

Appendix G

Noise Measurement Results

Spartan 730 Summary

Measurement Notes	
User	Sapphos Environmental, Inc.
Location	City of Placentia - Atwood Multipurpose Trail Project
Job Description	Noise Measurements
Note	

Virtual Dosimeters					
	1	2	3	4	
	Atwood Multipurpose Trail Project	CUSTOM2	CUSTOM3	CUSTOM4	
Dose	0.0%	0.0%	0.0%	0.0%	0.0%
Projected Dose	1.8%	0.0%	0.2%	0.2%	0.2%
Lavg	54.0 dB	---	58.3 dB	58.3 dB	58.3 dB
TWA(8)	29.0 dB	---	43.2 dB	43.2 dB	43.2 dB
Projected TWA(8)	56.9 dB	---	58.3 dB	58.3 dB	58.3 dB
Criterion Level	86.0 dB	90.0 dB	85.0 dB	85.0 dB	85.0 dB
Threshold Level	75.0 dB	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	3.0 dB	3.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	53.7 dB	53.7 dB	53.7 dB	53.7 dB	53.7 dB
Projected LEP'd/Lex,8h	70.6 dB	68.8 dB	68.8 dB	68.8 dB	68.8 dB

Overall Measurement		
Start Time	2022-01-26 09:35:36	
Stop Time	2022-01-26 09:50:36	
Run Time	00:15:00	
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---)	2022-01-26 10:29:04
Pre-Sensitivity	-39.3 dB	
Post-Calibration Deviation (Cal Lvl)	---(---)	---
Post-Sensitivity	---	
Motion Percentage	0.0%	
LAeq	68.8 dB	
LCpeak	105.1 dB	2022-01-26 09:39:26
LASmax	84.1 dB	2022-01-26 09:46:13
LAFmax	89.3 dB	2022-01-26 09:50:23
Overload Count	0	
Overload Duration	00:00:00	

Meter General Information	
Serial Number	10382
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-39.3 dB

Any Data									
	A			C			Z		
L _ω eq	68.8 dB			80.1 dB			83.0 dB		
L _ω peak	101.1 dB	09:50:23		105.1 dB	09:39:26		108.2 dB	09:39:26	
L _ω Smin	59.0 dB	09:48:06		71.1 dB	09:49:59		72.9 dB	09:49:58	
L _ω Smax	84.1 dB	09:46:13		92.9 dB	09:39:25		94.7 dB	09:39:26	
L _ω Fmin	57.7 dB	09:39:11		69.3 dB	09:49:58		70.8 dB	09:49:58	
L _ω Fmax	89.3 dB	09:50:23		94.2 dB	09:39:25		97.8 dB	09:39:26	
L _ω lmin	60.3 dB	09:48:06		73.3 dB	09:49:59		75.6 dB	09:49:58	
L _ω lmax	91.6 dB	09:50:23		98.3 dB	09:39:26		101.8 dB	09:39:26	

ω represents frequency weighting (A, C or Z)

SEL	98.3 dB
E (Pa ² s)	2.7 Pa ² s
E8 (Pa ² s)	87.1 Pa ² s
E40 (Pa ² s)	435.4 Pa ² s
E (Pa ² h)	0.0 Pa ² h
E8 (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.1 Pa ² h
LCeq - LAeq	11.3 dB

	Count	Duration
LAS > 75 dB	9	54
LAS > 86 dB	0	0
LCPk > 80 dB	1	899
LCPk > 81 dB	1	899
LCPk > 86 dB	7	867

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1	2	3	4
	Atwood Multipurpose Trail Project	OSHA-PEL	CUSTOM3	CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	--- dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	--- dB	--- dB	--- dB	--- dB
Criterion Level	86.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	75.0 dB	90.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	42.9 dB	42.9 dB	42.9 dB	42.9 dB
Projected LEP'd/Lex,8h	59.8 dB	58.0 dB	58.0 dB	58.0 dB

Overall Measurement

Start Time	2022-01-26 09:55:43	
Stop Time	2022-01-26 10:10:43	
Run Time	00:15:00	
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---)	2066-01-01 08:53:05
Pre-Sensitivity	-42.8 dB	
Post-Calibration Deviation (Cal Lvl)	---(---)	---
Post-Sensitivity	---	
Motion Percentage	0.0%	
LAeq	58.0 dB	
LCpeak	106.2 dB	2022-01-26 10:08:24
LASmax	69.7 dB	2022-01-26 10:08:24
LAFmax	76.3 dB	2022-01-26 10:08:24
Overload Count	0	
Overload Duration	00:00:00	

Meter General Information

Serial Number	10381
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-42.8 dB

Any Data

	A		C		Z	
	58.0 dB		76.1 dB		81.0 dB	
Lw _{eq}						
Lw _{peak}	90.1 dB	10:08:24	106.2 dB	10:08:24	109.1 dB	10:08:16
Lw _{Smin}	51.6 dB	10:03:50	63.8 dB	10:04:27	66.3 dB	10:04:27
Lw _{Smax}	69.7 dB	10:08:24	88.5 dB	10:08:24	95.7 dB	10:08:16
Lw _{Fmin}	50.8 dB	10:05:35	62.5 dB	10:03:47	64.6 dB	10:03:48
Lw _{Fmax}	76.3 dB	10:08:24	94.1 dB	10:08:24	101.3 dB	10:08:16
Lw _{Imin}	52.7 dB	10:03:48	66.3 dB	10:05:35	69.1 dB	10:04:27
Lw _{Imax}	80.0 dB	10:08:24	97.6 dB	10:08:15	105.4 dB	10:08:16

ω represents frequency weighting (A, C or Z)

SEL	87.5 dB
E (Pa ² s)	0.2 Pa ² s
EB (Pa ² s)	7.3 Pa ² s
E40 (Pa ² s)	36.4 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	18.1 dB

	Count	Duration
LAS > 75 dB	0	0
LAS > 86 dB	0	0
LCpk > 80 dB	13	730
LCpk > 81 dB	12	714
LCpk > 86 dB	36	464

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	--- dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	--- dB	--- dB	--- dB	--- dB
Criterion Level	86.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	75.0 dB	90.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	3.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	52.4 dB	52.4 dB	52.4 dB	52.4 dB
Projected LEP'd/Lex,8h	69.3 dB	67.5 dB	67.5 dB	67.5 dB

Overall Measurement

Start Time	2022-01-26 09:58:25	
Stop Time	2022-01-26 10:13:25	
Run Time	00:15:00	
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---)	2022-01-26 10:29:04
Pre-Sensitivity	-39.3 dB	
Post-Calibration Deviation (Cal Lvl)	---(---)	---
Post-Sensitivity	---	
Motion Percentage	0.0%	
LAeq	67.5 dB	
LCpeak	108.2 dB	2022-01-26 10:10:44
LASmax	74.6 dB	2022-01-26 10:10:45
LAfmax	77.9 dB	2022-01-26 10:10:44
Overload Count	0	
Overload Duration	00:00:00	

Meter General Information

Serial Number	10382
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-39.3 dB

Any Data

	A		C		Z	
Lw _{eq}	67.5 dB		80.8 dB		86.7 dB	
Lw _{peak}	90.3 dB	10:10:44	108.2 dB	10:10:44	112.5 dB	10:11:18
Lw _{Smin}	64.8 dB	10:03:41	72.5 dB	10:04:27	73.0 dB	10:05:44
Lw _{Smax}	74.6 dB	10:10:45	95.3 dB	10:10:45	99.7 dB	10:10:45
Lw _{Fmin}	63.4 dB	10:05:28	69.9 dB	10:06:29	70.6 dB	10:04:04
Lw _{Fmax}	77.9 dB	10:10:44	99.8 dB	10:10:45	105.0 dB	10:11:16
Lw _{Lmin}	66.0 dB	10:06:15	74.1 dB	10:05:44	74.6 dB	10:05:44
Lw _{Lmax}	81.3 dB	10:10:44	102.4 dB	10:10:45	108.4 dB	10:11:15

ω represents frequency weighting (A, C or Z)

SEL	97.0 dB
E (Pa ² s)	2.0 Pa ² s
EB (Pa ² s)	64.1 Pa ² s
E40 (Pa ² s)	320.3 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.1 Pa ² h
LC _{eq} - LA _{eq}	13.3 dB

	Count	Duration
LAS > 75 dB	0	0
LAS > 86 dB	0	0
LCPk > 80 dB	0	900
LCPk > 81 dB	0	900
LCPk > 86 dB	5	895

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	--- dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	--- dB	--- dB	--- dB	--- dB
Criterion Level	90.0 dB	85.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	39.8 dB	39.8 dB	39.8 dB	39.8 dB
Projected LEP'd/Lex,8h	54.9 dB	54.9 dB	54.9 dB	54.9 dB

Overall Measurement

Start Time	2022-01-26 10:01:44	
Stop Time	2022-01-26 10:16:44	
Run Time	00:15:00	
Pre-Calibration Deviation (Cal Lvl)	0.84 dB (114.0 dB)	2022-01-26 09:28:22
Pre-Sensitivity	-39.5 dB	
Post-Calibration Deviation (Cal Lvl)	---(---)	---
Post-Sensitivity	---	
Motion Percentage	0.0%	
LAeq	54.9 dB	
LCpeak	106.7 dB	2022-01-26 10:11:01
LASmax	73.6 dB	2022-01-26 10:11:01
LAFmax	77.3 dB	2022-01-26 10:11:00
Overload Count	0	
Overload Duration	00:00:00	

Meter General Information

Serial Number	10383
Model	730
Hardware Version	A
Firmware Version	1.107
Sensitivity (dB re. 1V/Pa)	-39.5 dB

Any Data

	A		C		Z	
L _w eq	54.9 dB		75.3 dB		82.4 dB	
L _w peak	91.0 dB	10:11:00	106.7 dB	10:11:01	109.5 dB	10:10:40
L _w Smin	48.3 dB	10:06:17	61.9 dB	10:04:21	65.2 dB	10:04:00
L _w Smax	73.6 dB	10:11:01	91.1 dB	10:11:01	97.7 dB	10:11:01
L _w Fmin	47.6 dB	10:06:14	60.6 dB	10:04:18	63.4 dB	10:04:18
L _w Fmax	77.3 dB	10:11:00	94.5 dB	10:11:00	102.1 dB	10:07:48
L _w lmin	49.4 dB	10:06:13	64.3 dB	10:04:00	67.6 dB	10:04:00
L _w lmax	80.2 dB	10:11:01	97.4 dB	10:11:01	105.1 dB	10:07:48

ω represents frequency weighting (A, C or Z)

SEL	84.4 dB
E (Pa ² s)	0.1 Pa ² s
E8 (Pa ² s)	3.5 Pa ² s
E40 (Pa ² s)	17.7 Pa ² s
E (Pa ² h)	0.0 Pa ² h
E8 (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LCeq - LAeq	20.4 dB

	Count	Duration
LAS > 85 dB	0	0
LAS > 95 dB	0	0
LCPk > 135 dB	0	0
LCPk > 137 dB	0	0
LCPk > 140 dB	0	0

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	--- dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	--- dB	--- dB	--- dB	--- dB
Criterion Level	90.0 dB	85.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	40.8 dB	40.8 dB	40.8 dB	40.8 dB
Projected LEP'd/Lex,8h	55.9 dB	55.9 dB	55.9 dB	55.9 dB

Overall Measurement

Start Time	2022-01-26 10:25:02		
Stop Time	2022-01-26 10:40:02		
Run Time	00:15:00		
Pre-Calibration Deviation (Cal Lvl)	0.84 dB (114.0 dB)	2022-01-26 09:28:22	
Pre-Sensitivity	-39.5 dB		
Post-Calibration Deviation (Cal Lvl)	---(---	---	
Post-Sensitivity	---		
Motion Percentage	0.0%		
LAeq	55.9 dB		
LCpeak	108.6 dB	2022-01-26 10:38:08	
LASmax	71.3 dB	2022-01-26 10:38:08	
LAFmax	76.7 dB	2022-01-26 10:38:08	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10383
Model	730
Hardware Version	A
Firmware Version	1.107
Sensitivity (dB re. 1V/Pa)	-39.5 dB

Any Data

	A		C		Z	
Lw _{eq}	55.9 dB		78.0 dB		87.1 dB	
Lw _{peak}	88.6 dB	10:38:08	108.6 dB	10:38:08	112.6 dB	10:38:08
Lw _{Smin}	49.0 dB	10:33:04	60.8 dB	10:29:58	64.0 dB	10:30:15
Lw _{Smax}	71.3 dB	10:38:08	93.4 dB	10:38:08	100.6 dB	10:38:08
Lw _{Fmin}	48.4 dB	10:32:48	58.3 dB	10:32:48	62.0 dB	10:32:48
Lw _{Fmax}	76.7 dB	10:38:08	98.4 dB	10:38:08	104.7 dB	10:38:08
Lw _{Imin}	49.8 dB	10:33:04	63.3 dB	10:30:12	66.7 dB	10:30:15
Lw _{Imax}	79.0 dB	10:38:08	101.6 dB	10:38:08	108.2 dB	10:38:08

ω represents frequency weighting (A, C or Z)

SEL	85.4 dB
E (Pa ² s)	0.1 Pa ² s
E8 (Pa ² s)	4.5 Pa ² s
E40 (Pa ² s)	22.3 Pa ² s
E (Pa ² h)	0.0 Pa ² h
E8 (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	22.1 dB

	Count	Duration
LAS > 85 dB	0	0
LAS > 95 dB	0	0
LCPk > 135 dB	0	0
LCPk > 137 dB	0	0
LCPk > 140 dB	0	0

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	--- dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	--- dB	--- dB	--- dB	--- dB
Criterion Level	90.0 dB	85.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	43.9 dB	43.9 dB	43.9 dB	43.9 dB
Projected LEP'd/Lex,8h	59.0 dB	59.0 dB	59.0 dB	59.0 dB

Overall Measurement

Start Time	2022-01-26 10:29:15
Stop Time	2022-01-26 10:44:15
Run Time	00:15:00
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---) 2022-01-26 10:24:30
Pre-Sensitivity	-42.6 dB
Post-Calibration Deviation (Cal Lvl)	---(---) ---
Post-Sensitivity	---
Motion Percentage	0.0%
LAeq	59.0 dB
LCpeak	109.0 dB 2022-01-26 10:40:21
LASmax	72.6 dB 2022-01-26 10:41:58
LAFmax	78.4 dB 2022-01-26 10:32:16
Overload Count	0
Overload Duration	00:00:00

Meter General Information

Serial Number	10385
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-42.6 dB

Any Data

	A	C	Z
L _w eq	59.0 dB	78.7 dB	87.4 dB
L _w peak	96.7 dB 10:39:42	109.0 dB 10:40:21	113.6 dB 10:40:21
L _w Smin	51.0 dB 10:32:00	61.4 dB 10:29:54	65.1 dB 10:30:38
L _w Smax	72.6 dB 10:41:58	93.1 dB 10:40:21	101.4 dB 10:40:21
L _w Fmin	49.8 dB 10:32:21	59.7 dB 10:29:54	62.8 dB 10:30:38
L _w Fmax	78.4 dB 10:32:16	100.0 dB 10:40:21	107.2 dB 10:40:21
L _w lmin	52.1 dB 10:32:00	63.7 dB 10:29:54	70.1 dB 10:30:39
L _w lmax	81.8 dB 10:32:16	103.3 dB 10:40:21	109.9 dB 10:40:21

ω represents frequency weighting (A, C or Z)

SEL	88.5 dB
E (Pa ² s)	0.3 Pa ² s
EB (Pa ² s)	9.1 Pa ² s
E40 (Pa ² s)	45.4 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	19.7 dB

	Count	Duration
LAS > 85 dB	0	0
LAS > 95 dB	0	0
LCPk > 135 dB	0	0
LCPk > 137 dB	0	0
LCPk > 140 dB	0	0

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	--- dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	--- dB	--- dB	--- dB	--- dB
Criterion Level	90.0 dB	85.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	49.6 dB	49.6 dB	49.6 dB	49.6 dB
Projected LEP'd/Lex,8h	64.7 dB	64.7 dB	64.7 dB	64.7 dB

Overall Measurement

Start Time	2022-01-26 10:48:13		
Stop Time	2022-01-26 11:03:13		
Run Time	00:15:00		
Pre-Calibration Deviation (Cal Lvl)	0.84 dB (114.0 dB)	2022-01-26 09:28:22	
Pre-Sensitivity	-39.5 dB		
Post-Calibration Deviation (Cal Lvl)	---(---) ---		
Post-Sensitivity	---		
Motion Percentage	0.0%		
LAeq	64.7 dB		
LCpeak	113.8 dB	2022-01-26 10:56:58	
LASmax	77.2 dB	2022-01-26 11:01:41	
LAfmax	81.1 dB	2022-01-26 10:56:58	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10383
Model	730
Hardware Version	A
Firmware Version	1.107
Sensitivity (dB re. 1V/Pa)	-39.5 dB

Any Data

	A		C		Z	
Lw _{eq}	64.7 dB		83.1 dB		89.3 dB	
Lw _{peak}	98.2 dB	10:56:58	113.8 dB	10:56:58	119.0 dB	10:56:58
Lw _{Smin}	50.1 dB	10:54:47	62.0 dB	10:54:49	67.0 dB	10:54:48
Lw _{Smax}	77.2 dB	11:01:41	97.1 dB	10:56:58	103.0 dB	10:56:58
Lw _{Fmin}	49.6 dB	10:54:47	60.3 dB	10:54:49	64.2 dB	10:54:48
Lw _{Fmax}	81.1 dB	10:56:58	102.3 dB	10:56:58	108.0 dB	10:56:58
Lw _{Lmin}	51.1 dB	10:54:47	64.5 dB	10:54:48	71.3 dB	10:54:48
Lw _{Lmax}	85.1 dB	10:56:58	106.2 dB	10:56:58	111.1 dB	10:56:58

ω represents frequency weighting (A, C or Z)

SEL	94.2 dB
E (Pa ² s)	1.1 Pa ² s
EB (Pa ² s)	33.7 Pa ² s
E40 (Pa ² s)	168.4 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	18.4 dB

	Count	Duration
LAS > 85 dB	0	0
LAS > 95 dB	0	0
LCPk > 135 dB	0	0
LCPk > 137 dB	0	0
LCPk > 140 dB	0	0

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	--- dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	--- dB	--- dB	--- dB	--- dB
Criterion Level	90.0 dB	85.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	49.6 dB	49.6 dB	49.6 dB	49.6 dB
Projected LEP'd/Lex,8h	64.7 dB	64.7 dB	64.7 dB	64.7 dB

Overall Measurement

Start Time	2022-01-26 10:48:13		
Stop Time	2022-01-26 11:03:13		
Run Time	00:15:00		
Pre-Calibration Deviation (Cal Lvl)	0.84 dB (114.0 dB)	2022-01-26 09:28:22	
Pre-Sensitivity	-39.5 dB		
Post-Calibration Deviation (Cal Lvl)	---(---) ---		
Post-Sensitivity	---		
Motion Percentage	0.0%		
LAeq	64.7 dB		
LCpeak	113.8 dB	2022-01-26 10:56:58	
LASmax	77.2 dB	2022-01-26 11:01:41	
LAfmax	81.1 dB	2022-01-26 10:56:58	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10383
Model	730
Hardware Version	A
Firmware Version	1.107
Sensitivity (dB re. 1V/Pa)	-39.5 dB

Any Data

	A		C		Z	
Lw _{eq}	64.7 dB		83.1 dB		89.3 dB	
Lw _{peak}	98.2 dB	10:56:58	113.8 dB	10:56:58	119.0 dB	10:56:58
Lw _{Smin}	50.1 dB	10:54:47	62.0 dB	10:54:49	67.0 dB	10:54:48
Lw _{Smax}	77.2 dB	11:01:41	97.1 dB	10:56:58	103.0 dB	10:56:58
Lw _{Fmin}	49.6 dB	10:54:47	60.3 dB	10:54:49	64.2 dB	10:54:48
Lw _{Fmax}	81.1 dB	10:56:58	102.3 dB	10:56:58	108.0 dB	10:56:58
Lw _{Lmin}	51.1 dB	10:54:47	64.5 dB	10:54:48	71.3 dB	10:54:48
Lw _{Lmax}	85.1 dB	10:56:58	106.2 dB	10:56:58	111.1 dB	10:56:58

ω represents frequency weighting (A, C or Z)

SEL	94.2 dB
E (Pa ² s)	1.1 Pa ² s
EB (Pa ² s)	33.7 Pa ² s
E40 (Pa ² s)	168.4 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	18.4 dB

	Count	Duration
LAS > 85 dB	0	0
LAS > 95 dB	0	0
LCPk > 135 dB	0	0
LCPk > 137 dB	0	0
LCPk > 140 dB	0	0

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.1%	0.0%	0.0%	0.0%
Projected Dose	3.8%	0.0%	0.4%	0.4%
Lavg	59.4 dB	---	61.1 dB	61.1 dB
TWA(8)	34.4 dB	---	46.0 dB	46.0 dB
Projected TWA(8)	62.3 dB	---	61.1 dB	61.1 dB
Criterion Level	86.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	75.0 dB	90.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	3.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	55.1 dB	55.1 dB	55.1 dB	55.1 dB
Projected LEP'd/Lex,8h	72.0 dB	70.2 dB	70.2 dB	70.2 dB

Overall Measurement

Start Time	2022-01-26 10:52:19		
Stop Time	2022-01-26 11:07:19		
Run Time	00:15:00		
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---)	2022-01-26 10:29:04	
Pre-Sensitivity	-39.3 dB		
Post-Calibration Deviation (Cal Lvl)	---(---)	---	
Post-Sensitivity	---		
Motion Percentage	0.0%		
LAeq	70.2 dB		
LCpeak	116.8 dB	2022-01-26 10:56:08	
LASmax	85.0 dB	2022-01-26 10:56:08	
LAfmax	88.7 dB	2022-01-26 10:56:08	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10382
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-39.3 dB

Any Data

	A		C		Z	
Lw _{eq}	70.2 dB		87.9 dB		92.5 dB	
Lw _{peak}	100.1 dB	10:56:08	116.8 dB	10:56:08	119.0 dB	10:56:37
Lw _{Smin}	51.5 dB	10:54:26	62.3 dB	10:54:25	64.7 dB	10:54:26
Lw _{Smax}	85.0 dB	10:56:08	103.7 dB	10:56:37	108.1 dB	10:56:37
Lw _{Fmin}	50.9 dB	10:54:25	60.9 dB	10:54:23	63.0 dB	10:54:25
Lw _{Fmax}	88.7 dB	10:56:08	107.6 dB	10:56:37	111.6 dB	10:56:37
Lw _{Lmin}	52.5 dB	10:54:21	64.1 dB	10:54:25	67.5 dB	10:54:26
Lw _{Lmax}	90.7 dB	10:56:08	110.2 dB	10:56:37	114.6 dB	10:56:37

ω represents frequency weighting (A, C or Z)

SEL	99.7 dB
E (Pa ² s)	3.7 Pa ² s
EB (Pa ² s)	119.3 Pa ² s
E40 (Pa ² s)	596.5 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.2 Pa ² h
LC _{eq} - LA _{eq}	17.7 dB

	Count	Duration
LAS > 75 dB	17	108
LAS > 86 dB	0	0
LCPk > 80 dB	4	889
LCPk > 81 dB	6	882
LCPk > 86 dB	12	830

Spartan 730 Summary

Measurement Notes

User	Sapphos Environmental, Inc.
Location	City of Placentia - Atwood Multipurpose Trail Project
Job Description	Noise Measurements
Note	

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.8%	0.0%	0.1%	0.1%
Lavg	48.1 dB	---	53.2 dB	53.2 dB
TWA(8)	23.1 dB	---	38.1 dB	38.1 dB
Projected TWA(8)	51.0 dB	---	53.2 dB	53.2 dB
Criterion Level	86.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	75.0 dB	90.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	3.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	52.3 dB	52.3 dB	52.3 dB	52.3 dB
Projected LEP'd/Lex,8h	69.2 dB	67.4 dB	67.4 dB	67.4 dB

Overall Measurement

Start Time	2022-01-26 11:13:20	
Stop Time	2022-01-26 11:28:20	
Run Time	00:15:00	
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---)	2022-01-26 10:29:04
Pre-Sensitivity	-39.3 dB	
Post-Calibration Deviation (Cal Lvl)	---(---	---
Post-Sensitivity	---	
Motion Percentage	0.0%	
LAeq	67.4 dB	
LCpeak	114.1 dB	2022-01-26 11:20:14
LASmax	81.1 dB	2022-01-26 11:18:03
LAFmax	85.0 dB	2022-01-26 11:18:02
Overload Count	0	
Overload Duration	00:00:00	

Meter General Information

Serial Number	10382
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-39.3 dB

Any Data

	A		C		Z	
Lw _{eq}	67.4 dB		88.2 dB		95.6 dB	
Lw _{peak}	98.8 dB	11:18:02	114.1 dB	11:20:14	117.6 dB	11:20:14
Lw _{Smin}	53.7 dB	11:13:52	68.1 dB	11:15:09	72.8 dB	11:17:24
Lw _{Smax}	81.1 dB	11:18:03	100.2 dB	11:20:14	105.6 dB	11:20:16
Lw _{Fmin}	53.0 dB	11:13:52	64.6 dB	11:15:08	69.4 dB	11:15:07
Lw _{Fmax}	85.0 dB	11:18:02	105.0 dB	11:18:09	109.8 dB	11:18:09
Lw _{Imin}	55.0 dB	11:15:32	72.1 dB	11:17:24	78.7 dB	11:17:24
Lw _{Imax}	87.4 dB	11:18:02	108.4 dB	11:18:09	113.4 dB	11:18:09

ω represents frequency weighting (A, C or Z)

SEL	96.9 dB
E (Pa ² s)	2.0 Pa ² s
EB (Pa ² s)	62.8 Pa ² s
E40 (Pa ² s)	314.2 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.1 Pa ² h
LC _{eq} - LA _{eq}	20.8 dB

	Count	Duration
LAS > 75 dB	9	36
LAS > 86 dB	0	0
LCPk > 80 dB	0	900
LCPk > 81 dB	0	900
LCPk > 86 dB	8	876

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1	2	3	4
	Atwood Multipurpose Trail Project	CUSTOM2	CUSTOM3	CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.7%	0.7%	0.7%
Lavg	--- dB	49.0 dB	63.4 dB	63.4 dB
TWA(8)	--- dB	24.0 dB	48.3 dB	48.3 dB
Projected TWA(8)	--- dB	49.0 dB	63.4 dB	63.4 dB
Criterion Level	90.0 dB	85.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	58.1 dB	58.1 dB	58.1 dB	58.1 dB
Projected LEP'd/Lex,8h	73.2 dB	73.2 dB	73.2 dB	73.2 dB

Overall Measurement

Start Time	2022-01-26 11:16:26		
Stop Time	2022-01-26 11:31:25		
Run Time	00:14:59		
Pre-Calibration Deviation (Cal Lvl)	0.84 dB (114.0 dB)	2022-01-26 09:28:22	
Pre-Sensitivity	-39.5 dB		
Post-Calibration Deviation (Cal Lvl)	---(---)	---	
Post-Sensitivity	---		
Motion Percentage	3.4%		
LAeq	73.2 dB		
LCpeak	114.5 dB	2022-01-26 11:30:12	
LASmax	88.0 dB	2022-01-26 11:29:20	
LAFmax	91.3 dB	2022-01-26 11:30:12	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10383
Model	730
Hardware Version	A
Firmware Version	1.107
Sensitivity (dB re. 1V/Pa)	-39.5 dB

Any Data

	A		C		Z	
Lw _{eq}	73.2 dB		86.3 dB		94.1 dB	
Lw _{peak}	117.7 dB	11:30:12	114.5 dB	11:30:12	116.8 dB	11:20:03
Lw _{Smin}	57.2 dB	11:17:00	71.5 dB	11:31:07	77.2 dB	11:30:41
Lw _{Smax}	88.0 dB	11:29:20	95.9 dB	11:18:43	103.8 dB	11:18:43
Lw _{Fmin}	56.3 dB	11:17:05	68.5 dB	11:30:35	72.7 dB	11:31:19
Lw _{Fmax}	91.3 dB	11:30:12	100.5 dB	11:20:03	107.7 dB	11:20:03
Lw _{Lmin}	58.1 dB	11:16:52	73.8 dB	11:31:07	81.3 dB	11:30:40
Lw _{Lmax}	95.9 dB	11:30:12	103.4 dB	11:20:03	111.4 dB	11:22:20

ω represents frequency weighting (A, C or Z)

SEL	102.7 dB
E (Pa ² s)	7.4 Pa ² s
EB (Pa ² s)	238.4 Pa ² s
E40 (Pa ² s)	1191.8 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.1 Pa ² h
E40 (Pa ² h)	0.3 Pa ² h
LC _{eq} - LA _{eq}	13.1 dB

	Count	Duration
LAS > 85 dB	1	4
LAS > 95 dB	0	0
LCPk > 135 dB	0	0
LCPk > 137 dB	0	0
LCPk > 140 dB	0	0

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1	2	3	4
	Atwood Multipurpose Trail Project	CUSTOM2	CUSTOM3	CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.1%	0.1%	0.1%
Lavg	--- dB	35.4 dB	53.7 dB	53.7 dB
TWA(8)	--- dB	10.4 dB	38.6 dB	38.6 dB
Projected TWA(8)	--- dB	35.4 dB	53.7 dB	53.7 dB
Criterion Level	90.0 dB	85.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	50.0 dB	50.0 dB	50.0 dB	50.0 dB
Projected LEP'd/Lex,8h	65.1 dB	65.1 dB	65.1 dB	65.1 dB

Overall Measurement

Start Time	2022-01-26 11:31:31		
Stop Time	2022-01-26 11:46:31		
Run Time	00:15:00		
Pre-Calibration Deviation (Cal Lvl)	0.84 dB (114.0 dB)	2022-01-26 09:28:22	
Pre-Sensitivity	-39.5 dB		
Post-Calibration Deviation (Cal Lvl)	---(---	---	
Post-Sensitivity	---		
Motion Percentage	0.0%		
LAeq	65.1 dB		
LCpeak	111.8 dB	2022-01-26 11:40:13	
LASmax	82.8 dB	2022-01-26 11:37:58	
LAfmax	85.9 dB	2022-01-26 11:37:58	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10383
Model	730
Hardware Version	A
Firmware Version	1.107
Sensitivity (dB re. 1V/Pa)	-39.5 dB

Any Data

	A		C		Z	
Lw _{eq}	65.1 dB		82.7 dB		91.4 dB	
Lw _{peak}	97.5 dB	11:42:30	111.8 dB	11:40:13	114.5 dB	11:40:13
Lw _{Smin}	50.1 dB	11:41:41	65.1 dB	11:41:39	73.7 dB	11:41:39
Lw _{Smax}	82.8 dB	11:37:58	95.5 dB	11:40:16	101.7 dB	11:40:16
Lw _{Fmin}	49.3 dB	11:41:40	62.4 dB	11:41:39	68.3 dB	11:41:39
Lw _{Fmax}	85.9 dB	11:37:58	100.6 dB	11:40:16	106.7 dB	11:40:16
Lw _{lmin}	51.1 dB	11:41:39	68.4 dB	11:41:39	79.1 dB	11:31:43
Lw _{lmax}	86.9 dB	11:37:58	103.0 dB	11:40:16	108.7 dB	11:40:16

ω represents frequency weighting (A, C or Z)

SEL	94.6 dB
E (Pa ² s)	1.2 Pa ² s
EB (Pa ² s)	37.7 Pa ² s
E40 (Pa ² s)	188.5 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.1 Pa ² h
LC _{eq} - LA _{eq}	17.6 dB

	Count	Duration
LAS > 85 dB	0	0
LAS > 95 dB	0	0
LCPk > 135 dB	0	0
LCPk > 137 dB	0	0
LCPk > 140 dB	0	0

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	1.3%	1.3%	1.3%
Lavg	--- dB	53.4 dB	66.2 dB	66.2 dB
TWA(8)	--- dB	28.4 dB	51.1 dB	51.1 dB
Projected TWA(8)	--- dB	53.4 dB	66.2 dB	66.2 dB
Criterion Level	90.0 dB	85.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	53.7 dB	53.7 dB	53.7 dB	53.7 dB
Projected LEP'd/Lex,8h	68.8 dB	68.8 dB	68.8 dB	68.8 dB

Overall Measurement

Start Time	2022-01-26 12:07:29		
Stop Time	2022-01-26 12:22:29		
Run Time	00:15:00		
Pre-Calibration Deviation (Cal Lvl)	0.84 dB (114.0 dB)	2022-01-26 09:28:22	
Pre-Sensitivity	-39.5 dB		
Post-Calibration Deviation (Cal Lvl)	---(---	---	
Post-Sensitivity	---		
Motion Percentage	0.0%		
LAeq	68.8 dB		
LCpeak	108.4 dB	2022-01-26 12:07:37	
LASmax	89.3 dB	2022-01-26 12:15:32	
LAFmax	92.4 dB	2022-01-26 12:15:32	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10383
Model	730
Hardware Version	A
Firmware Version	1.107
Sensitivity (dB re. 1V/Pa)	-39.5 dB

Any Data

	A		C		Z	
L _w eq	68.8 dB		84.0 dB		91.4 dB	
L _w peak	102.6 dB	12:15:32	108.4 dB	12:07:37	113.6 dB	12:08:02
L _w Smin	53.4 dB	12:20:47	68.7 dB	12:21:26	73.2 dB	12:21:24
L _w Smax	89.3 dB	12:15:32	94.6 dB	12:07:37	101.4 dB	12:08:02
L _w Fmin	52.3 dB	12:20:47	67.3 dB	12:21:26	70.0 dB	12:21:24
L _w Fmax	92.4 dB	12:15:32	98.5 dB	12:07:37	104.9 dB	12:08:02
L _w lmin	55.4 dB	12:17:01	71.0 dB	12:21:26	78.0 dB	12:21:24
L _w lmax	93.9 dB	12:15:32	101.9 dB	12:07:37	107.6 dB	12:08:02

ω represents frequency weighting (A, C or Z)

SEL	98.3 dB
E (Pa ² s)	2.7 Pa ² s
EB (Pa ² s)	87.1 Pa ² s
E40 (Pa ² s)	435.5 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.1 Pa ² h
LC _{eq} - LA _{eq}	15.2 dB

	Count	Duration
LAS > 85 dB	1	7
LAS > 95 dB	0	0
LCPk > 135 dB	0	0
LCPk > 137 dB	0	0
LCPk > 140 dB	0	0

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.1%	0.0%	0.0%	0.0%
Lavg	30.6 dB	--- dB	--- dB	--- dB
TWA(8)	5.6 dB	--- dB	--- dB	--- dB
Projected TWA(8)	33.5 dB	--- dB	--- dB	--- dB
Criterion Level	86.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	75.0 dB	90.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	3.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	49.6 dB	49.6 dB	49.6 dB	49.6 dB
Projected LEP'd/Lex,8h	66.5 dB	64.7 dB	64.7 dB	64.7 dB

Overall Measurement

Start Time	2022-01-26 12:11:20		
Stop Time	2022-01-26 12:26:20		
Run Time	00:15:00		
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---)	2022-01-26 10:29:04	
Pre-Sensitivity	-39.3 dB		
Post-Calibration Deviation (Cal Lvl)	---(---)	---	
Post-Sensitivity	---		
Motion Percentage	0.0%		
LAeq	64.7 dB		
LCpeak	112.6 dB	2022-01-26 12:25:34	
LASmax	76.5 dB	2022-01-26 12:25:41	
LAfmax	81.5 dB	2022-01-26 12:25:25	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10382
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-39.3 dB

Any Data

	A		C		Z	
L _w eq	64.7 dB		84.4 dB		92.4 dB	
L _w peak	97.2 dB	12:25:25	112.6 dB	12:25:34	117.5 dB	12:25:39
L _w Smin	52.7 dB	12:11:41	68.9 dB	12:17:02	71.6 dB	12:17:02
L _w Smax	76.5 dB	12:25:41	99.3 dB	12:25:41	104.3 dB	12:25:41
L _w Fmin	50.5 dB	12:11:39	67.0 dB	12:17:02	69.0 dB	12:17:02
L _w Fmax	81.5 dB	12:25:25	103.2 dB	12:25:41	107.6 dB	12:25:41
L _w lmin	55.9 dB	12:18:09	71.6 dB	12:17:02	75.4 dB	12:17:02
L _w lmax	86.0 dB	12:25:25	105.1 dB	12:25:41	110.5 dB	12:25:39

ω represents frequency weighting (A, C or Z)

SEL	94.2 dB
E (Pa ² s)	1.1 Pa ² s
EB (Pa ² s)	34.2 Pa ² s
E40 (Pa ² s)	170.9 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	19.7 dB

	Count	Duration
LAS > 75 dB	1	3
LAS > 86 dB	0	0
LCPk > 80 dB	1	899
LCPk > 81 dB	2	898
LCPk > 86 dB	16	854

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	--- dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	--- dB	--- dB	--- dB	--- dB
Criterion Level	90.0 dB	85.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	48.5 dB	48.5 dB	48.5 dB	48.5 dB
Projected LEP'd/Lex,8h	63.6 dB	63.6 dB	63.6 dB	63.6 dB

Overall Measurement

Start Time	2022-01-26 12:17:08		
Stop Time	2022-01-26 12:32:08		
Run Time	00:15:00		
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---)	2022-01-26 10:24:30	
Pre-Sensitivity	-42.6 dB		
Post-Calibration Deviation (Cal Lvl)	---(---)	---	
Post-Sensitivity	---		
Motion Percentage	0.0%		
LAeq	63.6 dB		
LCpeak	113.9 dB	2022-01-26 12:25:53	
LASmax	75.0 dB	2022-01-26 12:25:43	
LAfmax	81.1 dB	2022-01-26 12:25:49	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10385
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-42.6 dB

Any Data

	A		C		Z	
Lw _{eq}	63.6 dB		86.0 dB		94.0 dB	
Lw _{peak}	95.7 dB	12:25:54	113.9 dB	12:25:53	118.3 dB	12:20:29
Lw _{Smin}	50.0 dB	12:25:09	66.8 dB	12:17:46	68.9 dB	12:17:45
Lw _{Smax}	75.0 dB	12:25:43	97.4 dB	12:25:37	104.5 dB	12:25:43
Lw _{Fmin}	49.4 dB	12:25:09	64.5 dB	12:26:53	66.7 dB	12:17:45
Lw _{Fmax}	81.1 dB	12:25:49	102.2 dB	12:20:29	108.6 dB	12:25:37
Lw _{Imin}	50.9 dB	12:25:11	69.1 dB	12:17:46	71.6 dB	12:17:46
Lw _{Imax}	84.6 dB	12:25:49	106.4 dB	12:20:29	111.3 dB	12:25:37

ω represents frequency weighting (A, C or Z)

SEL	93.1 dB
E (Pa ² s)	0.8 Pa ² s
EB (Pa ² s)	26.3 Pa ² s
E40 (Pa ² s)	131.3 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	22.4 dB

	Count	Duration
LAS > 85 dB	0	0
LAS > 95 dB	0	0
LCPk > 135 dB	0	0
LCPk > 137 dB	0	0
LCPk > 140 dB	0	0

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	14.2 dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	17.1 dB	--- dB	--- dB	--- dB
Criterion Level	86.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	75.0 dB	90.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	3.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	44.9 dB	44.9 dB	44.9 dB	44.9 dB
Projected LEP'd/Lex,8h	61.8 dB	60.0 dB	60.0 dB	60.0 dB

Overall Measurement

Start Time	2022-01-26 13:05:50		
Stop Time	2022-01-26 13:20:50		
Run Time	00:15:00		
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---)	2022-01-26 10:29:04	
Pre-Sensitivity	-39.3 dB		
Post-Calibration Deviation (Cal Lvl)	---(---)	---	
Post-Sensitivity	---		
Motion Percentage	0.0%		
LAeq	60.0 dB		
LCpeak	107.8 dB	2022-01-26 13:09:03	
LASmax	75.4 dB	2022-01-26 13:09:02	
LAfmax	81.4 dB	2022-01-26 13:09:02	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10382
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-39.3 dB

Any Data

	A		C		Z	
Lw _{eq}	60.0 dB		77.1 dB		84.3 dB	
Lw _{peak}	91.5 dB	13:09:02	107.8 dB	13:09:03	111.4 dB	13:09:03
Lw _{Smin}	50.4 dB	13:13:26	62.1 dB	13:13:12	65.7 dB	13:13:11
Lw _{Smax}	75.4 dB	13:09:02	93.7 dB	13:09:03	99.9 dB	13:09:03
Lw _{Fmin}	49.3 dB	13:13:26	60.2 dB	13:13:22	63.6 dB	13:13:11
Lw _{Fmax}	81.4 dB	13:09:02	98.1 dB	13:09:02	103.5 dB	13:09:03
Lw _{Lmin}	51.7 dB	13:13:26	64.6 dB	13:13:12	69.8 dB	13:13:11
Lw _{Lmax}	83.0 dB	13:09:02	101.2 dB	13:09:03	106.6 dB	13:09:03

ω represents frequency weighting (A, C or Z)

SEL	89.5 dB
E (Pa ² s)	0.4 Pa ² s
EB (Pa ² s)	11.4 Pa ² s
E40 (Pa ² s)	57.0 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	17.1 dB

	Count	Duration
LAS > 75 dB	1	3
LAS > 86 dB	0	0
LCPk > 80 dB	21	778
LCPk > 81 dB	33	744
LCPk > 86 dB	45	529

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	--- dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	--- dB	--- dB	--- dB	--- dB
Criterion Level	86.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	75.0 dB	90.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	41.7 dB	41.7 dB	41.7 dB	41.7 dB
Projected LEP'd/Lex,8h	58.6 dB	56.8 dB	56.8 dB	56.8 dB

Overall Measurement

Start Time	2022-01-26 13:10:11		
Stop Time	2022-01-26 13:25:11		
Run Time	00:15:00		
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---)	2066-01-01 08:53:05	
Pre-Sensitivity	-42.8 dB		
Post-Calibration Deviation (Cal Lvl)	---(---)	---	
Post-Sensitivity	---		
Motion Percentage	0.0%		
LAeq	56.8 dB		
LCpeak	104.9 dB	2022-01-26 13:19:34	
LASmax	72.1 dB	2022-01-26 13:16:02	
LAFmax	76.9 dB	2022-01-26 13:16:02	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10381
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-42.8 dB

Any Data

	A		C		Z	
Lw _{eq}	56.8 dB		74.5 dB		82.8 dB	
Lw _{peak}	87.9 dB	13:16:02	104.9 dB	13:19:34	109.4 dB	13:16:06
Lw _{Smin}	49.4 dB	13:13:28	60.4 dB	13:13:32	63.7 dB	13:11:24
Lw _{Smax}	72.1 dB	13:16:02	89.5 dB	13:16:02	98.0 dB	13:16:03
Lw _{Fmin}	48.9 dB	13:13:27	57.8 dB	13:13:18	61.5 dB	13:13:31
Lw _{Fmax}	76.9 dB	13:16:02	94.5 dB	13:16:02	103.2 dB	13:16:03
Lw _{Lmin}	50.1 dB	13:13:28	62.8 dB	13:11:24	66.4 dB	13:11:24
Lw _{Lmax}	78.9 dB	13:16:02	97.2 dB	13:16:02	106.2 dB	13:16:03

ω represents frequency weighting (A, C or Z)

SEL	86.3 dB
E (Pa ² s)	0.2 Pa ² s
EB (Pa ² s)	5.6 Pa ² s
E40 (Pa ² s)	27.9 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	17.7 dB

	Count	Duration
LAS > 75 dB	0	0
LAS > 86 dB	0	0
LCPk > 80 dB	45	726
LCPk > 81 dB	48	667
LCPk > 86 dB	53	411

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.1%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	23.6 dB	---	34.2 dB	34.2 dB
TWA(8)	31.5 dB	---	39.0 dB	39.0 dB
Projected TWA(8)	26.5 dB	---	34.2 dB	34.2 dB
Criterion Level	86.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	75.0 dB	90.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	62.4 dB	62.4 dB	62.4 dB	62.4 dB
Projected LEP'd/Lex,8h	59.4 dB	57.6 dB	57.6 dB	57.6 dB

Overall Measurement

Start Time	2022-01-26 13:31:49		
Stop Time	2022-01-27 13:31:49		
Run Time	24:00:00		
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---)	2066-01-01 08:53:05	
Pre-Sensitivity	-42.8 dB		
Post-Calibration Deviation (Cal Lvl)	---(---) ---		
Post-Sensitivity	---		
Motion Percentage	0.0%		
LAeq	57.6 dB		
LCpeak	116.2 dB	2022-01-27 10:54:57	
LASmax	83.4 dB	2022-01-27 10:54:57	
LAfmax	87.8 dB	2022-01-27 10:54:57	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10381
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-42.8 dB

Any Data

	A		C		Z	
Lw _{eq}	57.6 dB		75.1 dB		82.0 dB	
Lw _{peak}	98.0 dB	09:11:06	116.2 dB	10:54:57	120.1 dB	10:54:57
Lw _{Smin}	48.2 dB	18:02:49	57.1 dB	18:07:04	59.9 dB	18:08:01
Lw _{Smax}	83.4 dB	10:54:57	103.2 dB	10:54:57	105.2 dB	09:32:54
Lw _{Fmin}	47.7 dB	15:37:16	55.6 dB	18:02:46	57.6 dB	18:02:46
Lw _{Fmax}	87.8 dB	10:54:57	107.1 dB	10:54:57	110.1 dB	09:32:53
Lw _{Lmin}	48.9 dB	04:46:59	59.2 dB	18:08:01	62.3 dB	18:08:01
Lw _{Lmax}	89.8 dB	10:54:57	109.9 dB	10:54:57	113.8 dB	09:32:53

ω represents frequency weighting (A, C or Z)

SEL	107.0 dB
E (Pa ² s)	19.9 Pa ² s
EB (Pa ² s)	6.6 Pa ² s
E40 (Pa ² s)	33.1 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	17.5 dB

	Count	Duration
LAS > 75 dB	19	88
LAS > 86 dB	0	0
LCPk > 80 dB	1692	35233
LCPk > 81 dB	1721	32465
LCPk > 86 dB	1727	20323

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	23.6 dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	26.5 dB	--- dB	--- dB	--- dB
Criterion Level	86.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	75.0 dB	90.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	3.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	47.2 dB	47.2 dB	47.2 dB	47.2 dB
Projected LEP'd/Lex,8h	64.1 dB	62.3 dB	62.3 dB	62.3 dB

Overall Measurement

Start Time	2022-01-26 13:38:57	
Stop Time	2022-01-26 13:53:57	
Run Time	00:15:00	
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---)	2022-01-26 10:29:04
Pre-Sensitivity	-39.3 dB	
Post-Calibration Deviation (Cal Lvl)	---(---)	---
Post-Sensitivity	---	
Motion Percentage	0.0%	
LAeq	62.3 dB	
LCpeak	110.2 dB	2022-01-26 13:53:50
LASmax	75.8 dB	2022-01-26 13:53:50
LAfmax	79.8 dB	2022-01-26 13:53:49
Overload Count	0	
Overload Duration	00:00:00	

Meter General Information

Serial Number	10382
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-39.3 dB

Any Data

	A		C		Z	
Lw _{eq}	62.3 dB		81.9 dB		88.2 dB	
Lw _{peak}	94.1 dB	13:39:35	110.2 dB	13:53:50	117.1 dB	13:53:50
Lw _{Smin}	51.5 dB	13:42:56	65.7 dB	13:45:17	70.3 dB	13:44:47
Lw _{Smax}	75.8 dB	13:53:50	96.9 dB	13:53:51	102.8 dB	13:53:50
Lw _{Fmin}	49.5 dB	13:47:10	61.8 dB	13:45:16	66.2 dB	13:50:58
Lw _{Fmax}	79.8 dB	13:53:49	100.4 dB	13:53:50	109.4 dB	13:53:50
Lw _{lmin}	53.1 dB	13:48:54	68.3 dB	13:44:47	75.3 dB	13:50:59
Lw _{lmax}	82.3 dB	13:53:50	103.3 dB	13:53:50	113.4 dB	13:53:50

ω represents frequency weighting (A, C or Z)

SEL	91.8 dB
E (Pa ² s)	0.6 Pa ² s
EB (Pa ² s)	19.7 Pa ² s
E40 (Pa ² s)	98.5 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	19.6 dB

	Count	Duration
LAS > 75 dB	1	3
LAS > 86 dB	0	0
LCPk > 80 dB	3	895
LCPk > 81 dB	6	882
LCPk > 86 dB	30	810

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	--- dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	--- dB	--- dB	--- dB	--- dB
Criterion Level	90.0 dB	85.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	58.2 dB	58.2 dB	58.2 dB	58.2 dB
Projected LEP'd/Lex,8h	53.4 dB	53.4 dB	53.4 dB	53.4 dB

Overall Measurement

Start Time	2022-01-26 14:15:10	
Stop Time	2022-01-27 14:15:10	
Run Time	24:00:00	
Pre-Calibration Deviation (Cal Lvl)	0.84 dB (114.0 dB)	2022-01-26 09:28:22
Pre-Sensitivity	-39.5 dB	
Post-Calibration Deviation (Cal Lvl)	---(---)	---
Post-Sensitivity	---	
Motion Percentage	0.0%	
LAeq	53.4 dB	
LCpeak	106.8 dB	2022-01-27 10:28:29
LASmax	75.1 dB	2022-01-27 11:14:01
LAFmax	77.4 dB	2022-01-27 10:28:29
Overload Count	0	
Overload Duration	00:00:00	

Meter General Information

Serial Number	10383
Model	730
Hardware Version	A
Firmware Version	1.107
Sensitivity (dB re. 1V/Pa)	-39.5 dB

Any Data

	A		C		Z	
Lw _{eq}	53.4 dB		69.7 dB		75.9 dB	
Lw _{peak}	92.0 dB	10:28:29	106.8 dB	10:28:29	115.3 dB	10:58:28
Lw _{Smin}	45.3 dB	15:37:36	58.5 dB	15:26:50	61.7 dB	03:56:46
Lw _{Smax}	75.1 dB	11:14:01	92.7 dB	10:28:29	99.3 dB	10:58:28
Lw _{Fmin}	44.6 dB	15:37:31	56.8 dB	15:26:50	59.4 dB	03:56:46
Lw _{Fmax}	77.4 dB	10:28:29	98.4 dB	10:28:29	104.7 dB	10:58:28
Lw _{lmin}	46.0 dB	15:40:49	61.0 dB	15:26:50	64.0 dB	03:55:36
Lw _{lmax}	79.4 dB	10:28:29	100.6 dB	10:28:29	108.1 dB	10:58:28

ω represents frequency weighting (A, C or Z)

SEL	102.8 dB
E (Pa ² s)	7.5 Pa ² s
EB (Pa ² s)	2.5 Pa ² s
E40 (Pa ² s)	12.5 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	16.3 dB

	Count	Duration
LAS > 85 dB	0	0
LAS > 95 dB	0	0
LCPk > 135 dB	0	0
LCPk > 137 dB	0	0
LCPk > 140 dB	0	0

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.6%	0.0%	0.3%	0.3%
Lavg	46.7 dB	---	59.9 dB	59.9 dB
TWA(8)	21.7 dB	---	44.8 dB	44.8 dB
Projected TWA(8)	49.6 dB	---	59.9 dB	59.9 dB
Criterion Level	86.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	75.0 dB	90.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	3.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	49.3 dB	49.3 dB	49.3 dB	49.3 dB
Projected LEP'd/Lex,8h	66.2 dB	64.4 dB	64.4 dB	64.4 dB

Overall Measurement

Start Time	2022-01-26 14:27:17		
Stop Time	2022-01-26 14:42:17		
Run Time	00:15:00		
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---)	2022-01-26 10:29:04	
Pre-Sensitivity	-39.3 dB		
Post-Calibration Deviation (Cal Lvl)	---(---)	---	
Post-Sensitivity	---		
Motion Percentage	0.0%		
LAeq	64.4 dB		
LCpeak	105.8 dB	2022-01-26 14:27:21	
LASmax	84.9 dB	2022-01-26 14:29:02	
LAFmax	86.4 dB	2022-01-26 14:29:02	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10382
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-39.3 dB

Any Data

	A		C		Z	
Lw _{eq}	64.4 dB		77.0 dB		84.8 dB	
Lw _{peak}	96.5 dB	14:29:01	105.8 dB	14:27:21	110.8 dB	14:32:23
Lw _{Smin}	47.6 dB	14:39:49	63.4 dB	14:41:36	66.2 dB	14:38:37
Lw _{Smax}	84.9 dB	14:29:02	91.7 dB	14:29:02	98.2 dB	14:32:25
Lw _{Fmin}	46.9 dB	14:39:46	61.7 dB	14:41:36	64.4 dB	14:38:40
Lw _{Fmax}	86.4 dB	14:29:02	96.5 dB	14:27:21	102.3 dB	14:27:21
Lw _{Lmin}	48.9 dB	14:39:49	66.3 dB	14:41:36	68.5 dB	14:38:37
Lw _{Lmax}	87.2 dB	14:29:02	99.5 dB	14:27:21	105.7 dB	14:32:23

ω represents frequency weighting (A, C or Z)

SEL	93.9 dB
E (Pa ² s)	1.0 Pa ² s
EB (Pa ² s)	31.5 Pa ² s
E40 (Pa ² s)	157.7 Pa ² s
E (Pa ² h)	0.0 Pa ² h
EB (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	12.6 dB

	Count	Duration
LAS > 75 dB	1	12
LAS > 86 dB	0	0
LCPk > 80 dB	22	795
LCPk > 81 dB	33	760
LCPk > 86 dB	54	540

Spartan 730 Summary

Measurement Notes

User Sapphos Environmental, Inc.
Location City of Placentia - Atwood Multipurpose Trail Project
Job Description Noise Measurements
Note

Virtual Dosimeters

	1 Atwood Multipurpose Trail Project	2 CUSTOM2	3 CUSTOM3	4 CUSTOM4
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	--- dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	--- dB	--- dB	--- dB	--- dB
Criterion Level	90.0 dB	85.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5.0 dB	5.0 dB	3.0 dB	3.0 dB
LEP'd/Lex,8h	40.0 dB	40.0 dB	40.0 dB	40.0 dB
Projected LEP'd/Lex,8h	55.1 dB	55.1 dB	55.1 dB	55.1 dB

Overall Measurement

Start Time	2022-01-26 14:29:56		
Stop Time	2022-01-26 14:44:56		
Run Time	00:15:00		
Pre-Calibration Deviation (Cal Lvl)	0.00 dB (---)	2022-01-26 10:24:30	
Pre-Sensitivity	-42.6 dB		
Post-Calibration Deviation (Cal Lvl)	---(---)	---	
Post-Sensitivity	---		
Motion Percentage	0.0%		
LAeq	55.1 dB		
LCpeak	96.3 dB	2022-01-26 14:39:03	
LASmax	64.8 dB	2022-01-26 14:41:02	
LAfmax	67.9 dB	2022-01-26 14:41:02	
Overload Count	0		
Overload Duration	00:00:00		

Meter General Information

Serial Number	10385
Model	730
Hardware Version	A
Firmware Version	1.030
Sensitivity (dB re. 1V/Pa)	-42.6 dB

Any Data

	A	C	Z
L _w eq	55.1 dB	72.6 dB	80.8 dB
L _w peak	83.3 dB 14:30:16	96.3 dB 14:39:03	105.5 dB 14:39:05
L _w Smin	51.3 dB 14:38:49	65.6 dB 14:39:42	69.8 dB 14:43:02
L _w Smax	64.8 dB 14:41:02	84.4 dB 14:39:05	95.2 dB 14:39:05
L _w Fmin	50.5 dB 14:39:45	62.9 dB 14:38:49	66.8 dB 14:41:50
L _w Fmax	67.9 dB 14:41:02	87.5 dB 14:39:04	98.5 dB 14:39:04
L _w lmin	52.1 dB 14:38:49	68.2 dB 14:39:42	72.8 dB 14:43:04
L _w lmax	69.0 dB 14:39:03	90.3 dB 14:39:04	102.2 dB 14:39:05

ω represents frequency weighting (A, C or Z)

SEL	84.6 dB
E (Pa ² s)	0.1 Pa ² s
E8 (Pa ² s)	3.8 Pa ² s
E40 (Pa ² s)	18.8 Pa ² s
E (Pa ² h)	0.0 Pa ² h
E8 (Pa ² h)	0.0 Pa ² h
E40 (Pa ² h)	0.0 Pa ² h
LC _{eq} - LA _{eq}	17.5 dB

	Count	Duration
LAS > 85 dB	0	0
LAS > 95 dB	0	0
LCPk > 135 dB	0	0
LCPk > 137 dB	0	0
LCPk > 140 dB	0	0