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

OF

LED Lamp

MODEL No.: IQ-4455MB, IQ-4455M

FCC ID: 2ADVW-IQ4455MB

REPORT NO: ES141231426E

ISSUE DATE: December 31, 2014

Prepared for
AURA LIGHT INTERNATIONAL AB
Lumavagen 1, Karlskrona, Sweden

Prepared by
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VERIFICATION OF COMPLIANCE

Applicant:	AURA LIGHT INTERNATIONAL AB Lumavagen 1, Karlskrona, Sweden
Product Description:	LED Lamp
Model Number:	IQ-4455MB, Q-4455M (Note: The two models have the same driver, the only difference is that model IQ-4455MB has a built-in Li-ion battery. We prepared model IQ-4455MB for test.)
File Number:	ES141231426E
Date of Test:	November 24, 2014 to December 29, 2014

We hereby certify that:

The above equipment was tested by SHENZHEN EMTEK 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 C63.4 (2009) 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.

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

Date of Test : November 24, 2014 to December 29, 2014.

Prepared by : Jack Li/Editor

Reviewer : Joe Xia/Supervisor

Approve & Authorized Signer : Lisa Wang/Manager

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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. Operation Frequency: 5830.471MHz
b. Number of Channel: 1
c. Antenna Designation: Permanently integrated antenna
d. Modulation: Un-modulated Carrier
e. Rated RF Output Power: -2.87dbm
f. Power Supply: 120-277V/AC, 60Hz

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

This submittal(s) (test report) is intended for FCC ID: 2ADVW-IQ4455MB 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 C63.4 -2009. 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	:	SHENZHEN EMTEK 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 Lamp	N/A	IQ-4455MB	2ADVW-IQ4455 MB	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	5830.471
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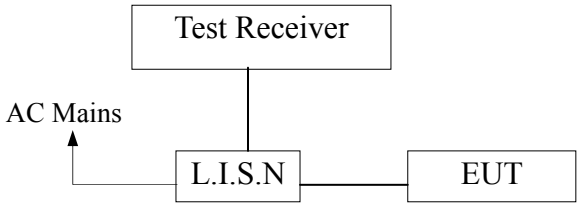
5. CONDUCTED EMISSIONS TEST

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:

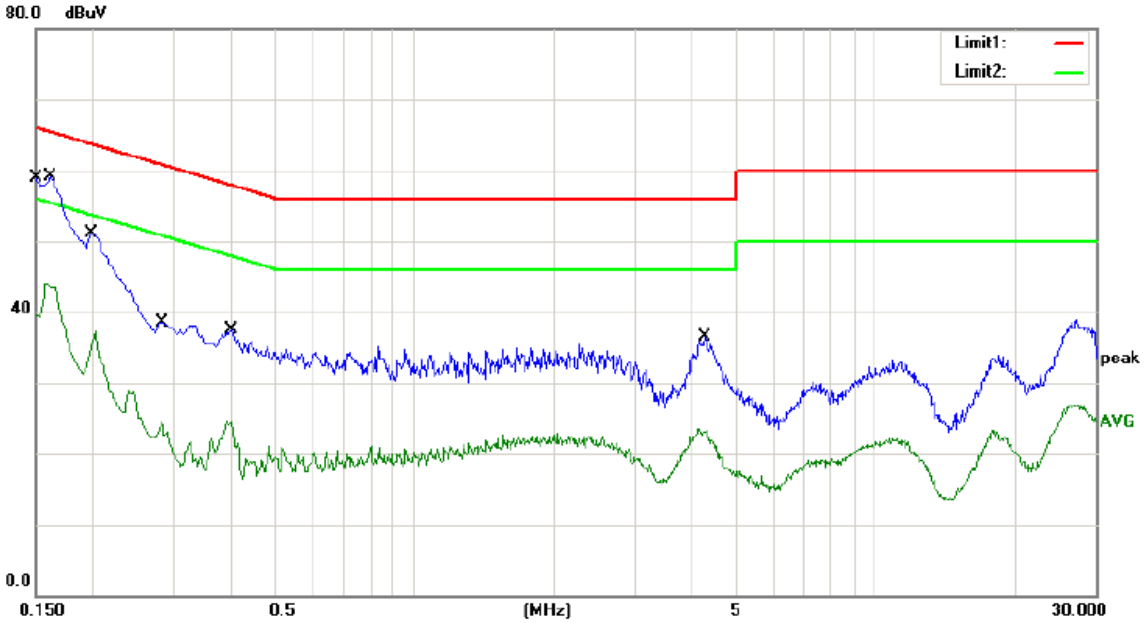


5.3.Measurement Equipment Used

EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	Last Cal.	Cal. Interval
Test Receiver	Rohde & Schwarz	ESCS30	828985/018	05/17/2014	1 Year
L.I.S.N.	Rohde & Schwarz	ENV216	101161	05/17/2014	1 Year
50Ω Coaxial Switch	Anritsu	MP59B	M20531	05/17/2014	1 Year
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	05/17/2014	1 Year

5.4.Measurement Equipment Used

Pass.
Please refer to the following data.



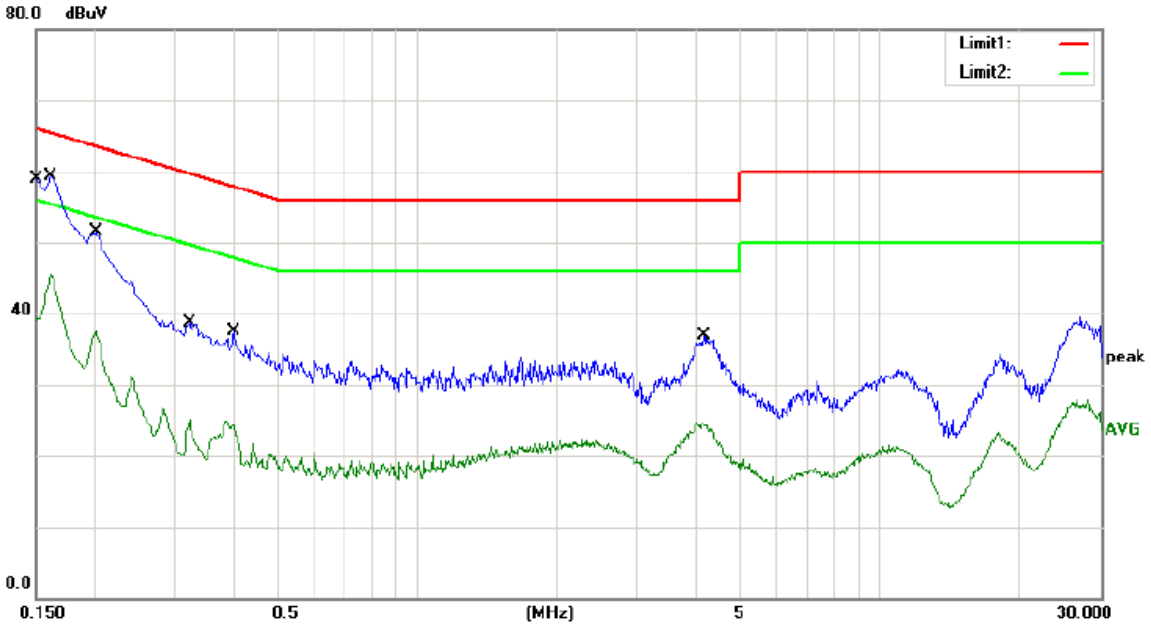
Site site #1 Phase: L1 Temperature: 23

Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 52 %

Mode: ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	47.80	11.00	58.80	66.00	-7.20	QP	
2		0.1500	28.50	11.00	39.50	56.00	-16.50	AVG	
3	*	0.1620	48.00	11.00	59.00	65.36	-6.36	QP	
4		0.1620	32.50	11.00	43.50	55.36	-11.86	AVG	
5		0.1980	40.10	11.00	51.10	63.69	-12.59	QP	
6		0.1980	24.30	11.00	35.30	53.69	-18.39	AVG	
7		0.2820	27.50	11.00	38.50	60.76	-22.26	QP	
8		0.2820	13.40	11.00	24.40	50.76	-26.36	AVG	
9		0.3980	26.50	11.00	37.50	57.90	-20.40	QP	
10		0.3980	13.10	11.00	24.10	47.90	-23.80	AVG	
11		4.2660	25.50	11.00	36.50	56.00	-19.50	QP	
12		4.2660	12.00	11.00	23.00	46.00	-23.00	AVG	



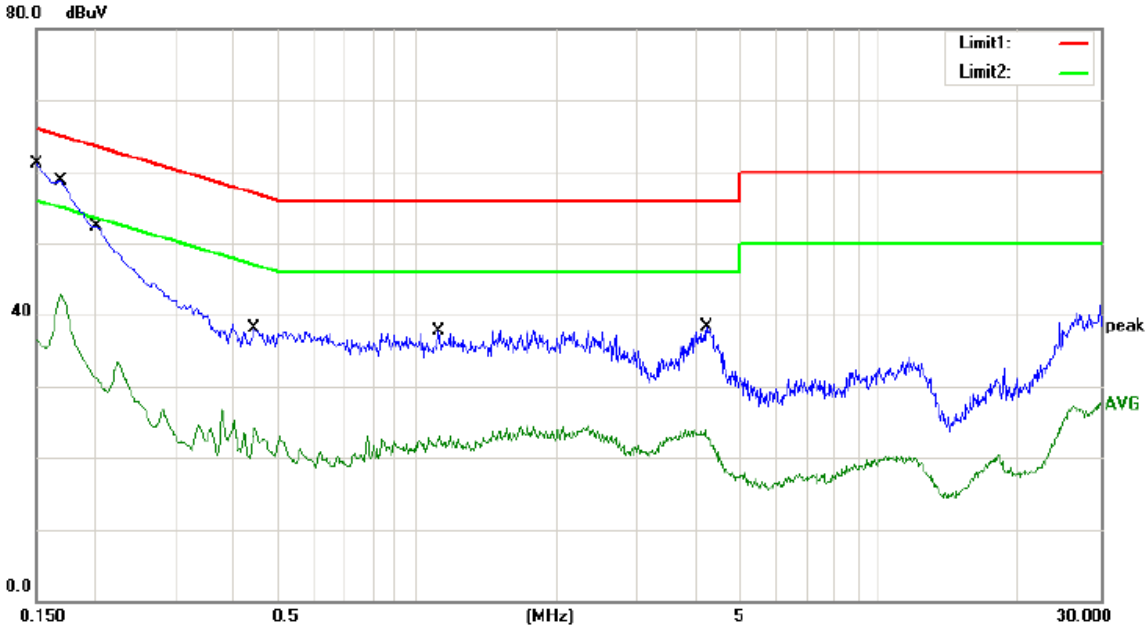
Site site #1 Phase: N Temperature: 23

Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 52 %

Mode: ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	47.90	11.00	58.90	66.00	-7.10	QP	
2		0.1500	28.10	11.00	39.10	56.00	-16.90	AVG	
3	*	0.1620	48.40	11.00	59.40	65.36	-5.96	QP	
4		0.1620	34.50	11.00	45.50	55.36	-9.86	AVG	
5		0.2020	40.40	11.00	51.40	63.53	-12.13	QP	
6		0.2020	26.10	11.00	37.10	53.53	-16.43	AVG	
7		0.3220	27.70	11.00	38.70	59.66	-20.96	QP	
8		0.3220	13.30	11.00	24.30	49.66	-25.36	AVG	
9		0.4020	26.40	11.00	37.40	57.81	-20.41	QP	
10		0.4020	13.30	11.00	24.30	47.81	-23.51	AVG	
11		4.1620	25.90	11.00	36.90	56.00	-19.10	QP	
12		4.1620	13.30	11.00	24.30	46.00	-21.70	AVG	



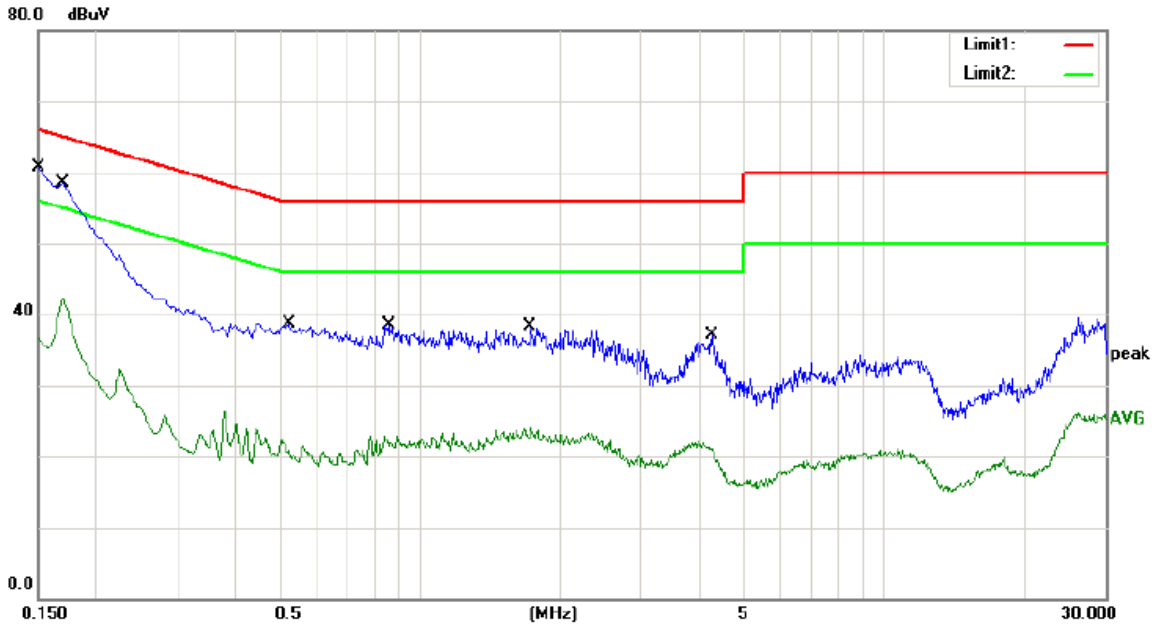
Site site #1 Phase: N Temperature: 23

Limit: (CE)FCC PART 15 class B_QP Power: AC 277V/60Hz Humidity: 52 %

Mode: ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1500	47.60	11.00	58.60	66.00	-7.40	QP	
2		0.1500	25.50	11.00	36.50	56.00	-19.50	AVG	
3		0.1700	45.60	11.00	56.60	64.96	-8.36	QP	
4		0.1700	31.80	11.00	42.80	54.96	-12.16	AVG	
5		0.2020	41.20	11.00	52.20	63.53	-11.33	QP	
6		0.2020	20.00	11.00	31.00	53.53	-22.53	AVG	
7		0.4460	27.00	11.00	38.00	56.95	-18.95	QP	
8		0.4460	13.10	11.00	24.10	46.95	-22.85	AVG	
9		1.1140	26.60	11.00	37.60	56.00	-18.40	QP	
10		1.1140	11.50	11.00	22.50	46.00	-23.50	AVG	
11		4.2460	27.30	11.00	38.30	56.00	-17.70	QP	
12		4.2460	11.90	11.00	22.90	46.00	-23.10	AVG	



Site site #1 Phase: L1 Temperature: 23

Limit: (CE)FCC PART 15 class B_QP Power: AC 277V/60Hz Humidity: 52 %

Mode: ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1500	47.30	11.00	58.30	66.00	-7.70	QP	
2		0.1500	25.60	11.00	36.60	56.00	-19.40	AVG	
3		0.1700	45.30	11.00	56.30	64.96	-8.66	QP	
4		0.1700	31.20	11.00	42.20	54.96	-12.76	AVG	
5		0.5220	27.70	11.00	38.70	56.00	-17.30	QP	
6		0.5220	9.90	11.00	20.90	46.00	-25.10	AVG	
7		0.8540	27.50	11.00	38.50	56.00	-17.50	QP	
8		0.8540	10.80	11.00	21.80	46.00	-24.20	AVG	
9		1.7340	27.20	11.00	38.20	56.00	-17.80	QP	
10		1.7340	13.10	11.00	24.10	46.00	-21.90	AVG	
11		4.2580	26.10	11.00	37.10	56.00	-18.90	QP	
12		4.2580	10.00	11.00	21.00	46.00	-25.00	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.

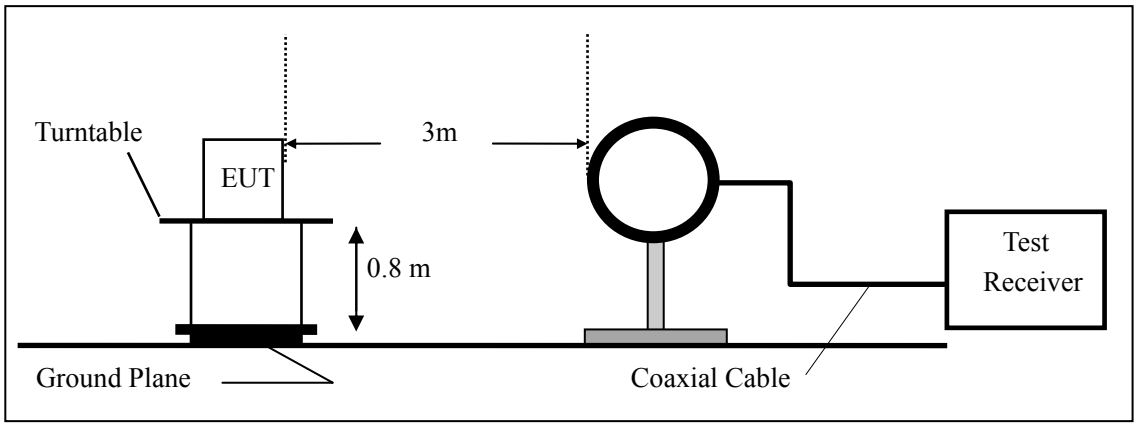
The frequency range from 30MHz to 1000MHz was pre-scanned with a peak detector (RBW=100kHz, VBW=300kHz) and all final readings of measurement from Test Receiver are Quasi-Peak values(Quasi Peak detector used with a bandwidth of 120 kHz).
The frequency range above 1GHz the measuring instrument use RBW=1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

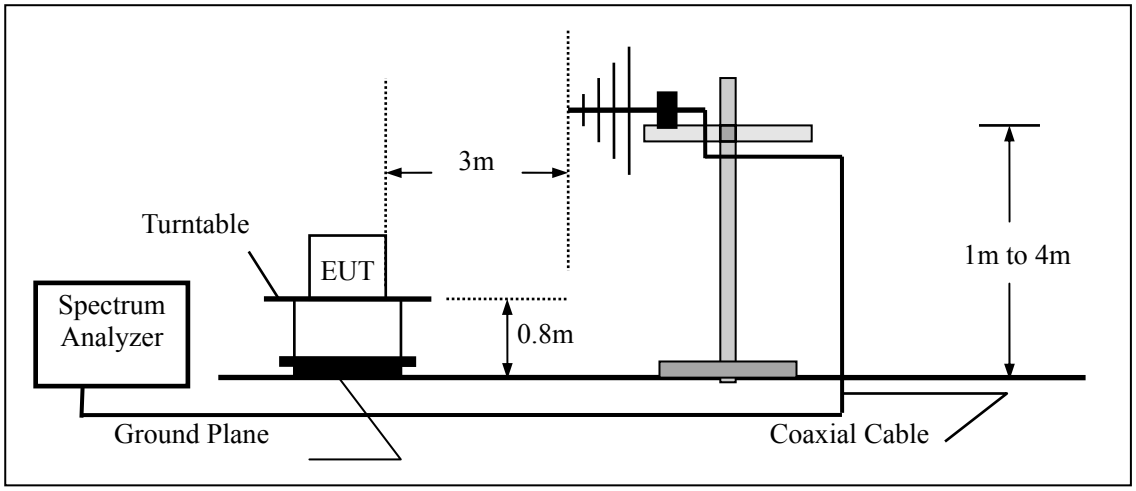
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	Last Cal.	Cal. Interval
EMI Test Receiver	Rohde & Schwarz	ESCI	101414	May 17, 2014	1 Year
EMI Test Receiver	Rohde & Schwarz	FSV40	132.1-3008K39-10 0967-AP	May 17, 2014	1 Year
Loop Antenna	Schwarzbeck	FMZB 1519	1519-012	May 17, 2014	1 Year
Bilog Antenna	Schwarzbeck	VULB9163	660	May 17, 2014	1 Year
Horn Antenna	Schwarzbeck	BBHA 9120	1178	May 17, 2014	1 Year
Horn Antenna	Schwarzbeck	BBHA 9170	RS1307229170547	May 17, 2014	1 Year
Horn Antenna	AHS/USA	SAS-573	184	May 17, 2014	1 Year
Pre-Amplifier	LUNAR-EM	LNA30M3G-25	J10100000071	May 17, 2014	1 Year
Pre-Amplifier	Lunar EM	LNA1G18-48	J1011131010001	May 17, 2014	1 Year
Pre-Amplifier	Lunar EM	LNA18G26-40	J1012131010001	May 17, 2014	1 Year
Pre-Amplifier	Lunar EM	LNA26G40-40	J1013131028001	May 17, 2014	1 Year
Cable	H+B	NmSm-2-C15201	\	May 17, 2014	1 Year
Cable	H+B	NmNm-7-C15702	\	May 17, 2014	1 Year
Cable	H+B	NmSm-05-C15052	\	May 17, 2014	1 Year
Cable	H+B	SUCOFLEX104	MY14871/4	May 17, 2014	1 Year
Cable	H+B	BLU18A-NmSm-6500	D8501	May 17, 2014	1 Year
Cable	A.H	SAC-40G-1	414	May 17, 2014	1 Year
Cable	A.H	SAC-40G-1	413	May 17, 2014	1 Year

6.3.Test SET-UP

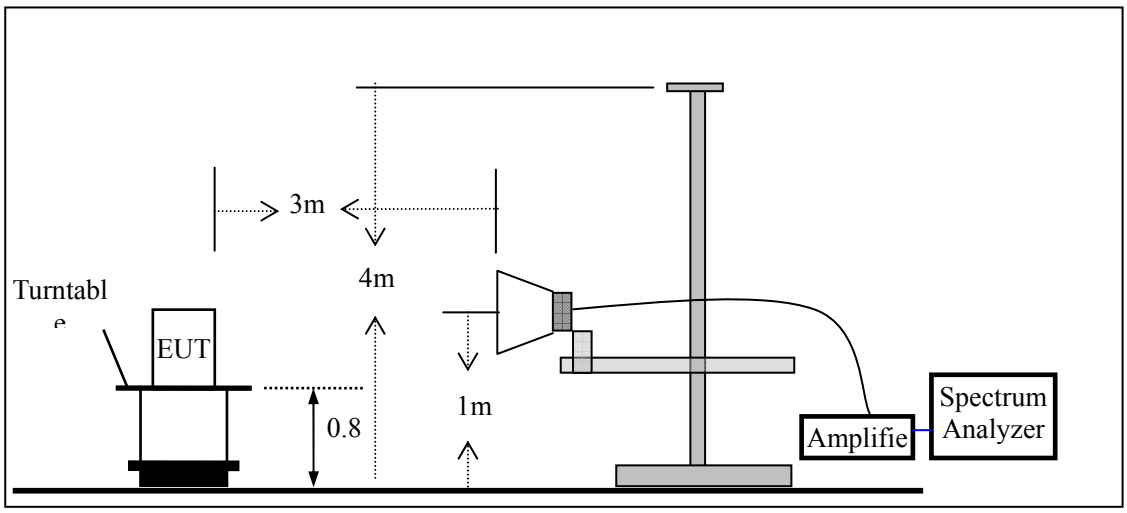
(a) Radiated Emission Test Set-Up, Frequency Below 30MHz



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

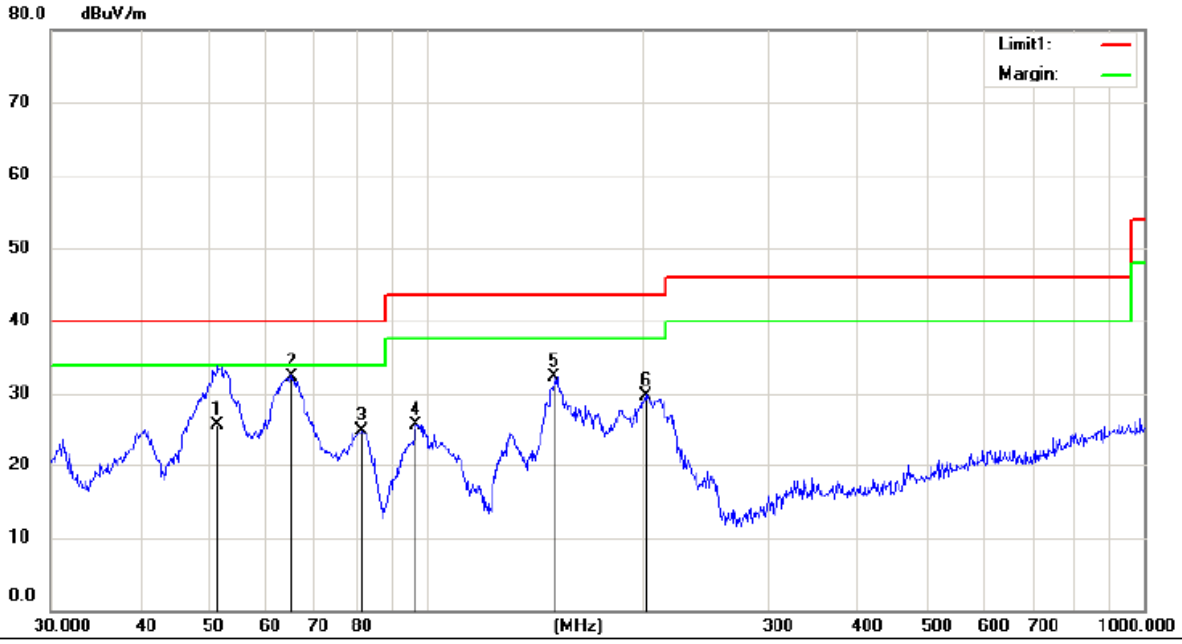


(c) Radiated Emission Test Set-Up, Frequency Above 1000MHz



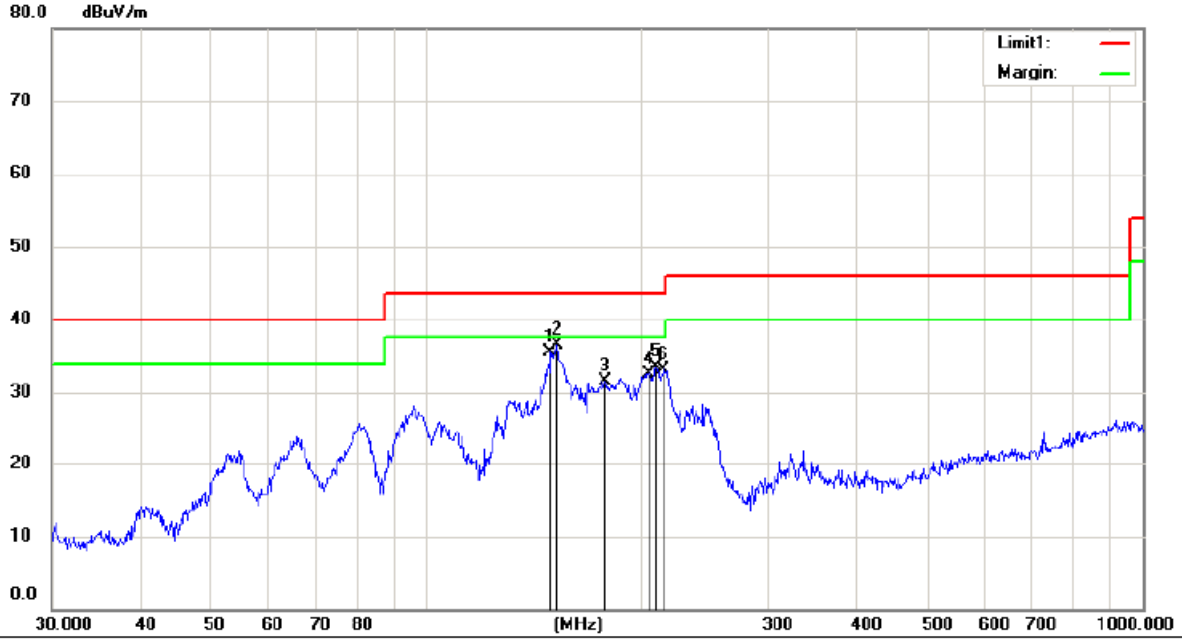
6.4.Radiated Measurement Result

30MHz-1GHz:



Site site #1 Polarization: *Vertical* Temperature: 23 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		51.3005	46.94	-21.14	25.80	40.00	-14.20	QP			
2	*	65.1144	55.85	-23.45	32.40	40.00	-7.60	QP			
3		81.4970	49.41	-24.51	24.90	40.00	-15.10	QP			
4		96.7750	46.57	-20.87	25.70	43.50	-17.80	QP			
5		151.0664	57.13	-24.73	32.40	43.50	-11.10	QP			
6		202.1004	51.36	-21.56	29.80	43.50	-13.70	QP			



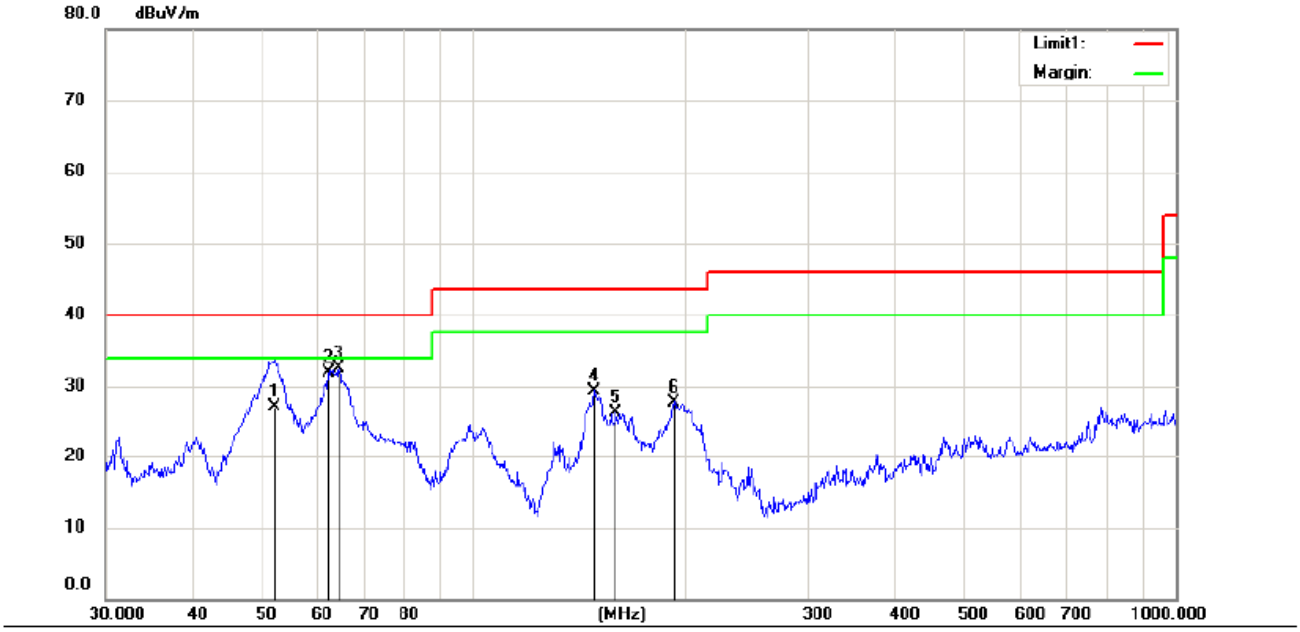
Site site #1 Polarization: *Horizontal* Temperature: 23 C

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		148.9624	60.43	-24.83	35.60	43.50	-7.90	QP			
2	*	152.1297	61.16	-24.66	36.50	43.50	-7.00	QP			
3		177.5091	54.56	-23.06	31.50	43.50	-12.00	QP			
4		204.2377	54.07	-21.47	32.60	43.50	-10.90	QP			
5		209.3130	54.73	-21.23	33.50	43.50	-10.00	QP			
6		214.5142	54.20	-21.00	33.20	43.50	-10.30	QP			



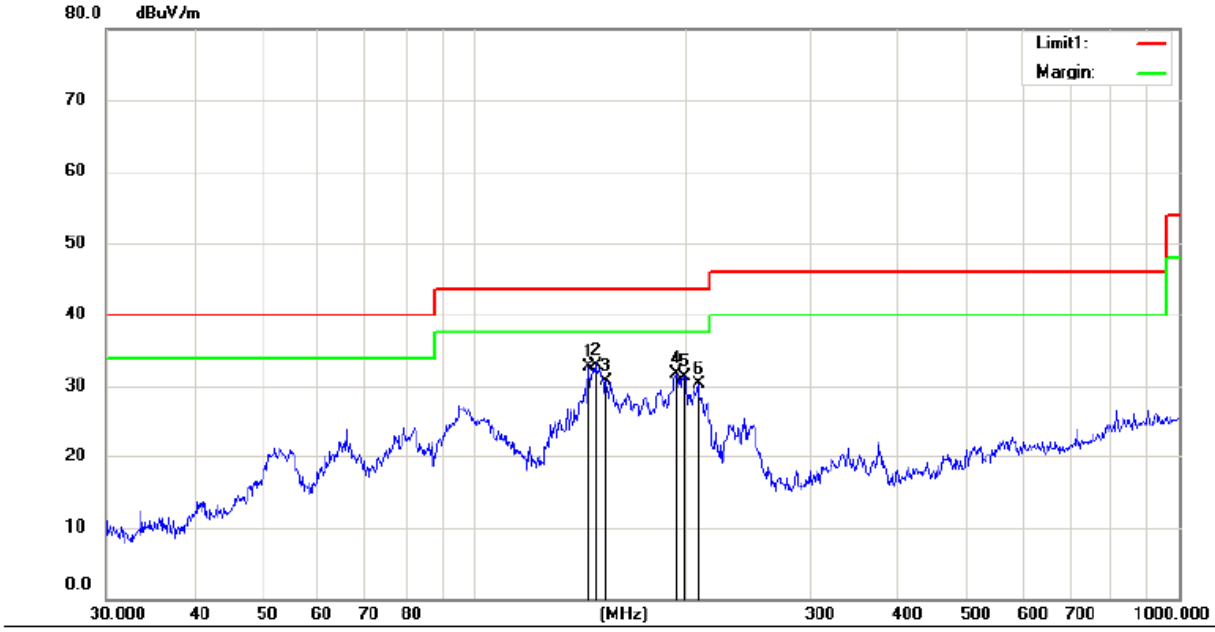
Site site #1 Polarization: *Vertical* Temperature: 23 C

Limit: FCC Part15 Class B 3M Radiation Power: AC 277V/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		52.2080	48.38	-21.18	27.20	40.00	-12.80	QP			
2		62.2128	54.23	-22.33	31.90	40.00	-8.10	QP			
3	*	64.4330	55.70	-23.20	32.50	40.00	-7.50	QP			
4		148.4410	54.24	-24.84	29.40	43.50	-14.10	QP			
5		159.7844	50.50	-24.20	26.30	43.50	-17.20	QP			
6		193.0944	49.58	-21.78	27.80	43.50	-15.70	QP			



Site site #1 Polarization: *Horizontal* Temperature: 23 C

Limit: FCC Part15 Class B 3M Radiation Power: AC 277V/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		145.3505	57.62	-24.92	32.70	43.50	-10.80	QP			
2	*	148.4410	57.84	-24.84	33.00	43.50	-10.50	QP			
3		153.7385	55.26	-24.56	30.70	43.50	-12.80	QP			
4		193.0944	53.48	-21.78	31.70	43.50	-11.80	QP			
5		198.5880	53.08	-21.68	31.40	43.50	-12.10	QP			
6		207.8501	51.61	-21.31	30.30	43.50	-13.20	QP			

Above 1GHz:

Operation Mode:	TX	Test Date :	December 29, 2014
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
4094.000	V	44.08	31.80	74.00	54.00	-29.92	-22.20
5830.471	V	92.56	91.44	114.00	94.00	-21.44	-2.56
5488.000	V	48.04	32.40	74.00	54.00	-25.96	-21.60
7256.000	V	53.05	33.20	74.00	54.00	-20.95	-20.80
10520.000	V	52.51	34.20	74.00	54.00	-21.49	-19.80
12798.000	V	53.03	36.50	74.00	54.00	-20.97	-17.50
14838.000	V	51.52	37.90	74.00	54.00	-22.48	-16.10
18044.000	V	53.11	36.40	74.00	54.00	-20.89	-17.60
20024.000	V	41.11	34.70	74.00	54.00	-32.89	-19.30
26250.000	V	36.52	31.70	74.00	54.00	-37.48	-22.30
29572.000	V	38.27	30.40	74.00	54.00	-35.73	-23.60
31926.000	V	43.07	32.70	74.00	54.00	-30.93	-21.30
39736.000	V	45.47	36.80	74.00	54.00	-28.53	-17.20
--	--	--	--	--	--	--	--
4468.000	H	45.82	31.50	74.00	54.00	-28.18	-22.50
5830.471	H	87.92	86.36	114.00	94.00	-26.08	-7.64
6661.000	H	53.30	32.40	74.00	54.00	-20.70	-21.60
9279.000	H	50.95	34.60	74.00	54.00	-23.05	-19.40
10911.000	H	52.68	36.90	74.00	54.00	-21.32	-17.10
13886.000	H	53.89	37.30	74.00	54.00	-20.11	-16.70
14379.000	H	53.33	38.40	74.00	54.00	-20.67	-15.60
18022.000	H	53.21	36.80	74.00	54.00	-20.79	-17.20
19958.000	H	39.73	30.60	74.00	54.00	-34.27	-23.40
26294.000	H	36.96	32.70	74.00	54.00	-37.04	-21.30
30144.000	H	40.10	32.70	74.00	54.00	-33.90	-21.30
31926.000	H	41.83	32.90	74.00	54.00	-32.17	-21.10
39362.000	H	45.28	41.90	74.00	54.00	-28.72	-12.10
--	--	--	--	--	--	--	--

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

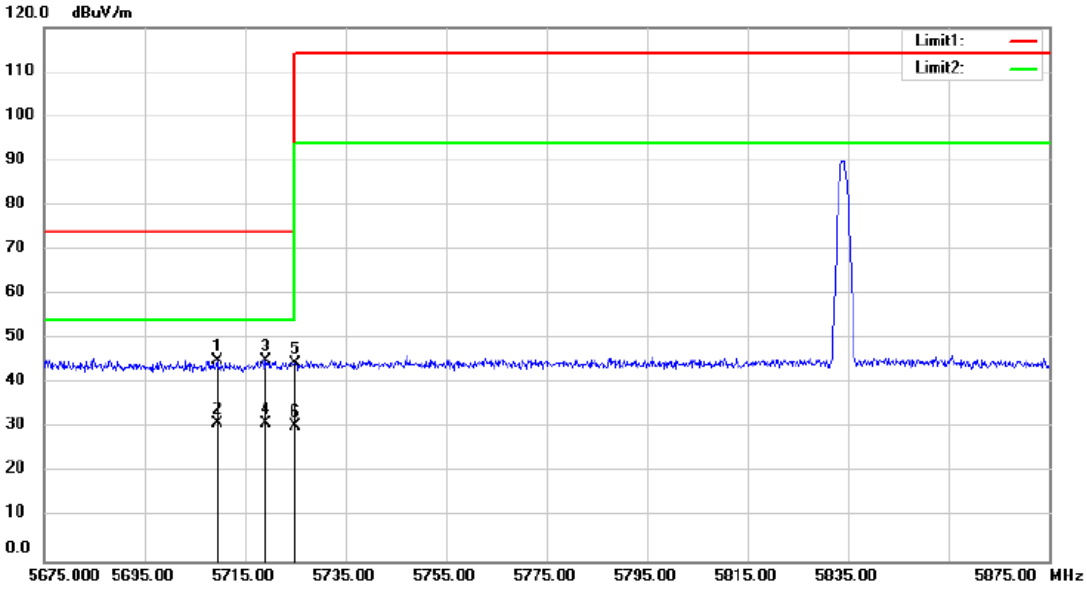
Same as 6.3 Radiated Emission Measurement.

7.5. Test Results

Pass

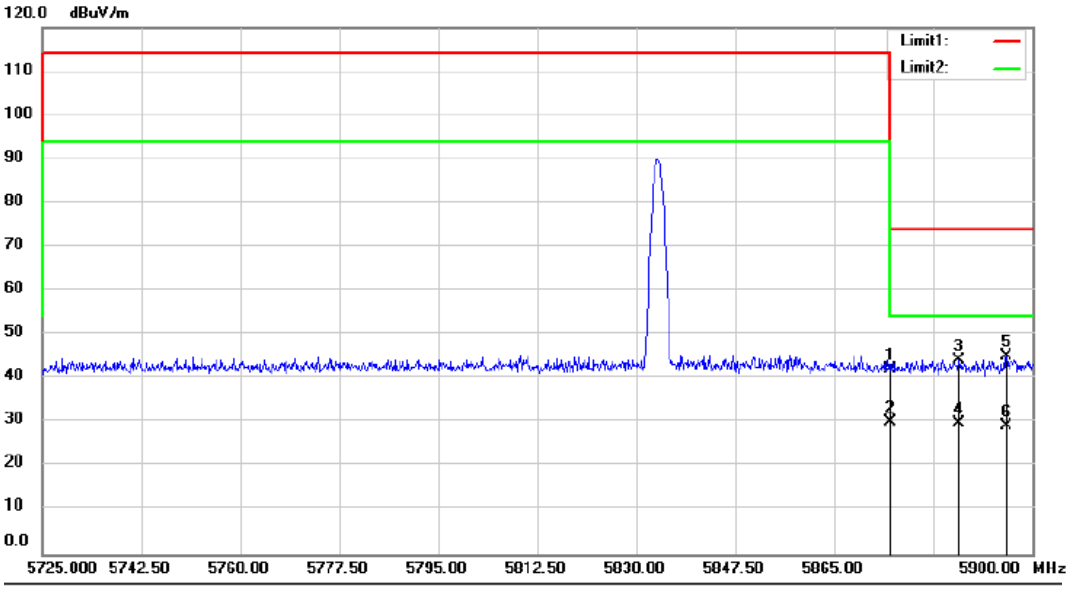
The test plots as following:

Lower band edge



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1		5709.400	58.84	-13.54	45.30	74.00	-28.70	peak
2		5709.400	44.45	-13.54	30.91	54.00	-23.09	AVG
3		5719.000	58.69	-13.53	45.16	74.00	-28.84	peak
4	*	5719.000	44.67	-13.53	31.14	54.00	-22.86	AVG
5		5725.000	57.94	-13.53	44.41	74.00	-29.59	peak
6		5725.000	44.00	-13.53	30.47	54.00	-23.53	AVG

Upper band edge



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1		5875.000	55.56	-13.37	42.19	74.00	-31.81	peak
2	*	5875.000	43.40	-13.37	30.03	54.00	-23.97	AVG
3		5887.050	57.71	-13.35	44.36	74.00	-29.64	peak
4		5887.050	43.07	-13.35	29.72	54.00	-24.28	AVG
5		5895.450	58.38	-13.34	45.04	74.00	-28.96	peak
6		5895.450	42.73	-13.34	29.39	54.00	-24.61	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--