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Test Report

Applicant	Ronin Syndicate LLC
Address	8100E. Indian School Road, Suite 103, Scottsdale, Arizona 85251, United States
FCC ID Number	FCC ID: OM601480T27
Brand Name(s)	None
Model Number(s)/Item Number(s)	01480
Product Description	26.96-27.28 MHz Wireless Remote Control Toy - TX
Operating Frequency	27.145 MHz
Rules/Standards	Part 15.227 of the FCC Rules, RSS-310 Issue 3 and RSS-Gen Issue 3 of the Industry Canada
Received Date	2nd September, 2013
Tested Date	3rd September, 2013
Approved by	Dick Chan (Director of Gakkiku)
Tested by	 Lahm Peng (Engineer of SEM.Test)
Signed by	 Jandy So (Manager of SEM.Test)
Report Number	GKK201309030B
Test Results	☒ PASSED ☐ FAILED

GENERAL

The report is written by Gakkiku Technology Company. The tested device complies with the general approval requirements of the FCC Rules and the Industry Canada as identified in this test report.

TEST LOCATION

The tested device was tested at the test site of the SEM.Test Compliance Service Co., Ltd., 3/F, Jinbao Commerce Building, Xin'an Fanshen Road, Bao'an District, Shenzhen, 518101, Guangdong, China. The FCC Recognized 2.948 Listed Test Firm Registration Number is 994117. The Industry Canada IC OATS Filing Number/Assigned Code is 7673A.

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1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Applicant: Ronin Syndicate LLC
Address of applicant: 8100E. Indian School Road, Suite 103,
Scottsdale, Arizona 85251, United States

Manufacturer: Ronin Syndicate LLC
Address of manufacturer: 8100E. Indian School Road, Suite 103,
Scottsdale, Arizona 85251, United States

General Description of EUT

Item	Description
Product Description:	26.96-27.28 MHz Wireless Remote Control Toy - TX
Brand Name(s):	None
Model Number(s)/Item Number(s):	01480
Power Source:	DC 9V Battery
Frequency Range:	27.145 MHz
Antenna Type:	Fixed Antenna
For more information refer to the circuit diagram form and the user's manual.	

The test data is gathered from a production sample, provided by the manufacturer.

1.2 Test Standards

The following report is prepared on behalf of the Ronin Syndicate LLC in accordance with Part 15 Subpart C, Part 15.227, 15.209, 15.205 & 15.203 of the FCC Rules and RSS-310 Issue 3 of the Industry Canada: Spectrum Management Telecommunications Radio Standards Specification, Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands): Category II Equipment sets out standard requirements for Low-power Licence-exempt Radiocommunication Devices that are certification exempt.

The objective is to determine compliance with Part 15 Subpart C, Part 15.227, 15.209, 15.205 & 15.203 of the FCC Rules and RSS-310 Issue 3 & RSS-Gen Issue 3 of the Industry Canada.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which results in lowering the emission/immunity, should be checked to ensure compliance has been maintained.

1.3 Related Submittal(s)/Grant(s)

No Related Submittal(s).

1.4 Test Methodology

All measurements contained in this report were conducted with ANSI C63.4-2009, American National Standard Institute for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

The equipment under test (EUT) was configured to measure its highest possible emission level. The test modes were adapted accordingly in reference to the Operating Instructions.

1.5 EUT Exercise Software

The EUT exercise program used during the testing was designed to exercise the system components. The test software is started while the whole system is on.

1.6 Accessories Equipment List and Details

Description	Manufacturer	Model Number	Serial Number
/	/	/	/

1.7 EUT Cable List and Details

Cable Description	Length (M)	Shielded/ Unshielded	With Core/ Without Core
/	/	/	/

2. SUMMARY OF TEST RESULTS

FCC RULES INDUSTRY CANADA	DESCRIPTION OF TEST	RESULT
Part 15.203, RSS-Gen Issue 3 §7.1.2	Antenna Requirement	Compliant
Part 15.205, RSS-310 Issue 3 §2.4 & RSS-Gen Issue 3 §7.2.2 Table 3	Restricted Band of Operation	Compliant
Part 15.209, RSS-310 Issue 3 §3.8 & RSS-Gen Issue 3 §7.2.5 Table 5	Radiated Emission Limit	Compliant
Part 15.227(a), RSS-310 Issue 3 §3.8 & RSS-Gen Issue 3 §7.2.5 Table 5	Field Strength	Compliant
Part 15.227(b), RSS-310 Issue 3 §2.4 & RSS-Gen Issue 3 §7.2.2 Table 3	Out of Band Emission	Compliant

3. Part 15.203 & RSS-Gen Issue 3 §7.1.2 - ANTENNA REQUIREMENT

3.1 Standard Applicable

According to Part 15.203 and RSS-Gen Issue 3 §7.1.2, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

3.2 Test Result

This product has a fixed antenna, fulfill the requirement of this section.

4. Part 15.227, 15.209, 15.205 & RSS-310 Issue 3 §3.8 - RADIATED EMISSION

4.1 Measurement Uncertainty

Based on NIS 81, the Treatment of Uncertainty in EMC Measurements, the best estimate of the uncertainty of a radiation emissions measurement is ± 5.10 dB.

4.2 Standard Applicable

According to Part 15.227(a) of the FCC Rules, the field strength of any emission within this band shall not exceed 10,000 microvolts/meter at 3 meters. The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in Part 15.35 of the FCC Rules for limiting peak emissions apply.

According to RSS-310 Issue 3 §3.8 of the Industry Canada, the field strength shall not exceed 10 millivolts/m measured at 3 meters (equivalent with an averaging or a CISPR quasi-peak detector (equivalent to 30 μ W e.i.r.p.).

According to Part 15.227(b) of the FCC Rules, the field strength of any emissions which appear outside of this band shall not exceed the general radiated emission limits in Part 15.209 of the FCC Rules.

According to RSS-310 Issue 3 §3.8 of the Industry Canada, the field strength of any emissions which appear outside of this band shall apply the limits of RSS-Gen Issue 3 §7.2.2 Table 3.

4.3 Test Equipment List and Details

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
Spectrum Analyzer	R&S	FSP	836079/035	2013-05-07	2014-05-06
EMI Test Receiver	R&S	ESVB	825471/005	2013-05-07	2014-05-06
Positioning Controller	C&C	CC-C-1F	N/A	2013-05-07	2014-05-06
RF Switch	EM	EMSW18	SW060023	2013-05-07	2014-05-06
Pre-amplifier	Agilent	8447F	3113A06717	2013-05-07	2014-05-06
Pre-amplifier	Compliance Direction	PAP-0118	24002	2013-05-07	2014-05-06
Trilog Broadband Antenna	SCHWARZBECK	VULB9163	9163-333	2013-04-20	2014-04-19
Horn Antenna	ETS	3117	00086197	2013-04-20	2014-04-19
Loop Antenna	SCHWARZECK	HFRA 5165	9365	2013-04-20	2014-04-19

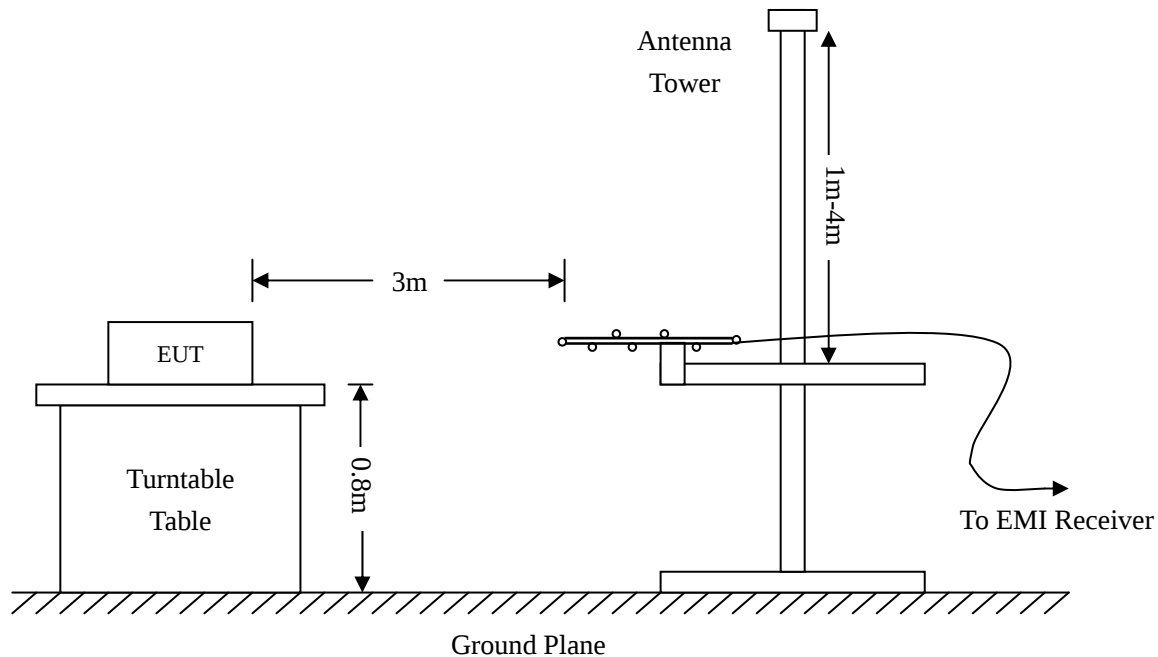
Statement of Traceability: All calibrations have been performed per the NVLAP requirements traceable to the NIST.

4.4 Test Procedure

The setup of EUT is according with per ANSI Standard C63.4-2009 measurement procedure. The specification used was with the limits of Part 15.227(a), 15.209 & 15.205 of the FCC Rules and RSS-310 Issue 3 §3.8 of the Industry Canada.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.



4.5 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and the Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

$$\text{Corr. Ampl.} = \text{Indicated Reading} - \text{Corr. Factor}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -6dB μ V means the emission is 6dB μ V below the maximum limit for Part 15. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Corr. Ampl.} - \text{Limit of Part 15 (RSS-310 Issue 3)}$$

4.6 Environmental Conditions

Temperature:	25° C
Relative Humidity:	52%
ATM Pressure:	1012 mbar

4.7 Summary of Test Results/Plots

According to the data below, the standards of Part 15.227, 15.209 & 15.205 of the FCC Rules and RSS-310 Issue 3 of the Industry Canada, and had the worst margin of:

**-9.53 dB μ V at 108.2667 MHz in the Vertical polarization, Transmitting mode (Channel A),
9 kHz to 1 GHz, 3 Meters**

Note: This EUT was tested in 3 orthogonal positions and the worst case position data was reported.

Test Mode: Transmitting (Channel A) below 30 MHz tested by using Loop Antenna

Frequency (MHz)	Reading (dB μ V/m)	Correct dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Polar H/V	Detector
27.145	27.27	8.30	35.57	100	-64.43	H	Peak
27.145	3.83	8.30	12.13	80	-67.87	H	Average
27.145	48.81	8.30	57.11	100	-42.89	V	Peak
27.145	25.07	8.30	33.37	80	-46.63	V	Average

Test Mode: Transmitting (Channel B) below 30 MHz tested by using Loop Antenna

Frequency (MHz)	Reading (dB μ V/m)	Correct dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Polar H/V	Detector
27.145	28.35	8.30	36.65	100	-63.35	H	Peak
27.145	4.63	8.30	12.93	80	-67.07	H	Average
27.145	49.18	8.30	57.48	100	-42.52	V	Peak
27.145	25.20	8.30	33.50	80	-46.50	V	Average

Test Mode: Transmitting (Channel C) below 30 MHz tested by using Loop Antenna

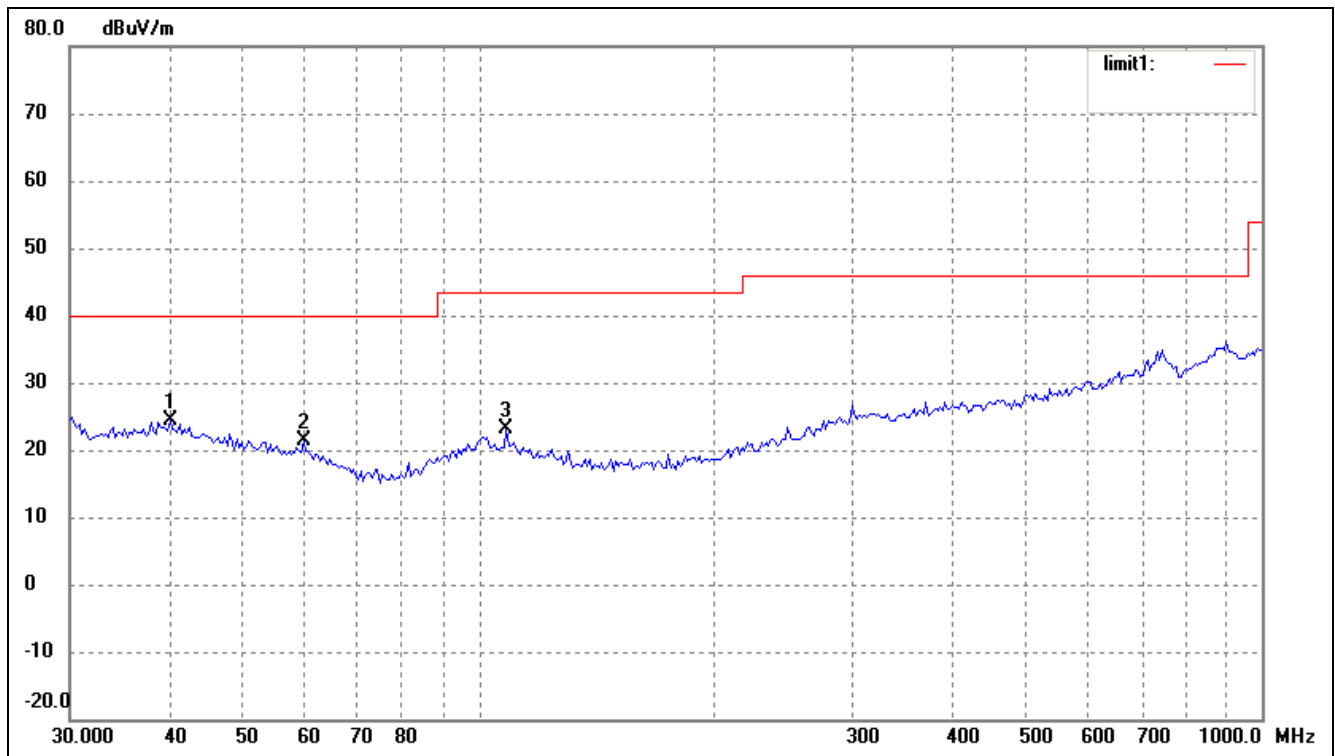
Frequency (MHz)	Reading (dB μ V/m)	Correct dB/m	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Polar H/V	Detector
27.145	27.13	8.30	35.43	100	-64.57	H	Peak
27.145	3.87	8.30	12.17	80	-67.83	H	Average
27.145	48.48	8.30	56.78	100	-43.22	V	Peak
27.145	25.25	8.30	33.55	80	-46.45	V	Average

Test Mode: Transmitting (Channel D) below 30 MHz tested by using Loop Antenna

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
27.145	27.05	8.30	35.35	100	-64.65	H	Peak
27.145	3.73	8.30	12.03	80	-67.97	H	Average
27.145	49.06	8.30	57.36	100	-42.64	V	Peak
27.145	24.90	8.30	33.20	80	-46.80	V	Average

Test Mode: Transmitting (Channel A) from 30 MHz to 1 GHz tested by using Trilog Broadband Antenna

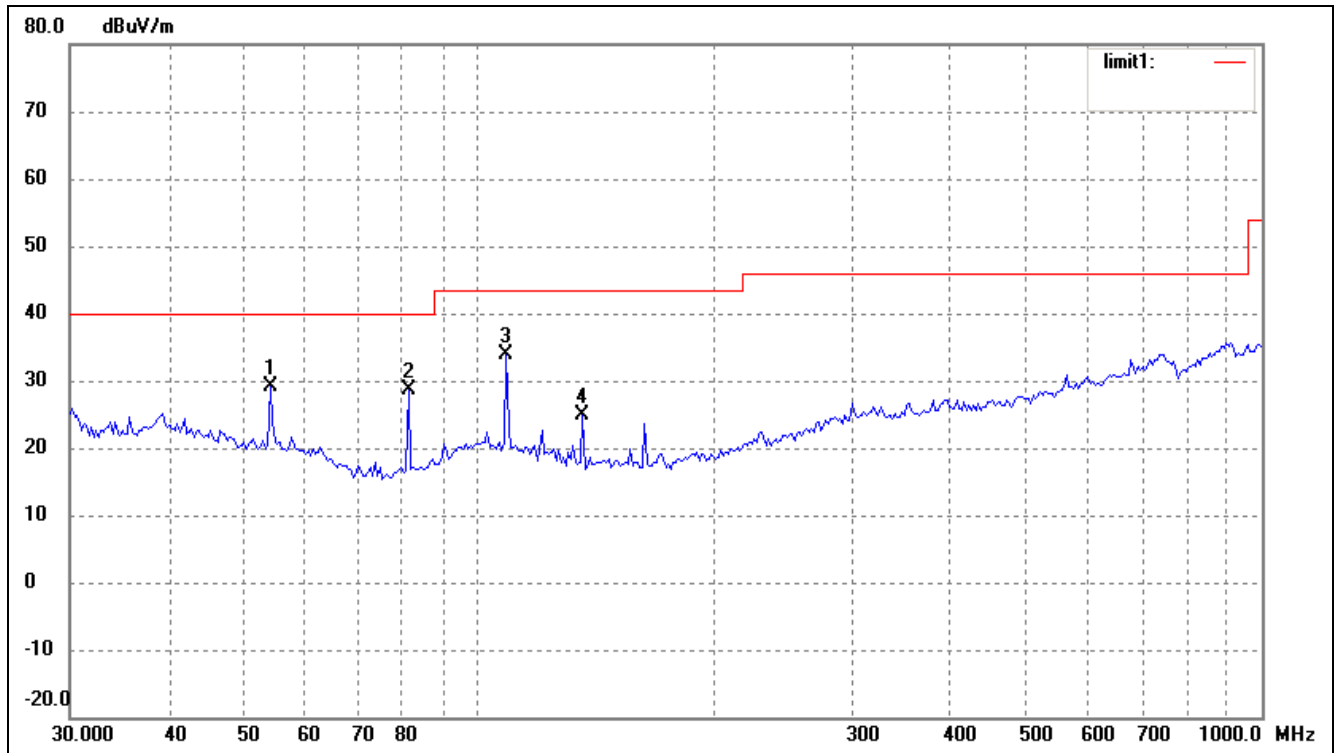
Horizontal:



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	40.2757	14.66	9.60	24.26	40.00	-15.74	214	100	Peak
2	59.6493	15.68	5.72	21.40	40.00	-18.60	36	100	Peak
3	108.2667	17.23	6.02	23.25	43.50	-20.25	14	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Vertical:

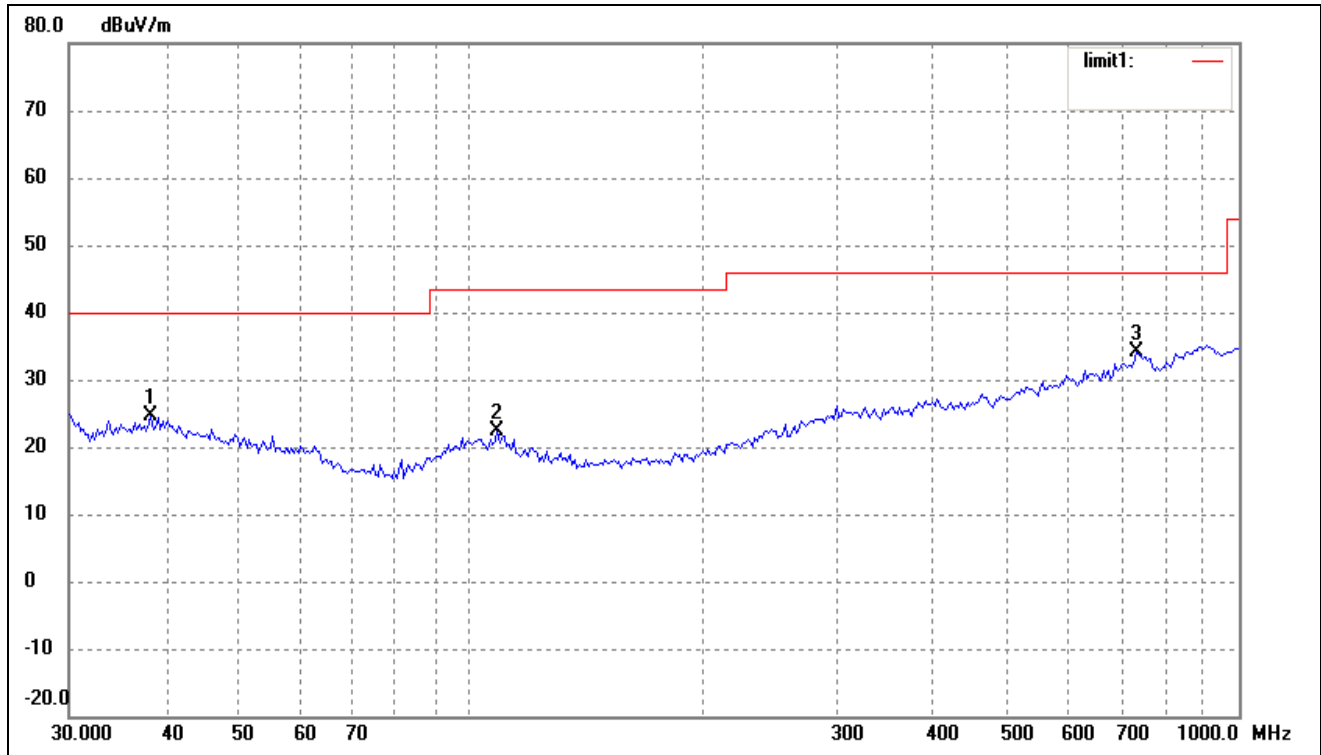


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	54.0711	22.83	6.24	29.07	40.00	-10.93	147	100	Peak
2	81.2117	26.57	2.02	28.59	40.00	-11.41	34	100	Peak
3	108.2667	27.95	6.02	33.97	43.50	-9.53	125	100	Peak
4	135.5062	21.05	3.72	24.77	43.50	-18.73	360	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Test Mode: Transmitting (Channel B) from 30 MHz to 1 GHz tested by using Trilog Broadband Antenna

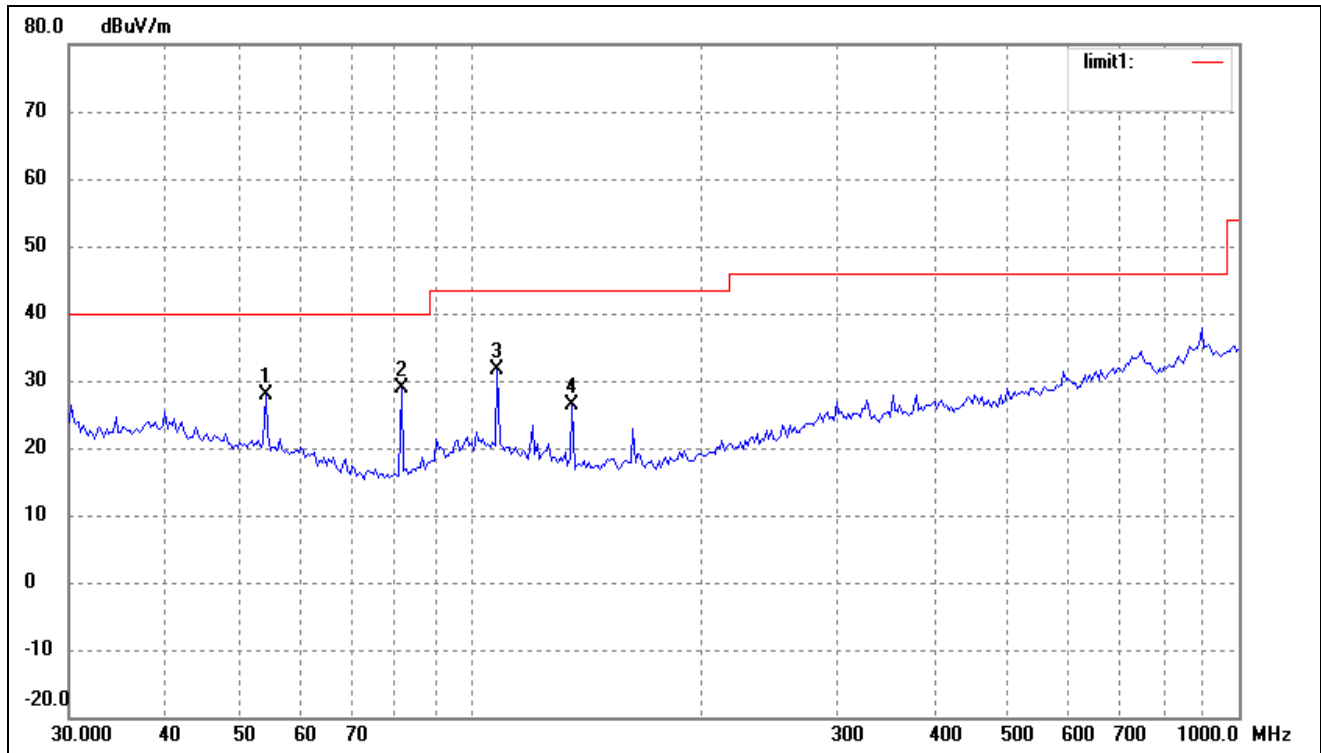
Horizontal:



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	38.3462	15.16	9.42	24.58	40.00	-15.42	255	100	Peak
2	108.2667	16.27	6.02	22.29	43.50	-21.21	34	100	Peak
3	734.4913	16.45	17.68	34.13	46.00	-11.87	176	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Vertical:

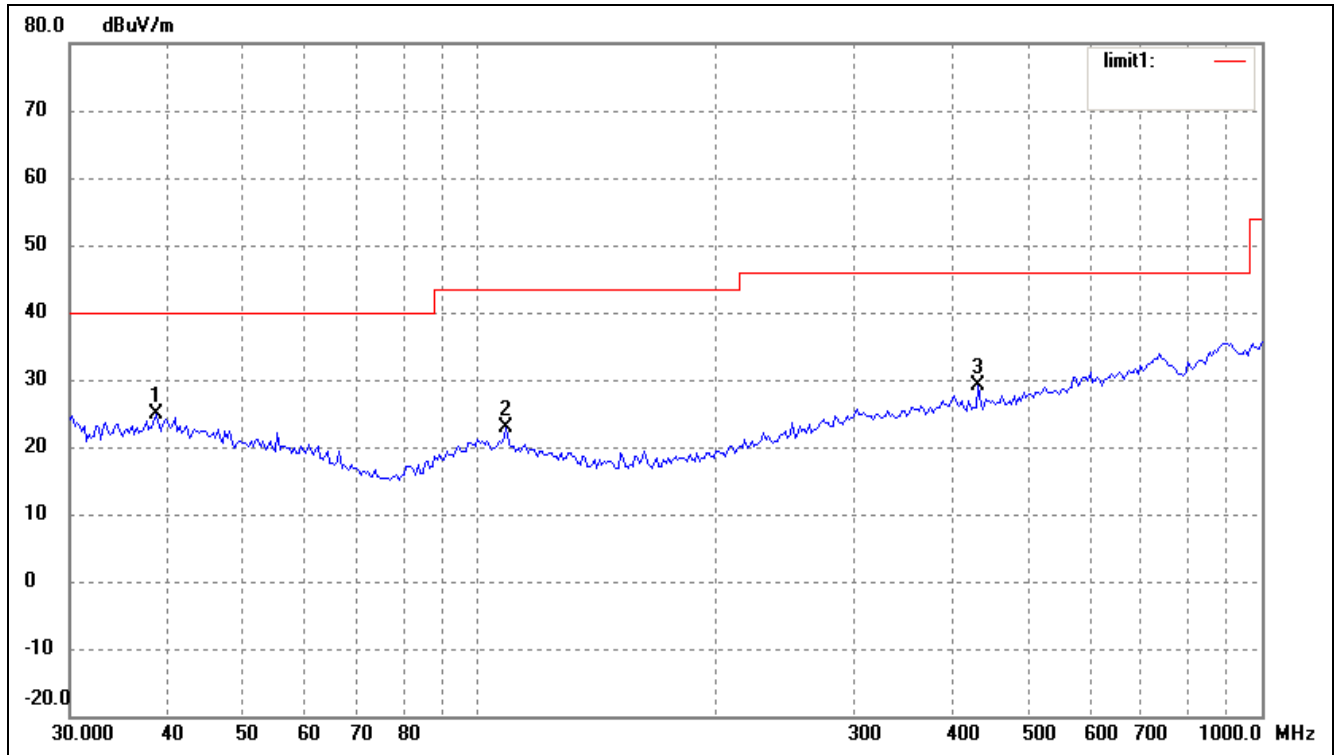


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	54.0711	21.66	6.24	27.90	40.00	-12.10	147	100	Peak
2	81.2117	26.82	2.02	28.84	40.00	-11.16	57	100	Peak
3	108.2667	25.70	6.02	31.72	43.50	-11.78	261	100	Peak
4	135.5062	22.55	3.72	26.27	43.50	-17.23	36	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Test Mode: Transmitting (Channel C) from 30 MHz to 1 GHz tested by using Trilog Broadband Antenna

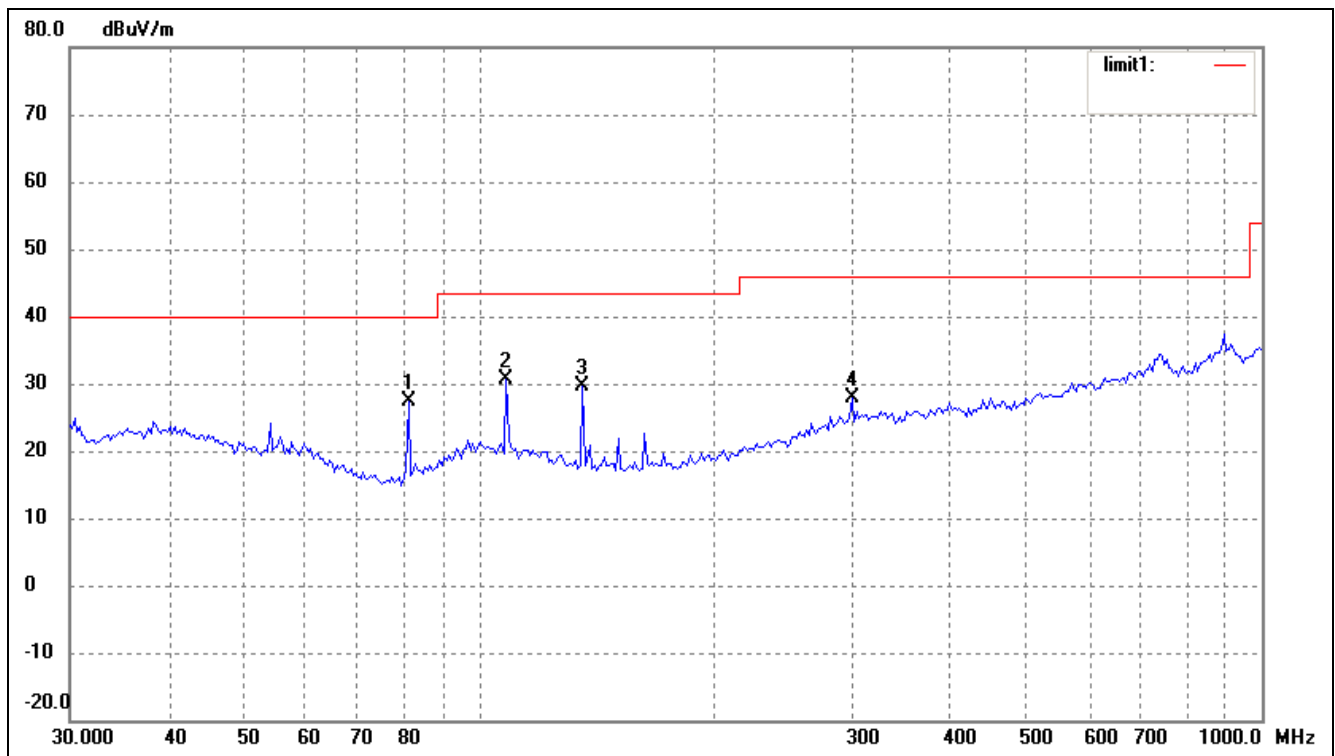
Horizontal:



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	38.6161	15.50	9.46	24.96	40.00	-15.04	271	100	Peak
2	108.2667	16.93	6.02	22.95	43.50	-20.55	67	100	Peak
3	434.0651	18.00	11.10	29.10	46.00	-16.90	52	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Vertical:

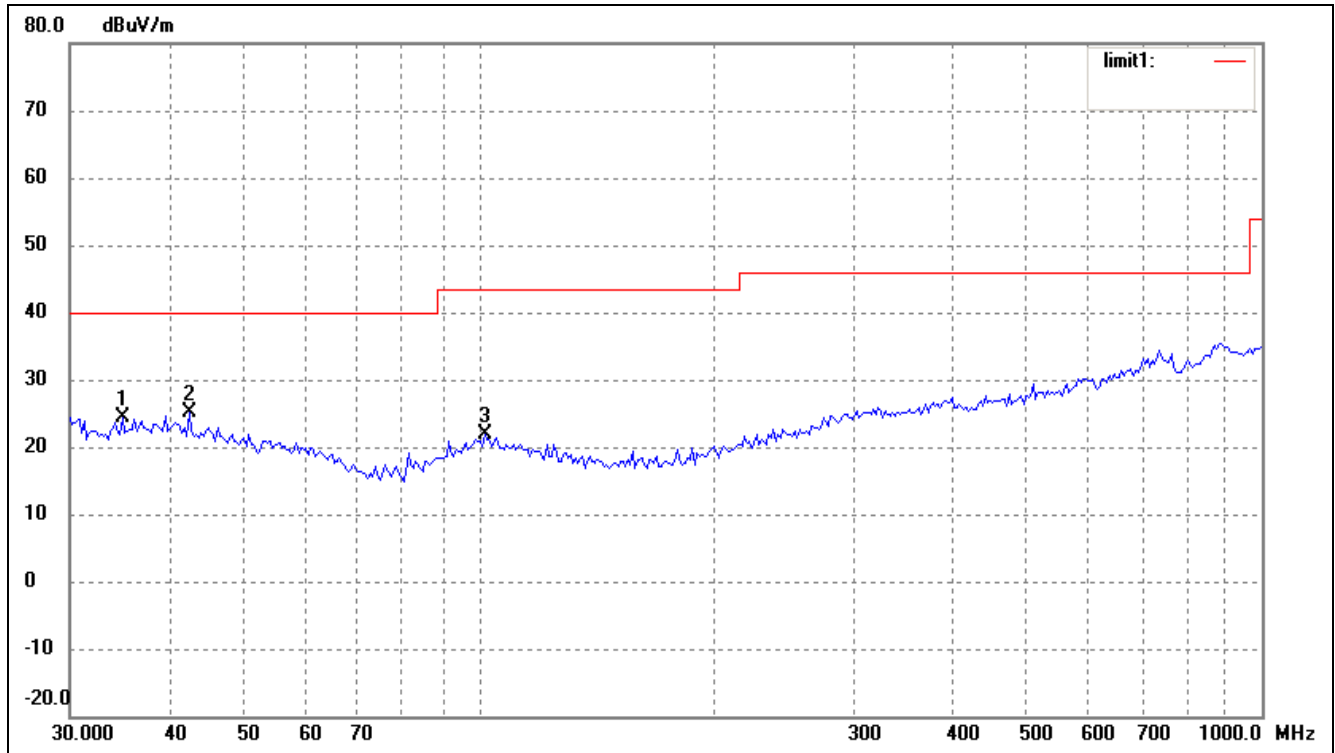


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	81.2117	25.47	2.02	27.49	40.00	-12.51	126	100	Peak
2	108.2667	24.69	6.02	30.71	43.50	-12.79	32	100	Peak
3	135.5062	25.81	3.72	29.53	43.50	-13.97	148	100	Peak
4	299.3158	17.67	10.15	27.82	46.00	-18.18	24	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Test Mode: Transmitting (Channel D) from 30 MHz to 1 GHz tested by using Trilog Broadband Antenna

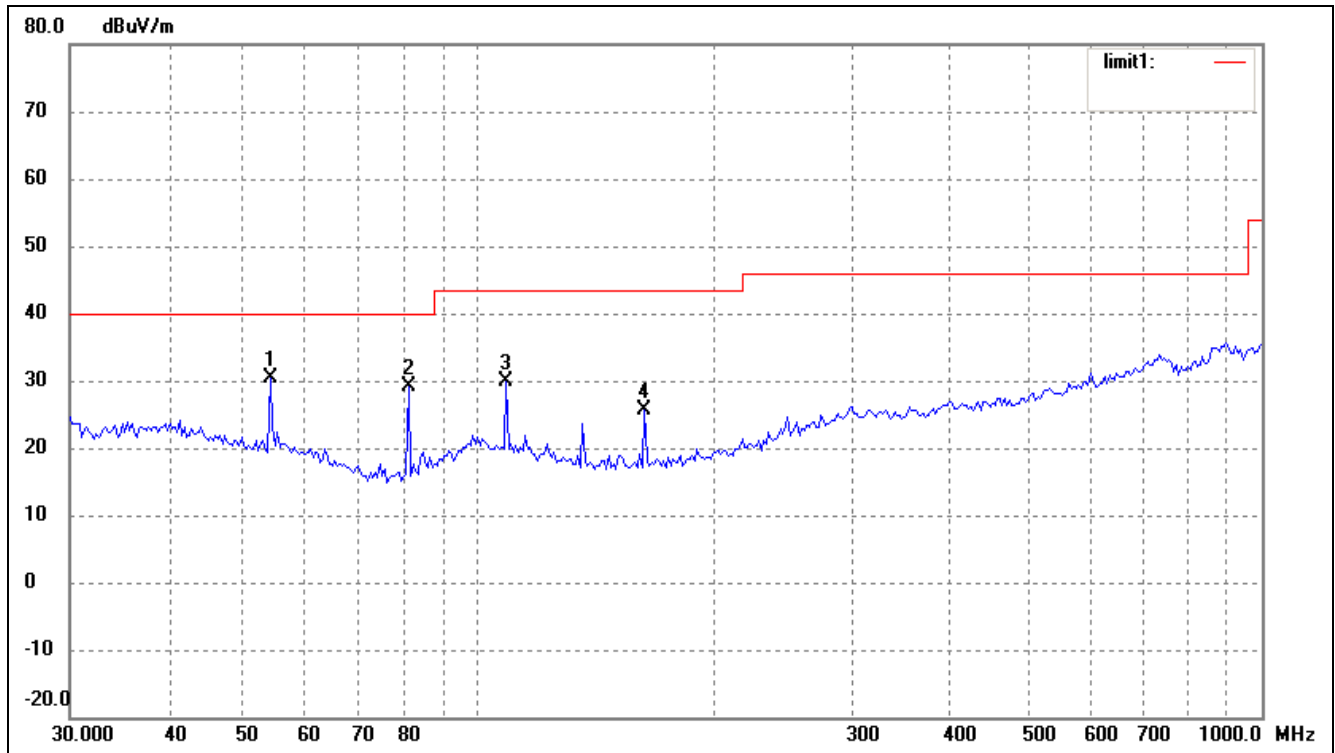
Horizontal:



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	35.0048	15.44	8.88	24.32	40.00	-15.68	165	100	Peak
2	42.6000	16.16	8.88	25.04	40.00	-14.96	15	100	Peak
3	101.6443	15.13	6.67	21.80	43.50	-21.70	44	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Vertical:



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	54.0711	24.18	6.24	30.42	40.00	-9.58	156	100	Peak
2	81.2117	27.17	2.02	29.19	40.00	-10.81	97	100	Peak
3	108.2667	23.77	6.02	29.79	43.50	-13.71	157	100	Peak
4	162.6106	21.91	3.66	25.57	43.50	-17.93	32	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

5. Part 15.227(b) & RSS-310 Issue 3 §2.4 - OUT OF BAND EMISSIONS

5.1 Standard Applicable

According to Part 15.227(b) of the FCC Rules and RSS-310 Issue 3 §2.4 of the Industry Canada, the field strength of any emissions which appear outside of 26.96MHz to 27.28MHz shall not exceed the general radiated emission limits under Part 15.209 and RSS-310 Issue 3 §3.8.

5.2 Test Equipment List and Details

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
Spectrum Analyzer	R&S	FSP	836079/035	2013-05-07	2014-05-06
EMI Test Receiver	R&S	ESVB	825471/005	2013-05-07	2014-05-06
Positioning Controller	C&C	CC-C-1F	N/A	2013-05-07	2014-05-06
RF Switch	EM	EMSW18	SW060023	2013-05-07	2014-05-06
Pre-amplifier	Agilent	8447F	3113A06717	2013-05-07	2014-05-06
Pre-amplifier	Compliance Direction	PAP-0118	24002	2013-05-07	2014-05-06
Trilog Broadband Antenna	SCHWARZBECK	VULB9163	9163-333	2013-04-20	2014-04-19
Horn Antenna	ETS	3117	00086197	2013-04-20	2014-04-19
Loop Antenna	SCHWARZECK	HFRA 5165	9365	2013-04-20	2014-04-19

Statement of Traceability: All calibrations have been performed per the NVLAP requirements traceable to the NIST.

5.3 Test Procedure

As the radiation test, set the RBW=10kHz VBW=30kHz, observed the outside band of 26.96MHz to 27.28MHz, than mark the higher-level emission for comparing with the FCC Rules.

5.4 Environmental Conditions

Temperature:	26° C
Relative Humidity:	52%
ATM Pressure:	1022 mbar

5.5 Summary of Test Results/Plots

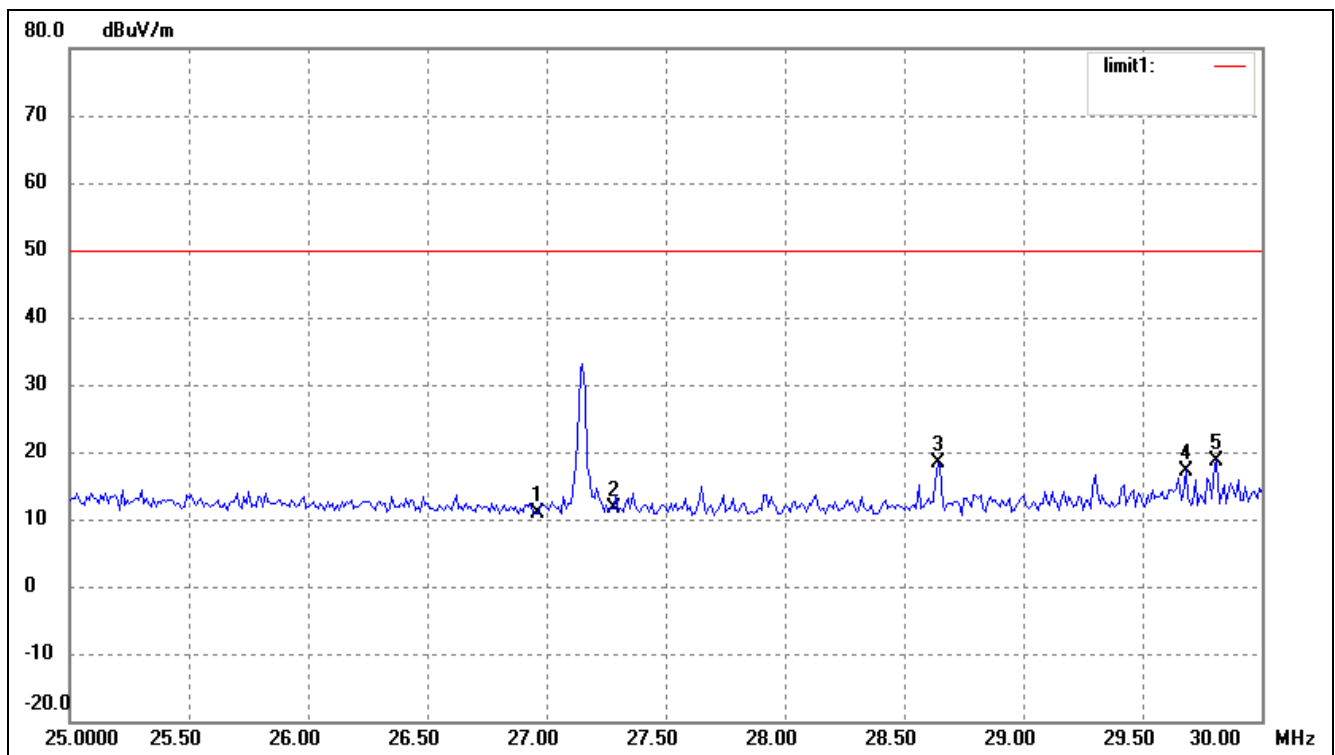
Frequency MHz	Emission dB μ V/m	Limit dB μ V/m
26.9600	18.74	50
27.2800	20.77	50

Test Result: Passed

Refer to the attached plots.

Test Mode: Transmitting (Channel A)

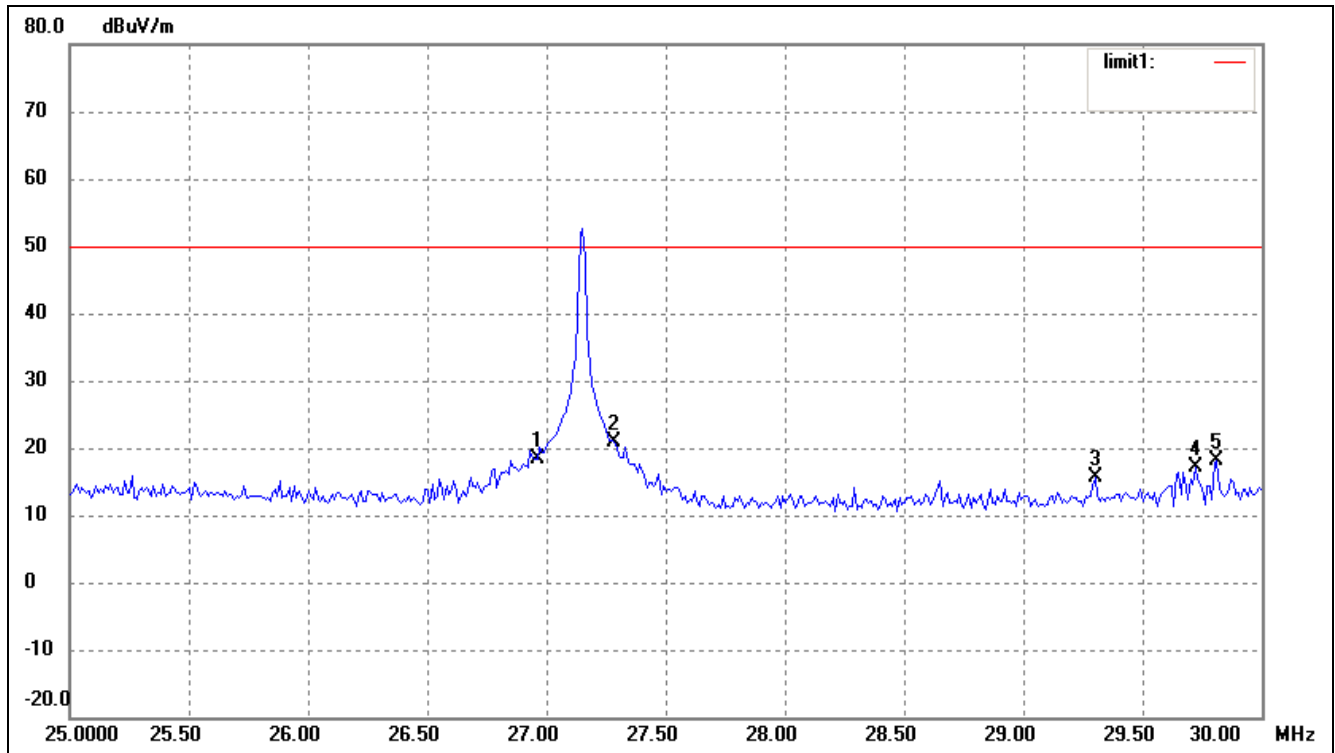
Horizontal:



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	26.9600	2.49	8.34	10.83	50.00	-39.17	255	100	Peak
2	27.2800	3.43	8.28	11.71	50.00	-38.29	34	100	Peak
3	28.6400	10.11	8.15	18.26	50.00	-31.74	187	100	Peak
4	29.6800	9.18	8.07	17.25	50.00	-32.75	12	100	Peak
5	29.8100	10.67	8.06	18.73	50.00	-31.27	264	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Vertical:

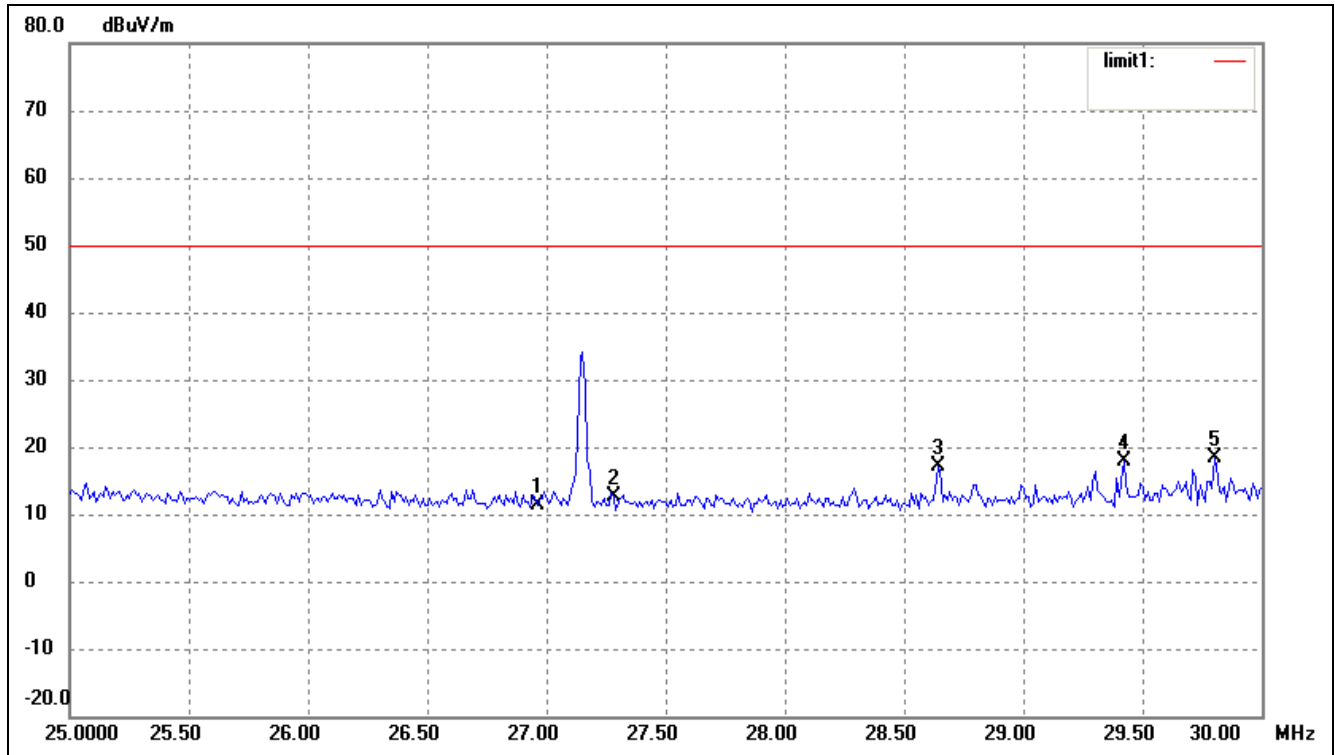


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	26.9600	9.97	8.34	18.31	50.00	-31.69	215	100	Peak
2	27.2800	12.49	8.28	20.77	50.00	-29.23	44	100	Peak
3	29.3000	7.40	8.11	15.51	50.00	-34.49	35	100	Peak
4	29.7200	9.15	8.07	17.22	50.00	-32.78	171	100	Peak
5	29.8100	9.97	8.06	18.03	50.00	-31.97	35	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Test Mode: Transmitting (Channel B)

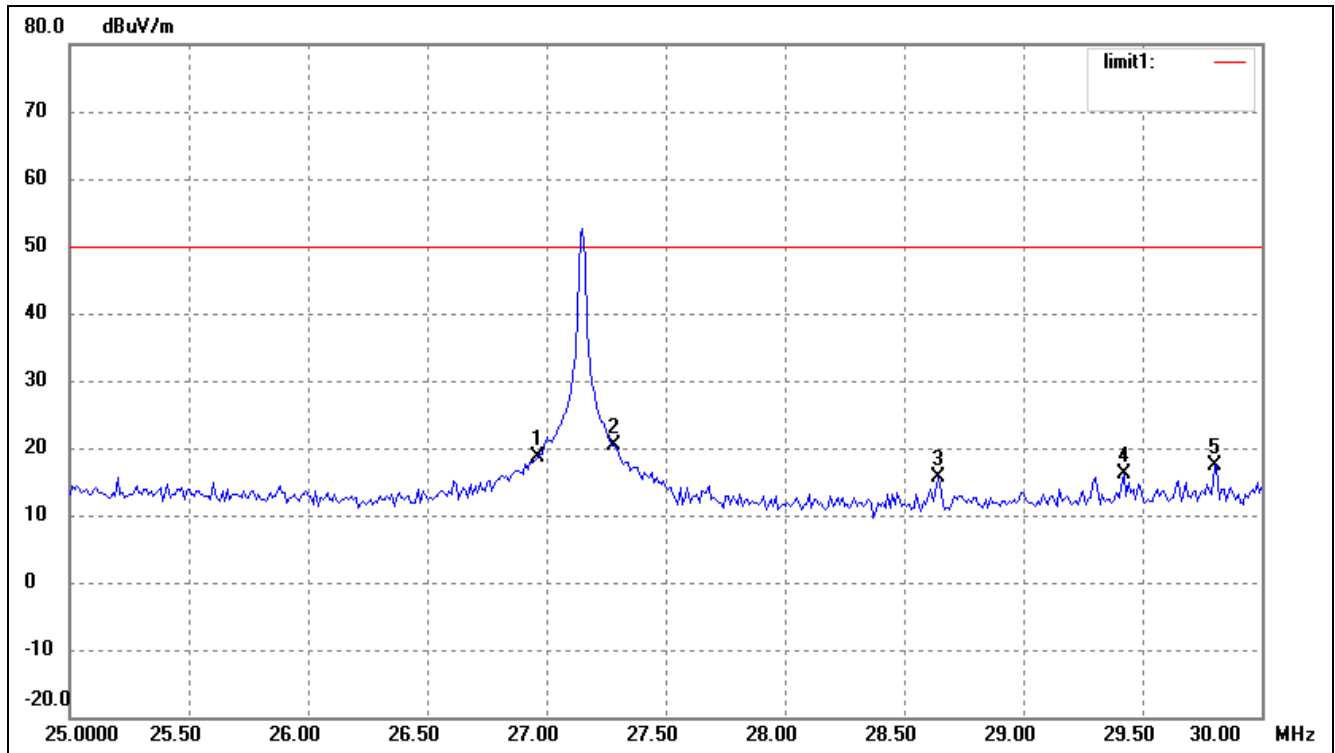
Horizontal:



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	26.9600	3.13	8.34	11.47	50.00	-38.53	214	100	Peak
2	27.2800	4.27	8.28	12.55	50.00	-37.45	67	100	Peak
3	28.6400	9.06	8.15	17.21	50.00	-32.79	36	100	Peak
4	29.4200	9.66	8.10	17.76	50.00	-32.24	14	100	Peak
5	29.8000	10.27	8.06	18.33	50.00	-31.67	52	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Vertical:

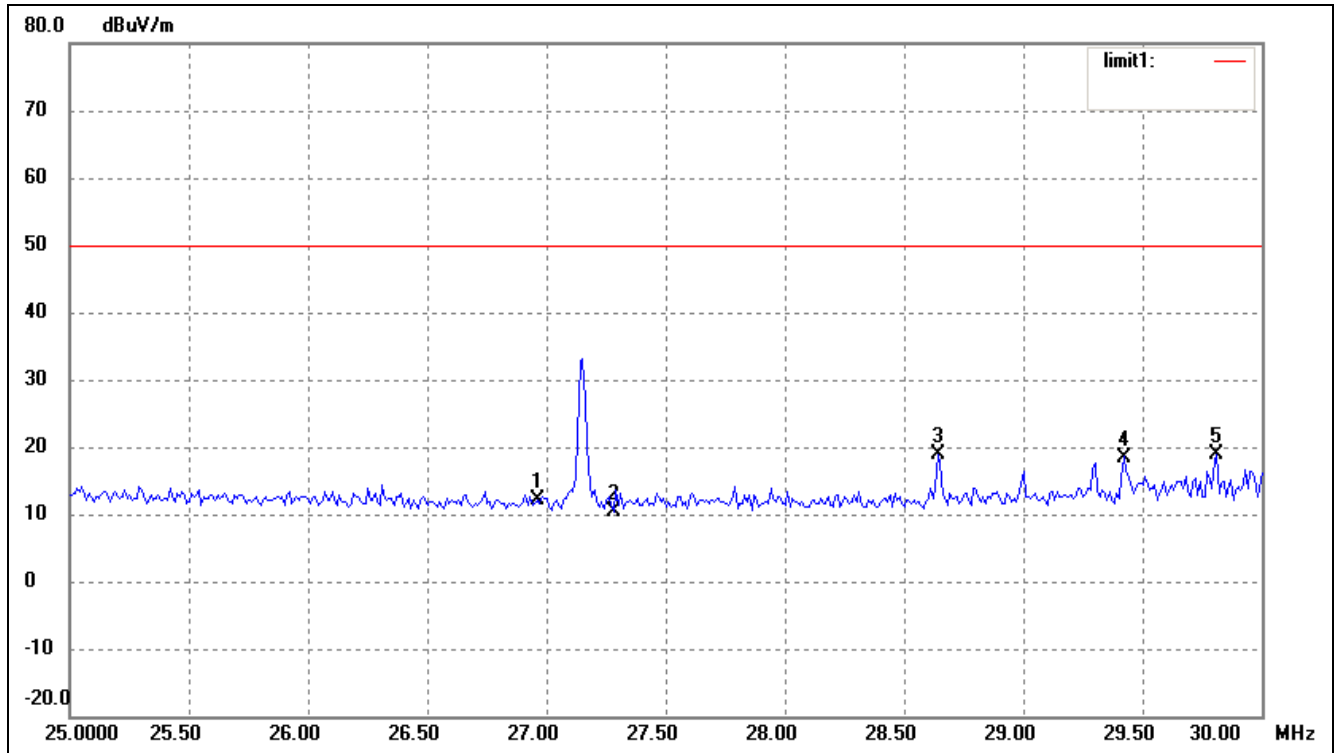


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	26.9600	10.27	8.34	18.61	50.00	-31.39	354	100	Peak
2	27.2800	12.11	8.28	20.39	50.00	-29.61	135	100	Peak
3	28.6400	7.40	8.15	15.55	50.00	-34.45	75	100	Peak
4	29.4200	8.11	8.10	16.21	50.00	-33.79	216	100	Peak
5	29.8000	9.30	8.06	17.36	50.00	-32.64	21	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Test Mode: Transmitting (Channel C)

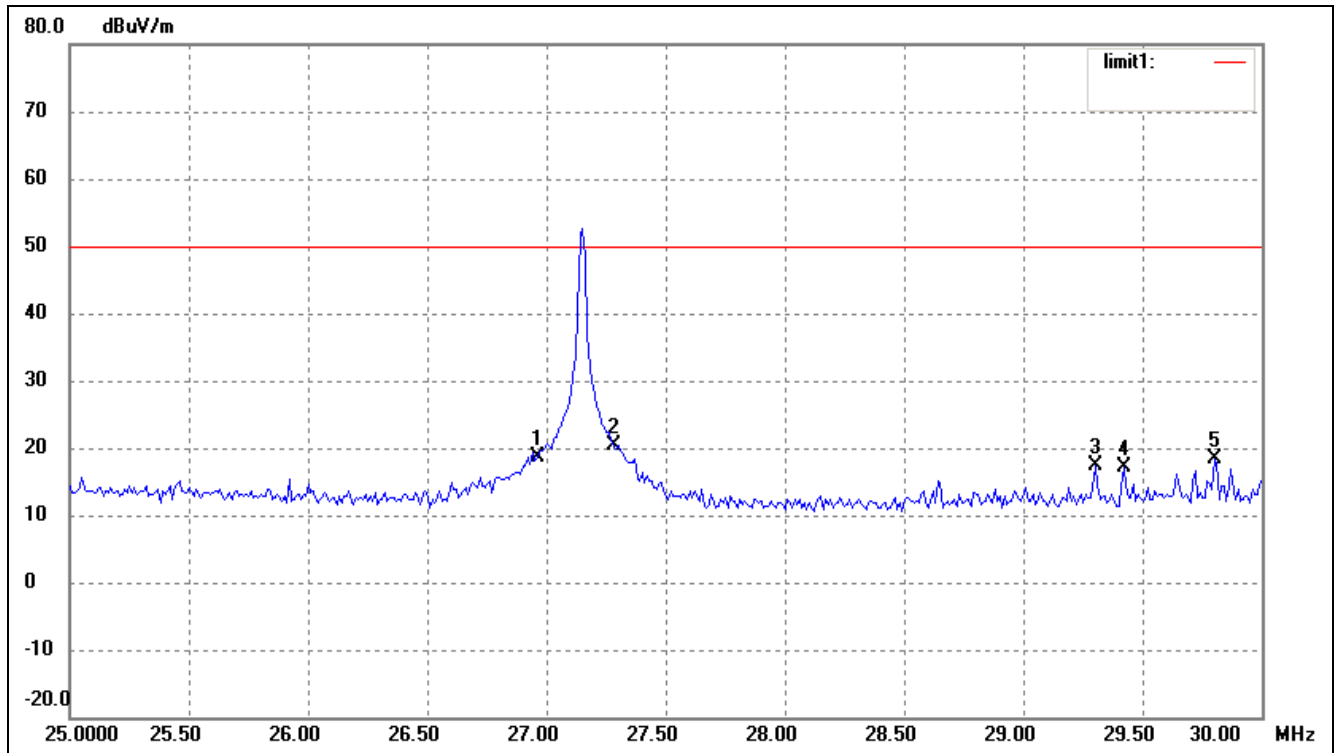
Horizontal:



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	26.9600	3.73	8.34	12.07	50.00	-37.93	234	100	Peak
2	27.2800	2.02	8.28	10.30	50.00	-39.70	25	100	Peak
3	28.6400	10.61	8.15	18.76	50.00	-31.24	172	100	Peak
4	29.4200	10.40	8.10	18.50	50.00	-31.50	168	100	Peak
5	29.8100	10.74	8.06	18.80	50.00	-31.20	226	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Vertical:

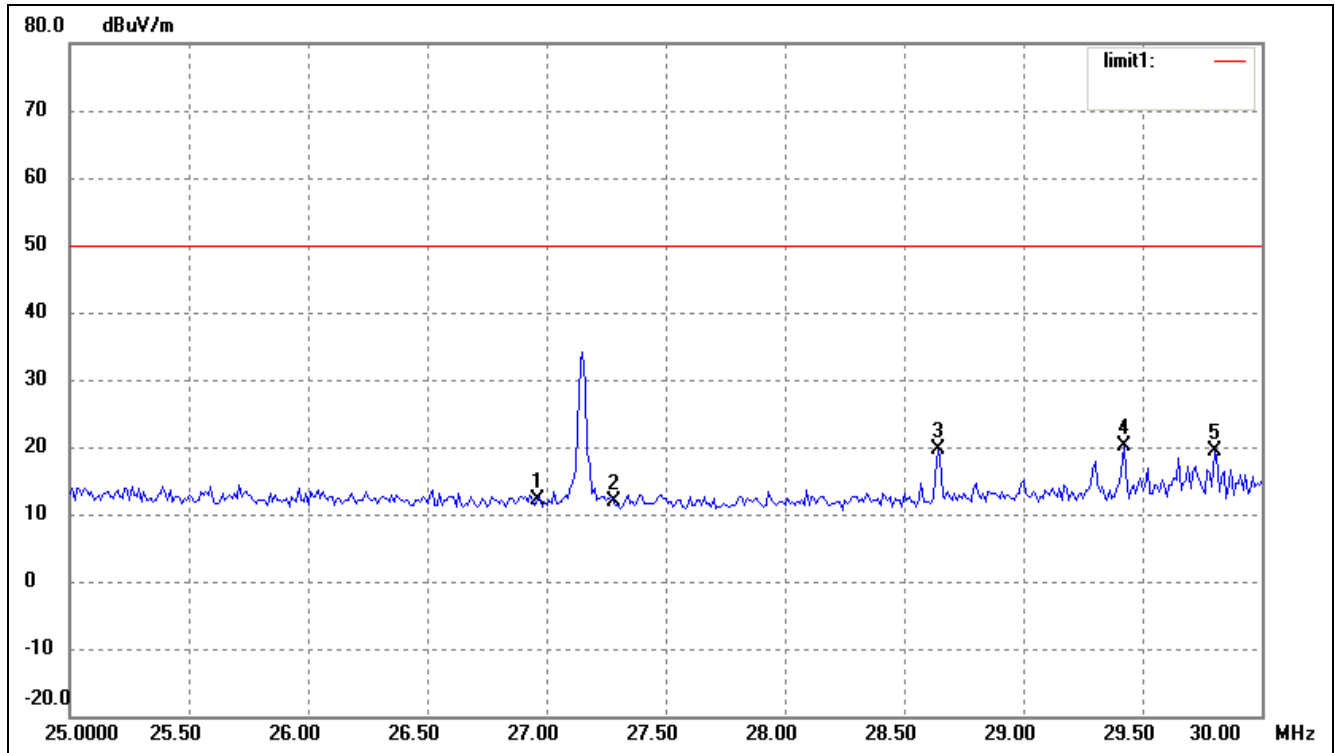


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	26.9600	10.38	8.34	18.72	50.00	-31.28	360	100	Peak
2	27.2800	12.02	8.28	20.30	50.00	-29.70	247	100	Peak
3	29.3000	9.25	8.11	17.36	50.00	-32.64	254	100	Peak
4	29.4200	9.03	8.10	17.13	50.00	-32.87	341	100	Peak
5	29.8000	10.24	8.06	18.30	50.00	-31.70	125	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Test Mode: Transmitting (Channel D)

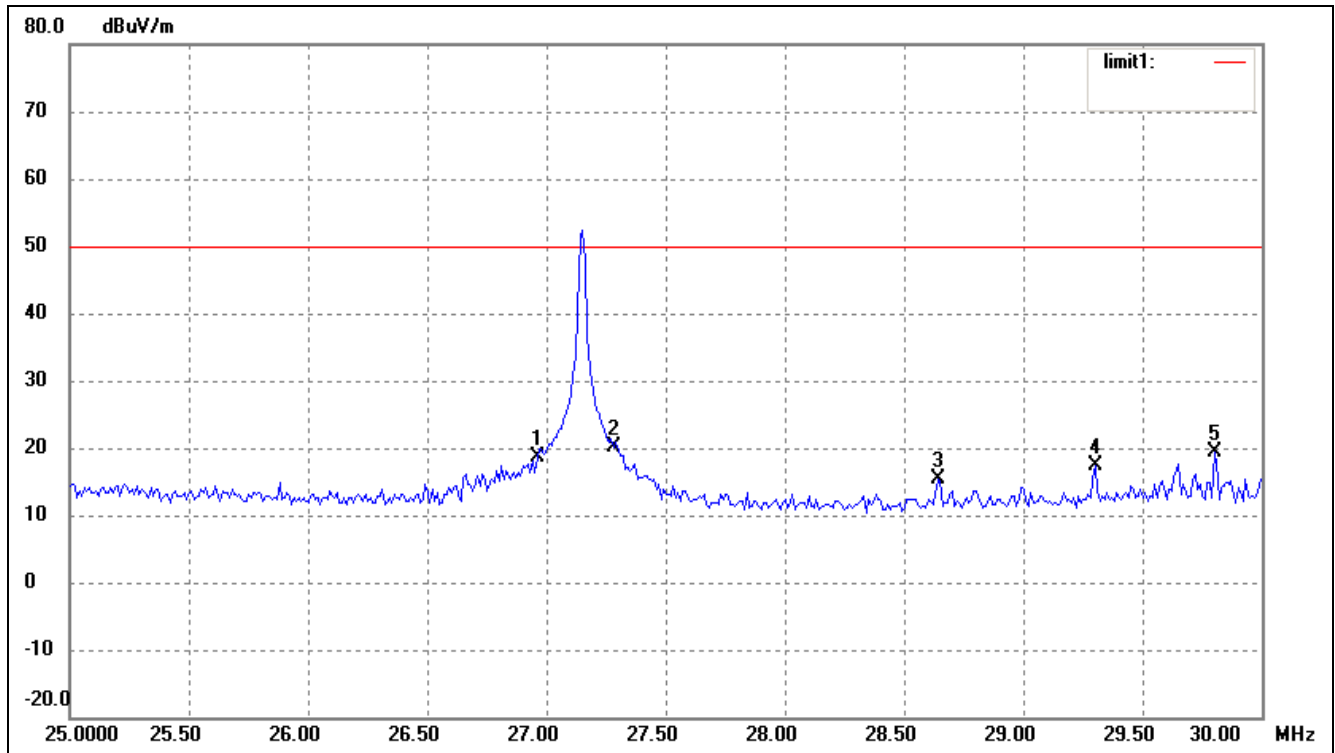
Horizontal:



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	26.9600	3.67	8.34	12.01	50.00	-37.99	315	100	Peak
2	27.2800	3.67	8.28	11.95	50.00	-38.05	41	100	Peak
3	28.6400	11.52	8.15	19.67	50.00	-30.33	245	100	Peak
4	29.4200	12.02	8.10	20.12	50.00	-29.88	254	100	Peak
5	29.8000	11.33	8.06	19.39	50.00	-30.61	124	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

Vertical:



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	26.9600	10.40	8.34	18.74	50.00	-31.26	214	100	Peak
2	27.2800	11.78	8.28	20.06	50.00	-29.94	27	100	Peak
3	28.6400	7.32	8.15	15.47	50.00	-34.53	26	100	Peak
4	29.3000	9.18	8.11	17.29	50.00	-32.71	261	100	Peak
5	29.8000	11.33	8.06	19.39	50.00	-30.61	52	100	Peak

Note: Emissions attenuated more than 20 dB below the permissible value are not reported.

***** END OF REPORT *****