Underwriters Laboratories Inc.
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Job Number:	952983
Project Number:	08CA15832
File Number:	MC15896
Date:	01 July 2008
Revision Date:	16 July 2008
Model:	SZ-6ND-WH
FCC ID:	JPZ0053
Industry Canada ID:	2851A-JPZ0053

Electromagnetic Compatibility Test Report

For

LUTRON ELECTRONICS INC

Test Report Details

Tests Performed By:	**Underwriters Laboratories Inc. 1285 Walt Whitman Rd. Melville, NY 11747**
Tests Performed For:	**LUTRON ELECTRONICS INC 7200 SUTTER ROAD COOPERBURG, PA 18036**
Applicant Contact: Phone: E-mail:	**BOB SPEHALSKI (610) 282-7424 RSPEHALSKI@LUTRON.COM**
Test Report Date:	**24 Jun 2008**
Test Report Revision Date:	**16 July 2008**
Product Type:	**Dimmer with wireless control**
Product standards	**FCC Part 15, Subpart C, RSS-GEN, RSS-210**
Model Number:	**SZ-6D-WH**
Sample Serial Number:	**Non-Serialized Demonstration Unit**
EUT Category:	**Periodic Low Power Transmitter**
Testing Start Date:	**21 May 2008**
Date Testing Complete:	**19 Jun 2008**

Overall Results: **Compliant**

Report Directory

Report Revision History

Revision Date	Description	Revised By	Revision Reviewed By
None	Original	-	-
16 July 2008	Administrative/editorial changes	B. DeLisi	J. Danisi

1.0 G E N E R A L - Product Description

1.1 Equipment Description

Stanza dimmers with neutral function much like standard dimmers and switches, and have an integral microprocessor, allowing them to be incorporated into a complete lighting control system. Stanza dimmers with neutral are useful in locations where single circuits of lighting need to be dimmed and switched. Stanza dimmers include a front accessible service switch (FASSTM) for safe bulb replacement. Stanza dimmers with neutral are primarily used for driving Lutron power modules and interfaces when loads are required that the dimmer does not support.
Features
• Allows local dimming and switching (toggle On/Off) control of one zone of halogen, incandescent, magnetic low-voltage, interface, or power module loads.
• Light level can also be adjusted, if addressed as part of a Stanza lighting control system, via an RF command from a keypad or integration device.
• 3-way operation can be obtained using a dimmer and a keypad.
• Screw terminals and push-in connections simplify installation.
• Shallow back cover takes up less room in the wallbox.
• Large controls designed with ADA and Universal Design considerations.

The antenna in integral to the device and cannot be removed. The antenna is PCB mounted. The device is categorically exempt from human exposure requirements.

The ANS-6ND-WH is identical to the tested model but can handle a fan load.

1.2 Equipment Marking Plate

Not Available.

1.3 Device Configuration During Test

1.3.1 Equipment Used During Test:

Use	Product Type	Manufacturer	Model	Comments
EUT	Dimmer with wireless control	LUTRON ELECTRONICS INC	SZ-6D-WH	None
SIM	120Vac 100W light bulb	GE	100W	None

Note: **EUT** - Equipment Under Test, **AE** - Auxiliary/Associated Equipment, or **SIM** - Simulator (Not Subjected to Test)

1.3.2 Input/Output Ports:

Port #	Name	Type*	Cable Max. >3m (Y/N)	Cable Shielded (Y/N)	Comments
0	Enclosure	N/E	—	—	None
1	Mains	AC	Y	N	None

Note:
AC = AC Power Port DC = DC Power Port N/E = Non-Electrical
I/O = Signal Input or Output Port (Not Involved in Process Control)
TP = Telecommunication Ports

1.3.3 EUT Internal Operating Frequencies:

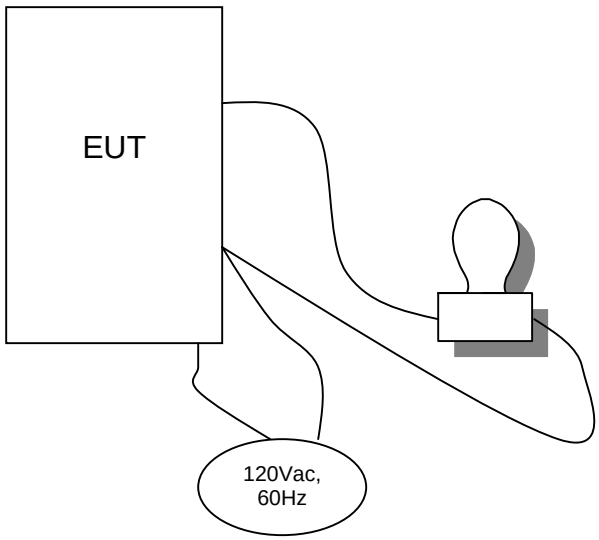
Frequency (MHz)	Description
431	Fundamental Frequency
434	Fundamental Frequency
437	Fundamental Frequency
0.3072	IF Signal
32	Microcontroller

1.3.4 Power Interface:

Mode # /Rated	Voltage (V)	Current (A)	Power (W)	Frequency (DC/AC-Hz)	Phases (#)	Comments
Rated	120Vac	-	-	60Hz	1	None
1	120Vac	-	-	60Hz	1	None

1.4 Block Diagram:

The diagram below illustrates the configuration of the equipment above.



1.5 EUT Configurations

Mode #	Description
1	Stand-alone with lamp for a load

1.6 EUT Operation Modes

Mode #	Description
1	Continuously transmitting 431MHz
2	Continuously transmitting 434 MHz
3	Continuously transmitting 437 MHz
4	Normal transmission 431MHz
5	Normal transmission 434 MHz
6	Normal transmission 437 MHz
7	Receive 431 MHz
8	Receive 434 MHz
9	Receive 437 MHz

2.0 Summary

The tests listed in the Summary of Testing section of this report have been performed and the results recorded by Underwriters Laboratories Inc. in accordance with the procedures stated in each test requirement and specification. The applicant determined the list of tests performed were applicable to the Equipment Under Test. As a result, the subject product has been verified to comply or not comply as noted in the Summary of Testing with each test specification. The test results relate only to the items tested.

2.1 Deviations from standard test methods

None

2.2 Device Modifications Necessary for Compliance

None

2.3 Reference Standards

Standard Number	Standard Name	Standard Date
47 CFR Part 15, Subpart B	Code of Federal Regulations, Part 15, Radio Frequency Devices	2007
47 CFR Part 15, Subpart C	Code of Federal Regulations, Part 15, Radio Frequency Devices	2007
ICES-003, Issue 4	Interference-Causing Equipment Standard – Digital Apparatus	2004
RSS-GEN, Issue 7	General Requirements and Information for the Certification of Radiocommunication Equipment	2007
RSS-210, Issue 7	Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands): Category I Equipment	2007

2.4 Results Summary

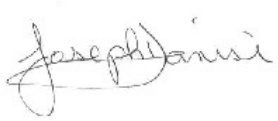
This product is considered Class B and a Periodic Transmitter

Requirement – Test	Result (Compliant / Non-Compliant)*
Conducted Emissions - Mains	Compliant
Radiated Emissions – Transmit Mode	Compliant
Radiated Emissions - Unintentional	Compliant
Cease Operation	Compliant
Occupied Bandwidth – 20dB	Compliant
Occupied Bandwidth – 99%	Compliant
Pulse Train Measurement	Compliant

Test Engineer:

Bob DeLisi (Ext.22452)
Senior Staff Engineer
International EMC Services
Conformity Assessment Services

Reviewer:



Joe Danisi(Ext.23055)
Lead Engineering Associate
International EMC Services
Conformity Assessment Services

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

3.0 Calibration of Equipment Used for Measurement

All test equipment and test accessories are calibrated on a regular basis. The maximum time between calibrations is one year or the manufacturers' recommendation, whichever is less.

All test equipment calibrations are traceable to the National Institute of Standards and Technology (NIST); therefore, all test data recorded in this report is traceable to NIST.

4.0 Emissions Test Results

The emissions tests were performed according to following regulations:

---------- North America ----------

Code of Federal Regulations Title 47	Part 15, Subpart B, Radio Frequency Devices
Code of Federal Regulations Title 47	Part 15, Subpart C, Radio Frequency Devices
Industry Canada	RSS-GEN, RSS-210, ICES-003

Unless specified otherwise in the individual Methods, the tests shall be conducted under the following ambient conditions. Confirmation of these conditions shall be verified at the time the test is conducted.

Ambient Temperature, °C	22.5 ± 2.5	Relative Humidity, %	45 ± 15	Barometric Pressure, mBar	950 ± 150

4.1 Test Conditions and Results – MAINS TERMINAL – CONDUCTED EMISSIONS

Test Description	Measurements were made on a ground plane. All power was connected to the system through Artificial Mains Network (AMN). Conducted voltage measurements on mains lines were made at the output of the AMN.		
Basic Standard		FCC Part 15, Subpart B, 15.107, FCC Part 15, Subpart C, 15.207, RSS-GEN, RSS-210	
UL LPG		80-EM-S0026	
		Frequency range on each side of line	Measurement Point
Fully configured sample scanned over the following frequency range		150kHz to 30MHz	Mains
Limits			
Frequency (MHz)	Limit (dBµV)		
	Quasi-Peak	Average	
0.15-0.5	66 to 56	56 to 46	
0.5-5	56	46	
5-30	60	50	
Supplementary information: None			

Table 1 Conducted Emissions EUT Configuration Settings

Power Interface Mode #	EUT Configurations Mode #	EUT Operation Mode #
1	1	1
1	1	2
1	1	3
1	1	8
Supplementary information: Since the power supply is the same for all modes, receive mode was only measured at one frequency. CW and Packet mode use the same power supply and emissions were considered worst case in CW mode due to lamp load being at full power.		

Table 2 Conducted Emissions Test Equipment

Test Equipment Used			
Description	Manufacturer	Model	Identifier
Conducted Emissions – GP 1			
EMI Receiver	Rohde & Schwarz	ESIB26	ME5B-081
LISN	EMCO	3825/2R	ME5-790
Switch Driver	HP	11713A	44397
RF Switch Box	UL	4	44404
Measurement Software	UL	Version 9.3	44736
Temp/Humidity/Pressure Meter	Cole Parmer	99760-00	43734
Multimeter	Fluke	83III	ME5B-306

Figure 1 Test Setup for Conducted Emissions

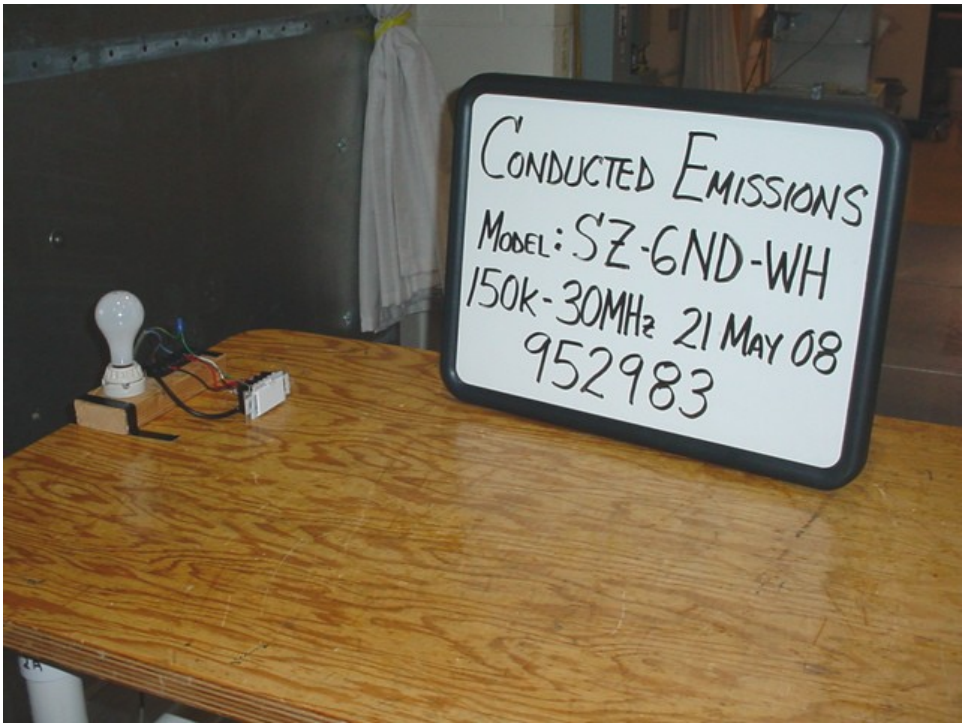


Figure 2 Conducted Emissions Graph

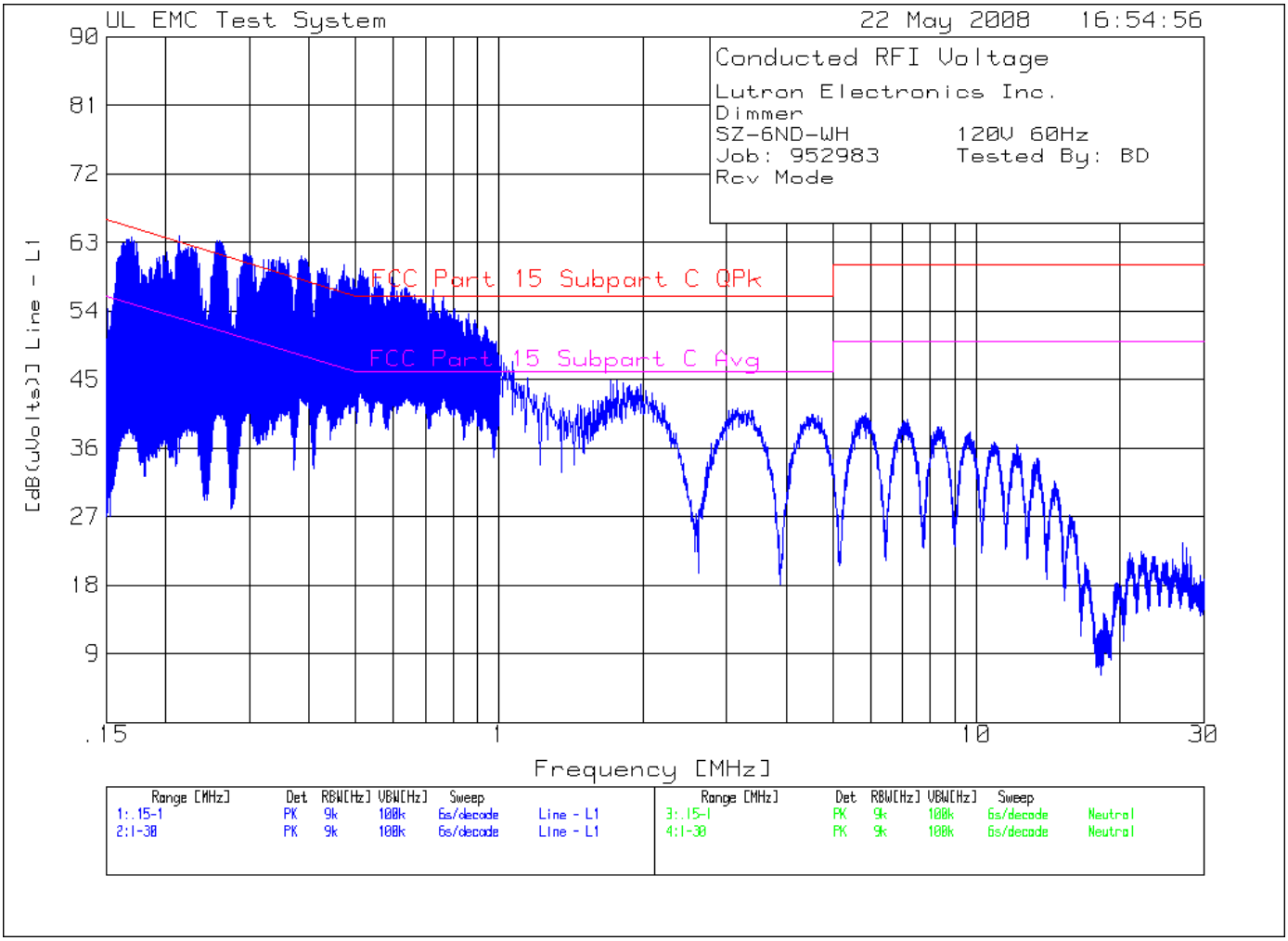


Figure 3 Conducted Emissions Graph

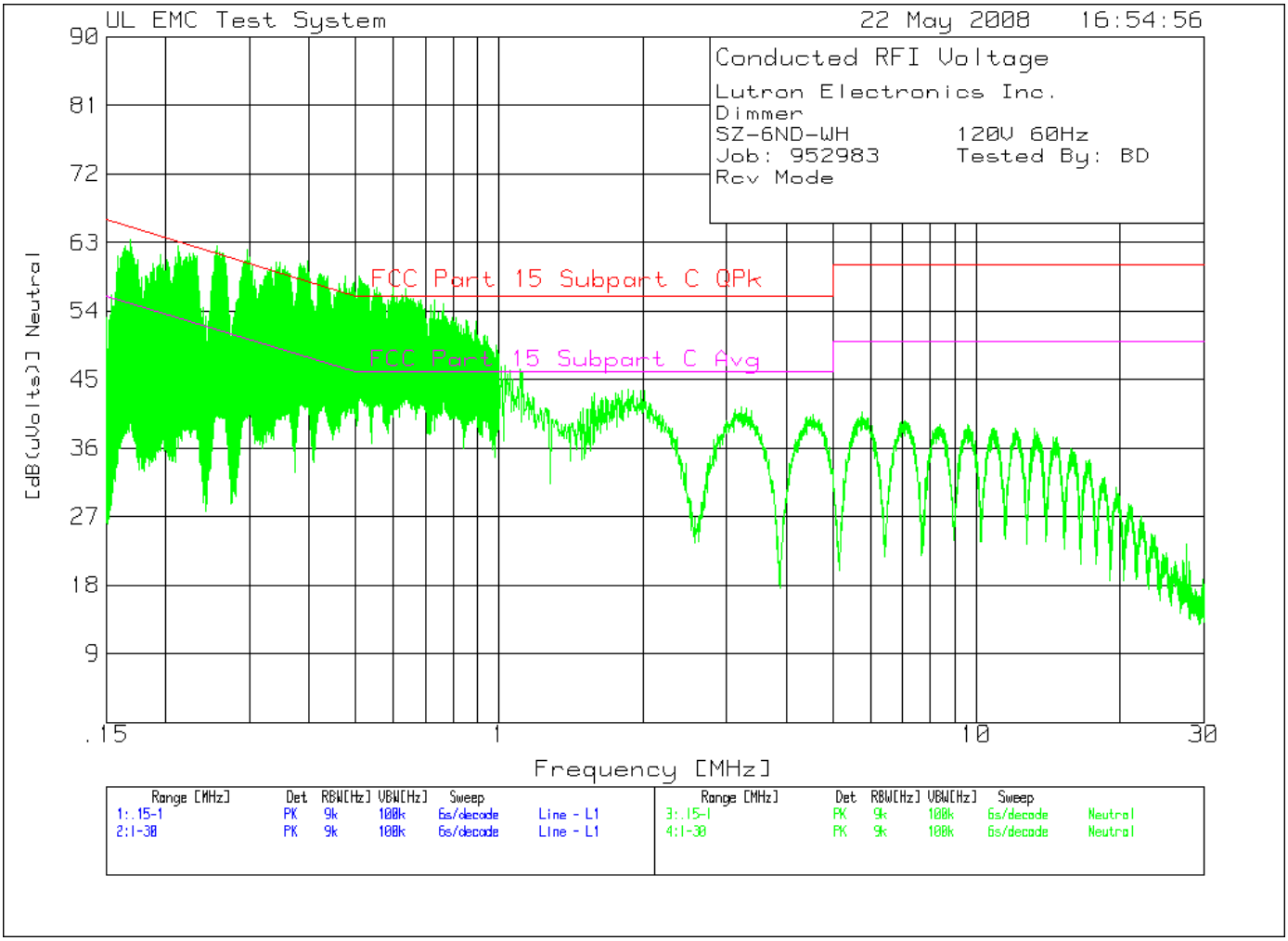


Table 3 Conducted Emissions Data Points

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: BD
Rcv Mode

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz											
1	.16938	51.94 pk	11.8	0	63.74	65	55	-	-	-	-
				Margin [dB]		-1.26	8.74	-	-	-	-
2	.19863	49.91 pk	11.4	0	61.31	63.7	53.7	-	-	-	-
				Margin [dB]		-2.39	7.61	-	-	-	-
3	.21308	51.63 pk	11.3	0	62.93	63.1	53.1	-	-	-	-
				Margin [dB]		-.17	9.83	-	-	-	-
4	.23094	51.13 pk	11.2	0	62.33	62.4	52.4	-	-	-	-
				Margin [dB]		-.07	9.93	-	-	-	-
5	.26001	52.18 pk	11	0	63.18	61.4	51.4	-	-	-	-
				Margin [dB]		1.78	11.78	-	-	-	-
6	.29538	50.61 pk	10.9	0	61.51	60.4	50.4	-	-	-	-
				Margin [dB]		1.11	11.11	-	-	-	-
7	.32803	49.98 pk	10.8	0	60.78	59.5	49.5	-	-	-	-
				Margin [dB]		1.28	11.28	-	-	-	-
8	.35098	49.6 pk	10.7	0	60.3	58.9	48.9	-	-	-	-
				Margin [dB]		1.4	11.4	-	-	-	-
9	.38533	50.57 pk	10.6	0	61.17	58.2	48.2	-	-	-	-
				Margin [dB]		2.97	12.97	-	-	-	-
10	.42665	48.9 pk	10.6	0	59.5	57.3	47.3	-	-	-	-
				Margin [dB]		2.2	12.2	-	-	-	-
11	.4746	49.51 pk	10.5	0	60.01	56.4	46.4	-	-	-	-
				Margin [dB]		3.61	13.61	-	-	-	-
12	.53241	47.93 pk	10.5	0	58.43	56	46	-	-	-	-
				Margin [dB]		2.43	12.43	-	-	-	-
13	.6147	45.39 pk	10.5	0	55.89	56	46	-	-	-	-
				Margin [dB]		-.11	9.89	-	-	-	-
14	.67626	45.05 pk	10.4	0	55.45	56	46	-	-	-	-
				Margin [dB]		-.55	9.45	-	-	-	-
15	.72727	46.39 pk	10.4	0	56.79	56	46	-	-	-	-
				Margin [dB]		.79	10.79	-	-	-	-
16	.77505	43.51 pk	10.4	0	53.91	56	46	-	-	-	-
				Margin [dB]		-2.09	7.91	-	-	-	-
17	.83541	42.22 pk	10.4	0	52.62	56	46	-	-	-	-
				Margin [dB]		-3.38	6.62	-	-	-	-
18	.90053	41.28 pk	10.4	0	51.68	56	46	-	-	-	-
				Margin [dB]		-4.32	5.68	-	-	-	-
19	.96038	39.59 pk	10.4	0	49.99	56	46	-	-	-	-
				Margin [dB]		-6.01	3.99	-	-	-	-
Neutral .15 - 1MHz											
21	.16853	51.6 pk	11.8	0	63.4	65	55	-	-	-	-
				Margin [dB]		-1.6	8.4	-	-	-	-
22	.19472	49.84 pk	11.5	0	61.34	63.8	53.8	-	-	-	-
				Margin [dB]		-2.46	7.54	-	-	-	-
23	.2238	50.24 pk	11.2	0	61.44	62.7	52.7	-	-	-	-
				Margin [dB]		-1.26	8.74	-	-	-	-
24	.26018	50.79 pk	11	0	61.79	61.4	51.4	-	-	-	-
				Margin [dB]		.39	10.39	-	-	-	-
25	.29674	51.08 pk	10.9	0	61.98	60.3	50.3	-	-	-	-
				Margin [dB]		1.68	11.68	-	-	-	-

26	.32718	48.53 pk	10.8	0	59.33	59.5	49.5	-	-	-	-
				Margin [dB]		-.17	9.83	-	-	-	-
27	.35523	49.29 pk	10.7	0	59.99	58.8	48.8	-	-	-	-
				Margin [dB]		1.19	11.19	-	-	-	-
28	.38958	49.33 pk	10.6	0	59.93	58.1	48.1	-	-	-	-
				Margin [dB]		1.83	11.83	-	-	-	-
29	.43005	48.04 pk	10.6	0	58.64	57.3	47.3	-	-	-	-
				Margin [dB]		1.34	11.34	-	-	-	-
30	.47596	48.16 pk	10.5	0	58.66	56.4	46.4	-	-	-	-
				Margin [dB]		2.26	12.26	-	-	-	-
31	.52135	47.05 pk	10.5	0	57.55	56	46	-	-	-	-
				Margin [dB]		1.55	11.55	-	-	-	-
32	.58614	45 pk	10.5	0	55.5	56	46	-	-	-	-
				Margin [dB]		-.5	9.5	-	-	-	-
33	.65058	44.91 pk	10.5	0	55.41	56	46	-	-	-	-
				Margin [dB]		-.59	9.41	-	-	-	-
34	.68714	45.02 pk	10.4	0	55.42	56	46	-	-	-	-
				Margin [dB]		-.58	9.42	-	-	-	-
35	.75192	42.41 pk	10.4	0	52.81	56	46	-	-	-	-
				Margin [dB]		-3.19	6.81	-	-	-	-
36	.82061	41.94 pk	10.4	0	52.34	56	46	-	-	-	-
				Margin [dB]		-3.66	6.34	-	-	-	-
37	.89832	40.44 pk	10.4	0	50.84	56	46	-	-	-	-
				Margin [dB]		-5.16	4.84	-	-	-	-
38	.96072	38.58 pk	10.4	0	48.98	56	46	-	-	-	-
				Margin [dB]		-7.02	2.98	-	-	-	-
39	.99932	37.93 pk	10.4	0	48.33	56	46	-	-	-	-
				Margin [dB]		-7.67	2.33	-	-	-	-
40	.99932	37.93 pk	10.4	0	48.33	56	46	-	-	-	-
				Margin [dB]		-7.67	2.33	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: BD
Rcv Mode

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz										
.16786	47.07 qp	11.8	0	58.87	65.1	55.1	-	-	-	-
			Margin [dB]:		-6.23	3.77	-	-	-	-
.19967	43.88 qp	11.4	0	55.28	63.6	53.6	-	-	-	-
			Margin [dB]:		-8.32	1.68	-	-	-	-
.2143	42.38 qp	11.3	0	53.68	63.1	53.1	-	-	-	-
			Margin [dB]:		-9.42	.58	-	-	-	-
.22951	46.05 qp	11.2	0	57.25	62.5	52.5	-	-	-	-
			Margin [dB]:		-5.25	4.75	-	-	-	-
.26043	46.48 qp	11	0	57.48	61.4	51.4	-	-	-	-
			Margin [dB]:		-3.92	6.08	-	-	-	-
.2961	45.69 qp	10.9	0	56.59	60.3	50.3	-	-	-	-
			Margin [dB]:		-3.71	6.29	-	-	-	-
.32774	42.78 qp	10.8	0	53.58	59.5	49.5	-	-	-	-
			Margin [dB]:		-5.92	4.08	-	-	-	-
.35068	43.72 qp	10.7	0	54.42	58.9	48.9	-	-	-	-
			Margin [dB]:		-4.48	5.52	-	-	-	-
.38674	44.87 qp	10.6	0	55.47	58.1	48.1	-	-	-	-
			Margin [dB]:		-2.63	7.37	-	-	-	-
.42717	43.29 qp	10.6	0	53.89	57.3	47.3	-	-	-	-
			Margin [dB]:		-3.41	6.59	-	-	-	-
.47435	42.07 qp	10.5	0	52.57	56.4	46.4	-	-	-	-
			Margin [dB]:		-3.83	6.17	-	-	-	-
.53099	42.15 qp	10.5	0	52.65	56	46	-	-	-	-
			Margin [dB]:		-3.35	6.65	-	-	-	-
.61385	38.78 qp	10.5	0	49.28	56	46	-	-	-	-
			Margin [dB]:		-6.72	3.28	-	-	-	-
.67703	39.55 qp	10.4	0	49.95	56	46	-	-	-	-
			Margin [dB]:		-6.05	3.95	-	-	-	-
.72733	37.94 qp	10.4	0	48.34	56	46	-	-	-	-
			Margin [dB]:		-7.66	2.34	-	-	-	-
.7739	36.78 qp	10.4	0	47.18	56	46	-	-	-	-
			Margin [dB]:		-8.82	1.18	-	-	-	-
.83426	35.34 qp	10.4	0	45.74	56	46	-	-	-	-
			Margin [dB]:		-10.26	-.26	-	-	-	-
.89913	33.88 qp	10.4	0	44.28	56	46	-	-	-	-
			Margin [dB]:		-11.72	-1.72	-	-	-	-
.95978	32.1 qp	10.4	0	42.5	56	46	-	-	-	-
			Margin [dB]:		-13.5	-3.5	-	-	-	-
Neutral .15 - 1MHz										
.16702	46.56 qp	11.8	0	58.36	65.1	55.1	-	-	-	-
			Margin [dB]:		-6.74	3.26	-	-	-	-
.19533	47.06 qp	11.5	0	58.56	63.8	53.8	-	-	-	-
			Margin [dB]:		-5.24	4.76	-	-	-	-
.22391	45.22 qp	11.2	0	56.42	62.7	52.7	-	-	-	-
			Margin [dB]:		-6.28	3.72	-	-	-	-
.26056	46.23 qp	11	0	57.23	61.4	51.4	-	-	-	-
			Margin [dB]:		-4.17	5.83	-	-	-	-
.29627	45.32 qp	10.9	0	56.22	60.4	50.4	-	-	-	-
			Margin [dB]:		-4.18	5.82	-	-	-	-
.32781	42.83 qp	10.8	0	53.63	59.5	49.5	-	-	-	-
			Margin [dB]:		-5.87	4.13	-	-	-	-
.35583	43.38 qp	10.7	0	54.08	58.9	48.9	-	-	-	-
			Margin [dB]:		-4.82	5.18	-	-	-	-

.38988	44.23 qp	10.6	0	54.83	58.1	48.1	-	-	-	-
			Margin [dB]:		-3.27	6.73	-	-	-	-
.42999	42.78 qp	10.6	0	53.38	57.3	47.3	-	-	-	-
			Margin [dB]:		-3.92	6.08	-	-	-	-
.47488	42.19 qp	10.5	0	52.69	56.4	46.4	-	-	-	-
			Margin [dB]:		-3.71	6.29	-	-	-	-
.52225	41.83 qp	10.5	0	52.33	56	46	-	-	-	-
			Margin [dB]:		-3.67	6.33	-	-	-	-
.58676	38.26 qp	10.5	0	48.76	56	46	-	-	-	-
			Margin [dB]:		-7.24	2.76	-	-	-	-
.6493	39.03 qp	10.5	0	49.53	56	46	-	-	-	-
			Margin [dB]:		-6.47	3.53	-	-	-	-
.68779	38.23 qp	10.4	0	48.63	56	46	-	-	-	-
			Margin [dB]:		-7.37	2.63	-	-	-	-
.75221	36.54 qp	10.4	0	46.94	56	46	-	-	-	-
			Margin [dB]:		-9.06	.94	-	-	-	-
.82093	35.25 qp	10.4	0	45.65	56	46	-	-	-	-
			Margin [dB]:		-10.35	-.35	-	-	-	-
.897	34.82 qp	10.4	0	45.22	56	46	-	-	-	-
			Margin [dB]:		-10.78	-.78	-	-	-	-
.96138	31.69 qp	10.4	0	42.09	56	46	-	-	-	-
			Margin [dB]:		-13.91	-3.91	-	-	-	-
.99734	31.44 qp	10.4	0	41.84	56	46	-	-	-	-
			Margin [dB]:		-14.16	-4.16	-	-	-	-
.99711	31.44 qp	10.4	0	41.84	56	46	-	-	-	-
			Margin [dB]:		-14.16	-4.16	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: BD
Rcv Mode

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz										
.16786	32.14 ave	11.8	0	43.94	65.1	55.1	-	-	-	-
			Margin [dB]:		-21.16	-11.16	-	-	-	-
.19967	28.59 ave	11.4	0	39.99	63.6	53.6	-	-	-	-
			Margin [dB]:		-23.61	-13.61	-	-	-	-
.2143	24.99 ave	11.3	0	36.29	63	53	-	-	-	-
			Margin [dB]:		-26.71	-16.71	-	-	-	-
.22951	29.7 ave	11.2	0	40.9	62.5	52.5	-	-	-	-
			Margin [dB]:		-21.6	-11.6	-	-	-	-
.26043	31.76 ave	11	0	42.76	61.4	51.4	-	-	-	-
			Margin [dB]:		-18.64	-8.64	-	-	-	-
.2961	31.9 ave	10.9	0	42.8	60.4	50.4	-	-	-	-
			Margin [dB]:		-17.6	-7.6	-	-	-	-
.32774	29.13 ave	10.8	0	39.93	59.5	49.5	-	-	-	-
			Margin [dB]:		-19.57	-9.57	-	-	-	-
.35068	28.56 ave	10.7	0	39.26	58.9	48.9	-	-	-	-
			Margin [dB]:		-19.64	-9.64	-	-	-	-
.38674	29.61 ave	10.6	0	40.21	58.1	48.1	-	-	-	-
			Margin [dB]:		-17.89	-7.89	-	-	-	-
.42717	29.52 ave	10.6	0	40.12	57.3	47.3	-	-	-	-
			Margin [dB]:		-17.18	-7.18	-	-	-	-
.47435	27.97 ave	10.5	0	38.47	56.4	46.4	-	-	-	-
			Margin [dB]:		-17.93	-7.93	-	-	-	-
.53099	27.28 ave	10.5	0	37.78	56	46	-	-	-	-
			Margin [dB]:		-18.22	-8.22	-	-	-	-
.61385	25.87 ave	10.5	0	36.37	56	46	-	-	-	-
			Margin [dB]:		-19.63	-9.63	-	-	-	-
.67703	26.19 ave	10.4	0	36.59	56	46	-	-	-	-
			Margin [dB]:		-19.41	-9.41	-	-	-	-
.72733	27.28 ave	10.4	0	37.68	56	46	-	-	-	-
			Margin [dB]:		-18.32	-8.32	-	-	-	-
.7739	24.13 ave	10.4	0	34.53	56	46	-	-	-	-
			Margin [dB]:		-21.47	-11.47	-	-	-	-
.83426	25.06 ave	10.4	0	35.46	56	46	-	-	-	-
			Margin [dB]:		-20.54	-10.54	-	-	-	-
.89913	23.58 ave	10.4	0	33.98	56	46	-	-	-	-
			Margin [dB]:		-22.02	-12.02	-	-	-	-
.95978	22.03 ave	10.4	0	32.43	56	46	-	-	-	-
			Margin [dB]:		-23.57	-13.57	-	-	-	-
Neutral .15 - 1MHz										
.16702	32.69 ave	11.8	0	44.49	65.1	55.1	-	-	-	-
			Margin [dB]:		-20.61	-10.61	-	-	-	-
.19533	27.68 ave	11.5	0	39.18	63.8	53.8	-	-	-	-
			Margin [dB]:		-24.62	-14.62	-	-	-	-
.22391	29.82 ave	11.2	0	41.02	62.7	52.7	-	-	-	-
			Margin [dB]:		-21.68	-11.68	-	-	-	-
.26056	31.61 ave	11	0	42.61	61.4	51.4	-	-	-	-
			Margin [dB]:		-18.79	-8.79	-	-	-	-
.29627	31.66 ave	10.9	0	42.56	60.3	50.3	-	-	-	-
			Margin [dB]:		-17.74	-7.74	-	-	-	-
.32781	28.73 ave	10.8	0	39.53	59.5	49.5	-	-	-	-
			Margin [dB]:		-19.97	-9.97	-	-	-	-
.35583	28.66 ave	10.7	0	39.36	58.8	48.8	-	-	-	-
			Margin [dB]:		-19.44	-9.44	-	-	-	-

.38988	28.88 ave	10.6	0	39.48	58.1	48.1	-	-	-	-
			Margin [dB]:		-18.62	-8.62	-	-	-	-
.42999	29.39 ave	10.6	0	39.99	57.3	47.3	-	-	-	-
			Margin [dB]:		-17.31	-7.31	-	-	-	-
.47488	27.93 ave	10.5	0	38.43	56.4	46.4	-	-	-	-
			Margin [dB]:		-17.97	-7.97	-	-	-	-
.52225	26.63 ave	10.5	0	37.13	56	46	-	-	-	-
			Margin [dB]:		-18.87	-8.87	-	-	-	-
.58676	26.69 ave	10.5	0	37.19	56	46	-	-	-	-
			Margin [dB]:		-18.81	-8.81	-	-	-	-
.6493	24.76 ave	10.5	0	35.26	56	46	-	-	-	-
			Margin [dB]:		-20.74	-10.74	-	-	-	-
.68779	26.54 ave	10.4	0	36.94	56	46	-	-	-	-
			Margin [dB]:		-19.06	-9.06	-	-	-	-
.75221	24.41 ave	10.4	0	34.81	56	46	-	-	-	-
			Margin [dB]:		-21.19	-11.19	-	-	-	-
.82093	25.23 ave	10.4	0	35.63	56	46	-	-	-	-
			Margin [dB]:		-20.37	-10.37	-	-	-	-
.897	24.19 ave	10.4	0	34.59	56	46	-	-	-	-
			Margin [dB]:		-21.41	-11.41	-	-	-	-
.96138	21.78 ave	10.4	0	32.18	56	46	-	-	-	-
			Margin [dB]:		-23.82	-13.82	-	-	-	-
.99734	23.27 ave	10.4	0	33.67	56	46	-	-	-	-
			Margin [dB]:		-22.33	-12.33	-	-	-	-
.99711	23.3 ave	10.4	0	33.7	56	46	-	-	-	-
			Margin [dB]:		-22.3	-12.3	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: BD
Rcv Mode

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 1 - 30MHz											
1	1.0116	37.85 pk	10.4	0	48.25	56	46	-	-	-	-
				Margin [dB]		-7.75	2.25	-	-	-	-
2	1.06381	37 pk	10.4	0	47.4	56	46	-	-	-	-
				Margin [dB]		-8.6	1.4	-	-	-	-
3	1.14503	34.85 pk	10.3	0	45.15	56	46	-	-	-	-
				Margin [dB]		-10.85	-.85	-	-	-	-
4	1.24945	32.96 pk	10.3	0	43.26	56	46	-	-	-	-
				Margin [dB]		-12.74	-2.74	-	-	-	-
5	1.27266	32.62 pk	10.3	0	42.92	56	46	-	-	-	-
				Margin [dB]		-13.08	-3.08	-	-	-	-
6	1.35967	31 pk	10.3	0	41.3	56	46	-	-	-	-
				Margin [dB]		-14.7	-4.7	-	-	-	-
7	1.46409	31.46 pk	10.3	0	41.76	56	46	-	-	-	-
				Margin [dB]		-14.24	-4.24	-	-	-	-
8	1.70774	34.62 pk	10.3	0	44.92	56	46	-	-	-	-
				Margin [dB]		-11.08	-1.08	-	-	-	-
9	1.81796	34.26 pk	10.3	0	44.56	56	46	-	-	-	-
				Margin [dB]		-11.44	-1.44	-	-	-	-
10	1.93979	33.69 pk	10.3	0	43.99	56	46	-	-	-	-
				Margin [dB]		-12.01	-2.01	-	-	-	-
11	2.03261	33.17 pk	10.3	0	43.47	56	46	-	-	-	-
				Margin [dB]		-12.53	-2.53	-	-	-	-
12	2.09642	32.88 pk	10.3	0	43.18	56	46	-	-	-	-
				Margin [dB]		-12.82	-2.82	-	-	-	-
13	2.19504	31.64 pk	10.3	0	41.94	56	46	-	-	-	-
				Margin [dB]		-14.06	-4.06	-	-	-	-
14	3.08262	30.6 pk	10.4	0	41	56	46	-	-	-	-
				Margin [dB]		-15	-5	-	-	-	-
15	3.16383	30.85 pk	10.4	0	41.25	56	46	-	-	-	-
				Margin [dB]		-14.75	-4.75	-	-	-	-
16	3.37848	30.59 pk	10.4	0	40.99	56	46	-	-	-	-
				Margin [dB]		-15.01	-5.01	-	-	-	-
17	4.44009	29.73 pk	10.4	0	40.13	56	46	-	-	-	-
				Margin [dB]		-15.87	-5.87	-	-	-	-
18	4.55611	30.09 pk	10.4	0	40.49	56	46	-	-	-	-
				Margin [dB]		-15.51	-5.51	-	-	-	-
19	4.65473	29.8 pk	10.4	0	40.2	56	46	-	-	-	-
				Margin [dB]		-15.8	-5.8	-	-	-	-

Neutral 1 - 30MHz ----------

20	1.0116	36.37 pk	10.4	0	46.77	56	46	-	-	-	-
				Margin [dB]		-9.23	.77	-	-	-	-
21	1.02901	36.41 pk	10.4	0	46.81	56	46	-	-	-	-
				Margin [dB]		-9.19	.81	-	-	-	-
22	1.10442	35.99 pk	10.4	0	46.39	56	46	-	-	-	-
				Margin [dB]		-9.61	.39	-	-	-	-
23	1.26685	30.74 pk	10.3	0	41.04	56	46	-	-	-	-
				Margin [dB]		-14.96	-4.96	-	-	-	-
24	1.40028	28.69 pk	10.4	0	39.09	56	46	-	-	-	-
				Margin [dB]		-16.91	-6.91	-	-	-	-
25	1.56271	32.29 pk	10.4	0	42.69	56	46	-	-	-	-
				Margin [dB]		-13.31	-3.31	-	-	-	-
26	1.58012	32.9 pk	10.4	0	43.3	56	46	-	-	-	-
				Margin [dB]		-12.7	-2.7	-	-	-	-
27	1.77736	32.6 pk	10.4	0	43	56	46	-	-	-	-
				Margin [dB]		-13	-3	-	-	-	-
28	1.88178	32.33 pk	10.4	0	42.73	56	46	-	-	-	-
				Margin [dB]		-13.27	-3.27	-	-	-	-
29	1.9862	33.17 pk	10.4	0	43.57	56	46	-	-	-	-
				Margin [dB]		-12.43	-2.43	-	-	-	-
30	2.13123	30.46 pk	10.4	0	40.86	56	46	-	-	-	-
				Margin [dB]		-15.14	-5.14	-	-	-	-
31	3.11742	30.62 pk	10.4	0	41.02	56	46	-	-	-	-
				Margin [dB]		-14.98	-4.98	-	-	-	-
32	3.21024	30.93 pk	10.4	0	41.33	56	46	-	-	-	-
				Margin [dB]		-14.67	-4.67	-	-	-	-
33	3.29726	30.85 pk	10.4	0	41.25	56	46	-	-	-	-
				Margin [dB]		-14.75	-4.75	-	-	-	-
34	4.37628	29.46 pk	10.4	0	39.86	56	46	-	-	-	-
				Margin [dB]		-16.14	-6.14	-	-	-	-
35	4.53291	30.07 pk	10.4	0	40.47	56	46	-	-	-	-
				Margin [dB]		-15.53	-5.53	-	-	-	-
36	4.68954	29.31 pk	10.4	0	39.71	56	46	-	-	-	-
				Margin [dB]		-16.29	-6.29	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg

pk - Peak detector
qp - Quasi-Peak detector
av - average detector
avlg - average log detection
ave - average detection
cav - CISPR average detection

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: BD
Rcv Mode

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 1 - 30MHz										
1.05704	23.95 ave	10.4	0	34.35	56	46	-	-	-	-
			Margin [dB]:		-21.65	-11.65	-	-	-	-
1.0579	23.92 ave	10.4	0	34.32	56	46	-	-	-	-
			Margin [dB]:		-21.68	-11.68	-	-	-	-
1.11895	20.21 ave	10.3	0	30.51	56	46	-	-	-	-
			Margin [dB]:		-25.49	-15.49	-	-	-	-
1.23495	16.74 ave	10.3	0	27.04	56	46	-	-	-	-
			Margin [dB]:		-28.96	-18.96	-	-	-	-
1.244	15.12 ave	10.3	0	25.42	56	46	-	-	-	-
			Margin [dB]:		-30.58	-20.58	-	-	-	-
1.3811	13.75 ave	10.3	0	24.05	56	46	-	-	-	-
			Margin [dB]:		-31.95	-21.95	-	-	-	-
1.48954	18.43 ave	10.3	0	28.73	56	46	-	-	-	-
			Margin [dB]:		-27.27	-17.27	-	-	-	-
1.72324	23.12 ave	10.3	0	33.42	56	46	-	-	-	-
			Margin [dB]:		-22.58	-12.58	-	-	-	-
1.82561	24.78 ave	10.3	0	35.08	56	46	-	-	-	-
			Margin [dB]:		-20.92	-10.92	-	-	-	-
1.94207	25.09 ave	10.3	0	35.39	56	46	-	-	-	-
			Margin [dB]:		-20.61	-10.61	-	-	-	-
2.03431	25.38 ave	10.3	0	35.68	56	46	-	-	-	-
			Margin [dB]:		-20.32	-10.32	-	-	-	-
2.07127	25 ave	10.3	0	35.3	56	46	-	-	-	-
			Margin [dB]:		-20.7	-10.7	-	-	-	-
2.17892	22.81 ave	10.3	0	33.11	56	46	-	-	-	-
			Margin [dB]:		-22.89	-12.89	-	-	-	-
3.08885	22.74 ave	10.4	0	33.14	56	46	-	-	-	-
			Margin [dB]:		-22.86	-12.86	-	-	-	-
3.1698	23.81 ave	10.4	0	34.21	56	46	-	-	-	-
			Margin [dB]:		-21.79	-11.79	-	-	-	-
3.36969	23.12 ave	10.4	0	33.52	56	46	-	-	-	-
			Margin [dB]:		-22.48	-12.48	-	-	-	-
4.44009	22.09 ave	10.4	0	32.49	56	46	-	-	-	-
			Margin [dB]:		-23.51	-13.51	-	-	-	-
4.56096	22.97 ave	10.4	0	33.37	56	46	-	-	-	-
			Margin [dB]:		-22.63	-12.63	-	-	-	-
4.65099	23.05 ave	10.4	0	33.45	56	46	-	-	-	-
			Margin [dB]:		-22.55	-12.55	-	-	-	-

Neutral 1 - 30MHz										
1.04724	21.55 ave	10.4	0	31.95	56	46	-	-	-	-
			Margin [dB]:		-24.05	-14.05	-	-	-	-
1.05724	23.84 ave	10.4	0	34.24	56	46	-	-	-	-
			Margin [dB]:		-21.76	-11.76	-	-	-	-
1.10726	22.59 ave	10.4	0	32.99	56	46	-	-	-	-
			Margin [dB]:		-23.01	-13.01	-	-	-	-
1.23833	16.12 ave	10.4	0	26.52	56	46	-	-	-	-
			Margin [dB]:		-29.48	-19.48	-	-	-	-
1.4013	15.67 ave	10.4	0	26.07	56	46	-	-	-	-
			Margin [dB]:		-29.93	-19.93	-	-	-	-
1.58818	21.21 ave	10.4	0	31.61	56	46	-	-	-	-
			Margin [dB]:		-24.39	-14.39	-	-	-	-
1.59178	21.16 ave	10.4	0	31.56	56	46	-	-	-	-
			Margin [dB]:		-24.44	-14.44	-	-	-	-
1.77858	24.57 ave	10.4	0	34.97	56	46	-	-	-	-
			Margin [dB]:		-21.03	-11.03	-	-	-	-
1.89808	24.12 ave	10.4	0	34.52	56	46	-	-	-	-
			Margin [dB]:		-21.48	-11.48	-	-	-	-
1.99377	24.02 ave	10.4	0	34.42	56	46	-	-	-	-
			Margin [dB]:		-21.58	-11.58	-	-	-	-
2.13337	24.08 ave	10.4	0	34.48	56	46	-	-	-	-
			Margin [dB]:		-21.52	-11.52	-	-	-	-
3.12917	23.22 ave	10.4	0	33.62	56	46	-	-	-	-
			Margin [dB]:		-22.38	-12.38	-	-	-	-
3.20443	23.82 ave	10.4	0	34.22	56	46	-	-	-	-
			Margin [dB]:		-21.78	-11.78	-	-	-	-
3.29742	23.37 ave	10.4	0	33.77	56	46	-	-	-	-
			Margin [dB]:		-22.23	-12.23	-	-	-	-
4.37666	21.22 ave	10.4	0	31.62	56	46	-	-	-	-
			Margin [dB]:		-24.38	-14.38	-	-	-	-
4.52061	23.3 ave	10.4	0	33.7	56	46	-	-	-	-
			Margin [dB]:		-22.3	-12.3	-	-	-	-
4.68712	22.21 ave	10.4	0	32.61	56	46	-	-	-	-
			Margin [dB]:		-23.39	-13.39	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

Figure 4 Conducted Emissions Graph

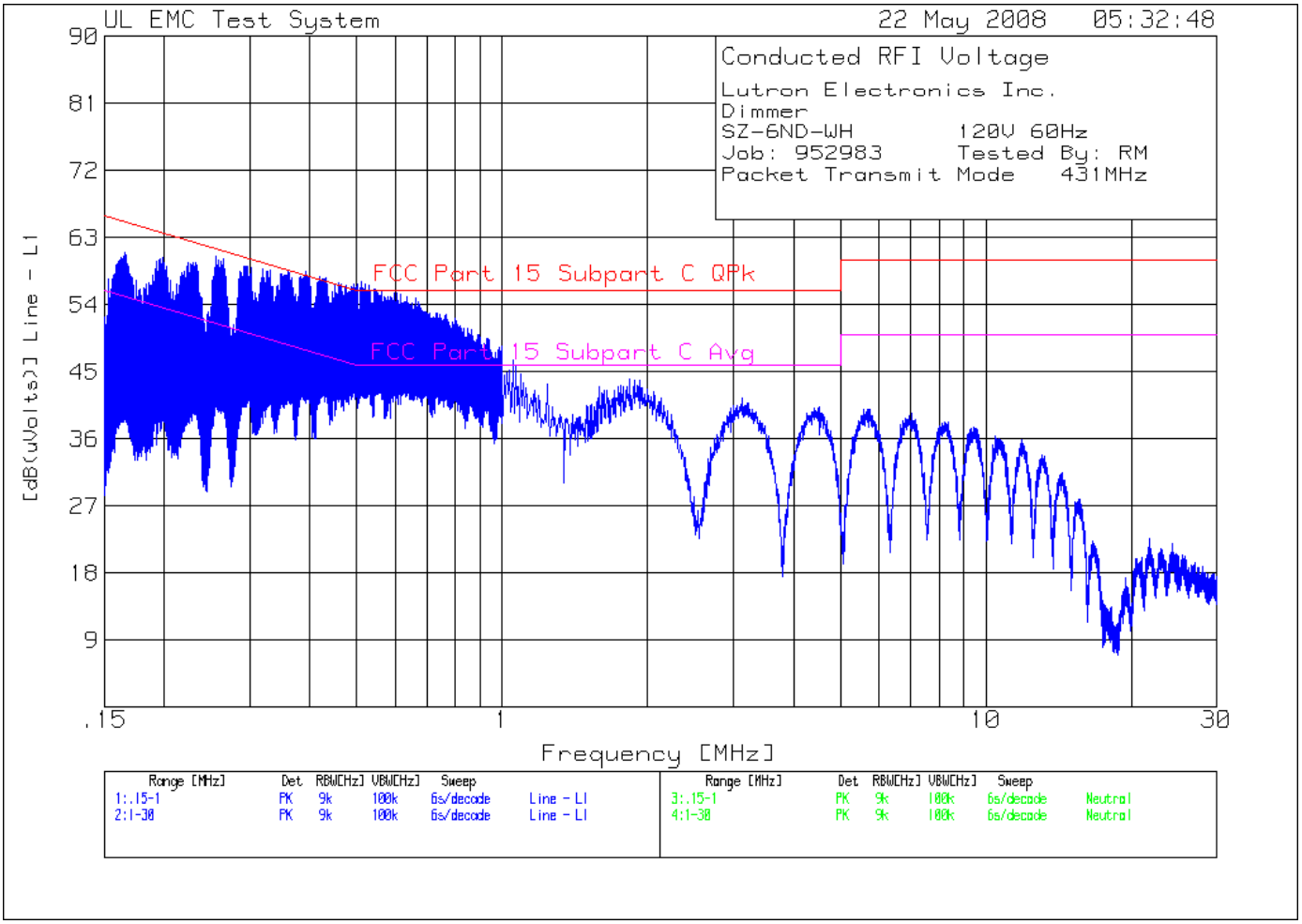


Figure 5 Conducted Emissions Graph

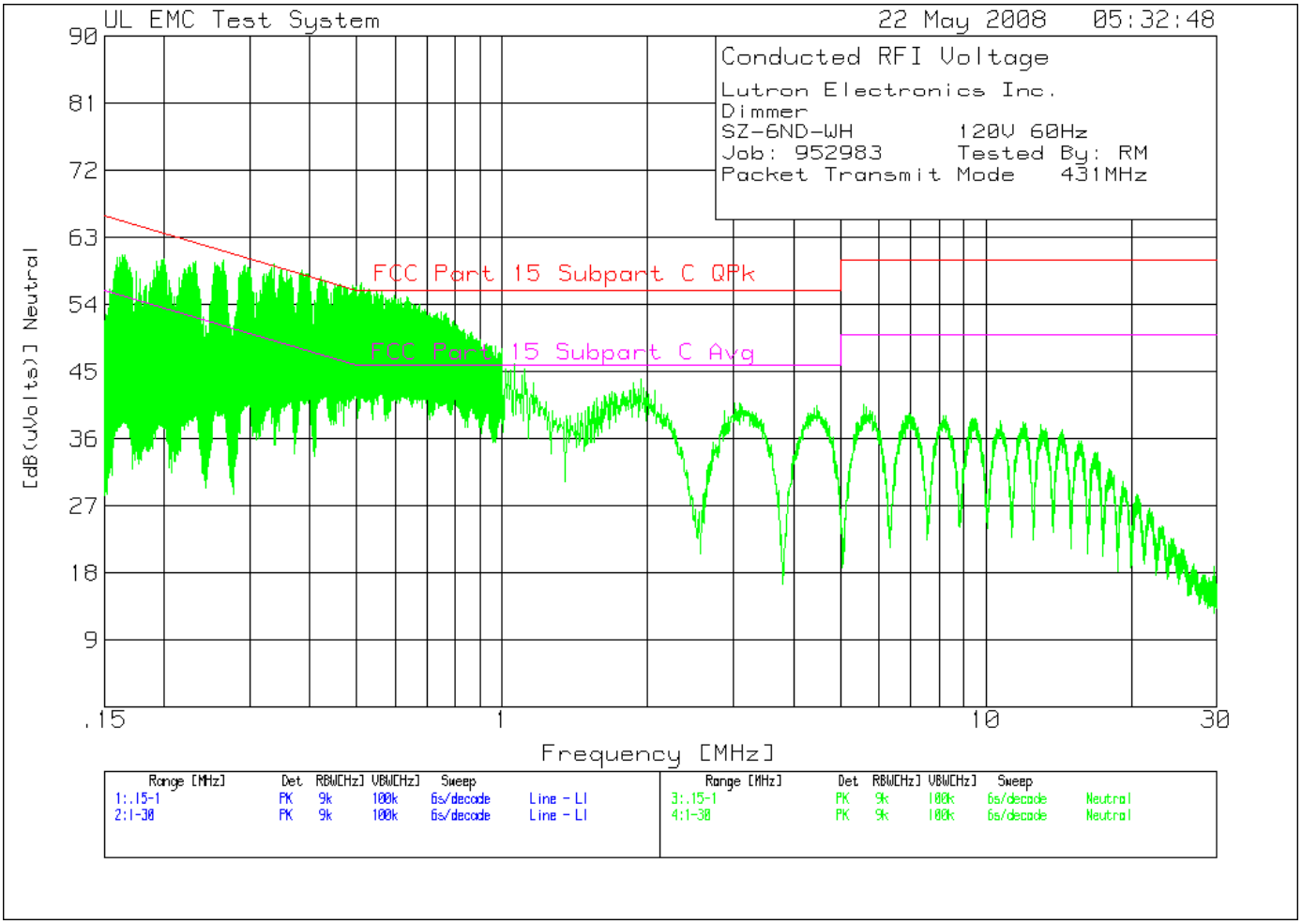


Table 4 Conducted Emissions Data Points

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: RM
Packet Transmit Mode 431MHz

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz											
1	.16564	49.2 pk	11.8	0	61	65.2	55.2	-	-	-	-
				Margin [dB]		-4.2	5.8	-	-	-	-
2	.19897	48.98 pk	11.4	0	60.38	63.7	53.7	-	-	-	-
				Margin [dB]		-3.32	6.68	-	-	-	-
3	.22924	48.52 pk	11.2	0	59.72	62.5	52.5	-	-	-	-
				Margin [dB]		-2.78	7.22	-	-	-	-
4	.2646	49.25 pk	11	0	60.25	61.3	51.3	-	-	-	-
				Margin [dB]		-1.05	8.95	-	-	-	-
5	.29385	48.27 pk	10.9	0	59.17	60.4	50.4	-	-	-	-
				Margin [dB]		-1.23	8.77	-	-	-	-
6	.33092	47.93 pk	10.8	0	58.73	59.4	49.4	-	-	-	-
				Margin [dB]		-.67	9.33	-	-	-	-
7	.35999	47.97 pk	10.7	0	58.67	58.7	48.7	-	-	-	-
				Margin [dB]		-.03	9.97	-	-	-	-
8	.3923	47.8 pk	10.6	0	58.4	58	48	-	-	-	-
				Margin [dB]		.4	10.4	-	-	-	-
9	.4275	46.92 pk	10.6	0	57.52	57.3	47.3	-	-	-	-
				Margin [dB]		.22	10.22	-	-	-	-
10	.46507	46.29 pk	10.5	0	56.79	56.6	46.6	-	-	-	-
				Margin [dB]		.19	10.19	-	-	-	-
11	.51098	46.59 pk	10.5	0	57.09	56	46	-	-	-	-
				Margin [dB]		1.09	11.09	-	-	-	-
12	.54652	45.65 pk	10.5	0	56.15	56	46	-	-	-	-
				Margin [dB]		.15	10.15	-	-	-	-
13	.59889	45.08 pk	10.5	0	55.58	56	46	-	-	-	-
				Margin [dB]		-.42	9.58	-	-	-	-
14	.66146	44.45 pk	10.4	0	54.85	56	46	-	-	-	-
				Margin [dB]		-1.15	8.85	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg

pk - Peak detector
qp - Quasi-Peak detector
av - average detector
avlg - average log detection
ave - average detection
cav - CISPR average detection

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz											
15	.73135	42.4 pk	10.4	0	52.8	56	46	-	-	-	-
				Margin [dB]		-3.2	6.8	-	-	-	-
16	.79715	41.77 pk	10.4	0	52.17	56	46	-	-	-	-
				Margin [dB]		-3.83	6.17	-	-	-	-
17	.86431	40.23 pk	10.4	0	50.63	56	46	-	-	-	-
				Margin [dB]		-5.37	4.63	-	-	-	-
18	.92927	39.15 pk	10.4	0	49.55	56	46	-	-	-	-
				Margin [dB]		-6.45	3.55	-	-	-	-
19	.9949	38.07 pk	10.4	0	48.47	56	46	-	-	-	-
				Margin [dB]		-7.53	2.47	-	-	-	-
Line - L1 1 - 30MHz											
20	1.05221	36.17 pk	10.4	0	46.57	56	46	-	-	-	-
				Margin [dB]		-9.43	.57	-	-	-	-
21	1.23785	33.06 pk	10.3	0	43.36	56	46	-	-	-	-
				Margin [dB]		-12.64	-2.64	-	-	-	-
22	1.58592	32.75 pk	10.3	0	43.05	56	46	-	-	-	-
				Margin [dB]		-12.95	-2.95	-	-	-	-
23	1.92819	33.51 pk	10.3	0	43.81	56	46	-	-	-	-
				Margin [dB]		-12.19	-2.19	-	-	-	-
24	3.13483	30.28 pk	10.4	0	40.68	56	46	-	-	-	-
				Margin [dB]		-15.32	-5.32	-	-	-	-
25	4.5155	29.89 pk	10.4	0	40.29	56	46	-	-	-	-
				Margin [dB]		-15.71	-5.71	-	-	-	-
Neutral .15 - 1MHz											
26	.1653	48.85 pk	11.9	0	60.75	65.2	55.2	-	-	-	-
				Margin [dB]		-4.45	5.55	-	-	-	-
27	.19965	48.75 pk	11.4	0	60.15	63.6	53.6	-	-	-	-
				Margin [dB]		-3.45	6.55	-	-	-	-
28	.23196	48.58 pk	11.2	0	59.78	62.4	52.4	-	-	-	-
				Margin [dB]		-2.62	7.38	-	-	-	-
29	.25389	48.59 pk	11	0	59.59	61.6	51.6	-	-	-	-
				Margin [dB]		-2.01	7.99	-	-	-	-
30	.29334	48.4 pk	10.9	0	59.3	60.4	50.4	-	-	-	-
				Margin [dB]		-1.1	8.9	-	-	-	-
31	.33772	48.88 pk	10.7	0	59.58	59.3	49.3	-	-	-	-
				Margin [dB]		.28	10.28	-	-	-	-
32	.36373	47.34 pk	10.7	0	58.04	58.6	48.6	-	-	-	-
				Margin [dB]		-.56	9.44	-	-	-	-
33	.39298	47.51 pk	10.6	0	58.11	58	48	-	-	-	-
				Margin [dB]		.11	10.11	-	-	-	-
34	.42971	46.71 pk	10.6	0	57.31	57.3	47.3	-	-	-	-
				Margin [dB]		.01	10.01	-	-	-	-
35	.48922	46.11 pk	10.5	0	56.61	56.2	46.2	-	-	-	-
				Margin [dB]		.41	10.41	-	-	-	-
36	.52986	45.57 pk	10.5	0	56.07	56	46	-	-	-	-
				Margin [dB]		.07	10.07	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg

pk - Peak detector
qp - Quasi-Peak detector
av - average detector
avlg - average log detection
ave - average detection
cav - CISPR average detection

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Neutral 1 - 30MHz											
37	.56624	44.74 pk	10.5	0	55.24	56	46	-	-	-	-
				Margin [dB]		-.76	9.24	-	-	-	-
38	.63001	43.86 pk	10.5	0	54.36	56	46	-	-	-	-
				Margin [dB]		-1.64	8.36	-	-	-	-
39	.74648	42.67 pk	10.4	0	53.07	56	46	-	-	-	-
				Margin [dB]		-2.93	7.07	-	-	-	-
40	.86159	39.98 pk	10.4	0	50.38	56	46	-	-	-	-
				Margin [dB]		-5.62	4.38	-	-	-	-
41	.96922	38.11 pk	10.4	0	48.51	56	46	-	-	-	-
				Margin [dB]		-7.49	2.51	-	-	-	-
42	1.05801	35.64 pk	10.4	0	46.04	56	46	-	-	-	-
				Margin [dB]		-9.96	.04	-	-	-	-
43	1.11022	35 pk	10.4	0	45.4	56	46	-	-	-	-
				Margin [dB]		-10.6	-.6	-	-	-	-
44	1.16243	33.16 pk	10.4	0	43.56	56	46	-	-	-	-
				Margin [dB]		-12.44	-2.44	-	-	-	-
45	1.62072	31.46 pk	10.4	0	41.86	56	46	-	-	-	-
				Margin [dB]		-14.14	-4.14	-	-	-	-
46	1.93399	33.71 pk	10.4	0	44.11	56	46	-	-	-	-
				Margin [dB]		-11.89	-1.89	-	-	-	-
47	3.11742	30.26 pk	10.4	0	40.66	56	46	-	-	-	-
				Margin [dB]		-15.34	-5.34	-	-	-	-
48	4.4807	30.15 pk	10.4	0	40.55	56	46	-	-	-	-
				Margin [dB]		-15.45	-5.45	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg

pk - Peak detector
qp - Quasi-Peak detector
av - average detector
avlg - average log detection
ave - average detection
cav - CISPR average detection

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: RM
Packet Transmit Mode 431MHz

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz										
.16538	46.89 qp	11.9	0	58.79	65.2	55.2	-	-	-	-
			Margin [dB]:		-6.41	3.59	-	-	-	-
.1981	46.19 qp	11.4	0	57.59	63.7	53.7	-	-	-	-
			Margin [dB]:		-6.11	3.89	-	-	-	-
.22813	46.05 qp	11.2	0	57.25	62.5	52.5	-	-	-	-
			Margin [dB]:		-5.25	4.75	-	-	-	-
.26292	46.24 qp	11	0	57.24	61.3	51.3	-	-	-	-
			Margin [dB]:		-4.06	5.94	-	-	-	-
.29401	45.25 qp	10.9	0	56.15	60.4	50.4	-	-	-	-
			Margin [dB]:		-4.25	5.75	-	-	-	-
.3299	44.78 qp	10.8	0	55.58	59.5	49.5	-	-	-	-
			Margin [dB]:		-3.92	6.08	-	-	-	-
.36075	44.62 qp	10.7	0	55.32	58.7	48.7	-	-	-	-
			Margin [dB]:		-3.38	6.62	-	-	-	-
.39337	44.22 qp	10.6	0	54.82	58	48	-	-	-	-
			Margin [dB]:		-3.18	6.82	-	-	-	-
.42776	43.25 qp	10.6	0	53.85	57.3	47.3	-	-	-	-
			Margin [dB]:		-3.45	6.55	-	-	-	-
.46387	42.38 qp	10.5	0	52.88	56.6	46.6	-	-	-	-
			Margin [dB]:		-3.72	6.28	-	-	-	-
.51175	42.64 qp	10.5	0	53.14	56	46	-	-	-	-
			Margin [dB]:		-2.86	7.14	-	-	-	-
.54763	41.29 qp	10.5	0	51.79	56	46	-	-	-	-
			Margin [dB]:		-4.21	5.79	-	-	-	-
.59792	40.6 qp	10.5	0	51.1	56	46	-	-	-	-
			Margin [dB]:		-4.9	5.1	-	-	-	-
.6624	39.78 qp	10.4	0	50.18	56	46	-	-	-	-
			Margin [dB]:		-5.82	4.18	-	-	-	-
.73054	38.66 qp	10.4	0	49.06	56	46	-	-	-	-
			Margin [dB]:		-6.94	3.06	-	-	-	-
.79787	38.27 qp	10.4	0	48.67	56	46	-	-	-	-
			Margin [dB]:		-7.33	2.67	-	-	-	-
.86302	35.27 qp	10.4	0	45.67	56	46	-	-	-	-
			Margin [dB]:		-10.33	-.33	-	-	-	-
.92899	35.22 qp	10.4	0	45.62	56	46	-	-	-	-
			Margin [dB]:		-10.38	-.38	-	-	-	-
.99421	32.33 qp	10.4	0	42.73	56	46	-	-	-	-
			Margin [dB]:		-13.27	-3.27	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 1 - 30MHz										
1.05489	31.46 qp	10.4	0	41.86	56	46	-	-	-	-
			Margin [dB]:		-14.14	-4.14	-	-	-	-
1.23326	25.27 qp	10.3	0	35.57	56	46	-	-	-	-
			Margin [dB]:		-20.43	-10.43	-	-	-	-
1.60164	26.3 qp	10.3	0	36.6	56	46	-	-	-	-
			Margin [dB]:		-19.4	-9.4	-	-	-	-
1.92827	26.88 qp	10.3	0	37.18	56	46	-	-	-	-
			Margin [dB]:		-18.82	-8.82	-	-	-	-
3.13283	28.97 qp	10.4	0	39.37	56	46	-	-	-	-
			Margin [dB]:		-16.63	-6.63	-	-	-	-
4.49179	28.95 qp	10.4	0	39.35	56	46	-	-	-	-
			Margin [dB]:		-16.65	-6.65	-	-	-	-
Neutral .15 - 1MHz										
.16536	46.63 qp	11.9	0	58.53	65.2	55.2	-	-	-	-
			Margin [dB]:		-6.67	3.33	-	-	-	-
.1986	45.95 qp	11.4	0	57.35	63.7	53.7	-	-	-	-
			Margin [dB]:		-6.35	3.65	-	-	-	-
.23054	46.15 qp	11.2	0	57.35	62.4	52.4	-	-	-	-
			Margin [dB]:		-5.05	4.95	-	-	-	-
.25548	46.79 qp	11	0	57.79	61.6	51.6	-	-	-	-
			Margin [dB]:		-3.81	6.19	-	-	-	-
.29427	45.26 qp	10.9	0	56.16	60.4	50.4	-	-	-	-
			Margin [dB]:		-4.24	5.76	-	-	-	-
.33669	41.15 qp	10.7	0	51.85	59.3	49.3	-	-	-	-
			Margin [dB]:		-7.45	2.55	-	-	-	-
.36252	44.31 qp	10.7	0	55.01	58.7	48.7	-	-	-	-
			Margin [dB]:		-3.69	6.31	-	-	-	-
.39348	44.29 qp	10.6	0	54.89	58	48	-	-	-	-
			Margin [dB]:		-3.11	6.89	-	-	-	-
.429	43.57 qp	10.6	0	54.17	57.3	47.3	-	-	-	-
			Margin [dB]:		-3.13	6.87	-	-	-	-
.4893	41.72 qp	10.5	0	52.22	56.2	46.2	-	-	-	-
			Margin [dB]:		-3.98	6.02	-	-	-	-
.5292	41.91 qp	10.5	0	52.41	56	46	-	-	-	-
			Margin [dB]:		-3.59	6.41	-	-	-	-
.56603	41.06 qp	10.5	0	51.56	56	46	-	-	-	-
			Margin [dB]:		-4.44	5.56	-	-	-	-
.62915	40.34 qp	10.5	0	50.84	56	46	-	-	-	-
			Margin [dB]:		-5.16	4.84	-	-	-	-
.74713	36.29 qp	10.4	0	46.69	56	46	-	-	-	-
			Margin [dB]:		-9.31	.69	-	-	-	-
.86092	35.4 qp	10.4	0	45.8	56	46	-	-	-	-
			Margin [dB]:		-10.2	-.2	-	-	-	-
.96801	30.96 qp	10.4	0	41.36	56	46	-	-	-	-
			Margin [dB]:		-14.64	-4.64	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg

pk - Peak detector
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Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Neutral 1 - 30MHz										
1.05465	31.39 qp	10.4	0	41.79	56	46	-	-	-	-
			Margin [dB]:		-14.21	-4.21	-	-	-	-
1.10047	30.16 qp	10.4	0	40.56	56	46	-	-	-	-
			Margin [dB]:		-15.44	-5.44	-	-	-	-
1.16271	27.91 qp	10.4	0	38.31	56	46	-	-	-	-
			Margin [dB]:		-17.69	-7.69	-	-	-	-
1.63796	27.56 qp	10.4	0	37.96	56	46	-	-	-	-
			Margin [dB]:		-18.04	-8.04	-	-	-	-
1.91244	29.37 qp	10.4	0	39.77	56	46	-	-	-	-
			Margin [dB]:		-16.23	-6.23	-	-	-	-
3.12827	27.65 qp	10.4	0	38.05	56	46	-	-	-	-
			Margin [dB]:		-17.95	-7.95	-	-	-	-
4.4801	28.06 qp	10.4	0	38.46	56	46	-	-	-	-
			Margin [dB]:		-17.54	-7.54	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

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Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: RM
Packet Transmit Mode 431MHz

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz										
.16538	31.91 ave	11.9	0	43.81	65.2	55.2	-	-	-	-
			Margin [dB]:		-21.39	-11.39	-	-	-	-
.1981	30.61 ave	11.4	0	42.01	63.7	53.7	-	-	-	-
			Margin [dB]:		-21.69	-11.69	-	-	-	-
.22813	30.25 ave	11.2	0	41.45	62.5	52.5	-	-	-	-
			Margin [dB]:		-21.05	-11.05	-	-	-	-
.26292	30.88 ave	11	0	41.88	61.3	51.3	-	-	-	-
			Margin [dB]:		-19.42	-9.42	-	-	-	-
.29401	31.09 ave	10.9	0	41.99	60.4	50.4	-	-	-	-
			Margin [dB]:		-18.41	-8.41	-	-	-	-
.3299	30.32 ave	10.8	0	41.12	59.5	49.5	-	-	-	-
			Margin [dB]:		-18.38	-8.38	-	-	-	-
.36075	29.4 ave	10.7	0	40.1	58.7	48.7	-	-	-	-
			Margin [dB]:		-18.6	-8.6	-	-	-	-
.39337	28.99 ave	10.6	0	39.59	58	48	-	-	-	-
			Margin [dB]:		-18.41	-8.41	-	-	-	-
.42776	29.44 ave	10.6	0	40.04	57.3	47.3	-	-	-	-
			Margin [dB]:		-17.26	-7.26	-	-	-	-
.46387	27.66 ave	10.5	0	38.16	56.6	46.6	-	-	-	-
			Margin [dB]:		-18.44	-8.44	-	-	-	-
.51175	27.04 ave	10.5	0	37.54	56	46	-	-	-	-
			Margin [dB]:		-18.46	-8.46	-	-	-	-
.54763	27.05 ave	10.5	0	37.55	56	46	-	-	-	-
			Margin [dB]:		-18.45	-8.45	-	-	-	-
.59792	27.57 ave	10.5	0	38.07	56	46	-	-	-	-
			Margin [dB]:		-17.93	-7.93	-	-	-	-
.6624	26.36 ave	10.4	0	36.76	56	46	-	-	-	-
			Margin [dB]:		-19.24	-9.24	-	-	-	-
.73054	27.47 ave	10.4	0	37.87	56	46	-	-	-	-
			Margin [dB]:		-18.13	-8.13	-	-	-	-
.79787	26.86 ave	10.4	0	37.26	56	46	-	-	-	-
			Margin [dB]:		-18.74	-8.74	-	-	-	-
.86302	26.08 ave	10.4	0	36.48	56	46	-	-	-	-
			Margin [dB]:		-19.52	-9.52	-	-	-	-
.92899	25.83 ave	10.4	0	36.23	56	46	-	-	-	-
			Margin [dB]:		-19.77	-9.77	-	-	-	-
.99421	12.07 ave	10.4	0	22.47	56	46	-	-	-	-
			Margin [dB]:		-33.53	-23.53	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 1 - 30MHz										
1.05489	12.45 ave	10.4	0	22.85	56	46	-	-	-	-
			Margin [dB]:		-33.15	-23.15	-	-	-	-
1.23326	8.9 ave	10.3	0	19.2	56	46	-	-	-	-
			Margin [dB]:		-36.8	-26.8	-	-	-	-
1.60164	18.34 ave	10.3	0	28.64	56	46	-	-	-	-
			Margin [dB]:		-27.36	-17.36	-	-	-	-
1.92827	22.37 ave	10.3	0	32.67	56	46	-	-	-	-
			Margin [dB]:		-23.33	-13.33	-	-	-	-
3.13283	24.53 ave	10.4	0	34.93	56	46	-	-	-	-
			Margin [dB]:		-21.07	-11.07	-	-	-	-
4.49179	24.72 ave	10.4	0	35.12	56	46	-	-	-	-
			Margin [dB]:		-20.88	-10.88	-	-	-	-
Neutral .15 - 1MHz										
.16536	32.34 ave	11.9	0	44.24	65.2	55.2	-	-	-	-
			Margin [dB]:		-20.96	-10.96	-	-	-	-
.1986	29.99 ave	11.4	0	41.39	63.7	53.7	-	-	-	-
			Margin [dB]:		-22.31	-12.31	-	-	-	-
.23054	30.23 ave	11.2	0	41.43	62.4	52.4	-	-	-	-
			Margin [dB]:		-20.97	-10.97	-	-	-	-
.25548	29.6 ave	11	0	40.6	61.6	51.6	-	-	-	-
			Margin [dB]:		-21	-11	-	-	-	-
.29427	31.3 ave	10.9	0	42.2	60.4	50.4	-	-	-	-
			Margin [dB]:		-18.2	-8.2	-	-	-	-
.33669	25.91 ave	10.7	0	36.61	59.3	49.3	-	-	-	-
			Margin [dB]:		-22.69	-12.69	-	-	-	-
.36252	29.15 ave	10.7	0	39.85	58.7	48.7	-	-	-	-
			Margin [dB]:		-18.85	-8.85	-	-	-	-
.39348	28.94 ave	10.6	0	39.54	58	48	-	-	-	-
			Margin [dB]:		-18.46	-8.46	-	-	-	-
.429	29.22 ave	10.6	0	39.82	57.3	47.3	-	-	-	-
			Margin [dB]:		-17.48	-7.48	-	-	-	-
.4893	27.38 ave	10.5	0	37.88	56.2	46.2	-	-	-	-
			Margin [dB]:		-18.32	-8.32	-	-	-	-
.5292	27.36 ave	10.5	0	37.86	56	46	-	-	-	-
			Margin [dB]:		-18.14	-8.14	-	-	-	-
.56603	27.78 ave	10.5	0	38.28	56	46	-	-	-	-
			Margin [dB]:		-17.72	-7.72	-	-	-	-
.62915	26.39 ave	10.5	0	36.89	56	46	-	-	-	-
			Margin [dB]:		-19.11	-9.11	-	-	-	-
.74713	24 ave	10.4	0	34.4	56	46	-	-	-	-
			Margin [dB]:		-21.6	-11.6	-	-	-	-
.86092	25.98 ave	10.4	0	36.38	56	46	-	-	-	-
			Margin [dB]:		-19.62	-9.62	-	-	-	-
.96801	21.21 ave	10.4	0	31.61	56	46	-	-	-	-
			Margin [dB]:		-24.39	-14.39	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Neutral 1 - 30MHz										
1.05465	23.67 ave	10.4	0	34.07	56	46	-	-	-	-
			Margin [dB]:		-21.93	-11.93	-	-	-	-
1.10047	22.48 ave	10.4	0	32.88	56	46	-	-	-	-
			Margin [dB]:		-23.12	-13.12	-	-	-	-
1.16271	19.35 ave	10.4	0	29.75	56	46	-	-	-	-
			Margin [dB]:		-26.25	-16.25	-	-	-	-
1.63796	22.34 ave	10.4	0	32.74	56	46	-	-	-	-
			Margin [dB]:		-23.26	-13.26	-	-	-	-
1.91244	24.03 ave	10.4	0	34.43	56	46	-	-	-	-
			Margin [dB]:		-21.57	-11.57	-	-	-	-
3.12827	23.24 ave	10.4	0	33.64	56	46	-	-	-	-
			Margin [dB]:		-22.36	-12.36	-	-	-	-
4.4801	22.5 ave	10.4	0	32.9	56	46	-	-	-	-
			Margin [dB]:		-23.1	-13.1	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

Figure 6 Conducted Emissions Graph

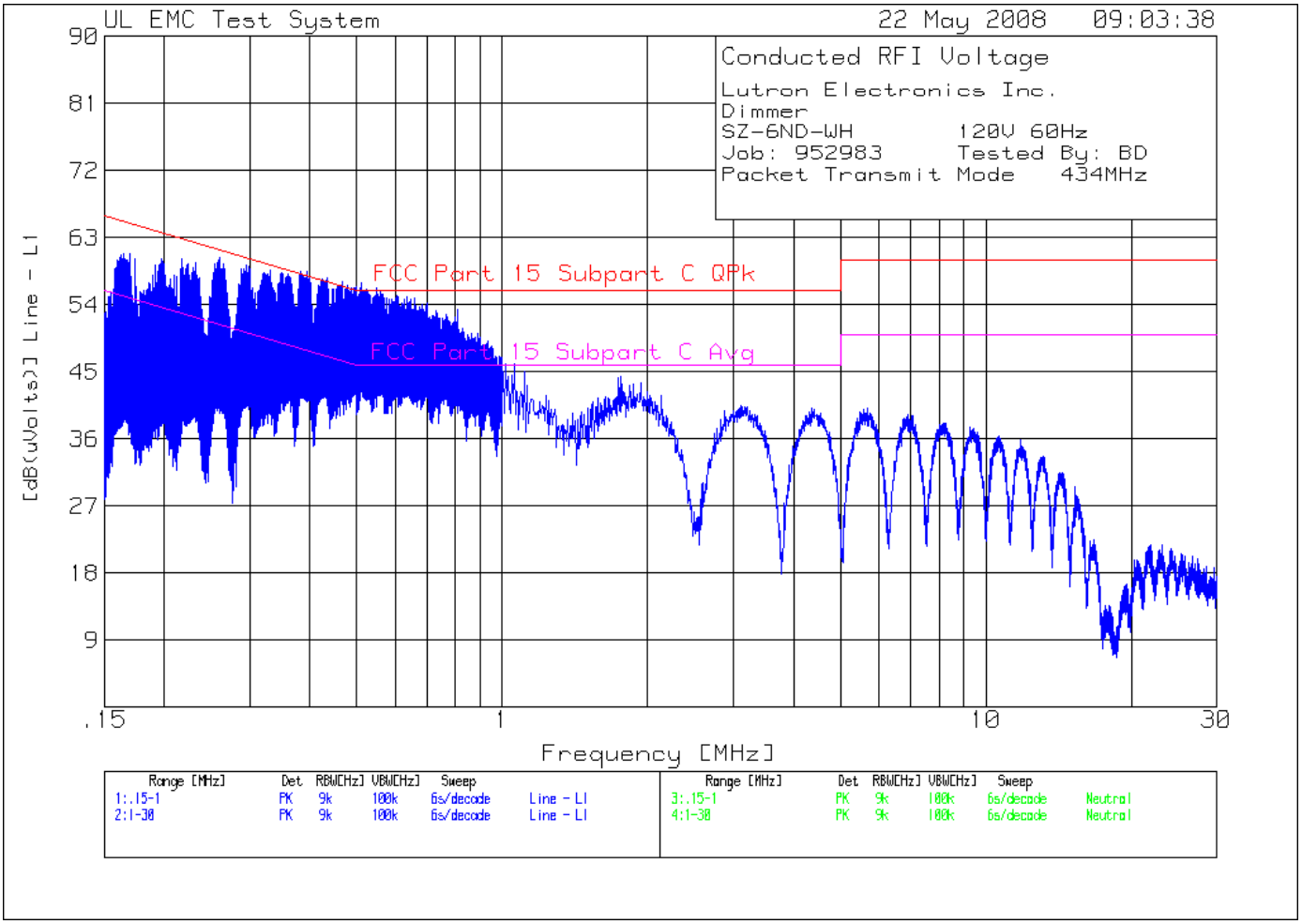


Figure 7 Conducted Emissions Graph

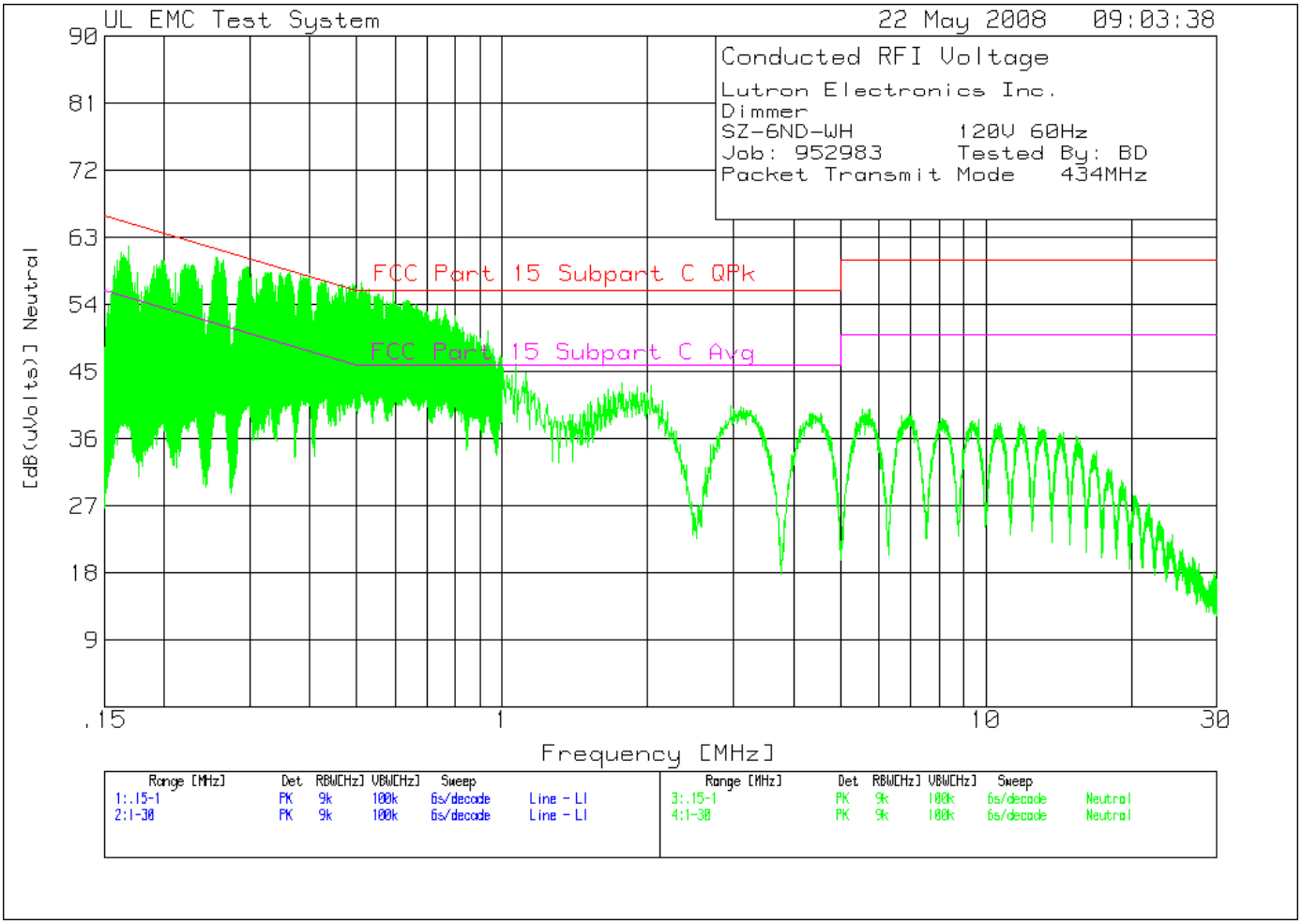


Table 5 Conducted Emissions Data Points

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: BD
Packet Transmit Mode 434MHz

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz											
1	.16479	49.01 pk	11.9	0	60.91	65.2	55.2	-	-	-	-
				Margin [dB]		-4.29	5.71	-	-	-	-
2	.1971	48.7 pk	11.4	0	60.1	63.7	53.7	-	-	-	-
				Margin [dB]		-3.6	6.4	-	-	-	-
3	.22431	48.3 pk	11.2	0	59.5	62.7	52.7	-	-	-	-
				Margin [dB]		-3.2	6.8	-	-	-	-
4	.26494	48.42 pk	11	0	59.42	61.3	51.3	-	-	-	-
				Margin [dB]		-1.88	8.12	-	-	-	-
5	.28892	47.99 pk	10.9	0	58.89	60.6	50.6	-	-	-	-
				Margin [dB]		-1.71	8.29	-	-	-	-
6	.32259	47.37 pk	10.8	0	58.17	59.6	49.6	-	-	-	-
				Margin [dB]		-1.43	8.57	-	-	-	-
7	.35914	47.05 pk	10.7	0	57.75	58.7	48.7	-	-	-	-
				Margin [dB]		-.95	9.05	-	-	-	-
8	.38822	47.4 pk	10.6	0	58	58.1	48.1	-	-	-	-
				Margin [dB]		-.1	9.9	-	-	-	-
9	.42308	46.94 pk	10.6	0	57.54	57.4	47.4	-	-	-	-
				Margin [dB]		.14	10.14	-	-	-	-
10	.46694	46.56 pk	10.5	0	57.06	56.6	46.6	-	-	-	-
				Margin [dB]		.46	10.46	-	-	-	-
11	.52697	45.47 pk	10.5	0	55.97	56	46	-	-	-	-
				Margin [dB]		-.03	9.97	-	-	-	-
12	.58988	44.21 pk	10.5	0	54.71	56	46	-	-	-	-
				Margin [dB]		-1.29	8.71	-	-	-	-
13	.64718	44.26 pk	10.4	0	54.66	56	46	-	-	-	-
				Margin [dB]		-1.34	8.66	-	-	-	-
14	.74325	41.76 pk	10.4	0	52.16	56	46	-	-	-	-
				Margin [dB]		-3.84	6.16	-	-	-	-
15	.81211	40.24 pk	10.4	0	50.64	56	46	-	-	-	-
				Margin [dB]		-5.36	4.64	-	-	-	-
16	.89832	39.31 pk	10.4	0	49.71	56	46	-	-	-	-
				Margin [dB]		-6.29	3.71	-	-	-	-
17	.99762	36.56 pk	10.4	0	46.96	56	46	-	-	-	-
				Margin [dB]		-9.04	.96	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 1 - 30MHz											
35	1.05801	35.64 pk	10.4	0	46.04	56	46	-	-	-	-
				Margin [dB]		-9.96	.04	-	-	-	-
36	1.11022	34.79 pk	10.3	0	45.09	56	46	-	-	-	-
				Margin [dB]		-10.91	-.91	-	-	-	-
37	1.23205	31.57 pk	10.3	0	41.87	56	46	-	-	-	-
				Margin [dB]		-14.13	-4.13	-	-	-	-
38	1.75415	34.08 pk	10.3	0	44.38	56	46	-	-	-	-
				Margin [dB]		-11.62	-1.62	-	-	-	-
39	1.93399	33.21 pk	10.3	0	43.51	56	46	-	-	-	-
				Margin [dB]		-12.49	-2.49	-	-	-	-
40	2.13703	31.46 pk	10.3	0	41.76	56	46	-	-	-	-
				Margin [dB]		-14.24	-4.24	-	-	-	-
41	3.10582	30.06 pk	10.4	0	40.46	56	46	-	-	-	-
				Margin [dB]		-15.54	-5.54	-	-	-	-
Neutral .15 - 1MHz											
18	.16853	50.07 pk	11.8	0	61.87	65	55	-	-	-	-
				Margin [dB]		-3.13	6.87	-	-	-	-
19	.19778	48.55 pk	11.5	0	60.05	63.7	53.7	-	-	-	-
				Margin [dB]		-3.65	6.35	-	-	-	-
20	.22073	48.18 pk	11.3	0	59.48	62.8	52.8	-	-	-	-
				Margin [dB]		-3.32	6.68	-	-	-	-
21	.26528	48.98 pk	11	0	59.98	61.3	51.3	-	-	-	-
				Margin [dB]		-1.32	8.68	-	-	-	-
22	.29555	48.02 pk	10.9	0	58.92	60.4	50.4	-	-	-	-
				Margin [dB]		-1.48	8.52	-	-	-	-
23	.3265	47.55 pk	10.8	0	58.35	59.5	49.5	-	-	-	-
				Margin [dB]		-1.15	8.85	-	-	-	-
24	.36186	47.59 pk	10.7	0	58.29	58.7	48.7	-	-	-	-
				Margin [dB]		-.41	9.59	-	-	-	-
25	.39111	47.07 pk	10.6	0	57.67	58	48	-	-	-	-
				Margin [dB]		-.33	9.67	-	-	-	-
26	.42444	46.29 pk	10.6	0	56.89	57.4	47.4	-	-	-	-
				Margin [dB]		-.51	9.49	-	-	-	-
27	.46405	45.82 pk	10.6	0	56.42	56.6	46.6	-	-	-	-
				Margin [dB]		-.18	9.82	-	-	-	-
28	.53088	44.91 pk	10.5	0	55.41	56	46	-	-	-	-
				Margin [dB]		-.59	9.41	-	-	-	-
29	.59379	43.8 pk	10.5	0	54.3	56	46	-	-	-	-
				Margin [dB]		-1.7	8.3	-	-	-	-
30	.65211	43.38 pk	10.5	0	53.88	56	46	-	-	-	-
				Margin [dB]		-2.12	7.88	-	-	-	-
31	.71893	41.61 pk	10.4	0	52.01	56	46	-	-	-	-
				Margin [dB]		-3.99	6.01	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Neutral .15 - 1MHz											
32	.80973	41.06 pk	10.4	0	51.46	56	46	-	-	-	-
				Margin [dB]		-4.54	5.46	-	-	-	-
33	.89798	39.16 pk	10.4	0	49.56	56	46	-	-	-	-
				Margin [dB]		-6.44	3.56	-	-	-	-
34	.99371	36.68 pk	10.4	0	47.08	56	46	-	-	-	-
				Margin [dB]		-8.92	1.08	-	-	-	-
Neutral 1 - 30MHz											
42	1.06381	35.7 pk	10.4	0	46.1	56	46	-	-	-	-
				Margin [dB]		-9.9	.1	-	-	-	-
43	1.12763	33.34 pk	10.4	0	43.74	56	46	-	-	-	-
				Margin [dB]		-12.26	-2.26	-	-	-	-
44	1.23785	30.26 pk	10.4	0	40.66	56	46	-	-	-	-
				Margin [dB]		-15.34	-5.34	-	-	-	-
45	1.77155	33.18 pk	10.4	0	43.58	56	46	-	-	-	-
				Margin [dB]		-12.42	-2.42	-	-	-	-
46	2.03261	32.79 pk	10.4	0	43.19	56	46	-	-	-	-
				Margin [dB]		-12.81	-2.81	-	-	-	-
47	2.19504	29.2 pk	10.4	0	39.6	56	46	-	-	-	-
				Margin [dB]		-16.4	-6.4	-	-	-	-
48	3.12323	29.91 pk	10.4	0	40.31	56	46	-	-	-	-
				Margin [dB]		-15.69	-5.69	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: BD
Packet Transmit Mode 434MHz

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz										
.16459	46.3 qp	11.9	0	58.2	65.2	55.2	-	-	-	-
			Margin [dB]:		-7	3	-	-	-	-
.19686	45.63 qp	11.4	0	57.03	63.7	53.7	-	-	-	-
			Margin [dB]:		-6.67	3.33	-	-	-	-
.22379	44.99 qp	11.2	0	56.19	62.7	52.7	-	-	-	-
			Margin [dB]:		-6.51	3.49	-	-	-	-
.26335	45.74 qp	11	0	56.74	61.3	51.3	-	-	-	-
			Margin [dB]:		-4.56	5.44	-	-	-	-
.28852	45.18 qp	10.9	0	56.08	60.6	50.6	-	-	-	-
			Margin [dB]:		-4.52	5.48	-	-	-	-
.32226	43.32 qp	10.8	0	54.12	59.6	49.6	-	-	-	-
			Margin [dB]:		-5.48	4.52	-	-	-	-
.35926	43.85 qp	10.7	0	54.55	58.7	48.7	-	-	-	-
			Margin [dB]:		-4.15	5.85	-	-	-	-
.38769	43.48 qp	10.6	0	54.08	58.1	48.1	-	-	-	-
			Margin [dB]:		-4.02	5.98	-	-	-	-
.42358	42.43 qp	10.6	0	53.03	57.4	47.4	-	-	-	-
			Margin [dB]:		-4.37	5.63	-	-	-	-
.46708	40.94 qp	10.5	0	51.44	56.6	46.6	-	-	-	-
			Margin [dB]:		-5.16	4.84	-	-	-	-
.52695	41.62 qp	10.5	0	52.12	56	46	-	-	-	-
			Margin [dB]:		-3.88	6.12	-	-	-	-
.59032	39.06 qp	10.5	0	49.56	56	46	-	-	-	-
			Margin [dB]:		-6.44	3.56	-	-	-	-
.64647	38.39 qp	10.4	0	48.79	56	46	-	-	-	-
			Margin [dB]:		-7.21	2.79	-	-	-	-
.74241	36.52 qp	10.4	0	46.92	56	46	-	-	-	-
			Margin [dB]:		-9.08	.92	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz										
.81171	34.9 qp	10.4	0	45.3	56	46	-	-	-	-
			Margin [dB]:		-10.7	-.7	-	-	-	-
.89787	33.68 qp	10.4	0	44.08	56	46	-	-	-	-
			Margin [dB]:		-11.92	-1.92	-	-	-	-
.99631	32.4 qp	10.4	0	42.8	56	46	-	-	-	-
			Margin [dB]:		-13.2	-3.2	-	-	-	-
Line - L1 1 - 30MHz										
1.05052	31.98 qp	10.4	0	42.38	56	46	-	-	-	-
			Margin [dB]:		-13.62	-3.62	-	-	-	-
1.09782	30.52 qp	10.4	0	40.92	56	46	-	-	-	-
			Margin [dB]:		-15.08	-5.08	-	-	-	-
1.226	26.1 qp	10.3	0	36.4	56	46	-	-	-	-
			Margin [dB]:		-19.6	-9.6	-	-	-	-
1.74247	28.65 qp	10.3	0	38.95	56	46	-	-	-	-
			Margin [dB]:		-17.05	-7.05	-	-	-	-
1.92986	30.07 qp	10.3	0	40.37	56	46	-	-	-	-
			Margin [dB]:		-15.63	-5.63	-	-	-	-
2.1199	28.64 qp	10.3	0	38.94	56	46	-	-	-	-
			Margin [dB]:		-17.06	-7.06	-	-	-	-
3.09018	27.71 qp	10.4	0	38.11	56	46	-	-	-	-
			Margin [dB]:		-17.89	-7.89	-	-	-	-
Neutral .15 - 1MHz										
.16808	44.31 qp	11.8	0	56.11	65.1	55.1	-	-	-	-
			Margin [dB]:		-8.99	1.01	-	-	-	-
.19731	45.64 qp	11.5	0	57.14	63.7	53.7	-	-	-	-
			Margin [dB]:		-6.56	3.44	-	-	-	-
.22025	44.31 qp	11.3	0	55.61	62.8	52.8	-	-	-	-
			Margin [dB]:		-7.19	2.81	-	-	-	-
.26505	45.39 qp	11	0	56.39	61.3	51.3	-	-	-	-
			Margin [dB]:		-4.91	5.09	-	-	-	-
.29529	45.12 qp	10.9	0	56.02	60.4	50.4	-	-	-	-
			Margin [dB]:		-4.38	5.62	-	-	-	-
.32561	43.38 qp	10.8	0	54.18	59.6	49.6	-	-	-	-
			Margin [dB]:		-5.42	4.58	-	-	-	-
.36059	44.12 qp	10.7	0	54.82	58.7	48.7	-	-	-	-
			Margin [dB]:		-3.88	6.12	-	-	-	-
.39183	43.73 qp	10.6	0	54.33	58	48	-	-	-	-
			Margin [dB]:		-3.67	6.33	-	-	-	-
.42477	42.66 qp	10.6	0	53.26	57.4	47.4	-	-	-	-
			Margin [dB]:		-4.14	5.86	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Neutral .15 - 1MHz										
.46376	41.87 qp	10.6	0	52.47	56.6	46.6	-	-	-	-
			Margin [dB]:		-4.13	5.87	-	-	-	-
.53012	41.46 qp	10.5	0	51.96	56	46	-	-	-	-
			Margin [dB]:		-4.04	5.96	-	-	-	-
.59364	40.24 qp	10.5	0	50.74	56	46	-	-	-	-
			Margin [dB]:		-5.26	4.74	-	-	-	-
.65126	38.25 qp	10.5	0	48.75	56	46	-	-	-	-
			Margin [dB]:		-7.25	2.75	-	-	-	-
.71796	36.38 qp	10.4	0	46.78	56	46	-	-	-	-
			Margin [dB]:		-9.22	.78	-	-	-	-
.80954	35.7 qp	10.4	0	46.1	56	46	-	-	-	-
			Margin [dB]:		-9.9	.1	-	-	-	-
.89711	33.8 qp	10.4	0	44.2	56	46	-	-	-	-
			Margin [dB]:		-11.8	-1.8	-	-	-	-
.9933	32.42 qp	10.4	0	42.82	56	46	-	-	-	-
			Margin [dB]:		-13.18	-3.18	-	-	-	-
Neutral 1 - 30MHz										
1.05165	31.81 qp	10.4	0	42.21	56	46	-	-	-	-
			Margin [dB]:		-13.79	-3.79	-	-	-	-
1.10184	30 qp	10.4	0	40.4	56	46	-	-	-	-
			Margin [dB]:		-15.6	-5.6	-	-	-	-
1.22868	26.41 qp	10.4	0	36.81	56	46	-	-	-	-
			Margin [dB]:		-19.19	-9.19	-	-	-	-
1.76466	28.43 qp	10.4	0	38.83	56	46	-	-	-	-
			Margin [dB]:		-17.17	-7.17	-	-	-	-
2.02452	29.69 qp	10.4	0	40.09	56	46	-	-	-	-
			Margin [dB]:		-15.91	-5.91	-	-	-	-
2.19055	29.95 qp	10.4	0	40.35	56	46	-	-	-	-
			Margin [dB]:		-15.65	-5.65	-	-	-	-
3.12964	28.36 qp	10.4	0	38.76	56	46	-	-	-	-
			Margin [dB]:		-17.24	-7.24	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: BD
Packet Transmit Mode 434MHz

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz										
.16376	32.01 ave	11.9	0	43.91	65.3	55.3	-	-	-	-
			Margin [dB]:		-21.39	-11.39	-	-	-	-
.19694	29.45 ave	11.4	0	40.85	63.7	53.7	-	-	-	-
			Margin [dB]:		-22.85	-12.85	-	-	-	-
.2255	29.34 ave	11.2	0	40.54	62.6	52.6	-	-	-	-
			Margin [dB]:		-22.06	-12.06	-	-	-	-
.26373	30.04 ave	11	0	41.04	61.3	51.3	-	-	-	-
			Margin [dB]:		-20.26	-10.26	-	-	-	-
.29048	29.81 ave	10.9	0	40.71	60.5	50.5	-	-	-	-
			Margin [dB]:		-19.79	-9.79	-	-	-	-
.32398	28.1 ave	10.8	0	38.9	59.6	49.6	-	-	-	-
			Margin [dB]:		-20.7	-10.7	-	-	-	-
.35955	28.16 ave	10.7	0	38.86	58.7	48.7	-	-	-	-
			Margin [dB]:		-19.84	-9.84	-	-	-	-
.38903	28.52 ave	10.6	0	39.12	58.1	48.1	-	-	-	-
			Margin [dB]:		-18.98	-8.98	-	-	-	-
.42391	28.94 ave	10.6	0	39.54	57.4	47.4	-	-	-	-
			Margin [dB]:		-17.86	-7.86	-	-	-	-
.46627	26.8 ave	10.5	0	37.3	56.6	46.6	-	-	-	-
			Margin [dB]:		-19.3	-9.3	-	-	-	-
.52815	26.99 ave	10.5	0	37.49	56	46	-	-	-	-
			Margin [dB]:		-18.51	-8.51	-	-	-	-
.59036	26.3 ave	10.5	0	36.8	56	46	-	-	-	-
			Margin [dB]:		-19.2	-9.2	-	-	-	-
.64757	24.69 ave	10.4	0	35.09	56	46	-	-	-	-
			Margin [dB]:		-20.91	-10.91	-	-	-	-
.74262	24.47 ave	10.4	0	34.87	56	46	-	-	-	-
			Margin [dB]:		-21.13	-11.13	-	-	-	-
.81245	24.16 ave	10.4	0	34.56	56	46	-	-	-	-
			Margin [dB]:		-21.44	-11.44	-	-	-	-
.89699	24.05 ave	10.4	0	34.45	56	46	-	-	-	-
			Margin [dB]:		-21.55	-11.55	-	-	-	-
.99722	23.71 ave	10.4	0	34.11	56	46	-	-	-	-
			Margin [dB]:		-21.89	-11.89	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).
pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

Frequency [MHz]	Reading [dB(uV)]	Factor [dB]	Factor [dB]	[dB(uVolts)]						
Line - L1 1 - 30MHz										
1.05995	23.38 ave	10.4	0	33.78	56	46	-	-	-	-
			Margin [dB]:		-22.22	-12.22	-	-	-	-
1.10725	21.75 ave	10.3	0	32.05	56	46	-	-	-	-
			Margin [dB]:		-23.95	-13.95	-	-	-	-
1.23485	14.53 ave	10.3	0	24.83	56	46	-	-	-	-
			Margin [dB]:		-31.17	-21.17	-	-	-	-
1.76316	23.58 ave	10.3	0	33.88	56	46	-	-	-	-
			Margin [dB]:		-22.12	-12.12	-	-	-	-
1.90657	25 ave	10.3	0	35.3	56	46	-	-	-	-
			Margin [dB]:		-20.7	-10.7	-	-	-	-
2.13563	23.39 ave	10.3	0	33.69	56	46	-	-	-	-
			Margin [dB]:		-22.31	-12.31	-	-	-	-
3.09559	23.16 ave	10.4	0	33.56	56	46	-	-	-	-
			Margin [dB]:		-22.44	-12.44	-	-	-	-
Neutral .15 - 1MHz										
.16715	30.23 ave	11.8	0	42.03	65.1	55.1	-	-	-	-
			Margin [dB]:		-23.07	-13.07	-	-	-	-
.19775	29.03 ave	11.5	0	40.53	63.7	53.7	-	-	-	-
			Margin [dB]:		-23.17	-13.17	-	-	-	-
.22169	27.99 ave	11.2	0	39.19	62.8	52.8	-	-	-	-
			Margin [dB]:		-23.61	-13.61	-	-	-	-
.26379	30 ave	11	0	41	61.3	51.3	-	-	-	-
			Margin [dB]:		-20.3	-10.3	-	-	-	-
.29466	30.75 ave	10.9	0	41.65	60.4	50.4	-	-	-	-
			Margin [dB]:		-18.75	-8.75	-	-	-	-
.3271	28.82 ave	10.8	0	39.62	59.5	49.5	-	-	-	-
			Margin [dB]:		-19.88	-9.88	-	-	-	-
.36216	28.38 ave	10.7	0	39.08	58.7	48.7	-	-	-	-
			Margin [dB]:		-19.62	-9.62	-	-	-	-
.39265	28.54 ave	10.6	0	39.14	58	48	-	-	-	-
			Margin [dB]:		-18.86	-8.86	-	-	-	-
.42488	28.9 ave	10.6	0	39.5	57.4	47.4	-	-	-	-
			Margin [dB]:		-17.9	-7.9	-	-	-	-
.46325	27.49 ave	10.6	0	38.09	56.6	46.6	-	-	-	-
			Margin [dB]:		-18.51	-8.51	-	-	-	-
.52986	26.89 ave	10.5	0	37.39	56	46	-	-	-	-
			Margin [dB]:		-18.61	-8.61	-	-	-	-
.59417	26.46 ave	10.5	0	36.96	56	46	-	-	-	-
			Margin [dB]:		-19.04	-9.04	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

Frequency [MHz]	Reading [dB(uV)]	Factor [dB]	Factor [dB]	[dB(uVolts)]						
Neutral .15 - 1MHz										
.65282	23.86 ave	10.5	0	34.36	56	46	-	-	-	-
			Margin [dB]:		-21.64	-11.64	-	-	-	-
.71913	24.4 ave	10.4	0	34.8	56	46	-	-	-	-
			Margin [dB]:		-21.2	-11.2	-	-	-	-
.8102	23.63 ave	10.4	0	34.03	56	46	-	-	-	-
			Margin [dB]:		-21.97	-11.97	-	-	-	-
.89656	24.06 ave	10.4	0	34.46	56	46	-	-	-	-
			Margin [dB]:		-21.54	-11.54	-	-	-	-
.99497	23.53 ave	10.4	0	33.93	56	46	-	-	-	-
			Margin [dB]:		-22.07	-12.07	-	-	-	-
Neutral 1 - 30MHz										
1.05758	23.17 ave	10.4	0	33.57	56	46	-	-	-	-
			Margin [dB]:		-22.43	-12.43	-	-	-	-
1.11002	21.31 ave	10.4	0	31.71	56	46	-	-	-	-
			Margin [dB]:		-24.29	-14.29	-	-	-	-
1.23092	14.01 ave	10.4	0	24.41	56	46	-	-	-	-
			Margin [dB]:		-31.59	-21.59	-	-	-	-
1.77758	24.25 ave	10.4	0	34.65	56	46	-	-	-	-
			Margin [dB]:		-21.35	-11.35	-	-	-	-
2.02402	22.77 ave	10.4	0	33.17	56	46	-	-	-	-
			Margin [dB]:		-22.83	-12.83	-	-	-	-
2.17211	21.82 ave	10.4	0	32.22	56	46	-	-	-	-
			Margin [dB]:		-23.78	-13.78	-	-	-	-
3.13737	23.09 ave	10.4	0	33.49	56	46	-	-	-	-
			Margin [dB]:		-22.51	-12.51	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

Figure 8 Conducted Emissions Graph

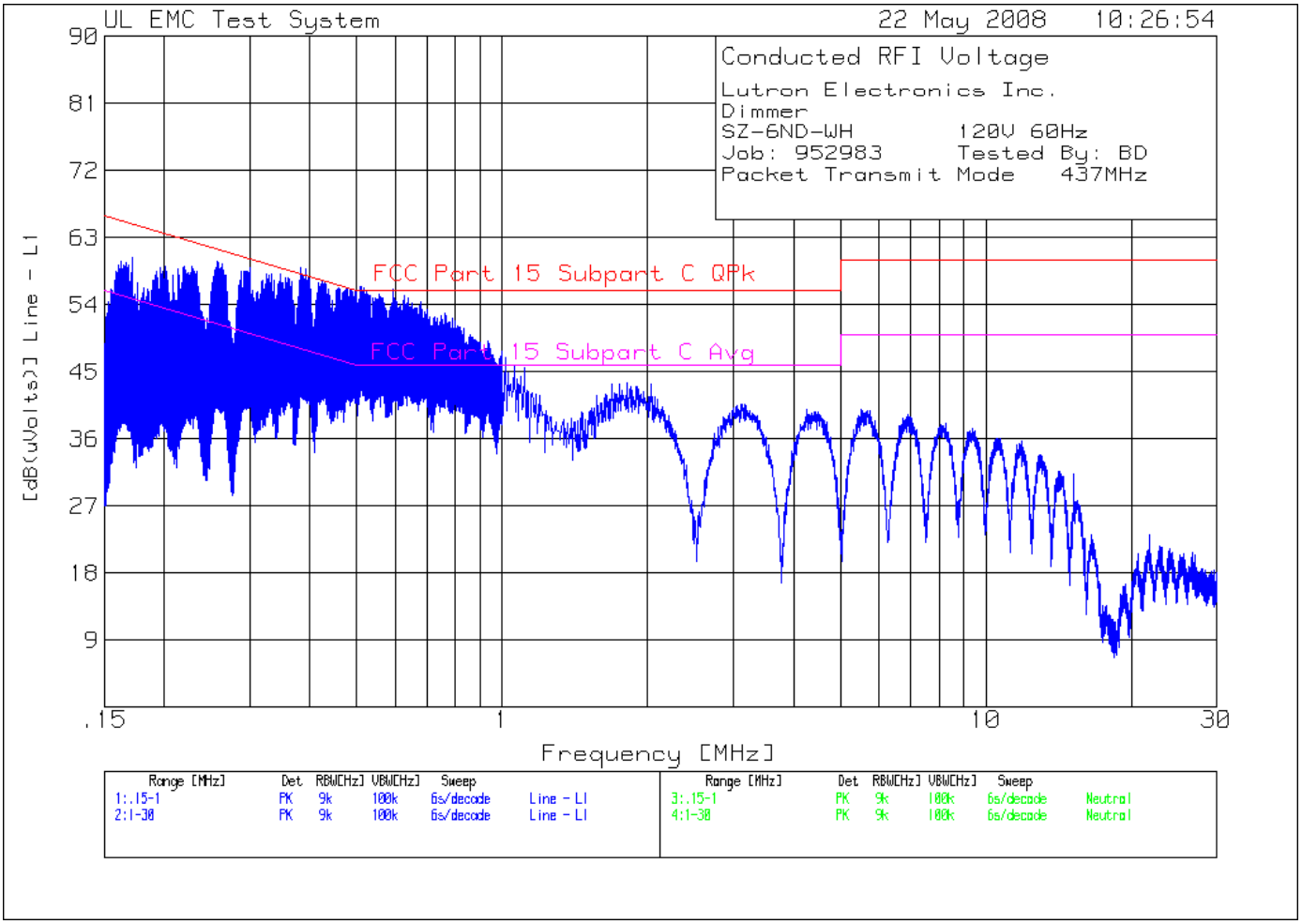


Figure 9 Conducted Emissions Graph

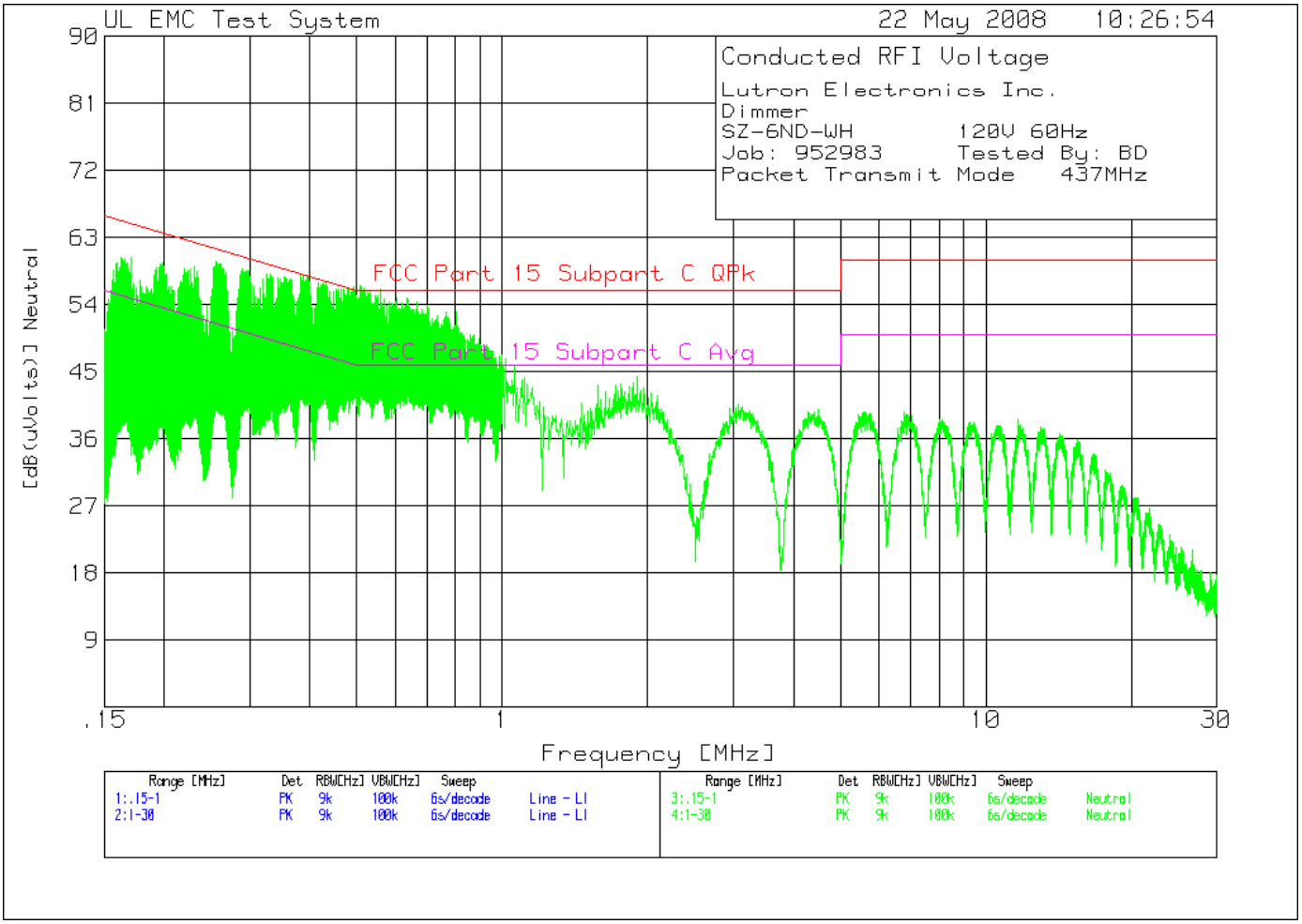


Table 6 Conducted Emissions Data Points

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: BD
Packet Transmit Mode 437MHz

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz											
1	.16292	47.96 pk	11.9	0	59.86	65.3	55.3	-	-	-	-
				Margin [dB]		-5.44	4.56	-	-	-	-
2	.19625	47.41 pk	11.5	0	58.91	63.8	53.8	-	-	-	-
				Margin [dB]		-4.89	5.11	-	-	-	-
3	.22022	47.88 pk	11.2	0	59.08	62.8	52.8	-	-	-	-
				Margin [dB]		-3.72	6.28	-	-	-	-
4	.25661	48.88 pk	11	0	59.88	61.5	51.5	-	-	-	-
				Margin [dB]		-1.62	8.38	-	-	-	-
5	.29419	47.65 pk	10.9	0	58.55	60.4	50.4	-	-	-	-
				Margin [dB]		-1.85	8.15	-	-	-	-
6	.33262	47.3 pk	10.8	0	58.1	59.4	49.4	-	-	-	-
				Margin [dB]		-1.3	8.7	-	-	-	-
7	.35557	47.01 pk	10.7	0	57.71	58.8	48.8	-	-	-	-
				Margin [dB]		-1.09	8.91	-	-	-	-
8	.39723	47.07 pk	10.6	0	57.67	57.9	47.9	-	-	-	-
				Margin [dB]		-.23	9.77	-	-	-	-
9	.43872	44.64 pk	10.6	0	55.24	57.1	47.1	-	-	-	-
				Margin [dB]		-1.86	8.14	-	-	-	-
10	.47936	45.85 pk	10.5	0	56.35	56.4	46.4	-	-	-	-
				Margin [dB]		-.05	9.95	-	-	-	-
11	.51166	45.93 pk	10.5	0	56.43	56	46	-	-	-	-
				Margin [dB]		.43	10.43	-	-	-	-
12	.56573	44.44 pk	10.5	0	54.94	56	46	-	-	-	-
				Margin [dB]		-1.06	8.94	-	-	-	-
13	.6346	43.82 pk	10.4	0	54.22	56	46	-	-	-	-
				Margin [dB]		-1.78	8.22	-	-	-	-
14	.70669	41.92 pk	10.4	0	52.32	56	46	-	-	-	-
				Margin [dB]		-3.68	6.32	-	-	-	-
15	.79086	41.85 pk	10.4	0	52.25	56	46	-	-	-	-
				Margin [dB]		-3.75	6.25	-	-	-	-
16	.8604	39.65 pk	10.4	0	50.05	56	46	-	-	-	-
				Margin [dB]		-5.95	4.05	-	-	-	-
17	.96548	35.87 pk	10.4	0	46.27	56	46	-	-	-	-
				Margin [dB]		-9.73	.27	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 1 - 30MHz											
35	1.0174	36.52 pk	10.4	0	46.92	56	46	-	-	-	-
				Margin [dB]		-9.08	.92	-	-	-	-
36	1.05801	35.27 pk	10.4	0	45.67	56	46	-	-	-	-
				Margin [dB]		-10.33	-.33	-	-	-	-
37	1.11022	35.32 pk	10.3	0	45.62	56	46	-	-	-	-
				Margin [dB]		-10.38	-.38	-	-	-	-
38	1.13343	32.01 pk	10.3	0	42.31	56	46	-	-	-	-
				Margin [dB]		-13.69	-3.69	-	-	-	-
39	1.23205	29.48 pk	10.3	0	39.78	56	46	-	-	-	-
				Margin [dB]		-16.22	-6.22	-	-	-	-
40	1.56271	31.47 pk	10.3	0	41.77	56	46	-	-	-	-
				Margin [dB]		-14.23	-4.23	-	-	-	-
41	1.81216	33.31 pk	10.3	0	43.61	56	46	-	-	-	-
				Margin [dB]		-12.39	-2.39	-	-	-	-
42	2.02681	33.1 pk	10.3	0	43.4	56	46	-	-	-	-
				Margin [dB]		-12.6	-2.6	-	-	-	-
43	2.14863	29.99 pk	10.3	0	40.29	56	46	-	-	-	-
				Margin [dB]		-15.71	-5.71	-	-	-	-
44	3.11742	30.3 pk	10.4	0	40.7	56	46	-	-	-	-
				Margin [dB]		-15.3	-5.3	-	-	-	-
45	4.42269	29.26 pk	10.4	0	39.66	56	46	-	-	-	-
				Margin [dB]		-16.34	-6.34	-	-	-	-
Neutral .15 - 1MHz											
18	.16241	48.41 pk	11.9	0	60.31	65.3	55.3	-	-	-	-
				Margin [dB]		-4.99	5.01	-	-	-	-
19	.19897	48.27 pk	11.4	0	59.67	63.7	53.7	-	-	-	-
				Margin [dB]		-4.03	5.97	-	-	-	-
20	.22601	47.6 pk	11.2	0	58.8	62.6	52.6	-	-	-	-
				Margin [dB]		-3.8	6.2	-	-	-	-
21	.25593	48.8 pk	11	0	59.8	61.6	51.6	-	-	-	-
				Margin [dB]		-1.8	8.2	-	-	-	-
22	.29776	47.75 pk	10.9	0	58.65	60.3	50.3	-	-	-	-
				Margin [dB]		-1.65	8.35	-	-	-	-
23	.33058	47.36 pk	10.8	0	58.16	59.4	49.4	-	-	-	-
				Margin [dB]		-1.24	8.76	-	-	-	-
24	.35455	47.07 pk	10.7	0	57.77	58.9	48.9	-	-	-	-
				Margin [dB]		-1.13	8.87	-	-	-	-
25	.39502	47.19 pk	10.6	0	57.79	58	48	-	-	-	-
				Margin [dB]		-.21	9.79	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Neutral .15 - 1MHz											
26	.43209	46.28 pk	10.6	0	56.88	57.2	47.2	-	-	-	-
				Margin [dB]		-.32	9.68	-	-	-	-
27	.47068	45.58 pk	10.5	0	56.08	56.5	46.5	-	-	-	-
				Margin [dB]		-.42	9.58	-	-	-	-
28	.50877	46.13 pk	10.5	0	56.63	56	46	-	-	-	-
				Margin [dB]		.63	10.63	-	-	-	-
29	.55247	44.74 pk	10.5	0	55.24	56	46	-	-	-	-
				Margin [dB]		-.76	9.24	-	-	-	-
30	.63528	44.42 pk	10.5	0	54.92	56	46	-	-	-	-
				Margin [dB]		-1.08	8.92	-	-	-	-
31	.69989	43.43 pk	10.4	0	53.83	56	46	-	-	-	-
				Margin [dB]		-2.17	7.83	-	-	-	-
32	.79256	40.68 pk	10.4	0	51.08	56	46	-	-	-	-
				Margin [dB]		-4.92	5.08	-	-	-	-
33	.87503	39.59 pk	10.4	0	49.99	56	46	-	-	-	-
				Margin [dB]		-6.01	3.99	-	-	-	-
34	.96837	36.62 pk	10.4	0	47.02	56	46	-	-	-	-
				Margin [dB]		-8.98	1.02	-	-	-	-
Neutral 1 - 30MHz											
46	1.05801	35.52 pk	10.4	0	45.92	56	46	-	-	-	-
				Margin [dB]		-10.08	-.08	-	-	-	-
47	1.12182	32.9 pk	10.4	0	43.3	56	46	-	-	-	-
				Margin [dB]		-12.7	-2.7	-	-	-	-
48	1.19144	30.58 pk	10.4	0	40.98	56	46	-	-	-	-
				Margin [dB]		-15.02	-5.02	-	-	-	-
49	1.58012	32.88 pk	10.4	0	43.28	56	46	-	-	-	-
				Margin [dB]		-12.72	-2.72	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: BD
Packet Transmit Mode 437MHz

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz										
.16117	45.9 qp	11.9	0	57.8	65.4	55.4	-	-	-	-
			Margin [dB]:		-7.6	2.4	-	-	-	-
.1945	44.57 qp	11.5	0	56.07	63.8	53.8	-	-	-	-
			Margin [dB]:		-7.73	2.27	-	-	-	-
.21847	43.5 qp	11.3	0	54.8	62.9	52.9	-	-	-	-
			Margin [dB]:		-8.1	1.9	-	-	-	-
.25486	46.18 qp	11	0	57.18	61.6	51.6	-	-	-	-
			Margin [dB]:		-4.42	5.58	-	-	-	-
.29244	44.72 qp	10.9	0	55.62	60.5	50.5	-	-	-	-
			Margin [dB]:		-4.88	5.12	-	-	-	-
.33087	43.79 qp	10.8	0	54.59	59.4	49.4	-	-	-	-
			Margin [dB]:		-4.81	5.19	-	-	-	-
.35382	43.2 qp	10.7	0	53.9	58.9	48.9	-	-	-	-
			Margin [dB]:		-5	5	-	-	-	-
.39548	44.09 qp	10.6	0	54.69	57.9	47.9	-	-	-	-
			Margin [dB]:		-3.21	6.79	-	-	-	-
.43697	39.3 qp	10.6	0	49.9	57.1	47.1	-	-	-	-
			Margin [dB]:		-7.2	2.8	-	-	-	-
.47761	41.11 qp	10.5	0	51.61	56.4	46.4	-	-	-	-
			Margin [dB]:		-4.79	5.21	-	-	-	-
.50991	42.4 qp	10.5	0	52.9	56	46	-	-	-	-
			Margin [dB]:		-3.1	6.9	-	-	-	-
.56398	40.69 qp	10.5	0	51.19	56	46	-	-	-	-
			Margin [dB]:		-4.81	5.19	-	-	-	-
.63285	40.05 qp	10.4	0	50.45	56	46	-	-	-	-
			Margin [dB]:		-5.55	4.45	-	-	-	-
.70494	36.63 qp	10.4	0	47.03	56	46	-	-	-	-
			Margin [dB]:		-8.97	1.03	-	-	-	-
.78911	35.93 qp	10.4	0	46.33	56	46	-	-	-	-
			Margin [dB]:		-9.67	.33	-	-	-	-
.85865	35.45 qp	10.4	0	45.85	56	46	-	-	-	-
			Margin [dB]:		-10.15	-.15	-	-	-	-
.96373	32.06 qp	10.4	0	42.46	56	46	-	-	-	-
			Margin [dB]:		-13.54	-3.54	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).
pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 1 - 30MHz										
1	31.62 qp	10.4	0	42.02	56	46	-	-	-	-
			Margin [dB]:		-13.98	-3.98	-	-	-	-
1.02811	30.03 qp	10.4	0	40.43	56	46	-	-	-	-
			Margin [dB]:		-15.57	-5.57	-	-	-	-
1.08032	28.75 qp	10.4	0	39.15	56	46	-	-	-	-
			Margin [dB]:		-16.85	-6.85	-	-	-	-
1.10353	30.04 qp	10.3	0	40.34	56	46	-	-	-	-
			Margin [dB]:		-15.66	-5.66	-	-	-	-
1.20215	25.49 qp	10.3	0	35.79	56	46	-	-	-	-
			Margin [dB]:		-20.21	-10.21	-	-	-	-
1.53281	23.92 qp	10.3	0	34.22	56	46	-	-	-	-
			Margin [dB]:		-21.78	-11.78	-	-	-	-
1.78226	28.01 qp	10.3	0	38.31	56	46	-	-	-	-
			Margin [dB]:		-17.69	-7.69	-	-	-	-
1.99691	30.88 qp	10.3	0	41.18	56	46	-	-	-	-
			Margin [dB]:		-14.82	-4.82	-	-	-	-
2.11873	28.62 qp	10.3	0	38.92	56	46	-	-	-	-
			Margin [dB]:		-17.08	-7.08	-	-	-	-
3.08752	26.94 qp	10.4	0	37.34	56	46	-	-	-	-
			Margin [dB]:		-18.66	-8.66	-	-	-	-
4.39279	26.37 qp	10.4	0	36.77	56	46	-	-	-	-
			Margin [dB]:		-19.23	-9.23	-	-	-	-
Neutral .15 - 1MHz										
.16066	46.19 qp	11.9	0	58.09	65.4	55.4	-	-	-	-
			Margin [dB]:		-7.31	2.69	-	-	-	-
.19722	45.24 qp	11.5	0	56.74	63.7	53.7	-	-	-	-
			Margin [dB]:		-6.96	3.04	-	-	-	-
.22426	44.48 qp	11.2	0	55.68	62.7	52.7	-	-	-	-
			Margin [dB]:		-7.02	2.98	-	-	-	-
.25418	45.91 qp	11	0	56.91	61.6	51.6	-	-	-	-
			Margin [dB]:		-4.69	5.31	-	-	-	-
.29601	44.89 qp	10.9	0	55.79	60.4	50.4	-	-	-	-
			Margin [dB]:		-4.61	5.39	-	-	-	-
.32883	44.04 qp	10.8	0	54.84	59.5	49.5	-	-	-	-
			Margin [dB]:		-4.66	5.34	-	-	-	-
.3528	43.31 qp	10.7	0	54.01	58.9	48.9	-	-	-	-
			Margin [dB]:		-4.89	5.11	-	-	-	-
.39327	43.6 qp	10.6	0	54.2	58	48	-	-	-	-
			Margin [dB]:		-3.8	6.2	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Neutral .15 - 1MHz										
.43034	42.88 qp	10.6	0	53.48	57.2	47.2	-	-	-	-
			Margin [dB]:		-3.72	6.28	-	-	-	-
.46893	39.62 qp	10.5	0	50.12	56.5	46.5	-	-	-	-
			Margin [dB]:		-6.38	3.62	-	-	-	-
.50702	40.98 qp	10.5	0	51.48	56	46	-	-	-	-
			Margin [dB]:		-4.52	5.48	-	-	-	-
.55072	40.21 qp	10.5	0	50.71	56	46	-	-	-	-
			Margin [dB]:		-5.29	4.71	-	-	-	-
.63353	39.77 qp	10.5	0	50.27	56	46	-	-	-	-
			Margin [dB]:		-5.73	4.27	-	-	-	-
.69814	38.24 qp	10.4	0	48.64	56	46	-	-	-	-
			Margin [dB]:		-7.36	2.64	-	-	-	-
.79081	36.13 qp	10.4	0	46.53	56	46	-	-	-	-
			Margin [dB]:		-9.47	.53	-	-	-	-
.87328	33.65 qp	10.4	0	44.05	56	46	-	-	-	-
			Margin [dB]:		-11.95	-1.95	-	-	-	-
.96662	31.03 qp	10.4	0	41.43	56	46	-	-	-	-
			Margin [dB]:		-14.57	-4.57	-	-	-	-
Neutral 1 - 30MHz										
1.02811	29.75 qp	10.4	0	40.15	56	46	-	-	-	-
			Margin [dB]:		-15.85	-5.85	-	-	-	-
1.09192	29.9 qp	10.4	0	40.3	56	46	-	-	-	-
			Margin [dB]:		-15.7	-5.7	-	-	-	-
1.16154	28.11 qp	10.4	0	38.51	56	46	-	-	-	-
			Margin [dB]:		-17.49	-7.49	-	-	-	-
1.55022	24.15 qp	10.3	0	34.45	56	46	-	-	-	-
			Margin [dB]:		-21.55	-11.55	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: BD
Packet Transmit Mode 437MHz

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz										
.16363	31.99 ave	11.9	0	43.89	65.3	55.3	-	-	-	-
			Margin [dB]:		-21.41	-11.41	-	-	-	-
.19684	29.33 ave	11.4	0	40.73	63.7	53.7	-	-	-	-
			Margin [dB]:		-22.97	-12.97	-	-	-	-
.2213	27.81 ave	11.2	0	39.01	62.8	52.8	-	-	-	-
			Margin [dB]:		-23.79	-13.79	-	-	-	-
.25829	30.72 ave	11	0	41.72	61.5	51.5	-	-	-	-
			Margin [dB]:		-19.78	-9.78	-	-	-	-
.2955	30.83 ave	10.9	0	41.73	60.4	50.4	-	-	-	-
			Margin [dB]:		-18.67	-8.67	-	-	-	-
.3314	28.37 ave	10.8	0	39.17	59.4	49.4	-	-	-	-
			Margin [dB]:		-20.23	-10.23	-	-	-	-
.35593	27.9 ave	10.7	0	38.6	58.8	48.8	-	-	-	-
			Margin [dB]:		-20.2	-10.2	-	-	-	-
.39585	28.7 ave	10.6	0	39.3	57.9	47.9	-	-	-	-
			Margin [dB]:		-18.6	-8.6	-	-	-	-
.43831	26.01 ave	10.6	0	36.61	57.1	47.1	-	-	-	-
			Margin [dB]:		-20.49	-10.49	-	-	-	-
.47893	27.01 ave	10.5	0	37.51	56.4	46.4	-	-	-	-
			Margin [dB]:		-18.89	-8.89	-	-	-	-
.51266	27 ave	10.5	0	37.5	56	46	-	-	-	-
			Margin [dB]:		-18.5	-8.5	-	-	-	-
.56588	27.77 ave	10.5	0	38.27	56	46	-	-	-	-
			Margin [dB]:		-17.73	-7.73	-	-	-	-
.6349	26.2 ave	10.4	0	36.6	56	46	-	-	-	-
			Margin [dB]:		-19.4	-9.4	-	-	-	-
.70631	24.99 ave	10.4	0	35.39	56	46	-	-	-	-
			Margin [dB]:		-20.61	-10.61	-	-	-	-
.79233	24.26 ave	10.4	0	34.66	56	46	-	-	-	-
			Margin [dB]:		-21.34	-11.34	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Line - L1 .15 - 1MHz										
.8605	25.54 ave	10.4	0	35.94	56	46	-	-	-	-
			Margin [dB]:		-20.06	-10.06	-	-	-	-
.96467	21.74 ave	10.4	0	32.14	56	46	-	-	-	-
			Margin [dB]:		-23.86	-13.86	-	-	-	-
Line - L1 1 - 30MHz										
1.0473	21.85 ave	10.4	0	32.25	56	46	-	-	-	-
			Margin [dB]:		-23.75	-13.75	-	-	-	-
1.05909	23.34 ave	10.4	0	33.74	56	46	-	-	-	-
			Margin [dB]:		-22.26	-12.26	-	-	-	-
1.10884	21.95 ave	10.3	0	32.25	56	46	-	-	-	-
			Margin [dB]:		-23.75	-13.75	-	-	-	-
1.10892	21.71 ave	10.3	0	32.01	56	46	-	-	-	-
			Margin [dB]:		-23.99	-13.99	-	-	-	-
1.2352	14.88 ave	10.3	0	25.18	56	46	-	-	-	-
			Margin [dB]:		-30.82	-20.82	-	-	-	-
1.58776	21.92 ave	10.3	0	32.22	56	46	-	-	-	-
			Margin [dB]:		-23.78	-13.78	-	-	-	-
1.83183	24.59 ave	10.3	0	34.89	56	46	-	-	-	-
			Margin [dB]:		-21.11	-11.11	-	-	-	-
2.00632	23.97 ave	10.3	0	34.27	56	46	-	-	-	-
			Margin [dB]:		-21.73	-11.73	-	-	-	-
2.13605	23.71 ave	10.3	0	34.01	56	46	-	-	-	-
			Margin [dB]:		-21.99	-11.99	-	-	-	-
3.12208	22.77 ave	10.4	0	33.17	56	46	-	-	-	-
			Margin [dB]:		-22.83	-12.83	-	-	-	-
4.42263	22.63 ave	10.4	0	33.03	56	46	-	-	-	-
			Margin [dB]:		-22.97	-12.97	-	-	-	-
Neutral .15 - 1MHz										
.16366	31.82 ave	11.9	0	43.72	65.3	55.3	-	-	-	-
			Margin [dB]:		-21.58	-11.58	-	-	-	-
.1983	29.31 ave	11.5	0	40.81	63.7	53.7	-	-	-	-
			Margin [dB]:		-22.89	-12.89	-	-	-	-
.22583	29.25 ave	11.2	0	40.45	62.6	52.6	-	-	-	-
			Margin [dB]:		-22.15	-12.15	-	-	-	-
.25747	30.65 ave	11	0	41.65	61.5	51.5	-	-	-	-
			Margin [dB]:		-19.85	-9.85	-	-	-	-
.29637	30.57 ave	10.9	0	41.47	60.3	50.3	-	-	-	-
			Margin [dB]:		-18.83	-8.83	-	-	-	-
.32956	29.22 ave	10.8	0	40.02	59.5	49.5	-	-	-	-
			Margin [dB]:		-19.48	-9.48	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level [dB(uVolts)]	Limit:1	2	3	4	5	6
Neutral .15 - 1MHz										
.35465	27.83 ave	10.7	0	38.53	58.9	48.9	-	-	-	-
			Margin [dB]:		-20.37	-10.37	-	-	-	-
.39414	28.56 ave	10.6	0	39.16	58	48	-	-	-	-
			Margin [dB]:		-18.84	-8.84	-	-	-	-
.43115	28.17 ave	10.6	0	38.77	57.2	47.2	-	-	-	-
			Margin [dB]:		-18.43	-8.43	-	-	-	-
.4709	25.89 ave	10.5	0	36.39	56.5	46.5	-	-	-	-
			Margin [dB]:		-20.11	-10.11	-	-	-	-
.50989	25.99 ave	10.5	0	36.49	56	46	-	-	-	-
			Margin [dB]:		-19.51	-9.51	-	-	-	-
.55274	26.67 ave	10.5	0	37.17	56	46	-	-	-	-
			Margin [dB]:		-18.83	-8.83	-	-	-	-
.63604	25.94 ave	10.5	0	36.44	56	46	-	-	-	-
			Margin [dB]:		-19.56	-9.56	-	-	-	-
.69902	26.52 ave	10.4	0	36.92	56	46	-	-	-	-
			Margin [dB]:		-19.08	-9.08	-	-	-	-
.79371	24.9 ave	10.4	0	35.3	56	46	-	-	-	-
			Margin [dB]:		-20.7	-10.7	-	-	-	-
.87413	23.06 ave	10.4	0	33.46	56	46	-	-	-	-
			Margin [dB]:		-22.54	-12.54	-	-	-	-
.96744	20.53 ave	10.4	0	30.93	56	46	-	-	-	-
			Margin [dB]:		-25.07	-15.07	-	-	-	-
Neutral 1 - 30MHz										
1.05945	23.17 ave	10.4	0	33.57	56	46	-	-	-	-
			Margin [dB]:		-22.43	-12.43	-	-	-	-
1.10732	21.55 ave	10.4	0	31.95	56	46	-	-	-	-
			Margin [dB]:		-24.05	-14.05	-	-	-	-
1.16973	18.23 ave	10.4	0	28.63	56	46	-	-	-	-
			Margin [dB]:		-27.37	-17.37	-	-	-	-
1.59179	21.57 ave	10.4	0	31.97	56	46	-	-	-	-
			Margin [dB]:		-24.03	-14.03	-	-	-	-

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - denotes average detection

LIMIT 1: FCC Part 15 Subpart C QPk
LIMIT 2: FCC Part 15 Subpart C Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

4.2 Test Conditions and Results – OCCUPIED BANDWIDTH

Test Description	Measurements were made in the laboratory environment. A Dipole (or equivalent) antenna tuned to the transmit frequency was attached to the input of a spectrum analyzer. The device was operated and the spectrum analyzer resolution bandwidth set per the appropriate standard. The video bandwidth is set to a minimum of 3 times the selected resolution bandwidth.
Basic Standard	FCC Part 15, Subpart C, 15.231, RSS-GEN, RSS-210
Occupied Bandwidth Limits	
0.25% of the Fundamental Frequency	

Table 7 Occupied Bandwidth Configuration Settings

Power Interface Mode #	EUT Configurations Mode #	EUT Operation Mode #
1	1	5
Supplementary information: Same timing circuitry used for all channels. Only 434MHz used for compliance.		

Table 8 Occupied Bandwidth Spectrum Analyzer Settings

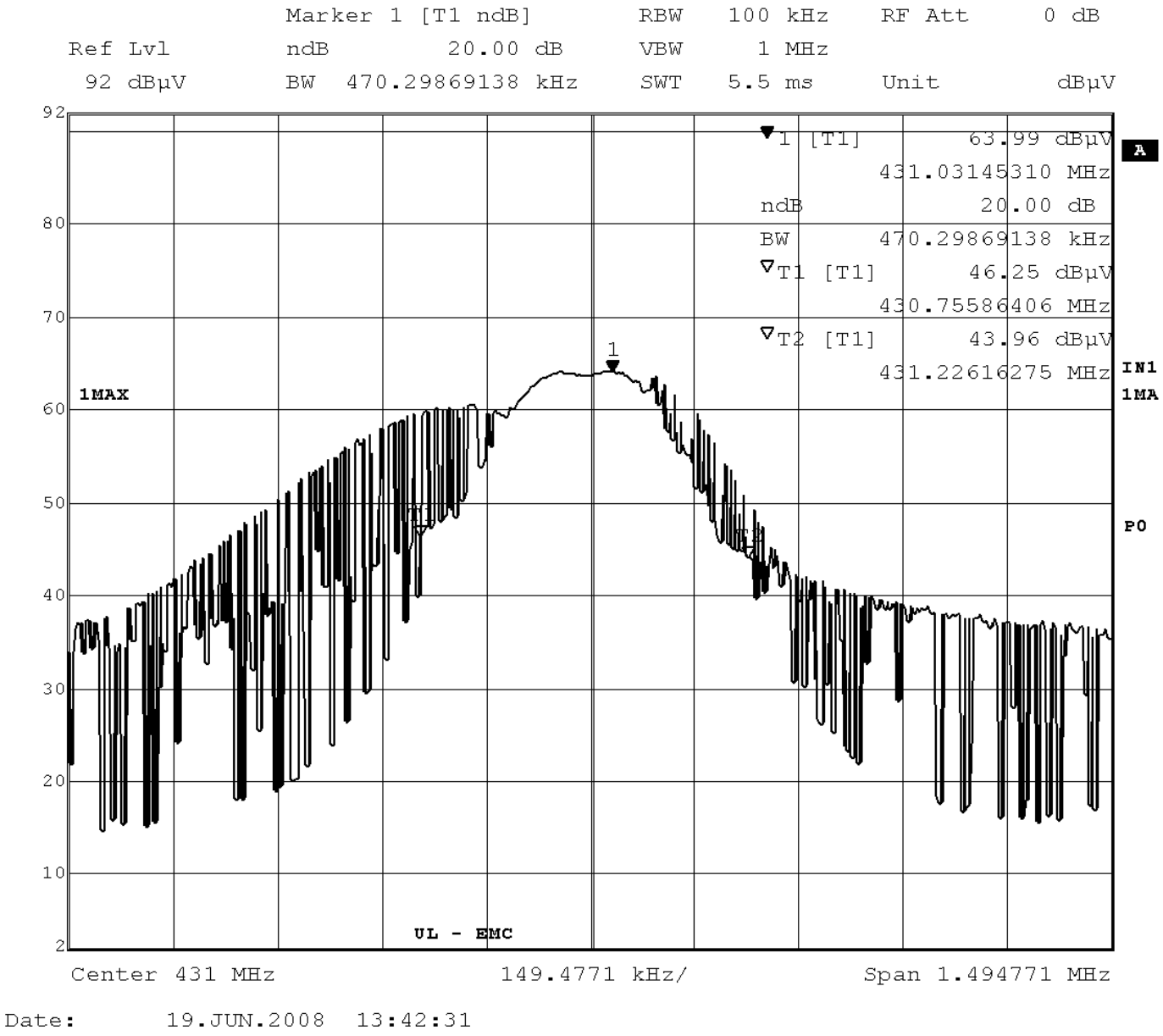
Resolution Bandwidth (MHz)	Occupied Bandwidth Requirements	
	dBc	%
1% of the Span	-20	99
Supplementary information: Span shall be wide enough to capture all products of the modulation process.		

Table 9 Occupied Bandwidth Test Equipment

Test Equipment Used			
Description	Manufacturer	Model	Identifier
EMI Receiver	Rohde & Schwarz	ESIB26	ME5B-081
Dipole Antenna	EMCO	3121C	3359
Temp/Humidity/Pressure Meter	Cole Parmer	99760-00	4268
Measurement Software	UL	Version 9.3	44740
Multimeter	Fluke	83V	44459

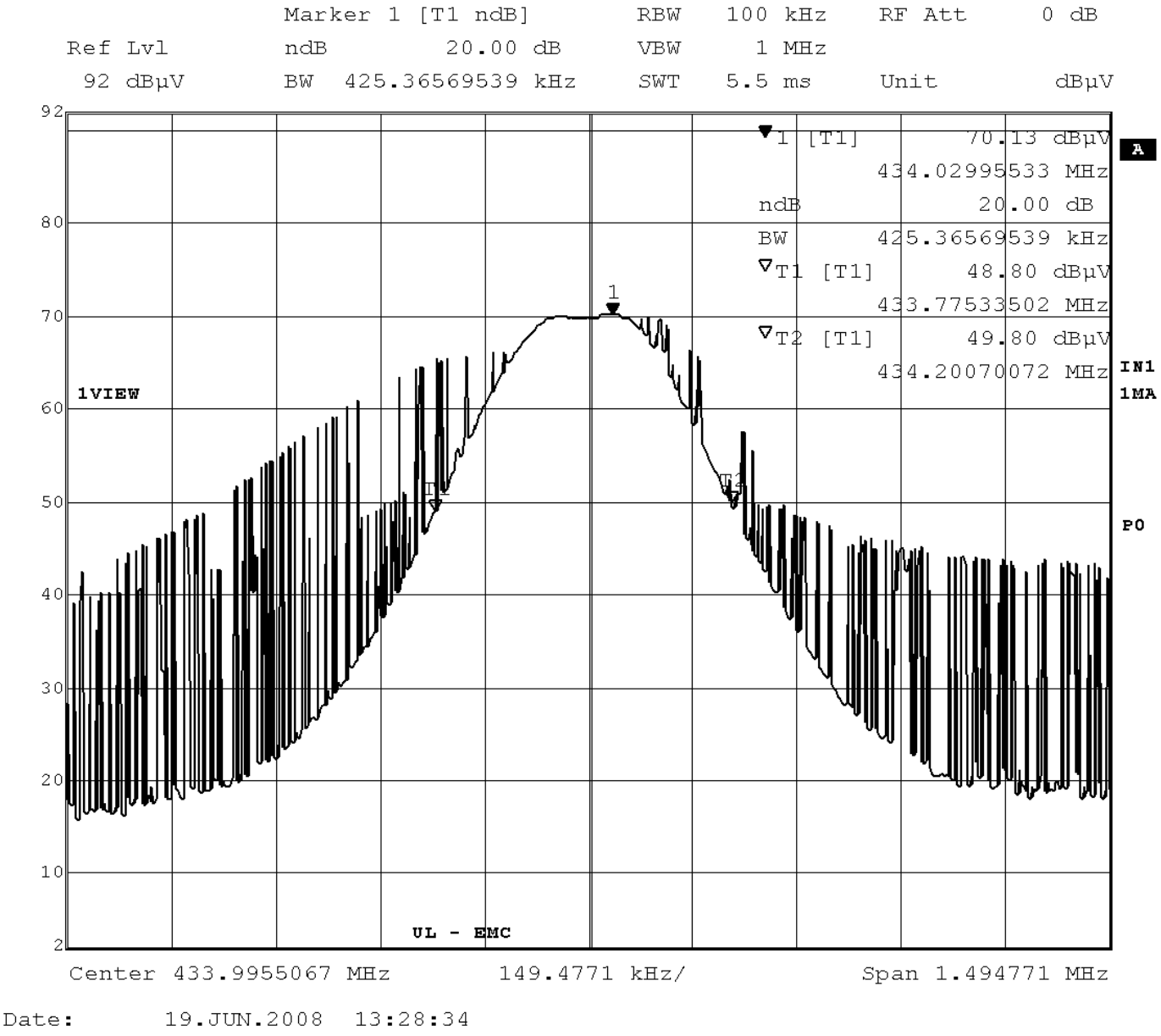
Figure 10 Test Setup for Occupied Bandwidth

Figure 11 Occupied Bandwidth Graph – 20dB 431MHz



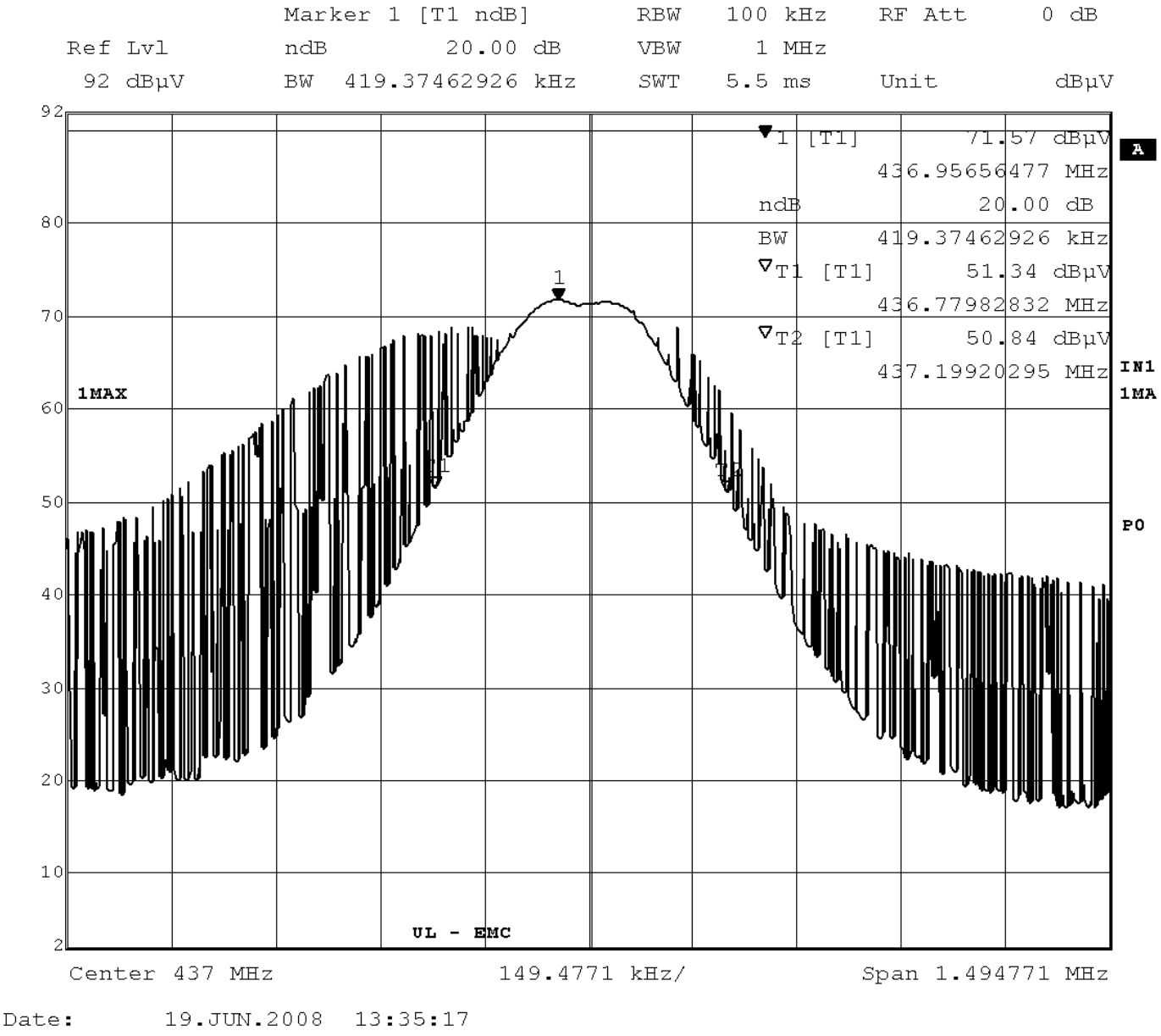
Manual marks used to capture modulation components - -20dB OBW = 882.05kHz

Figure 12 Occupied Bandwidth Graph – 20dB 434MHz



Manual marks used to capture modulation components - -20dB OBW = 672.75kHz

Figure 13 Occupied Bandwidth Graph – 20dB 437MHz



Manual marks used to capture modulation components - -20dB OBW = 822.25kHz

Figure 14 Occupied Bandwidth Graph – 99% 431MHz

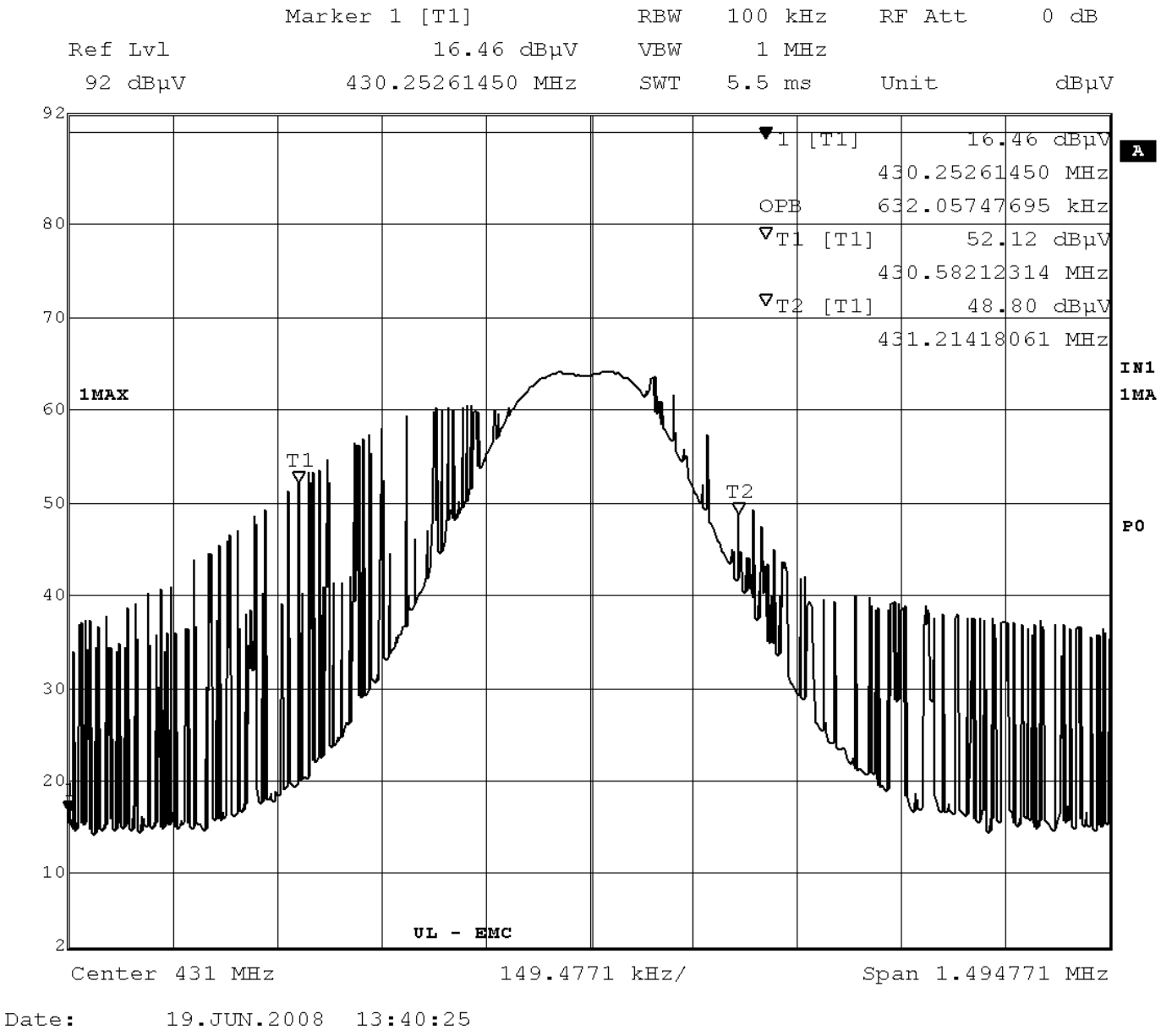


Figure 15 Occupied Bandwidth Graph – 99% 434MHz

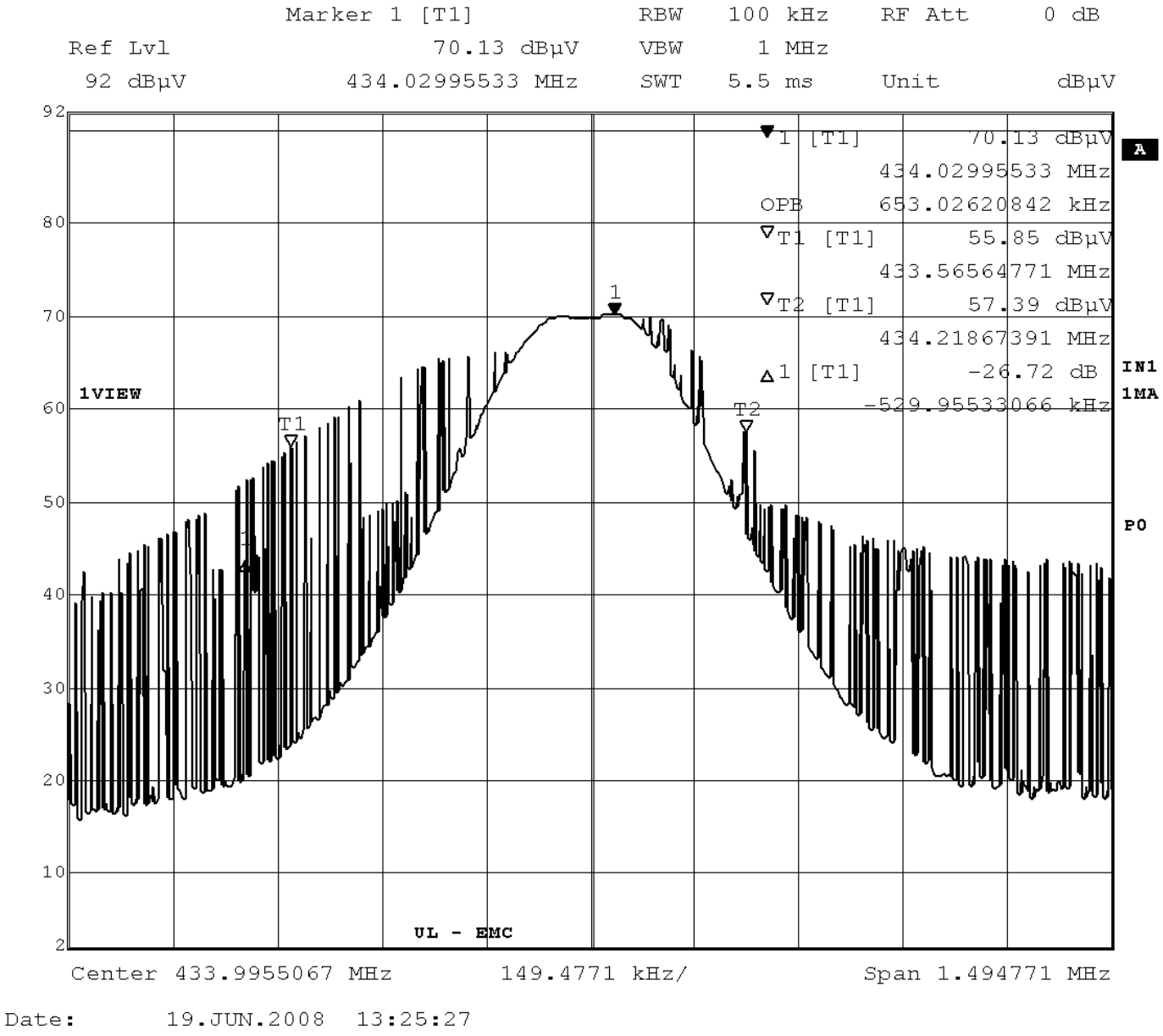
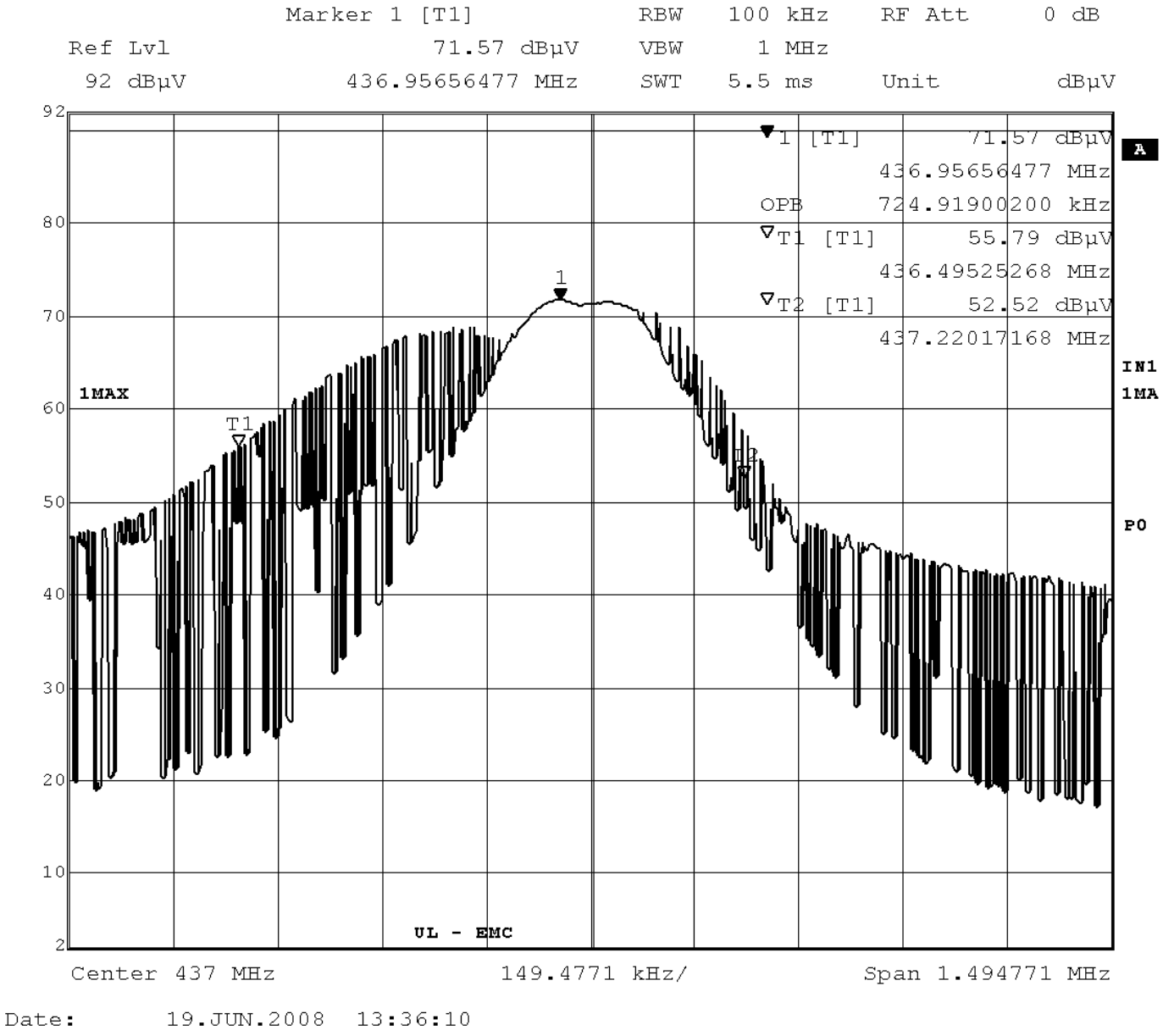


Figure 16 Occupied Bandwidth Graph – 99% 437MHz



4.3 Test Conditions and Results – CEASE OPERATION

Test Description	Measurements were made in the laboratory environment. A Dipole (or equivalent) antenna tuned to the transmit frequency was attached to the input of a spectrum analyzer. The device was operated and the transmission time measured with the spectrum analyzer set to zero span at the fundamental frequency.
Basic Standard	FCC Part 15, Subpart C, 15.231, RSS-GEN, RSS-210
Cease Operation Limits	
The transmissions shall stop within 5 seconds of either a button being released or if automatically controlled transmissions shall be stopped 5 seconds after transmissions begin.	

Table 10 Cease Operation Configuration Settings

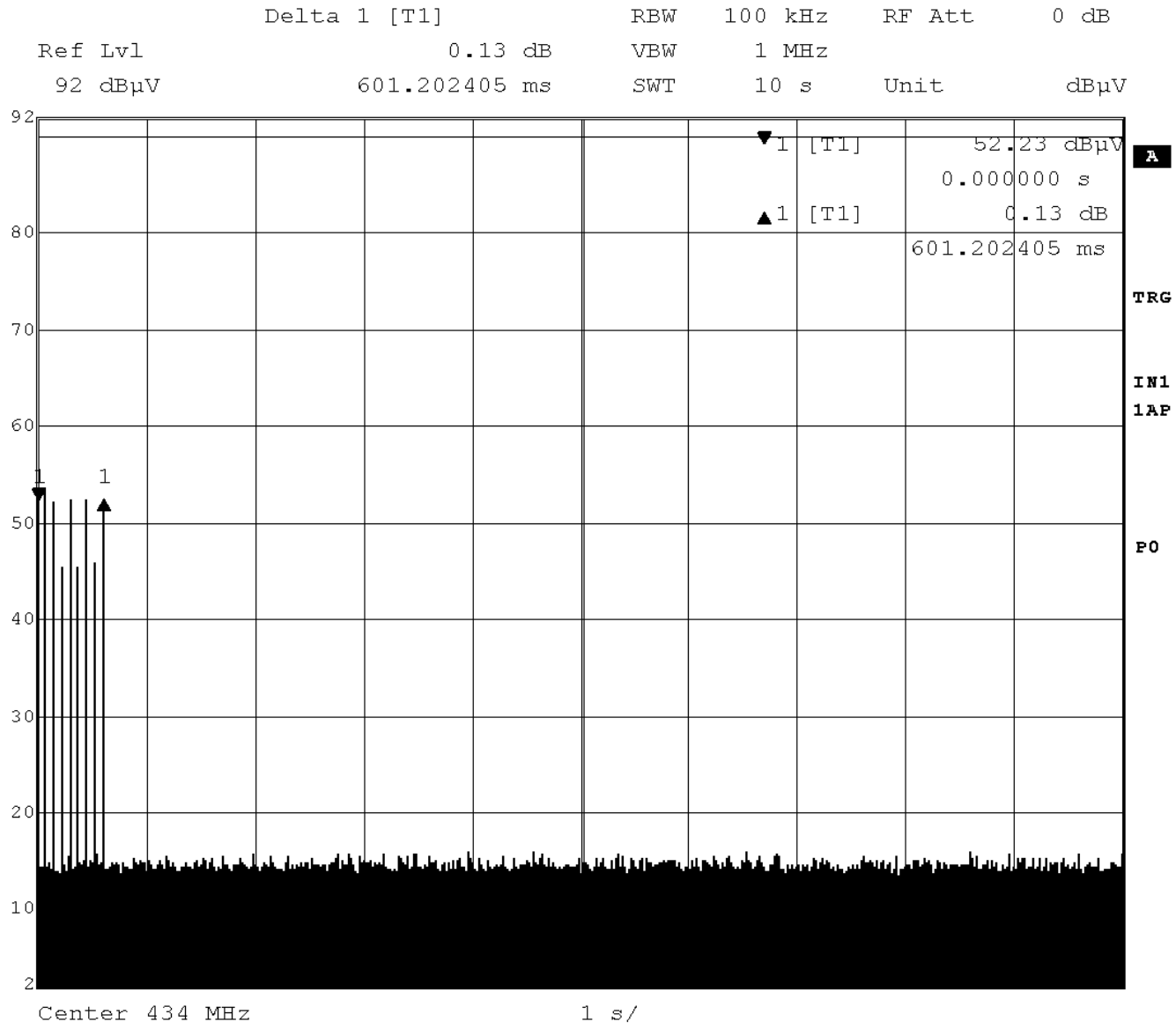
Power Interface Mode #	EUT Configurations Mode #	EUT Operation Mode #
1	1	5
Supplementary information: Same timing circuitry used for all channels. Only 434MHz used for compliance.		

Table 11 Cease Operation Test Equipment

Test Equipment Used			
Description	Manufacturer	Model	Identifier
EMI Receiver	Rohde & Schwarz	ESIB26	ME5B-081
EMI Receiver	Rohde & Schwarz	ESIB40	34968
Dipole Antenna	EMCO	3121C	3359
Temp/Humidity/Pressure Meter	Cole Parmer	99760-00	4268
Measurement Software	UL	Version 9.3	44740
Multimeter	Fluke	83III	ME5B-305

Figure 17 Test Setup for Cease Operation

Figure 18 Cease Operation Graph



Date: 19.JUN.2008 13:08:49
Note: Multiple packets captured.

4.4 Test Conditions and Results – PULSE TRAIN

Test Description	Measurements were made in the laboratory environment. A Dipole (or equivalent) antenna tuned to the transmit frequency was attached to the input of a spectrum analyzer. The pulse train was measured with the spectrum analyzer set to zero span at the fundamental frequency.
Basic Standard	FCC Part 15 Subpart A, 15.35
Pulse Train Limits	
There are no limits for this test. This data is used to calculate the averaging correction factor that is applied to the measured peak radiated emissions results.	

Table 12 Pulse Train Configuration Settings

Power Interface Mode # (See Section 1.3.4)	EUT Configurations Mode # (See Section 1.6)	EUT Operation Mode # (See 1.5)
1	1	4
1	1	5
1	1	6
Supplementary information: None		

Table 13 Pulse Train Calculation

Pulse Width (mS)	Total Transmission time or 100ms which ever is lesser	Average Correction Factor (dB) $20\log\left(\frac{PulseWidth}{TotalTransmissionTime}\right)$
4.81	75.15	-23.88

Table 14 Pulse Train Test Equipment

Test Equipment Used			
Description	Manufacturer	Model	Identifier
EMI Receiver	Rohde & Schwarz	ESIB26	ME5B-081
Dipole Antenna	EMCO	3121C	3359
Temp/Humidity/Pressure Meter	Cole Parmer	99760-00	4268
Measurement Software	UL	Version 9.3	44740
Multimeter	Fluke	83III	ME5B-305

Figure 19 Test Setup for Pulse Train

Figure 20 Pulse Train Graph – 431MHz

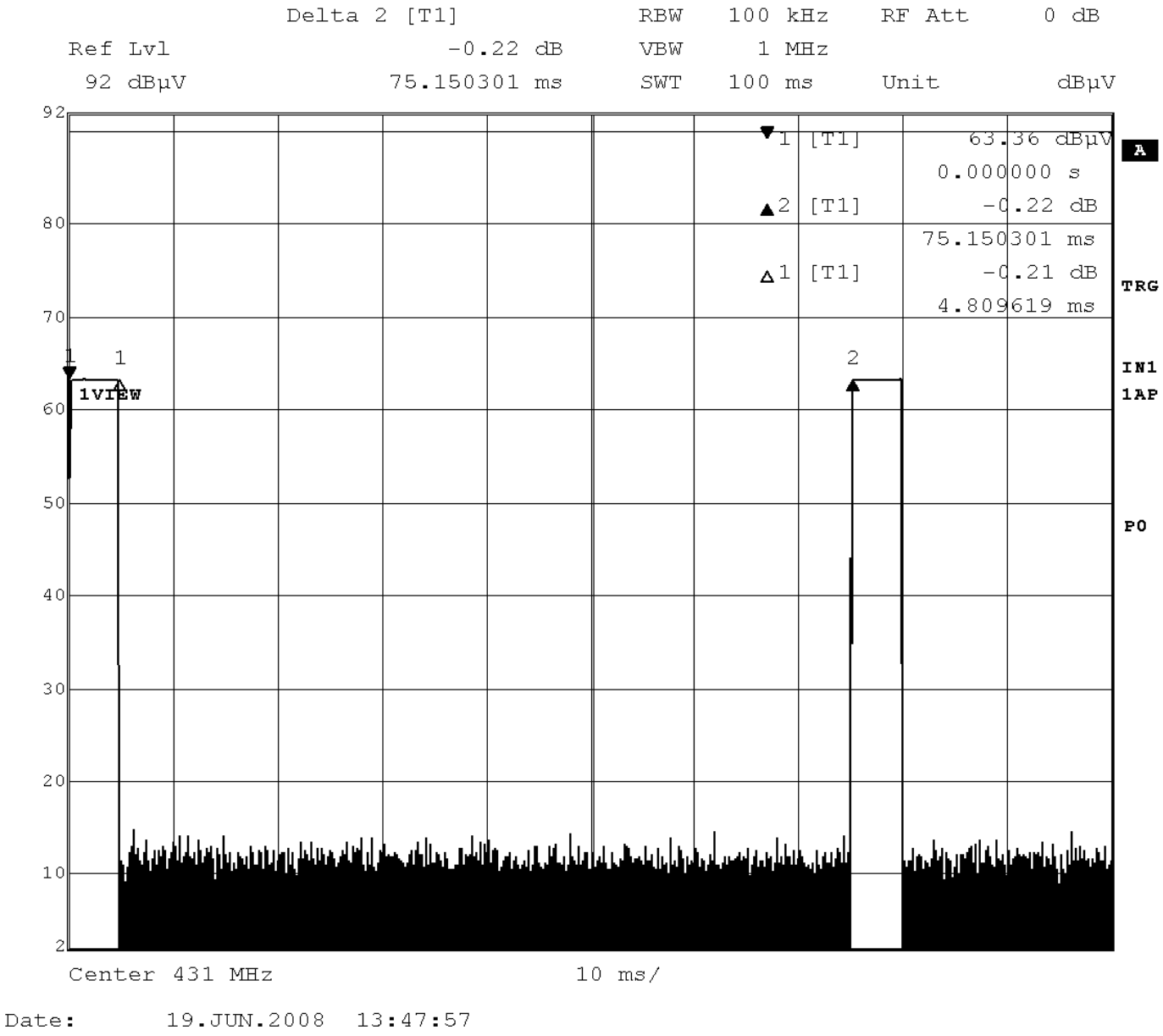


Figure 21 Pulse Train Graph – 434MHz

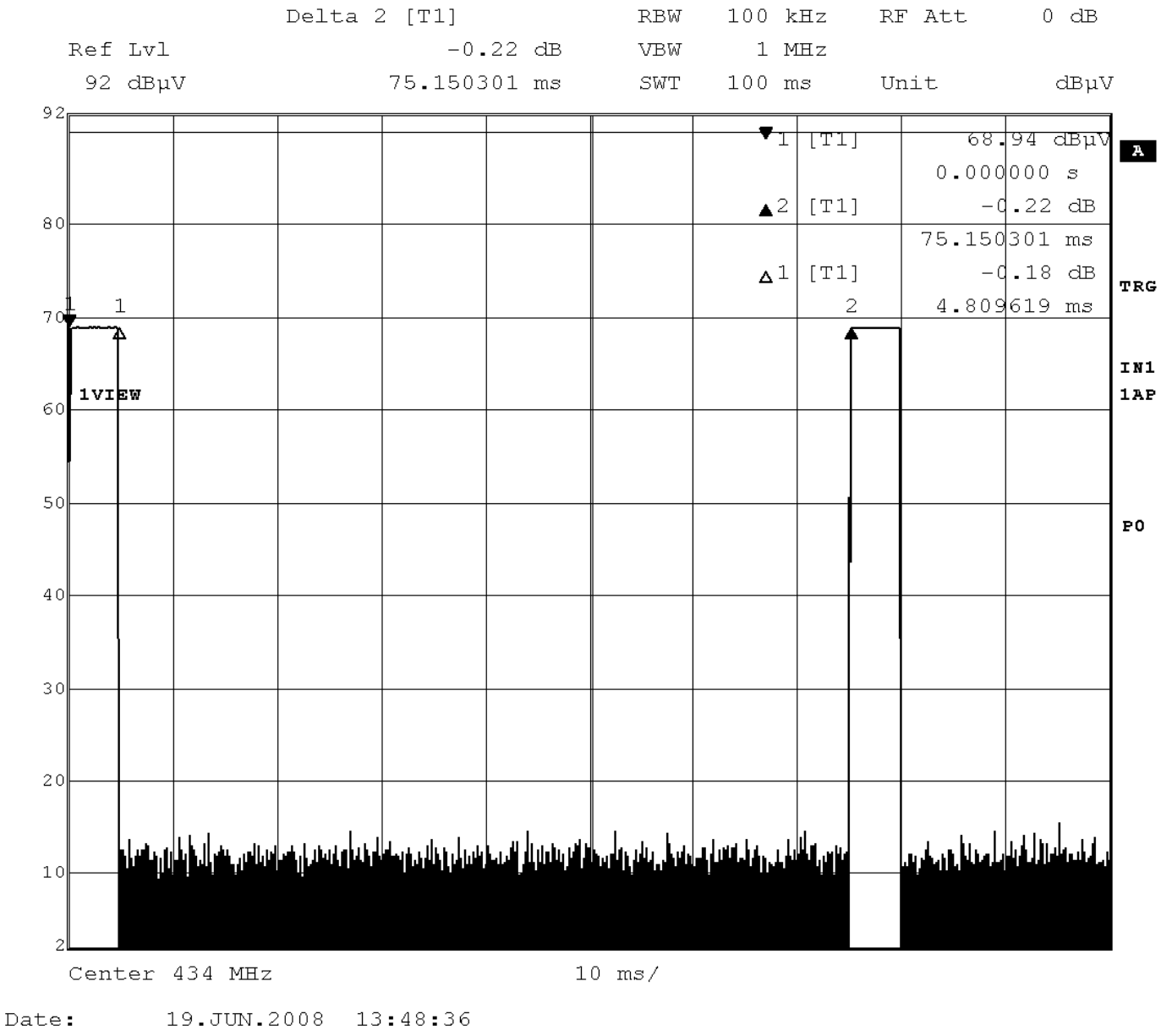
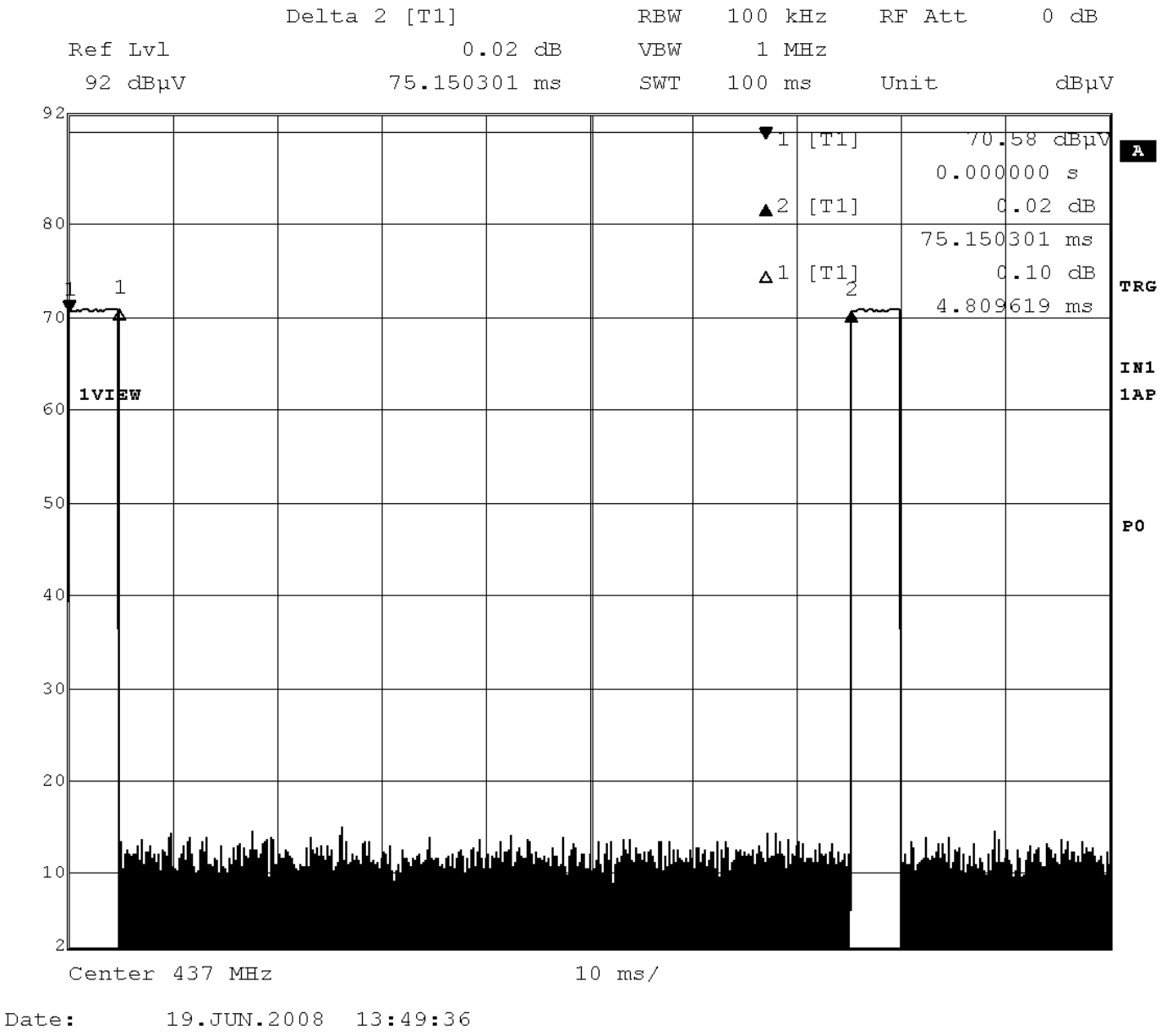


Figure 22 Pulse Train Graph – 437MHz



4.5 Test Conditions and Results – RADIATED EMISSIONS

Test Description	Measurements were made in a 10-meter semi-anechoic chamber that complies to CISPR 16/ANSI C63.4. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 3-meter. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in both horizontal and vertical polarities. Final measurements (quasi-peak or average as noted) were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4-meters. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable.

Basic Standard	FCC Part 15, Subpart C, 15.231, 15.209, RSS-GEN, RSS-210	
UL LPG	80-EM-S0029	
	Frequency range	Measurement Point
Fully configured sample scanned over the following frequency range	0.009MHz – 1GHz	(3 meter measurement distance)
Fully configured sample scanned over the following frequency range	1GHz – 5 GHz	(3 meter measurement distance)

Limits

Frequency (MHz)	Limit (dBµV/m)		
	Quasi-Peak	Average	
	General Emissions	Fundamental	Spurious/ Unintentional
0.009 – 0.490	128.5 – 93.8	-	-
0.490 – 1.705	73.8 – 63	-	-
1.705 – 30	69.5	-	-
30 – 88	40	-	-
88 – 216	43.5	-	-
216-960	46	-	-
960-1000	54	-	-
1000-10000	-	-	54
Fundamental 431	-	80.7	-
Fundamental 434	-	80.8	-
Fundamental 437	-	80.9	-
Harmonics of the Fundamental 431	-	-	60.7
Harmonics of the Fundamental 434	-	-	60.8
Harmonics of the Fundamental 437	-	-	60.9

Supplementary information: Spurious limits are only applied against products of the transmitter. All other emissions must meet the general limits.

Table 15 Radiated Emissions EUT Configuration Settings

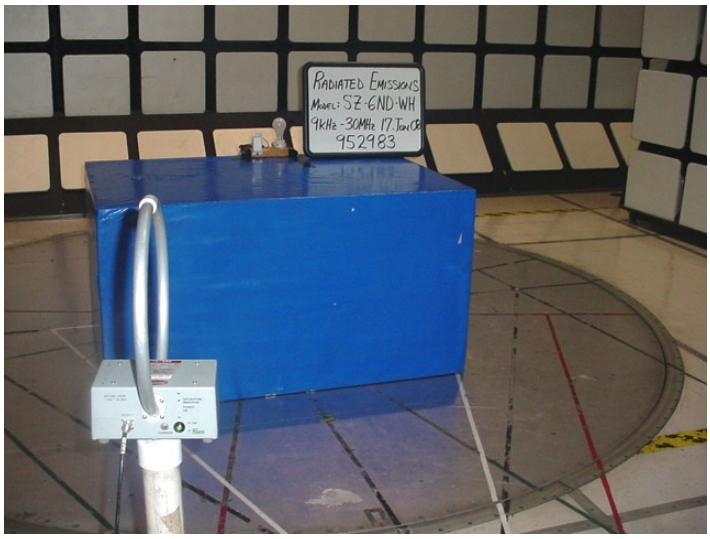
Power Interface Mode #	EUT Configurations Mode #	EUT Operation Mode #
1	1	1
1	1	2
1	1	3
1	1	7
1	1	8
1	1	9
Supplementary information: Since no emissions were noted above 500MHz in receive mode on each channel, only one channel was conducted above 1GHz (Mode 8).		

Table 16 Radiated Emissions Test Equipment

Test Equipment Used			
Description	Manufacturer	Model	Identifier
9kHz-30MHz			
EMI Receiver	Rohde & Schwarz	ESIB40	34968
Spectrum Analyzer	Agilent	E7405A	19695
Active Loop Antenna	EMCO	6507	ME5A-288
Switch Driver	HP	11713A	ME7A-627
System Controller	Sunol Sciences	SC99V	44396
Camera Controller	Panasonic	WV-CU254	44395
RF Switch Box	UL	1	44398
Measurement Software	UL	Version 9.3	44740
Temp/Humidity/Pressure Meter	Cole Parmer	99760-00	4268
Multimeter	Fluke	87V	44547
30-1000MHz			
EMI Receiver	Rohde & Schwarz	ESIB40	34968
Bicon Antenna	Schaffner	VBA6106A	43441
Log-P Antenna	Schaffner	UPA6109	44068
Bias Tee	Miteq	AM-1523-7687	44392
Bias Tee	Miteq	AM-1523-7687	44393
Preamp	Miteq	AM-3A-000110-7687	44391
Preamp	Miteq	AM-3A-000110-7687	44394
Switch Driver	HP	11713A	ME7A-627
System Controller	Sunol Sciences	SC99V	44396

Test Equipment Used			
Description	Manufacturer	Model	Identifier
Camera Controller	Panasonic	WV-CU254	44395
RF Switch Box	UL	1	44398
Measurement Software	UL	Version 9.3	44740
Temp/Humidity/Pressure Meter	Cole Parmer	99760-00	4268
Multimeter	Fluke	87V	44547
Above 1GHz			
EMI Receiver	Rohde & Schwarz	ESIB40	34968
Horn Antenna	Electro-Metrics	RGA-180	ME5-565
Preamp (1 - 26GHz)	HP	8449B	ME5-914
Switch Driver	HP	11713A	ME7A-627
System Controller	Sunol Sciences	SC99V	44396
Camera Controller	Panasonic	WV-CU254	44395
RF Switch Box	UL	1	44398
Measurement Software	UL	Version 9.3	44740
Temp/Humidity/Pressure Meter	Cole Parmer	99760-00	4268
Multimeter	Fluke	87V	44547

Figure 23 Test setup for Radiated Emissions 9kHz – 30MHz



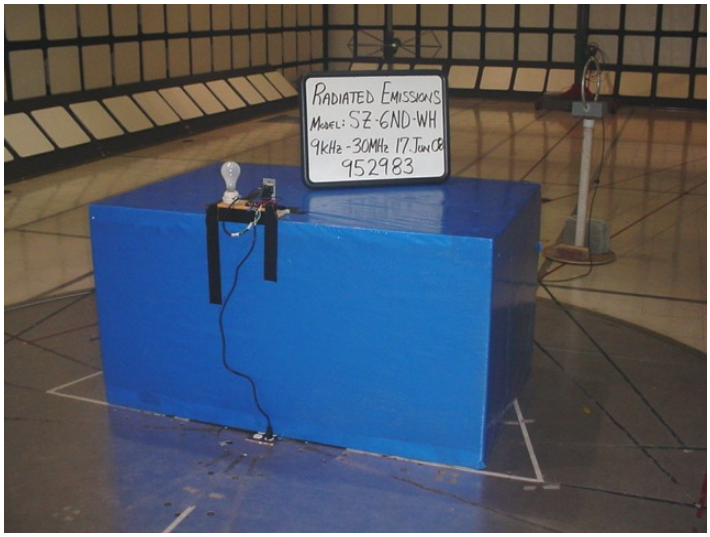
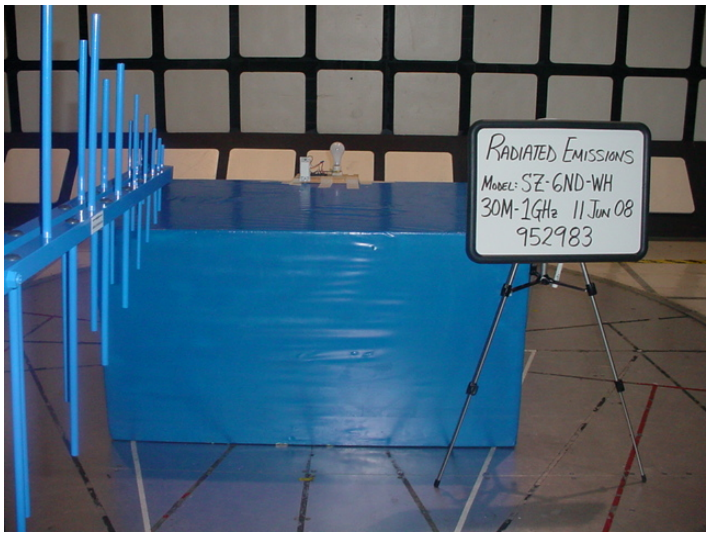


Figure 24 Test setup for Radiated Emissions 30-1000MHz



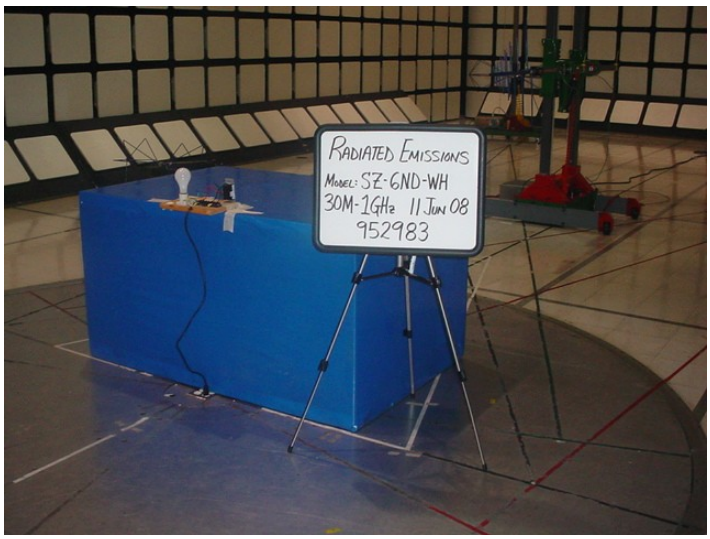
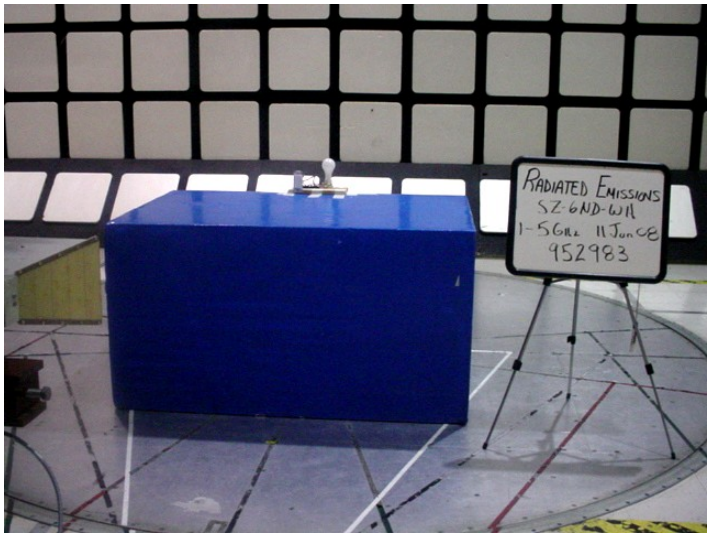


Figure 25 Test setup for Radiated Emissions 1-5GHz



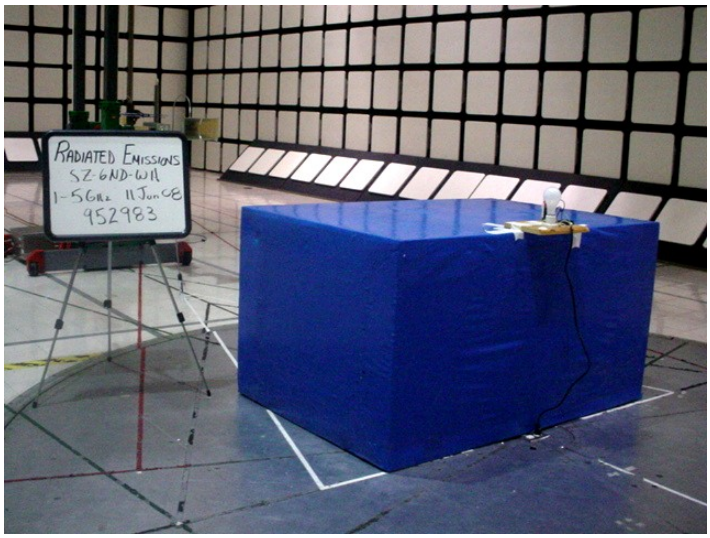
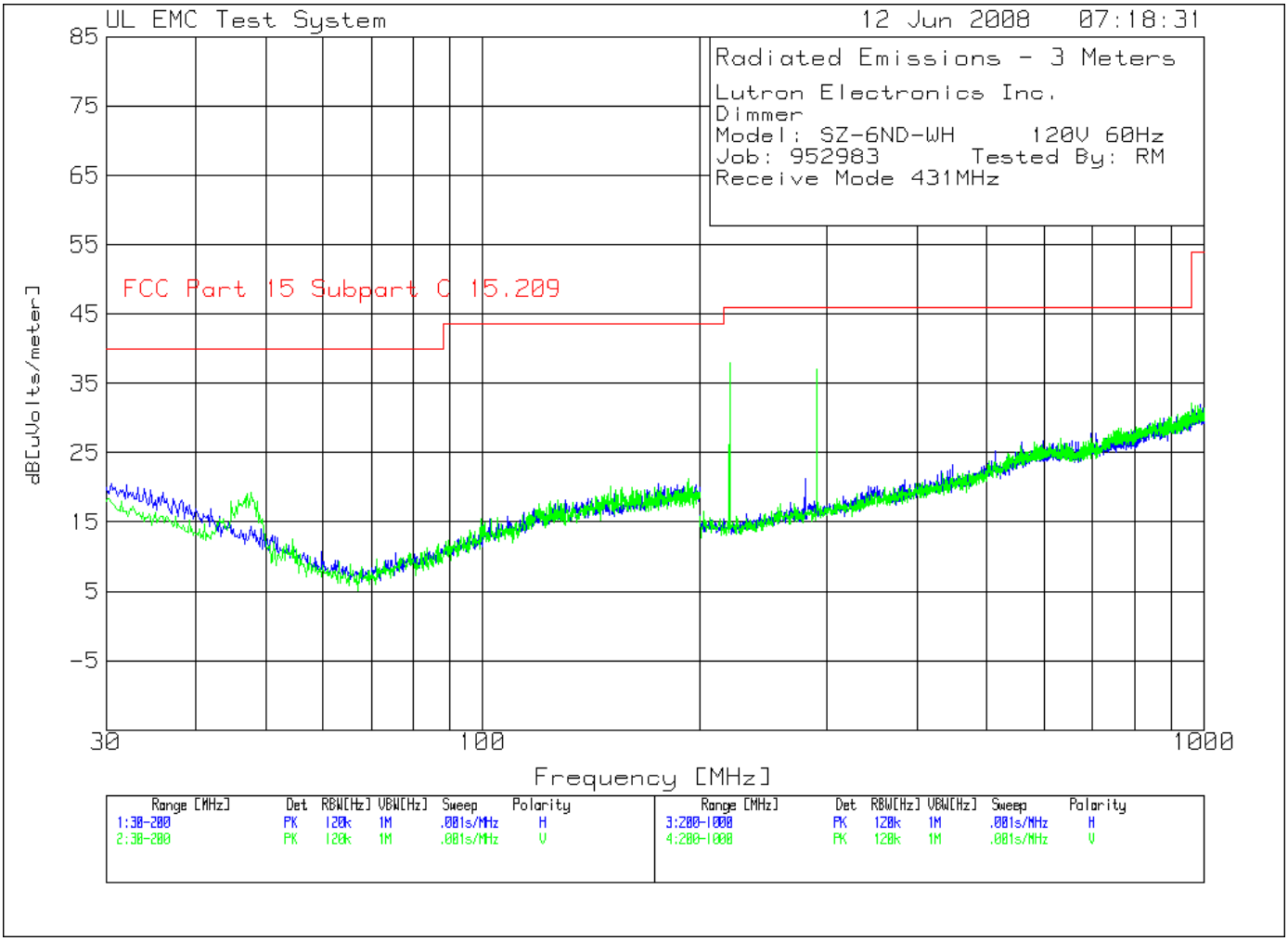


Figure 26 Radiated Emissions Graph



Note: limit shown is equivalent to FCC Part 15, Subpart B, Class B.

Table 17 Radiated Emissions Data Points

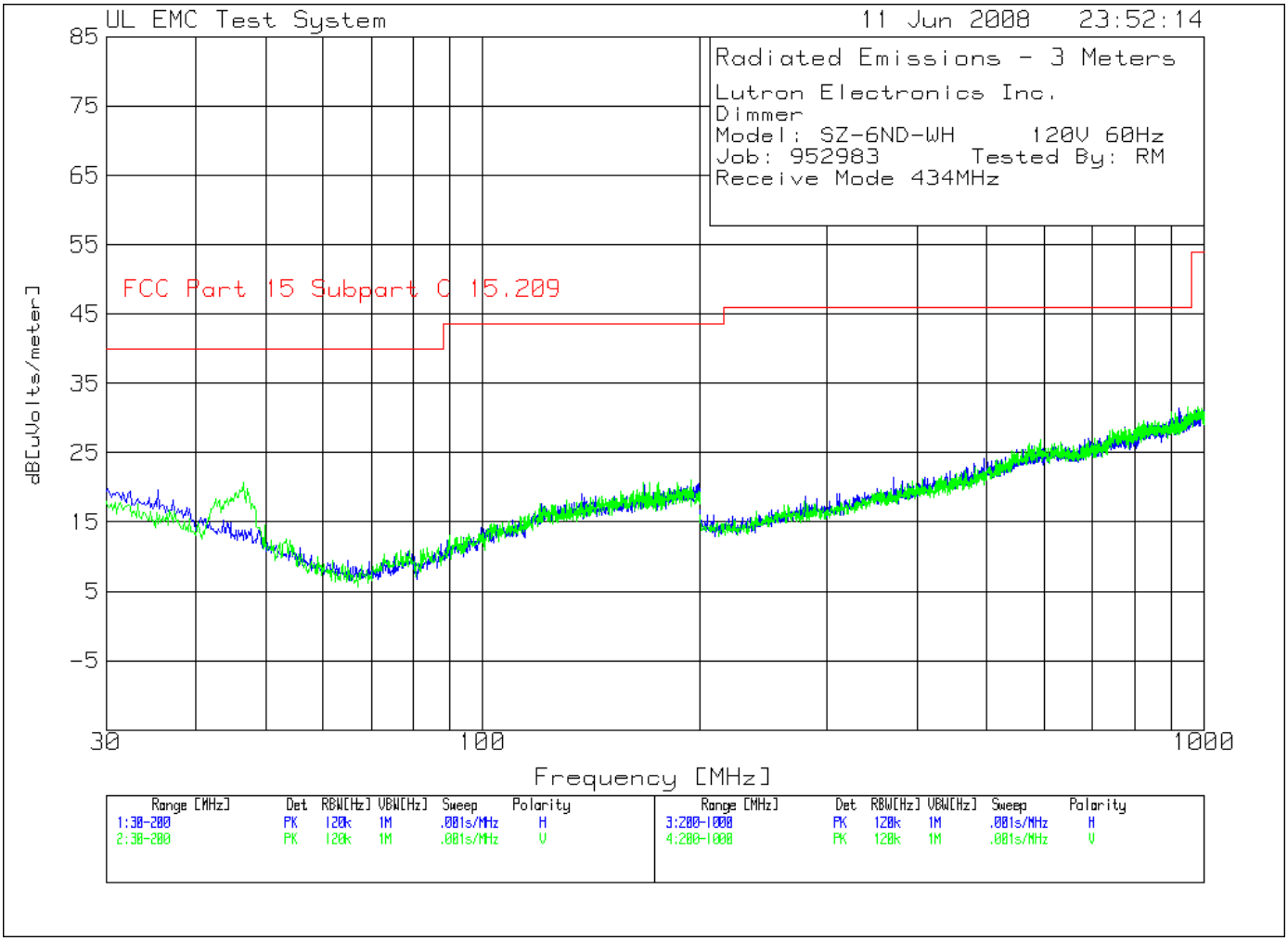
Lutron Electronics Inc.
Dimmer
Model: SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: RM
Receive Mode 431MHz

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 30 - 200MHz											
1	33.2332	2.47 pk	.4	17.1	19.97	40	-	-	-	-	-
	Azimuth:156	Height:100 Horz		Margin [dB]		-20.03	-	-	-	-	-
2	174.985	4.64 pk	.8	15.1	20.54	43.5	-	-	-	-	-
	Azimuth:269	Height:400 Horz		Margin [dB]		-22.96	-	-	-	-	-
Vertical 30 - 200MHz											
3	47.6977	8.73 pk	.4	10.2	19.33	40	-	-	-	-	-
	Azimuth:43	Height:100 Vert		Margin [dB]		-20.67	-	-	-	-	-
4	150.4805	3.8 pk	.7	15.6	20.1	43.5	-	-	-	-	-
	Azimuth:118	Height:100 Vert		Margin [dB]		-23.4	-	-	-	-	-
Horizontal 200 - 1000MHz											
5	279.6398	6.87 pk	1	13.4	21.27	46	-	-	-	-	-
	Azimuth:85	Height:100 Horz		Margin [dB]		-24.73	-	-	-	-	-
6	558.1791	5.47 pk	1.5	19.5	26.47	46	-	-	-	-	-
	Azimuth:342	Height:200 Horz		Margin [dB]		-19.53	-	-	-	-	-
Vertical 200 - 1000MHz											
7	220.01	25.77 pk	.9	11.3	37.97	46	-	-	-	-	-
	Azimuth:211	Height:100 Vert		Margin [dB]		-8.03	-	-	-	-	-
8	290.4452	22.53 pk	1.1	13.4	37.03	46	-	-	-	-	-
	Azimuth:13	Height:100 Vert		Margin [dB]		-8.97	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart B, Class B

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Figure 27 Radiated Emissions Graph



Note: limit shown is equivalent to FCC Part 15, Subpart B, Class B.

Table 18 Radiated Emissions Data Points

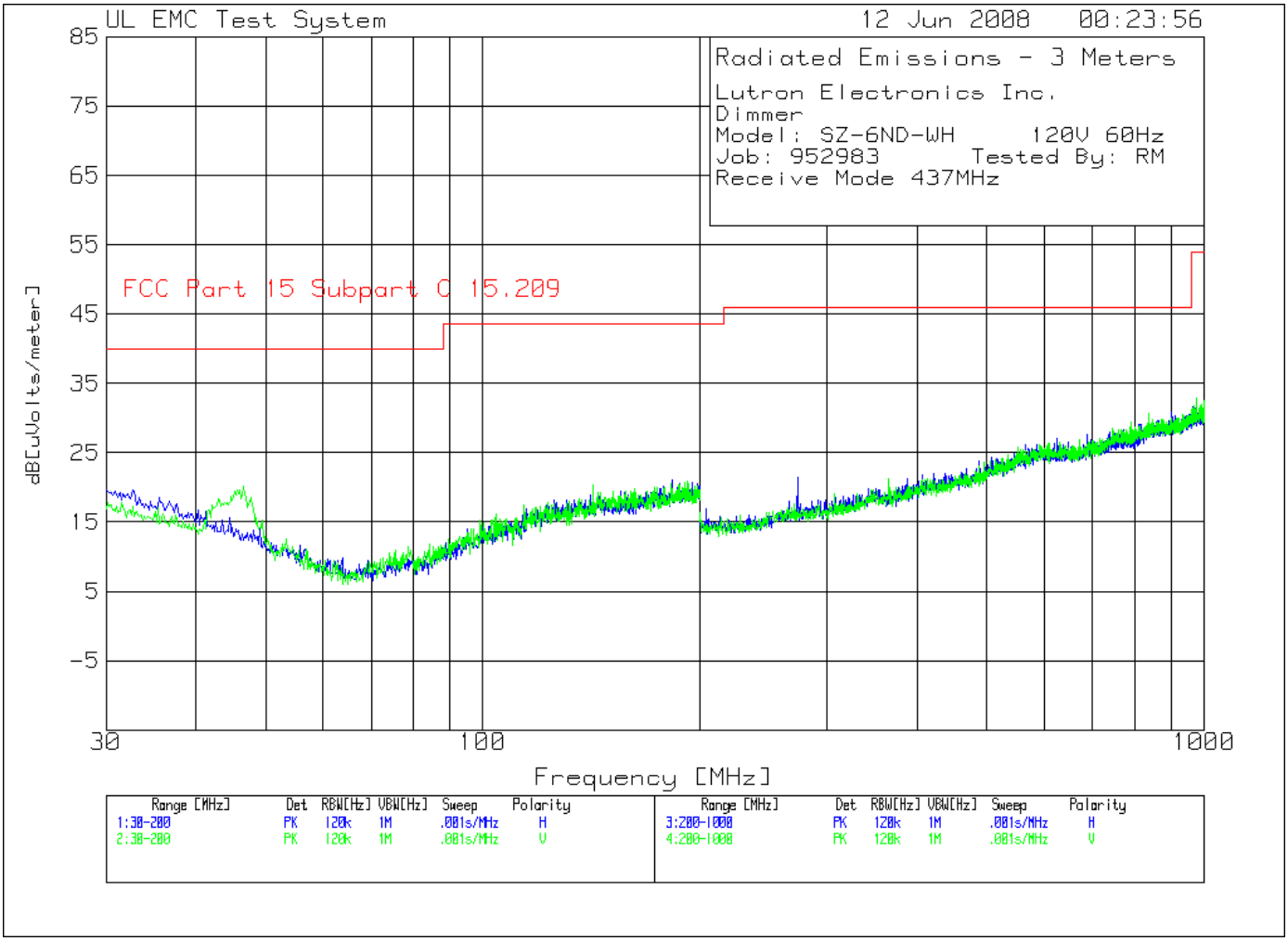
Lutron Electronics Inc.
Dimmer
Model: SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: RM
Receive Mode 434MHz

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 30 - 200MHz											
1	35.4454	3.09 pk	.4	16.1	19.59	40	-	-	-	-	-
	Azimuth:348	Height:100 Horz		Margin [dB]		-20.41	-	-	-	-	-
2	167.4975	4.8 pk	.8	14.8	20.4	43.5	-	-	-	-	-
	Azimuth:59	Height:400 Horz		Margin [dB]		-23.1	-	-	-	-	-
Vertical 30 - 200MHz											
3	46.5065	9.76 pk	.4	10.6	20.76	40	-	-	-	-	-
	Azimuth:171	Height:100 Vert		Margin [dB]		-19.24	-	-	-	-	-
4	194.5546	3.9 pk	.9	16.2	21	43.5	-	-	-	-	-
	Azimuth:97	Height:100 Vert		Margin [dB]		-22.5	-	-	-	-	-
Horizontal 200 - 1000MHz											
5	370.8854	4.9 pk	1.2	15.3	21.4	46	-	-	-	-	-
	Azimuth:343	Height:400 Horz		Margin [dB]		-24.6	-	-	-	-	-
6	922.3612	6.14 pk	1.9	23.3	31.34	46	-	-	-	-	-
	Azimuth:65	Height:100 Horz		Margin [dB]		-14.66	-	-	-	-	-
Vertical 200 - 1000MHz											
7	594.1971	5.33 pk	1.7	19.8	26.83	46	-	-	-	-	-
	Azimuth:17	Height:300 Vert		Margin [dB]		-19.17	-	-	-	-	-
8	950.3752	5.67 pk	1.9	24	31.57	46	-	-	-	-	-
	Azimuth:66	Height:100 Vert		Margin [dB]		-14.43	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart B, Class B

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Figure 28 Radiated Emissions Graph



Note: limit shown is equivalent to FCC Part 15, Subpart B, Class B.

Table 19 Radiated Emissions Data Points

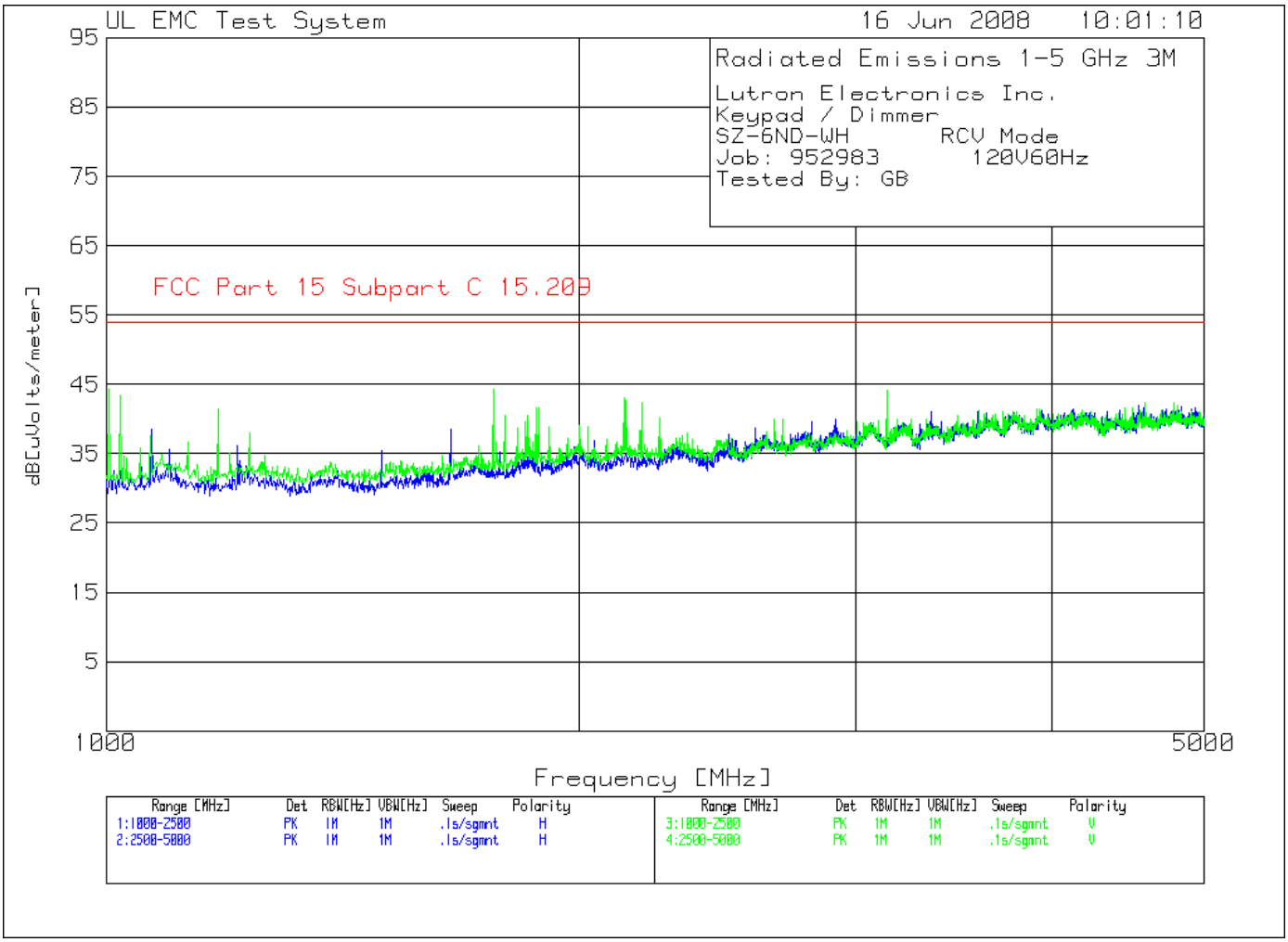
Lutron Electronics Inc.
Dimmer
Model: SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: RM
Receive Mode 437MHz

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 30 - 200MHz											
1	41.2312	2.48 pk	.4	13.6	16.48	40	-	-	-	-	-
	Azimuth:284	Height:100 Horz		Margin [dB]		-23.52	-	-	-	-	-
2	182.6426	4.83 pk	.8	15.4	21.03	43.5	-	-	-	-	-
	Azimuth:172	Height:100 Horz		Margin [dB]		-22.47	-	-	-	-	-
Vertical 30 - 200MHz											
3	46.5065	9.21 pk	.4	10.6	20.21	40	-	-	-	-	-
	Azimuth:348	Height:100 Vert		Margin [dB]		-19.79	-	-	-	-	-
4	141.972	4.71 pk	.8	14.9	20.41	43.5	-	-	-	-	-
	Azimuth:284	Height:100 Vert		Margin [dB]		-23.09	-	-	-	-	-
Horizontal 200 - 1000MHz											
5	272.8364	6.96 pk	1.1	13.3	21.36	46	-	-	-	-	-
	Azimuth:275	Height:300 Horz		Margin [dB]		-24.64	-	-	-	-	-
6	687.4437	5.1 pk	1.6	20.9	27.6	46	-	-	-	-	-
	Azimuth:2	Height:400 Horz		Margin [dB]		-18.4	-	-	-	-	-
Vertical 200 - 1000MHz											
7	365.2826	4.93 pk	1.2	15.2	21.33	46	-	-	-	-	-
	Azimuth:358	Height:300 Vert		Margin [dB]		-24.67	-	-	-	-	-
8	973.987	6.33 pk	1.9	24.7	32.93	54	-	-	-	-	-
	Azimuth:192	Height:400 Vert		Margin [dB]		-21.07	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart B, Class B

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Figure 29 Radiated Emissions Graph



Note: limit shown is equivalent to FCC Part 15, Subpart B, Class B.

Table 20 Radiated Emissions Data Points

Lutron Electronics Inc.
Keypad / Dimmer
SZ-6ND-WH RCV Mode
Job: 952983 120V60Hz
Tested By: GB

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 1000 - 2500MHz											
3	1069.069	45.74 pk	-32.4	25.2	38.54	54	-	-	-	-	-
	Azimuth:276	Height:100 Horz		Margin [dB]		-15.46	-	-	-	-	-
Vertical 1000 - 2500MHz											
1	1004.505	51.77 pk	-32.5	25	44.27	54	-	-	-	-	-
	Azimuth:54	Height:101 Vert		Margin [dB]		-9.73	-	-	-	-	-
2	1021.021	51.11 pk	-32.6	25	43.51	54	-	-	-	-	-
	Azimuth:165	Height:101 Vert		Margin [dB]		-10.49	-	-	-	-	-
4	1178.679	48.39 pk	-31.9	25	41.49	54	-	-	-	-	-
	Azimuth:303	Height:101 Vert		Margin [dB]		-12.51	-	-	-	-	-
5	1764.264	48.15 pk	-30.4	26.5	44.25	54	-	-	-	-	-
	Azimuth:303	Height:200 Vert		Margin [dB]		-9.75	-	-	-	-	-
6	2136.637	44.49 pk	-29.4	28	43.09	54	-	-	-	-	-
	Azimuth:220	Height:200 Vert		Margin [dB]		-10.91	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart B, Class B

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Figure 30 Radiated Emissions Graph

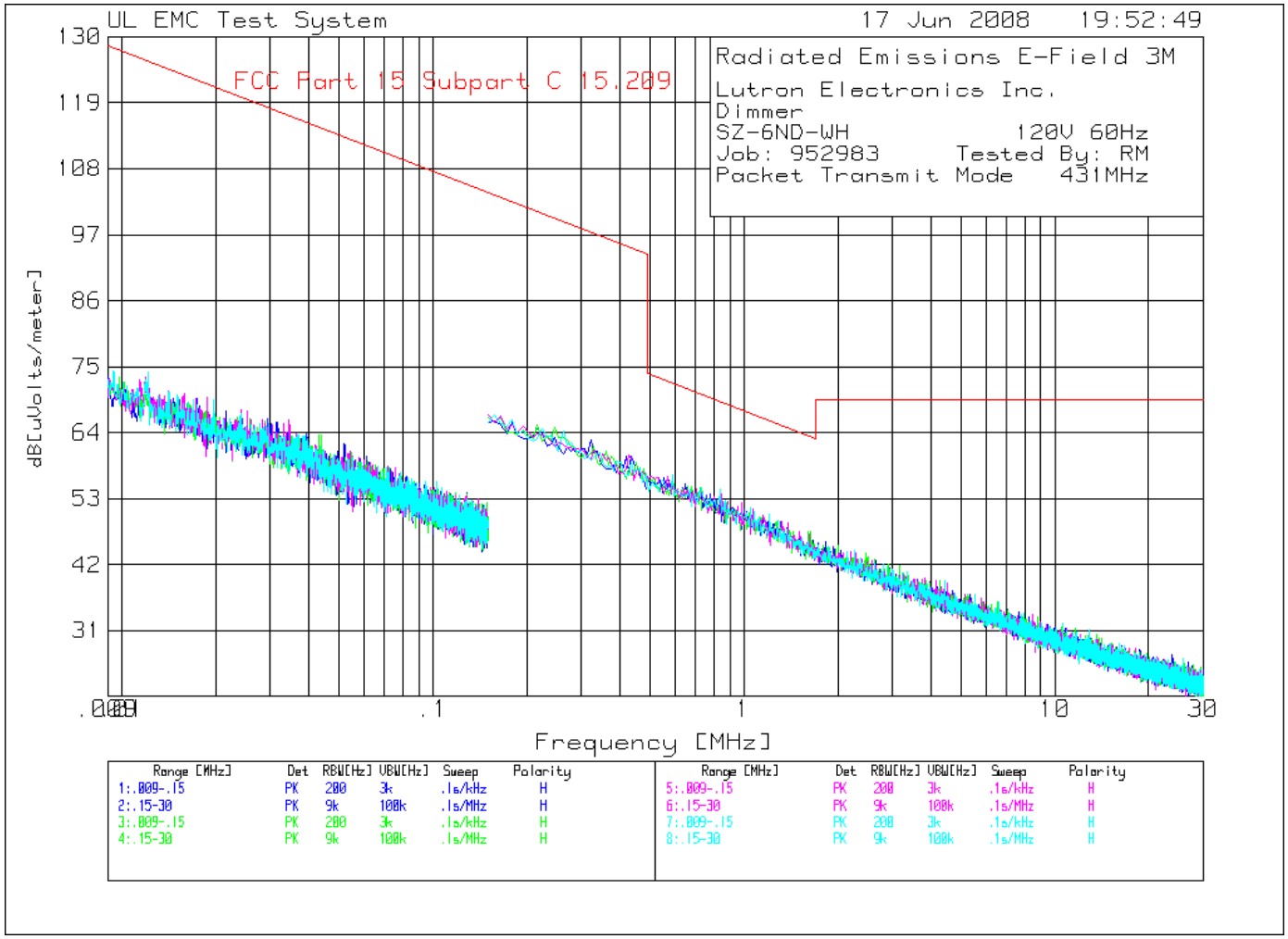


Table 21 Radiated Emissions Data Points

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: RM
Packet Transmit Mode 431MHz

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
0° .009 - .15MHz											
1	.01741	44.86 pk	0	24.9	69.76	122.8	-	-	-	-	-
	Azimuth:7	Height:100 Horz		Margin [dB]		-53.04	-	-	-	-	-
2	.05199	44.39 pk	0	17.8	62.19	113.3	-	-	-	-	-
	Azimuth:284	Height:100 Horz		Margin [dB]		-51.11	-	-	-	-	-
0° .15 - 30MHz											
3	.77701	38.38 pk	0	15.5	53.88	69.8	-	-	-	-	-
	Azimuth:8	Height:100 Horz		Margin [dB]		-15.92	-	-	-	-	-
45° .009 - .15MHz											
4	.00979	43.96 pk	0	29.4	73.36	127.8	-	-	-	-	-
	Azimuth:283	Height:120 Horz		Margin [dB]		-54.44	-	-	-	-	-
5	.04364	44.67 pk	0	19	63.67	114.8	-	-	-	-	-
	Azimuth:84	Height:120 Horz		Margin [dB]		-51.13	-	-	-	-	-
45° .15 - 30MHz											
6	1.64287	31.98 pk	.1	15.5	47.58	63.3	-	-	-	-	-
	Azimuth:328	Height:120 Horz		Margin [dB]		-15.72	-	-	-	-	-
90° .009 - .15MHz											
7	.01887	45.95 pk	0	24	69.95	122.1	-	-	-	-	-
	Azimuth:302	Height:141 Horz		Margin [dB]		-52.15	-	-	-	-	-
8	.03445	45.54 pk	0	20.7	66.24	116.8	-	-	-	-	-
	Azimuth:7	Height:141 Horz		Margin [dB]		-50.56	-	-	-	-	-
90° .15 - 30MHz											
9	.98601	36.75 pk	0	15.5	52.25	67.7	-	-	-	-	-
	Azimuth:222	Height:141 Horz		Margin [dB]		-15.45	-	-	-	-	-
135° .009 - .15MHz											
10	.01216	46.11 pk	.1	27.9	74.11	125.9	-	-	-	-	-
	Azimuth:133	Height:161 Horz		Margin [dB]		-51.79	-	-	-	-	-
11	.01978	46.14 pk	-.1	23.5	69.54	121.7	-	-	-	-	-
	Azimuth:283	Height:161 Horz		Margin [dB]		-52.16	-	-	-	-	-
135° .15 - 30MHz											
12	.5904	41.52 pk	0	15.5	57.02	72.2	-	-	-	-	-
	Azimuth:52	Height:161 Horz		Margin [dB]		-15.18	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C 15.209

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Figure 31 Radiated Emissions Graph

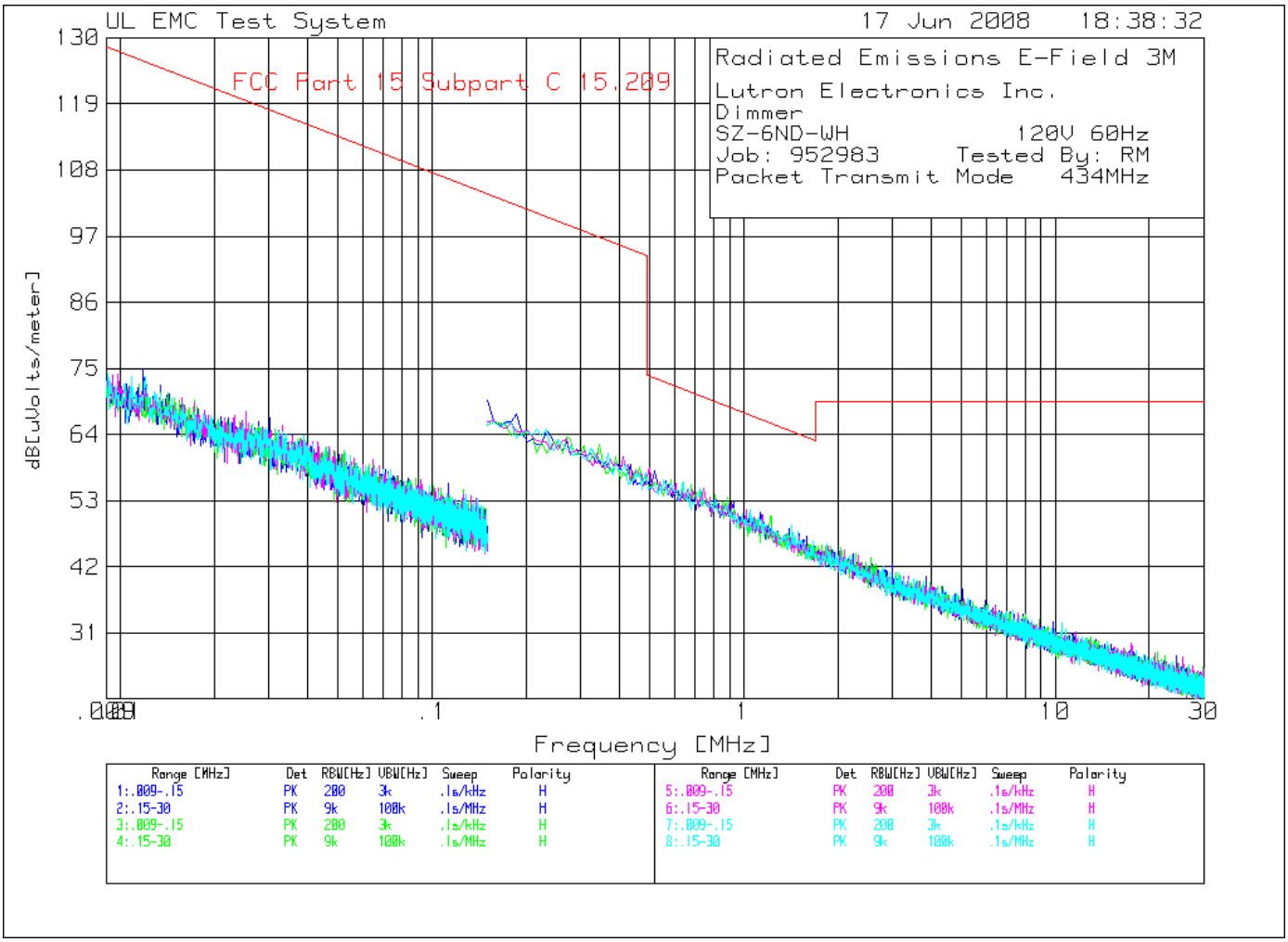


Table 22 Radiated Emissions Data Points

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: RM
Packet Transmit Mode 434MHz

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
0° .009 - .15MHz											
1	.01188	46.73 pk	.2	28.1	75.03	126.1	-	-	-	-	-
	Azimuth:159	Height:101 Horz		Margin [dB]		-51.07	-	-	-	-	-
2	.11282	39.96 pk	0	15.9	55.86	106.5	-	-	-	-	-
	Azimuth:133	Height:101 Horz		Margin [dB]		-50.64	-	-	-	-	-
0° .15 - 30MHz											
3	.51575	42.39 pk	0	15.5	57.89	73.4	-	-	-	-	-
	Azimuth:236	Height:100 Horz		Margin [dB]		-15.51	-	-	-	-	-
45° .009 - .15MHz											
4	.0143	44.34 pk	0	26.7	71.04	124.5	-	-	-	-	-
	Azimuth:133	Height:121 Horz		Margin [dB]		-53.46	-	-	-	-	-
5	.05211	43.49 pk	0	17.8	61.29	113.3	-	-	-	-	-
	Azimuth:152	Height:121 Horz		Margin [dB]		-52.01	-	-	-	-	-
45° .15 - 30MHz											
6	1.22487	34.79 pk	.1	15.5	50.39	65.8	-	-	-	-	-
	Azimuth:53	Height:119 Horz		Margin [dB]		-15.41	-	-	-	-	-
90° .009 - .15MHz											
7	.02536	45.36 pk	0	22.4	67.76	119.5	-	-	-	-	-
	Azimuth:309	Height:141 Horz		Margin [dB]		-51.74	-	-	-	-	-
8	.06463	42.77 pk	0	17.2	59.97	111.4	-	-	-	-	-
	Azimuth:209	Height:141 Horz		Margin [dB]		-51.43	-	-	-	-	-
90° .15 - 30MHz											
9	.74715	39.59 pk	0	15.5	55.09	70.1	-	-	-	-	-
	Azimuth:94	Height:141 Horz		Margin [dB]		-15.01	-	-	-	-	-
135° .009 - .15MHz											
10	.01092	45.21 pk	-.2	28.7	73.71	126.8	-	-	-	-	-
	Azimuth:58	Height:160 Horz		Margin [dB]		-53.09	-	-	-	-	-
135° .15 - 30MHz											
11	1.42641	33.3 pk	.1	15.5	48.9	64.5	-	-	-	-	-
	Azimuth:176	Height:160 Horz		Margin [dB]		-15.6	-	-	-	-	-
12	7.33072	18.83 pk	.2	15.7	34.73	69.5	-	-	-	-	-
	Azimuth:325	Height:160 Horz		Margin [dB]		-34.77	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C 15.209

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Figure 32 Radiated Emissions Graph

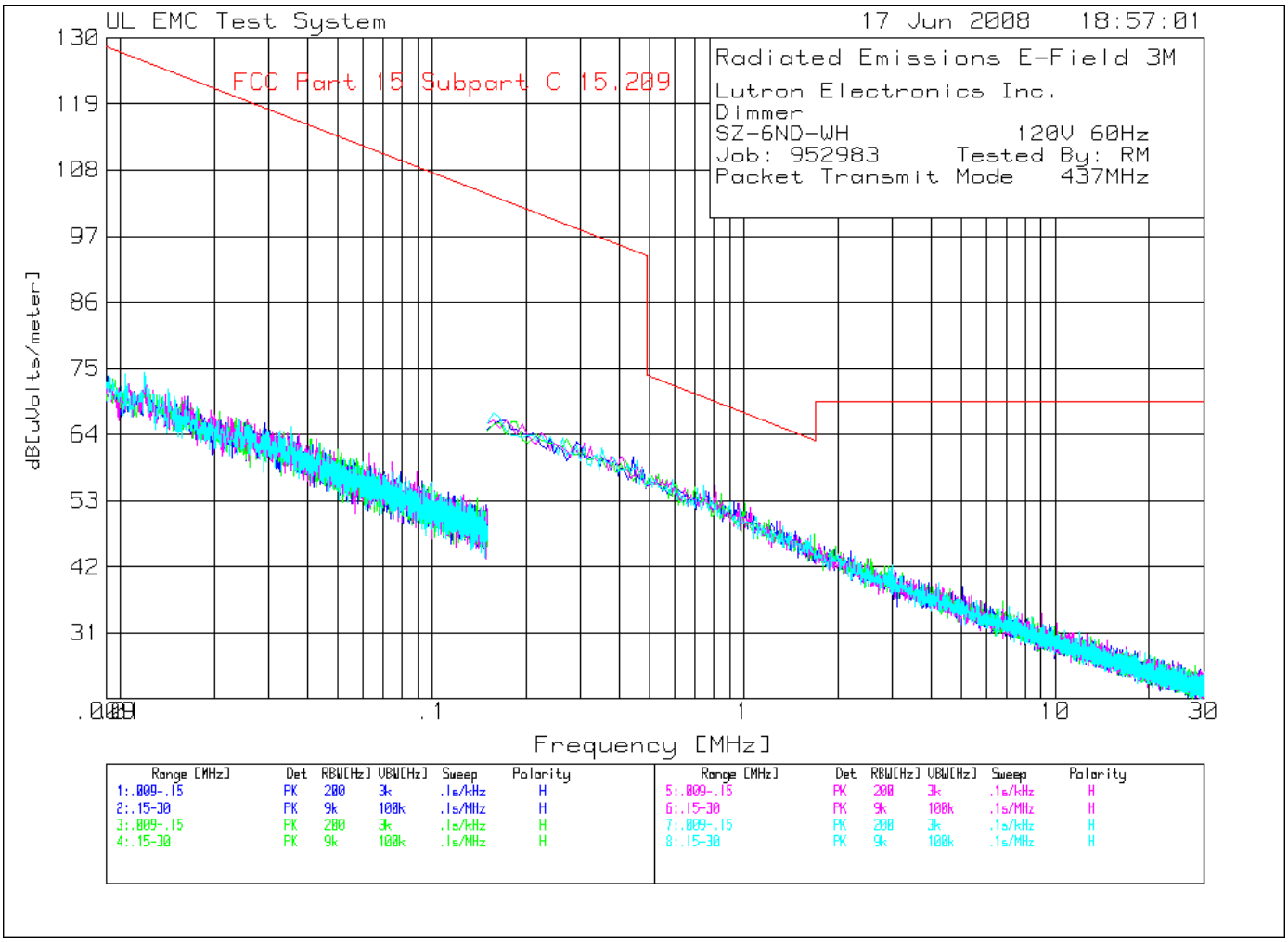


Table 23 Radiated Emissions Data Points

Lutron Electronics Inc.
Dimmer
SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: RM
Packet Transmit Mode 437MHz

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
0° .009 - .15MHz											
1	.0165	44.88 pk	0	25.4	70.28	123.2	-	-	-	-	-
	Azimuth:2	Height:100 Horz		Margin [dB]		-52.92	-	-	-	-	-
2	.11279	38.61 pk	0	15.9	54.51	106.6	-	-	-	-	-
	Azimuth:359	Height:100 Horz		Margin [dB]		-52.09	-	-	-	-	-
0° .15 - 30MHz											
3	.93376	37.52 pk	0	15.5	53.02	68.2	-	-	-	-	-
	Azimuth:8	Height:100 Horz		Margin [dB]		-15.18	-	-	-	-	-
45° .009 - .15MHz											
4	.02079	44.52 pk	.1	23.2	67.82	121.2	-	-	-	-	-
	Azimuth:353	Height:121 Horz		Margin [dB]		-53.38	-	-	-	-	-
5	.13928	37.57 pk	0	15.8	53.37	104.7	-	-	-	-	-
	Azimuth:7	Height:121 Horz		Margin [dB]		-51.33	-	-	-	-	-
45° .15 - 30MHz											
6	.6949	39.85 pk	0	15.5	55.35	70.8	-	-	-	-	-
	Azimuth:297	Height:121 Horz		Margin [dB]		-15.45	-	-	-	-	-
90° .009 - .15MHz											
7	.04246	44 pk	0	19.3	63.3	115	-	-	-	-	-
	Azimuth:58	Height:141 Horz		Margin [dB]		-51.7	-	-	-	-	-
8	.06283	43.69 pk	0	17.2	60.89	111.6	-	-	-	-	-
	Azimuth:358	Height:141 Horz		Margin [dB]		-50.71	-	-	-	-	-
90° .15 - 30MHz											
9	.80686	40 pk	0	15.5	55.5	69.5	-	-	-	-	-
	Azimuth:155	Height:141 Horz		Margin [dB]		-14	-	-	-	-	-
135° .009 - .15MHz											
10	.01199	46.07 pk	.2	28	74.27	126	-	-	-	-	-
	Azimuth:283	Height:161 Horz		Margin [dB]		-51.73	-	-	-	-	-
11	.03552	44.75 pk	0	20.5	65.25	116.6	-	-	-	-	-
	Azimuth:358	Height:161 Horz		Margin [dB]		-51.35	-	-	-	-	-
135° .15 - 30MHz											
12	1.40401	32.13 pk	.1	15.5	47.73	64.7	-	-	-	-	-
	Azimuth:358	Height:161 Horz		Margin [dB]		-16.97	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C 15.209

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Figure 33 Radiated Emissions Graph

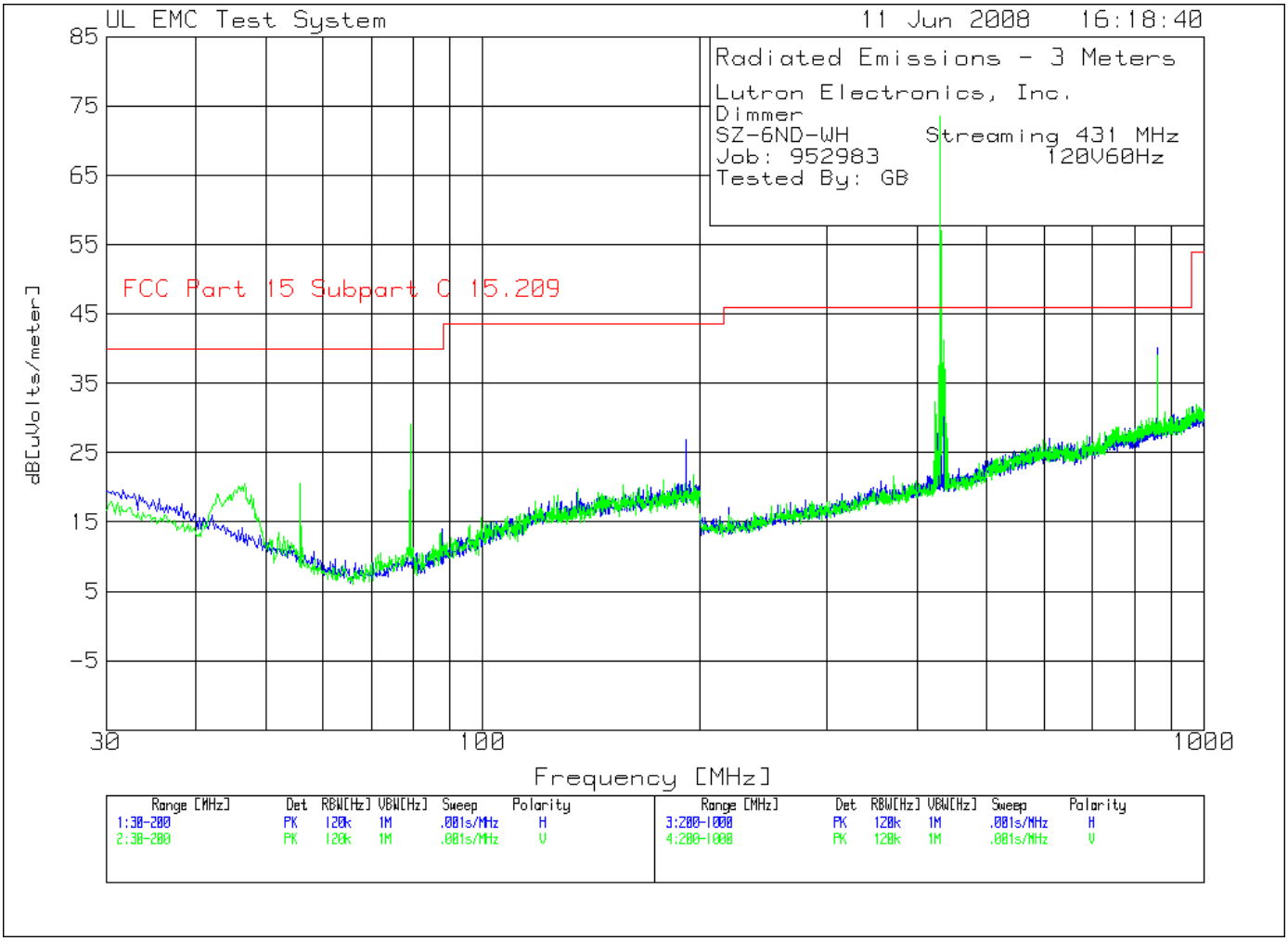


Table 24 Radiated Emissions Data Points

Lutron Electronics, Inc.
Dimmer
SZ-6ND-WH Streaming 431 MHz
Job: 952983 120V60Hz
Tested By: GB

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 30 - 200MHz											
1	191.1512	10.46 pk	.9	15.6	26.96	43.5	-	-	-	-	-
	Azimuth:343	Height:100 Horz		Margin [dB]		-16.54	-	-	-	-	-
Vertical 30 - 200MHz											
2	46.6767	9.56 pk	.4	10.6	20.56	40	-	-	-	-	-
	Azimuth:23	Height:100 Vert		Margin [dB]		-19.44	-	-	-	-	-
3	55.8659	12.55 pk	.5	7.5	20.55	40	-	-	-	-	-
	Azimuth:60	Height:100 Vert		Margin [dB]		-19.45	-	-	-	-	-
4	79.3493	20.73 pk	.6	7.7	29.03	40	-	-	-	-	-
	Azimuth:321	Height:100 Vert		Margin [dB]		-10.97	-	-	-	-	-
Horizontal 200 - 1000MHz											
5	430.9155	44.4 pk	1.3	16.6	62.3	46	-	-	-	-	-
	Azimuth:189	Height:300 Horz		Margin [dB]		16.3	-	-	-	-	-
6	428.5143	13.44 pk	1.3	16.6	31.34	46	-	-	-	-	-
	Azimuth:19	Height:300 Horz		Margin [dB]		-14.66	-	-	-	-	-
7	435.3177	16.06 pk	1.3	16.8	34.16	46	-	-	-	-	-
	Azimuth:274	Height:400 Horz		Margin [dB]		-11.84	-	-	-	-	-
8	862.3312	15.49 pk	1.7	22.9	40.09	46	-	-	-	-	-
	Azimuth:67	Height:200 Horz		Margin [dB]		-5.91	-	-	-	-	-
Vertical 200 - 1000MHz											
9	424.1121	14.77 pk	1.3	16.3	32.37	46	-	-	-	-	-
	Azimuth:189	Height:200 Vert		Margin [dB]		-13.63	-	-	-	-	-
10	428.5143	19.95 pk	1.3	16.3	37.55	46	-	-	-	-	-
	Azimuth:17	Height:400 Vert		Margin [dB]		-8.45	-	-	-	-	-
11	430.9155	56.02 pk	1.3	16.3	73.62	46	-	-	-	-	-
	Azimuth:17	Height:400 Vert		Margin [dB]		27.62	-	-	-	-	-
12	431.7159	33.53 pk	1.3	16.3	51.13	46	-	-	-	-	-
	Azimuth:17	Height:100 Vert		Margin [dB]		5.13	-	-	-	-	-
13	432.9165	20.21 pk	1.3	16.4	37.91	46	-	-	-	-	-
	Azimuth:17	Height:400 Vert		Margin [dB]		-8.09	-	-	-	-	-
14	436.1181	23.52 pk	1.3	16.4	41.22	46	-	-	-	-	-
	Azimuth:17	Height:100 Vert		Margin [dB]		-4.78	-	-	-	-	-
15	437.3187	19.28 pk	1.3	16.4	36.98	46	-	-	-	-	-
	Azimuth:18	Height:100 Vert		Margin [dB]		-9.02	-	-	-	-	-
16	861.931	14.19 pk	1.7	23.2	39.09	46	-	-	-	-	-
	Azimuth:151	Height:300 Vert		Margin [dB]		-6.91	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C 15.209

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Lutron Electronics, Inc.
Dimmer
SZ-6ND-WH Streaming 431 MHz
Job: 952983 120V60Hz
Tested By: GB

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 200 - 1000MHz										
431.0022	53.66 pk	1.3	16.6	71.56*	-	80.7	-	-	-	-
Azimuth: 56	Height:104 Horz		Margin [dB]:	-9.14		-	-	-	-	-
861.9223	23.28 pk	1.7	22.9	47.88*	-	-	60.7	-	-	-
Azimuth: 42	Height:188 Horz		Margin [dB]:	-12.82		-	-	-	-	-
Vertical 200 - 1000MHz										
431.0002	64.48 pk	1.3	16.3	62.08*	-	80.7	-	-	-	-
Azimuth: 4	Height:132 Vert		Margin [dB]:	-18.62		-	-	-	-	-
862.0564	23.28 pk	1.7	23.2	48.18*	-	-	60.7	-	-	-
Azimuth: 236	Height:155 Vert		Margin [dB]:	-12.52		-	-	-	-	-
431.9784	13.03 qp	1.3	16.3	30.63	46	-	-	-	-	-
Azimuth: 4	Height:146 Vert		Margin [dB]:	-15.37		-	-	-	-	-
436.9236	16.14 qp	1.3	16.4	33.84	46	-	-	-	-	-
Azimuth: 2	Height:137 Vert		Margin [dB]:	-12.16		-	-	-	-	-

* Rounded Correction Factor applied.

LIMIT 1: FCC Part 15 Subpart C 15.209
LIMIT 2: FCC Part 15 Subpart C 15.231 Fundamental
LIMIT 3: FCC Part 15 Subpart C 15.231 Spurious

pk - Peak detector (maximized peak signal)
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Figure 34 Radiated Emissions Graph

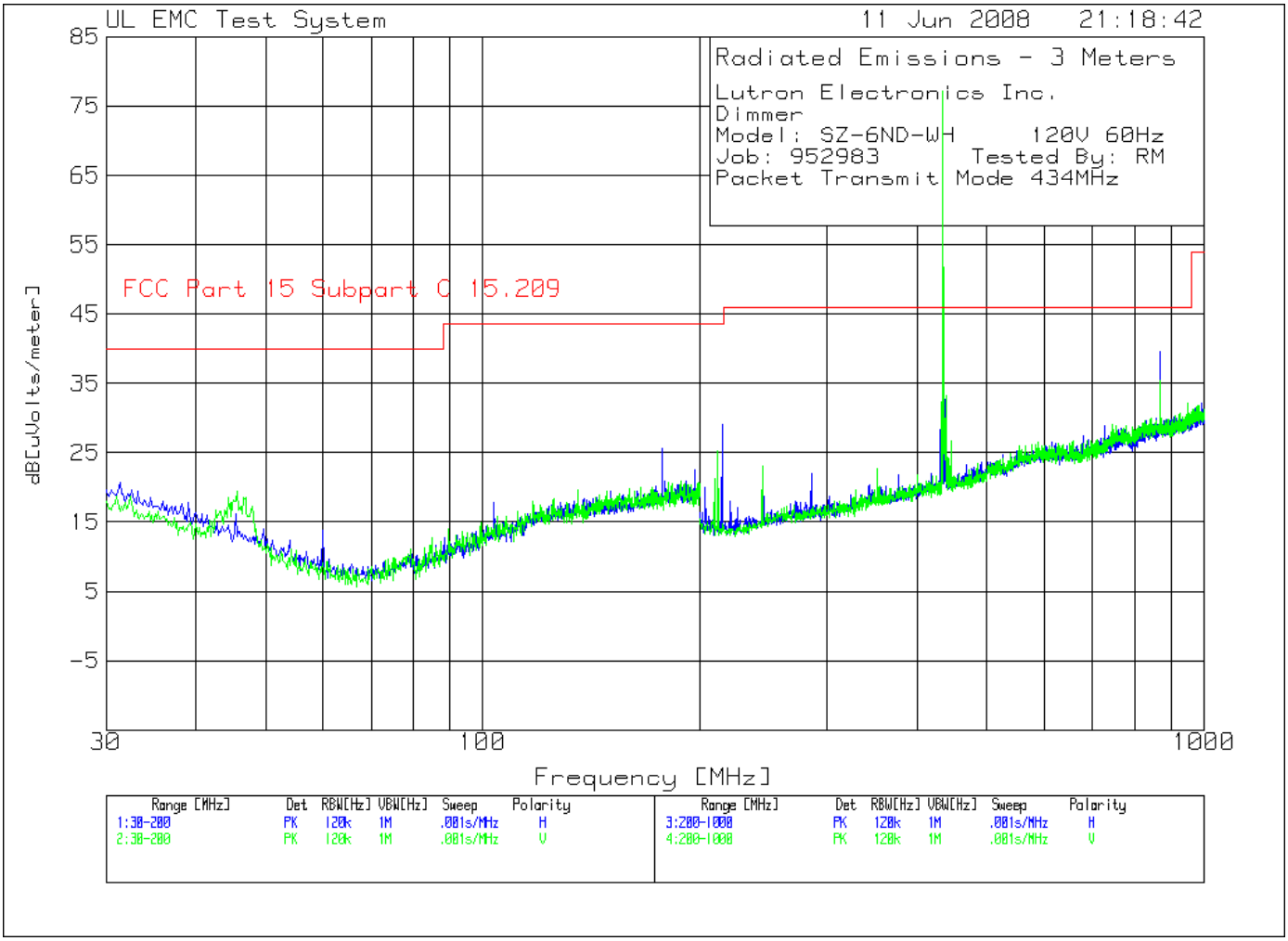


Table 25 Radiated Emissions Data Points

Lutron Electronics Inc.
Dimmer
Model: SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: RM
Packet Transmit Mode 434MHz

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 30 - 200MHz											
1	177.1972	9.61 pk	.8	15.2	25.61	43.5	-	-	-	-	-
	Azimuth:58	Height:400 Horz		Margin [dB]		-17.89	-	-	-	-	-
Vertical 30 - 200MHz											
2	45.6557	8.18 pk	.4	10.9	19.48	40	-	-	-	-	-
	Azimuth:348	Height:100 Vert		Margin [dB]		-20.52	-	-	-	-	-
Horizontal 200 - 1000MHz											
3	214.4072	16.59 pk	.9	11.5	28.99	43.5	-	-	-	-	-
	Azimuth:234	Height:100 Horz		Margin [dB]		-14.51	-	-	-	-	-
4	430.1151	10.46 pk	1.3	16.6	28.36	46	-	-	-	-	-
	Azimuth:358	Height:300 Horz		Margin [dB]		-17.64	-	-	-	-	-
5	434.1171	42.52 pk	1.3	16.8	60.62	46	-	-	-	-	-
	Azimuth:18	Height:400 Horz		Margin [dB]		14.62	-	-	-	-	-
6	434.9175	20.34 pk	1.3	16.8	38.44	46	-	-	-	-	-
	Azimuth:18	Height:100 Horz		Margin [dB]		-7.56	-	-	-	-	-
7	436.9185	14.41 pk	1.3	16.9	32.61	46	-	-	-	-	-
	Azimuth:60	Height:100 Horz		Margin [dB]		-13.39	-	-	-	-	-
8	867.934	15 pk	1.7	22.9	39.6	46	-	-	-	-	-
	Azimuth:234	Height:200 Horz		Margin [dB]		-6.4	-	-	-	-	-
Vertical 200 - 1000MHz											
9	432.1161	14.69 pk	1.3	16.3	32.29	46	-	-	-	-	-
	Azimuth:145	Height:400 Vert		Margin [dB]		-13.71	-	-	-	-	-
10	434.1171	59.21 pk	1.3	16.4	76.91	46	-	-	-	-	-
	Azimuth:316	Height:400 Vert		Margin [dB]		30.91	-	-	-	-	-
11	435.3177	30.64 pk	1.3	16.4	48.34	46	-	-	-	-	-
	Azimuth:316	Height:300 Vert		Margin [dB]		2.34	-	-	-	-	-
12	436.1181	18.27 pk	1.3	16.4	35.97	46	-	-	-	-	-
	Azimuth:316	Height:400 Vert		Margin [dB]		-10.03	-	-	-	-	-
13	438.5193	15.43 pk	1.3	16.5	33.23	46	-	-	-	-	-
	Azimuth:188	Height:200 Vert		Margin [dB]		-12.77	-	-	-	-	-
14	867.934	10.47 pk	1.7	23.2	35.37	46	-	-	-	-	-
	Azimuth:24	Height:100 Vert		Margin [dB]		-10.63	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C 15.209

Lutron Electronics Inc.
Dimmer
Model: SZ-6ND-WH 120V 60Hz
Job: 952983 Tested By: RM
Packet Transmit Mode 434MHz

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 200 - 1000MHz										
434.0008	61.27 pk	1.3	16.8	79.37*	-	80.8	-	-	-	-
Azimuth: 278	Height:167 Horz		Margin [dB]:	-1.43		-	-	-	-	-
868.0488	24.08 pk	1.7	22.9	48.68*	-	-	60.8	-	-	-
Azimuth: 45	Height:185 Horz		Margin [dB]:	-12.12		-	-	-	-	-
Vertical 200 - 1000MHz										
434.0028	69.96 pk	1.3	16.4	67.66*	-	80.8	-	-	-	-
Azimuth: 8	Height:138 Vert		Margin [dB]:	-13.14		-	-	-	-	-
868.0636	23.39 pk	1.7	23.2	48.29*	-	60.8	-	-	-	-
Azimuth: 232	Height:154 Vert		Margin [dB]:	-12.51		-	-	-	-	-
435.9409	19.92 qp	1.3	16.4	37.62	46	-	-	-	-	-
Azimuth: 7	Height:140 Vert		Margin [dB]:	-8.38		-	-	-	-	-

*Rounded Correction Factor applied.

LIMIT 1: FCC Part 15 Subpart C 15.209
LIMIT 2: FCC Part 15 Subpart C 15.231 Fundamental
LIMIT 3: FCC Part 15 Subpart C 15.231 Spurious

pk - Peak detector (maximized peak signal)
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Figure 35 Radiated Emissions Graph

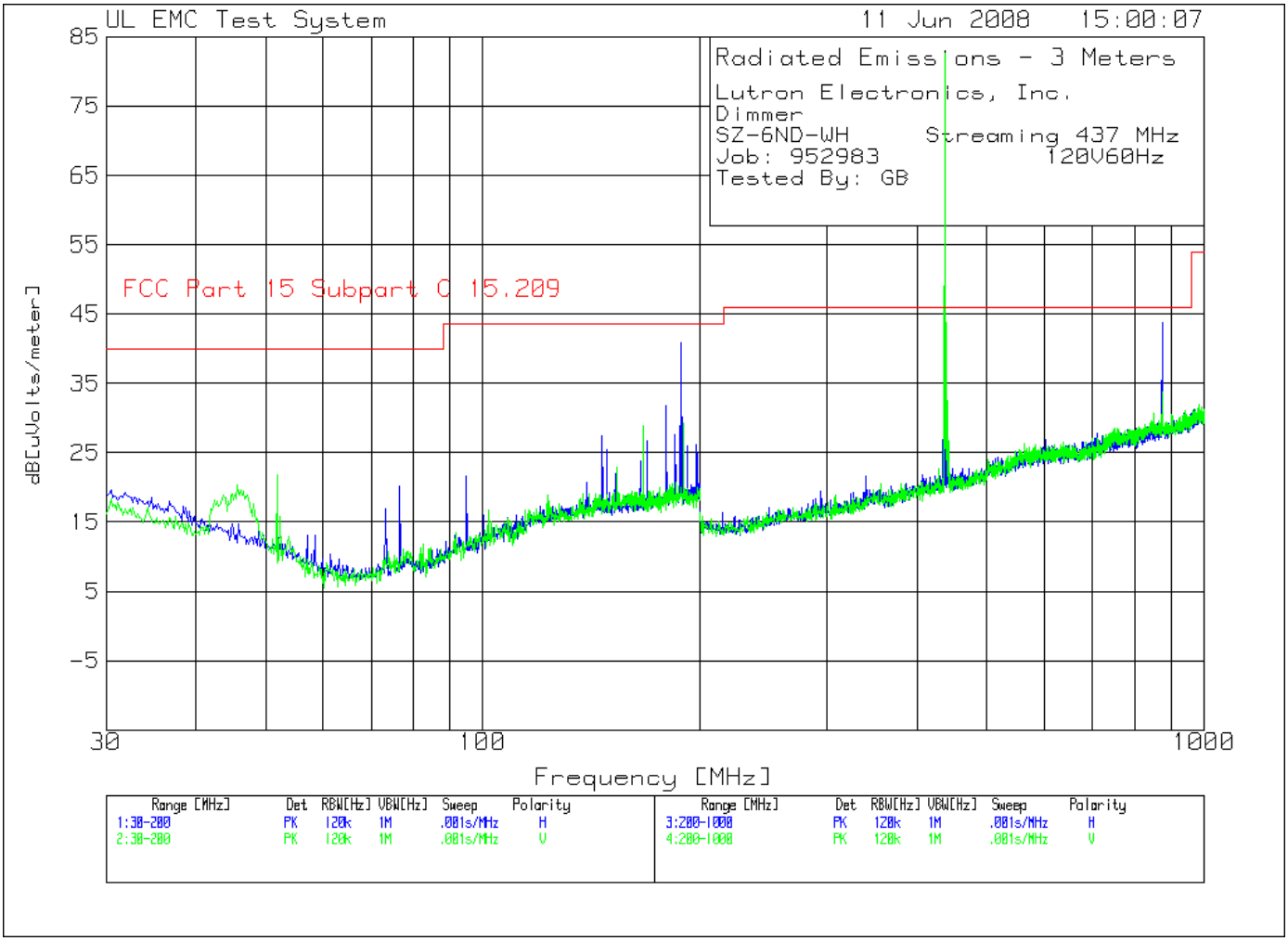


Table 26 Radiated Emissions Data Points

Lutron Electronics, Inc.
Dimmer
SZ-6ND-WH Streaming 437 MHz
Job: 952983 120V60Hz
Tested By: GB

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 30 - 200MHz											
1	188.4284	24.42 pk	.9	15.6	40.92	43.5	-	-	-	-	-
	Azimuth:358	Height:400 Horz		Margin [dB]		-2.58	-	-	-	-	-
Horizontal 200 - 1000MHz											
2	436.9185	55.92 pk	1.3	16.9	74.12	46	-	-	-	-	-
	Azimuth:52	Height:100 Horz		Margin [dB]		28.12	-	-	-	-	-
5	873.937	19.15 pk	1.7	23	43.85	46	-	-	-	-	-
	Azimuth:100	Height:200 Horz		Margin [dB]		-2.15	-	-	-	-	-
Vertical 200 - 1000MHz											
3	436.9185	65.01 pk	1.3	16.4	82.71	46	-	-	-	-	-
	Azimuth:30	Height:100 Vert		Margin [dB]		36.71	-	-	-	-	-
4	438.5193	26.06 pk	1.3	16.5	43.86	46	-	-	-	-	-
	Azimuth:348	Height:200 Vert		Margin [dB]		-2.14	-	-	-	-	-
6	873.937	8.82 pk	1.7	23.2	33.72	46	-	-	-	-	-
	Azimuth:92	Height:200 Vert		Margin [dB]		-12.28	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C 15.209

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Lutron Electronics, Inc.
Dimmer
SZ-6ND-WH Streaming 437 MHz
Job: 952983 120V60Hz
Tested By: GB

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 30 - 200MHz										
188.4	8.3 qp	.9	15.6	24.8	43.5	-	-	-	-	-
Azimuth: 39	Height:143 Horz		Margin [dB]:	-18.7		-	-	-	-	-
Horizontal 200 - 1000MHz										
437.0278	51.19 pk	1.3	16.9	69.39*	-	80.9	-	-	-	-
Azimuth: 190	Height:191 Horz		Margin [dB]:	-11.51		-	-	-	-	-
874.0528	18.92 qp	1.7	23	43.62*	-	60.9	-	-	-	
Azimuth: 291	Height:259 Horz		Margin [dB]:	-17.28		-	-	-	-	-
Vertical 200 - 1000MHz										
436.9	69.94 pk	1.3	16.4	67.64*	-	80.9	-	-	-	-
Azimuth: 3	Height:141 Vert		Margin [dB]:	-13.26		-	-	-	-	-
438	16.52 qp	1.3	16.5	34.32	46	-	-	-	-	-
Azimuth: 1	Height:148 Vert		Margin [dB]:	-11.68		-	-	-	-	-

*Rounded Correction Factor applied.

LIMIT 1: FCC Part 15 Subpart C 15.209
LIMIT 2: FCC Part 15 Subpart C 15.231 Fundamental
LIMIT 3: FCC Part 15 Subpart C 15.231 Spurious

pk - Peak detector (maximized peak signal)

qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Figure 36 Radiated Emissions Graph

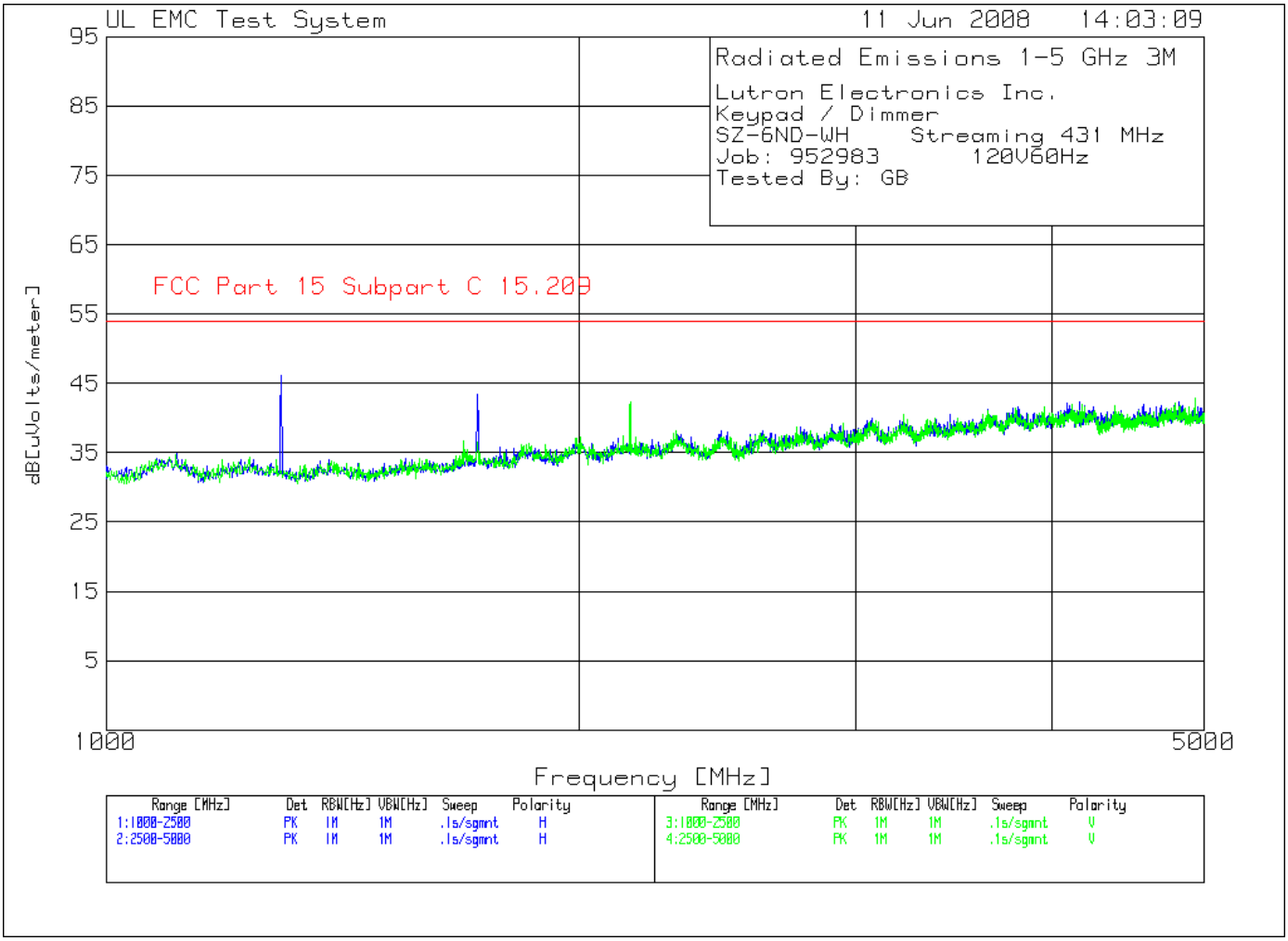


Table 27 Radiated Emissions Data Points

Lutron Electronics Inc.
Keypad / Dimmer
SZ-6ND-WH Streaming 431 MHz
Job: 952983 120V60Hz
Tested By: GB

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 1000 - 2500MHz											
1	1292.793	52.69 pk	-31.7	25.1	46.09	54	-	-	-	-	-
	Azimuth:358	Height:100 Horz		Margin [dB]		-7.91	-	-	-	-	-
2	1723.724	47.57 pk	-30.4	26.3	43.47	54	-	-	-	-	-
	Azimuth:26	Height:100 Horz		Margin [dB]		-10.53	-	-	-	-	-
Horizontal 2500 - 5000MHz											
6	4164.443	34.9 pk	-25	32.4	42.3	54	-	-	-	-	-
	Azimuth:334	Height:100 Horz		Margin [dB]		-11.7	-	-	-	-	-
Vertical 1000 - 2500MHz											
3	1723.724	40.59 pk	-30.4	26.3	36.49	54	-	-	-	-	-
	Azimuth:248	Height:100 Vert		Margin [dB]		-17.51	-	-	-	-	-
4	2156.156	43.91 pk	-29.6	28	42.31	54	-	-	-	-	-
	Azimuth:248	Height:100 Vert		Margin [dB]		-11.69	-	-	-	-	-
Vertical 2500 - 5000MHz											
5	3217.145	37.31 pk	-27.4	30.6	40.51	54	-	-	-	-	-
	Azimuth:301	Height:100 Vert		Margin [dB]		-13.49	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C 15.209

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Lutron Electronics Inc.
Keypad / Dimmer
SZ-6ND-WH Streaming 431 MHz
Job: 952983 120V60Hz
Tested By: GB

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 1000 - 2500MHz										
1301	48.78 pk	-31.6	25.1	42.28	54	-	-	-	-	-
Azimuth: 43	Height:188 Horz		Margin [dB]:	-11.72		-	-	-	-	-
1735	45.44 pk	-30.5	26.3	41.24	54	-	-	-	-	-
Azimuth: 190	Height:199 Horz		Margin [dB]:	-12.76		-	-	-	-	-
Vertical 1000 - 2500MHz										
1301	47.56 pk	-31.6	25.1	41.06	54	-	-	-	-	-
Azimuth: 108	Height:107 Vert		Margin [dB]:	-12.94		-	-	-	-	-
2170.1723	43.61 pk	-29.5	28.1	42.21	54	-	-	-	-	-
Azimuth: 241	Height:106 Vert		Margin [dB]:	-11.79		-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C 15.209

pk - Peak detector (maximized peak)
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Figure 37 Radiated Emissions Graph

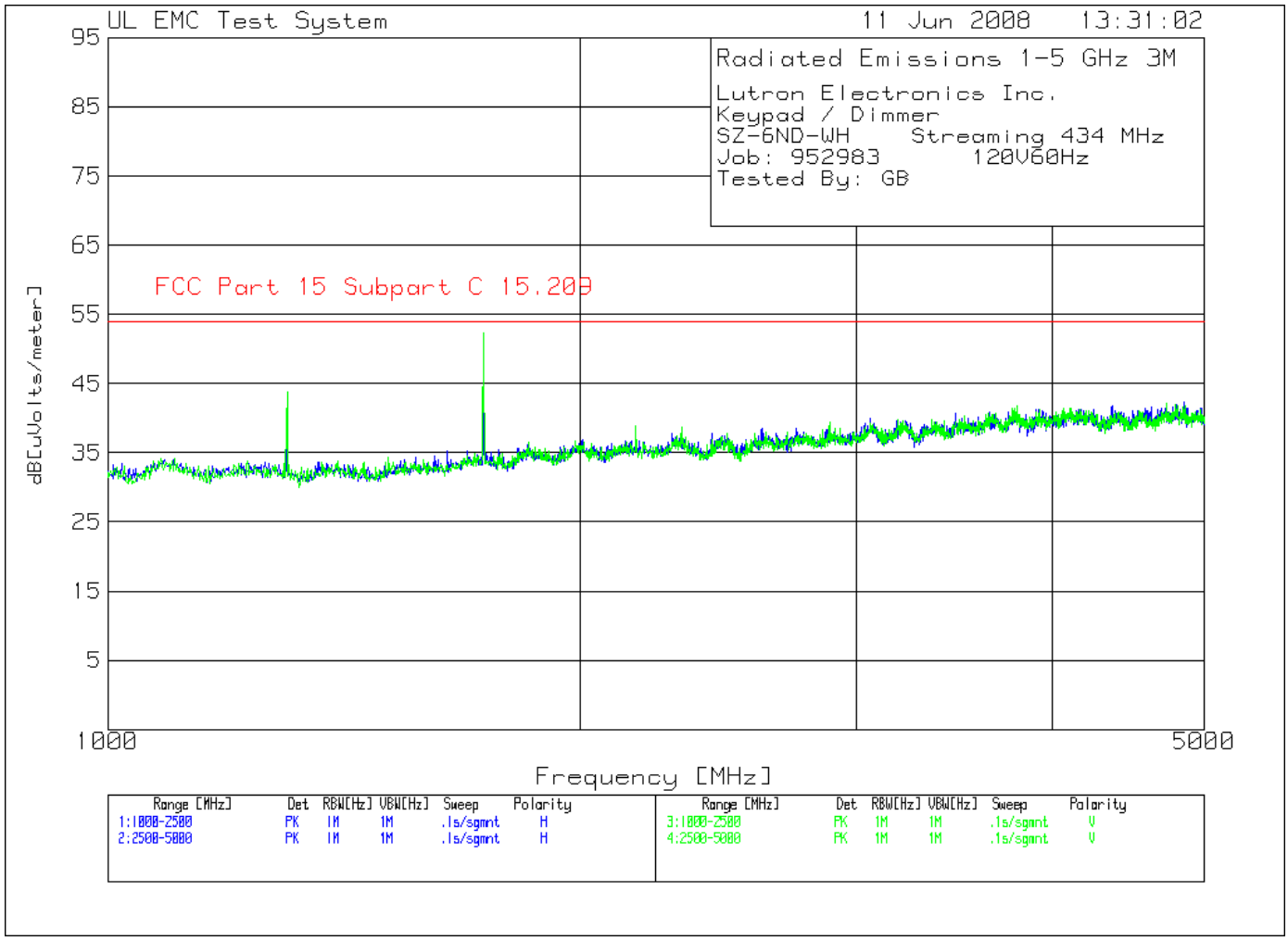


Table 28 Radiated Emissions Data Points

Lutron Electronics Inc.
Keypad / Dimmer
SZ-6ND-WH Streaming 434 MHz
Job: 952983 120V60Hz
Tested By: GB

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 1000 - 2500MHz											
1	1301.802	47.5 pk	-31.6	25.1	41	54	-	-	-	-	-
	Azimuth:358	Height:200 Horz		Margin [dB]		-13	-	-	-	-	-
2	1735.736	47.04 pk	-30.5	26.3	42.84	54	-	-	-	-	-
	Azimuth:84	Height:100 Horz		Margin [dB]		-11.16	-	-	-	-	-
Vertical 1000 - 2500MHz											
3	1301.802	50.2 pk	-31.6	25.1	43.7	54	-	-	-	-	-
	Azimuth:358	Height:100 Vert		Margin [dB]		-10.3	-	-	-	-	-
4	1735.736	56.45 pk	-30.5	26.4	52.35	54	-	-	-	-	-
	Azimuth:329	Height:100 Vert		Margin [dB]		-1.65	-	-	-	-	-
5	2171.171	40.19 pk	-29.5	28.1	38.79	54	-	-	-	-	-
	Azimuth:64	Height:200 Vert		Margin [dB]		-15.21	-	-	-	-	-
6	2321.321	39.34 pk	-28.9	28.3	38.74	54	-	-	-	-	-
	Azimuth:149	Height:200 Vert		Margin [dB]		-15.26	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C 15.209

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - denotes average log detection
ave - Average detector

Frequency [MHz]	Test	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Vertical 1000 - 2500MHz											
1735.76	55.94 pk		-30.5	26.4	51.84	54	-	-	-	-	-
Azimuth: 138	Height:168 Vert			Margin [dB]:		-2.16	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C 15.209

pk - Peak detector (maximized peak)
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Note: Maximized peak at 1735.76 is below average limit, no correction factor applied.

Figure 38 Radiated Emissions Graph

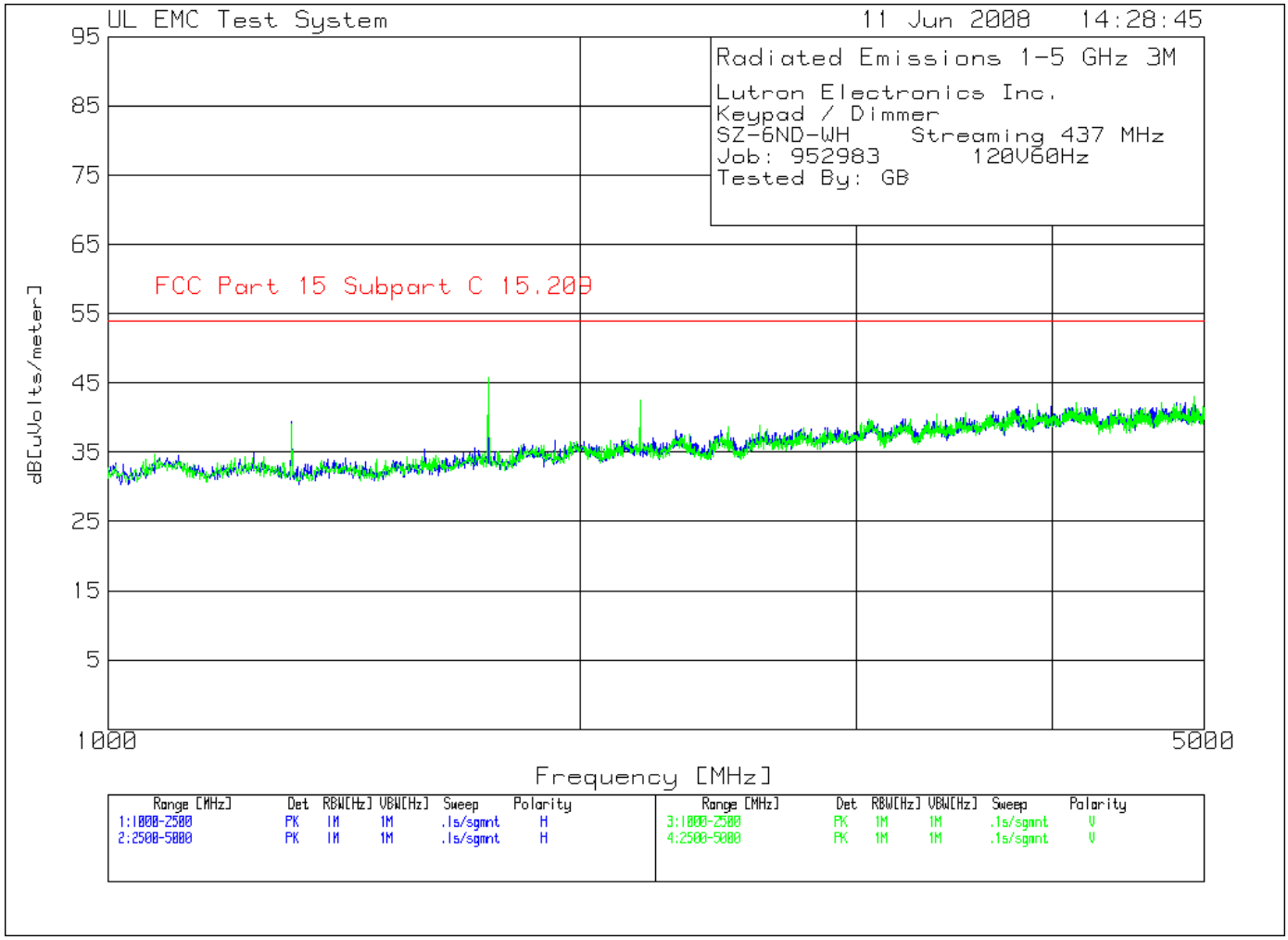


Table 29 Radiated Emissions Data Points

Lutron Electronics Inc.
Keypad / Dimmer
SZ-6ND-WH Streaming 437 MHz
Job: 952983 120V60Hz
Tested By: GB

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 1000 - 2500MHz											
1	1310.811	45.91 pk	-31.6	25.1	39.41	54	-	-	-	-	-
	Azimuth:354	Height:100 Horz		Margin [dB]		-14.59	-	-	-	-	-
2	1747.748	45.03 pk	-30.5	26.4	40.93	54	-	-	-	-	-
	Azimuth:248	Height:100 Horz		Margin [dB]		-13.07	-	-	-	-	-
Vertical 1000 - 2500MHz											
3	1310.811	45.62 pk	-31.6	25.1	39.12	54	-	-	-	-	-
	Azimuth:220	Height:100 Vert		Margin [dB]		-14.88	-	-	-	-	-
4	1747.748	49.91 pk	-30.5	26.4	45.81	54	-	-	-	-	-
	Azimuth:354	Height:200 Vert		Margin [dB]		-8.19	-	-	-	-	-
5	2184.685	43.8 pk	-29.4	28.1	42.5	54	-	-	-	-	-
	Azimuth:354	Height:100 Vert		Margin [dB]		-11.5	-	-	-	-	-
6	2484.985	39.16 pk	-29.1	28.6	38.66	54	-	-	-	-	-
	Azimuth:331	Height:100 Vert		Margin [dB]		-15.34	-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C 15.209

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

Lutron Electronics Inc.
Keypad / Dimmer
SZ-6ND-WH Streaming 437 MHz
Job: 952983 120V60Hz
Tested By: GB

Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level dB[uVolts/meter]	Limit:1	2	3	4	5	6
Horizontal 1000 - 2500MHz										
1310	45.07 pk	-31.6	25.1	38.57	54	-	-	-	-	-
Azimuth: 317	Height:150 Horz		Margin [dB]:	-15.43		-	-	-	-	-
1748	41.24 pk	-30.5	26.4	37.14	54	-	-	-	-	-
Azimuth: 171	Height:146 Horz		Margin [dB]:	-16.86		-	-	-	-	-
Vertical 1000 - 2500MHz										
1309.2114	37.85 pk	-31.6	25.1	31.35	54	-	-	-	-	-
Azimuth: 124	Height:197 Vert		Margin [dB]:	-22.65		-	-	-	-	-
1748	38.45 pk	-30.5	26.4	34.35	54	-	-	-	-	-
Azimuth: 295	Height:134 Vert		Margin [dB]:	-19.65		-	-	-	-	-
2184	37.23 pk	-29.4	28.1	35.93	54	-	-	-	-	-
Azimuth: 349	Height:156 Vert		Margin [dB]:	-18.07		-	-	-	-	-

LIMIT 1: FCC Part 15 Subpart C 15.209

pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
ave - Average detector

5.0 Fundamental Frequency and Spurious Emissions Measurement Limit Calculations

Limit Calculation
Limit in uV/m at 3 meters = 41.6667(F) - 7083.3333
F is the fundamental frequency in MHz

Fundamental Frequency is 431MHz
Limit = 41.6667(431)-7083.3333
Limit = 10875.0144

Limit In dBuV/m = 20log(limit in uV)
Limit in dBuV/m = 20log(10875.0144)
Limit in dBuV/m = 80.7

From table in section 15.231
Limit for Spurious Emissions = 20dB lower then fundamental

Fundamental Frequency is 431MHz
Limit = Fundemental Limit – 20dB
Limit = 80.7dBuV/m – 20dB
Limit = 60.7dBuV/m

Radiated Emissions Limit conversion from μV/m to dBμV/m (accordance with paragraph 15.109)

Radiated Emissions Limit (dBμV/m) = 20*log (μV/m)
Radiated Emissions Limit (dBμV/m) = 20 * log (90)
Radiated Emissions Limit (dBμV/m) = 39.1

Radiated Emissions test data obtained during measurements.

Field Strength (dBμV/m) = Measured field strength (dBμV) + Antenna Factor (dB/m) + Cable Factor (dB)
Field Strength (dBμV/m) = 16.13dBμV + 16.4dB/m + 1.3dB
Field Strength (dBμV/m) = 33.84

Duty Cycle Correction Factor Calculation

Duty Cycle Correction factor = 20log (Total on time) / (Total Transmission Time)
Duty Cycle Correction factor = 20log (4.81mS) / (75.15mS)
Duty Cycle Correction factor = -23.88

Appendix A

Accreditations and Authorizations

NVLAP Lab code: 100255-0

NVLAP: Recognized under the National Voluntary Laboratory Accreditation Program (NVLAP) for satisfactory compliance with criteria established in Title 15, Part 285 Code of Federal Regulations. These criteria encompass the requirements of ISO/IEC EN17025 and the relevant requirements of ISO 9002 (ANSI/ASQC Q92-1987) as suppliers of calibration or test results. For a full scope listing see http://ts.nist.gov/ts/htdocs/210/214/scopes/1002550.htm

FCC: Details of the measurement facilities used for these tests have been filed with the Federal Communications Commission's Laboratory in Columbia, Maryland (Ref. No. 91040).

Industry Canada Industrie Canada

Industry of Canada: Accredited by Industry Canada for performance of radiated measurements. Our test site complies with RSP 100, Issue 7, Section 3.3. File #: IC 2181

VCCI: Accepted as an Associate Member to the VCCI. The measurement facilities detailed in this test report have been registered in accordance with Regulations for Voluntary Control Measures, Article 8. Registration Nos.: (Radiated Emissions) R-797, (Conducted Emissions) C-832, C-833, C-834 and (Conducted Emissions - Telecommunications Ports) T-160.

ICASA: ICASA (Independent Communications Authority of South Africa) has appointed UL as a Designated Test Laboratory to test Telecommunications equipment for type approval in compliance with CISPR 22 to assist in fulfilling its mandate under section 54(1) of the Telecommunications Act, 1996 (Act 103 of 1996).

NIST/CAB: Validated by the European Commission as a U.S. Conformity Assessment Body (CAB) of the U.S.-EU Mutual Recognition Agreement (MRA) for the Electromagnetic Compatibility - Council Directive 89/336/EEC, Article 10 (2). Also validated for the Telecommunication Equipment-Council Directive 99/5/EC, Annex III and IV, Identification Number: 0983.
NIST/CAB: Provisioned to act as a U.S. Conformity Assessment Body (CAB) under Appendix B, Phase I Procedures, of the Asia Pacific Economic Cooperation (APEC) MRA between the American Institute in Taiwan (AIT) and the United States. Our laboratory is considered qualified to test equipment subject to the applicable EMC regulations of the Chinese Taipei Bureau of Standards, Metrology and Inspection (BSMI) which require testing to CNS 13438 (CISPR 22).
NIST/CAB: Recognized by the Infocomm Development Authority of Singapore (IDA) under the Asia Pacific Economic Cooperation Mutual Recognition Agreement (APEC MRA). Our laboratory is provisionally designated to act as a Conformity Assessment Body (CAB) under Appendix B, Phase I Procedures, of the APEC MRA. Our scope of designation includes IDA TS EMC (CISPR 22), IEC 61000-4-2, -4-3, -4-4, -4-5, and -4-6