

FCC Part 15C Measurement and Test Report

For

Wing Cheong Electrical Company Limited

Rm. 1313-1314, Block A, Hoi Luen Industrial Centre, 55 Hoi Yuen Road,

Kwun Tong, Kowloon, Hong Kong

FCC ID:2ARB3TAIKBT3

FCC Rule(s):	<u>FCC Part 15.249</u>
Product Description:	<u>Ready 2 Taik BT3</u>
Tested Model:	<u>Ready 2 Taik BT3</u>
Report No.:	<u>STR18088348I</u>
Sample Receipt Date:	<u>2018-08-29</u>
Tested Date:	<u>2018-08-29 to 2018-09-10</u>
Issued Date:	<u>2018-09-11</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.

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1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Applicant: Wing Cheong Electrical Company Limited
Address of applicant: Rm. 1313-1314, Block A, Hoi Luen Industrial Centre, 55 Hoi Yuen Road, Kwun Tong, Kowloon, Hong Kong

Manufacturer: ACCUTONE ELECTRONICS (SHENZHEN) LIMITED
Address of manufacturer: BUILDING 5, XILIANG INDUSTRIAL PARK, BUJI TOWN, LONGGANG DISTRICT, SHENZHEN, CHINA

General Description of EUT	
Product Name:	Ready 2 Taik BT3
Trade Name:	/
Model No.:	Ready 2 Taik BT3
Adding Model(s):	/
Rated Voltage:	DC 3.7V
Power Adapter Model:	/
<i>Note: The test data is gathered from a production sample, provided by the manufacturer.</i>	

Technical Characteristics of EUT	
Frequency Range:	5731MHz-5820MHz
Max. Field Strength:	94.28dBuV/m
Modulation:	FSK
Antenna Type:	Integral Antenna
Antenna Gain:	1.46dBi
Lowest Internal Frequency of EUT:	16MHz

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

FCC – Registration No.: 125990

Shenzhen SEM Test Technology Co., Ltd. Laboratory has been recognized to perform compliance testing on equipment subject to the Commissions Declaration Of Conformity (DOC). 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	5731MHz
TM2	Middle Channel	5773MHz
TM3	High Channel	5820MHz

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
USB Cable	1.0	Shielded	Without Core

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
Adapter	ARCHOS	DCS02-0501000	/

1.6 Measurement Uncertainty

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

1.7 Test Equipment List and Details

No.	Description	Manufacturer	Model	Serial No.	Cal Date	Due Date
SEMT-1072	Spectrum Analyzer	Agilent	E4407B	MY41440400	2018-05-22	2019-05-21
SEMT-1031	Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/035	2018-05-22	2019-05-21
SEMT-1007	EMI Test Receiver	Rohde & Schwarz	ESVB	825471/005	2018-05-22	2019-05-21
SEMT-1008	Amplifier	Agilent	8447F	3113A06717	2018-05-22	2019-05-21
SEMT-1043	Amplifier	C&D	PAP-1G18	2002	2018-05-22	2019-05-21
SEMT-1011	Broadband Antenna	Schwarz beck	VULB9163	9163-333	2017-06-08	2020-06-07
SEMT-1042	Horn Antenna	ETS	3117	00086197	2017-06-08	2020-06-07
SEMT-1121	Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170582	2017-06-08	2020-06-07
SEMT-1069	Loop Antenna	Schwarz beck	FMZB 1516	9773	2017-06-08	2020-06-07
SEMT-1001	EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2018-05-22	2019-05-21
SEMT-1003	L.I.S.N	Schwarz beck	NSLK8126	8126-224	2018-05-22	2019-05-21
SEMT-1002	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2018-05-22	2019-05-21
SEMT-1168	Pre-amplifier	Direction Systems Inc.	PAP-0126	14141-12838	2018-05-22	2019-05-21
SEMT-1169	Pre-amplifier	Direction Systems Inc.	PAP-2640	14145-14153	2018-05-22	2019-05-21
SEMT-1163	Spectrum Analyzer	Rohde & Schwarz	FSP40	100612	2018-05-22	2019-05-21
SEMT-1170	DRG Horn Antenna	A.H. SYSTEMS	SAS-574	571	2018-03-19	2021-03-18
SEMT-1166	Power Limiter	Agilent	N9356B	MY45450376	2018-05-22	2019-05-21
SEMT-1048	RF Limiter	ATTEN	AT-BSF-2400~2500	/	2018-05-22	2019-05-21
SEMT-1076	RF Switcher	Top Precision	RCS03-A2	/	2018-05-22	2019-05-21
SEMT-C001	Cable	Zheng DI	LL142-07-07-10M(A)	/	2018-03-19	2019-03-18
SEMT-C002	Cable	Zheng DI	ZT40-2.92J-2.92J-6M	/	2018-03-19	2019-03-18
SEMT-C003	Cable	Zheng DI	ZT40-2.92J-2.92J-2.5M	/	2018-03-19	2019-03-18
SEMT-C004	Cable	Zheng DI	2M0RFC	/	2018-03-19	2019-03-18
SEMT-C005	Cable	Zheng DI	1M0RFC	/	2018-03-19	2019-03-18
SEMT-C006	Cable	Zheng DI	1M0RFC	/	2018-03-19	2019-03-18

2. SUMMARY OF TEST RESULTS

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

3. Antenna Requirements

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 an integral antenna, fulfill the requirement of this section.

4. Radiated Emissions

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.

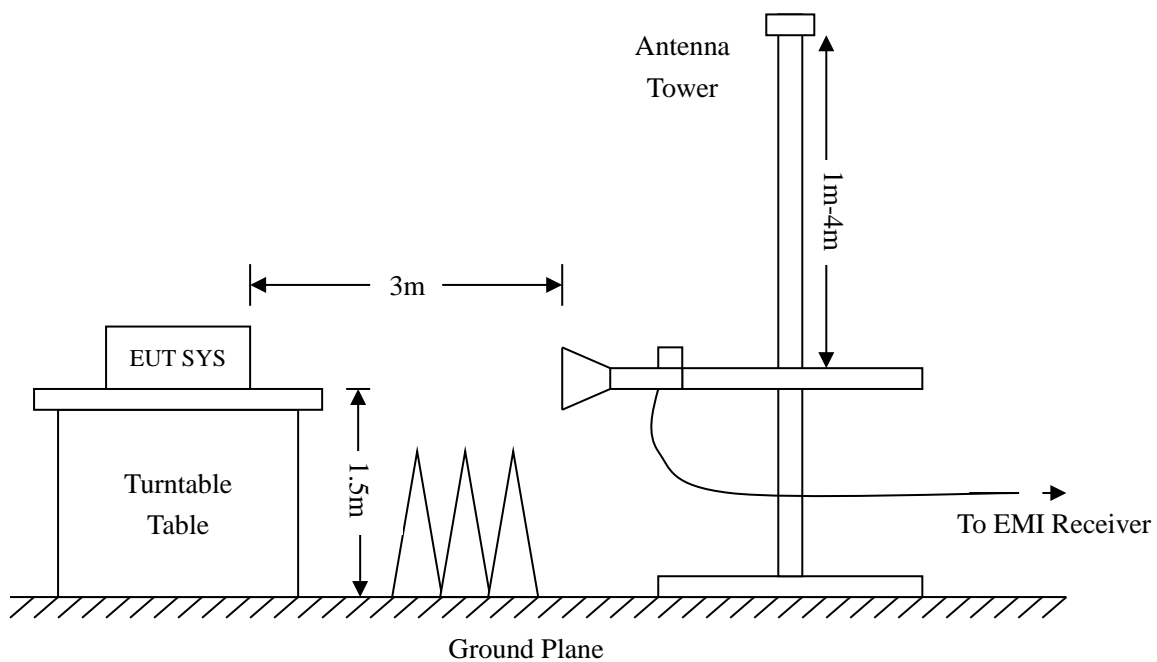
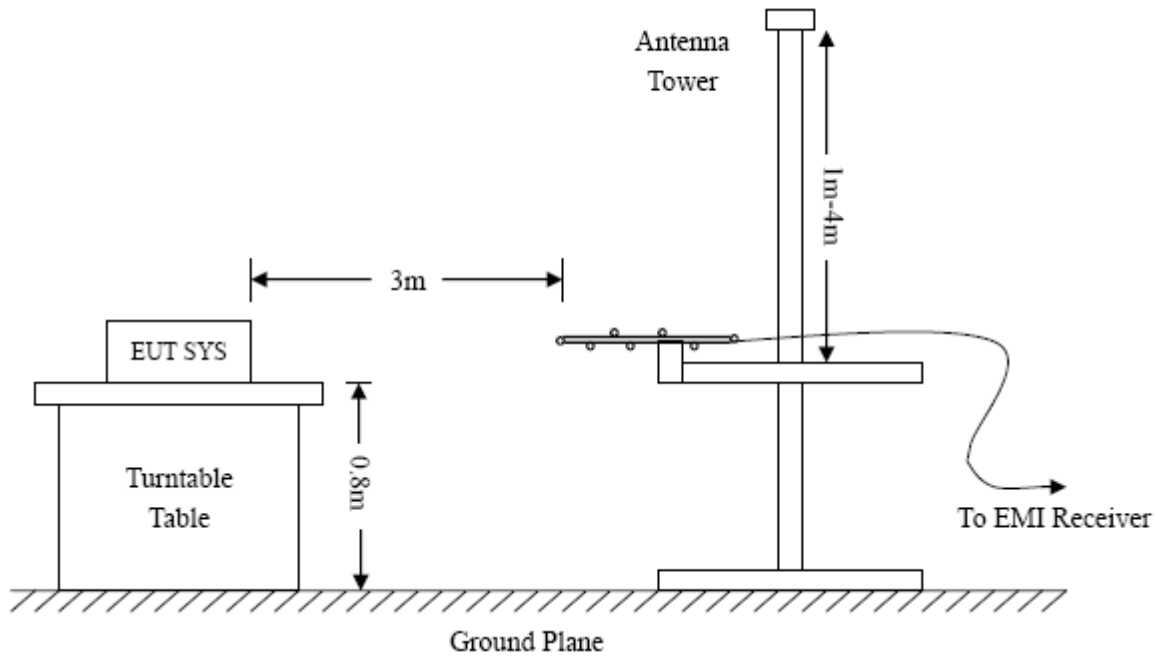
The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions apply. Spurious Radiated Emissions measurements starting below or at the lowest crystal frequency.

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:

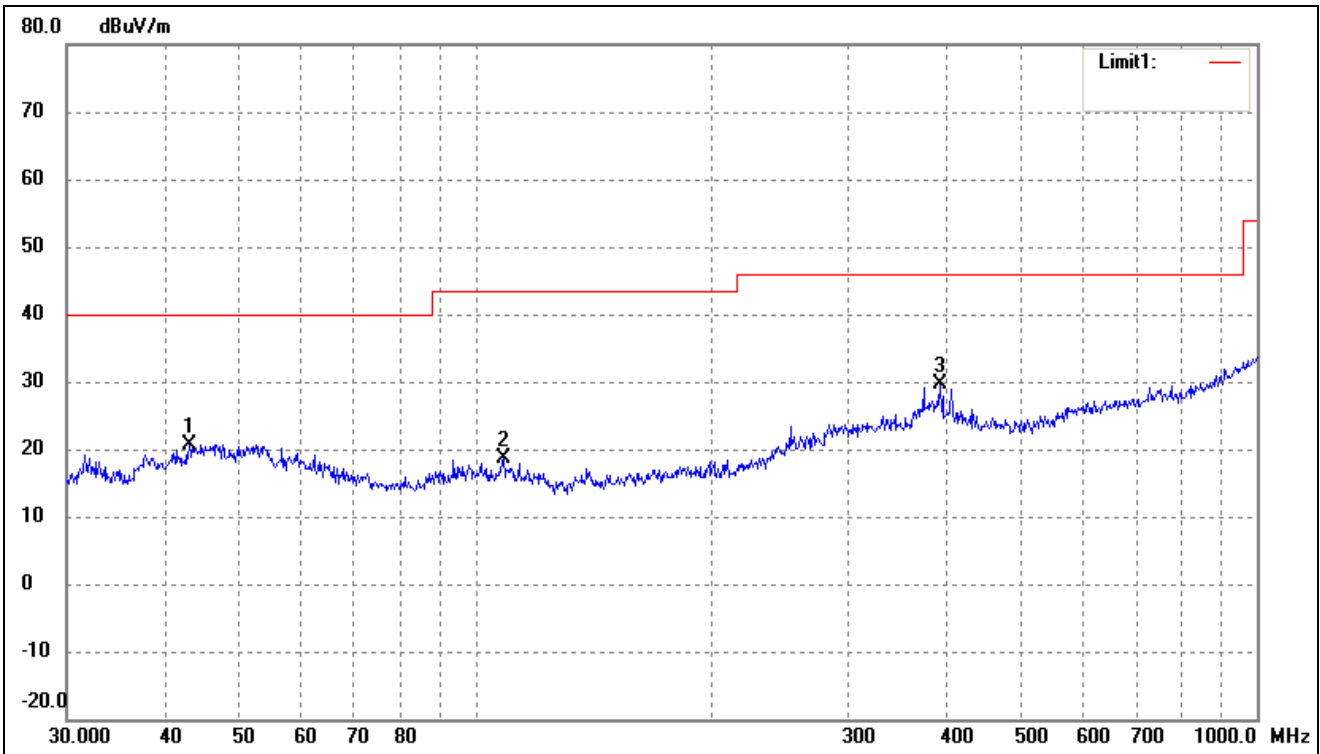
$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 15C Limit}$$

4.4 Summary of Test Results/Plots

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

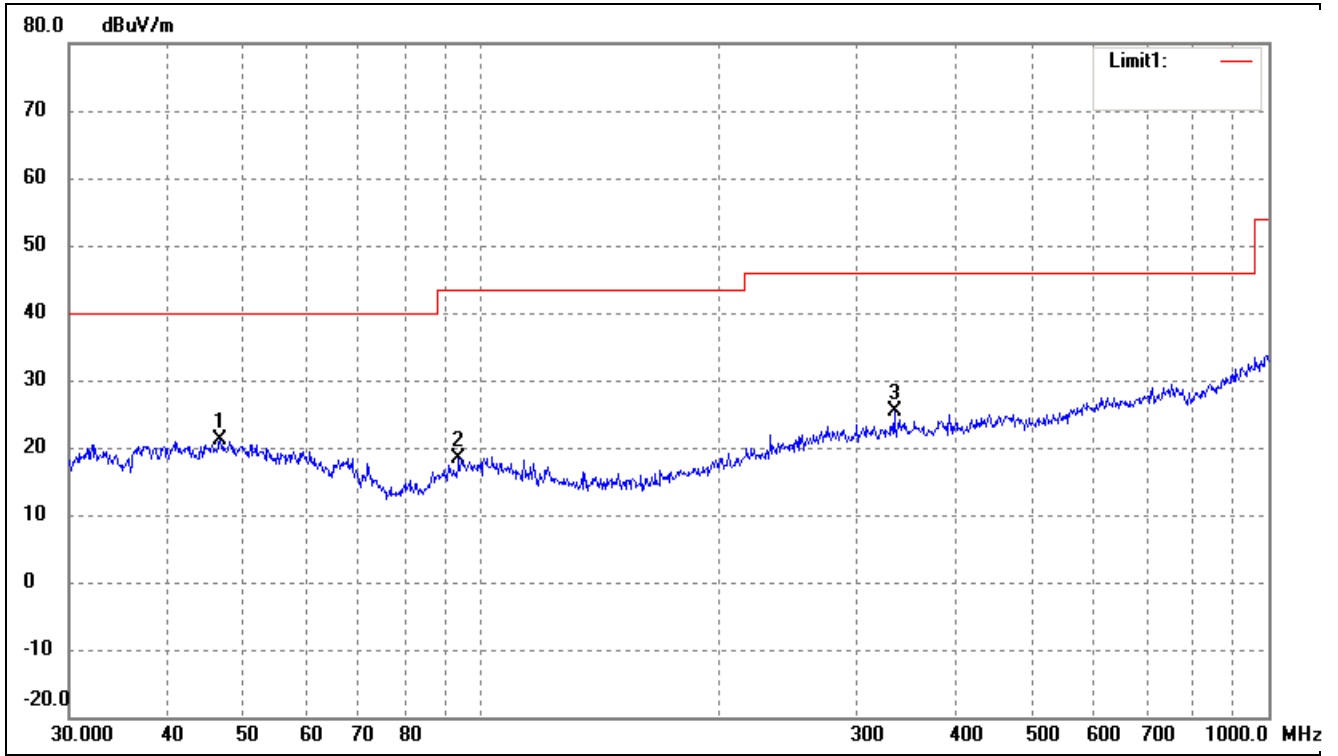
➤ Spurious Emissions Below 1GHz

Test Channel	Low	Polarity:	Horizontal
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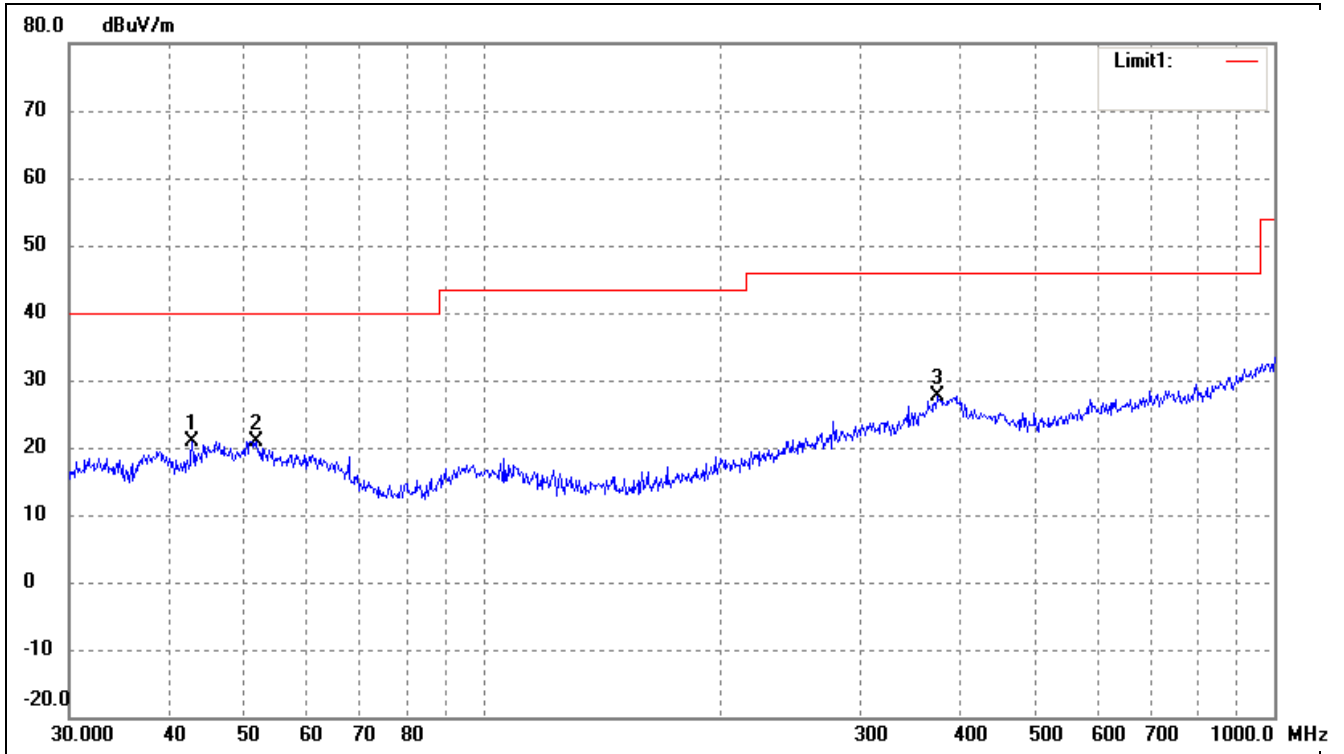
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	43.0504	33.91	-13.17	20.74	40.00	-19.26	207	100	peak
2	108.6470	32.54	-13.95	18.59	43.50	-24.91	222	100	peak
3	393.4723	36.43	-6.69	29.74	46.00	-16.26	81	100	peak

Test Channel	Low	Polarity:	Vertical
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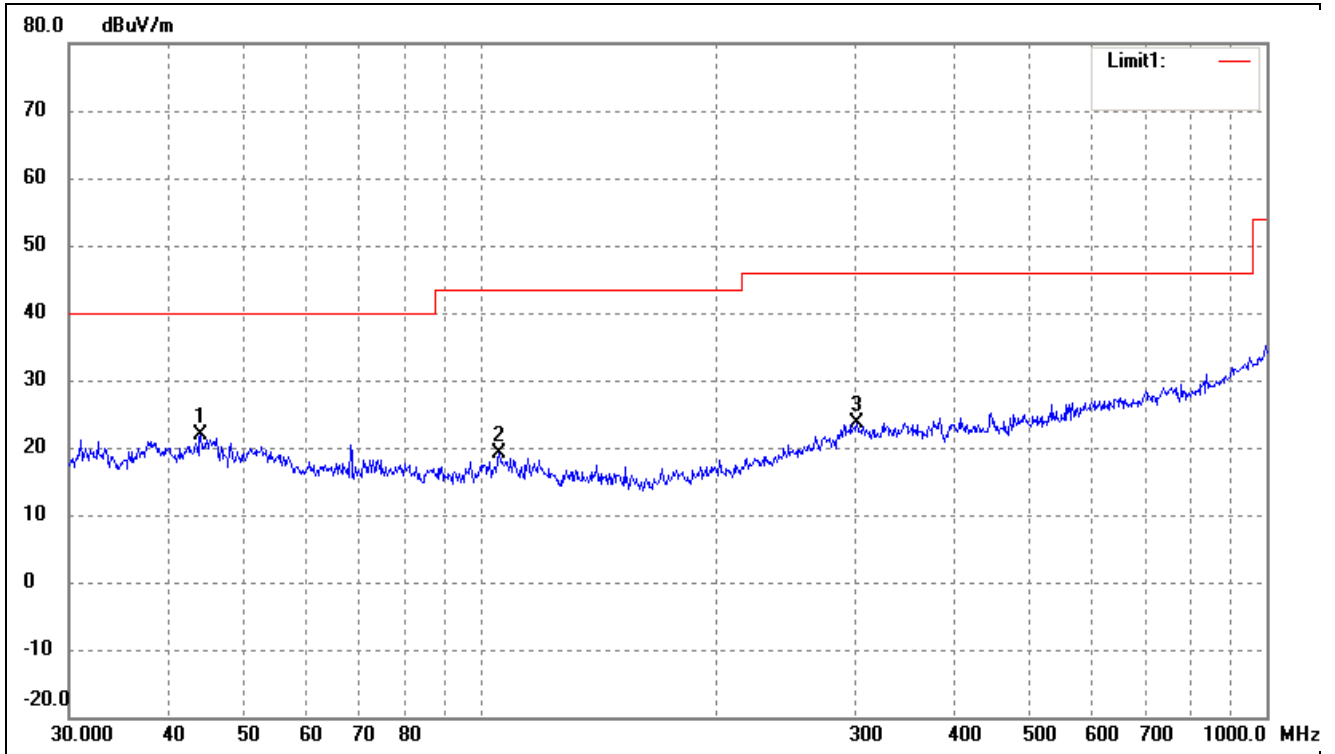
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	46.6664	33.94	-12.87	21.07	40.00	-18.93	285	100	peak
2	93.7685	33.99	-15.51	18.48	43.50	-25.02	150	100	peak
3	334.8589	32.14	-6.66	25.48	46.00	-20.52	53	100	peak

Test Channel	Middle	Polarity:	Horizontal
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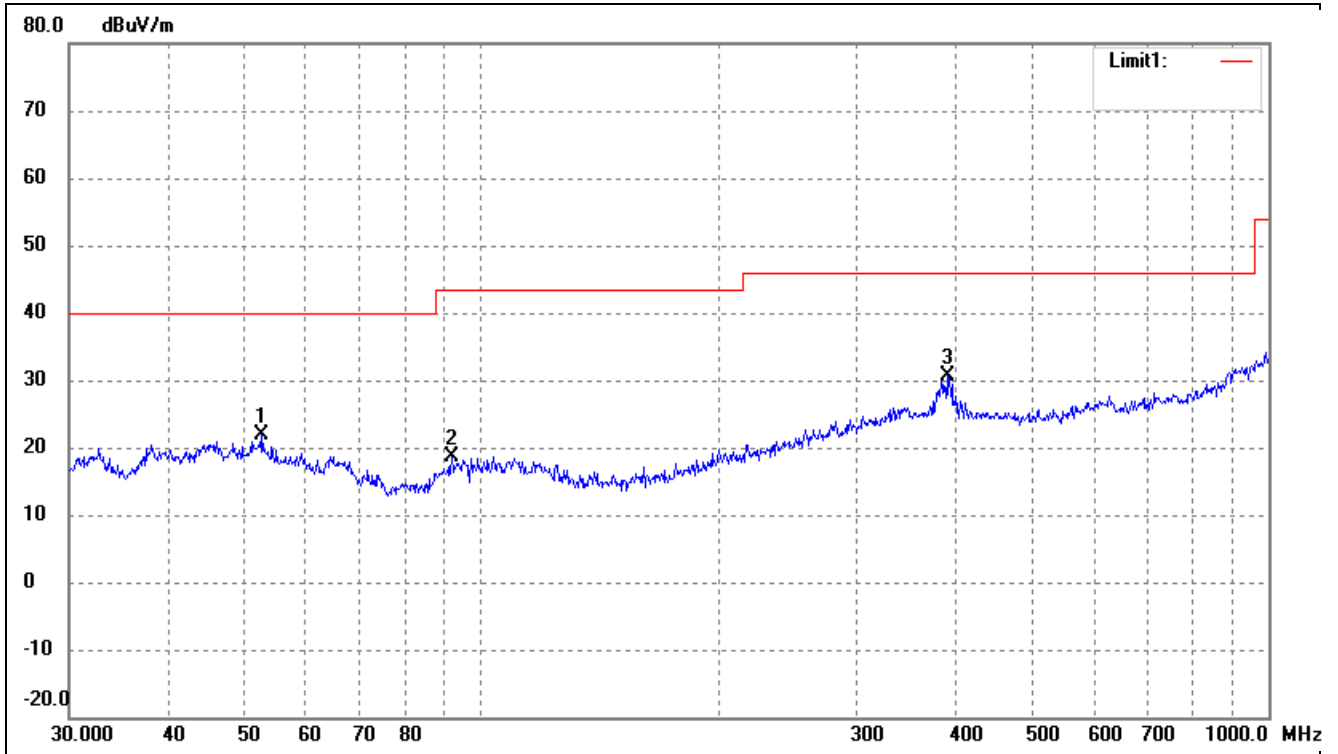
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	42.8997	34.11	-13.18	20.93	40.00	-19.07	144	100	peak
2	51.6615	33.70	-12.82	20.88	40.00	-19.12	176	100	peak
3	374.6225	34.49	-6.83	27.66	46.00	-18.34	63	100	peak

Test Channel	Middle	Polarity:	Vertical
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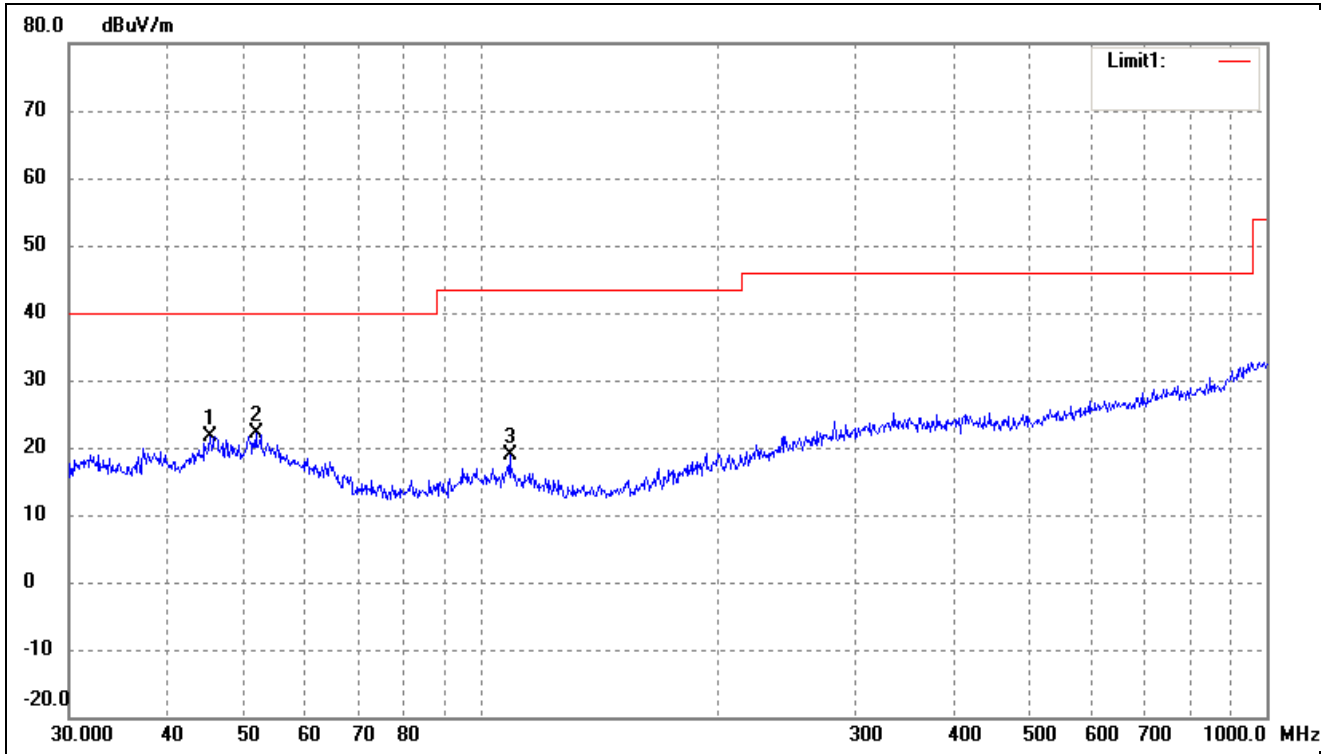
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	44.1201	34.91	-13.03	21.88	40.00	-18.12	99	100	peak
2	105.6414	33.11	-14.03	19.08	43.50	-24.42	174	100	peak
3	301.4223	31.03	-7.40	23.63	46.00	-22.37	109	100	peak

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	52.7599	34.65	-12.87	21.78	40.00	-18.22	164	100	peak
2	91.8162	34.56	-15.98	18.58	43.50	-24.92	139	100	peak
3	390.7225	37.29	-6.78	30.51	46.00	-15.49	101	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	45.3755	34.58	-12.95	21.63	40.00	-18.37	101	100	peak
2	51.8430	35.00	-12.81	22.19	40.00	-17.81	331	100	peak
3	109.0285	32.79	-13.94	18.85	43.50	-24.65	144	100	peak

Spurious Emissions Above 1GHz

Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polar H/V	Detector
Low Channel-5731MHz							
5731	94.15	-1.51	92.64	114	-21.36	H	PK
5731	90.99	-1.51	89.48	94	-4.52	H	AV
11462	55.45	8.91	64.36	74	-9.64	H	PK
11462	40.91	8.97	49.88	54	-4.12	H	AV
5731	94.29	-1.51	92.78	114	-21.22	V	PK
5731	90.90	-1.51	89.39	94	-4.61	V	AV
11462	56.05	8.91	64.96	74	-9.04	V	PK
11462	41.22	8.97	50.19	54	-3.81	V	AV
Middle Channel-5773MHz							
5773	95.69	-1.41	94.28	114	-19.72	H	PK
5773	91.49	-1.41	90.08	94	-3.92	H	AV
11546	54.33	9.00	63.33	74	-10.67	H	PK
11546	40.34	9.00	49.34	54	-4.66	H	AV
5773	94.62	-1.41	93.21	114	-20.79	V	PK
5773	91.33	-1.41	89.92	94	-4.08	V	AV
11546	53.26	9.00	62.26	74	-11.74	V	PK
11546	40.34	9.00	49.34	54	-4.66	V	AV
High Channel-5820MHz							
5820	92.62	-1.29	91.33	114	-22.67	H	PK
5820	89.49	-1.29	88.20	94	-5.80	H	AV
11640	52.67	8.90	61.57	74	-12.43	H	PK
11640	40.27	8.90	49.17	54	-4.83	H	AV
5820	92.04	-1.29	90.75	114	-23.25	V	PK
5820	88.94	-1.29	87.65	94	-6.35	V	AV
11640	53.83	8.90	62.73	74	-11.27	V	PK
11640	40.78	8.90	49.68	54	-4.32	V	AV

Note: Testing is carried out with frequency rang 9kHz to the 40GHz, which above 2th 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

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 5725MHz to 5875MHz, 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	5725	<54 dBuV	Pass
Highest	5875	<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	5725.000	45.19	-1.52	43.67	54.00	-10.33	Ave Detector
	5725.000	58.78	-1.52	57.26	74.00	-16.74	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	5875.000	38.88	-1.25	37.63	54.00	-16.37	Ave Detector
	5875.000	52.05	-1.25	50.80	74.00	-23.20	Peak Detector

6. Emission Bandwidth

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

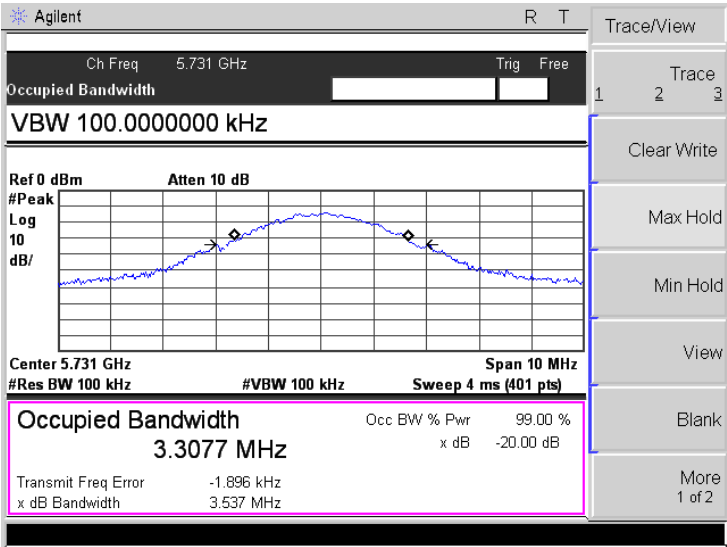
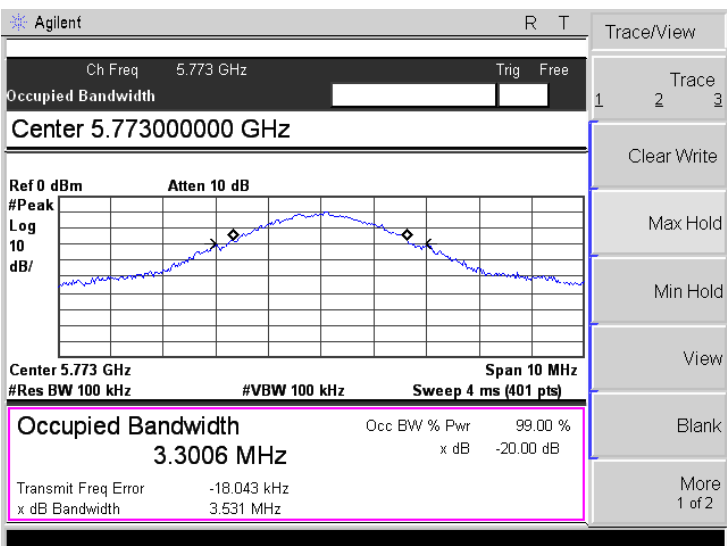
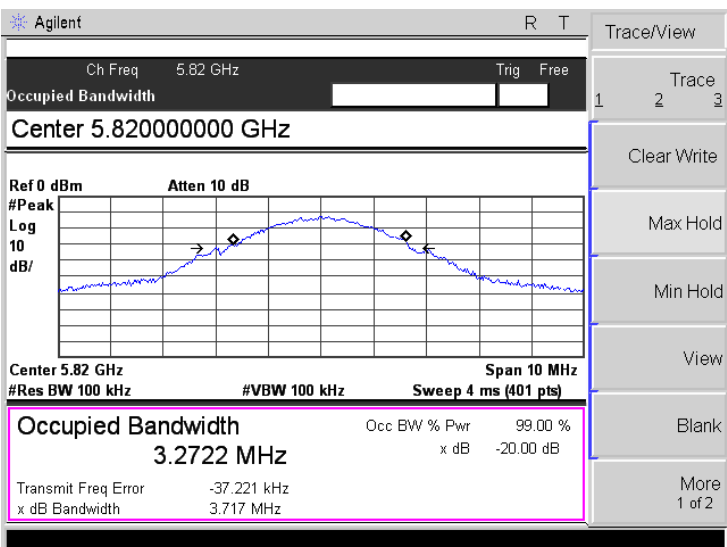
Trace = max hold

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(kHz)
Low Channel	3537
Middle Channel	3531
High Channel	3717

Please refer to the following test plots

<p>Low Channel</p>	 <p>Agilent R T Trace/View</p> <p>Ch Freq 5.731 GHz Trig Free</p> <p>Occupied Bandwidth</p> <p>VBW 100.000000 kHz</p> <p>Ref 0 dBm Atten 10 dB</p> <p>#Peak Log 10 dB/</p> <p>Center 5.731 GHz Span 10 MHz</p> <p>#Res BW 100 kHz #VBW 100 kHz Sweep 4 ms (401 pts)</p> <p>Occupied Bandwidth 3.3077 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -20.00 dB</p> <p>Transmit Freq Error -1.896 kHz x dB Bandwidth 3.537 MHz</p> <p>Trace 1 2 3</p> <p>Clear Write</p> <p>Max Hold</p> <p>Min Hold</p> <p>View</p> <p>Blank</p> <p>More 1 of 2</p>
<p>Middle Channel</p>	 <p>Agilent R T Trace/View</p> <p>Ch Freq 5.773 GHz Trig Free</p> <p>Occupied Bandwidth</p> <p>Center 5.77300000 GHz</p> <p>Ref 0 dBm Atten 10 dB</p> <p>#Peak Log 10 dB/</p> <p>Center 5.773 GHz Span 10 MHz</p> <p>#Res BW 100 kHz #VBW 100 kHz Sweep 4 ms (401 pts)</p> <p>Occupied Bandwidth 3.3006 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -20.00 dB</p> <p>Transmit Freq Error -18.043 kHz x dB Bandwidth 3.531 MHz</p> <p>Trace 1 2 3</p> <p>Clear Write</p> <p>Max Hold</p> <p>Min Hold</p> <p>View</p> <p>Blank</p> <p>More 1 of 2</p>
<p>High Channel</p>	 <p>Agilent R T Trace/View</p> <p>Ch Freq 5.82 GHz Trig Free</p> <p>Occupied Bandwidth</p> <p>Center 5.82000000 GHz</p> <p>Ref 0 dBm Atten 10 dB</p> <p>#Peak Log 10 dB/</p> <p>Center 5.82 GHz Span 10 MHz</p> <p>#Res BW 100 kHz #VBW 100 kHz Sweep 4 ms (401 pts)</p> <p>Occupied Bandwidth 3.2722 MHz</p> <p>Occ BW % Pwr 99.00 % x dB -20.00 dB</p> <p>Transmit Freq Error -37.221 kHz x dB Bandwidth 3.717 MHz</p> <p>Trace 1 2 3</p> <p>Clear Write</p> <p>Max Hold</p> <p>Min Hold</p> <p>View</p> <p>Blank</p> <p>More 1 of 2</p>

7. Conducted Emissions

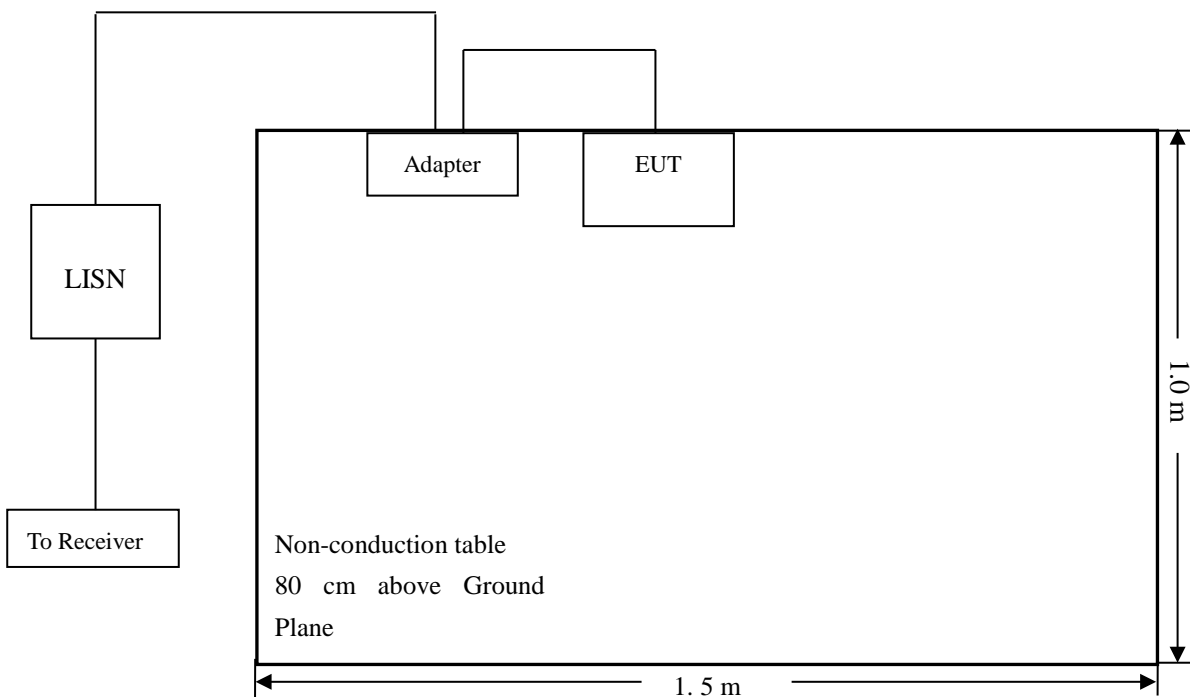
7.1 Test Procedure

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



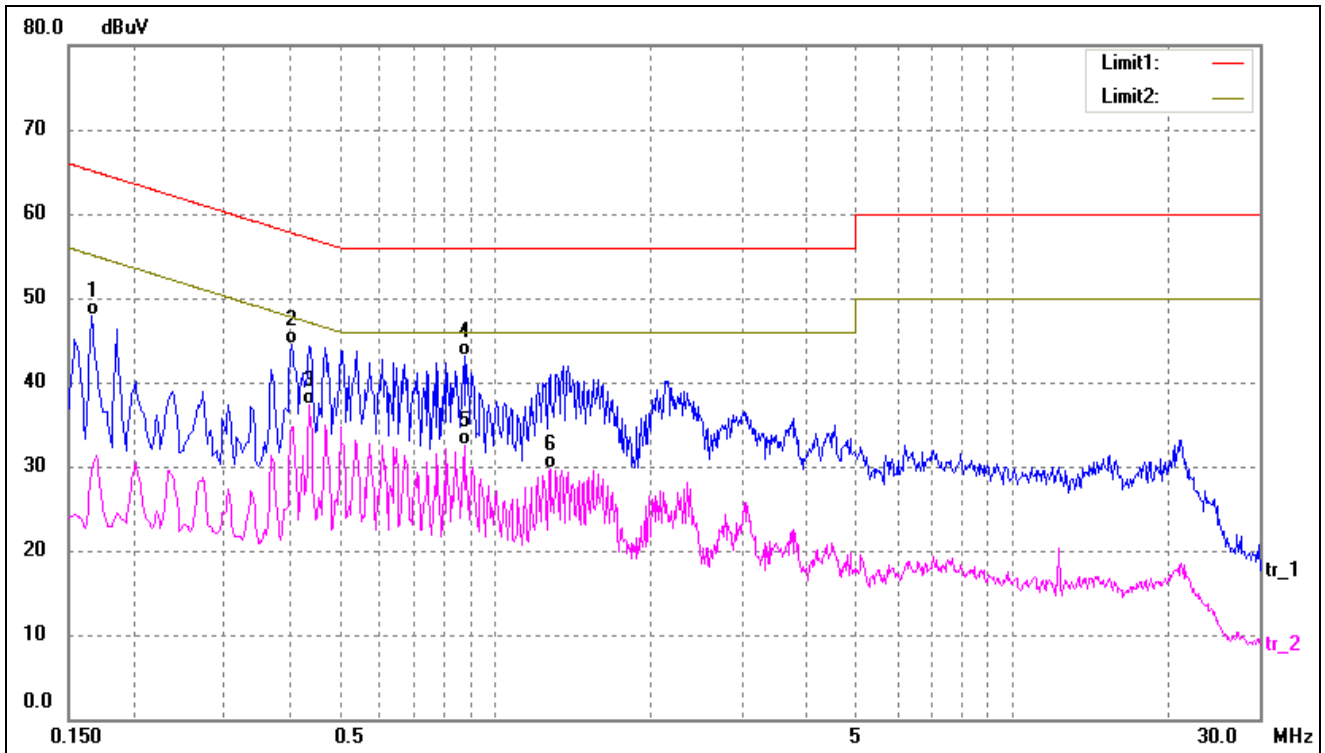
7.3 Test Receiver Setup

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

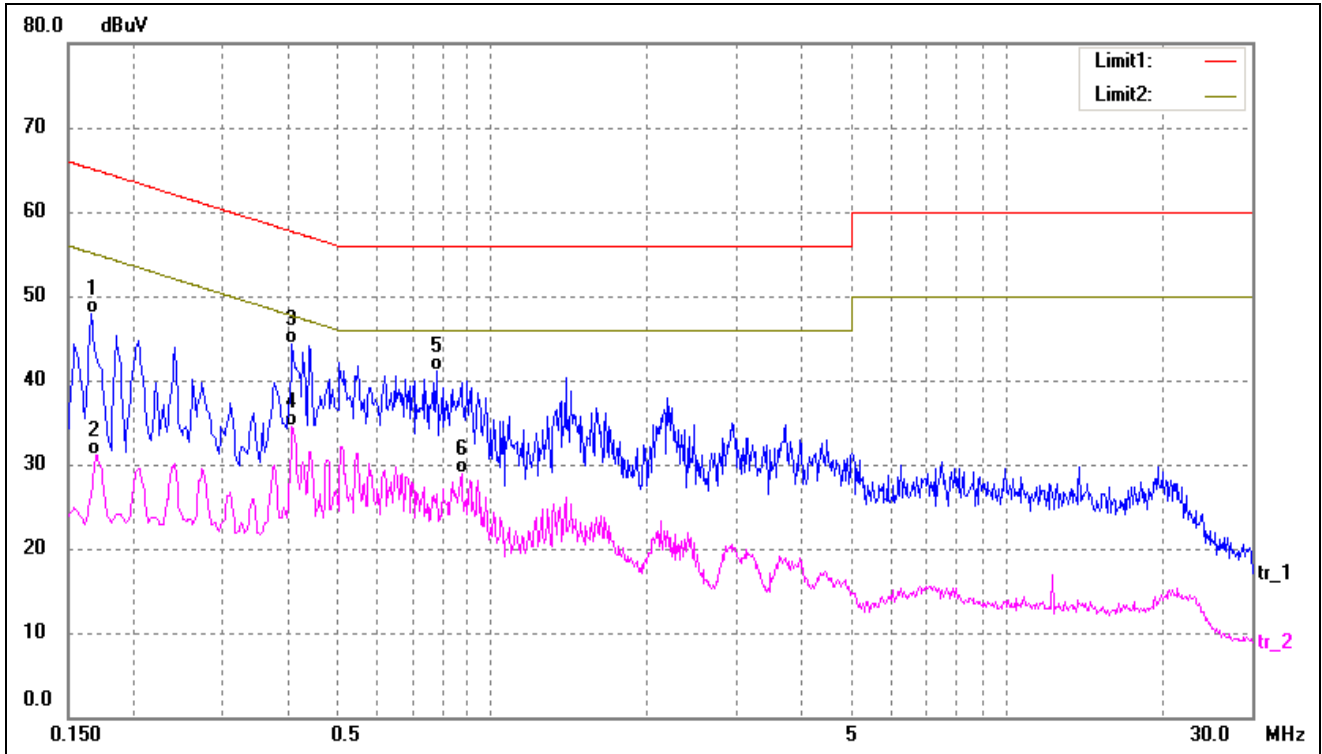
7.4 Summary of Test Results/Plots

Test Mode	Communication	AC120V 60Hz	Polarity:	Neutral
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1660	37.76	10.11	47.87	65.16	-17.29	QP
2	0.4060	34.32	10.25	44.57	57.73	-13.16	QP
3*	0.4380	27.06	10.27	37.33	47.10	-9.77	AVG
4	0.8740	32.71	10.45	43.16	56.00	-12.84	QP
5	0.8740	21.98	10.45	32.43	46.00	-13.57	AVG
6	1.2780	19.18	10.53	29.71	46.00	-16.29	AVG

Test Mode	Communication	AC120V 60Hz	Polarity:	Line
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1660	37.79	10.11	47.90	65.15	-17.25	QP
2	0.1700	21.07	10.11	31.18	54.96	-23.78	AVG
3	0.4100	33.97	10.25	44.22	57.65	-13.43	QP
4*	0.4100	24.29	10.25	34.54	47.65	-13.11	AVG
5	0.7820	30.59	10.42	41.01	56.00	-14.99	QP
6	0.8740	18.38	10.45	28.83	46.00	-17.17	AVG

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