

# FCC Part 15C Measurement and Test Report

For

**Kool Brands, LLC.**

**P.O. Box 41270, Reno, NV 89504**

**FCC ID: 2ARPVRB-SGA-036**

<b>FCC Rule(s):</b>	<u>FCC Part 15.249</u>	
<b>Product Description:</b>	<u>SEGA Genesis 8-button Arcade Pad - Wireless 2.4ghz - Clear Blue/Black/Shadow</u>	
<b>Tested Model:</b>	<u>RB-SGA-036</u>	
<b>Report No.:</b>	<u>WTX19X09065135W-1</u>	
<b>Sample Receipt Date:</b>	<u>2019-09-19</u>	
<b>Tested Date:</b>	<u>2019-09-19 to 2019-10-10</u>	
<b>Issued Date:</b>	<u>2019-10-11</u>	
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Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen SEM Test Technology Co., Ltd.

**TABLE OF CONTENTS**

<b>1. GENERAL INFORMATION.....</b>	<b>4</b>
1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT).....	4
1.2 TEST STANDARDS.....	5
1.3 TEST METHODOLOGY.....	5
1.4 TEST FACILITY.....	5
1.5 EUT SETUP AND TEST MODE.....	6
1.6 MEASUREMENT UNCERTAINTY.....	7
1.7 TEST EQUIPMENT LIST AND DETAILS.....	8
<b>2. SUMMARY OF TEST RESULTS.....</b>	<b>10</b>
<b>3. ANTENNA REQUIREMENTS.....</b>	<b>11</b>
3.1 STANDARD APPLICABLE.....	11
3.2 TEST RESULT.....	11
<b>4. RADIATED EMISSIONS.....</b>	<b>12</b>
4.1 STANDARD APPLICABLE.....	12
4.2 TEST PROCEDURE.....	12
4.3 CORRECTED AMPLITUDE & MARGIN CALCULATION.....	14
4.4 SUMMARY OF TEST RESULTS/PLOTS.....	14
<b>5. OUT OF BAND EMISSIONS.....</b>	<b>22</b>
5.1 STANDARD APPLICABLE.....	22
5.2 TEST PROCEDURE.....	22
5.3 SUMMARY OF TEST RESULTS/PLOTS.....	22
<b>6. EMISSION BANDWIDTH.....</b>	<b>25</b>
6.1 STANDARD APPLICABLE.....	25
6.2 TEST PROCEDURE.....	25
6.3 SUMMARY OF TEST RESULTS/PLOTS.....	25
<b>7. CONDUCTED EMISSIONS.....</b>	<b>27</b>
7.1 TEST PROCEDURE.....	27
7.2 BASIC TEST SETUP BLOCK DIAGRAM.....	27
7.3 TEST RECEIVER SETUP.....	27
7.4 SUMMARY OF TEST RESULTS/PLOTS.....	27

## Report version

Version No.	Date of issue	Description
Rev.00	2019-10-11	Original
/	/	/

## 1. GENERAL INFORMATION

### 1.1 Product Description for Equipment Under Test (EUT)

#### Client Information

Applicant: Kool Brands, LLC.  
Address of applicant: P.O. Box 41270, Reno, NV 89504

Manufacturer: Innex, Inc  
Address of manufacturer: 2/F, Bld#10, TongFuYu Industrial park, Lezhujiao, Xixiang, B an'an, Shenzhen, China

General Description of EUT	
Product Name:	SEGA Genesis 8-button Arcade Pad - Wireless 2.4ghz - Clear Blue/Black/Shadow
Trade Name:	Retro-Bit
Model No.:	RB-SGA-036
Adding Model(s):	RB-SGA-037, RB-SGA-040, RET00162, RET00163
Rated Voltage:	Battery:DC3.7V
Battery Capacity	500mAh
Power Adapter Model:	/
<i>Note: The test data is gathered from a production sample, provided by the manufacturer. The appearance of others models listed in the report is different from main-test model RB-SGA-036, but the circuit and the electronic construction do not change, declared by the manufacturer.</i>	

Technical Characteristics of EUT	
Frequency Range:	2405MHz-2479MHz
Max. Field Strength:	94.31dBuV/m
Modulation:	GFSK
Antenna Type:	PCB Antenna
Antenna Gain:	0dBi

## 1.2 Test Standards

The tests were performed according to following standards:

**FCC Rules Part 15.249**: Operation within the bands 902-928 MHz, 2400-2483.5 MHz, 5725-5875 MHz, and 24.0-24.25 GHz.

**ANSI C63.10-2013**: American National Standard for Testing Unlicensed Wireless Devices.

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

## 1.3 Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, 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.

## 1.4 Test Facility

### Address of the test laboratory

Laboratory: Shenzhen SEM Test Technology Co., Ltd.

Address: 1/F, Building A, Hongwei Industrial Park, Liuxian 2nd Road, Bao'an District, Shenzhen, P.R.C. (518101)

### FCC – Registration No.: 125990

Shenzhen SEM Test Technology Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. The Designation Number is CN5010, and Test Firm Registration Number is 125990.

### Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Shenzhen SEM Test Technology Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A.

## 1.5 EUT Setup and Test Mode

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. All testing shall be performed under maximum output power condition, and to measure its highest possible emissions level, more detailed description as follows:

Test Mode List		
Test Mode	Description	Remark
TM1	Low Channel	2405MHz
TM2	Middle Channel	2442MHz
TM3	High Channel	2479MHz

Test Conditions	
Temperature:	22~25 °C
Relative Humidity:	50~55 %.
ATM Pressure:	1019 mbar

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Special Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
Adapter	/	/	/
Monitor	/	SEMT-004	/
USB Cable	/	/	/
A/U OUT Cable	/	/	/
Game Machine	SEGA GENESIS	1601	020753178

## 1.6 Measurement Uncertainty

Measurement uncertainty		
Parameter	Conditions	Uncertainty
RF Output Power	Conducted	$\pm 0.42\text{dB}$
Occupied Bandwidth	Conducted	$\pm 1.5\%$
Conducted Spurious Emission	Conducted	$\pm 2.17\text{dB}$
Conducted Emissions	Conducted	9-150kHz $\pm 3.74\text{dB}$
		0.15-30MHz $\pm 3.34\text{dB}$
Transmitter Spurious Emissions	Radiated	30-200MHz $\pm 4.52\text{dB}$
		0.2-1GHz $\pm 5.56\text{dB}$
		1-6GHz $\pm 3.84\text{dB}$
		6-18GHz $\pm 3.92\text{dB}$

## 1.7 Test Equipment List and Details

No.	Description	Manufacturer	Model	Serial No.	Cal Date	Due Date
SEMT-1072	Spectrum Analyzer	Agilent	E4407B	MY41440400	2019-04-30	2020-04-29
SEMT-1031	Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/035	2019-04-30	2020-04-29
SEMT-1007	EMI Test Receiver	Rohde & Schwarz	ESVB	825471/005	2019-04-30	2020-04-29
SEMT-1008	Amplifier	Agilent	8447F	3113A06717	2019-04-30	2020-04-29
SEMT-1043	Amplifier	C&D	PAP-1G18	2002	2019-04-30	2020-04-29
SEMT-1011	Broadband Antenna	Schwarz beck	VULB9163	9163-333	2019-05-05	2021-05-04
SEMT-1042	Horn Antenna	ETS	3117	00086197	2019-05-05	2021-05-04
SEMT-1121	Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170582	2019-05-05	2021-05-04
SEMT-1069	Loop Antenna	Schwarz beck	FMZB 1516	9773	2019-05-05	2021-05-04
SEMT-1001	EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2019-04-30	2020-04-29
SEMT-1003	L.I.S.N	Schwarz beck	NSLK8126	8126-224	2019-04-30	2020-04-29
SEMT-1002	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2019-04-30	2020-04-29
SEMT-1168	Pre-amplifier	Direction Systems Inc.	PAP-0126	14141-12838	2019-04-30	2020-04-29
SEMT-1169	Pre-amplifier	Direction Systems Inc.	PAP-2640	14145-14153	2019-04-30	2020-04-29
SEMT-1163	Spectrum Analyzer	Rohde & Schwarz	FSP40	100612	2019-04-30	2020-04-29
SEMT-1170	DRG Horn Antenna	A.H. SYSTEMS	SAS-574	571	2019-05-05	2021-05-04
SEMT-1166	Power Limiter	Agilent	N9356B	MY45450376	2019-04-30	2020-04-29
SEMT-1048	RF Limiter	ATTEN	AT-BSF-2400~2500	/	2019-04-30	2020-04-29
SEMT-1076	RF Switcher	Top Precision	RCS03-A2	/	2019-04-30	2020-04-29
SEMT-C001	Cable	Zheng DI	LL142-07-07-10M(A)	/	2019-03-18	2020-03-17
SEMT-C002	Cable	Zheng DI	ZT40-2.92J-2.92J-6M	/	2019-03-18	2020-03-17
SEMT-C003	Cable	Zheng DI	ZT40-2.92J-2.92J-2.5M	/	2019-03-18	2020-03-17
SEMT-C004	Cable	Zheng DI	2M0RFC	/	2019-03-18	2020-03-17
SEMT-C005	Cable	Zheng DI	1M0RFC	/	2019-03-18	2020-03-17
SEMT-C006	Cable	Zheng DI	1M0RFC	/	2019-03-18	2020-03-17



<b>Software List</b>			
<b>Description</b>	<b>Manufacturer</b>	<b>Model</b>	<b>Version</b>
EMI Test Software (Radiated Emission)*	Farad	EZ-EMC	RA-03A1
EMI Test Software (Conducted Emission)*	Farad	EZ-EMC	RA-03A1

\*Remark: indicates software version used in the compliance certification testing

## 2. SUMMARY OF TEST RESULTS

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FCC Rules	Description of Test Item	Result
§15.203	Antenna Requirement	Compliant
§15.205	Restricted Band of Operation	Compliant
§15.207(a)	Conducted Emission	Compliant
§15.209(a)(f)	Radiated Spurious Emissions	Compliant
§15.249(a)	Field Strength of Emissions	Compliant
§15.249(d)	Out of Band Emission	Compliant
§15.215(c)	Emission Bandwidth	Compliant

N/A: not applicable

### **3. Antenna Requirements**

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#### **3.1 Standard Applicable**

According to FCC Part 15.203, 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 PCB antenna, fulfill the requirement of this section.

## 4. Radiated Emissions

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### 4.1 Standard Applicable

According to §15.249(a), the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental Frequency	Field strength of fundamental (milli-volts/meter)	Field strength of Harmonics (micro-volts/meter)
902-928 MHz	50	500
2400-2483.5 MHz	50	500
5725-5875 MHz	50	500
24.0-24.25 GHz	250	2500

(d) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.

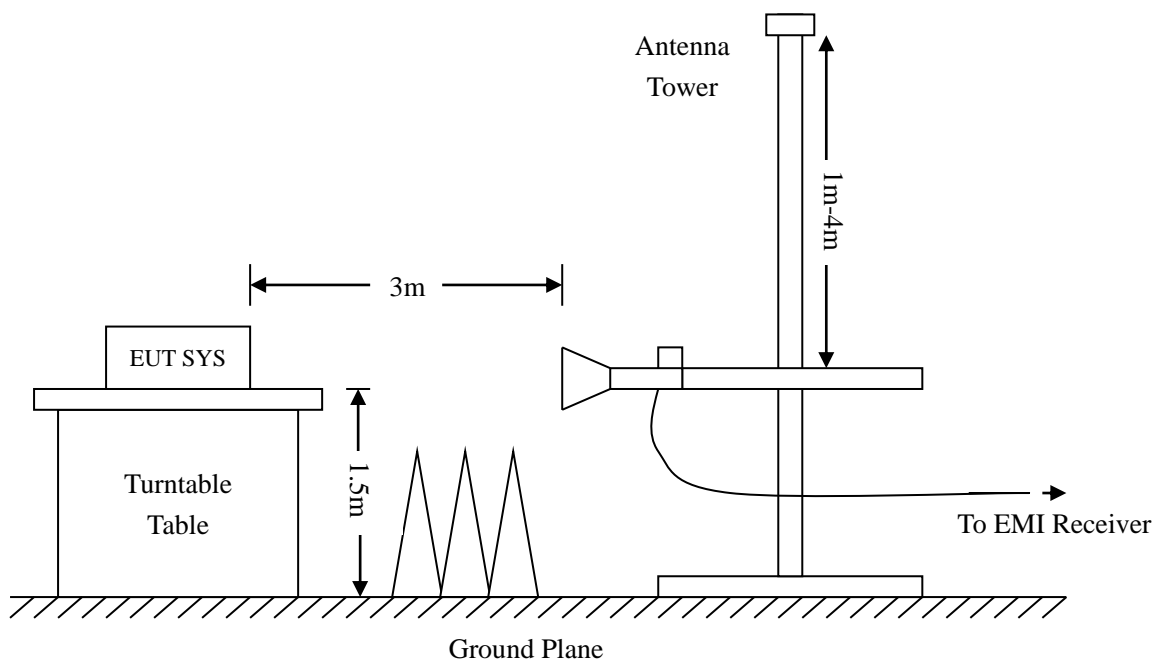
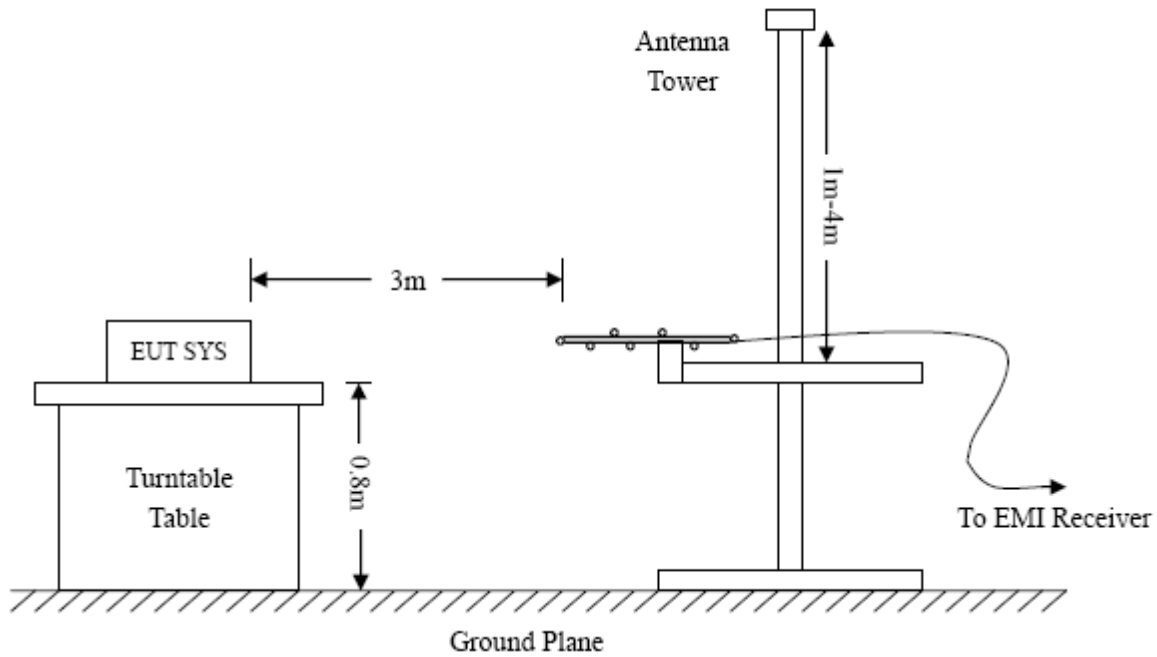
The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions apply. Spurious Radiated Emissions measurements starting below or at the lowest crystal frequency.

### 4.2 Test Procedure

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.205 15.249(a) and FCC Part 15.209 Limit.

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.



Frequency :9kHz-30MHz  
 RBW=10KHz,  
 VBW =30KHz  
 Sweep time= Auto  
 Trace = max hold  
 Detector function = peak

Frequency :30MHz-1GHz  
 RBW=120KHz,  
 VBW=300KHz  
 Sweep time= Auto  
 Trace = max hold  
 Detector function = peak, QP

Frequency :Above 1GHz  
 RBW=1MHz,  
 VBW=3MHz(Peak), 10Hz(AV)  
 Sweep time= Auto  
 Trace = max hold  
 Detector function = peak, AV

### 4.3 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:

$$\text{Corr. Ampl.} = \text{Indicated Reading} + \text{Ant. Factor} + \text{Cable Loss} - \text{Ampl. Gain}$$

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

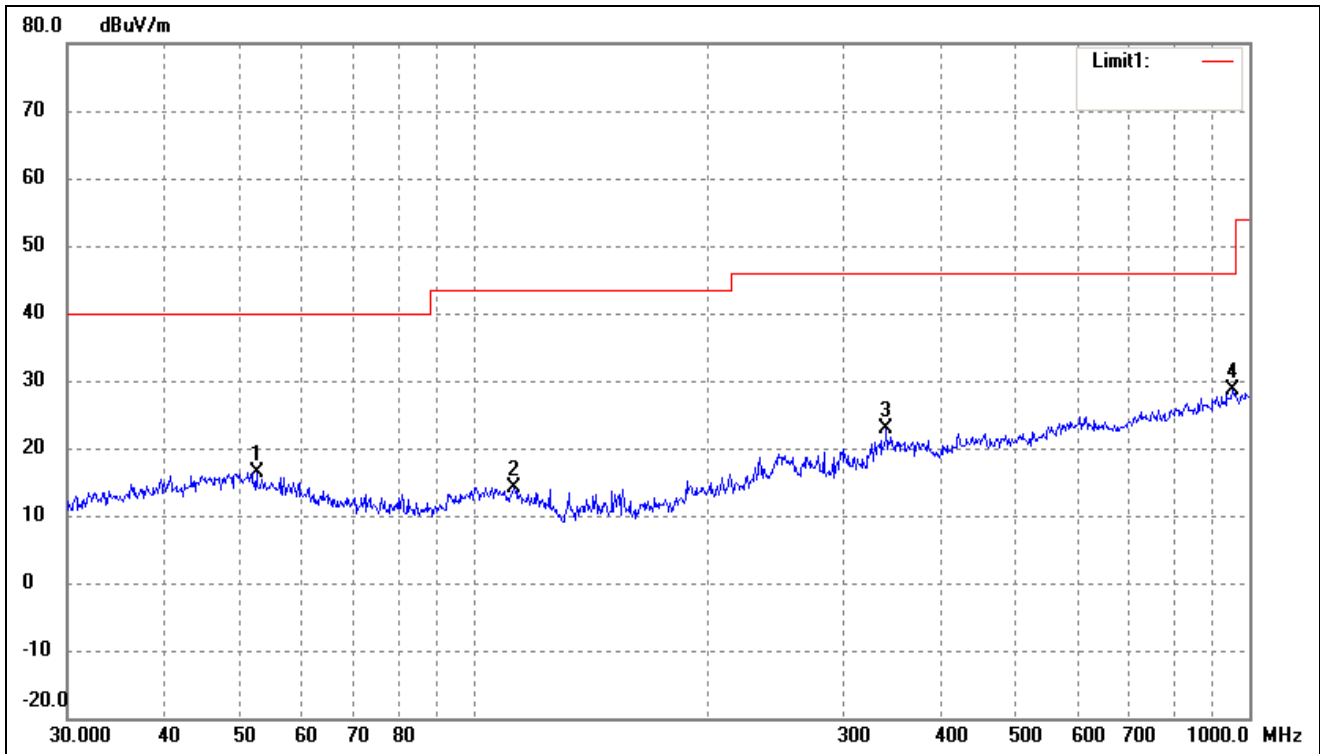
$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 15C Limit}$$

### 4.4 Summary of Test Results/Plots

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

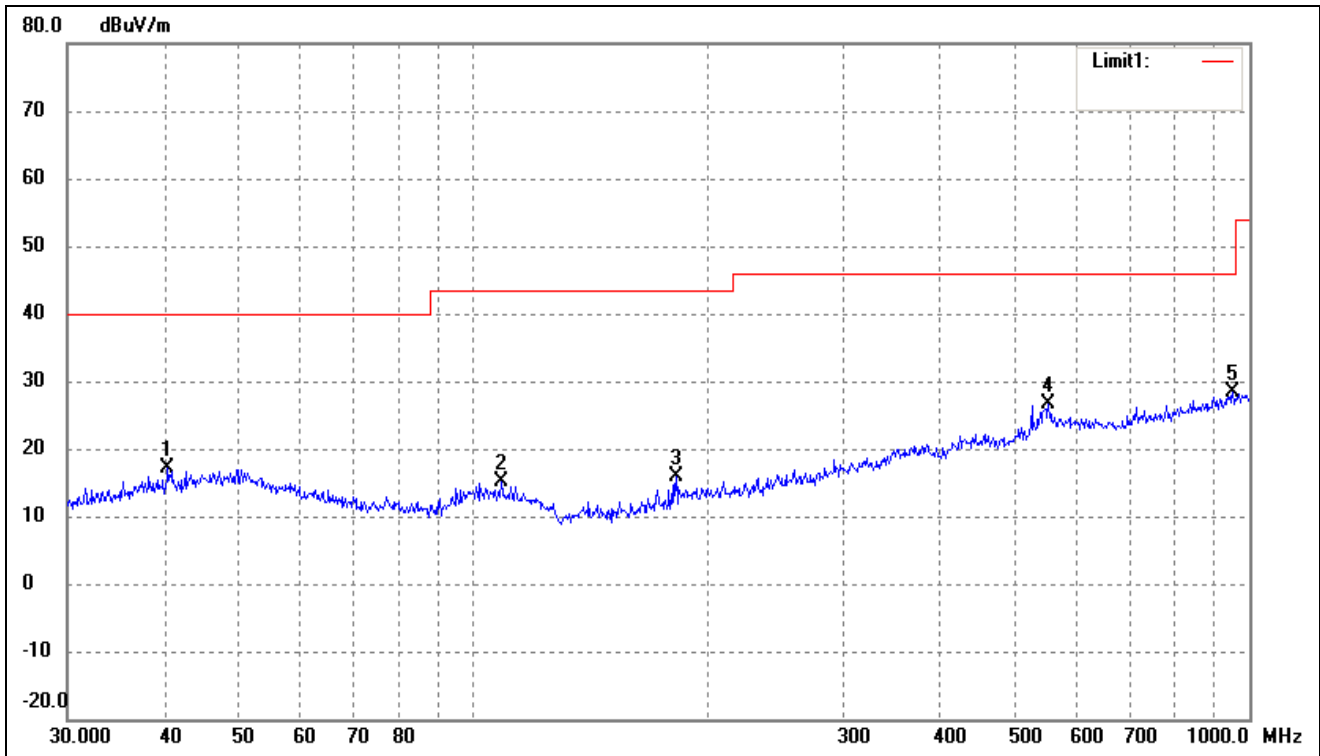
➤ Spurious Emissions Below 1GHz

Test Channel	Low	Polarity:	Horizontal
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No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Remark
1	52.5752	28.10	-11.60	16.50	40.00	-23.50	81	100	peak
2	112.9196	27.58	-13.34	14.24	43.50	-29.26	199	100	peak
3	340.7817	31.56	-8.58	22.98	46.00	-23.02	125	100	peak
4	952.0937	28.46	0.12	28.58	46.00	-17.42	122	100	peak

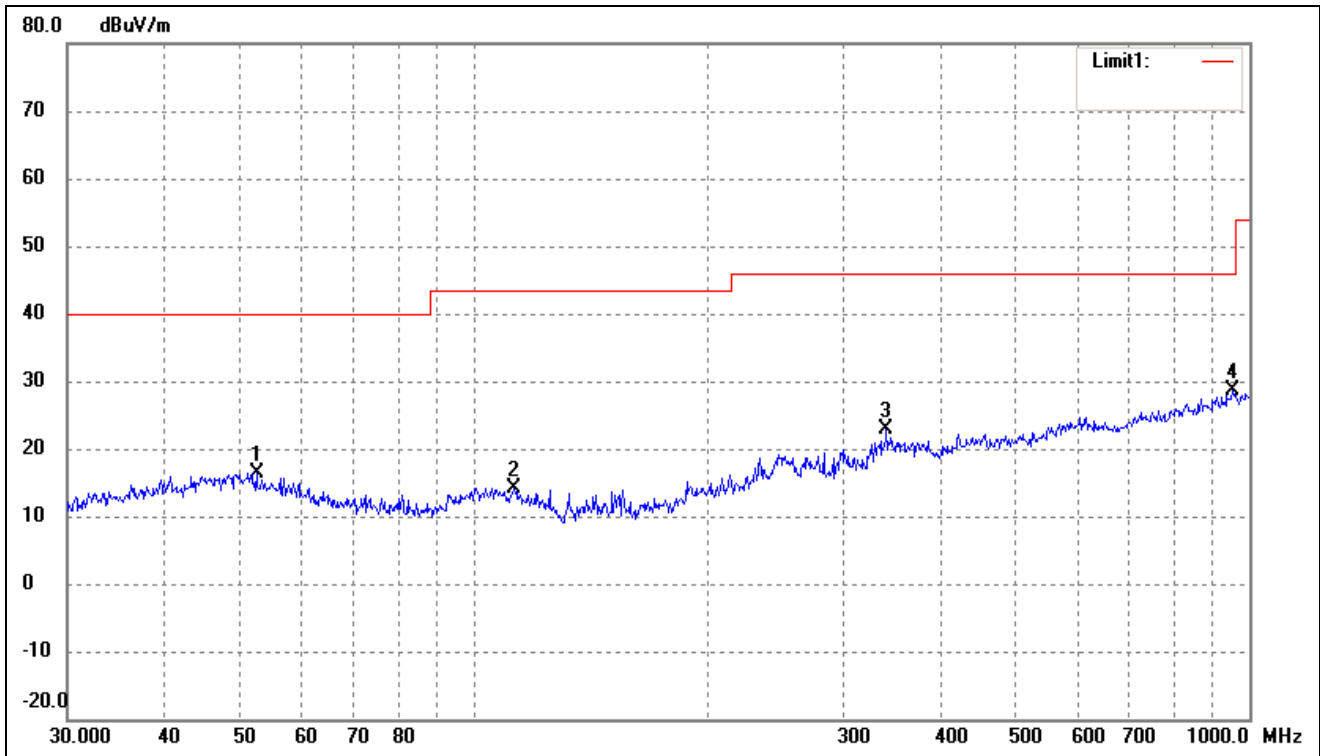
Test Channel	Low	Polarity:	Vertical
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No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Remark
1	40.4172	29.51	-12.42	17.09	40.00	-22.91	343	100	peak
2	108.6470	28.27	-13.03	15.24	43.50	-28.26	255	100	peak
3	182.5592	30.18	-14.29	15.89	43.50	-27.61	92	100	peak
4	550.9479	32.03	-5.46	26.57	46.00	-19.43	222	100	peak
5	952.0937	28.22	0.12	28.34	46.00	-17.66	140	100	peak

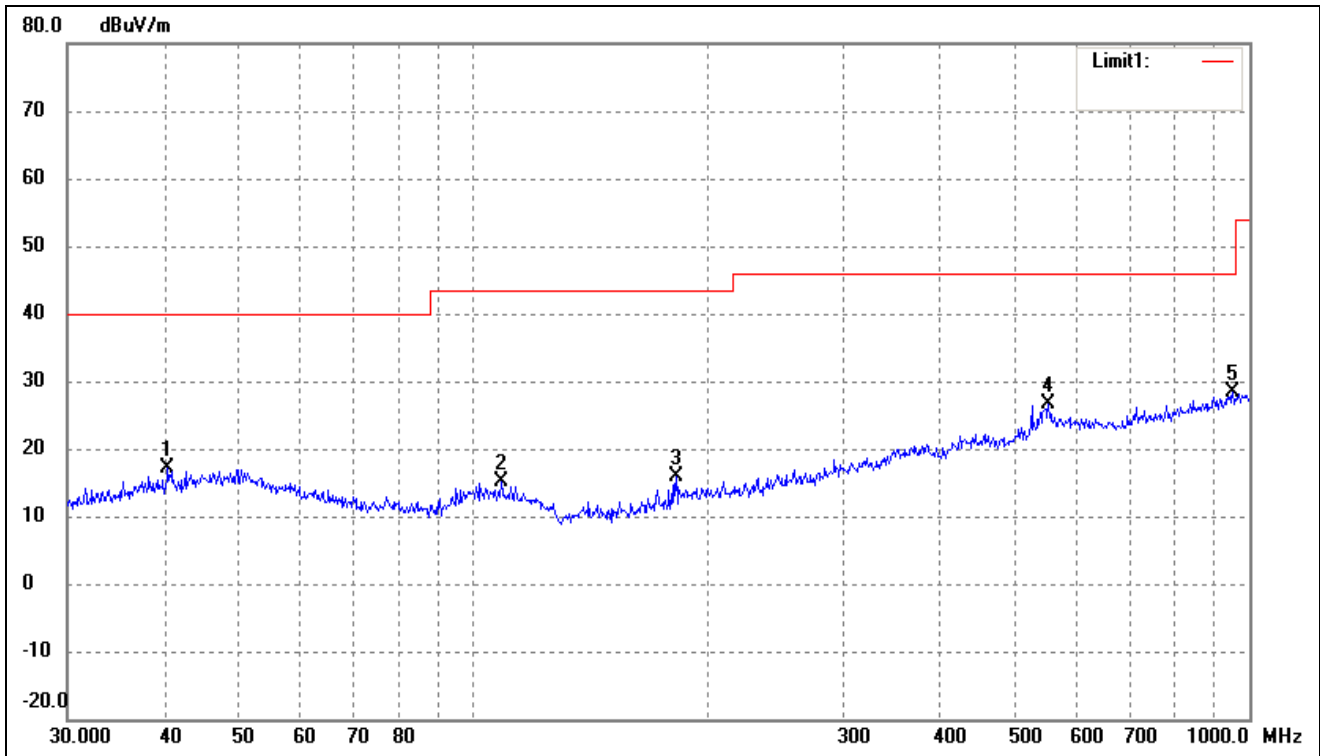


Test Channel	Middle	Polarity:	Horizontal
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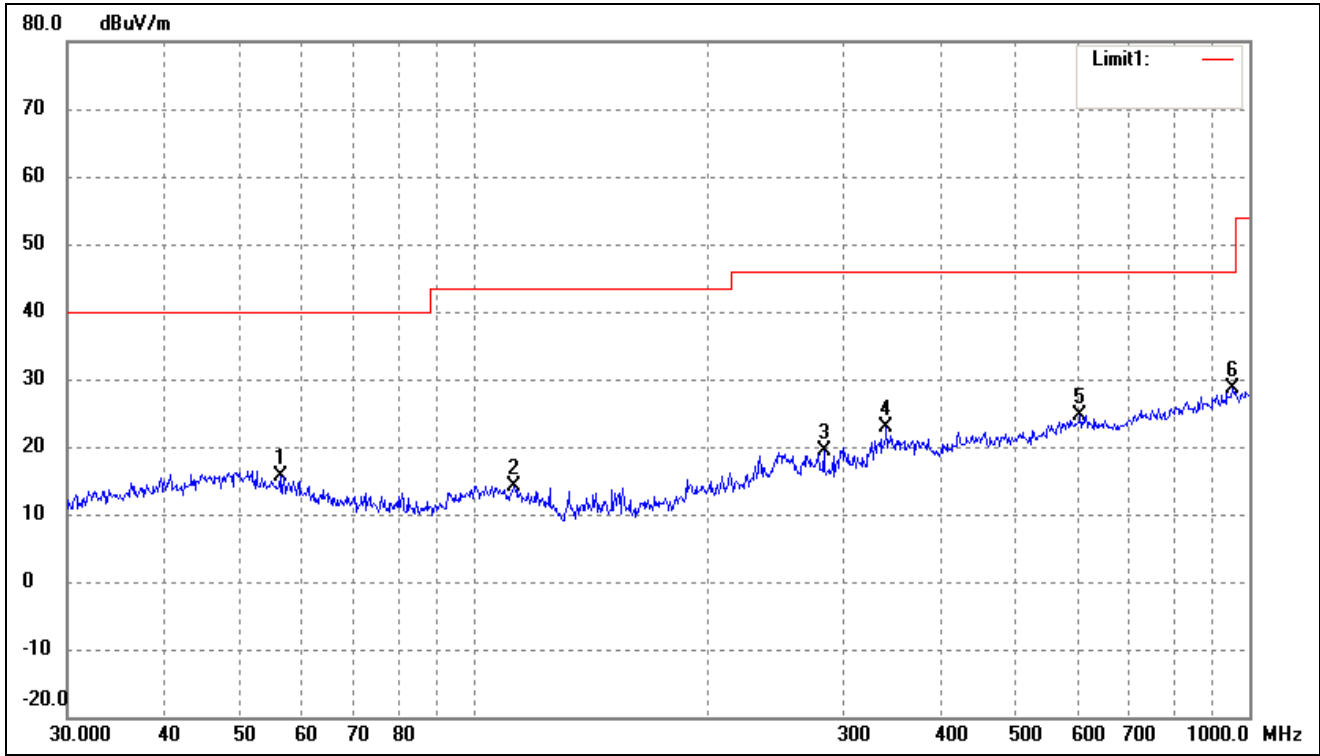
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Remark
1	52.5752	28.10	-11.60	16.50	40.00	-23.50	306	100	peak
2	112.9196	27.58	-13.34	14.24	43.50	-29.26	97	100	peak
3	340.7817	31.56	-8.58	22.98	46.00	-23.02	168	100	peak
4	952.0937	28.46	0.12	28.58	46.00	-17.42	116	100	peak

Test Channel	Middle	Polarity:	Vertical
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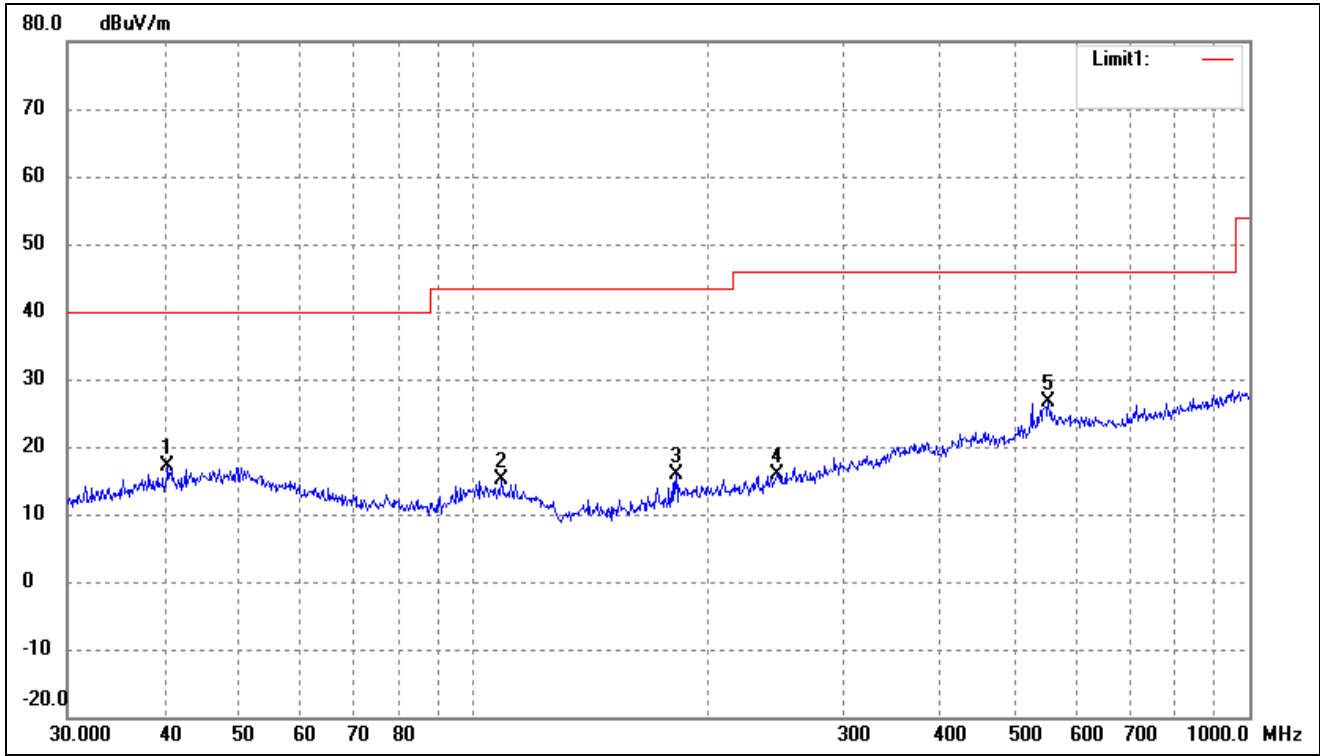
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Remark
1	40.4172	29.51	-12.42	17.09	40.00	-22.91	137	100	peak
2	108.6470	28.27	-13.03	15.24	43.50	-28.26	192	100	peak
3	182.5592	30.18	-14.29	15.89	43.50	-27.61	93	100	peak
4	550.9479	32.03	-5.46	26.57	46.00	-19.43	134	100	peak
5	952.0937	28.22	0.12	28.34	46.00	-17.66	324	100	peak

Test Channel	High	Polarity:	Horizontal
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No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Remark
1	56.3947	28.19	-12.48	15.71	40.00	-24.29	166	100	peak
2	112.9196	27.58	-13.34	14.24	43.50	-29.26	116	100	peak
3	282.9852	29.45	-10.13	19.32	46.00	-26.68	88	100	peak
4	340.7817	31.56	-8.58	22.98	46.00	-23.02	101	100	peak
5	605.6592	28.66	-4.05	24.61	46.00	-21.39	97	100	peak
6	952.0937	28.46	0.12	28.58	46.00	-17.42	155	100	peak

Test Channel	High	Polarity:	Vertical
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No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Remark
1	40.4172	29.51	-12.42	17.09	40.00	-22.91	219	100	peak
2	108.6470	28.27	-13.03	15.24	43.50	-28.26	99	100	peak
3	182.5592	30.18	-14.29	15.89	43.50	-27.61	175	100	peak
4	246.8146	27.17	-11.17	16.00	46.00	-30.00	106	100	peak
5	550.9479	32.03	-5.46	26.57	46.00	-19.43	98	100	peak

➤ Spurious Emissions Above 1GHz

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel-2405MHz							
2405.00	97.90	-3.59	94.31	114.00	-19.69	H	PK
2405.00	83.41	-3.59	79.82	94.00	-14.18	H	AV
4810.00	48.84	-3.49	45.35	74.00	-28.65	H	PK
4810.00	43.37	-3.49	39.88	54.00	-14.12	H	AV
7215.00	45.90	-0.47	45.43	74.00	-28.57	H	PK
7215.00	39.23	-0.47	38.76	54.00	-15.24	H	AV
2405.00	92.84	-3.59	89.25	114.00	-24.75	V	PK
2405.00	78.22	-3.59	74.63	94.00	-19.37	V	AV
4810.00	49.59	-3.49	46.10	74.00	-27.90	V	PK
4810.00	42.23	-3.49	38.74	54.00	-15.26	V	AV
7215.00	47.00	-0.47	46.53	74.00	-27.47	V	PK
7215.00	39.07	-0.47	38.60	54.00	-15.40	V	AV
High Channel-2479MHz							
2479.00	92.18	-3.59	88.59	114.00	-25.41	H	PK
2479.00	78.22	-3.59	74.63	94.00	-19.37	H	AV
4958.00	48.80	-3.59	45.21	74.00	-28.79	H	PK
4958.00	43.59	-3.59	40.00	54.00	-14.00	H	AV
7437.00	46.77	-0.52	46.25	74.00	-27.75	H	PK
7437.00	40.71	-0.52	40.19	54.00	-13.81	H	AV
2479.00	97.90	-3.59	94.31	114.00	-19.69	V	PK
2479.00	83.41	-3.59	79.82	94.00	-14.18	V	AV
4958.00	48.84	-3.49	45.35	74.00	-28.65	V	PK
4958.00	43.37	-3.49	39.88	54.00	-14.12	V	AV
7437.00	45.90	-0.47	45.43	74.00	-28.57	V	PK
7437.00	39.23	-0.47	38.76	54.00	-15.24	V	AV

*Note: Testing is carried out with frequency rang 9kHz to the tenth harmonics, which above 5<sup>th</sup> Harmonics are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured. The measurements greater than 20dB below the limit from 9kHz to 30MHz..*

## 5. Out of Band Emissions

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### 5.1 Standard Applicable

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.

### 5.2 Test Procedure

As the radiation test, set the Lowest and Highest Transmitting Channel, observed the outside band of 2400MHz to 2483.5MHz, than mark the higher-level emission for comparing with the FCC rules.

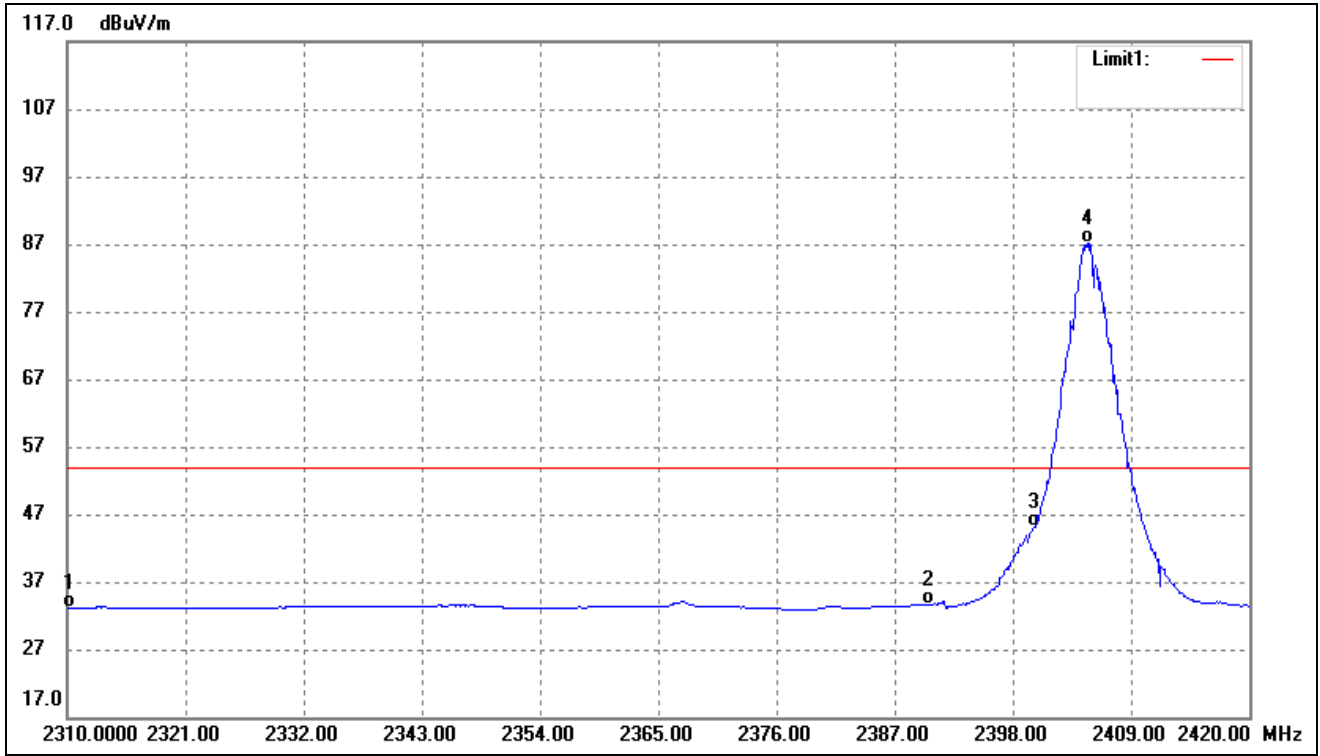
### 5.3 Summary of Test Results/Plots

Test mode	Frequency	Limit	Result
	MHz	dBuV / dBc	
Lowest	2310.00	<54 dBuV	Pass
	2390.00	<54 dBuV	Pass
	2400.00	<54 dBuV	Pass
Highest	2483.50	<54 dBuV	Pass
	2500.00	<54 dBuV	Pass

The edge emissions are below the FCC 15.209 Limits or complies with the 15.249 requirements.

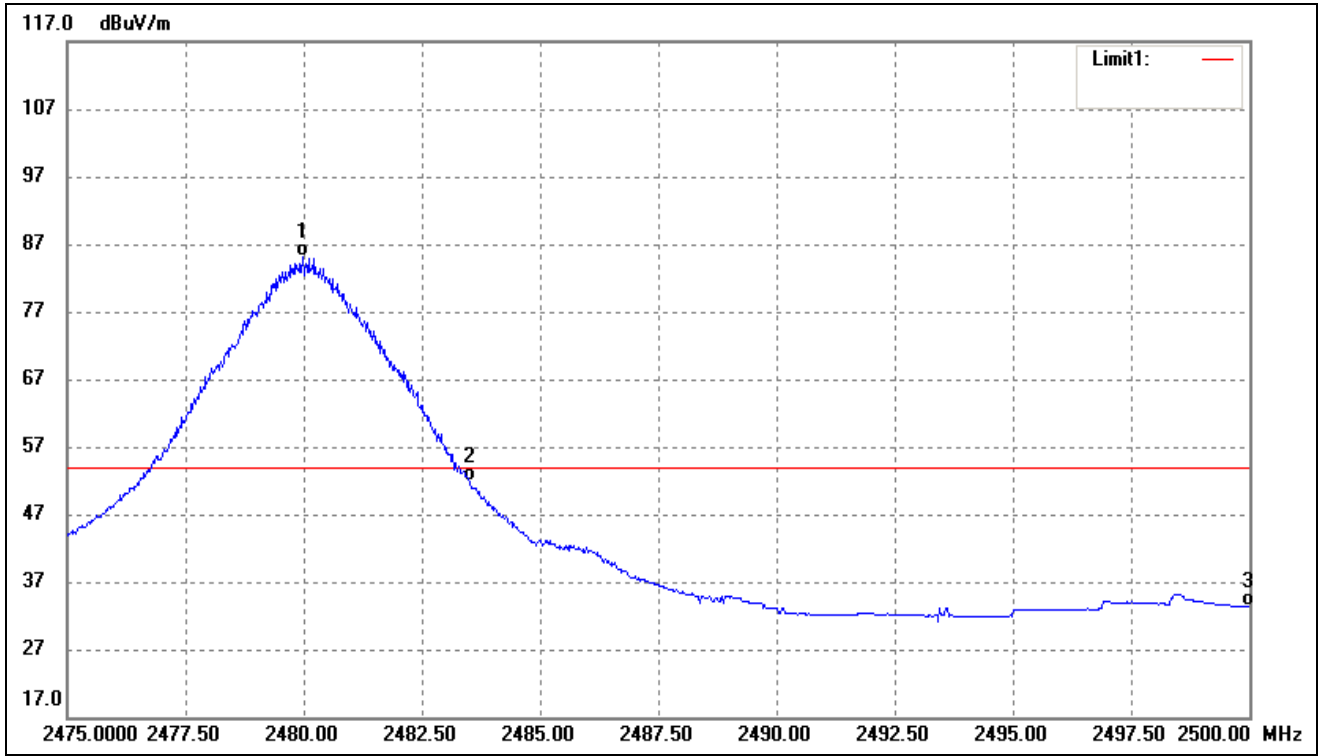
Please refer to the test plots as below.

Test Channel	Low	Polarity:	Horizontal (worst case)
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No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2310.000	40.93	-7.78	33.15	54.00	-20.85	Ave Detector
	2310.000	54.40	-7.78	46.62	74.00	-27.38	Peak Detector
2	2390.000	41.04	-7.32	33.72	54.00	-20.28	Ave Detector
	2390.000	56.08	-7.32	48.76	74.00	-25.24	Peak Detector
3	2400.000	52.49	-7.26	45.23	54.00	-8.77	Ave Detector
	2400.000	69.64	-7.26	62.38	74.00	-11.62	Peak Detector
4	2404.930	94.45	-7.22	87.23	/	/	Ave Detector
	2405.480	111.11	-7.22	103.89	/	/	Peak Detector

Test Channel	High	Polarity:	Horizontal (worst case)
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No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2479.975	91.85	-6.79	85.06			Ave Detector
	2479.475	106.03	-6.79	99.24			Peak Detector
2	2483.500	58.62	-6.77	51.85	54.00	-2.15	Ave Detector
	2483.500	75.26	-6.77	68.49	74.00	-5.51	Peak Detector
3	2500.000	39.95	-6.67	33.28	54.00	-20.72	Ave Detector
	2500.000	52.93	-6.67	46.26	74.00	-27.74	Peak Detector



## 6. Emission Bandwidth

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### 6.1 Standard Applicable

According to 15.215(c), intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

### 6.2 Test Procedure

According to the ANSI 63.10-2013, the emission bandwidth test method as follows.

Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

Set span = 1MHz, centered on a transmitting channel

RBW  $\geq$ 1% 20dB Bandwidth, VBW  $\geq$ RBW

Sweep = auto

Detector function = peak

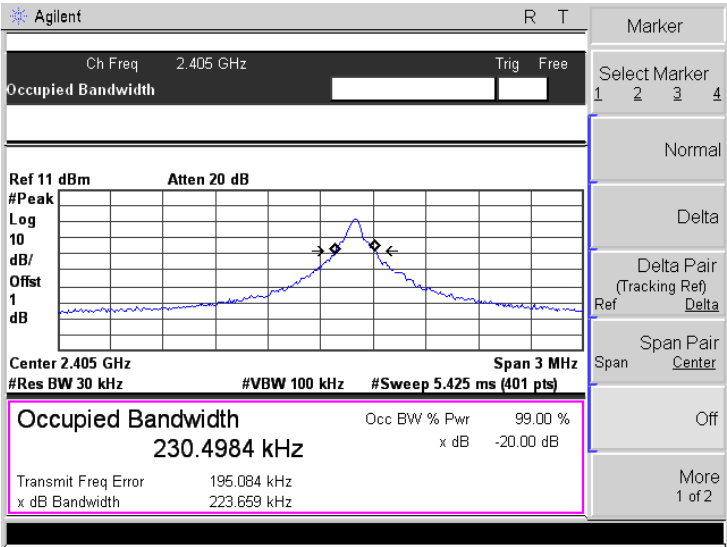
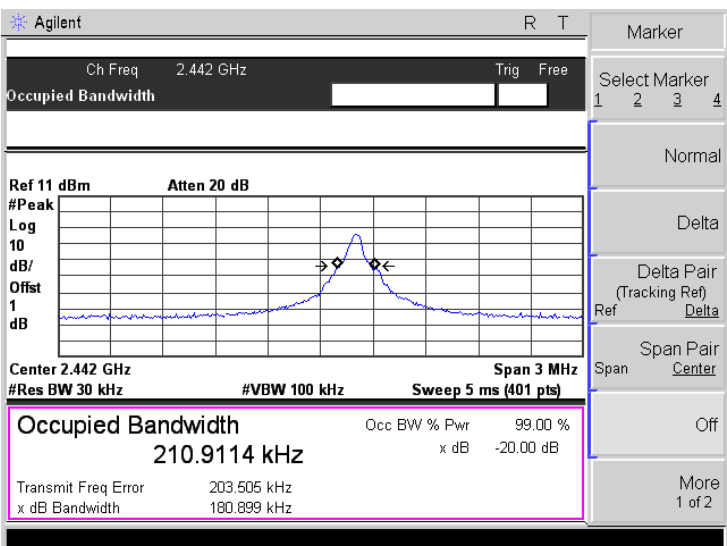
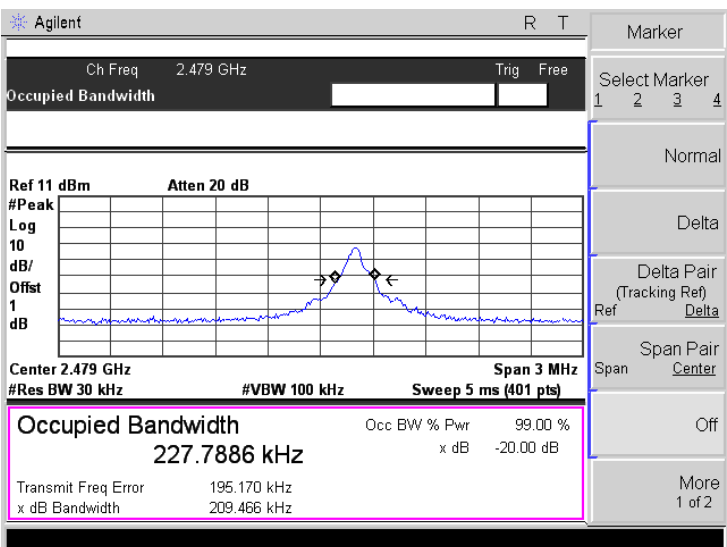
Trace = max hold

All the trace to stabilize, use the marker-to-peak function to set the marker to the peak of the emission, use the marker-delta function to measure and record the 20dB down and 99% bandwidth of the emission.

### 6.3 Summary of Test Results/Plots

Test Channel	20dB Bandwidth(MHz)
Low Channel	0.224
Middle Channel	0.181
High Channel	0.209

*Please refer to the following test plots*

<p>Low Channel</p>	
<p>Middle Channel</p>	
<p>High Channel</p>	

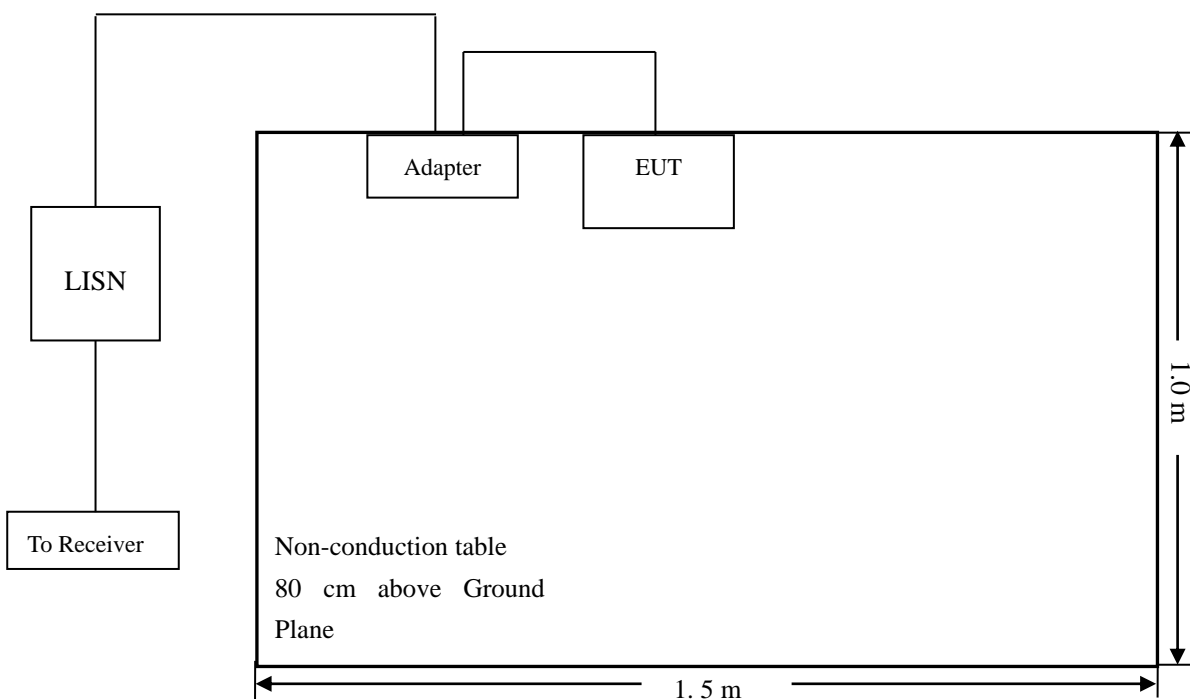
## 7. Conducted Emissions

### 7.1 Test Procedure

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 Limit.

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.

### 7.2 Basic Test Setup Block Diagram



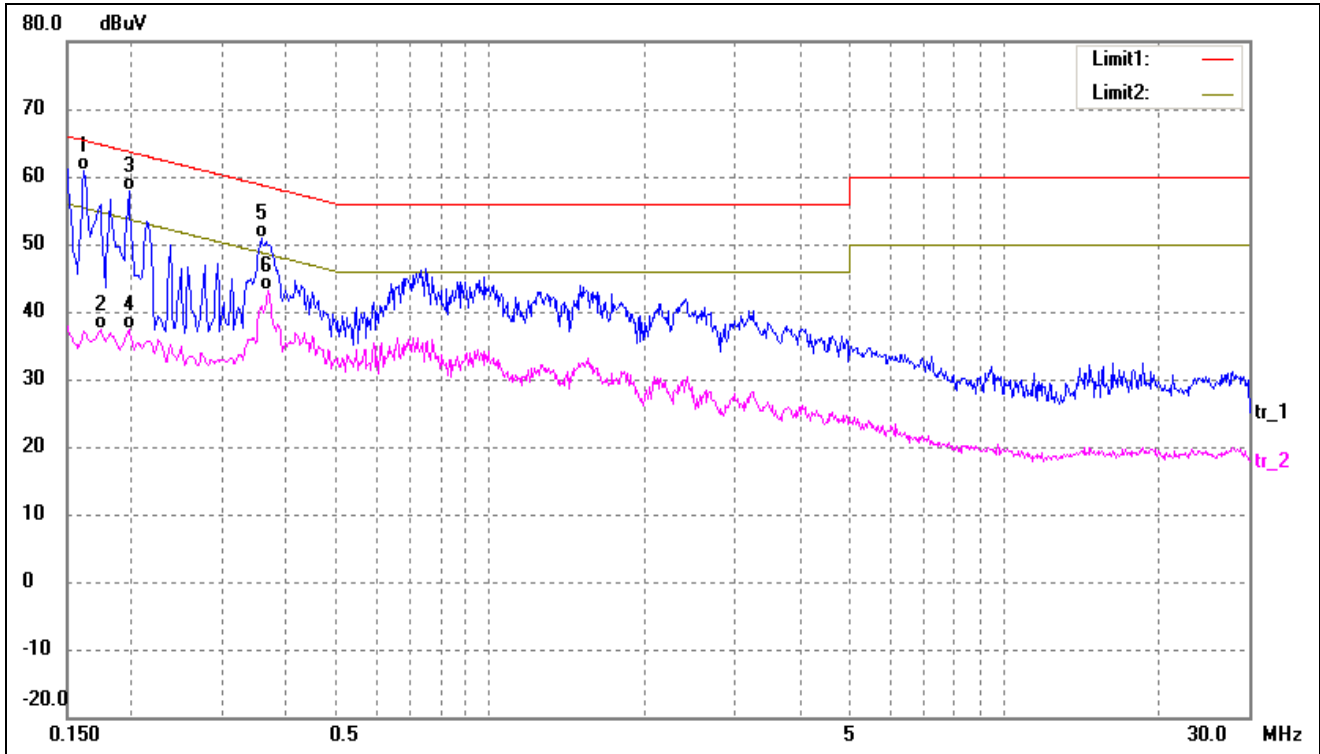
### 7.3 Test Receiver Setup

During the conducted emission test, the test receiver was set with the following configurations:

Start Frequency .....	150 kHz
Stop Frequency .....	30 MHz
Sweep Speed .....	Auto
IF Bandwidth.....	10 kHz
Quasi-Peak Adapter Bandwidth .....	9 kHz
Quasi-Peak Adapter Mode .....	Normal

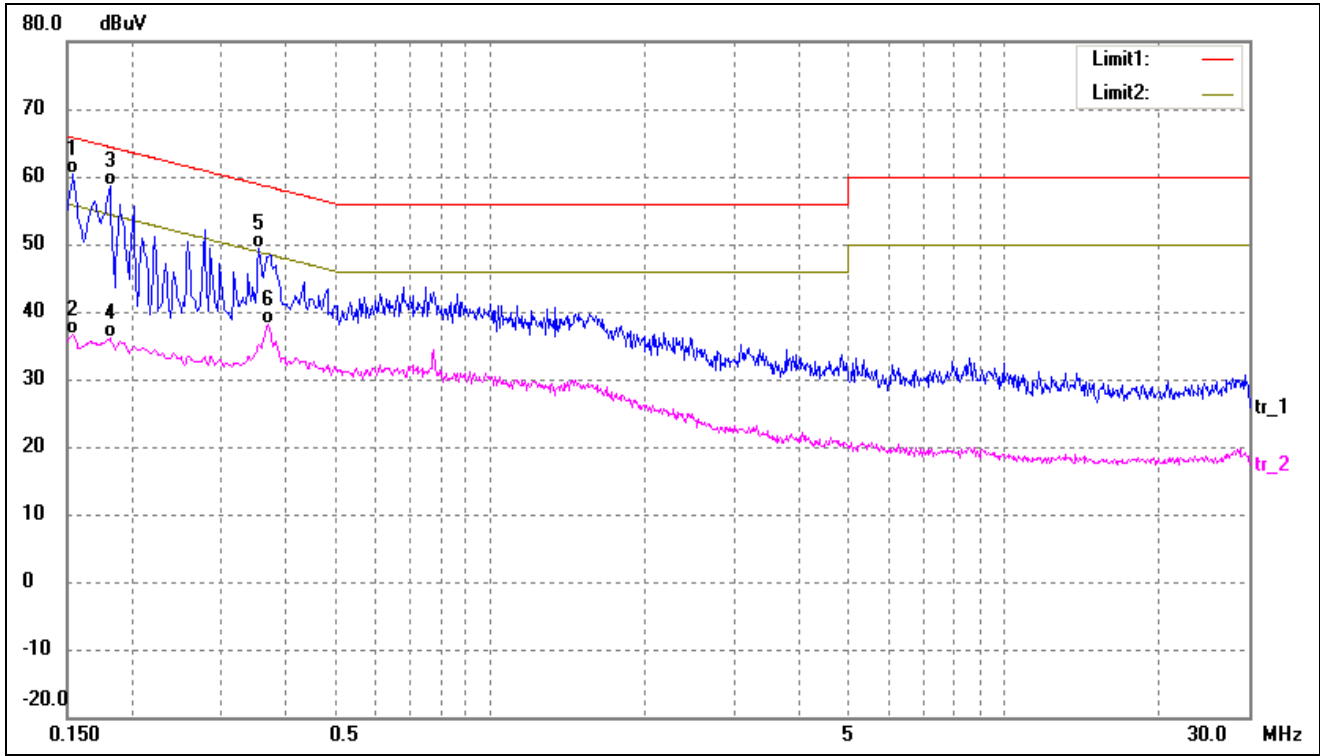
### 7.4 Summary of Test Results/Plots

Test mode:	TM1	Polarity:	Neutral
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1620	50.83	9.95	60.78	65.36	-4.58	QP
2	0.1740	27.45	9.95	37.40	54.77	-17.37	AVG
3	0.1980	48.00	9.97	57.97	63.69	-5.72	QP
4	0.1980	27.51	9.97	37.48	53.69	-16.21	AVG
5	0.3580	40.74	10.03	50.77	58.77	-8.00	QP
6	0.3700	33.16	10.02	43.18	48.50	-5.32	AVG

Test mode:	TM1	Polarity:	Line
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1539	50.47	9.95	60.42	65.78	-5.36	QP
2	0.1539	26.80	9.95	36.75	55.78	-19.03	AVG
3	0.1819	48.65	9.96	58.61	64.39	-5.78	QP
4	0.1819	26.12	9.96	36.08	54.39	-18.31	AVG
5	0.3540	39.41	10.03	49.44	58.87	-9.43	QP
6	0.3700	28.07	10.02	38.09	48.50	-10.41	AVG

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