ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT
INTENTIONAL RADIATOR CERTIFICATION TO FCC PART 15 SUBPART B &C REQUIREMENT

OF

LED Floodlight

MODEL No.: I1045W/US,I1045B/US,I1046W/US,I1046B/US

FCC ID: 2AG2F-I1045WUS

REPORT NO: ES151224019E

ISSUE DATE: December 25, 2015

Prepared for
Deta Electrical Company Limited,trading as Brackenheath Briticent
Kingsway House 2-8 Laporte Way Luton Bedfordshire LU4 8RJ United Kingdom

Prepared by
EMTEK (SHENZHEN) CO., LTD.
Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China
Tel: +86-755-26954280
Fax: +86-755-26954282

VERIFICATION OF COMPLIANCE

Applicant:	Deta Electrical Company Limited,trading as Brackenheath Briticent Kingsway House 2-8 Laporte Way Luton Bedfordshire LU4 8RJ United Kingdom
Product Description:	LED Floodlight
Model Number:	I1045W/US,I1045B/US,I1046W/US,I1046B/US (Note: The models of I1045W/US,I1045B/US,I1046W/US,I1046B/US have same parts, components and specifications/functions. The difference is color temperature and color of lamp shell. We prepared model I1045W/US for test.)
File Number:	ES151224019E
Date of Test:	December 10, 2015 to December 24, 2015

We hereby certify that:

The above equipment was tested by EMTEK (SHENZHEN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10(2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15.249(2014).

The test results of this report relate only to the tested sample identified in this report.

Date of Test : December 10, 2015 to December 24, 2015

Prepared by : Jack Li/Editor

Reviewer : Joe Xia/Supervisor

Approve & Authorized Signer : Lisa Wang/Manager

TABLE OF CONTENTS

1. GENERAL INFORMATION

1.1.Product Description

The EUT is a short range, lower power, Details of technical specification, refers to the description in follows:

a. Operating frequency: 5752.57MHz
b. Number of Channel: 1
c. Antenna Designation: PCB antenna
d. Modulation: FSK
e. Antenna Gain: 0dbm
f. Power Supply: 100-240V/AC, 50/60Hz

1.2.Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: 2AG2F-I1045WUS filing to comply with Section 15.249 of the FCC Part 15 Subpart C Rules.

1.3.Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.10-2013. Radiated testing was performed at an antenna to EUT distance 3 meters.

1.4.Special Accessories

Not available for this EUT intended for grant.

1.5.Equipment Modifications

Not available for this EUT intended for grant.

1.6.Test Facility

Site Description		
EMC Lab.	:	Accredited by CNAS, 2013.10.29 The certificate is valid until 2016.10.29 The Laboratory has been assessed and proved to be in compliance with CNAS-CL01:2006(identical to ISO/IEC17025:2005) The Certificate Registration Number is L2291. Accredited by TUV Rheinland Shenzhen 2010.5.25 The Laboratory has been assessed according to the requirements ISO/IEC 17025. Accredited by FCC, April 17, 2013 The Certificate Registration Number is 406365. Accredited by Industry Canada, November 29, 2012 The Certificate Registration Number is 46405-4480.
Name of Firm	:	EMTEK (SHENZHEN) CO., LTD
Site Location	:	Bldg 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China

1.7.Measurement Uncertainty

Conducted Emission Uncertainty	:	2.96dB(9k~150kHz Conduction 1#) 2.74dB(150k-30MHz Conduction 1#)
Radiated Emission Uncertainty (3m Chamber)	:	3.78dB (30M~1GHz Polarize: H) 4.27dB (30M~1GHz Polarize: V) 4.46dB (1~6GHz) 4.96dB (6~40GHz)

2. SYSTEM TEST CONFIGURATION

2.1.EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2.EUT Exercise

The EUT (LED Lamp) has been tested under Normal Operating and standby condition. No software used to control the EUT for staying in continuous transmitting and receiving mode for testing.

2.3.Requirement for Compliance

2.3.1.Conducted Emissions (Not apply in the report)

According to §15.207, For intentional radiator device is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μH/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal.

Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50
Note: 1. The lower limit shall apply at the transition frequencies 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.		

2.3.2.Radiated Emissions

(a) FCC Part 15, Subpart C Section 15.209 limit of radiated emission for frequency below 1000GHz. The emissions from an intentional radiator shall not exceed the field strength level specified in the following table:

Frequency (MHz)	Field strength μV/m	Distance(m)	Field strength at 3m dBμV/m
30-88	100	3	40.0
88-216	150	3	43.5
216-960	200	3	46.0
Above 960	500	3	54.0
Remark: 1. Emission level in dBuV/m=20 log (uV/m) 2. Measurement was performed at an antenna to the closed point of EUT distance of meters.			

(b) FCC Part 15, Section 15.35(b) limit of radiated emission for frequency above 1000MHz

Frequency(MHz)	dBμV/m(at 3m)	
	PEAK	AVERAGE
Above 1000	74.0	54.0

(c) FCC Part 15, Subpart C Section 15.249(a). The field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Frequency(MHz)	Filed Strength of Fundamental(at 3m)		Filed Strength of Harmonics (at 3m)	
	PEAK	AVERAGE	PEAK	AVERAGE
902-928	114.0	94.0	74.0	54.0
2400-2483.5	114.0	94.0	74.0	54.0
5725-5875	114.0	94.0	74.0	54.0
24000-24250	128.0	108.0	88.0	68.0

(d) Band edge

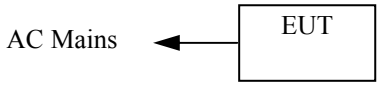
Emission radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in section 15.209, whichever is the lesser attenuation.

Frequency Range(MHz)	Limit(dBuV/m)	
	Peak	AV
902-928	74.0	54.0
2400-2483.5		
5725-5850		
24000-24250		

2.3.3.Antenna Requirement

For intentional device, according to §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.

2.4.Configuration of Tested System



2.5.Description of support units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
1.	LED Floodlight	N/A	I1045W/US	2AG2F-I1045WUS	N/A	EUT
Note: Unless otherwise denoted as EUT in『Remark』column , device(s) used in tested system is a support equipment.						

3. SUMMARY OF TEST RESULTS

FCC Rules	Description Of Test	Result
§ 15.249(a), § 15.249(d) § 15.249(e), § 15.209	Radiated Emission	Compliant
§15.207	Conducted Emission	Compliant
§15.249	Band Edge	Compliant
§15.203	Antenna Requirement	Compliant

4. DESCRIPTION OF TEST MODES

Continuously operating mode

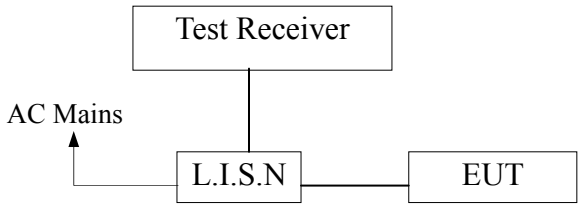
Test Mode	Frequency(MHz)
TX	5752.57
\	\

5. CONDUCTED EMISSIONS TEST

5.1.Measurement Procedure

a. The EUT was placed on a table which is 0.8m above ground plane.
b. Maximum procedure was performed on the three highest emissions to ensure EUT compliance.
c. Repeat above procedures until all frequency measured were complete.

5.2.Measurement Equipment Used:

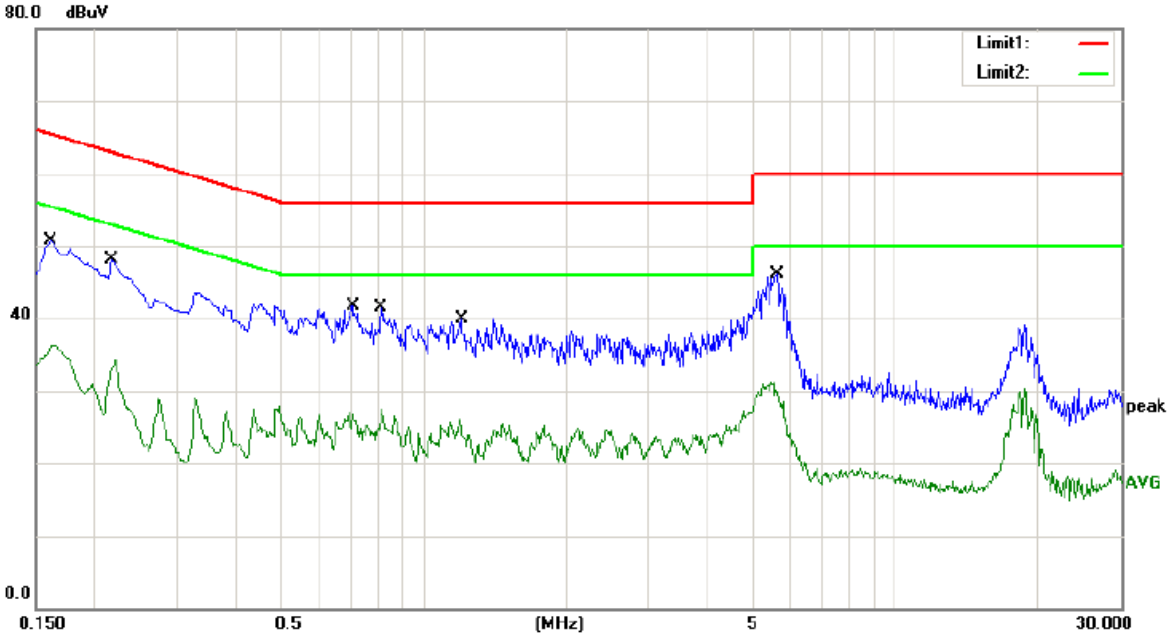


5.3.Measurement Equipment Used

EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	Last Cal.	Cal. Interval
Test Receiver	Rohde & Schwarz	ESCS30	828985/018	05/16/2015	1 Year
L.I.S.N.	Rohde & Schwarz	ENV216	101161	05/16/2015	1 Year
50Ω Coaxial Switch	Anritsu	MP59B	M20531	05/16/2015	1 Year
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	05/16/2015	1 Year

5.4.Measurement Equipment Used

Pass.
Please refer to the following data.



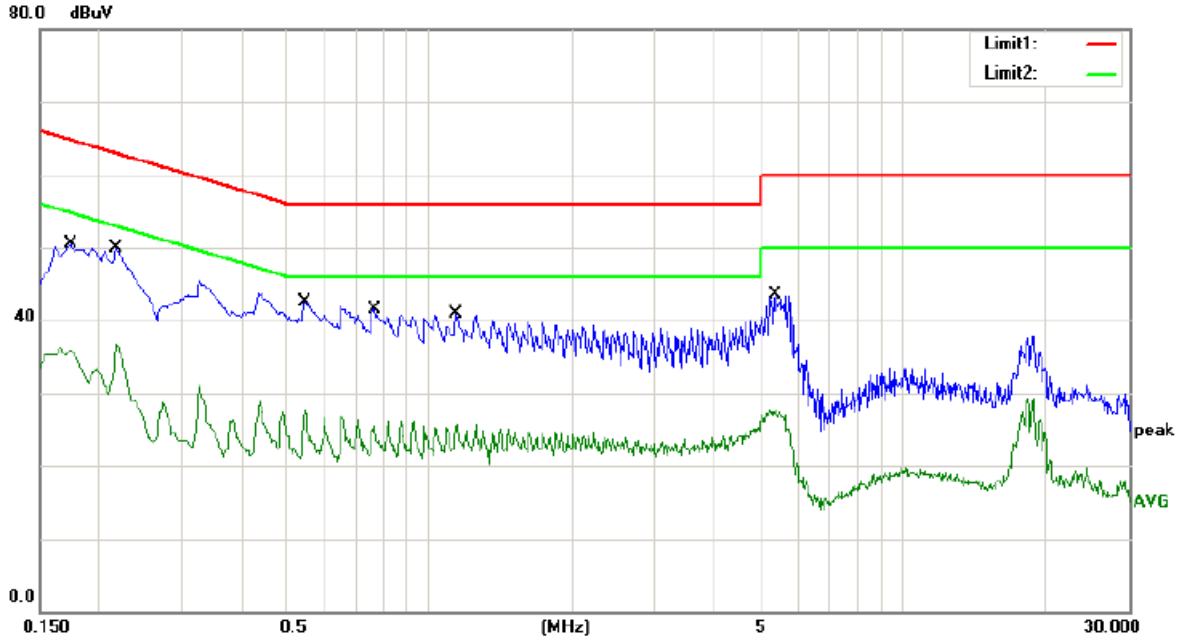
Site site #1 Phase: L1 Temperature: 22

Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %

Mode: ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1620	39.80	11.00	50.80	65.36	-14.56	QP	
2		0.1620	25.20	11.00	36.20	55.36	-19.16	AVG	
3		0.2180	37.00	11.00	48.00	62.89	-14.89	QP	
4		0.2180	22.10	11.00	33.10	52.89	-19.79	AVG	
5		0.7100	30.70	11.00	41.70	56.00	-14.30	QP	
6		0.7100	15.30	11.00	26.30	46.00	-19.70	AVG	
7		0.8100	30.40	11.00	41.40	56.00	-14.60	QP	
8		0.8100	15.10	11.00	26.10	46.00	-19.90	AVG	
9		1.1980	28.80	11.00	39.80	56.00	-16.20	QP	
10		1.1980	12.80	11.00	23.80	46.00	-22.20	AVG	
11	*	5.5960	35.00	11.00	46.00	60.00	-14.00	QP	
12		5.5960	18.90	11.00	29.90	50.00	-20.10	AVG	



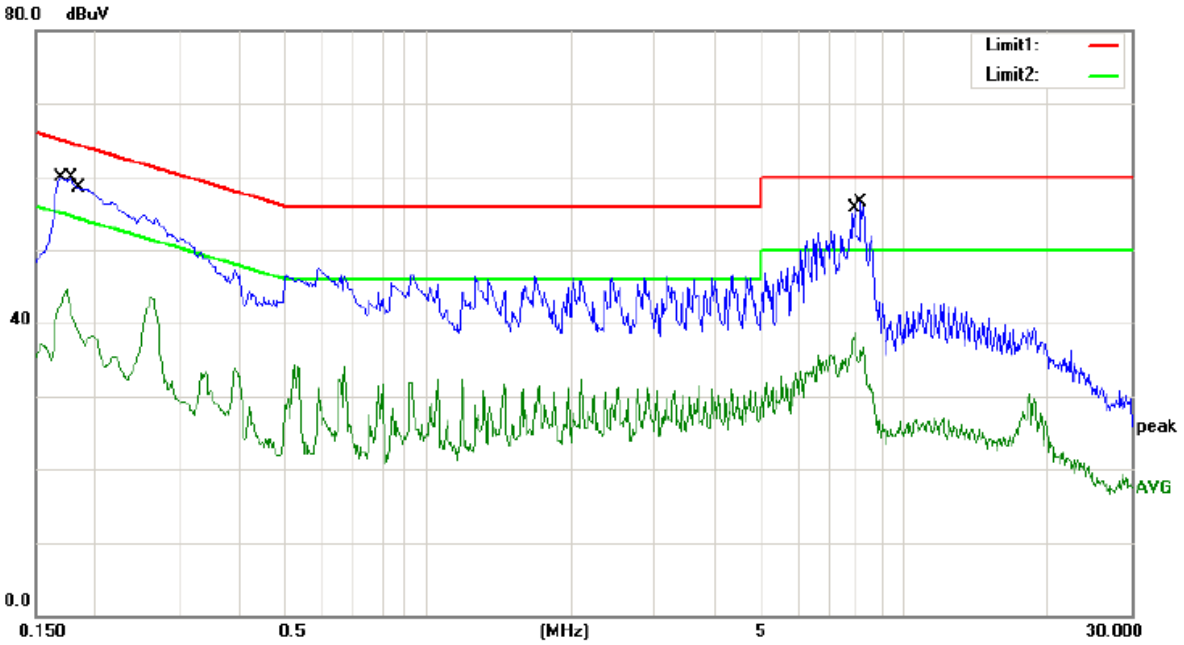
Site site #1 Phase: N Temperature: 22

Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %

Mode: ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1740	39.50	11.00	50.50	64.77	-14.27	QP	
2		0.1750	24.80	11.00	35.80	54.72	-18.92	AVG	
3	*	0.2180	38.80	11.00	49.80	62.89	-13.09	QP	
4		0.2180	25.60	11.00	36.60	52.89	-16.29	AVG	
5		0.5460	31.50	11.00	42.50	56.00	-13.50	QP	
6		0.5460	16.70	11.00	27.70	46.00	-18.30	AVG	
7		0.7660	30.50	11.00	41.50	56.00	-14.50	QP	
8		0.7660	14.40	11.00	25.40	46.00	-20.60	AVG	
9		1.1380	29.90	11.00	40.90	56.00	-15.10	QP	
10		1.1380	14.50	11.00	25.50	46.00	-20.50	AVG	
11		5.3720	32.50	11.00	43.50	60.00	-16.50	QP	
12		5.3720	16.70	11.00	27.70	50.00	-22.30	AVG	



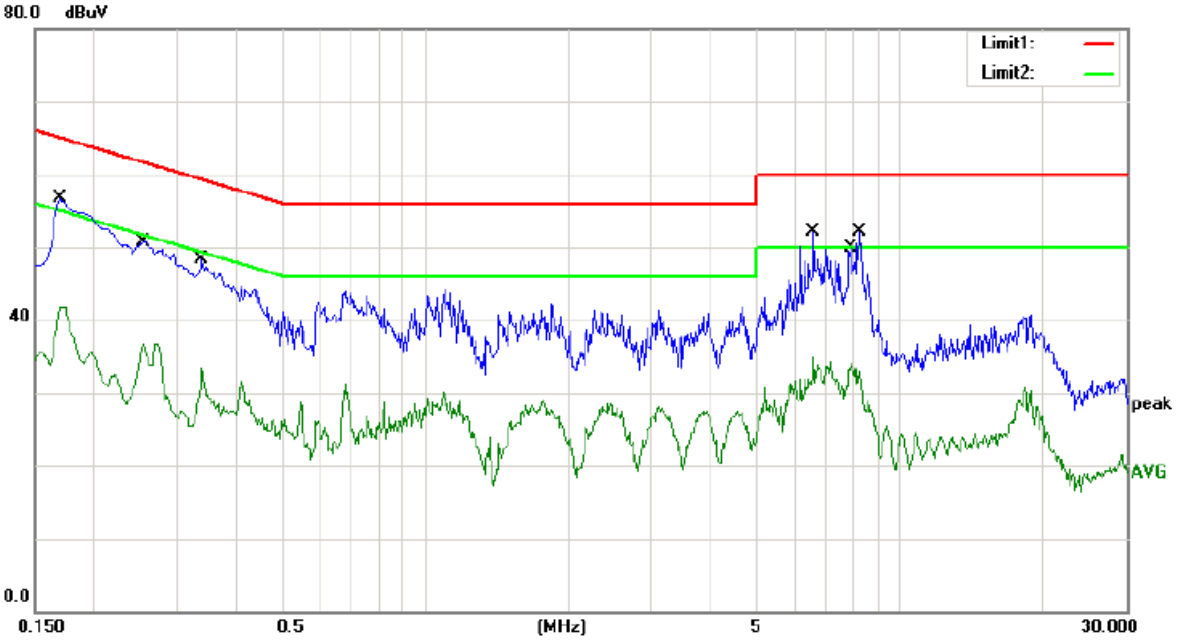
Site site #1 Phase: N Temperature: 22

Limit: (CE)FCC PART 15 class B_QP Power: AC 240V/60Hz Humidity: 50 %

Mode: ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1700	47.10	11.00	58.10	64.96	-6.86	QP	
2		0.1700	33.10	11.00	44.10	54.96	-10.86	AVG	
3		0.1780	46.00	11.00	57.00	64.58	-7.58	QP	
4		0.1780	30.60	11.00	41.60	54.58	-12.98	AVG	
5		0.1864	45.10	11.00	56.10	64.20	-8.10	QP	
6		0.1864	26.60	11.00	37.60	54.20	-16.60	AVG	
7		7.8760	39.70	11.00	50.70	60.00	-9.30	QP	
8		7.8760	25.70	11.00	36.70	50.00	-13.30	AVG	
9		8.1280	40.40	11.00	51.40	60.00	-8.60	QP	
10		8.1280	23.70	11.00	34.70	50.00	-15.30	AVG	
11		8.2240	39.90	11.00	50.90	60.00	-9.10	QP	
12		8.2240	23.80	11.00	34.80	50.00	-15.20	AVG	



Site site #1 Phase: *L1* Temperature: 22

Limit: (CE)FCC PART 15 class B_QP Power: AC 240V/60Hz Humidity: 50 %

Mode: ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1700	45.60	11.00	56.60	64.96	-8.36	QP	
2		0.1700	30.70	11.00	41.70	54.96	-13.26	AVG	
3		0.2540	39.70	11.00	50.70	61.63	-10.93	QP	
4		0.2540	25.60	11.00	36.60	51.63	-15.03	AVG	
5		0.3380	37.30	11.00	48.30	59.25	-10.95	QP	
6		0.3380	22.40	11.00	33.40	49.25	-15.85	AVG	
7		6.5760	41.00	11.00	52.00	60.00	-8.00	QP	
8		6.5760	23.80	11.00	34.80	50.00	-15.20	AVG	
9		7.8720	38.80	11.00	49.80	60.00	-10.20	QP	
10		7.8720	23.10	11.00	34.10	50.00	-15.90	AVG	
11	*	8.2080	41.10	11.00	52.10	60.00	-7.90	QP	
12		8.2080	21.89	11.00	32.89	50.00	-17.11	AVG	

6. RADIATED EMISSION TEST

6.1.Measurement Procedure

d. All measurements were made at 3 meters.
e. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3m meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
f. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

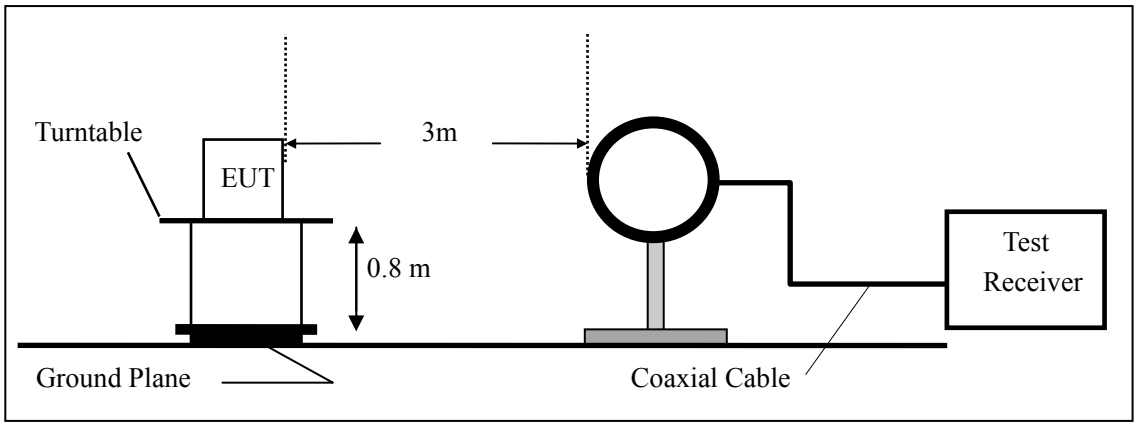
The frequency range from 30MHz to 1000MHz was pre-scanned with a peak detector (RBW=100kHz, VBW=300kHz) and all final readings of measurement from Test Receiver are Quasi-Peak values(Quasi Peak detector used with a bandwidth of 120 kHz).
The frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

6.2.Measurement Equipment Used:

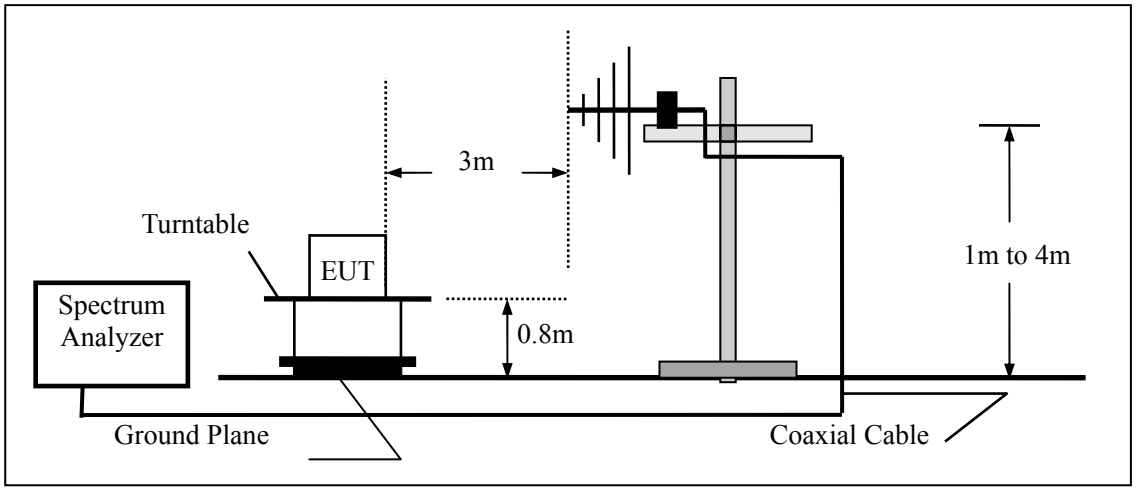
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	Last Cal.	Cal. Interval
EMI Test Receiver	Rohde & Schwarz	ESCI	101414	May 16, 2015	1 Year
EMI Test Receiver	Rohde & Schwarz	FSV40	132.1-3008K39-10 0967-AP	May 16, 2015	1 Year
Loop Antenna	Schwarzbeck	FMZB 1519	1519-012	May 16, 2015	1 Year
Bilog Antenna	Schwarzbeck	VULB9163	660	May 16, 2015	1 Year
Horn Antenna	Schwarzbeck	BBHA 9120	1178	May 16, 2015	1 Year
Horn Antenna	Schwarzbeck	BBHA 9170	RS1307229170547	May 16, 2015	1 Year
Horn Antenna	AHS/USA	SAS-573	184	May 16, 2015	1 Year
Pre-Amplifier	LUNAR-EM	LNA30M3G-25	J10100000071	May 16, 2015	1 Year
Pre-Amplifier	Lunar EM	LNA1G18-48	J1011131010001	May 16, 2015	1 Year
Pre-Amplifier	Lunar EM	LNA18G26-40	J1012131010001	May 16, 2015	1 Year
Pre-Amplifier	Lunar EM	LNA26G40-40	J1013131028001	May 16, 2015	1 Year
Cable	H+B	NmSm-2-C15201	\	May 16, 2015	1 Year
Cable	H+B	NmNm-7-C15702	\	May 16, 2015	1 Year
Cable	H+B	NmSm-05-C15052	\	May 16, 2015	1 Year
Cable	H+B	SUCOFLEX104	MY14871/4	May 16, 2015	1 Year
Cable	H+B	BLU18A-NmSm-6500	D8501	May 16, 2015	1 Year
Cable	A.H	SAC-40G-1	414	May 16, 2015	1 Year
Cable	A.H	SAC-40G-1	413	May 16, 2015	1 Year

6.3.Test SET-UP

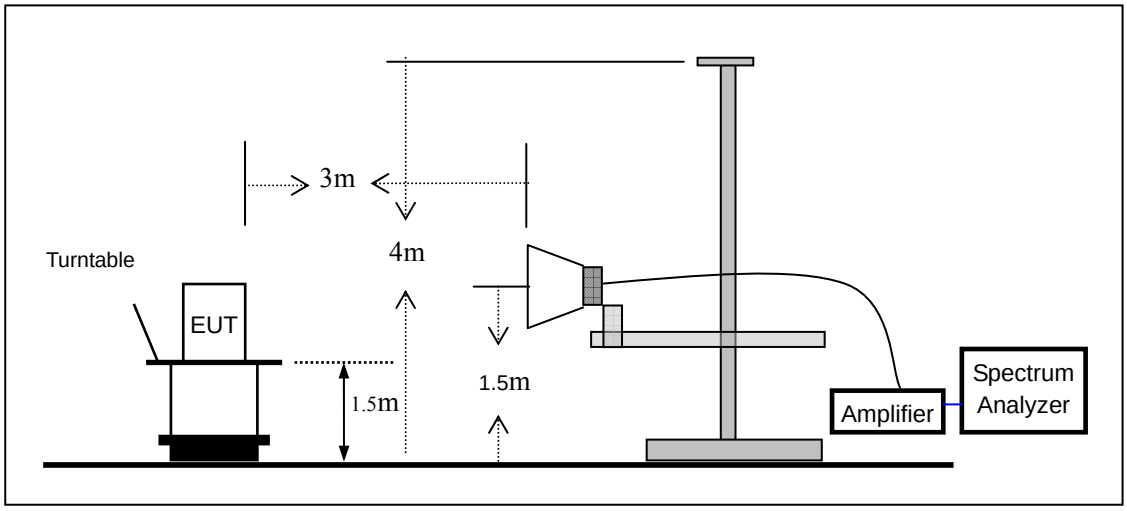
(a) Radiated Emission Test Set-Up, Frequency Below 30MHz



(b) Radiated Emission Test Set-Up, Frequency Below 1000MHz

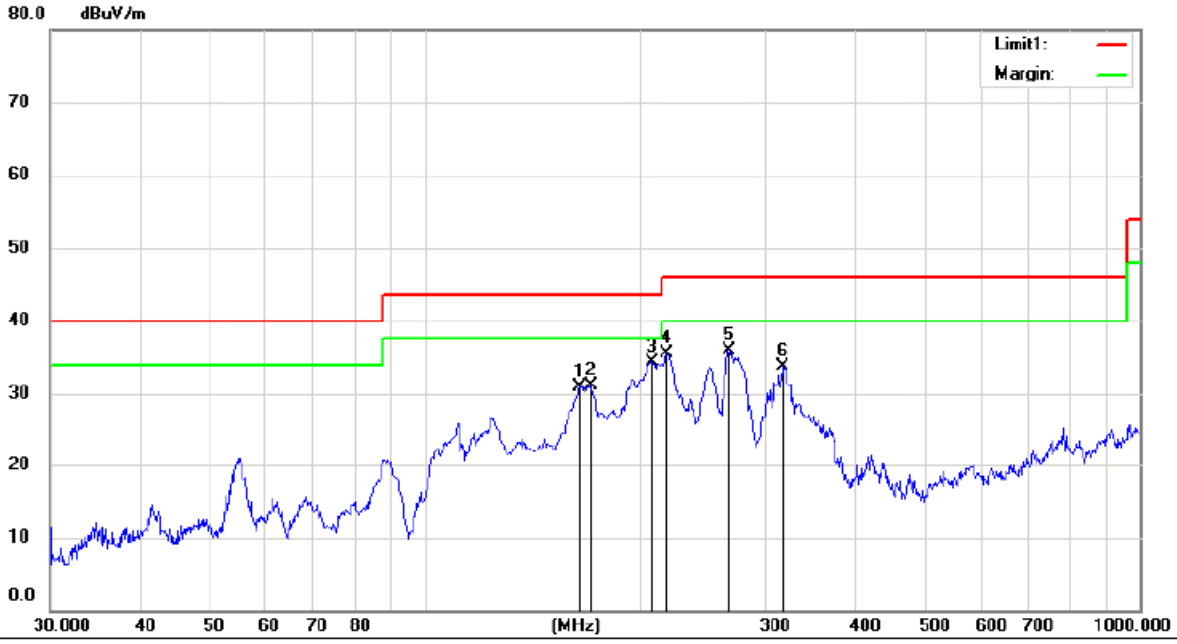


(c) Radiated Emission Test Set-Up, Frequency Above 1000MHz



6.4.Radiated Measurement Result

30MHz-1GHz:



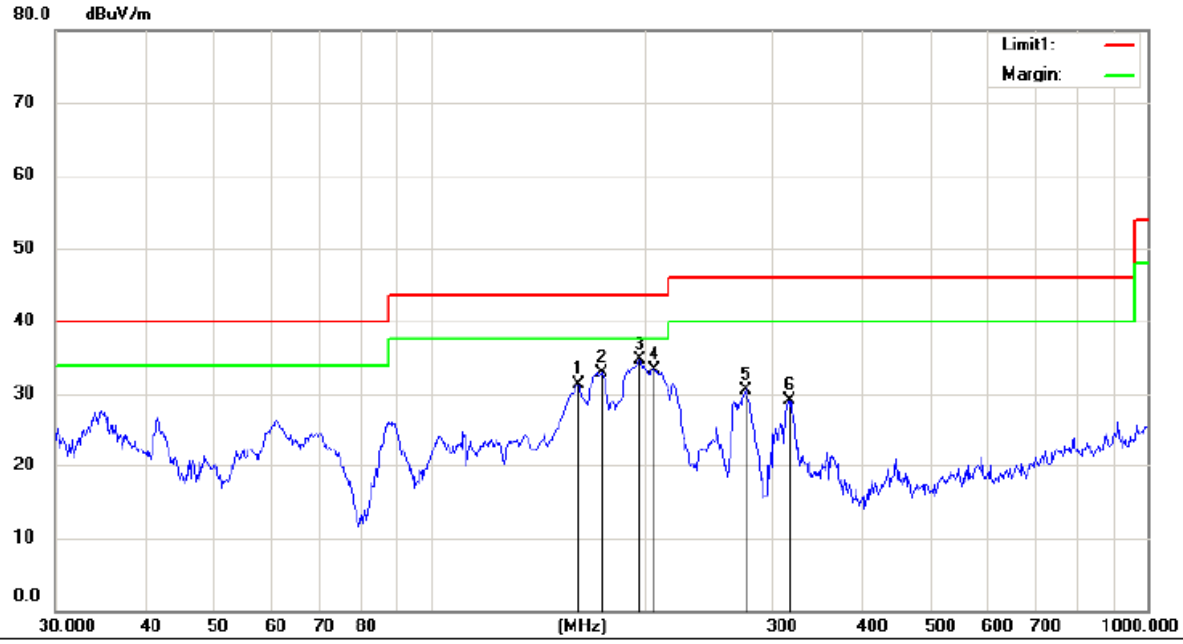
Site site #1 Polarization: *Horizontal* Temperature: 20 C

Limit: FCC Part15 Class B 3M Radiation Power: AC 120V/60Hz Humidity: 52 %

Mode:ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		164.9075	56.44	-25.54	30.90	43.50	-12.60	QP			
2		170.7926	56.27	-25.17	31.10	43.50	-12.40	QP			
3	*	208.5803	56.91	-22.51	34.40	43.50	-9.10	QP			
4		218.3085	57.72	-22.22	35.50	46.00	-10.50	QP			
5		266.6090	56.26	-20.26	36.00	46.00	-10.00	QP			
6		317.7011	52.02	-18.22	33.80	46.00	-12.20	QP			



Site site #1 Polarization: *Vertical* Temperature: 20 C

Limit: FCC Part15 Class B 3M Radiation Power: AC 120V/60Hz Humidity: 52 %

Mode:ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		160.9090	56.94	-25.54	31.40	43.50	-12.10	QP			
2		173.2051	57.86	-24.96	32.90	43.50	-10.60	QP			
3	*	195.8220	56.53	-21.83	34.70	43.50	-8.80	QP			
4		205.6751	55.63	-22.23	33.40	43.50	-10.10	QP			
5		275.1570	49.93	-19.33	30.60	46.00	-15.40	QP			
6		317.7011	47.32	-18.22	29.10	46.00	-16.90	QP			

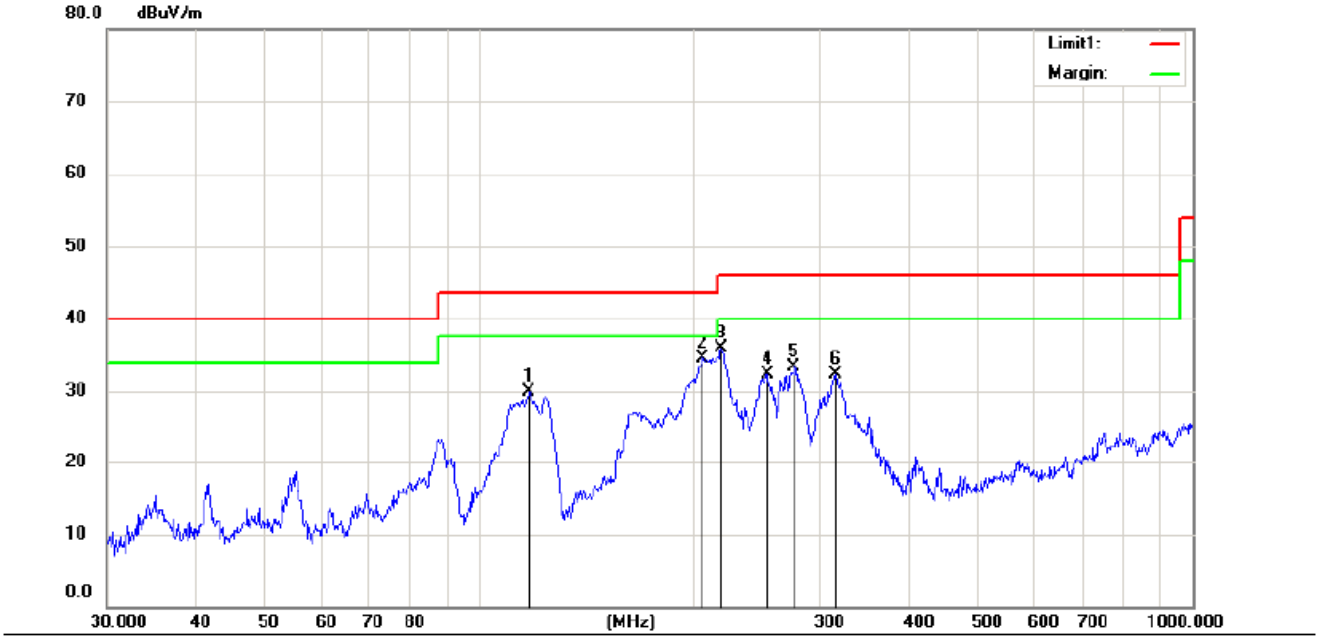
Site site #1 Polarization: *Vertical* Temperature: 20 C

Limit: FCC Part15 Class B 3M Radiation Power: AC 240V/60Hz Humidity: 52 %

Mode:ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		35.1278	53.40	-22.50	30.90	40.00	-9.10	QP			
2		41.7130	48.02	-20.32	27.70	40.00	-12.30	QP			
3		88.9640	53.00	-23.70	29.30	43.50	-14.20	QP			
4		188.4125	56.51	-22.71	33.80	43.50	-9.70	QP			
5		195.1365	56.30	-21.70	34.60	43.50	-8.90	QP			
6	*	204.9551	56.86	-22.16	34.70	43.50	-8.80	QP			



Site site #1 Polarization: *Horizontal* Temperature: 20 C

Limit: FCC Part15 Class B 3M Radiation Power: AC 240V/60Hz Humidity: 52 %

Mode:ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		117.3603	52.98	-23.08	29.90	43.50	-13.60	QP			
2	*	205.6751	56.83	-22.23	34.60	43.50	-8.90	QP			
3		218.3085	58.12	-22.22	35.90	46.00	-10.10	QP			
4		252.9482	53.77	-21.44	32.33	46.00	-13.67	QP			
5		276.1235	52.75	-19.35	33.40	46.00	-12.60	QP			
6		315.4808	50.69	-18.39	32.30	46.00	-13.70	QP			

Above 1GHz:

Operation Mode:	TX	Test Date :	December 17, 2015
Frequency Range:	1000-40000MHz	Temperature :	21 ℃
Test Result:	PASS	Humidity :	55 %
Measured Distance:	3m	Test By:	YH

Freq. (MHz)	Ant.Pol.	Emission Level (dBuV)		Limit 3m (dBuV/m)		Margin(dB)	
	H/V	PK	AV	PK	AV	PK	AV
7562.000	V	48.81	33.10	74.00	54.00	-25.19	-20.90
10401.000	V	49.98	34.60	74.00	54.00	-24.02	-19.40
12169.000	V	51.56	36.50	74.00	54.00	-22.44	-17.50
14209.000	V	52.73	37.20	74.00	54.00	-21.27	-16.80
14940.000	V	54.27	40.50	74.00	54.00	-19.73	-13.50
16878.000	V	53.72	38.90	74.00	54.00	-20.28	-15.10
--	--	--	--	--	--	--	--
7392.000	H	45.47	30.20	74.00	54.00	-28.53	-23.80
8973.000	H	47.48	32.60	74.00	54.00	-26.52	-21.40
10962.000	H	49.28	34.10	74.00	54.00	-24.72	-19.90
12951.000	H	51.27	36.80	74.00	54.00	-22.73	-17.20
14328.000	H	51.22	36.90	74.00	54.00	-22.78	-17.10
15994.000	H	51.17	36.50	74.00	54.00	-22.83	-17.50
--	--	--	--	--	--	--	--

Note: (1) All Readings are Peak Value and AV.

(2) Emission Level= Reading Level+Probe Factor +Cable Loss

(3) The average measurement was not performed when the peak measured data under the limit of average detection.

(4)Data of measurement within this frequency range shown " --" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured

7. BAND EDGES MEASUREMENT

7.1. Standard Applicable

According to 15.249(d), out band emission except for harmonics shall be comply with §15.209 or at least attenuated by 50 dB below the level of the fundamental.

7.2. Measurement Procedure

Same as 6.1 Radiated Emission Measurement.

7.3. Measurement Equipment

Same as 6.2 Radiated Emission Measurement.

7.4. Test Setup

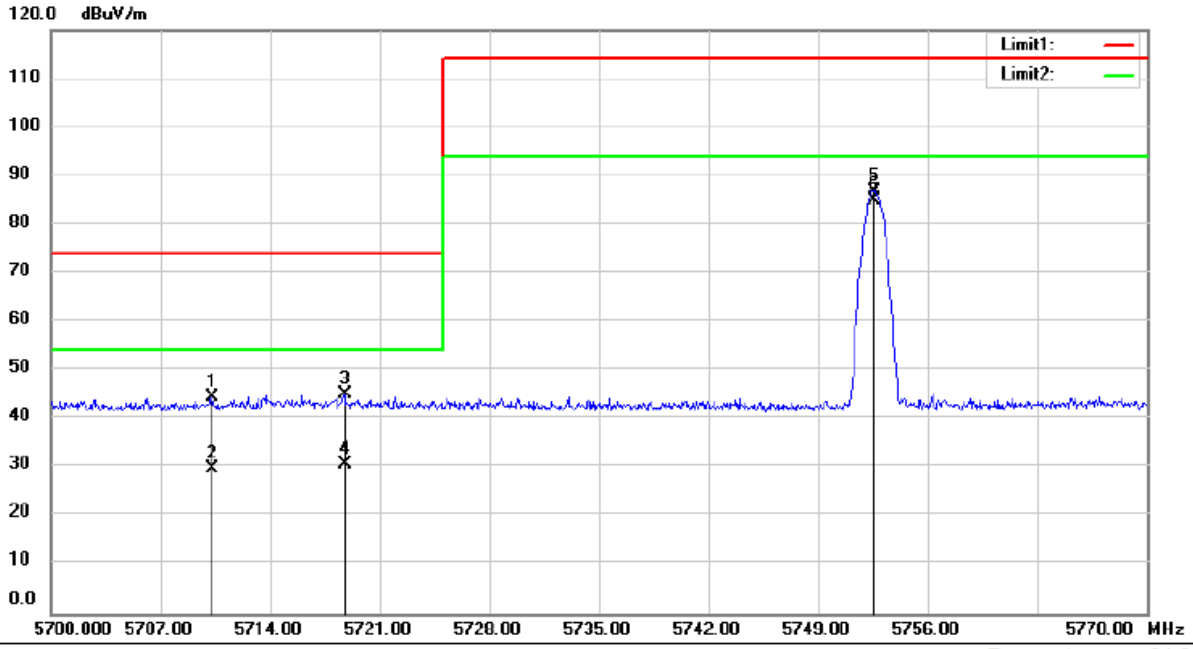
Same as 6.3 Radiated Emission Measurement.

7.5. Test Results

Pass

The test plots as following:

Lower band edge



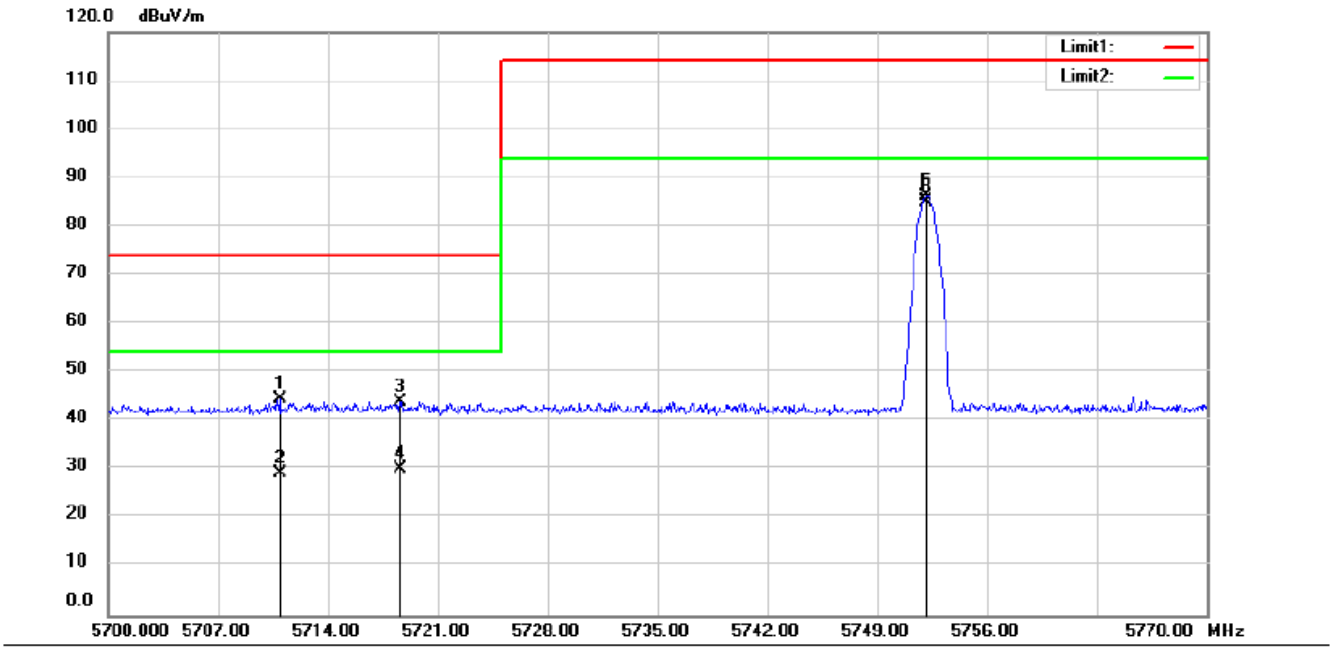
Site 3m Chamber #3 Polarization: *Vertical* Temperature: 24 C

Limit: (RE)FCC PART 5G(Bandedge) Power: AC 120V/60Hz Humidity: 53 %

Mode:ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5710.290	58.38	-13.69	44.69	74.00	-29.31	peak			
2		5710.290	43.49	-13.69	29.80	54.00	-24.20	AVG			
3		5718.760	58.82	-13.67	45.15	74.00	-28.85	peak			
4		5718.760	44.27	-13.67	30.60	54.00	-23.40	AVG			
5		5752.570	100.61	-13.63	86.98	114.00	-27.02	peak			
6	*	5752.570	98.63	-13.63	85.00	94.00	-9.00	AVG			



Site 3m Chamber #3 Polarization: ***Horizontal*** Temperature: 24 C

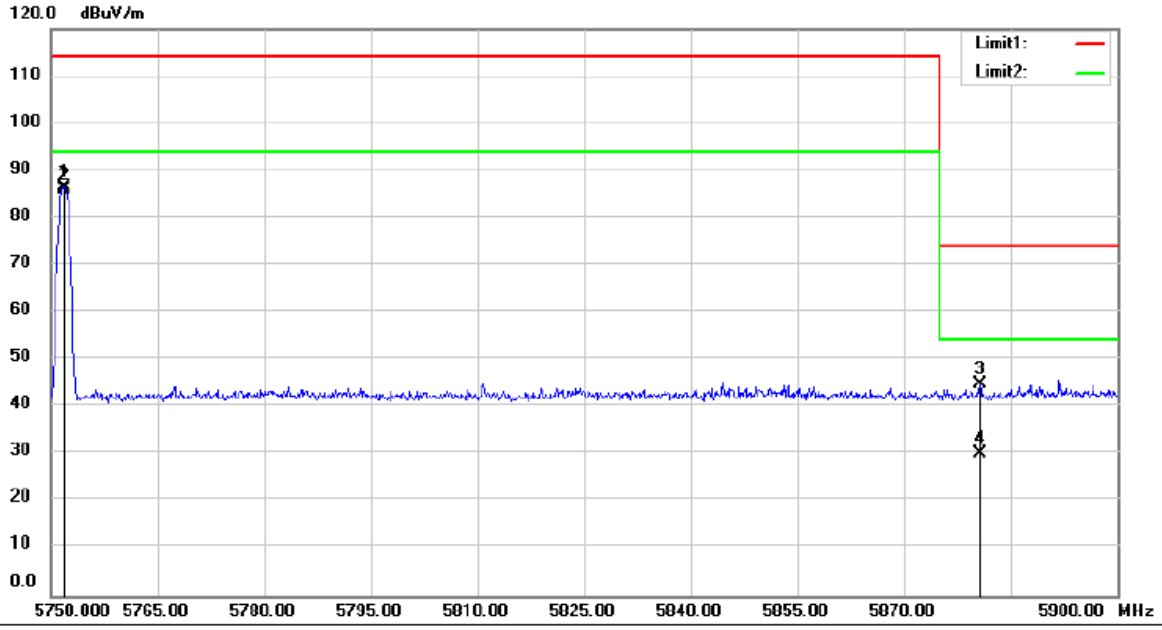
Limit: (RE)FCC PART 5G(Bandedge) Power: AC 120V/60Hz Humidity: 53 %

Mode:ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5710.920	58.28	-13.69	44.59	74.00	-29.41	peak			
2		5710.920	42.99	-13.69	29.30	54.00	-24.70	AVG			
3		5718.620	57.74	-13.68	44.06	74.00	-29.94	peak			
4		5718.620	43.78	-13.68	30.10	54.00	-23.90	AVG			
5		5752.570	99.85	-13.63	86.22	114.00	-27.78	peak			
6	*	5752.570	98.53	-13.63	84.90	94.00	-9.10	AVG			

Upper band edge



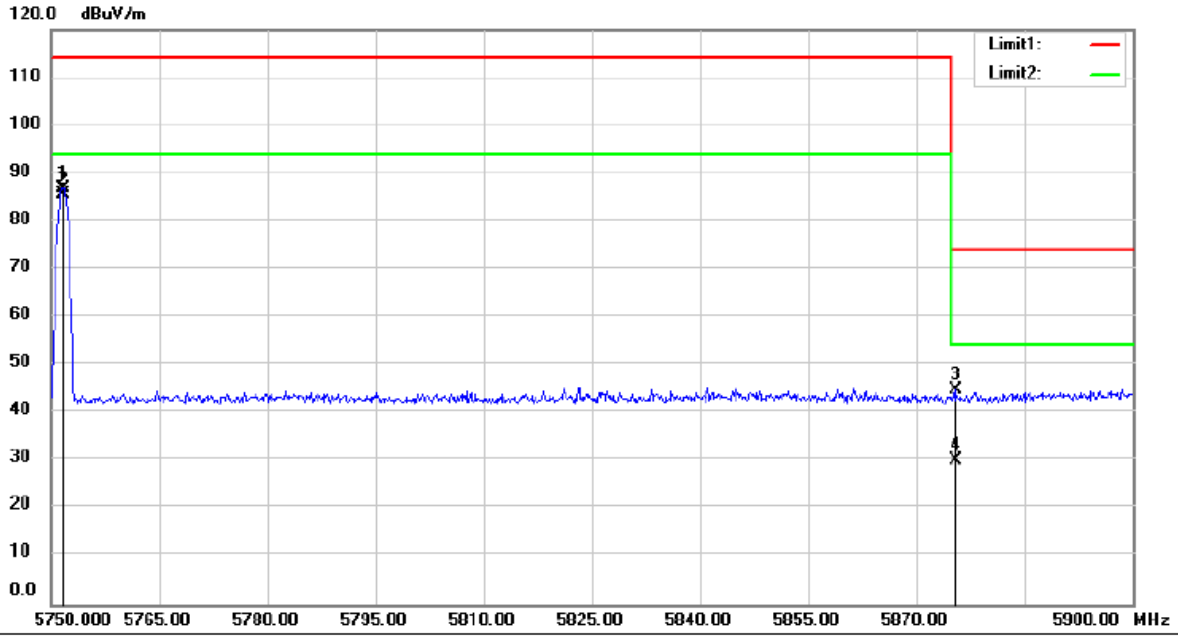
Site 3m Chamber #3 Polarization: *Horizontal* Temperature: 24 C

Limit: (RE)FCC PART 5G(Bandedge) Power: AC 120V/60Hz Humidity: 53 %

Mode:ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5752.570	100.25	-13.63	86.62	114.00	-27.38	peak			
2	*	5752.570	99.53	-13.63	85.90	94.00	-8.10	AVG			
3		5880.650	58.13	-13.40	44.73	74.00	-29.27	peak			
4		5880.650	43.50	-13.40	30.10	54.00	-23.90	AVG			



Site 3m Chamber #3 Polarization: *Vertical* Temperature: 24 C

Limit: (RE)FCC PART 5G(Bandedge) Power: AC 120V/60Hz Humidity: 53 %

Mode:ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5752.570	100.47	-13.63	86.84	114.00	-27.16	peak			
2	*	5752.570	99.23	-13.63	85.60	94.00	-8.40	AVG			
3		5875.400	58.10	-13.40	44.70	74.00	-29.30	peak			
4		5875.400	43.60	-13.40	30.20	54.00	-23.80	AVG			

8. ANTENNA APPLICATION

8.1.Standard Applicable

According to §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.

8.2.Antenna Construction

The EUT'S antenna is permanently integrated on the main EUT, no consideration of replacement.

---The End--