



REPORT No.: SZ15090025W07

FCC RF TEST REPORT

APPLICANT : Testo Instruments (Shenzhen) Co., Ltd
PRODUCT NAME : testo 905i
MODEL NAME : testo 905i
TRADE NAME : testo
BRAND NAME : testo
FCC ID : 2ACVD-1905
STANDARD(S) : 47 CFR Part 15 Subpart C
ISSUE DATE : 2015-11-17



SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.

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| Change History | | |
|----------------|------------|-------------------|
| Issue | Date | Reason for change |
| 1.0 | 2015-11-17 | First edition |
| | | |

**TEST REPORT DECLARATION**

| | |
|----------------------|---|
| Applicant | Testo Instruments (Shenzhen) Co., Ltd |
| Applicant Address | Block A, B4 Building, China Merchants Guangming Sci&Tech Park, No.3009 Guan Guang Road, Guangming New District, Shenzhen City |
| Manufacturer | Testo Instruments (Shenzhen) Co., Ltd |
| Manufacturer Address | Block A, B4 Building, China Merchants Guangming Sci&Tech Park, No.3009 Guan Guang Road, Guangming New District, Shenzhen City |
| Product Name | testo 905i |
| Model Name | testo 905i |
| Brand Name | testo |
| HW Version | V1.1 |
| SW Version | V1.0 |
| Test Standards | 47 CFR Part 15 Subpart C |
| Test Date | 2015-10-17 to 2015-10-30 |
| Test Result | PASS |

Tested by : Zou Jian
Zou Jian(Test Engineer)

Reviewed by : Qiu Xiaojun
Qiu Xiaojun(RF Manager)

Approved by : Zeng Dexin
Zeng Dexin(Chief Engineer)



1. TECHNICAL INFORMATION

Note: Provide by applicant.

1.1 Applicant Information

| | |
|----------|--|
| Company: | Testo Instruments (Shenzhen) Co., Ltd |
| Address: | Block A, B4 Building, China Merchants Guangming Sci&Tech Park, No.3009 Guan Guang Road, Guangming New District, Shenzhen City |

1.2 Equipment under Test (EUT) Description

| | |
|------------------|--|
| Brand Name: | testo |
| Trade Name: | testo |
| Model Name: | testo 905i |
| Serial number | 49500375 |
| Frequency Range: | The frequency range used is 2402MHz - 2480MHz (40 channels, at intervals of 2MHz); |
| Modulation Type: | GFSK |
| Antenna Type: | PCB Antenna |
| Antenna Gain: | 4.23dBi |

NOTE:

The EUT is a testo 905i, it contain Bluetooth 4.0 LE Module operating at 2.4GHz ISM band; the frequencies allocated for the Bluetooth 4.0 LE is $F(\text{MHz})=2402+2*n$ ($0 \leq n \leq 39$). The lowest, middle, highest channel numbers of the Bluetooth Module used and tested in this report are separately 0 (2402MHz), 19 (2440MHz) and 39 (2480MHz).

For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

1.2.1 Identification of all used EUTs

The EUT identity consists of numerical and letter characters, the letter character indicates the test sample, and the following two numerical characters indicate the software version of the test sample.

| EUT Identity | Hardware Version | Software Version |
|--------------|------------------|------------------|
| A01 | V1.1 | V1.0 |



1.3 Test Standards and Results

The objective of the report is to perform testing according to 47 CFR Part 15 Subpart C (Bluetooth, 2.4GHz ISM band radiators) for the EUT FCC ID Certification:

| No. | Identity | Document Title |
|-----|-------------------------------------|-------------------------|
| 1 | 47 CFR Part 15 (10-1-13 Edition) | Radio Frequency Devices |

Test detailed items/section required by FCC rules and results are as below:

| No. | Section | Description | Test Date | Result |
|-----|-----------------------------|--|--------------|-------------|
| 1 | 15.203 | Antenna Requirement | N.A | <u>PASS</u> |
| 2 | 15.247(b) | Peak Output Power | Oct 17 2015 | <u>PASS</u> |
| 3 | 15.247(a) | Bandwidth | Oct 17, 2015 | <u>PASS</u> |
| 4 | 15.247(d) | Conducted Spurious Emission and Band Edge | Oct 17, 2015 | <u>PASS</u> |
| 5 | 15.247(d) | Restricted Frequency Bands | Oct 26, 2015 | <u>PASS</u> |
| 6 | 15.207 | Conducted Emission | Oct 26, 2015 | <u>PASS</u> |
| 7 | 15.209 ,15.247(d) | Radiated Emission | Oct 26, 2015 | <u>PASS</u> |
| 8 | 15.247(e) | Power spectral density (PSD) | Oct 17 2015 | <u>PASS</u> |
| 9 | 15.247(i),1.1307& 2.1093 | RF exposure evaluation | N.A | <u>PASS</u> |

The tests of Conducted Emission and Radiated Emission were performed according to the method of measurements prescribed in ANSI C63.4 2009.

These RF tests were performed according to the method of measurements prescribed in KDB558074 D01 v03r03 (09/06/2015).

1.3.1 Test Environment Conditions

During the measurement, the environmental conditions were within the listed ranges:

| | |
|-----------------------------|---------|
| Temperature (°C): | 15 - 35 |
| Relative Humidity (%): | 30 -60 |
| Atmospheric Pressure (kPa): | 86-106 |

2. 47 CFR PART 15C REQUIREMENTS

2.1 Antenna requirement

2.1.1 Applicable Standard

According to FCC 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.

2.1.2 Result: Compliant

The EUT has a permanently and irreplaceable attached antenna. Please refer to the EUT internal photos.

2.2 Peak Output Power

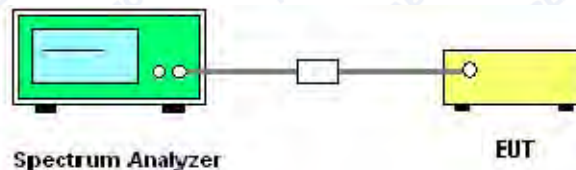
2.2.1 Requirement

According to FCC section 15.247(b)(3), For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: The maximum peak conducted output power of the intentional radiator shall not exceed 1 Watt.

2.2.2 Test Description

The measured output power was calculated by the reading of the spectrum analyzer and calibration.

A. Test Setup:



The EUT (Equipment under the test) which is powered by the Battery is coupled to the Spectrum analyzer; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading, all test result in Spectrum analyzer.

B. Equipments List:

Please reference ANNEX A (1.4).



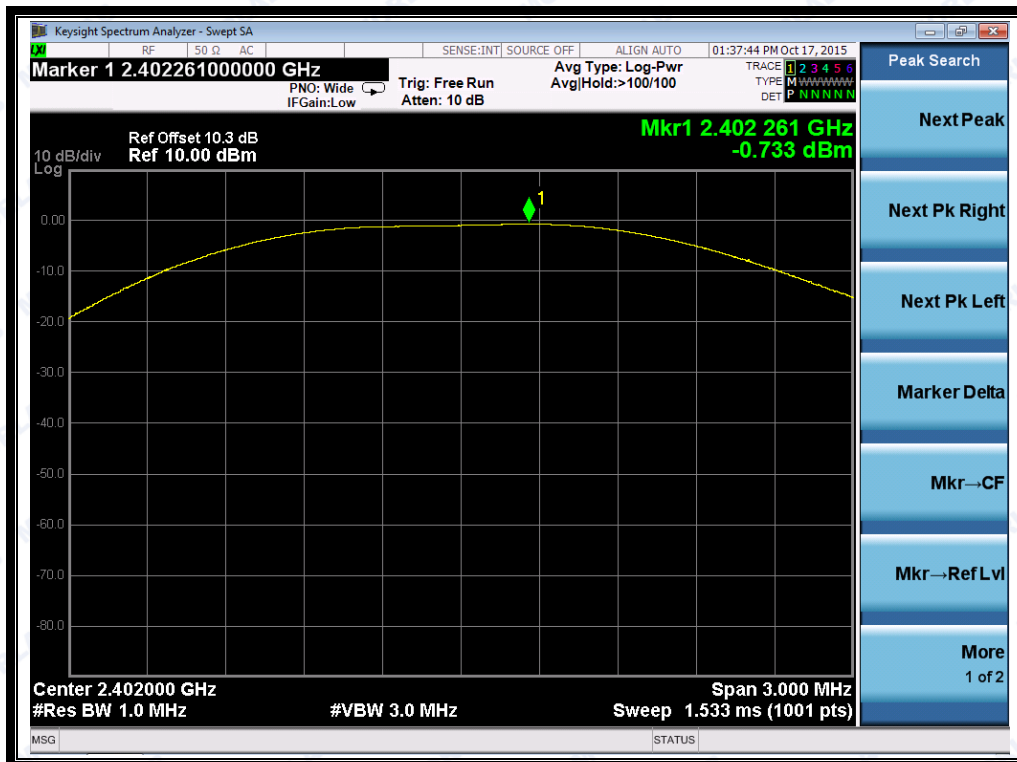
2.2.3 Test Result

The lowest, middle and highest channels are selected to perform testing to verify the conducted RF output peak power of the Module.

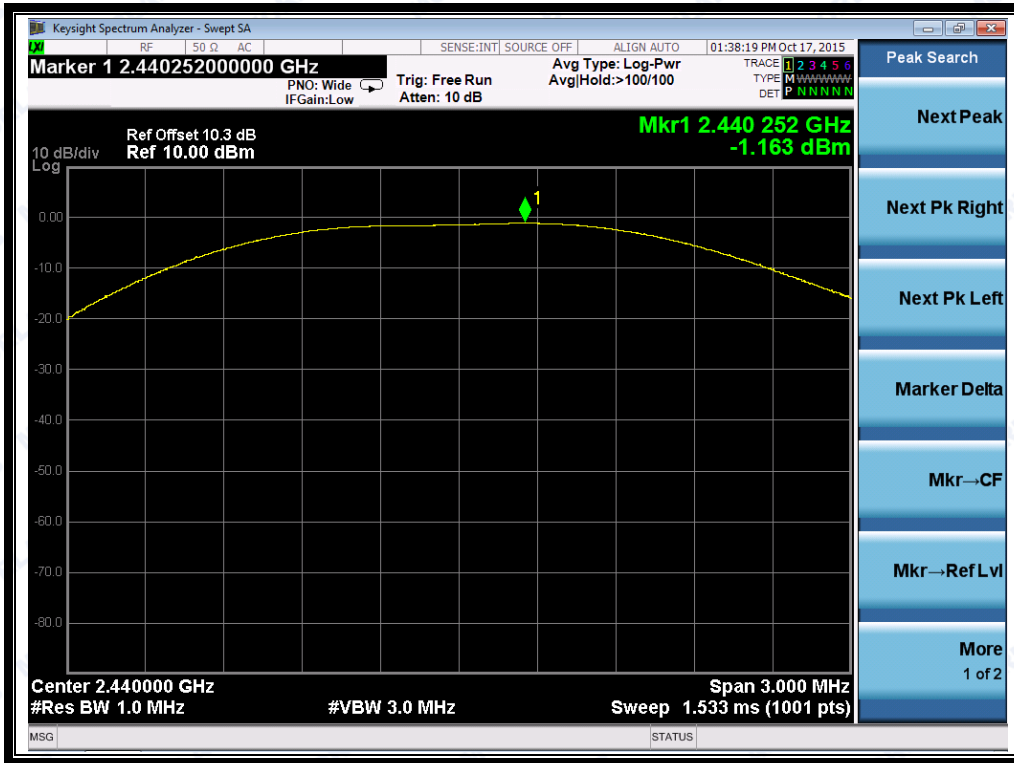
A. Test Verdict:

| Channel | Frequency (MHz) | Measured Output Peak Power | | Refer to Plot | Limit | | Verdict |
|---------|-----------------|----------------------------|----------|---------------|-------|---|---------|
| | | dBm | W | | dBm | W | |
| 0 | 2402 | -0.733 | 0.000845 | Plot A | 30 | 1 | PASS |
| 19 | 2440 | -1.163 | 0.000765 | Plot B | | | PASS |
| 39 | 2480 | -1.579 | 0.000695 | Plot C | | | PASS |

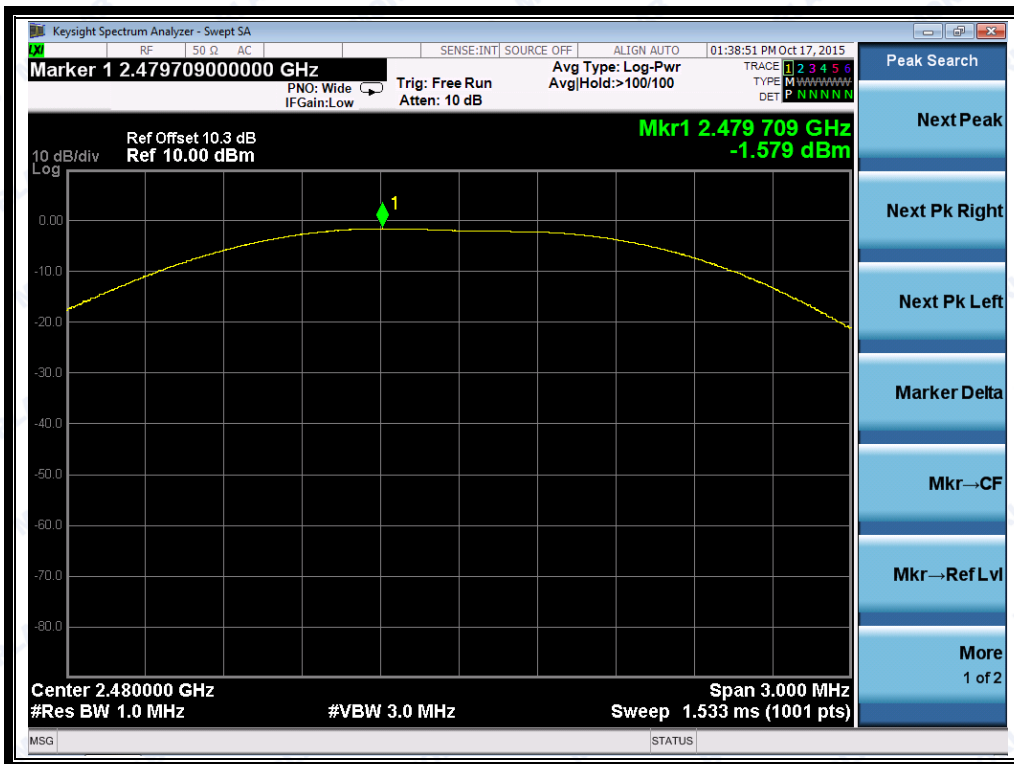
B. Test Plots:



(Plot A: Channel 0: 2402MHz)



(Plot B: Channel 19: 2440MHz)



(Plot C: Channel 39: 2480MHz)

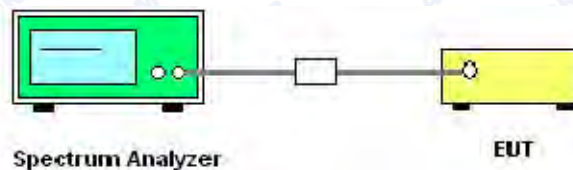
2.3 6dB Bandwidth

2.3.1 Requirement

According to FCC section 15.247(a) (2), Systems using digital modulation techniques 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.

2.3.2 Test Description

A. Test Set:



The EUT which is powered by the battery, is coupled to the Spectrum Analyzer; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading.

Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. In order to make an accurate measurement, set the span greater than RBW.

B. Equipments List:

Please reference ANNEX A(1.4).

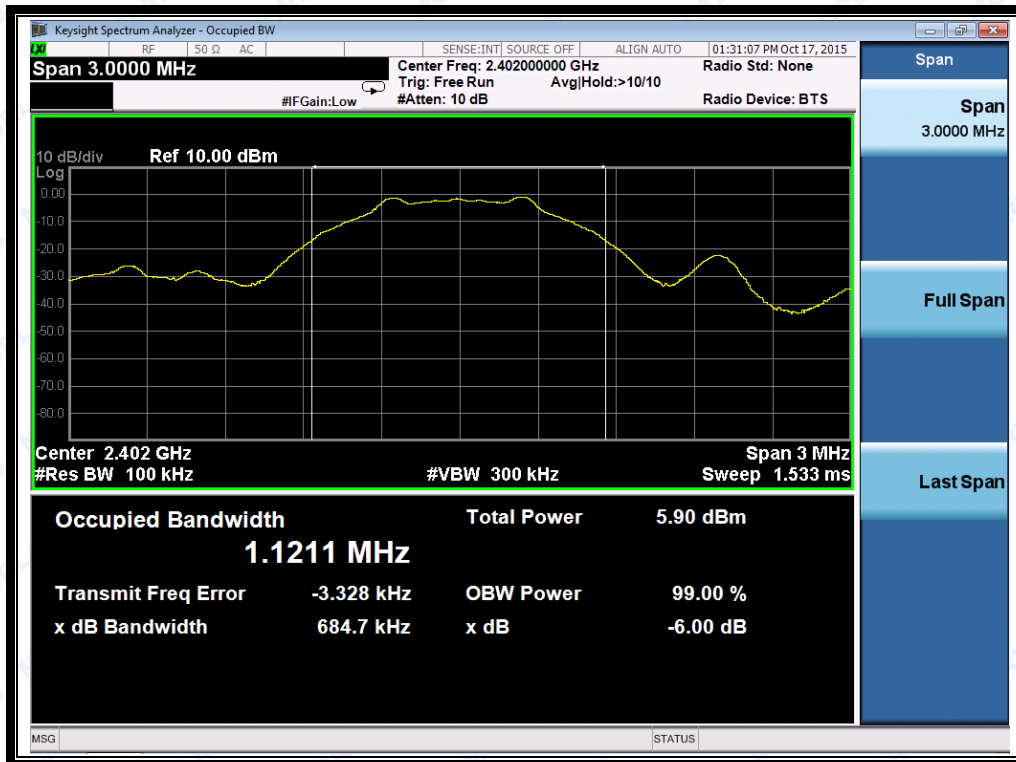
2.3.3 Test Result

The lowest, middle and highest channels are selected to perform testing to record the 6 dB bandwidth of the module.

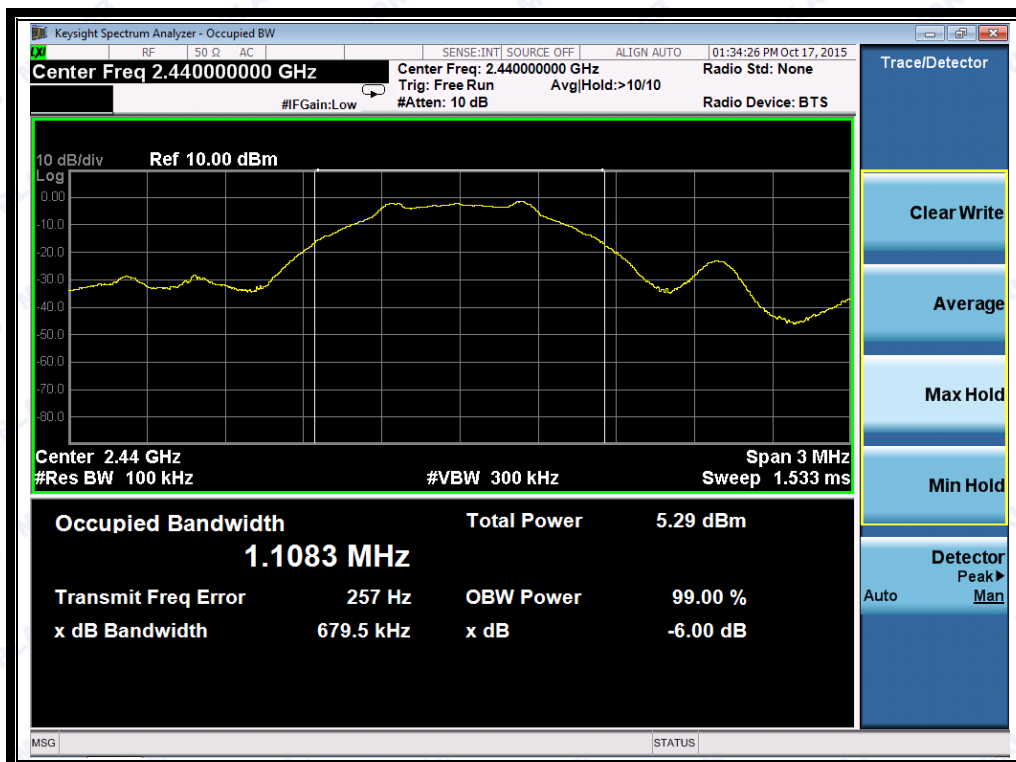
A. Test Verdict:

| Channel | Frequency (MHz) | 6 dB Bandwidth (MHz) | Refer to Plot | Limits(kHz) | Result |
|---------|-----------------|----------------------|---------------|-------------|--------|
| 0 | 2402 | 0.6847 | Plot A | ≥500 | PASS |
| 19 | 2440 | 0.6795 | Plot B | ≥500 | PASS |
| 39 | 2480 | 0.6711 | Plot C | ≥500 | PASS |

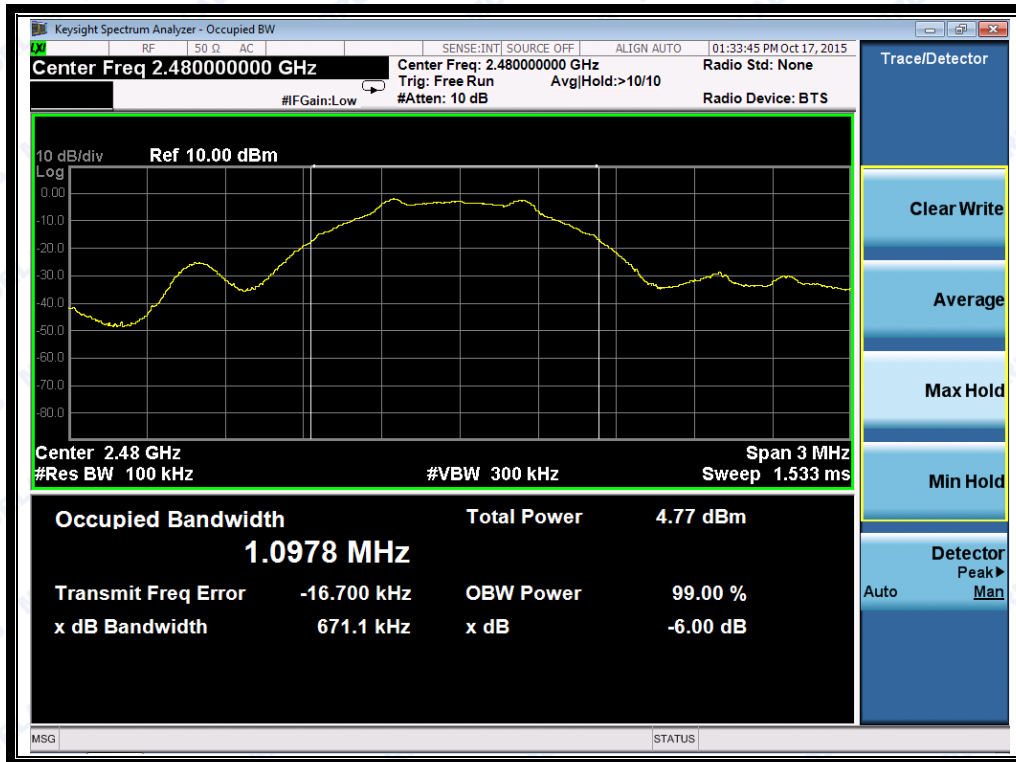
B. Test Plots:



(Plot A: Channel 0: 2402MHz)



(Plot B: Channel 19: 2440 MHz)



(Plot C: Channel 39: 2480MHz)

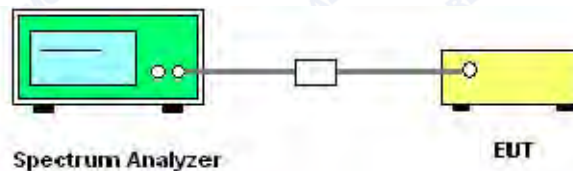
2.4 Conducted Spurious Emissions and Band Edge

2.4.1 Requirement

According to FCC section 15.247(d), in any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

2.4.2 Test Description

A. Test Set:



The EUT which is powered by the Battery, is coupled to the Spectrum Analyzer; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading.

Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. In order to make an accurate measurement, set the span greater than RBW.

B. Equipments List:

Please reference ANNEX A (1.4).

2.4.3 Test Result

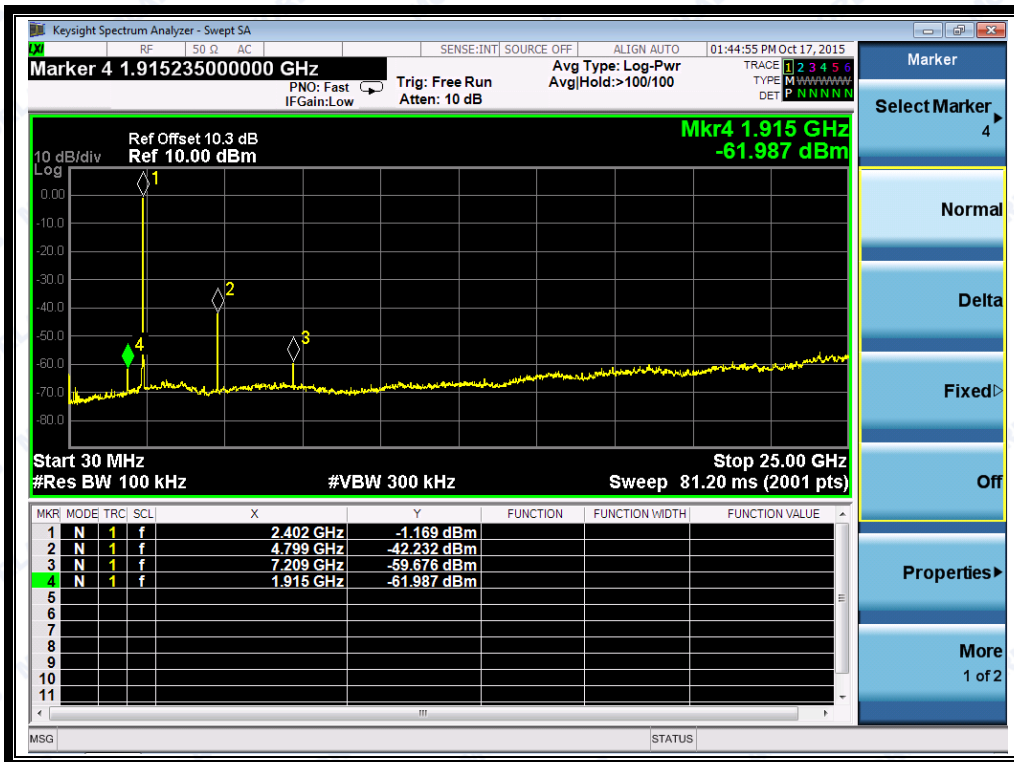
The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions.

A. Test Verdict:

| Channel | Frequency (MHz) | Measured Max. Out of Band Emission (dBm) | Refer to Plot | Limit (dBm) | | Verdict |
|---------|-----------------|--|---------------|---------------|-------------------------|---------|
| | | | | Carrier Level | Calculated -20dBc Limit | |
| 0 | 2402 | -42.232 | Plot A.1 | -1.169 | -21.169 | PASS |
| 19 | 2440 | -43.875 | Plot B.1 | -1.854 | -21.854 | PASS |
| 39 | 2480 | -43.754 | Plot C.1 | -1.833 | -21.833 | PASS |

B. Test Plots:

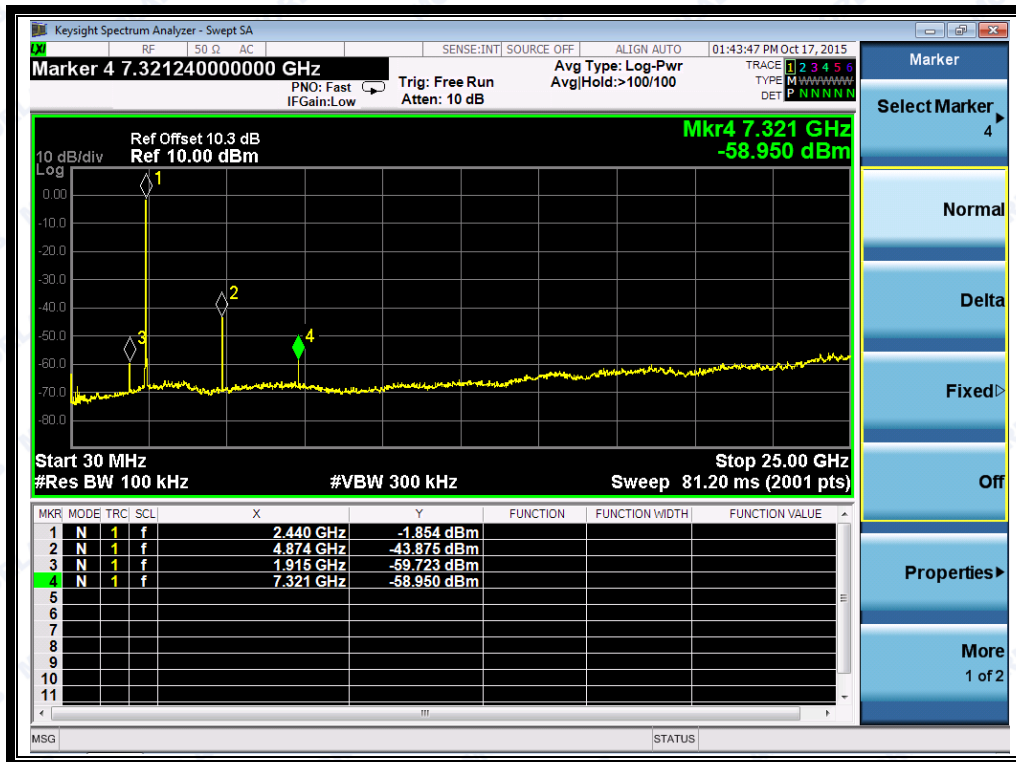
Note: the power of the Module transmitting frequency should be ignored.



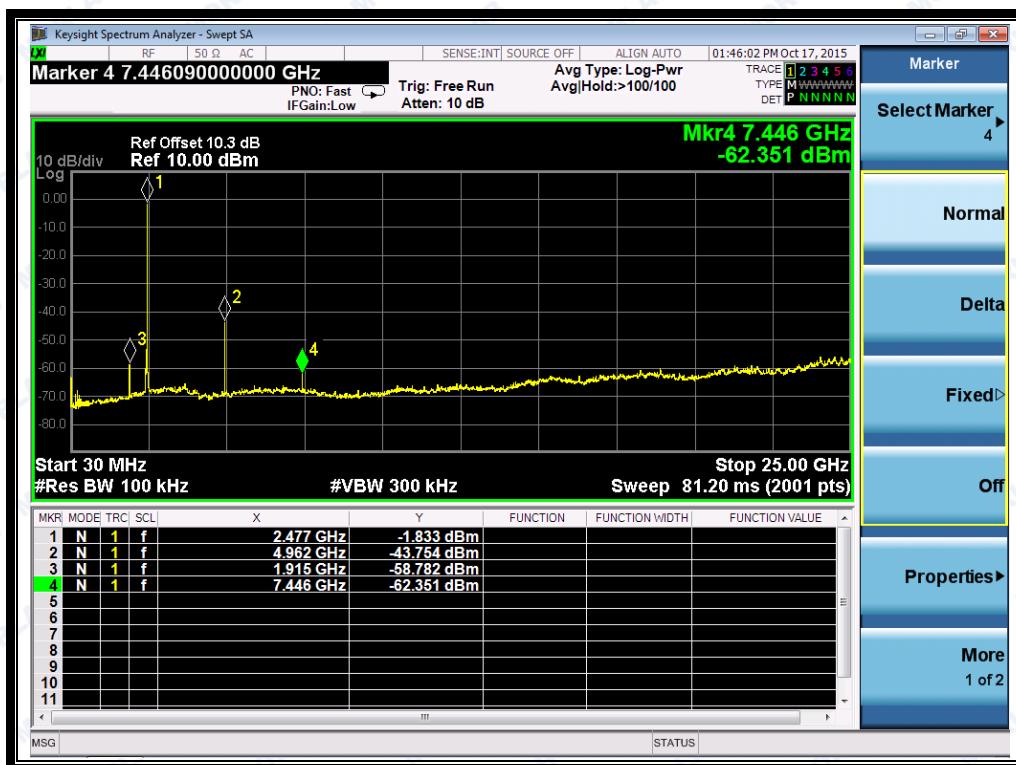
(Plot A.1: Channel = 0, 30MHz to 25GHz)



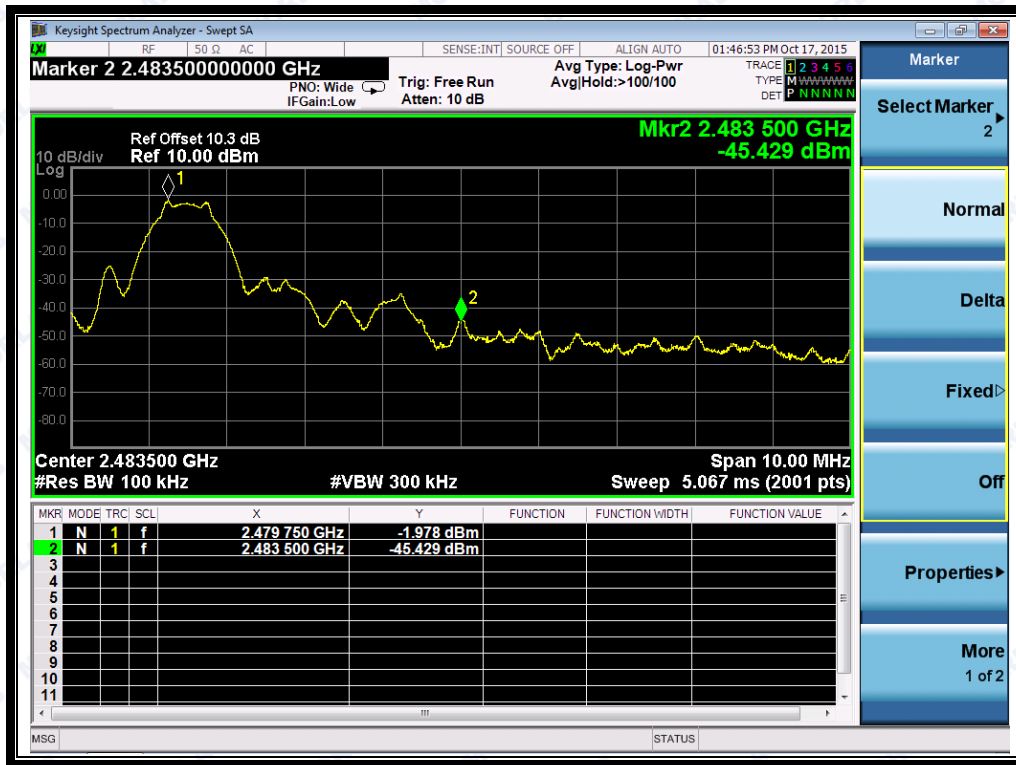
(Band Edge@ Channel = 0)



(Plot B.1: Channel = 19, 30MHz to 25GHz)



(Plot C.1: Channel = 39, 30MHz to 25GHz)



(Band Edge@ Channel = 39)

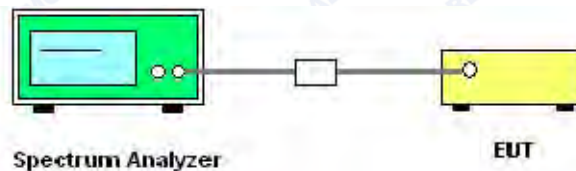
2.5 Power spectral density (PSD)

2.5.1 Requirement

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. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

2.5.2 Test Description

A. Test Set:



The EUT which is powered by the battery, is coupled to the Spectrum Analyzer; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading.

B. Equipments List:

Please reference ANNEX A (1.4).

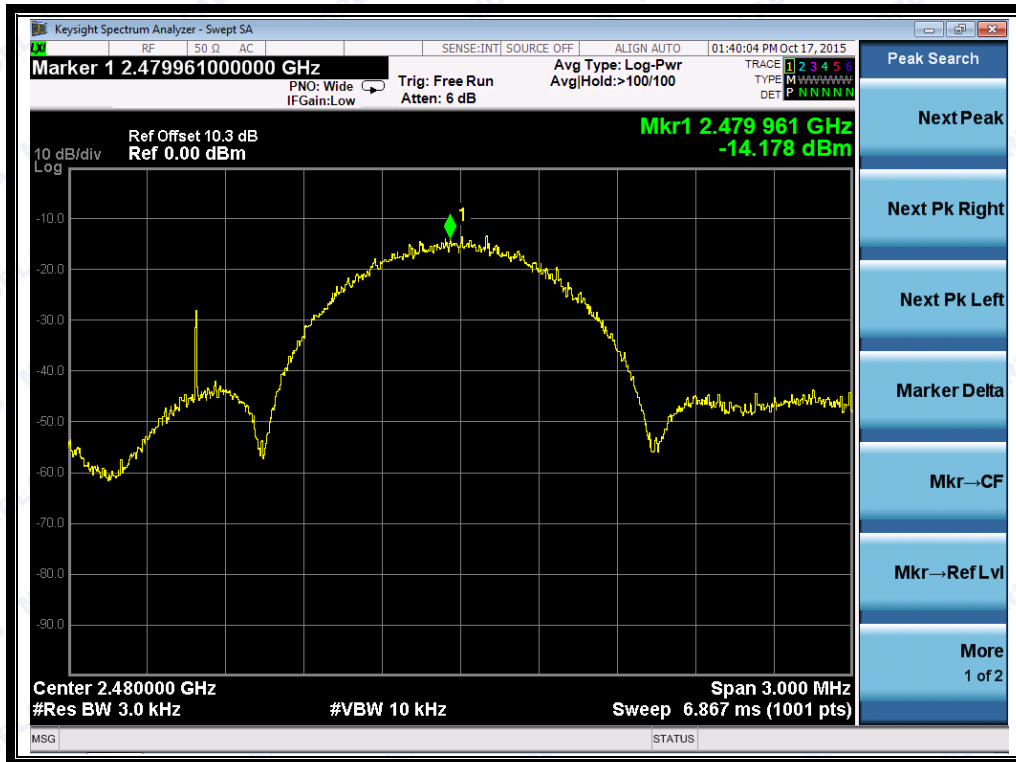
2.5.3 Test Result

The lowest, middle and highest channels are tested.

A. Test Verdict:

| Spectral power density (dBm/3kHz) | | | | | |
|---------------------------------------|-----------------|-------------------------|---------------|------------------|---------|
| Channel | Frequency (MHz) | Measured PSD (dBm/3kHz) | Refer to Plot | Limit (dBm/3kHz) | Verdict |
| 0 | 2402 | -13.688 | Plot A | 8 | PASS |
| 19 | 2440 | -14.180 | Plot B | 8 | PASS |
| 39 | 2480 | -14.178 | Plot C | 8 | PASS |
| Measurement uncertainty: ± 1.3 dB | | | | | |

B. Test Plots:



(Plot C: Channel = 39)

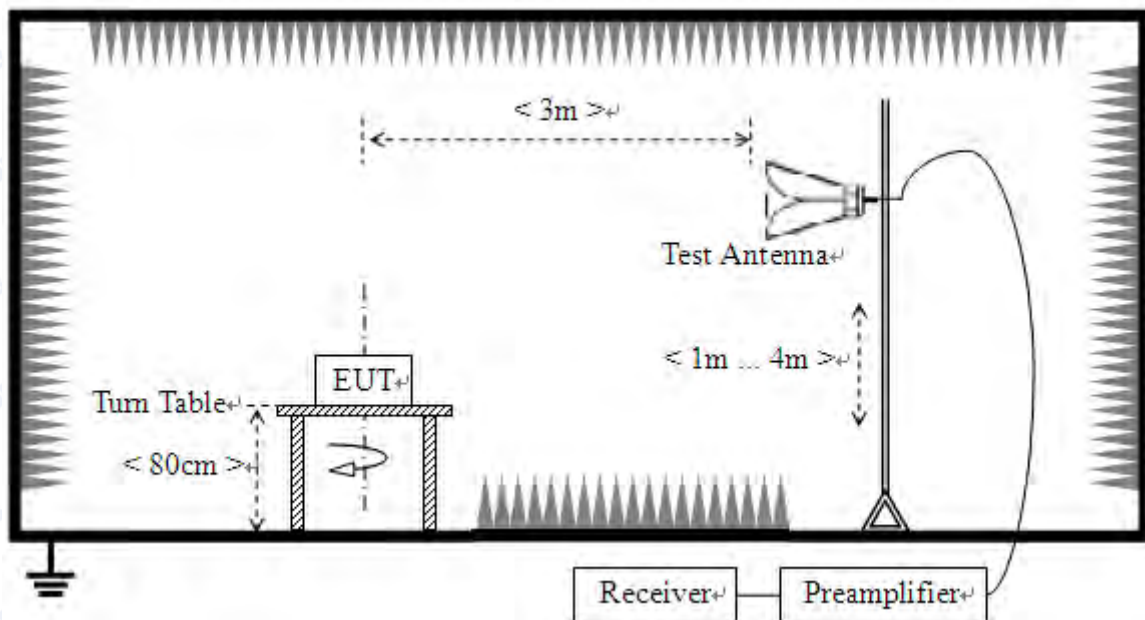
2.6 Restricted Frequency Bands

2.6.1 Requirement

According to FCC section 15.247(d), in any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, In addition, 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).

2.6.2 Test Description

A. Test Setup



The Module is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading.

For the Test Antenna:

Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength.

B. Equipments List:

Please reference ANNEX A(1.4).



2.6.3 Test Result

The lowest and highest channels are tested to verify the Restricted Frequency Bands.

The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V/m]} = U_R + A_T + A_{\text{Factor}} \text{ [dB]}; A_T = L_{\text{Cable loss}} \text{ [dB]} - G_{\text{preamp}} \text{ [dB]}$$

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

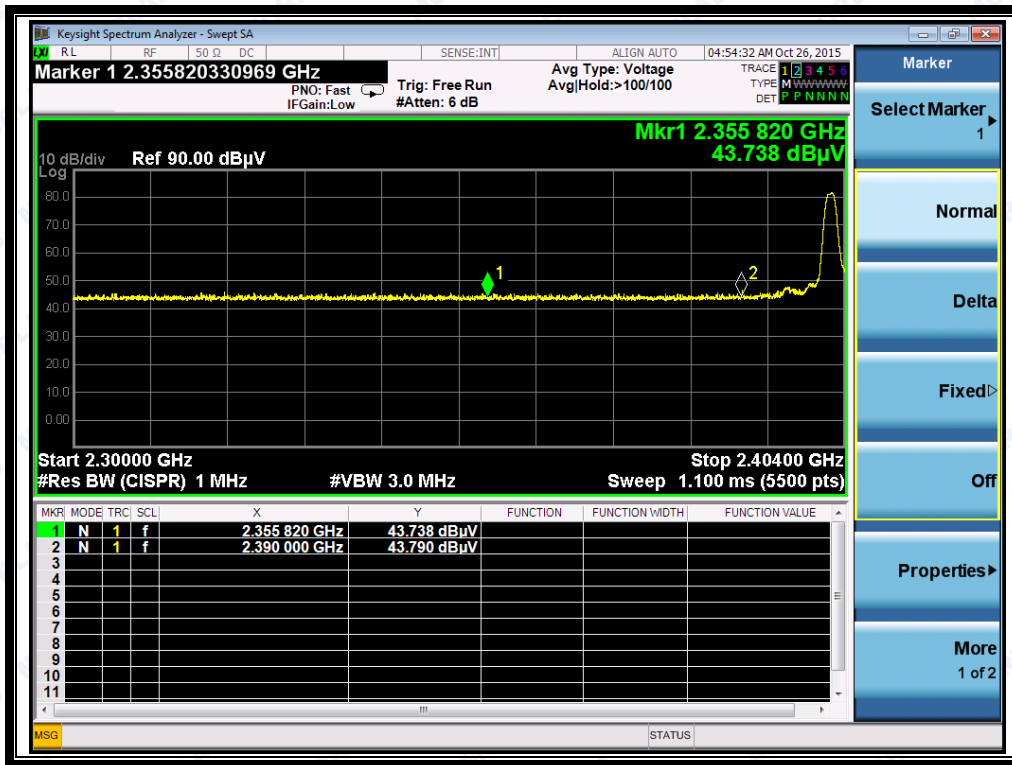
A_{Factor} : Antenna Factor at 3m

Note: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (vertical) was recorded in this test report.

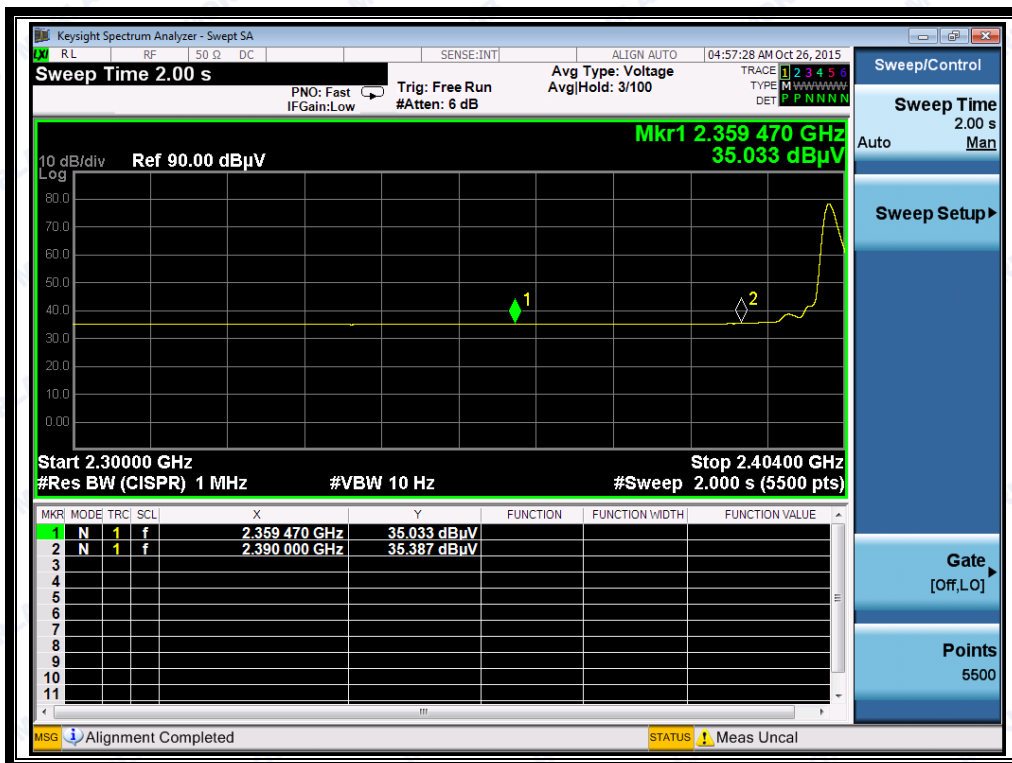
A. Test Verdict:

| Channel | Frequency (MHz) | Detector | Receiver Reading | A_T (dB) | A_{Factor} (dB@3m) | Max. Emission E (dB μ V/m) | Limit (dB μ V/m) | Verdict |
|---------|-----------------|----------|--------------------|------------|-----------------------------|--------------------------------|----------------------|---------|
| | | PK/ AV | U_R (dB μ V) | | | | | |
| 0 | 2355.82 | PK | 43.74 | -33.63 | 32.56 | 42.67 | 74 | Pass |
| 0 | 2359.47 | AV | 35.03 | -33.63 | 32.56 | 33.96 | 54 | Pass |
| 39 | 2485.76 | PK | 47.53 | -33.18 | 32.5 | 46.85 | 74 | Pass |
| 39 | 2485.85 | AV | 36.18 | -33.18 | 32.5 | 35.50 | 54 | Pass |

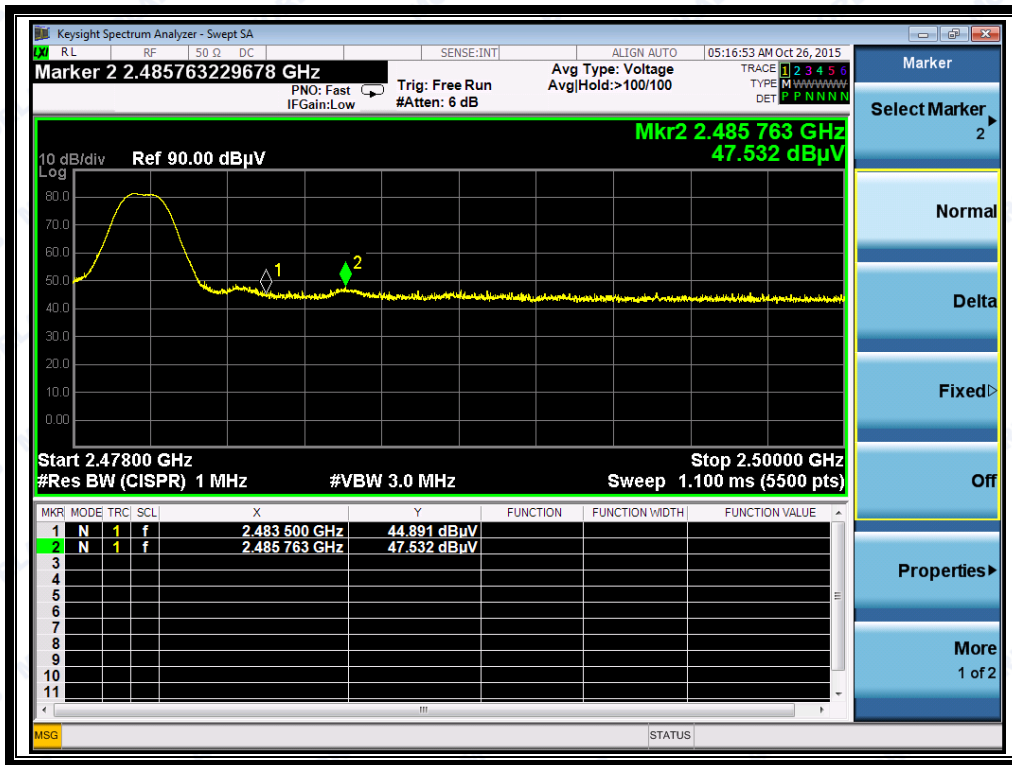
B. Test Plots:



(Plot A1: Channel = 0 PEAK)



(Plot A2: Channel = 0 AVG)



(Plot B1: Channel = 39 PEAK)



(Plot B2: Channel = 39 AVG)



2.7 Radiated Emission

2.7.1 Requirement

According to FCC section 15.247(d), radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

| Frequency (MHz) | Field Strength ($\mu\text{V}/\text{m}$) | Measurement Distance (m) |
|-----------------|---|--------------------------|
| 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 |

Note:

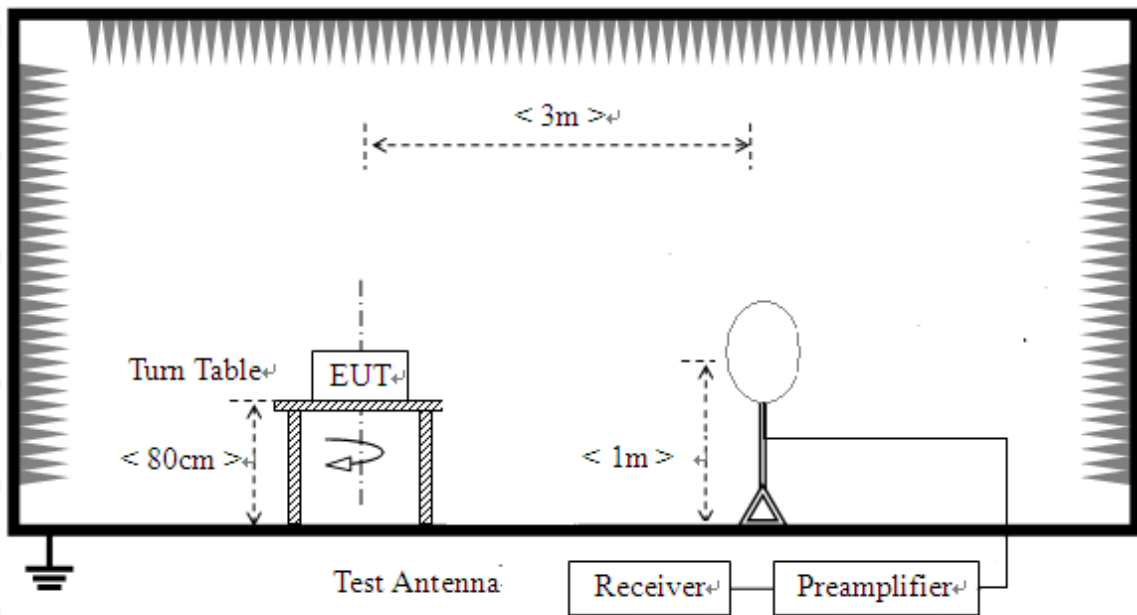
1. For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.
2. For above 1000MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK)

In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table)

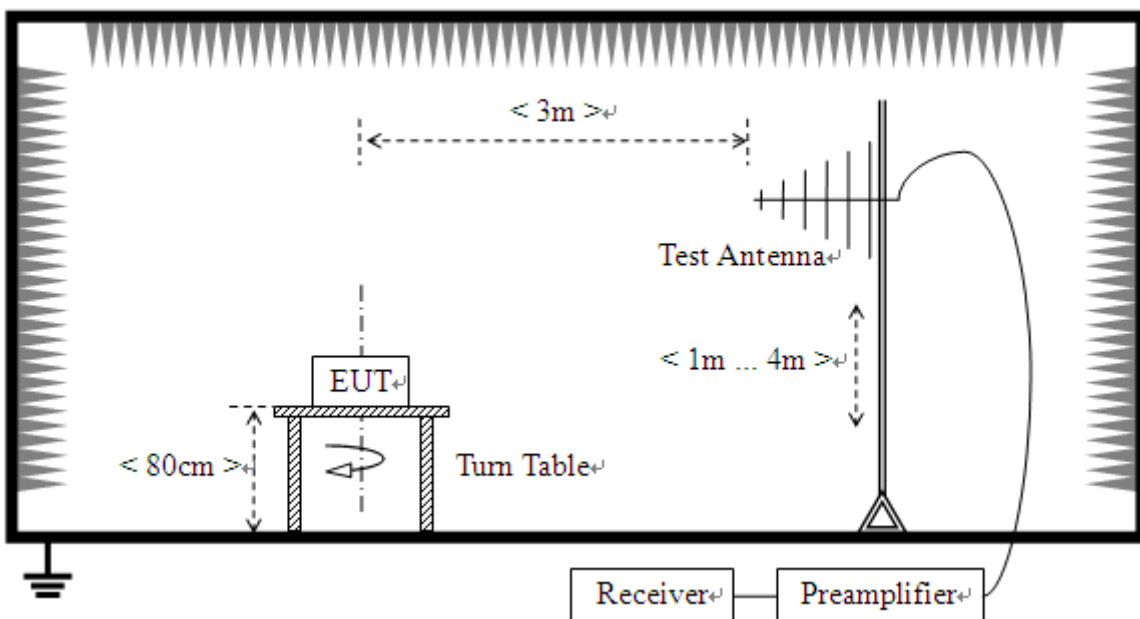
2.7.2 Test Description

A. Test Setup:

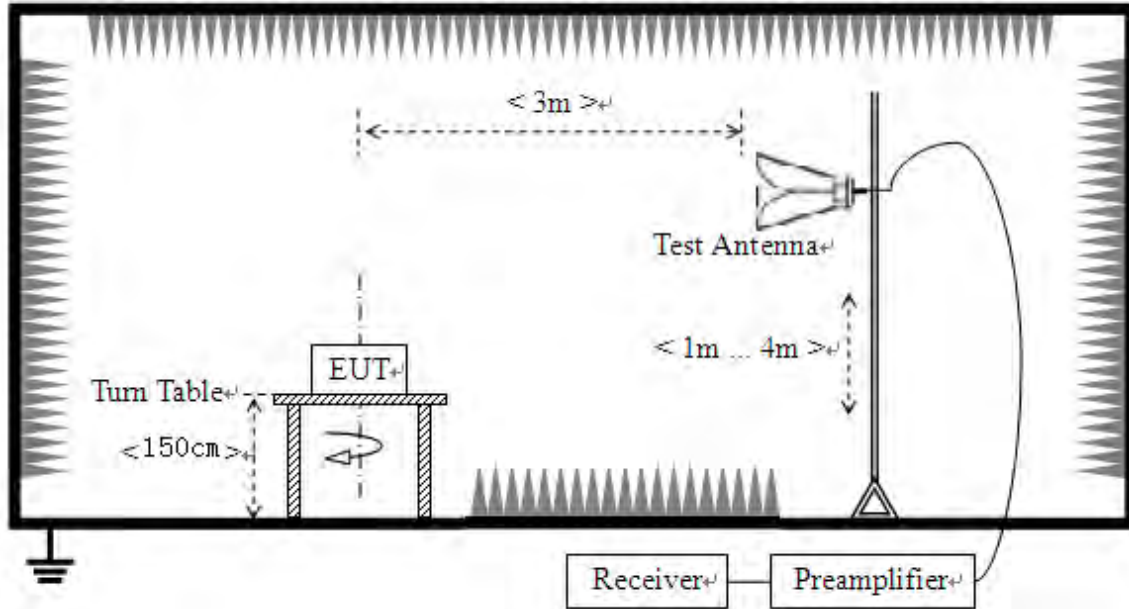
- 1) For radiated emissions from 9kHz to 30MHz



- 2) For radiated emissions from 30MHz to 1GHz



3) For radiated emissions above 1GHz



The test site semi-anechoic chamber has met the requirement of NSA tolerance 4dB according to the standards: ANSI C63.4 (2009). For radiated emissions below or equal to 1GHz, The EUT was set-up on insulator 80cm above the Ground Plane, For radiated emissions above 1GHz, The EUT was set-up on insulator 150cm above the Ground Plane. The set-up and test methods were according to ANSI C63.4.

The Module is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading.

For the Test Antenna:

(a) In the frequency range of 9kHz to 30MHz, magnetic field is measured with Loop Test Antenna. The Test Antenna is positioned with its plane vertical at 1m distance from the EUT. The center of the Loop Test Antenna is 1m above the ground. During the measurement the Loop Test Antenna rotates about its vertical axis for maximum response at each azimuth about the EUT.

(b) In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength. The emission levels at both horizontal and vertical polarizations should be tested.

B. Equipments List:

Please reference ANNEX A(1.4).



2.7.3 Test Result

According to ANSI C63.4 selection 4.2.2, because of peak detection will yield amplitudes equal to or greater than amplitudes measured with the quasi-peak (or average) detector, the measurement data from a spectrum analyzer peak detector will represent the worst-case results, if the peak measured value complies with the quasi-peak limit, it is unnecessary to perform an quasi-peak measurement.

The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V/m]} = U_R + A_T + A_{\text{Factor}} \text{ [dB]}; A_T = L_{\text{Cable loss}} \text{ [dB]} - G_{\text{preamp}} \text{ [dB]}$$

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

During the test, the total correction Factor A_T and A_{Factor} were built in test software.

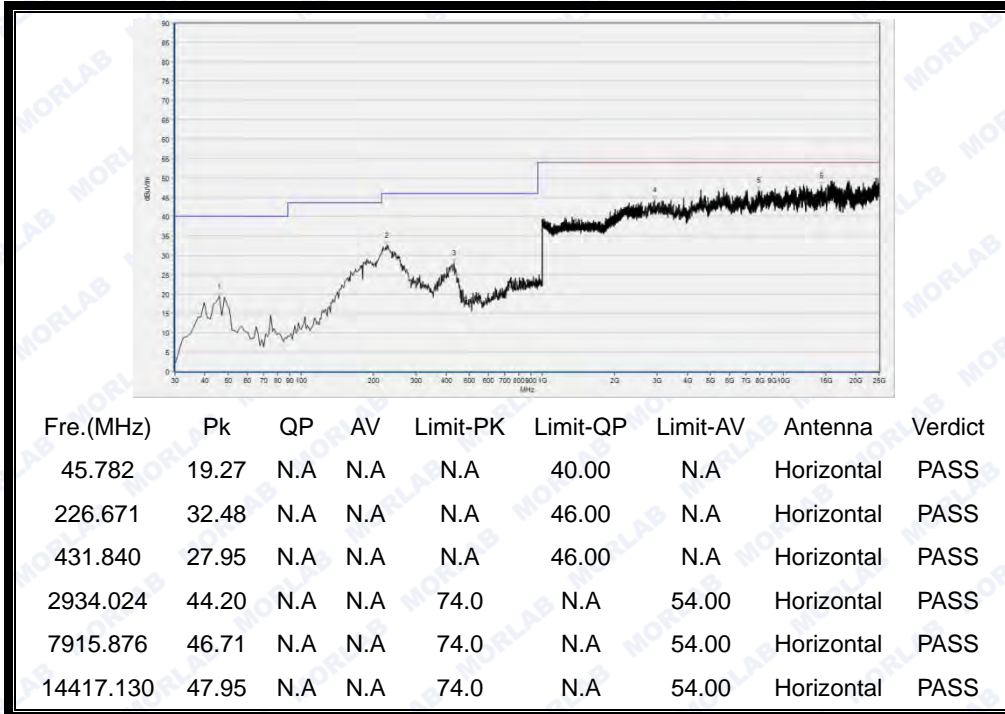
Note: All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

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

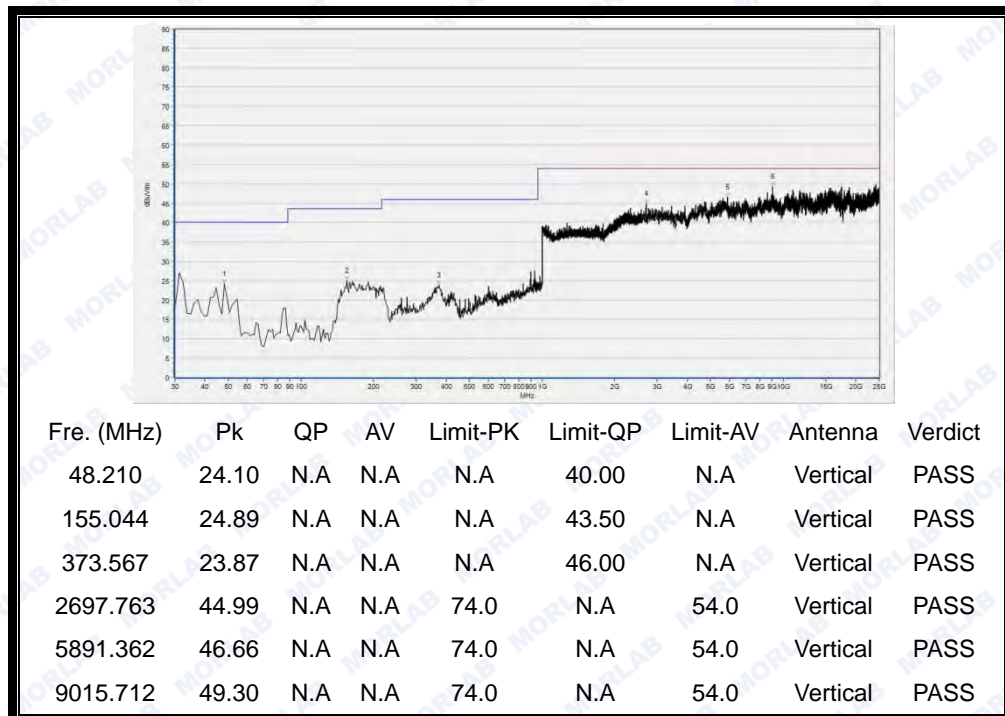


A. Test Plots for the Whole Measurement Frequency Range:

Plots for Channel = 0



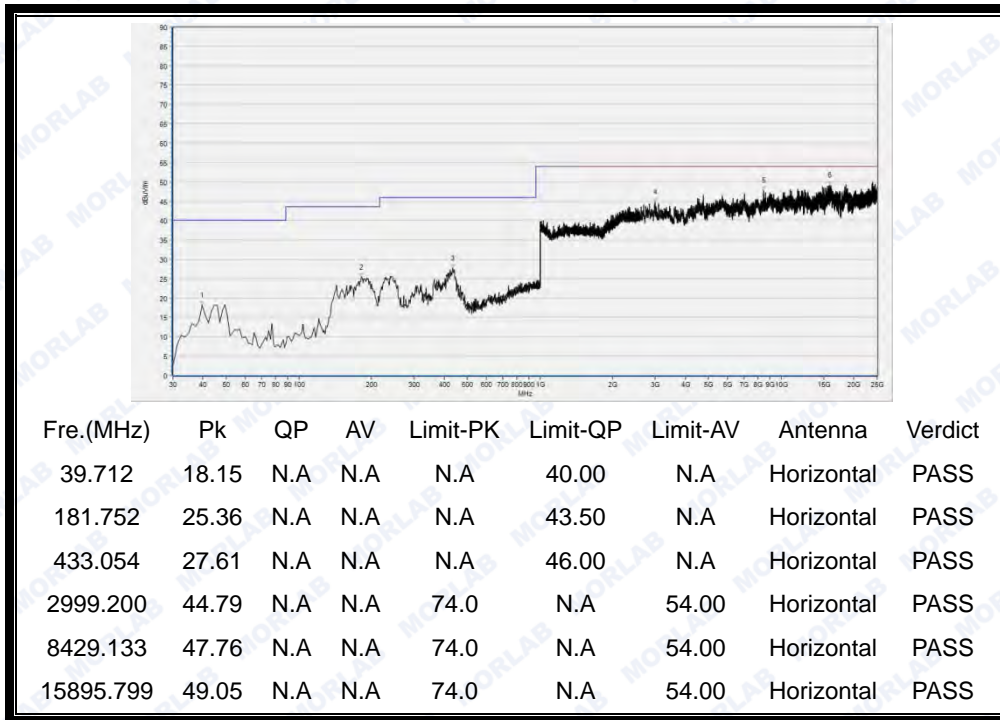
(Antenna Horizontal, 30MHz to 25GHz)



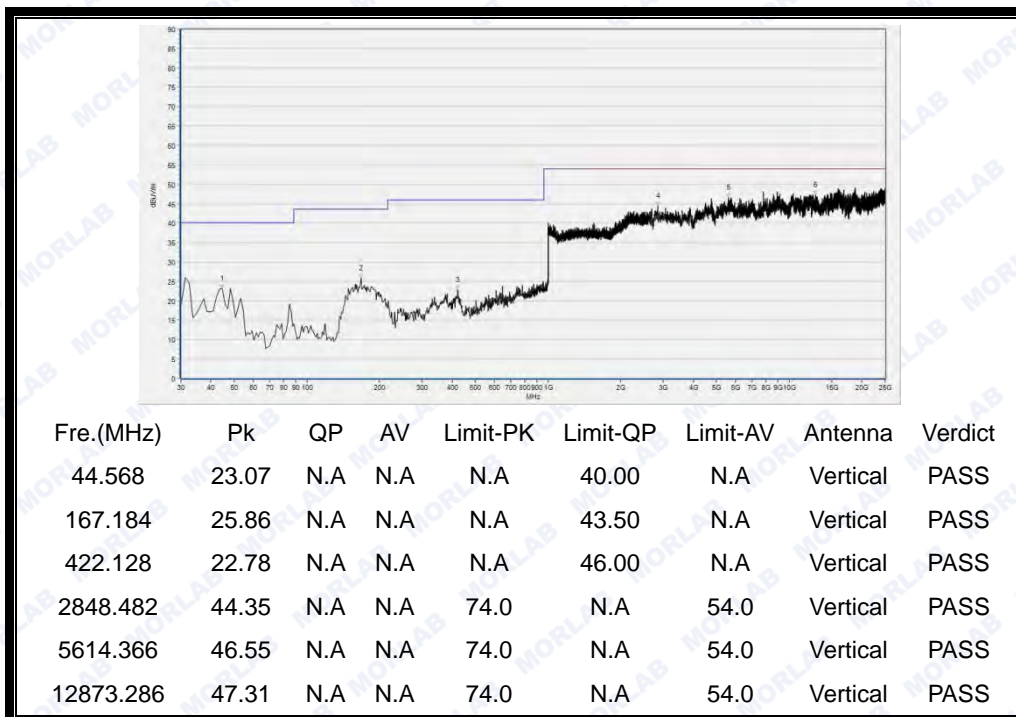
(Antenna Vertical, 30MHz to 25GHz)



Plot for Channel = 19



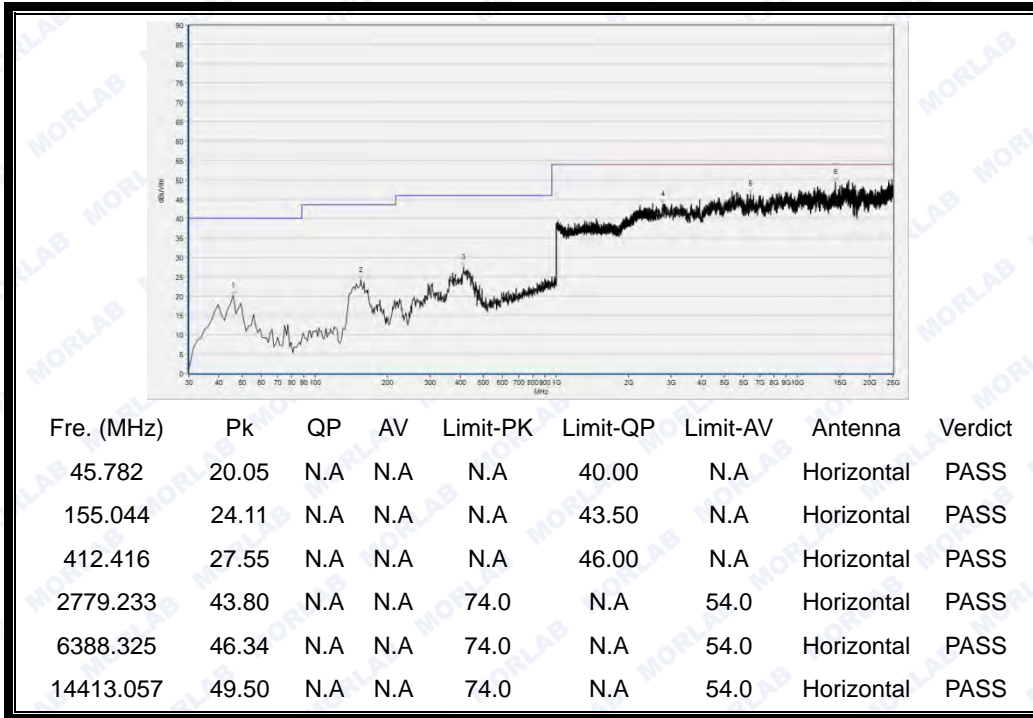
(Antenna Horizontal, 30MHz to 25GHz)



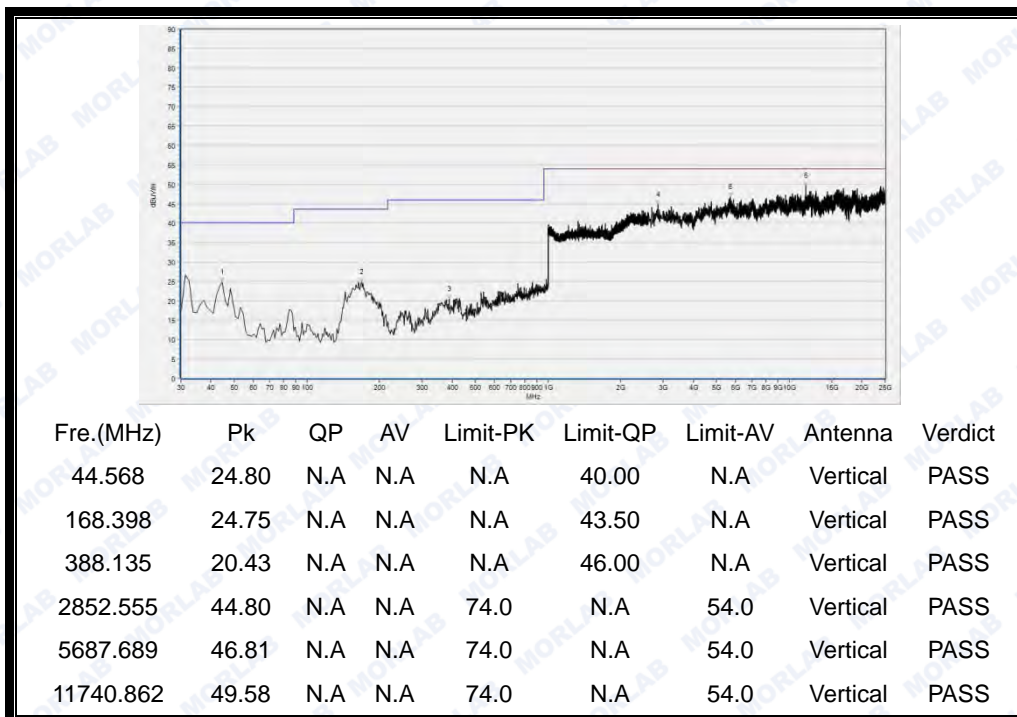
(Antenna Vertical, 30MHz to 25GHz)



Plot for Channel = 39



(Antenna Horizontal, 30MHz to 25GHz)



(Antenna Vertical, 30MHz to 25GHz)



2.8 RF exposure evaluation

2.8.1 Requirement

According to § 1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of Commission's guideline.

2.8.2 Result

Please refer to SAR report.



ANNEX A GENERAL INFORMATION

1.1 Identification of the Responsible Testing Laboratory

| | |
|-------------------------------|--|
| Company Name: | Shenzhen Morlab Communications Technology Co., Ltd. |
| Department: | Morlab Laboratory |
| Address: | FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China |
| Responsible Test Lab Manager: | Mr. Su Feng |
| Telephone: | +86 755 36698555 |
| Facsimile: | +86 755 36698525 |

1.2 Identification of the Responsible Testing Location

| | |
|----------|--|
| Name: | Shenzhen Morlab Communications Technology Co., Ltd. Morlab Laboratory |
| Address: | FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China |

1.3 Facilities and Accreditations

Shenzhen Morlab Communications Technology Co., Ltd. Morlab Laboratory is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L3572.

All measurement facilities used to collect the measurement data are located at FL.1, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10 2013, ANSI C63.4 2009 and CISPR Publication 22; the FCC registration number is 695796.

**1.4 Test Equipments Utilized****1.4.1 Conducted Test Equipments****Conducted Test Equipment**

| No. | Equipment Name | Serial No. | Type | Manufacturer | Cal. Date | Cal. Due |
|-----|---------------------------|------------|---------|--------------|------------|------------|
| 1 | Spectrum Analyzer | MY45101810 | E4407B | Agilent | 2015.02.26 | 2016.02.25 |
| 2 | Power Splitter | NW521 | 1506A | Weinschel | 2015.02.26 | 2016.02.25 |
| 3 | Attenuator 1 | (n.a.) | 10dB | Resnet | 2015.02.26 | 2016.02.25 |
| 4 | Attenuator 2 | (n.a.) | 3dB | Resnet | 2015.02.26 | 2016.02.25 |
| 5 | USB Wideband Power Sensor | MY52280010 | U2021XA | Agilent | 2015.02.26 | 2016.02.25 |
| 6 | EXA Signal Analyzer | MY51440152 | N9010A | Agilent | 2015.02.26 | 2016.02.25 |
| 7 | RF cable | CB01 | RF01 | Morlab | N/A | N/A |
| 8 | Coaxial cable | CB02 | RF02 | Morlab | N/A | N/A |
| 9 | SMA connector | CN01 | RF03 | HUBER-SUHNER | N/A | N/A |

1.4.2 Conducted Emission Test Equipments**Conducted Emission Test Equipments**

| No. | Equipment Name | Serial No. | Type | Manufacturer | Cal. Date | Cal. Due |
|-----|----------------------|------------|-------------|--------------|------------|------------|
| 1 | Receiver | US44210471 | E7405A | Agilent | 2015.02.26 | 2016.02.25 |
| 2 | LISN | 812744 | NSLK 8127 | Schwarzbeck | 2015.02.26 | 2016.02.25 |
| 3 | Service Supplier | 100448 | CMU200 | R&S | 2015.02.26 | 2016.02.25 |
| 4 | Pulse Limiter (20dB) | 9391 | VTSD 9561-D | Schwarzbeck | 2015.02.26 | 2016.02.25 |
| 5 | Coaxial cable(BNC) | CB01 | EMC01 | Morlab | N/A | N/A |



1.4.3 Radiated Test Equipments

| Radiated Test Equipments | | | | | | |
|--------------------------|------------------------|------------|------------|---------------|------------|--------------|
| No. | Equipment Name | Serial No. | Type | Manufacturer | Cal. Date | Cal.Due Date |
| 1 | Receiver | US44210471 | E7405A | Agilent | 2015.02.26 | 2016.02.25 |
| 2 | Test Antenna - Bi-Log | 9163-274 | 9m*6m*6m | Albatross | 2015.02.26 | 2016.02.25 |
| 3 | Test Antenna - Horn | 9120D-963 | VULB 9163 | Schwarzbeck | 2015.02.26 | 2016.02.25 |
| 4 | Test Antenna - Horn | 71688 | BBHA 9120D | Schwarzbeck | 2015.02.26 | 2016.02.25 |
| 5 | Test Antenna - Loop | 1519-022 | HL050S7 | R&S | 2015.02.26 | 2016.02.25 |
| 6 | Reject Filter | (n.a.) | BRM50702 | Micro-Tronics | 2015.02.26 | 2016.02.25 |
| 7 | Coaxial cable (N male) | CB02 | EMC02 | Morlab | N/A | N/A |
| 8 | Coaxial cable (N male) | CB03 | EMC03 | Morlab | N/A | N/A |

1.4.4 Climate Chamber

| Climate Chamber | | | | | | |
|-----------------|-----------------|------------|---------|--------------|------------|--------------|
| No. | Equipment Name | Serial No. | Type | Manufacturer | Cal.Date | Cal.Due Date |
| 1 | Climate Chamber | 2004012 | HL4003T | Yinhe | 2015.02.26 | 2016.02.25 |

1.4.5 Vibration Table

| Vibration Table | | | | | | |
|-----------------|-----------------|------------|---------------|--------------|------------|--------------|
| No. | Equipment Name | Serial No. | Type | Manufacturer | Cal.Date | Cal.Due Date |
| 1 | Vibration Table | N/A | ACT2000-S015L | CMI-COM | 2015.02.26 | 2016.02.25 |

1.4.6 Anechoic Chamber

| Anechoic Chamber | | | | | | |
|------------------|------------------|------------|----------|--------------|------------|--------------|
| No. | Equipment Name | Serial No. | Type | Manufacturer | Cal.Date | Cal.Due Date |
| 1 | Anechoic Chamber | N/A | 9m*6m*6m | Albatross | 2015.02.26 | 2016.02.25 |

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