



FCC TEST REPORT

No. 160702065SHA-001

Applicant : LEDVANCE LLC
200 Balaaardvale St. Wilmington MA 01887, USA

Manufacturer site : Ningbo Dongxing Electric Co., Ltd.
Fenglin Industrial Development Zone, Qiaotou
Town, Cixi, Ningbo, Zhejiang

Product Name : LIGHTIFY smart connected plug

Type/Model : 72922

TEST RESULT : PASS

SUMMARY

The equipment complies with the requirements according to the following standard(s) or specification:

47CFR Part 15 (2015): Radio Frequency Devices

ANSI C63.10 (2013): American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

RSS-247 Issue 1 (May 2015): Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices

RSS-Gen Issue 4 (December 2014): General Requirements for Compliance of Radio Apparatus

Date of issue: December 05, 2016

Prepared by:

Nemo Li (*Project Engineer*)

Reviewed by:

Daniel Zhao (*Reviewer*)



Description of Test Facility

Name: Intertek Testing Service Limited Shanghai
Address: Building No.86, 1198 Qinzhou Road(North), Shanghai 200233, P.R.
China

FCC Registration Number: 236597
IC Assigned Code: 2402B-1

Name of contact: Jonny Jing
Tel: 86 21 61278271
Fax: 86 21 54262353

Content

SUMMARY	1
1 GENERAL INFORMATION	5
1.1 Description of Client.....	5
1.2 Identification of the EUT	5
1.3 Technical Specification.....	6
2 TEST SPECIFICATIONS	7
2.1 Standards or specification	7
2.2 Mode of operation during the test.....	7
2.3 Test software list	7
2.4 Test peripherals list	7
2.5 Instrument list	8
2.6 Test Summary	9
2.7 Measurement uncertainty.....	10
3 MINIMUM 6dB BANDWIDTH	11
3.1 Limit.....	11
3.2 Test Configuration	11
3.3 Test Procedure and test setup.....	11
3.4 Test Protocol	12
4 MAXIMUM CONDUCTED OUTPUT POWER	14
4.1 Test limit	14
4.2 Test Configuration	14
4.3 Test procedure and test setup.....	15
4.4 Test protocol	16
5 POWER SPECTRUM DENSITY	17
5.1 Test limit	17
5.2 Test Configuration	17
5.3 Test procedure and test setup.....	18
5.4 Test Protocol	19
6 EMISSION OUTSIDE THE FREQUENCY BAND	21
6.1 Test limit	21
6.2 Test Configuration	21
6.3 Test procedure and test setup.....	21
6.4 Test Protocol	23
7 RADIATED EMISSIONS IN RESTRICTED FREQUENCY BANDS	28
7.1 Test limit	28
7.2 Test Configuration	28
7.3 Test procedure and test setup.....	29
7.4 Test Protocol	30
8 POWER LINE CONDUCTED EMISSION	33
8.1 Limit.....	33
8.2 Test configuration	33
8.3 Test procedure and test set up.....	34
8.4 Test protocol	35
9 ANTENNA REQUIREMENT	36
10 OCCUPIED BANDWIDTH	37



10.1 Test limit37
10.2 Test Configuration37
10.3 Test procedure and test setup37
10.4 Test protocol38



1 GENERAL INFORMATION

1.1 Description of Client

Applicant : LEDVANCE LLC

200 Balaardvale St. Wilmington MA 01887, USA

Manufacturer site : Ningbo Dongxing Electric Co., Ltd.

Fenglin Industrial Development Zone, Qiaotou Town,
Cixi, Ningbo, Zhejiang

1.2 Identification of the EUT

Product Name : LIGHTIFY smart connected plug

Type/model : 72922

FCC ID : 2AKGT-LDV72922

IC : 22089-LDV72922

1.3 Technical Specification

Operation Frequency Band	:	2405 - 2480 MHz
Protocol	:	IEEE 802.15.4
Type of Modulation	:	O-QPSK
Channel Number	:	16 channels
Description of EUT	:	EUT is a smart connected plug, and has only one model.
Antenna	:	PCB antenna, 0dBi max
Rating	:	120V~, 15A
Category of EUT	:	Class B
Product SW/HW version	:	NA
Radio SW/HW version	:	NA
RF power setting Test SW	:	NA
Test SW version	:	NA
EUT type	:	<input checked="" type="checkbox"/> Table top <input type="checkbox"/> Floor standing
Sample received date	:	July 22, 2016
Date of test	:	July 22, 2016 ~ August 30, 2016

2 TEST SPECIFICATIONS

2.1 Standards or specification

47CFR Part 15 (2015)
RSS-247 Issue 1 (May 2015)
RSS-Gen Issue 4 (December 2014)
ANSI C63.10 (2013)
KDB 558074 (v03r05)

2.2 Mode of operation during the test

While testing transmitting mode of EUT, the internal modulation and continuously transmission was applied.

The lowest, middle and highest channel were tested as representatives.

Freq. Band (MHz)	Modulation	Lowest (MHz)	Middle (MHz)	Highest (MHz)
2400-2483.5	O-QPSK	2405	2440	2480

2.3 Test software list

Test Items	Software	Manufacturer	Version
Conducted emission	ESxS-K1	R&S	V2.1.0
Radiated emission	ES-K1	R&S	V1.71

2.4 Test peripherals list

Item No.	Name	Band and Model	Description
1	Laptop computer	HP, EliteBook 2530P	-

2.5 Instrument list

Selected	Instrument	EC no.	Model	Valid until date
<input checked="" type="checkbox"/>	Shielded room	EC 2838	GB88	2017-1-8
<input checked="" type="checkbox"/>	EMI test receiver	EC 2107	ESCS 30	2016-10-19
<input checked="" type="checkbox"/>	A.M.N.	EC 3119	ESH2-Z5	2016-12-16
<input type="checkbox"/>	A.M.N.	EC 3394	ENV 216	2017-8-1
<input checked="" type="checkbox"/>	Semi anechoic chamber	EC 3048	-	2017-5-11
<input checked="" type="checkbox"/>	EMI test receiver	EC 3045	ESIB26	2016-10-19
<input checked="" type="checkbox"/>	Broadband antenna	EC 4206	CBL 6112D	2017-4-27
<input checked="" type="checkbox"/>	Horn antenna	EC 3049	HF906	2017-4-27
<input type="checkbox"/>	Horn antenna	EC 4792-1	3117	2017-4-21
<input type="checkbox"/>	Horn antenna	EC 4792-3	HAP18-26W	2017-6-11
<input checked="" type="checkbox"/>	Pre-amplifier	EC 5262	pre-amp 18	2017-5-25
<input type="checkbox"/>	Pre-amplifier	EC 4792-2	TPA0118-40	2017-4-10
<input type="checkbox"/>	Test Receiver	EC 4501	ESCI 7	2017-1-13
<input checked="" type="checkbox"/>	PXA Signal Analyzer	EC5338	N9030A	2016-11-17
<input checked="" type="checkbox"/>	Power sensor/Power meter	EC4318	N1911A/N1921A	2017-4-8
<input type="checkbox"/>	Power sensor	EC5338-1	U2021XA	2017-3-5
<input type="checkbox"/>	MXG Analog Signal Generator	EC5338-2	N5181A	2017-3-5
<input type="checkbox"/>	MXG Vector Signal Generator	EC5175	N51812B	2017-1-8

2.6 Test Summary

This report applies to tested sample only. The test results have been compared directly with the limits, and the measurement uncertainty is recorded. This report shall not be reproduced in part without written approval of Intertek Testing Service Shanghai Limited.

TEST ITEM	FCC REFERANCE	IC REFERANCE	RESULT
Minimum 6dB Bandwidth	15.247(a)(2)	RSS-247 Issue 1 Annex 5.2	Pass
Maximum peak output power	15.247(b)	RSS-247 Issue 1 Annex 5.4	Pass
Power spectrum density	15.247(e)	RSS-247 Issue 1 Annex 5.2	Pass
Radiated Emissions in restricted frequency bands	15.205 & 15.209	RSS-Gen Issue 4 Clause 8.9	Pass
Emission outside the frequency band	15.247(d)	RSS-247 Issue 1 Annex 5.5	Pass
Power line conducted emission	15.207	RSS-Gen Issue 4 Clause 8.8	Pass
Antenna requirement	15.203	-	Pass
Occupied bandwidth	-	RSS-Gen Issue 4 Clause 6.6	Tested

Notes: 1: NA =Not Applicable

2: This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

2.7 Measurement uncertainty

The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

TEST ITEM	MEASUREMENT UNCERTAINTY
Maximum peak output power	$\pm 0.74\text{dB}$
Radiated Emissions in restricted frequency bands below 1GHz	$\pm 4.90\text{dB}$
Radiated Emissions in restricted frequency bands above 1GHz	$\pm 5.02\text{dB}$
Emission outside the frequency band	$\pm 2.89\text{dB}$
Power line conducted emission	$\pm 3.19\text{dB}$

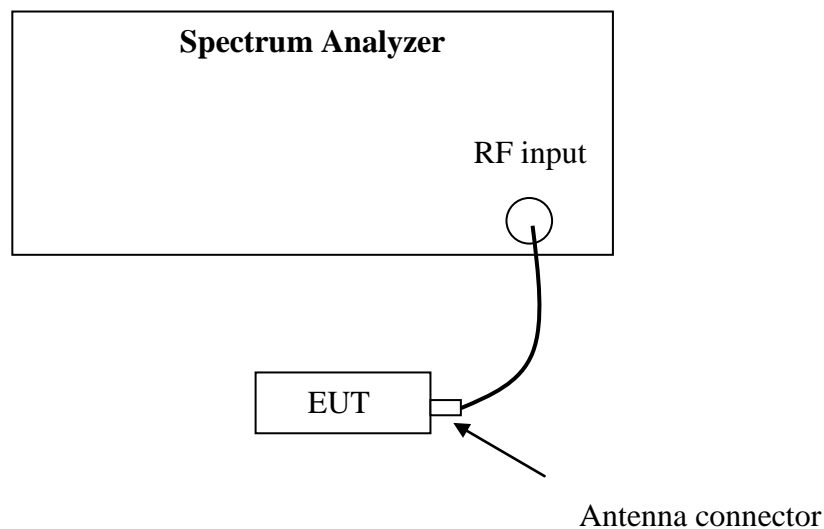
3 Minimum 6dB Bandwidth

Test result: Pass

3.1 Limit

For systems using digital modulation techniques that may operate in the 902 - 928 MHz, 2400 - 2483.5 MHz and 5725 - 5850 MHz bands, the minimum 6 dB bandwidth shall be at least 500 kHz.

3.2 Test Configuration



3.3 Test Procedure and test setup

The minimum 6dB bandwidth per FCC §15.247(a)(2) is measured using the Spectrum Analyzer according to DTS test procedure of “KDB558074 D01 DTS Meas Guidance” for compliance to FCC 47CFR 15.247 requirements (clause 8.2).

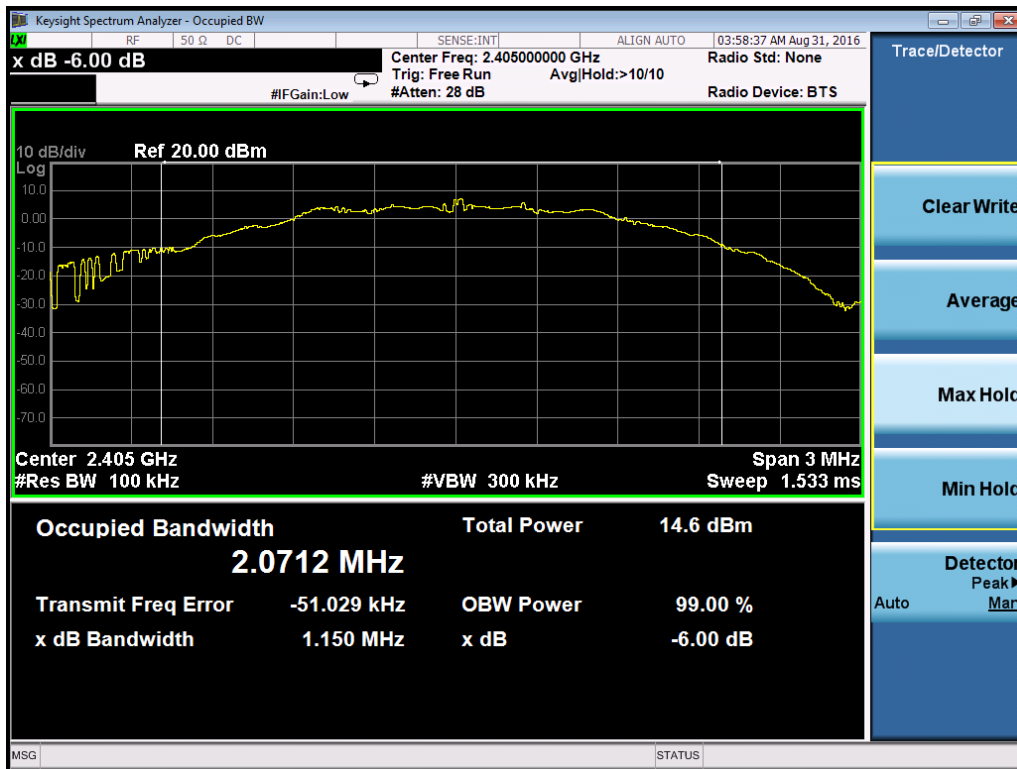
- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.4 Test Protocol

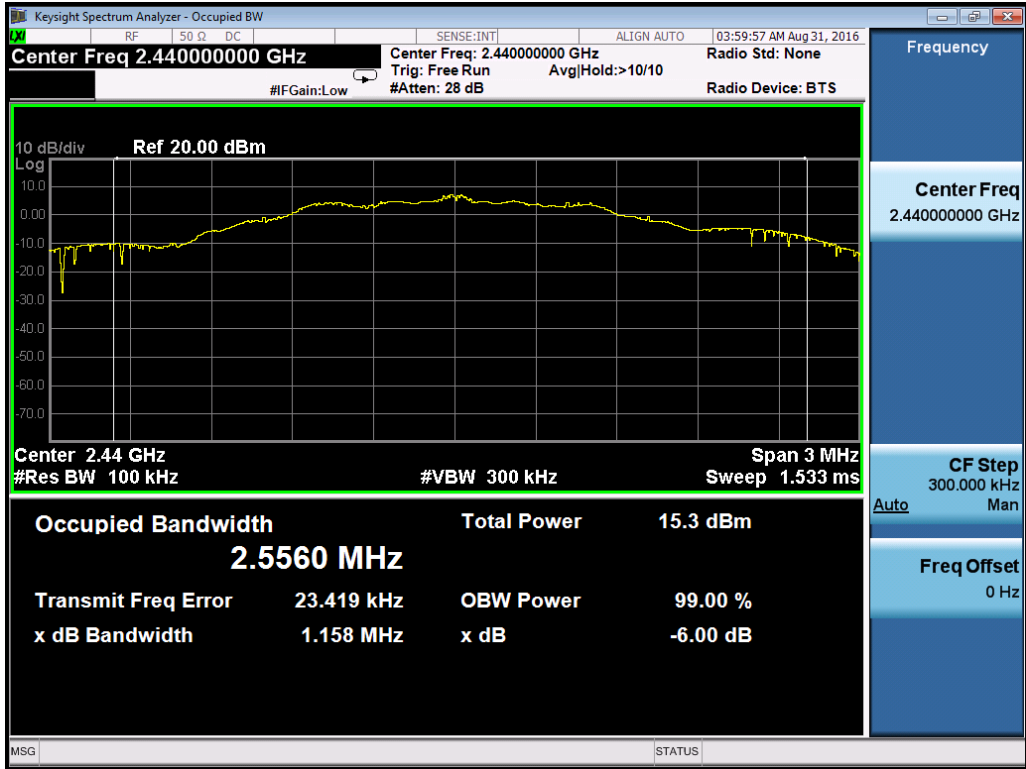
Temperature: 22°C
Relative Humidity: 54%

Mode	Channel	Minimum 6dB Bandwidth (MHz)	Limits (MHz)
-	L	1.150	≥ 0.5
	M	1.158	≥ 0.5
	H	1.268	≥ 0.5

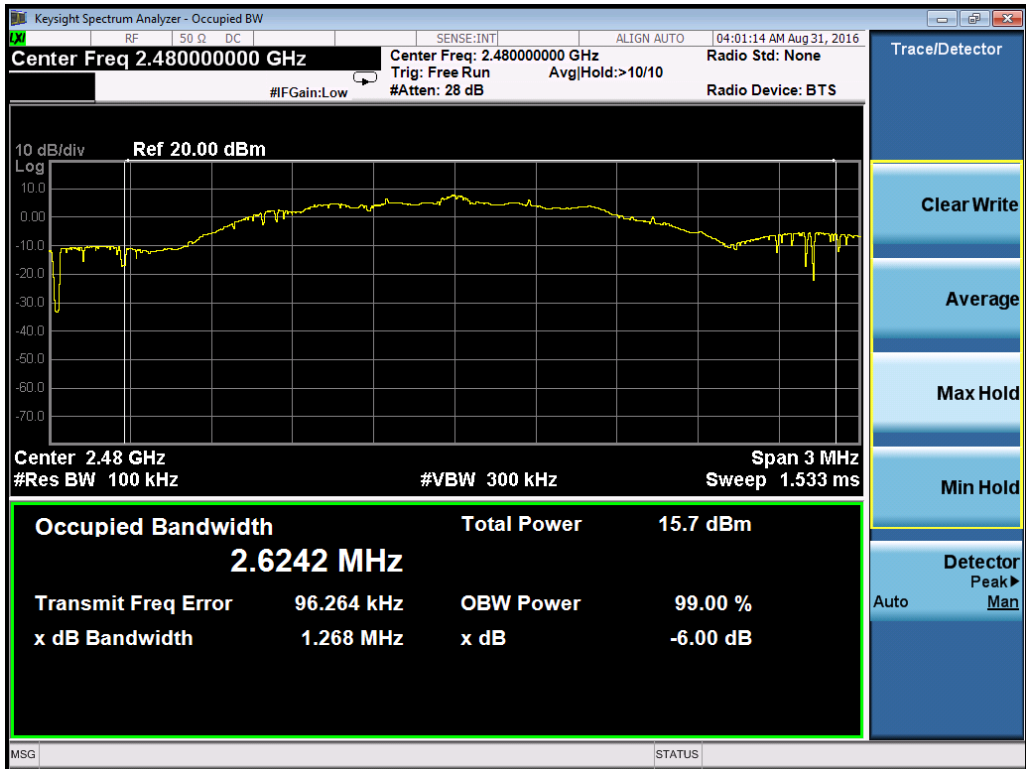
Channel L



Channel M



Channel H



4 Maximum Conducted Output power

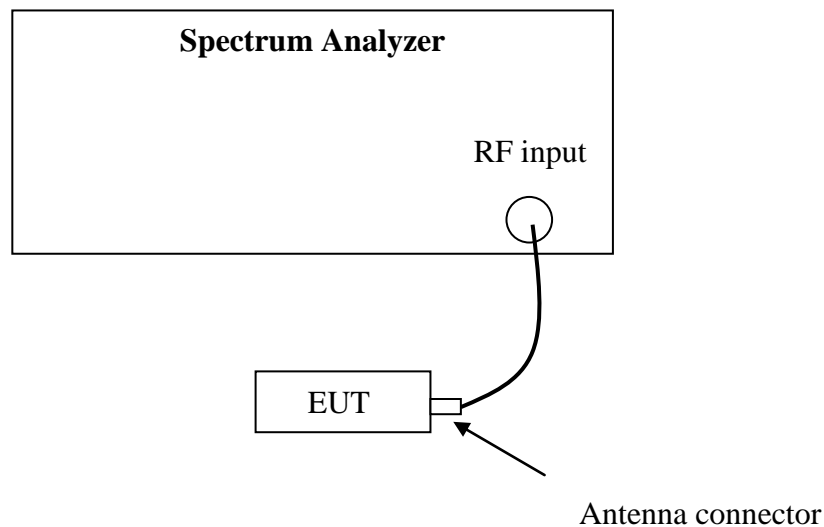
Test result: Pass

4.1 Test limit

- For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt
- For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts
- For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt (EIRP: 4 watt).

If the transmitting antenna of directional gain greater than 6dBi is used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi. If there have a beam forming type, the limit should be the minimum of 30dBm and 30+ (6 –antenna gain-beam forming gain).

4.2 Test Configuration



4.3 Test procedure and test setup

The EUT was tested according to DTS test procedure of “KDB558074 D01 DTS Meas Guidance” for compliance to FCC 47CFR 15.247 requirements.

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall utilize a fast-responding diode detector.

4.4 Test protocol

Temperature: 22 °C
Relative Humidity: 54 %

Mode	Channel	Conducted Power (dBm)	Limit (dBm)
-	L	10.73	30
	M	10.88	30
	H	10.91	30

The maximum EIRP of the EUT = 10.91 dBm + 0dBi = 10.91dBm = 12.33mW which is lower than the EIRP limit of RSS-247.

5 Power spectrum density

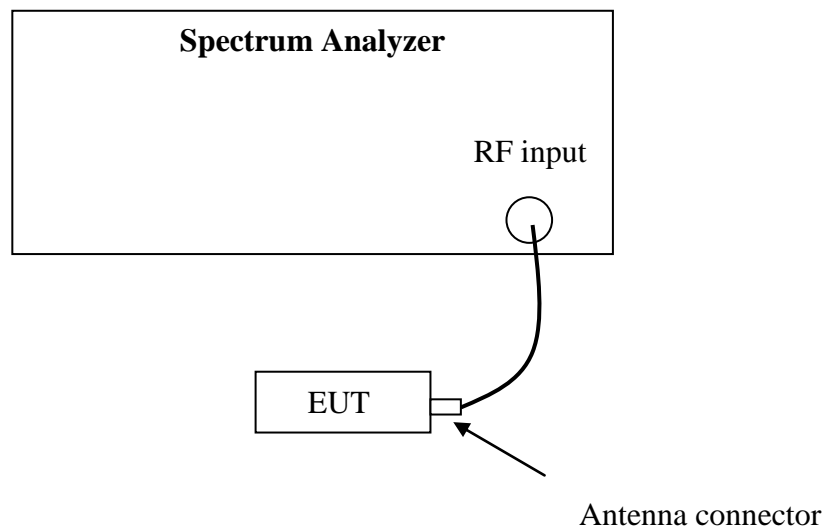
Test result: Pass

5.1 Test limit

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission.

If the transmitting antenna of directional gain greater than 6dBi is used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi. If there have a beam forming type, the limit should be the minimum of 8dBm/MHz and $8 + (6 - \text{antenna gain} - \text{beam forming gain})$.

5.2 Test Configuration



5.3 Test procedure and test setup

The power output per FCC §15.247(e) was tested according to DTS test procedure of “KDB558074 D01 DTS Meas Guidance” (clause 10.2) for compliance to FCC 47CFR 15.247 requirements.

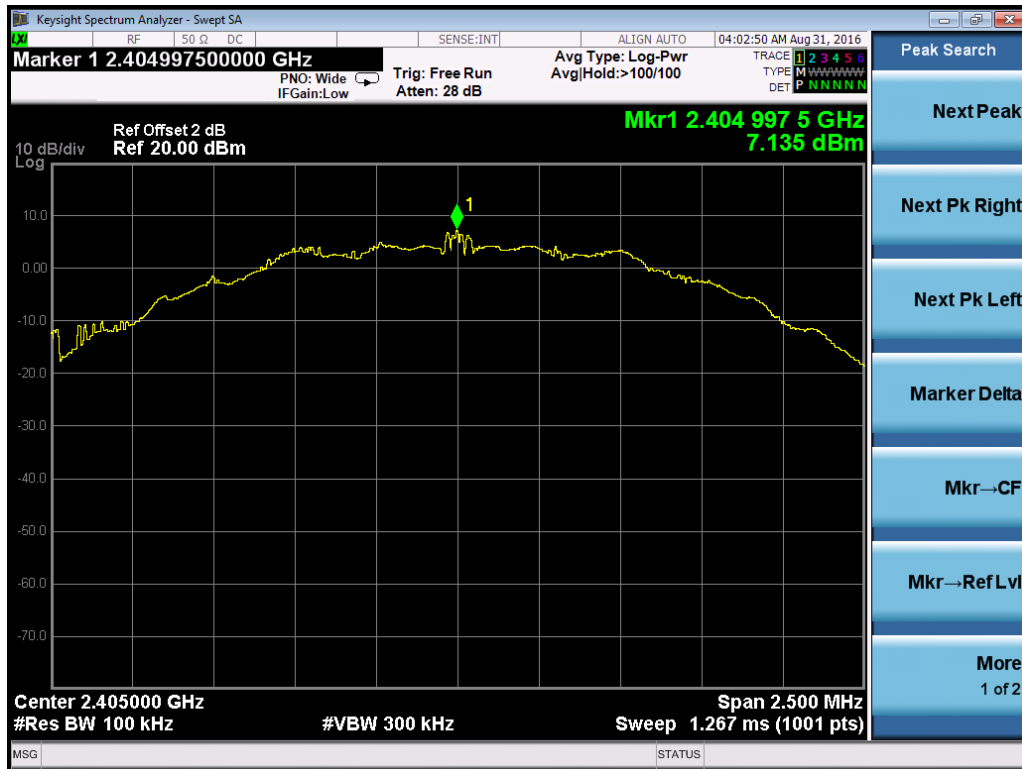
- a) Set analyzer center frequency to DTS channel center frequency.
- b) Set the span to 1.5 times the *DTS bandwidth*.
- c) Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- d) Set the VBW $\geq 3 \times \text{RBW}$.
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum amplitude level within the RBW.
- j) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

5.4 Test Protocol

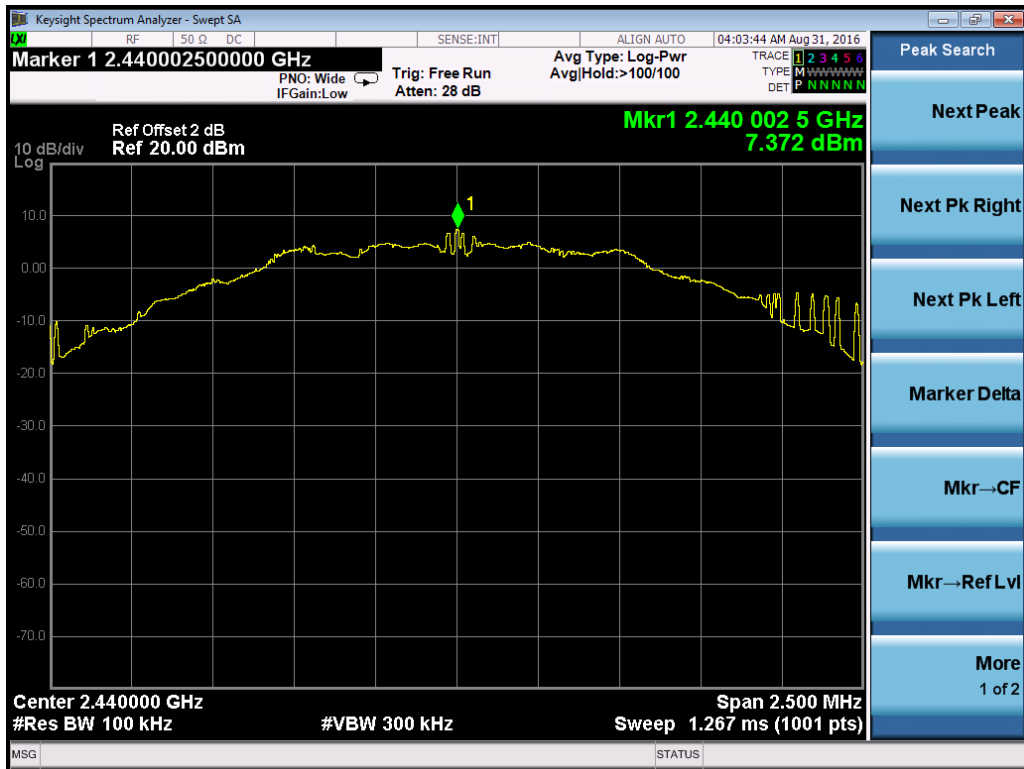
Temperature: 22°C
Relative Humidity: 54%

Mode	Channel	PSD (dBm)	RBW (kHz)	Limit (dBm)
-	L	7.135	100	8
	M	7.372	100	8
	H	7.289	100	8

Channel L



Channel M



Channel H



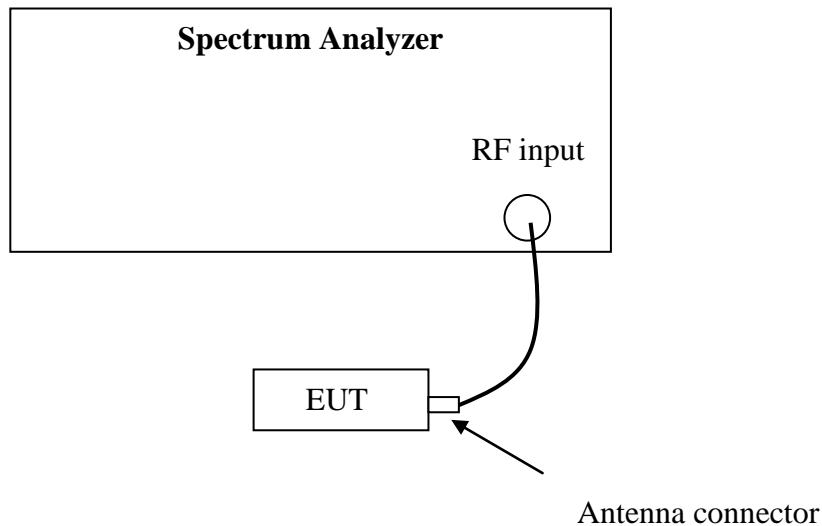
6 Emission outside the frequency band

Test result: Pass

6.1 Test limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power.

6.2 Test Configuration



6.3 Test procedure and test setup

The EUT was tested according to DTS test procedure of “KDB558074 D01 DTS Meas Guidance” (clause 11.0) for compliance to FCC 47CFR 15.247 requirements.

Reference level measurement

Establish a reference level by using the following procedure:

- a) Set instrument center frequency to DTS channel center frequency.
- b) Set the span to ≥ 1.5 times the *DTS bandwidth*.
- c) Set the RBW = 100 kHz.
- d) Set the VBW $\geq 3 \times$ RBW.
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.

- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum PSD level.

Note that the channel found to contain the maximum PSD level can be used to establish the reference level.

Emission level measurement

- a) Set the center frequency and span to encompass frequency range to be measured.
- b) Set the RBW = 100 kHz.
- c) Set the VBW $\geq 3 \times$ RBW.
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use the peak marker function to determine the maximum amplitude level.

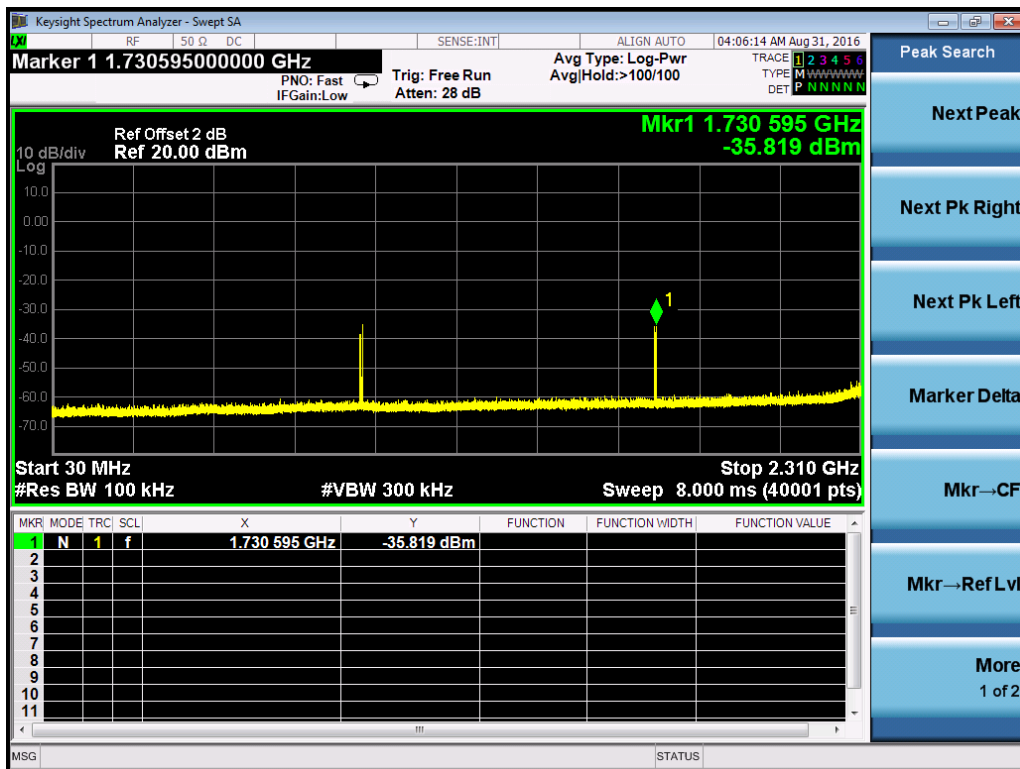
Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) are attenuated by at least the minimum requirements specified in 11.1 a) or 11.1 b). Report the three highest emissions relative to the limit.

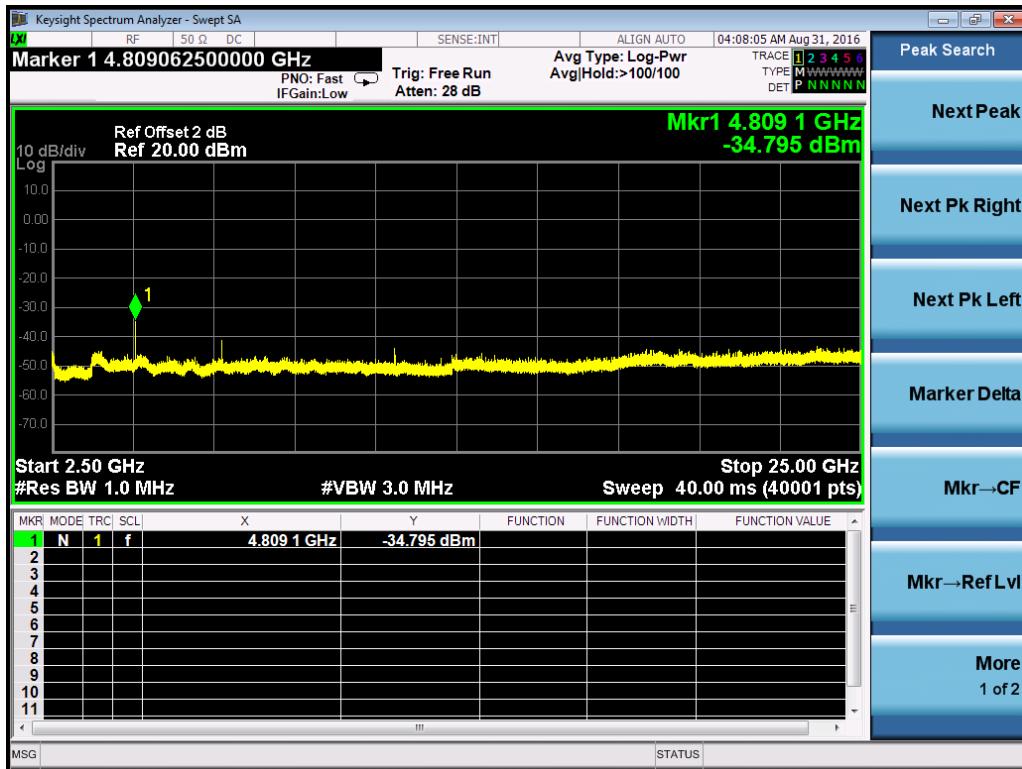
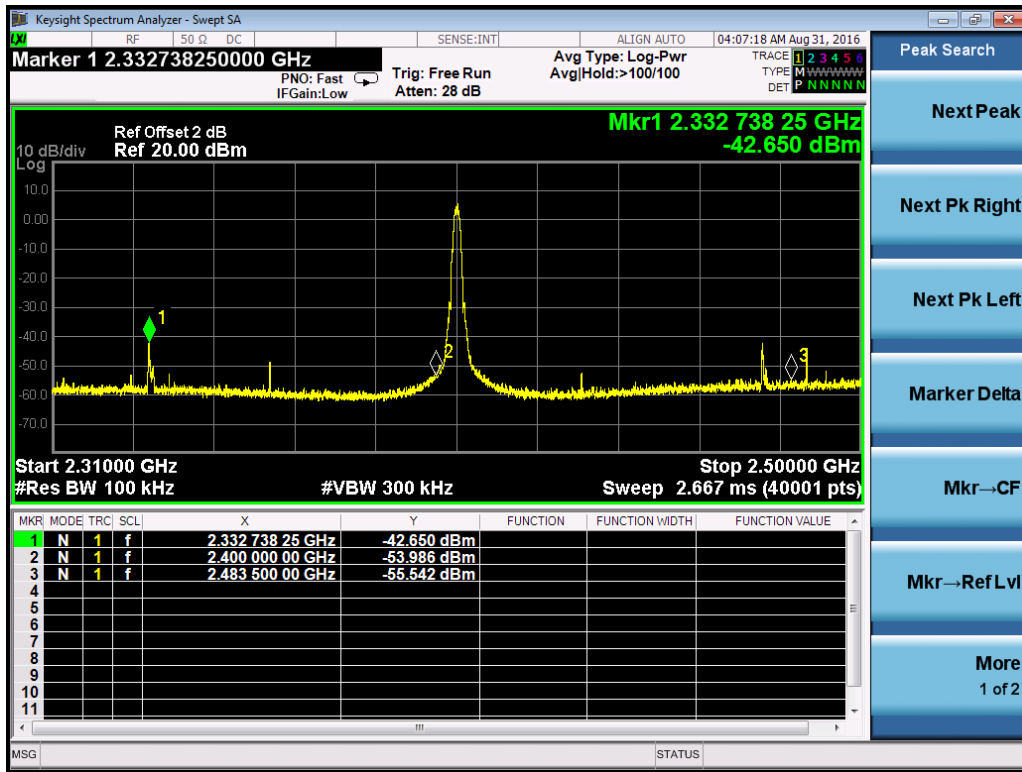
6.4 Test Protocol

Temperature: 22°C
Relative Humidity: 54%

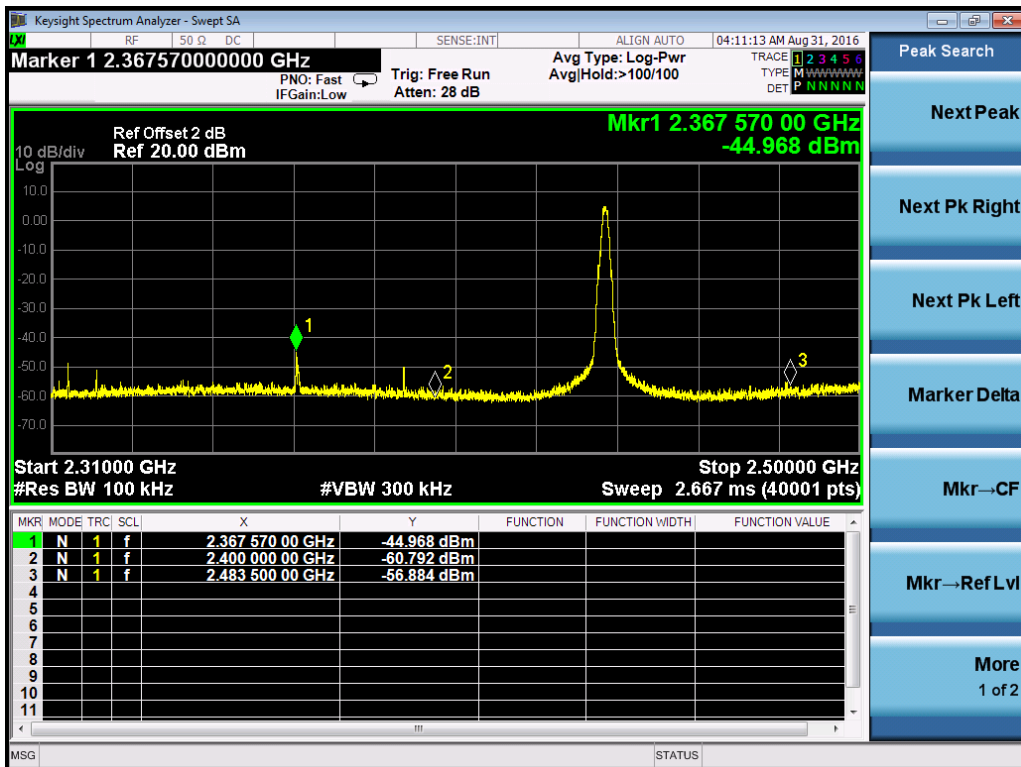
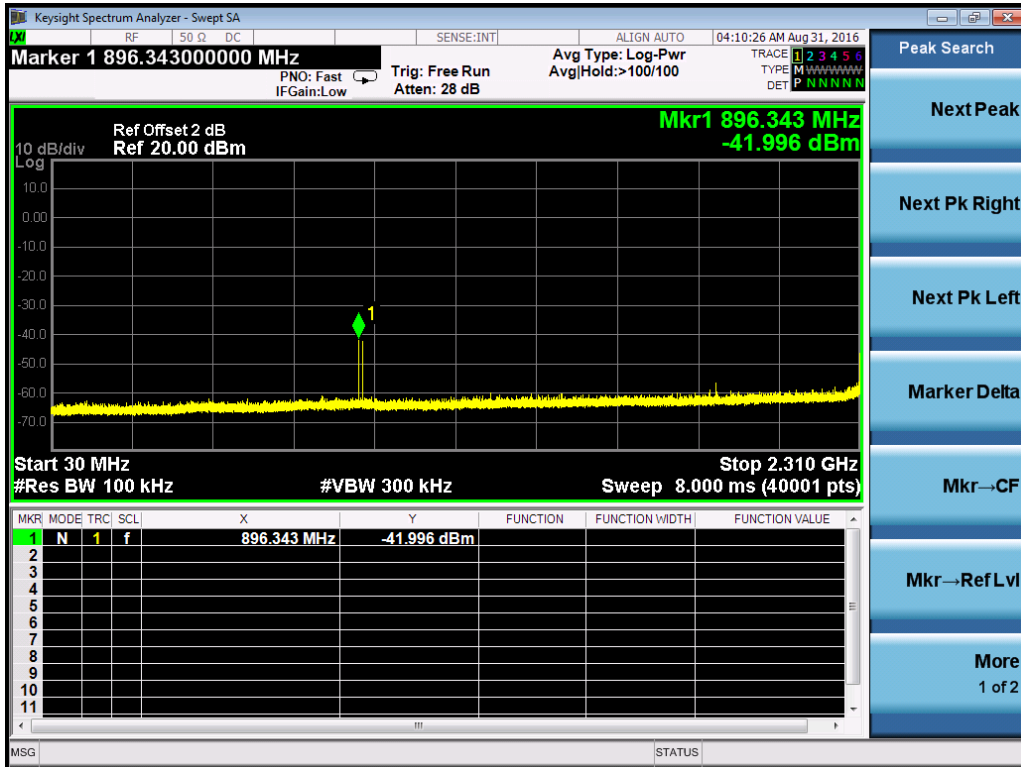
Mode	Channel	Reference Level (dBm)	Emission Level (dBm)	Limit (dBm)	Result
-	L	7.135	-34.795	≥20	Pass
	M	7.372	-35.459	≥20	Pass
	H	7.289	-35.204	≥20	Pass

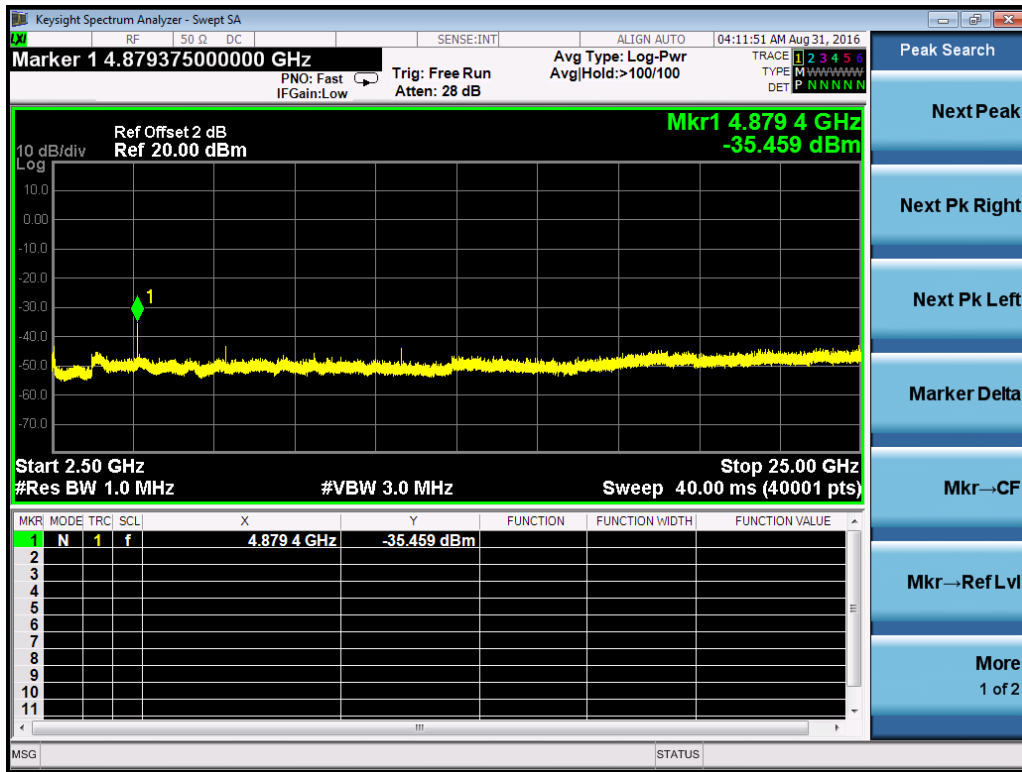
Channel L



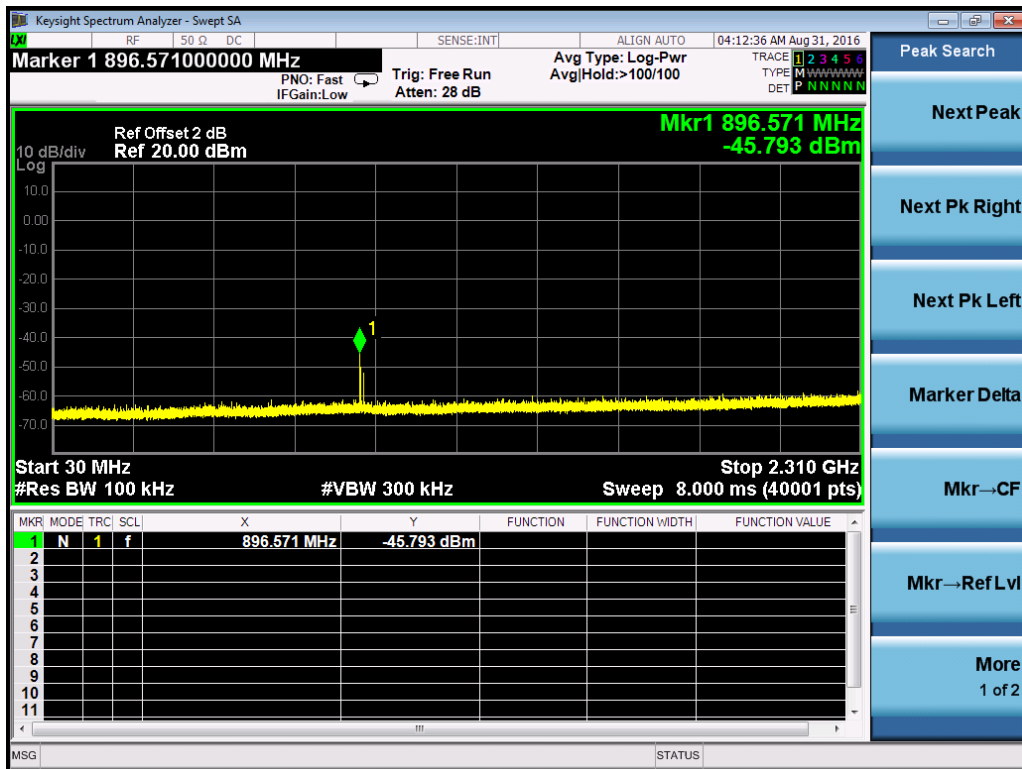


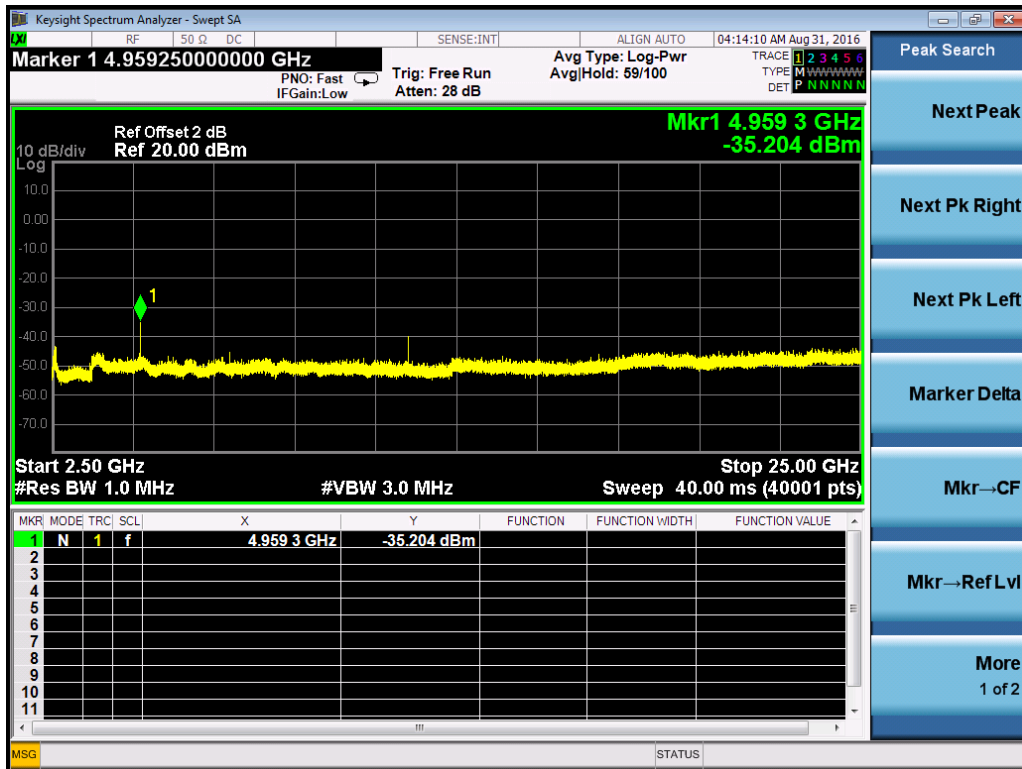
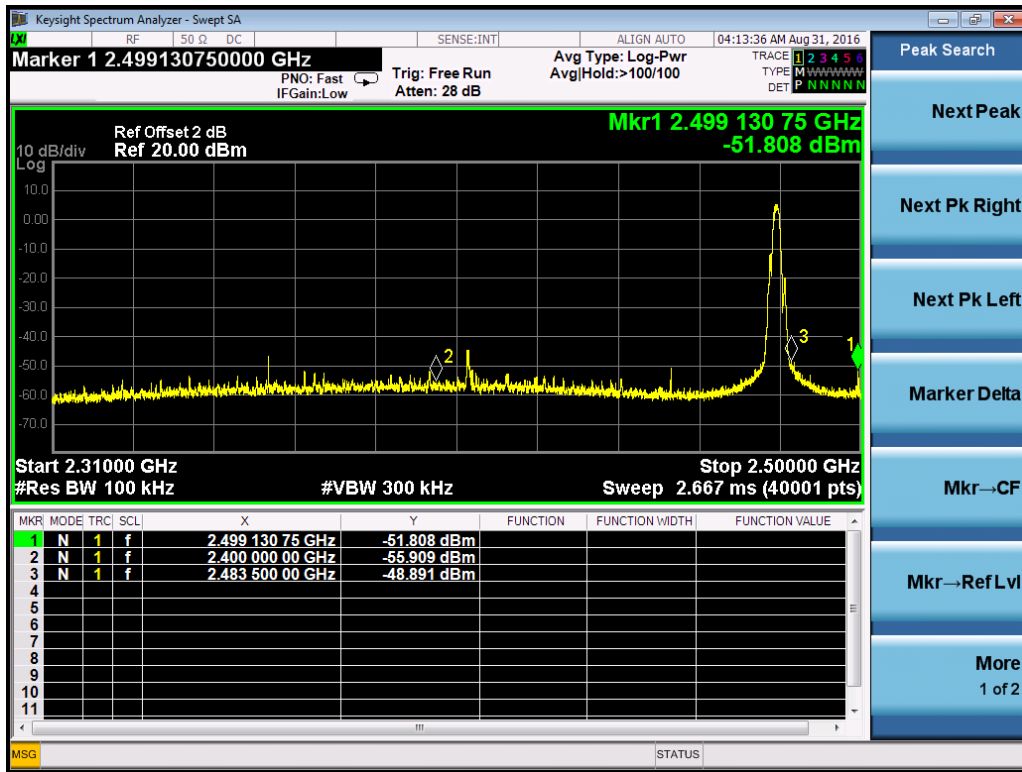
Channel M





Channel H





7 Radiated Emissions in restricted frequency bands

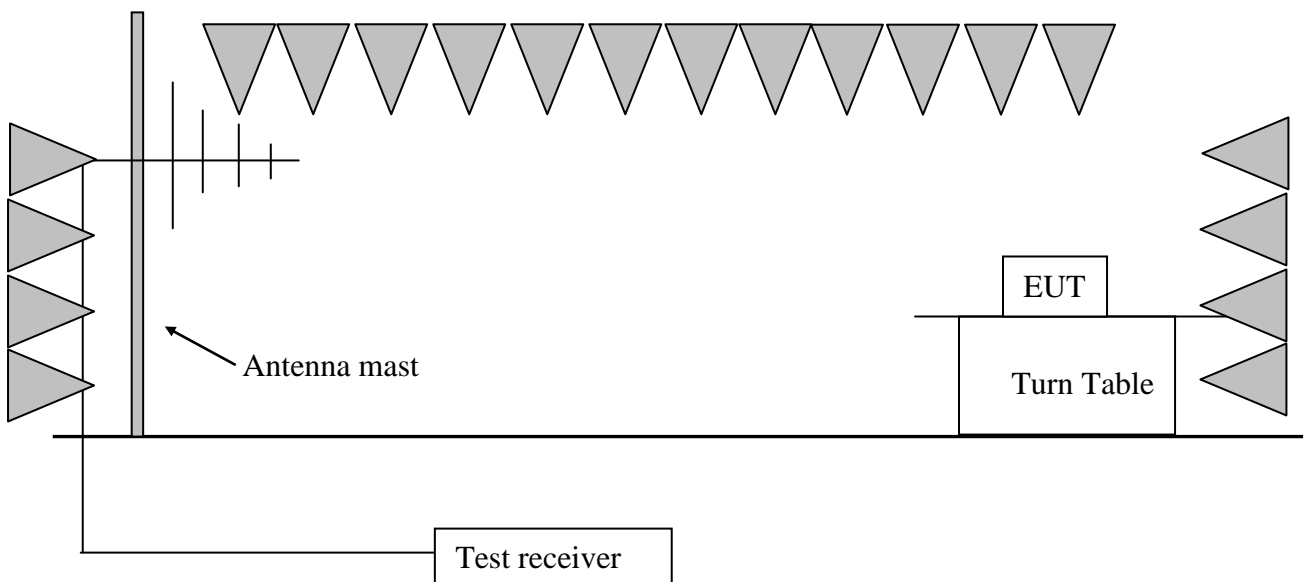
Test result: Pass

7.1 Test limit

The radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) showed as below:

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

7.2 Test Configuration



7.3 Test procedure and test setup

The measurement was applied in a semi-anechoic chamber. While testing for spurious emission higher than 1GHz, if applied, the pre-amplifier would be equipped just at the output terminal of the antenna.

Tabletop devices shall be placed on a nonconducting platform with nominal top surface dimensions 1 m by 1.5 m. For emissions testing at or below 1 GHz, the table height shall be 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height shall be 1.5 m.

The turntable rotated 360 degrees to determine the position of the maximum emission level. The EUT was set 3 meters away from the receiving antenna which was mounted on an antenna mast. The antenna moved up and down between from 1 meter to 4 meters to find out the maximum emission level.

The EUT was tested according to DTS test procedure of KDB558074 D01 DTS “Meas Guidance” for compliance to FCC 47CFR 15.247 requirements.

The radiated emission was measured using the Spectrum Analyzer with the resolutions bandwidth set as:

RBW = 300 Hz, VBW = 1 kHz (9 kHz~150 kHz);
RBW = 10 kHz, VBW = 30 kHz (150 kHz~30MHz);
RBW = 100 kHz, VBW = 300 kHz (30MHz~1GHz for PK)
RBW = 1MHz, VBW = 3MHz (>1GHz for PK);

Remark:

1. Factor= Antenna Factor + Cable Loss (-Amplifier, is employed)
2. Measured level= Original Receiver Reading + Factor
3. Margin = Limit – Measured level
4. If the PK measured level is lower than AV limit, the AV test can be elided.

Example:

Assuming Antenna Factor = 30.20dB/m, Cable Loss = 2.00dB,
Gain of Preamplifier = 32.00dB, Original Receiver Reading = 10dBuV.
Then Factor = 30.20 + 2.00 – 32.00 = 0.20dB/m;
Measured level = 10dBuV + 0.20dB/m = 10.20dBuV/m
Assuming limit = 54dBuV/m,
Measured level = 10.20dBuV/m, then Margin = 54 - 10.20 = 43.80dBuV/m.

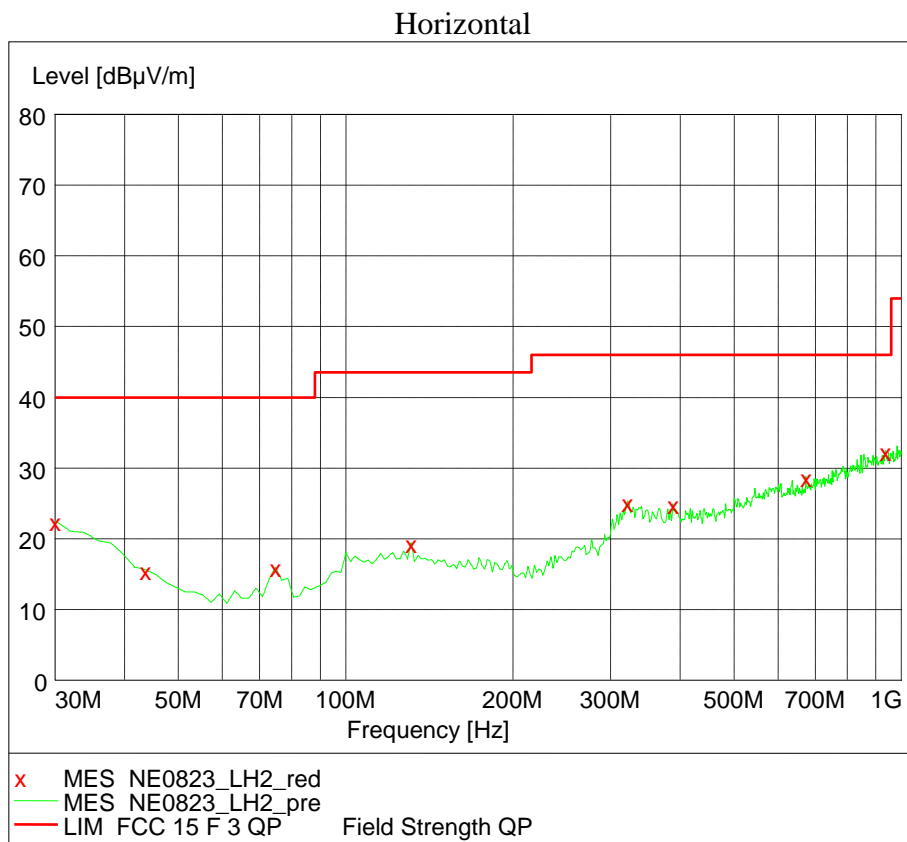
7.4 Test Protocol

Temperature: 22°C
Relative Humidity: 54%

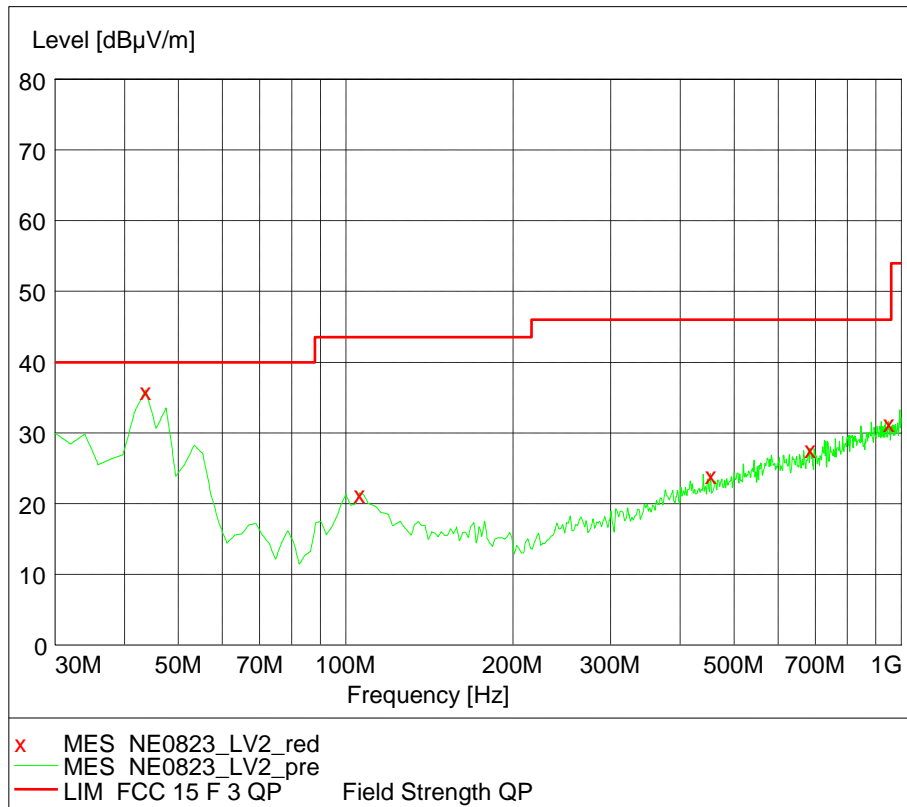
All the two models of product were tested and the worst data was listed in the report.

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

The worst waveform from 30MHz to 1000MHz is listed as below:



Vertical



Note: The worst test result (30MHz to 1GHz) of channel L (2405MHz) chosen to list in the report as representative.

Test result from 30MHz to 1000MHz:

Polarization	Frequency (MHz)	Corrected Reading (dBuV/m)	Correct Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector
H	30.00	22.50	20.7	40.0	17.50	PK
	321.58	25.30	16.9	46.0	20.70	PK
	673.43	28.80	22.9	46.0	17.20	PK
	935.85	32.50	25.9	46.0	13.50	PK
V	43.61	36.10	13.0	40.0	3.9	PK
	685.09	27.90	22.9	46.0	18.1	PK
	949.46	31.60	26.0	46.0	14.4	PK

Test result above 1GHz:

Channel	Antenna	Frequency (MHz)	Corrected Reading (dBuV/m)	Correct Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector
L	H	2402.20	93.10	34.34	Fundamental	/	PK
	H	2374.95	51.42	34.29	74.00	22.56	PK
	H	4803.61	39.80	2.10	74.00	34.20	PK
M	H	2440.28	91.60	34.48	Fundamental	/	PK
	H	4880.26	39.56	2.10	74.00	34.44	PK
H	H	2479.96	90.50	34.62	Fundamental	/	PK
	H	2483.55	53.95	34.63	74.00	20.05	PK
	H	4953.91	39.32	2.10	74.00	34.68	PK

- Remark: 1. Correct Factor = Antenna Factor + Cable Loss (-Amplifier, is employed)
 2. Corrected Reading = Original Receiver Reading + Correct Factor
 3. Margin = limit – Corrected Reading

Example: Assuming Antenna Factor = 30.20dB/m, Cable Loss = 2.00dB,
 Gain of Preamplifier = 32.00dB, Original Receiver Reading = 10dBuV.
 Then Correct Factor = 30.20 + 2.00 – 32.00 = 0.20dB/m; Corrected Reading = 10dBuV + 0.20dB/m = 10.20dBuV/m
 Assuming limit = 54dBuV/m, Corrected Reading = 10.20dBuV/m, then
 Margin = 54 - 10.20 = 43.80dBuV/m

8 Power line conducted emission

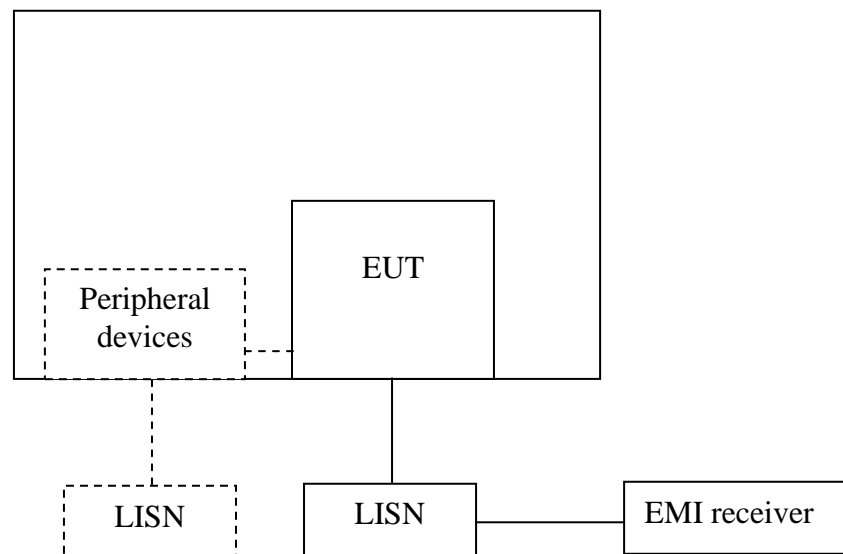
Test result: Pass

8.1 Limit

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	QP	AV
0.15-0.5	66 to 56*	56 to 46 *
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

8.2 Test configuration



For table top equipment, wooden support is 0.8m height table

For floor standing equipment, wooden support is 0.1m height rack.

8.3 Test procedure and test set up

Measured levels of ac power-line conducted emission shall be the emission voltages from the voltage probe, where permitted, or across the 50 Ω LISN port (to which the EUT is connected), where permitted, terminated into a 50 Ω measuring instrument. All emission voltage and current measurements shall be made on each current-carrying conductor at the plug end of the EUT power cord by the use of mating plugs and receptacles on the LISN, if used. Equipment shall be tested with power cords that are normally supplied or recommended by the manufacturer and that have electrical and shielding characteristics that are the same as those cords normally supplied or recommended by the manufacturer. For those measurements using a LISN, the 50 Ω measuring port is terminated by a measuring instrument having 50 Ω input impedance. All other ports are terminated in 50 Ω loads.

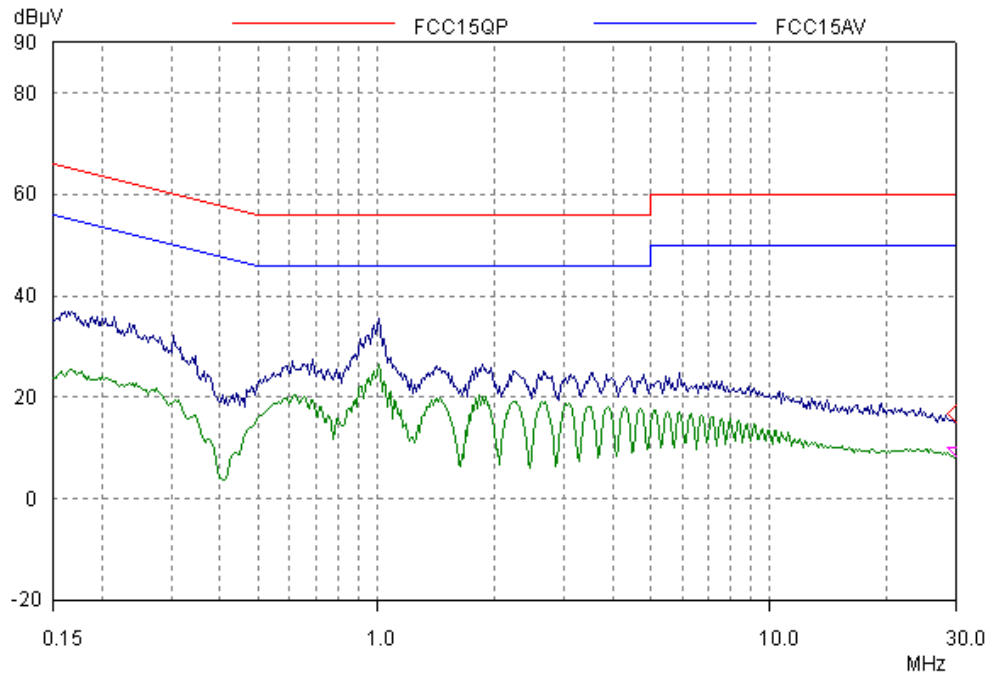
Tabletop devices shall be placed on a platform of nominal size 1 m by 1.5 m, raised 80 cm above the reference ground plane. The vertical conducting plane or wall of an RF-shielded (screened) room shall be located 40 cm to the rear of the EUT. Floor-standing devices shall be placed either directly on the reference ground-plane or on insulating material as described in ANSI C63.4. All other surfaces of tabletop or floor-standing EUTs shall be at least 80 cm from any other grounded conducting surface, including the case or cases of one or more LISNs.

The bandwidth of the test receiver is set at 9 kHz.

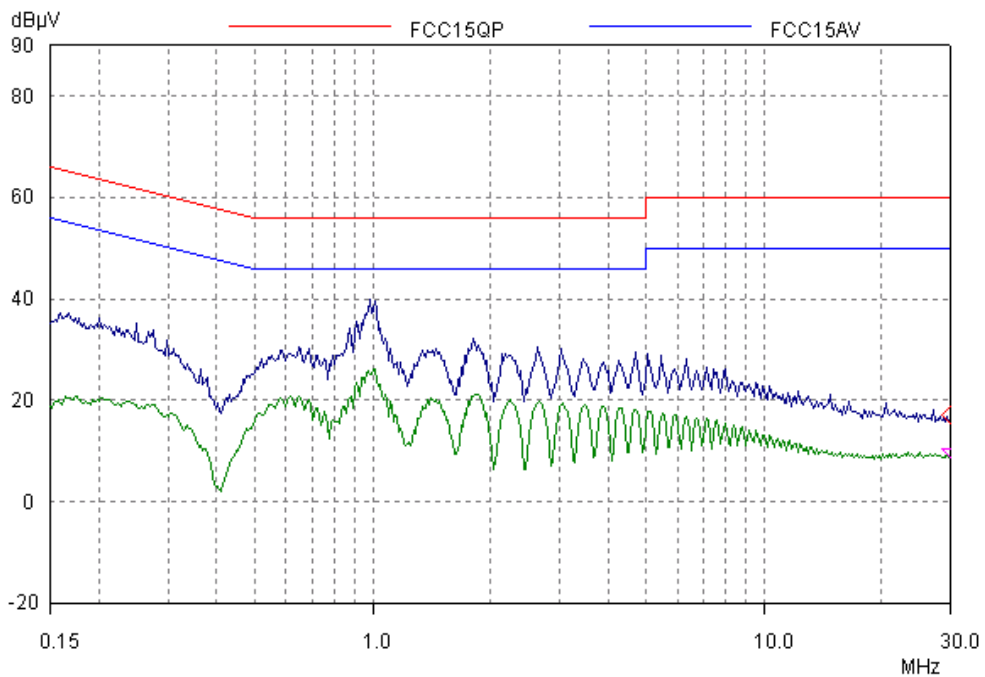
8.4 Test protocol

Temperature: 22°C
Relative Humidity: 54%

L line:



N line:



9 Antenna requirement

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.

Result:

EUT uses permanently attached antenna to the intentional radiator, so it can comply with the provisions of this section.

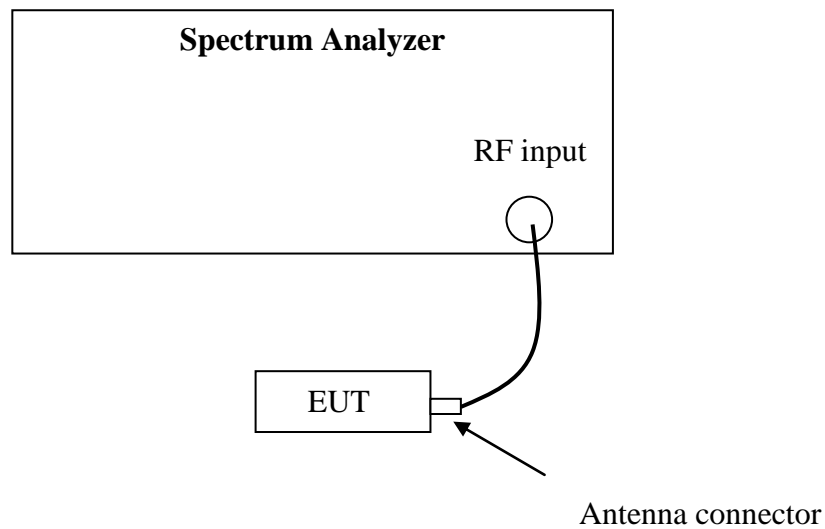
10 Occupied Bandwidth

Test Status: Tested

10.1 Test limit

None

10.2 Test Configuration



10.3 Test procedure and test setup

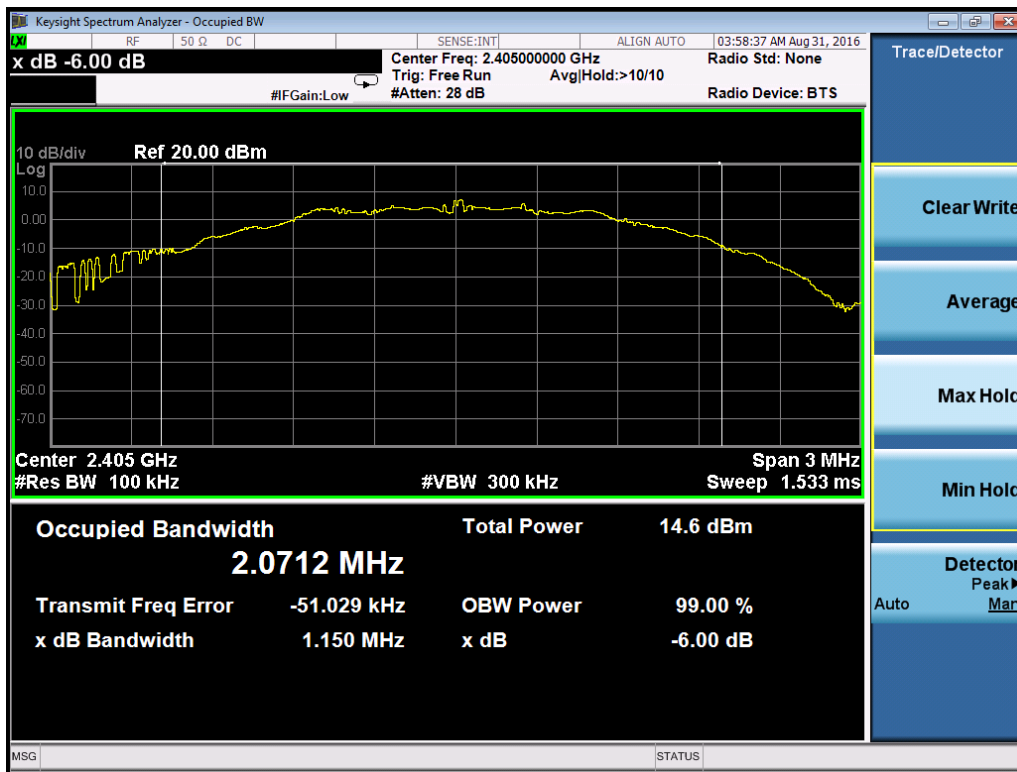
The occupied bandwidth per RSS-Gen Issue 4 Clause 6.6 was measured using the Spectrum Analyzer.

10.4 Test protocol

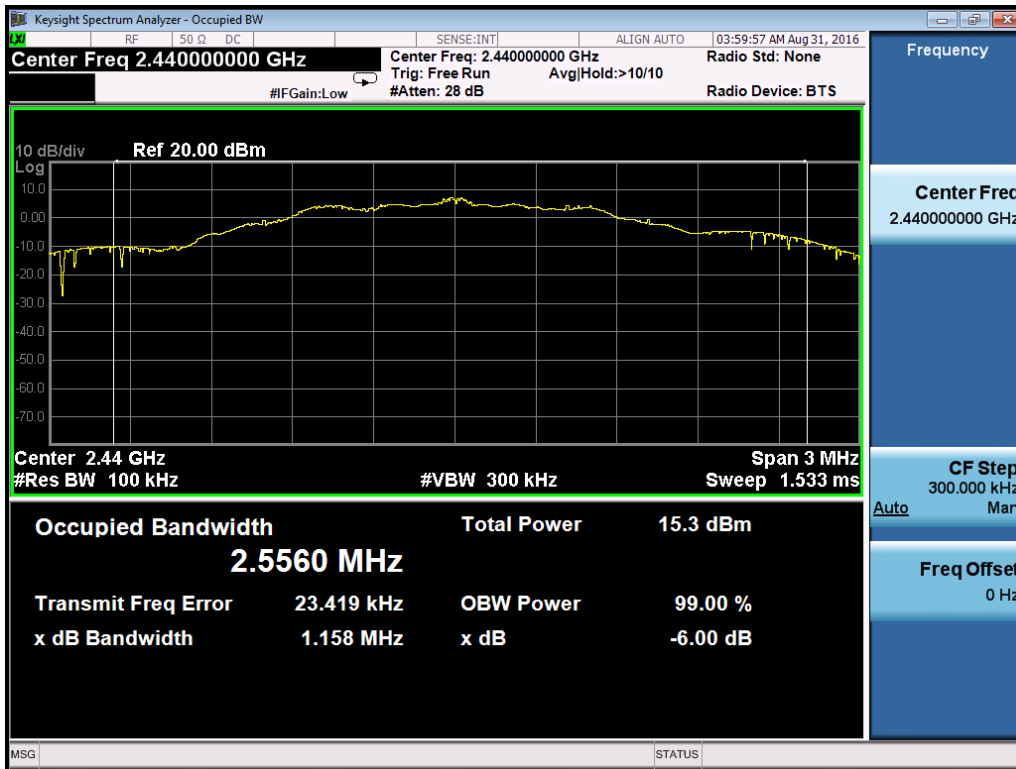
Temperature : 22 °C
Relative Humidity : 54 %

Mode	Mode	99% Bandwidth (MHz)
-	L	2.0712
	M	2.5560
	H	2.6242

Channel L



Channel M



Channel H

