	69.0	65.7	63.4	58.1	50.5
(10 AM Sunday 5/11 to 10 AM Monday 5/12)	Daytime (7 AM to 7 PM)		59.9	--	43.7	95.1	68.5	63.6	60.8	59.1	55.7	52.2
	Evening (7 PM to 10 PM)		51.4	--	44.3	75.7	57.3	54.9	53.6	52.1	49.4	47.8
	Nighttime (10 PM to 7 AM)		49.0	--	41.0	71.6	55.1	51.2	49.8	49.0	47.7	46.5
	24-hour CNEL		--	59.2				-	-	-	-	-
(10 AM Monday 5/12 to 10 AM Tuesday 5/13)	Daytime (7 AM to 7 PM)		62.2	--	45.6	96.7	71.7	65.9	63.1	61.1	57.1	52.3
	Evening (7 PM to 10 PM)		50.0	--	44.3	74.7	55.7	53.1	51.3	50.3	48.3	47.1
	Nighttime (10 PM to 7 AM)		49.6	--	42.3	71.4	54.1	51.8	50.7	50.0	48.8	47.5
	24-hour CNEL		--	60.8				-	-	-	-	-
(10 AM Tuesday 5/13 to 10 AM Wednesday 5/14)	Daytime (7 AM to 7 PM)		62.8	--	45.2	95.6	72.7	66.4	63.4	61.4	57.6	53.0
	Evening (7 PM to 10 PM)		58.1	--	45.6	92.3	68.1	60.1	56.5	54.5	51.2	48.6
	Nighttime (10 PM to 7 AM)		49.3	--	40.4	71.5	53.7	51.4	50.4	49.8	48.5	47.3
	24-hour CNEL		--	61.8				-	-	-	-	-

Summary

File Name on Meter Par_SC.001.s
File Name on PC LxT_0005064-20250511 083600-Par_SC.001.ldbin
Serial Number 0005064
Model SoundTrack LxT®
Firmware Version 2.404
User
Location
Job Description
Note

Measurement

Description Par Scool LT monitoring _ _ _ 5/11/25
Start 2025-05-11 08:36:00
Stop 2025-05-14 09:22:53
Duration 72:46:53.297
Run Time 72:46:53.297
Pause 00:00:00.0

Pre-Calibration 2025-05-11 08:25:10
Post-Calibration 2025-05-14 09:24:03
Calibration Deviation -0.08 dB

Overall Settings

RMS Weight A Weighting
Peak Weight A Weighting
Detector Fast
Preamplifier PRMLxT1L
Microphone Correct Off
Integration Method Exponential
OBA Range Normal
OBA Bandwidth 1/1 and 1/3
OBA Frequency Weighting A Weighting
OBA Max Spectrum Bin Max
Overload 122.3 dB

	A	C	Z
Under Range Peak	78.9	75.9	80.9 dB
Under Range Limit	24.2	25.2	31.3 dB
Noise Floor	15.1	16.1	22.1 dB

	First	Second	Third
Instrument Identification	L01	MIG INC 56-3802	

Results

LAFeq 59.2 dB
LAFE 113.4 dB
EAF 24.215 mPa²h
EAF8 2.662 mPa²h

EAF40	13.308 mPa²h	
LApk (max)	2025-05-11 08:39:01	109.7 dB
LAFmax	2025-05-12 09:08:51	96.7 dB
LAFmin	2025-05-14 00:38:26	40.4 dB
SEA	-99.9 dB	

	Exceedance Counts	Duration
LAF > 85.0 dB	117	67.0 s
LAF > 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

	LDN	LNight		LDEN	LDay		LEvening	LNight
		LDay 07:00-22:00	22:00-07:00		07:00-19:00	19:00-22:00		
Community Noise	60.6	61.1	49.8	60.7	61.9	50.6	49.8	

LCFeq	67.4 dB
LAFeq	59.2 dB
LCFeq - LAFeq	8.2 dB
LAleq	65.2 dB
LAeq	59.2 dB
LAleq - LAeq	6.0 dB

	A		C		Z	
	dB	Time Stamp	dB	Time	dB	Time Stamp
Leq	59.2					
LF(max)	96.7	2025/05/12 9:08:51				
LF(min)	40.4	2025/05/14 0:38:26				
Lpk(max)	109.7	2025/05/11 8:39:01				

Overload Count	0
Overload Duration	0.0 s
OBA Overload Count	0
OBA Overload Duration	0.0 s

Dose Settings		
Dose Name	OSHA-1	OSHA-2
Exchange Rate	5	5 dB
Threshold	90	80 dB
Criterion Level	90	90 dB
Criterion Duration	8	8 h

Results		
Dose	0.04	0.33 %
Projected Dose	0.00	0.04 %
TWA (Projected)	18.0	32.9 dB
TWA (t)	33.9	48.8 dB
Lep (t)	68.8	68.8 dB

Ln Percentiles

LAF 1.70	68.2 dB
LAF 8.30	58.4 dB
LAF 16.70	55.0 dB
LAF 25.00	53.2 dB
LAF 50.00	50.0 dB
LAF 90.00	45.3 dB

Calibration History

Preamp	Date	dB re 1V/Pa	mV/Pa	6.3	8.0	10.0	12.5	16.0
Direct	2020-01-28 05:43:54	-28.63	37.04	6.77	6.71	5.08	8.15	1.14
PRMLxT1L	2025-05-14 09:24:49	-28.61	37.13	87.41	67.48	63.01	65.25	58.74
PRMLxT1L	2025-05-14 09:23:59	-28.65	36.95	69.00	67.83	60.76	68.79	61.05
PRMLxT1L	2025-05-11 08:25:08	-28.56	37.32	90.89	78.58	46.75	50.27	60.13
PRMLxT1L	2025-01-30 19:43:38	-28.59	37.19	56.21	67.20	89.11	81.12	68.79
PRMLxT1L	2025-01-30 16:28:16	-28.53	37.46	70.97	79.28	69.95	60.26	69.13
PRMLxT1L	2025-01-30 16:15:34	-28.62	37.07	2.55	14.10	30.52	23.31	38.17
PRMLxT1L	2025-01-29 14:34:57	-28.59	37.19	51.44	55.59	63.33	59.17	57.96
PRMLxT1L	2025-01-14 12:28:10	-28.34	38.28	2.20	1.17	25.01	26.33	41.27
PRMLxT1L	2025-01-10 11:35:20	-28.39	38.07	72.12	81.70	80.01	80.61	63.46
PRMLxT1L	2025-01-10 11:34:01	-28.56	37.34	51.90	56.75	62.28	75.72	76.38
PRMLxT1L	2024-12-12 10:22:06	-28.45	37.81	51.45	43.98	51.96	46.24	43.25

20.0	25.0	31.5	40.0	50.0	63.0	80.0	100	125	160	200	250	315	400	500	630
-0.37	6.76	-3.04	4.93	7.84	-0.65	-0.13	5.92	14.82	2.94	5.36	13.01	6.87	3.83	5.98	7.01
63.47	59.74	62.13	60.14	62.19	61.97	54.10	59.83	53.08	49.95	50.32	48.39	46.55	41.46	40.20	33.95
67.37	64.72	66.83	65.66	63.78	61.58	62.47	61.22	60.38	70.14	80.96	83.06	81.28	82.10	79.72	70.38
57.26	59.34	62.47	59.18	58.82	61.78	56.60	57.61	53.93	53.95	51.20	53.94	48.02	38.75	37.35	29.65
55.63	52.54	54.76	52.57	49.98	47.33	44.34	45.79	44.60	42.83	40.51	39.90	32.53	34.00	28.98	23.56
55.32	53.08	64.19	53.97	67.02	57.61	55.00	69.05	74.12	60.97	61.50	58.94	46.85	45.11	44.84	31.42
69.36	71.54	66.82	70.77	64.70	65.57	65.43	62.60	65.32	67.07	66.70	65.99	69.52	70.99	61.41	61.79
52.69	50.35	46.66	48.07	48.92	56.76	58.91	54.18	56.62	50.82	50.79	46.12	43.75	42.91	38.20	38.50
57.60	55.03	54.70	65.98	63.75	65.04	59.99	56.38	55.23	55.87	56.74	55.45	50.42	49.92	48.01	45.75
61.77	69.27	56.05	61.12	57.98	59.10	53.39	54.04	53.53	47.41	44.75	44.77	42.33	36.49	32.56	23.02
75.49	67.95	58.89	55.12	67.46	70.50	69.47	66.35	64.03	59.52	54.41	50.71	50.24	49.06	42.40	36.18
50.28	42.26	43.10	40.16	44.11	44.87	34.55	35.03	41.42	31.45	30.39	29.32	27.85	28.61	26.26	21.18

800	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	10000	12500	16000	20000
7.32	6.53	8.42	9.38	11.06	10.25	13.19	12.14	40.31	23.44	15.99	16.70	20.07	19.16	19.86
30.45	114.02	49.04	19.53	63.83	20.58	61.07	19.66	31.20	22.12	23.05	24.20	25.93	28.22	31.20
68.78	113.89	58.74	52.88	63.81	31.86	60.98	25.26	31.74	27.09	26.54	25.76	27.88	28.90	34.49
29.42	114.01	49.07	19.01	63.96	21.10	61.05	20.09	30.73	21.66	22.93	24.31	26.55	28.56	30.88
28.24	113.92	48.60	18.99	63.21	21.26	60.97	19.29	31.49	21.34	22.63	23.65	25.81	28.21	31.00
29.93	114.07	48.90	19.44	63.67	20.82	61.11	20.35	31.36	21.44	22.52	24.19	25.94	28.40	31.34
59.31	113.95	56.93	55.99	63.74	42.12	61.07	48.04	47.63	45.14	42.89	41.47	37.62	33.90	52.61
37.07	113.73	48.68	25.27	63.38	21.31	60.75	19.79	31.33	21.06	22.07	23.98	25.87	27.91	30.53
41.67	114.03	49.00	24.97	63.96	20.70	60.98	19.90	31.04	21.48	22.94	24.02	26.05	28.21	31.14
28.58	114.15	49.12	19.07	64.10	21.51	61.18	20.07	31.26	21.72	22.98	24.19	26.34	28.55	31.06
35.53	113.88	48.84	20.85	63.60	20.62	61.01	19.35	31.26	21.38	22.62	24.06	26.18	28.45	30.71
28.40	113.95	48.91	18.96	64.88	20.25	59.56	19.82	29.79	21.30	22.80	24.02	26.18	28.65	31.21

Clearwater Specific Plan
Paramount, CA
Appendix: Ambient Noise Monitoring Data
Prepared by MIG, May 2025

TABLE 2: SUMMARY OF SITE LT2 NOISE MONITORING DATA												
Date	Adjusted Time	Duration	Leq	CNEL	Lmin	Lmax	LAS1.70	LAS8.30	LAS16.70	LAS25.00	LAS50.00	LAS90.00
5/11/2025	11:00 AM	60 minutes	58.9	58.9	45.2	85.0	69.2	62.0	58.7	56.8	54.0	51.0
5/11/2025	12:00 PM	60 minutes	59.6	59.6	45.3	89.9	70.6	62.0	58.3	56.6	53.8	50.9
5/11/2025	1:00 PM	60 minutes	66.8	66.8	45.4	103.4	74.2	66.1	61.8	57.8	53.6	50.7
5/11/2025	2:00 PM	60 minutes	55.9	55.9	45.4	81.5	64.7	59.4	56.5	54.9	52.6	50.3
5/11/2025	3:00 PM	60 minutes	57.8	57.8	46.7	91.8	65.6	60.2	57.6	56.4	53.7	51.3
5/11/2025	4:00 PM	60 minutes	57.8	57.8	46.2	89.9	67.2	60.5	57.8	56.1	53.5	50.8
5/11/2025	5:00 PM	60 minutes	57.6	57.6	46.0	91.1	64.6	59.1	57.3	56.2	54.3	52.4
5/11/2025	6:00 PM	60 minutes	55.9	55.9	44.6	83.2	64.1	59.6	56.6	54.6	52.2	49.9
5/11/2025	7:00 PM	60 minutes	58.4	63.4	46.1	86.4	67.1	62.7	60.4	58.1	53.3	49.8
5/11/2025	8:00 PM	60 minutes	56.1	61.1	47.8	88.7	62.8	56.9	55.4	54.6	52.7	50.8
5/11/2025	9:00 PM	60 minutes	50.5	55.5	46.7	66.7	53.8	52.0	51.3	50.8	50.1	49.1
5/11/2025	10:00 PM	60 minutes	50.4	60.4	44.1	79.1	54.0	52.0	51.1	50.6	49.7	48.4
5/11/2025	11:00 PM	60 minutes	49.7	59.7	44.1	66.7	53.8	52.0	51.0	50.2	49.0	47.7
5/11/2025	12:00 AM	60 minutes	49.4	59.4	44.7	64.7	53.0	51.5	50.7	50.2	48.9	47.2
5/12/2025	1:00 AM	60 minutes	48.5	58.5	43.5	63.0	51.9	50.5	49.5	49.0	48.0	46.6
5/12/2025	2:00 AM	60 minutes	51.7	61.7	42.7	78.0	59.5	56.2	54.3	51.0	48.2	45.7
5/12/2025	3:00 AM	60 minutes	48.2	58.2	42.7	66.0	52.5	50.5	49.5	48.8	47.3	45.7
5/12/2025	4:00 AM	60 minutes	51.0	61.0	43.3	72.9	55.4	52.5	52.1	51.7	50.7	48.8
5/12/2025	5:00 AM	60 minutes	53.2	63.2	45.3	71.4	58.9	56.5	54.9	53.7	51.5	49.6
5/12/2025	6:00 AM	60 minutes	54.6	64.6	46.5	83.4	62.5	57.8	55.6	54.2	52.1	50.4
5/12/2025	7:00 AM	60 minutes	56.3	56.3	47.1	76.7	64.9	60.8	57.6	55.4	52.3	50.3
5/12/2025	8:00 AM	60 minutes	77.6	77.6	47.1	107.7	88.5	84.1	67.2	63.3	54.5	50.1
5/12/2025	9:00 AM	60 minutes	52.1	52.1	45.8	70.2	57.6	55.3	53.8	52.7	50.6	48.9
5/12/2025	10:00 AM	60 minutes	58.6	58.6	46.5	88.5	66.9	64.1	61.7	58.0	51.8	49.5
5/12/2025	11:00 AM	60 minutes	51.6	51.6	46.8	70.6	56.0	53.4	52.5	52.0	50.9	49.3
5/12/2025	12:00 PM	60 minutes	55.3	55.3	46.4	82.7	62.8	59.4	57.2	55.5	51.8	49.2
5/12/2025	1:00 PM	60 minutes	54.1	54.1	45.9	74.4	61.3	57.8	55.6	54.3	51.6	49.2
5/12/2025	2:00 PM	60 minutes	55.5	55.5	45.4	90.8	61.6	58.0	56.1	54.8	52.6	49.2
5/12/2025	3:00 PM	60 minutes	54.8	54.8	44.6	75.5	62.0	58.6	56.6	55.2	52.3	49.3
5/12/2025	4:00 PM	60 minutes	54.6	54.6	44.8	76.7	62.4	58.8	56.7	54.1	51.4	48.9
5/12/2025	5:00 PM	60 minutes	56.3	56.3	45.6	77.9	63.4	60.0	58.1	56.8	54.0	51.0
5/12/2025	6:00 PM	60 minutes	55.9	55.9	48.4	71.1	61.5	58.8	57.4	56.5	54.6	52.3
5/12/2025	7:00 PM	60 minutes	54.7	59.7	45.7	73.0	62.3	58.6	55.9	54.3	52.1	50.0
5/12/2025	8:00 PM	60 minutes	52.2	57.2	46.0	72.1	58.3	55.6	53.6	52.4	50.6	48.8
5/12/2025	9:00 PM	60 minutes	49.5	54.5	45.2	66.8	53.4	51.4	50.5	49.9	48.9	47.7
5/12/2025	10:00 PM	60 minutes	51.2	61.2	45.1	69.9	56.8	54.0	52.7	51.8	49.7	48.1
5/12/2025	11:00 PM	60 minutes	51.4	61.4	42.8	81.1	57.9	54.8	53.1	51.8	49.1	46.6
5/12/2025	12:00 AM	60 minutes	48.5	58.5	42.4	80.0	53.0	50.0	48.9	48.4	47.4	46.1
5/13/2025	1:00 AM	60 minutes	48.0	58.0	42.5	66.6	51.8	49.9	49.1	48.6	47.4	46.0
5/13/2025	2:00 AM	60 minutes	47.1	57.1	43.0	62.1	50.7	48.7	48.0	47.6	46.7	45.4
5/13/2025	3:00 AM	60 minutes	47.1	57.1	42.2	72.2	50.8	48.8	47.8	47.4	46.5	45.6
5/13/2025	4:00 AM	60 minutes	48.9	58.9	44.5	75.3	52.9	49.9	49.2	48.9	48.2	47.2
5/13/2025	5:00 AM	60 minutes	53.9	63.9	45.1	71.0	60.3	57.4	55.7	54.5	52.0	50.0
5/13/2025	6:00 AM	60 minutes	54.9	64.9	47.5	75.8	63.4	58.1	55.9	54.5	52.5	50.6
5/13/2025	7:00 AM	60 minutes	57.1	57.1	46.2	78.4	67.0	61.0	58.4	56.4	51.9	49.6
5/13/2025	8:00 AM	60 minutes	56.4	56.4	45.3	84.9	66.9	59.9	55.8	53.9	51.1	49.0
5/13/2025	9:00 AM	44 minutes	60.7	60.7	46.4	96.7	69.4	63.1	60.4	58.5	54.9	50.2
5/13/2025	10:00 AM	60 minutes	57.6	57.6	45.4	81.2	67.2	61.4	58.3	56.4	53.3	50.1
5/13/2025	11:00 AM	60 minutes	57.9	57.9	45.5	88.1	67.4	61.2	58.1	56.0	53.0	50.2
5/13/2025	12:00 PM	60 minutes	57.7	57.7	45.4	85.0	67.0	61.9	58.9	57.0	53.1	49.7
5/13/2025	1:00 PM	60 minutes	57.6	57.6	46.3	92.1	66.3	60.3	57.7	56.0	53.0	50.2
5/13/2025	2:00 PM	60 minutes	57.4	57.4	48.5	84.4	66.2	60.6	58.1	56.5	54.3	52.2
5/13/2025	3:00 PM	60 minutes	56.7	56.7	47.6	87.5	65.1	59.9	56.8	55.4	53.3	51.3
5/13/2025	4:00 PM	60 minutes	55.8	55.8	46.5	83.7	63.8	58.3	56.2	55.0	53.1	51.0
5/13/2025	5:00 PM	60 minutes	56.8	56.8	49.5	83.7	62.8	58.8	57.6	56.9	55.7	54.0
5/13/2025	6:00 PM	60 minutes	59.0	59.0	48.8	87.0	67.2	63.1	60.3	57.0	54.2	52.1
5/13/2025	7:00 PM	60 minutes	56.2	61.2	47.3	86.4	63.5	59.0	57.3	55.9	53.2	51.0
5/13/2025	8:00 PM	60 minutes	53.6	58.6	48.1	71.8	59.1	56.0	54.4	53.6	52.5	51.1
5/13/2025	9:00 PM	60 minutes	51.3	56.3	45.6	74.5	55.4	53.1	52.2	51.6	50.6	49.4
5/13/2025	10:00 PM	60 minutes	52.7	62.7	44.1	78.0	59.2	56.4	54.7	53.5	50.3	47.7
5/13/2025	11:00 PM	60 minutes	48.3	58.3	43.1	76.2	55.0	50.1	48.7	48.1	47.2	45.9

5/13/2025	12:00 AM	60 minutes	48.0	58.0	43.3	64.0	52.0	49.6	48.7	48.2	47.4	46.4
5/14/2025	1:00 AM	60 minutes	49.5	59.5	41.8	68.3	54.2	52.6	51.5	50.5	48.2	46.0
5/14/2025	2:00 AM	60 minutes	46.2	56.2	40.9	60.4	49.1	47.9	47.4	46.9	45.9	44.4
5/14/2025	3:00 AM	60 minutes	47.2	57.2	42.6	68.9	53.0	48.8	47.6	47.2	46.4	45.2
5/14/2025	4:00 AM	60 minutes	48.8	58.8	44.0	62.6	51.8	50.3	49.6	49.2	48.4	47.2
5/14/2025	5:00 AM	60 minutes	53.1	63.1	46.7	75.3	59.6	56.3	54.3	53.0	51.3	50.0
5/14/2025	6:00 AM	60 minutes	51.8	61.8	47.5	67.9	55.8	53.5	52.6	52.1	51.2	50.0
5/14/2025	7:00 AM	60 minutes	50.1	50.1	46.3	70.2	54.0	51.6	50.8	50.3	49.5	48.4
5/14/2025	8:00 AM	60 minutes	55.6	55.6	44.9	86.7	64.3	59.9	57.2	54.3	49.8	47.6
5/14/2025	9:00 AM	60 minutes	61.7	61.7	43.4	87.8	69.2	65.8	62.8	61.0	59.2	57.2
(11 AM Sunday 5/11 to 11 AM Monday 5/12)	Daytime (7 AM to 7 PM)		67.5	--	44.6	107.7	78.2	73.6	60.4	57.5	53.2	50.6
	Evening (7 PM to 10 PM)		56.1	--	46.1	88.7	63.9	59.2	57.2	55.5	52.2	49.9
	Nighttime (10 PM to 7 AM)		51.2	--	42.7	83.4	57.3	54.1	52.7	51.4	49.8	48.1
	24-hour CNEL		--	65.4				-	-	-	-	-
(11 AM Monday 5/12 to 11 AM Tuesday 5/13)	Daytime (7 AM to 7 PM)		56.4	--	44.6	96.7	64.8	59.7	57.3	55.7	52.7	49.9
	Evening (7 PM to 10 PM)		52.6	--	45.2	73.0	59.4	56.1	53.9	52.6	50.7	48.9
	Nighttime (10 PM to 7 AM)		51.0	--	42.2	81.1	57.5	53.9	52.2	51.2	49.4	47.7
	24-hour CNEL		--	58.8				-	-	-	-	-
(11 AM Tuesday 5/13 to 10 AM Wednesday 5/14)	Daytime (7 AM to 7 PM)		57.2	--	43.4	92.1	65.5	60.8	58.1	56.2	53.9	51.8
	Evening (7 PM to 10 PM)		54.2	--	45.6	86.4	60.5	56.7	55.1	54.1	52.2	50.6
	Nighttime (10 PM to 7 AM)		50.1	--	40.9	78.0	55.6	52.8	51.4	50.5	48.9	47.4
	24-hour CNEL		--	59.0				-	-	-	-	-

Summary

File Name on Meter	Par_RL.001.s
File Name on PC	LxTse_0003790-20250511 091700-Par_RL.001.ldbin
Serial Number	0003790
Model	SoundExpert® LxT
Firmware Version	2.404
User	
Location	
Job Description	
Note	

Measurement

Description	Par Rail_ LT monitoring l3_____ 5/11/25
Start	2025-05-11 09:17:00
Stop	2025-05-14 09:05:52
Duration	71:48:52.594
Run Time	71:48:52.594
Pause	00:00:00.0
Pre-Calibration	2025-05-11 09:14:30
Post-Calibration	2025-05-14 09:06:37
Calibration Deviation	0.20 dB

Overall Settings

RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Fast		
Preamplifier	PRMLxT1L		
Microphone Correction	Off		
Integration Method	Exponential		
OBA Range	Normal		
OBA Bandwidth	1/1 and 1/3		
OBA Frequency Weighting	A Weighting		
OBA Max Spectrum	Bin Max		
Overload	122.8 dB		
	A	C	Z
Under Range Peak	79.4	76.4	81.4 dB
Under Range Limit	23.0	24.7	31.4 dB
Noise Floor	13.9	15.6	22.3 dB
	First	Second	Third
Instrument Identification	MIG		

Results

LAFeq	60.8 dB	
LAFE	114.9 dB	
EAF	34.536 mPa²h	
LApk (max)	2025-05-12 07:08:07	118.0 dB

LAFmax2025-05-12 07:08:07107.7 dB

LAFmin2025-05-14 01:41:2440.9 dB

SEA-99.9 dB

	Exceedance Counts	Duration
LAF > 90.0 dB	12	13.4 s
LAF > 80.0 dB	137	113.6 s
LApk > 115.0 dB	8	9.2 s
LApk > 135.0 dB	0	0.0 s
LApk > 140.0 dB	0	0.0 s

		LNight			LDay	LEvening	LNight
		LDay 07:00-22:00	22:00-07:00		07:00-19:00	19:00-22:00	22:00-07:00
Community Noise	LDN	62.3	62.7	LDEN	63.5	52.4	51.5

LCFeq68.2 dB

LAFeq60.8 dB

LCFeq - LAFeq7.4 dB

LALeq64.7 dB

LAeq60.8 dB

LALeq - LAeq3.9 dB

	A		C		Z	
	dB	Time Stamp	dB	Time	dB	Time Stamp
Leq	60.8					
LF(max)	107.7	25/05/12 7:08:07				
LF(min)	40.9	25/05/14 1:41:24				
Lpk(max)	118.0	25/05/12 7:08:07				

Overload Count

2

Overload Duration4.0 s

OBA Overload Count

2

OBA Overload Duration4.0 s

Ln Percentiles	
LAF 1.67	64.1 dB
LAF 8.34	56.9 dB
LAF 16.70	54.1 dB
LAF 25.00	52.8 dB
LAF 50.00	50.4 dB
LAF 90.00	46.6 dB

Calibration History									
Preamp	Date	dB re 1V/Pa	mV/Pa	6.3	8.0	10.0	12.5	16.0	
Direct	2020-01-28 06:13:43	-26.38	48.00	5.49	4.46	10.34	6.92	10.80	
Direct	2020-01-27 13:00:51	-29.00	35.47	9.03	6.22	7.00	1.95	4.33	
PRMLxT1L	2025-05-14 09:06:36	-29.08	35.17	58.25	58.87	53.06	56.59	58.55	
PRMLxT1L	2025-05-11 09:14:29	-29.28	34.36	63.81	60.25	55.05	59.19	54.35	
PRMLxT1L	2025-01-30 19:34:21	-29.35	34.08	3.21	7.61	34.89	42.46	53.55	
PRMLxT1L	2025-01-30 16:43:48	-29.39	33.91	62.26	77.29	55.23	60.97	51.44	
PRMLxT1L	2025-01-30 15:36:04	-29.31	34.23	10.33	30.24	34.72	44.36	51.02	
PRMLxT1L	2025-01-30 14:45:40	-29.27	34.38	69.59	83.13	69.90	63.99	59.37	
PRMLxT1L	2025-01-29 14:35:47	-29.22	34.59	51.56	66.26	89.30	79.53	78.40	
PRMLxT1L	2025-01-10 13:41:17	-29.11	35.03	2.98	14.80	51.99	63.20	65.30	
PRMLxT1L	2025-01-10 11:49:44	-29.17	34.80	62.04	55.41	56.94	64.86	66.17	
PRMLxT1L	2024-12-12 10:51:50	-28.96	35.67	52.26	61.63	47.35	39.75	46.94	
PRMLxT1L	2024-12-12 10:51:14	-28.96	35.64	47.00	50.60	48.85	48.87	38.15	
Unknown	2019-12-01 17:09:04	-28.99	35.52	24.90	23.87	23.25	22.18	25.52	

20.0	25.0	31.5	40.0	50.0	63.0	80.0	100	125	160	200	250	315
4.82	6.82	6.40	6.18	9.10	5.30	2.15	10.21	19.04	6.23	10.91	14.44	12.28
1.70	7.72	5.86	4.74	2.90	6.61	4.48	4.67	16.42	6.65	8.70	14.14	6.70
62.26	53.92	62.22	56.39	57.41	57.45	53.66	61.84	60.50	56.95	57.63	56.51	56.86
57.72	59.46	53.21	62.74	53.37	55.33	52.04	55.45	48.56	46.05	39.22	37.11	34.76
63.21	78.55	80.40	73.68	65.98	60.26	55.69	55.66	51.22	48.06	45.98	47.59	41.02
53.57	68.53	68.96	65.65	69.00	55.02	54.97	52.82	52.52	46.90	49.64	50.02	46.74
75.62	88.11	85.09	78.14	63.63	63.06	58.32	54.81	49.85	49.16	46.11	44.00	41.59
53.39	46.20	51.14	45.79	52.18	51.98	50.96	44.51	42.38	43.00	43.18	41.21	42.22
61.86	59.56	60.89	57.17	56.01	48.48	50.26	45.02	44.94	37.24	36.34	41.57	39.61
83.31	73.00	77.33	71.57	61.76	59.31	55.86	60.43	57.73	59.74	55.87	53.10	50.65
66.05	63.15	62.96	58.51	61.00	62.26	62.66	58.79	58.61	54.52	51.77	49.01	46.40
49.53	48.49	42.69	42.33	47.87	37.24	36.66	40.96	39.43	38.23	41.53	43.11	42.46
60.46	52.53	49.19	47.21	47.80	42.44	46.42	44.24	41.51	41.25	37.32	35.72	34.32
20.56	19.85	22.25	26.62	35.72	30.95	30.69	32.54	39.72	37.44	35.04	40.94	45.06

400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	6300
8.74	8.82	10.45	9.67	11.97	8.67	11.15	12.14	13.03	15.63	15.91	43.36	26.44
4.19	7.29	9.12	5.29	6.65	7.03	6.84	8.07	10.29	12.37	10.93	40.49	22.80
59.10	53.65	42.45	33.57	114.19	49.02	20.59	63.89	20.04	58.91	20.59	29.76	21.68
34.58	31.73	26.29	28.51	114.05	48.89	19.44	63.75	20.07	58.87	20.39	29.54	22.27
39.48	37.21	30.26	31.35	114.03	48.90	36.27	62.92	23.30	58.74	20.85	30.13	21.54
44.84	42.48	32.72	29.82	113.90	48.67	19.17	63.05	19.40	58.65	21.06	29.92	21.58
41.22	37.05	30.08	30.45	113.94	48.81	20.47	63.06	20.04	58.71	20.50	29.91	21.93
44.80	39.85	26.85	28.24	113.93	48.79	19.70	62.99	20.11	58.68	20.44	29.91	21.65
39.60	44.54	40.33	29.82	113.87	48.71	20.07	63.19	20.07	58.62	20.78	29.60	21.42
48.63	46.61	35.52	34.18	114.04	48.95	22.22	63.39	19.63	58.81	20.61	29.59	22.16
43.16	37.80	27.36	28.56	113.77	48.56	18.80	63.11	20.23	58.56	19.78	29.54	21.45
44.88	43.17	32.52	30.80	113.99	48.86	19.93	64.71	19.22	57.42	19.39	28.41	21.51
37.97	36.80	26.70	29.30	114.07	48.84	18.26	64.81	19.28	57.50	19.83	28.22	21.42
44.02	44.22	36.93	48.85	134.12	68.81	40.56	84.96	42.71	82.61	42.95	53.18	41.84

8000	10000	12500	16000	20000
19.09	19.49	23.11	21.68	22.79
15.62	16.55	19.36	18.39	19.50
23.14	24.44	26.34	28.61	31.45
23.12	24.73	26.36	28.78	30.92
23.27	25.40	26.26	28.39	31.53
22.96	24.67	25.94	28.28	31.10
22.67	24.79	26.35	29.51	31.50
22.67	24.03	26.07	28.16	31.29
22.62	24.19	26.21	28.66	31.35
23.07	24.58	26.41	28.95	31.49
22.74	23.99	26.25	28.27	30.98
22.67	24.23	26.27	28.46	31.25
22.97	24.76	26.56	28.80	31.29
41.93	42.22	42.62	42.23	41.72

Clearwater Specific Plan
 Paramount, CA
 Appendix: Ambient Noise Monitoring Data
 Prepared by MIG, May 2025

Table 3: Summary of Short-Term Noise Monitoring																
Site	Start Date	Start Time	Duration	L _{Aeq}	L _A max	L _A min	L _A 1%	L _A 2%	L _A 5%	L _A 8%	L _A 10%	L _A 25%	L _A 50%	L _A 90%	L _A 95%	L _A 99%
ST-1	5/13/2025	10:56 AM	60 minutes	70.8	93.7	54.7	75.4	75.3	74.9	74.6	74.3	72.4	69.2	66.3	65.8	65.6
ST-2	5/13/2025	12:26 PM	60 minutes	70.9	87.1	47.9	75.3	75.3	74.9	74.5	74.2	72.2	69.9	66.1	65.5	65.2
ST-3	5/13/2025	2:11 PM	60 minutes	73.1	97.3	60.9	77.6	77.5	77.2	76.8	76.5	74.4	71.7	69.0	68.7	68.4

Date/Time Vert at 14:34:50 May 13, 2025
Trigger Source Geo: 0.050 in/s
Range Geo: 10.000 in/s
Record Time 10.344 sec (Auto=9Sec) at 2048 sps
Operator/Setup: Operator/PARAMOU.MMB

Serial Number UM19315 V 11-0AK Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration January 10, 2025 by InstanTEL
File Name UM19315_20250513143450.IDFW

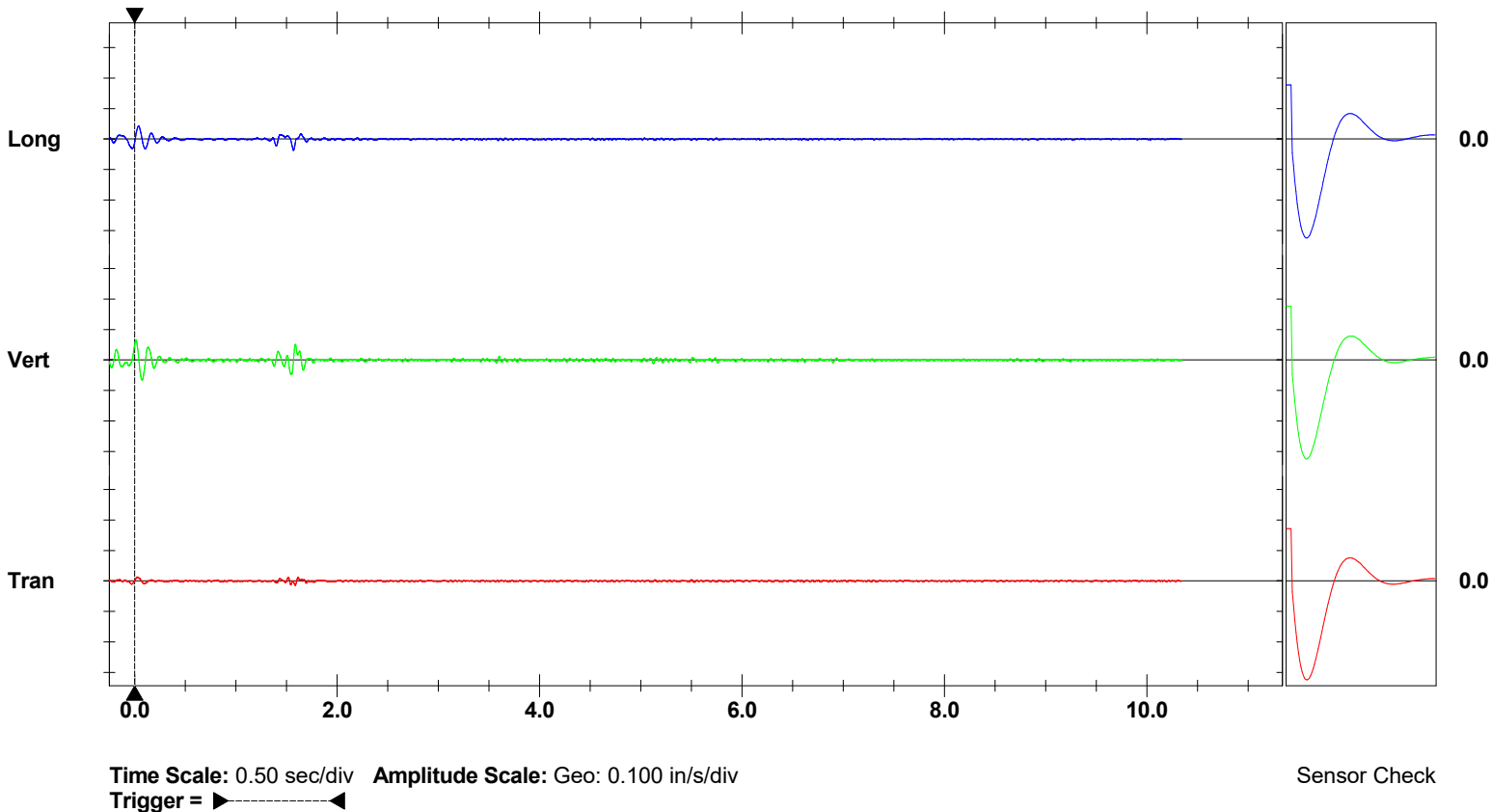
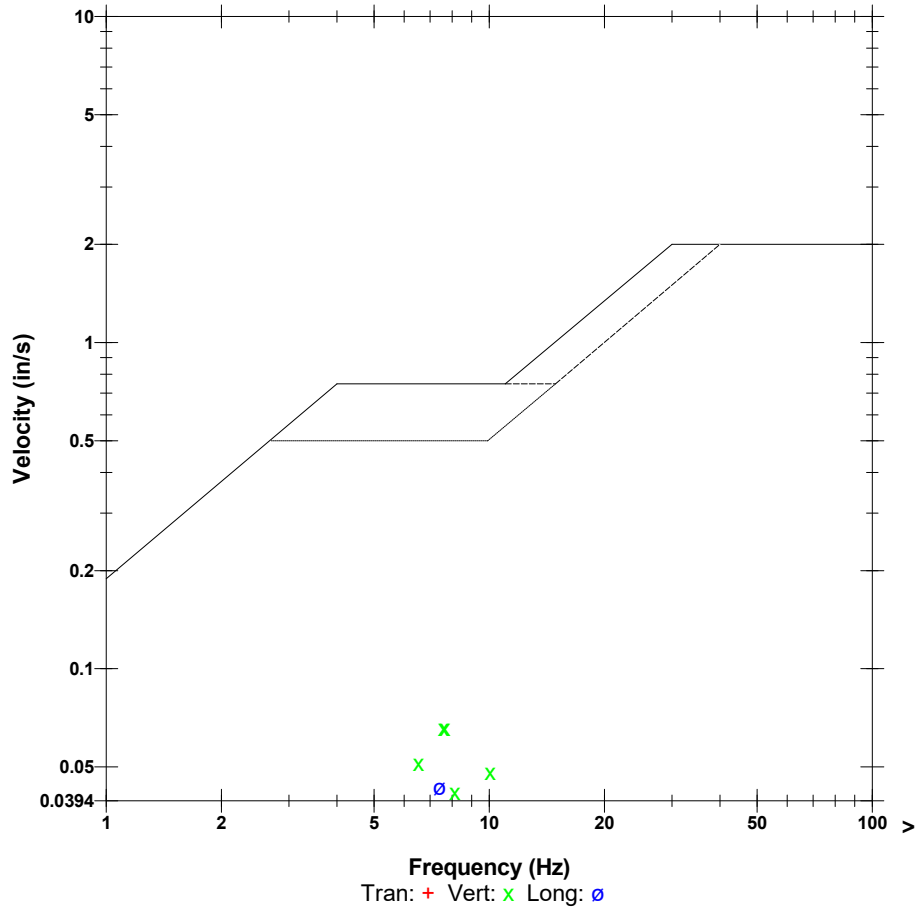
Notes

Location: RAIL
 Client:
 User Name: MIG
 General:

	Tran	Vert	Long	
PPV	0.015	0.066	0.043	in/s
ZC Freq	7.2	7.6	7.4	Hz
Time (Rel. to Trig)	1.587	0.014	0.039	sec
Peak Acceleration	0.012	0.015	0.013	g
Peak Displacement	0.000	0.001	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.5	7.5	Hz
Overswing Ratio	4.3	4.1	3.9	

Peak Vector Sum 0.069 in/s at 0.014 sec

USBM RI8507 And OSMRE



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