# RF Test Report

| | | |
|---|---|---|
| Applicant | : | ASUSTeK COMPUTER INC. |
| Applicant Address | : | 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan |
| Product Type | : | Intel Wireless-AC 9560 |
| Trade Name | : | Intel |
| Model Number | : | 9560NGW |
| Applicable Standard | : | FCC 47 CFR PART 15 SUBPART C<br>ANSI C63.10:2013 |
| Receive Date | : | Mar. 18, 2019 |
| Test Period | : | Apr. 15 ~ Apr. 20, 2019 |
| Issue Date | : | May 08, 2019 |

**Issue by**

A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade District,
Taoyuan City 33465, Taiwan (R.O.C.)
Tel：+886-3-2710188 / Fax：+886-3-2710190

Taiwan Accreditation Foundation accreditation number: 1330
Test Firm MRA designation number: TW0010

# Revision History

| Rev. | Issue Date | Revisions | Revised By |
|---|---|---|---|
| 00 | Apr. 29, 2019 | Initial Issue | Tobey Cheng |
| 01 | May 08, 2019 | Page 27 Revised Maximum Conducted Output Power Measurement. | Tobey Cheng |
| | | | |
| | | | |

# Verification of Compliance

Issued Date: May 08, 2019

| | | |
|---|---|---|
| Applicant | : | ASUSTeK COMPUTER INC. |
| Applicant Address | : | 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan |
| Product Type | : | Intel Wireless-AC 9560 |
| Trade Name | : | Intel |
| Model Number | : | 9560NGW |
| FCC ID | : | MSQ9560NG |
| EUT Rated Voltage | : | DC 3.3 V |
| Test Voltage | : | DC 3.3 V |
| Applicable Standard | : | FCC 47 CFR PART 15 SUBPART C<br>ANSI C63.10:2013 |
| Test Result | : | Complied |
| Performing Lab. | : | A Test Lab Techno Corp.<br>No. 140-1, Changan Street, Bade District,<br>Taoyuan City 33465, Taiwan (R.O.C.)<br>Tel：+886-3-2710188 / Fax：+886-3-2710190<br>Taiwan Accreditation Foundation accreditation number: 1330<br>http://www.atl-lab.com.tw/e-index.htm |

A Test Lab Techno Corp. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by A Test Lab Techno Corp. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

| | | | | |
|---|---|---|---|---|
| Approved By | : Fly Lu | Reviewed By | : Eric Ou Yang | |
| (Manager) | (Fly Lu) | (Testing Engineer) | (Eric Ou Yang) | |

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# 1 General Information

## 1.1. Summary of Test Result

| Standard | Item | Result | Remark |
|---|---|---|---|
| FCC | | | |
| 15.207 | AC Power Conducted Emission | N/A | C2PC<br>No need for verification. |
| 15.247(d) | Transmitter Radiated Emissions | PASS | ----- |
| 15.247(b)(3) | Max. Output Power | PASS | ----- |
| 15.247(a)(2) | 6 dB RF Bandwidth | N/A | C2PC<br>No need for verification. |
| 15.247(e) | Maximum Power Spectral Density | N/A | C2PC<br>No need for verification. |
| 15.247(d) | Out of Band Conducted Spurious Emission | N/A | C2PC<br>No need for verification. |
| 15.203 | Antenna Requirement | PASS | ----- |

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

| Standard | Description |
|---|---|
| CFR47, Part 15, Subpart C | Intentional Radiators |
| ANSI C63. 10: 2013 | American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices |
| KDB 558074 D01 15.247 Meas Guidance v05r02 | GUIDANCE FOR COMPLIANCE MEASUREMENTS ON DIGITAL TRANSMISSION SYSTEM, FREQUENCY HOPPING SPREAD SPECTRUM SYSTEM, AND HYBRID SYSTEM DEVICES OPERATING UNDER SECTION 15.247 OF THE FCC RULES |

## 1.2. Measurement Uncertainty

| Test Item | Frequency Range | Uncertainty (dB) |
|---|---|---|
| Conducted Emission | 9 kHz ~ 150 kHz | 2.7 |
| | 150 kHz ~ 30 MHz | 2.7 |
| Radiated Emission | 9 kHz ~ 30 MHz | 1.7 |
| | 30 MHz ~ 1000 MHz | 5.7 |
| | 1000 MHz ~ 18000 MHz | 5.5 |
| | 18000 MHz ~ 26500 MHz | 4.8 |
| | 26500 MHz ~ 40000 MHz | 4.8 |
| Conducted Output Power | +0.27 dB / -0.28 dB | |
| RF Bandwidth | 4.96 % | |
| Power Spectral Density | +0.71 dB / -0.77 dB | |

## 2 Description of Equipment Under Test

| | | | | |
|---|---|---|---|---|
| Applicant | ASUSTeK COMPUTER INC.<br>4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan | | | |
| Manufacturer | ASUSTeK COMPUTER INC.<br>4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan | | | |
| Product Type | Intel Wireless-AC 9560 | | | |
| Trade Name | Intel | | | |
| Model Number | 9560NGW | | | |
| FCC ID | MSQ9560NG | | | |
| Class II Permissive Change | (1) This is to request a Class II permissive change for FCC ID: MSQ9560NG, originally granted on 11/20/2017<br>The major change filed under this application is:<br>Change #1: Additional Chassis added, ASUSTeK, model number: S432F, V432F, K432F.<br>Models difference: All models are electrically identical, different model names are for marketing purpose.<br>#2: Reduce the Output Power through firmware and SAR measurement were evaluated.<br>(Only reduce Wi-Fi Output Power, Bluetooth Output Power haven't changes).<br>#3: Addition one antenna, the antenna type is same, the antenna gain is lower than the original application. | | | |
| Host Information | Product Type: Notebook PC<br>Trade Name: ASUS<br>Model Name: S432F, V432F, K432F<br>(All models are electrically identical, different model names are for marketing purpose.) | | | |
| Operate Freq. Band | Frequency Range (MHz) | Modulation | Channel Bandwidth | Data Rate 400 / 800 GI (ns) |
| IEEE 802.11b | 2412 ~ 2472 | DSSS | 20 MHz | Up to 11 Mbps |
| IEEE 802.11g | 2412 ~ 2472 | OFDM | 20 MHz | Up to 54 Mbps |
| IEEE 802.11n 2.4 GHz 20 MHz | 2412 ~ 2472 | OFDM | 20 MHz | Up to 72.2 Mbps |
| IEEE 802.11n 2.4 GHz 40 MHz | 2422 ~ 2462 | OFDM | 40 MHz | Up to 150 Mbps |
| Antenna Delivery | See section 3.1 | | | |
| Operate Temp. Range | 0 ~ +80 ℃ | | | |

Antenna list:

| Antenna Source | ANT | Manufacturer | Part No. (Vendor) | ASUS Part No. | Type | Max. Gain (dBi) |
|---|---|---|---|---|---|---|
| 1 | Chain A | luxshare-ict | NA02-034011-012HS | 04072-03360000 | PIFA Antenna | -4.15 |
| | Chain B | luxshare-ict | NA02-034011-012HS | 04072-03360000 | PIFA Antenna | -2.45 |
| Note: The Chain A is connected to AUX port / Chain B is connected to MAIN port of module. | | | | | | |

# 3 Test Methodology

## 3.1. Mode of Operation

Decision of Test ATL has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

| Test Mode |
|---|
| Mode 1: Transmit mode |
| Mode 2: IEEE 802.11b Continuous TX mode |
| Mode 3: IEEE 802.11g Continuous TX mode |
| Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode |
| Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode |

Software used to control the EUT for staying in continuous transmitting mode was programmed.

After verification, all tests were carried out with the worst case test modes.

The device used six models of adapter, and adapter number: W16-045N3A is worst case thus was used to perform testing.

| SISO | | | |
|---|---|---|---|
| Test Mode | Chain A | Chain B | |
| Mode 2 | V | V | |
| Mode 3 | V | V | |
| Mode 4 | V | V | |
| Mode 5 | V | V | |
| Test Mode | Antenna Delivery | Data Rate (Mbps) | Test Channel |
| Mode 2 | 1TX(Diversity) | 1 | 1, 6, 11 |
| Mode 3 | 1TX(Diversity) | 6 | 1, 6, 11 |
| Mode 4 | 1TX(Diversity) | 6.5 | 1, 6, 11 |
| Mode 5 | 1TX(Diversity) | 13.5 | 3, 6, 9 |

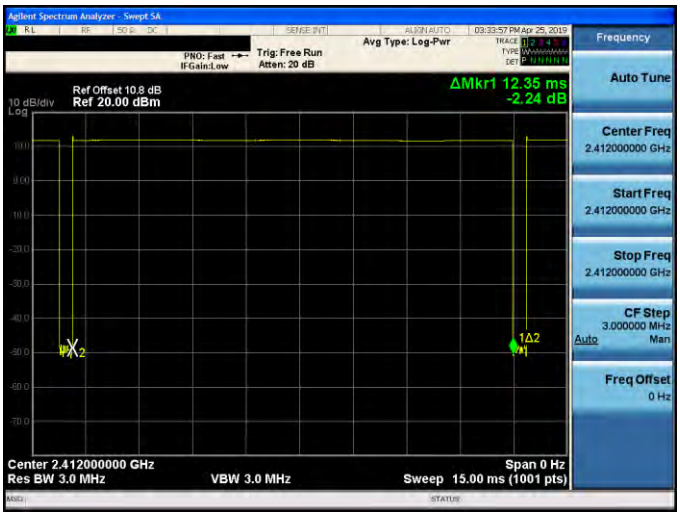
| MIMO | | | |
|---|---|---|---|
| Test Mode | Chain A | Chain B | Chain A + Chain B |
| Mode 4 | V | V | V |
| Mode 5 | V | V | V |
| Test Mode | Antenna Delivery | Data Rate (Mbps) | Test Channel |
| Mode 4 | 2TX(MIMO) | 6.5 | 1, 6, 11 |
| Mode 5 | 2TX(MIMO) | 13.5 | 3, 6, 9 |

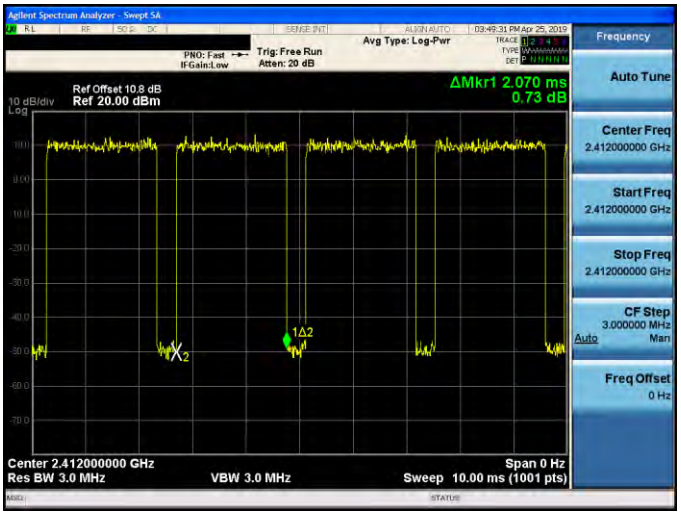
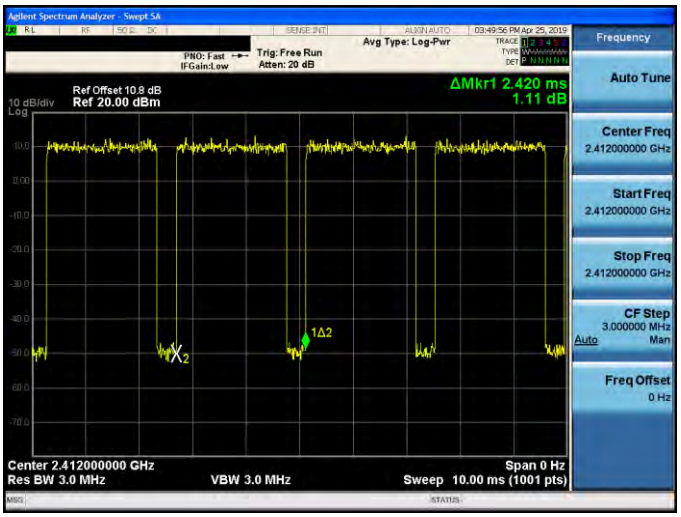
**Duty cycle**

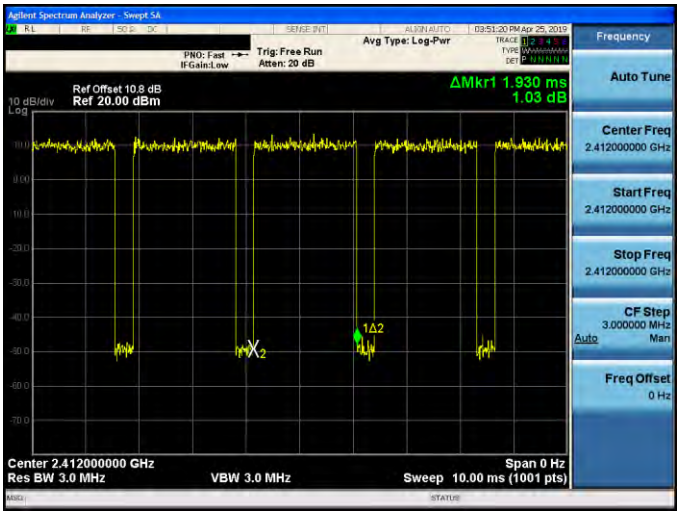
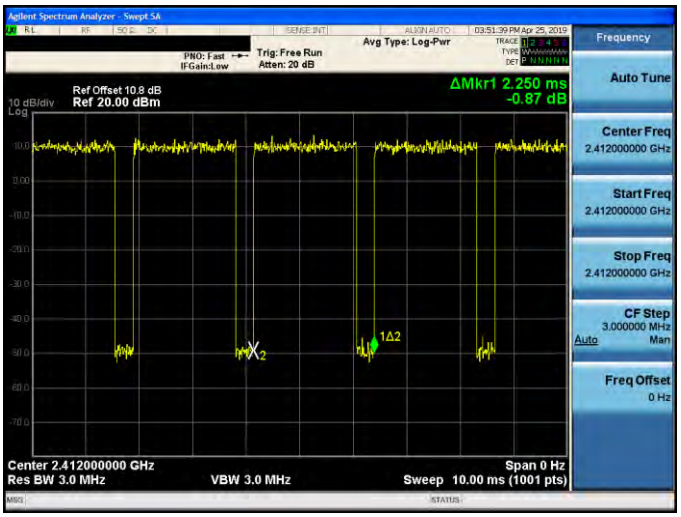
| SISO | | | | | | |
|---|---|---|---|---|---|---|
| Test Mode | Frequency (MHz) | on time (ms) | on+off time (ms) | Duty cycle | Duty Factor (dB) | 1/T Minimum VBW (kHz) |
| Mode 2 | 2412.0 | 12.350 | 12.710 | 0.972 | 0.125 | 0.081 |
| Mode 3 | 2412.0 | 2.070 | 2.420 | 0.855 | 0.678 | 0.483 |
| Mode 4 | 2412.0 | 1.930 | 2.250 | 0.858 | 0.666 | 0.518 |
| Mode 5 | 2422.0 | 0.950 | 1.110 | 0.856 | 0.676 | 1.053 |

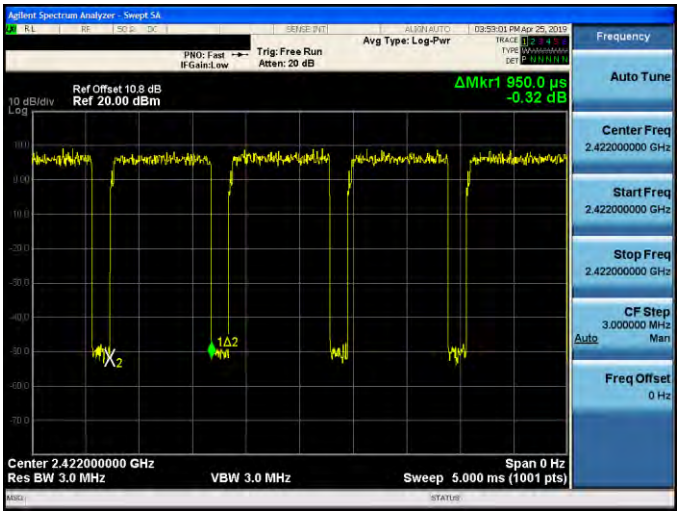
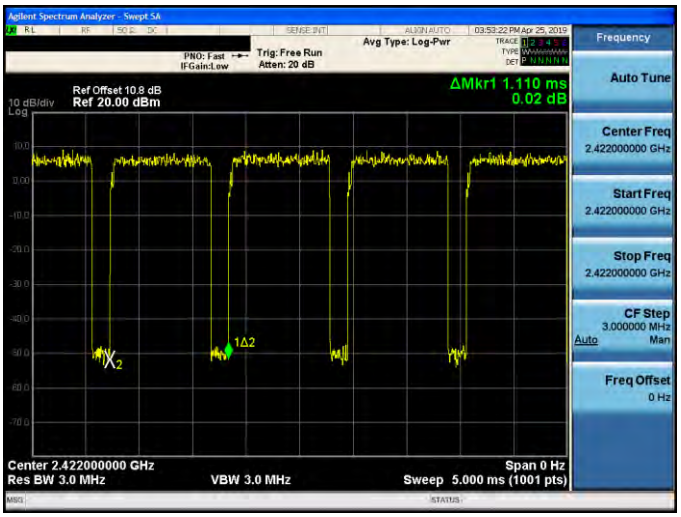
| MIMO | | | | | | |
|---|---|---|---|---|---|---|
| Test Mode | Frequency (MHz) | on time (ms) | on+off time (ms) | Duty cycle | Duty Factor (dB) | 1/T Minimum VBW (kHz) |
| Mode 4 | 2412.0 | 0.985 | 1.155 | 0.853 | 0.691 | 1.015 |
| Mode 5 | 2422.0 | 0.500 | 0.585 | 0.855 | 0.682 | 2.000 |

| SISO |
|---|

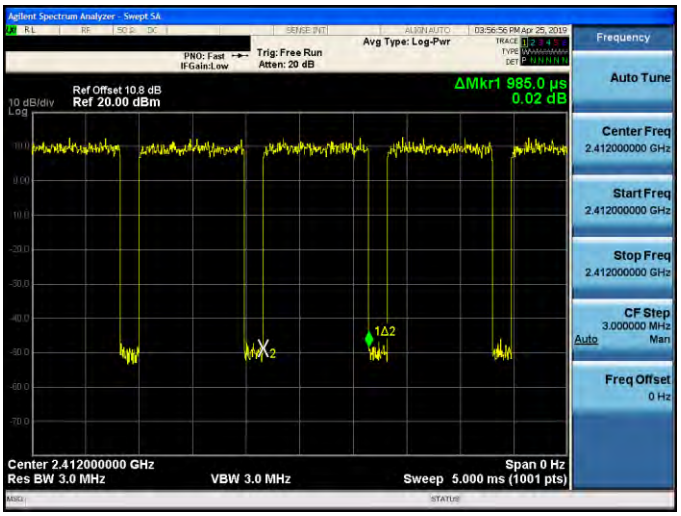
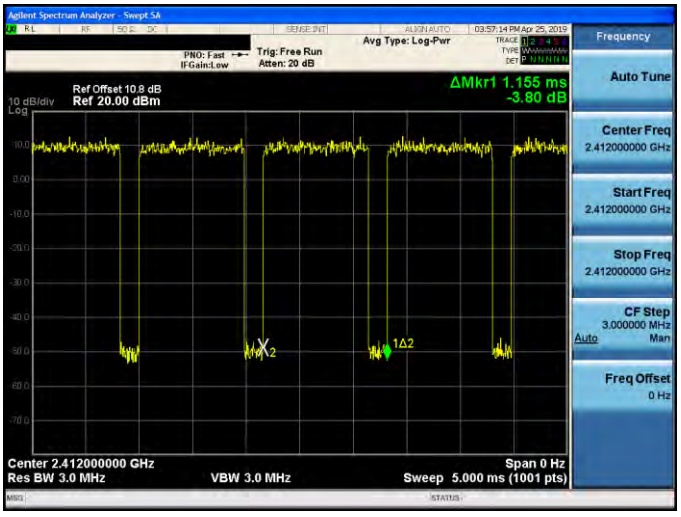
| Mode 2: IEEE 802.11b Continuous TX mode | |
|---|---|
| On time |  |
| On+off time |  |

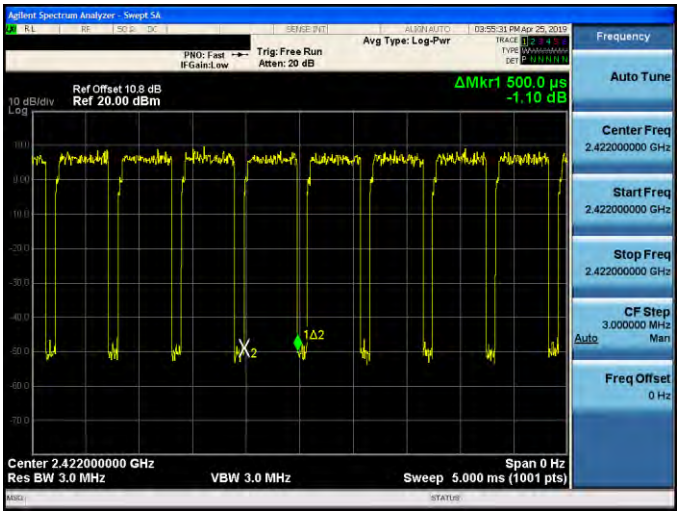
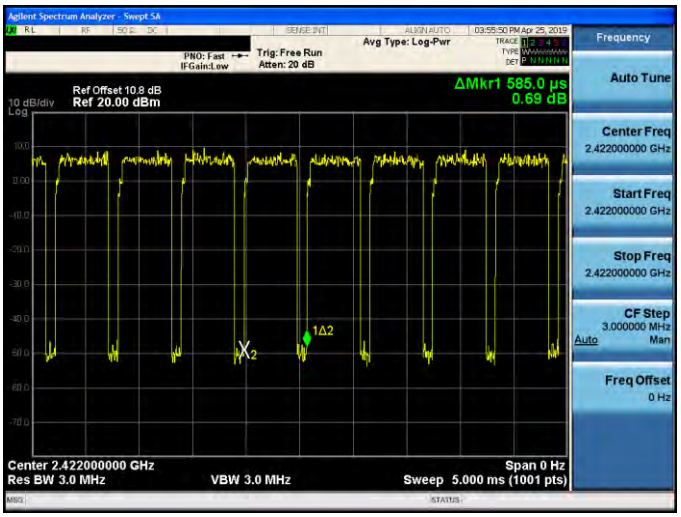
| Mode 3: IEEE 802.11g Continuous TX mode | |
|---|---|
| On time |  |
| On+off time |  |

| Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode | |
|---|---|
| On time |  |
| On+off time |  |

| Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode | |
|---|---|
| On time |  |
| On+off time |  |

| MIMO |
|---|

| Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode | |
|---|---|
| On time |  |
| On+off time |  |

| Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode | |
|---|---|
| On time |  |
| On+off time |  |

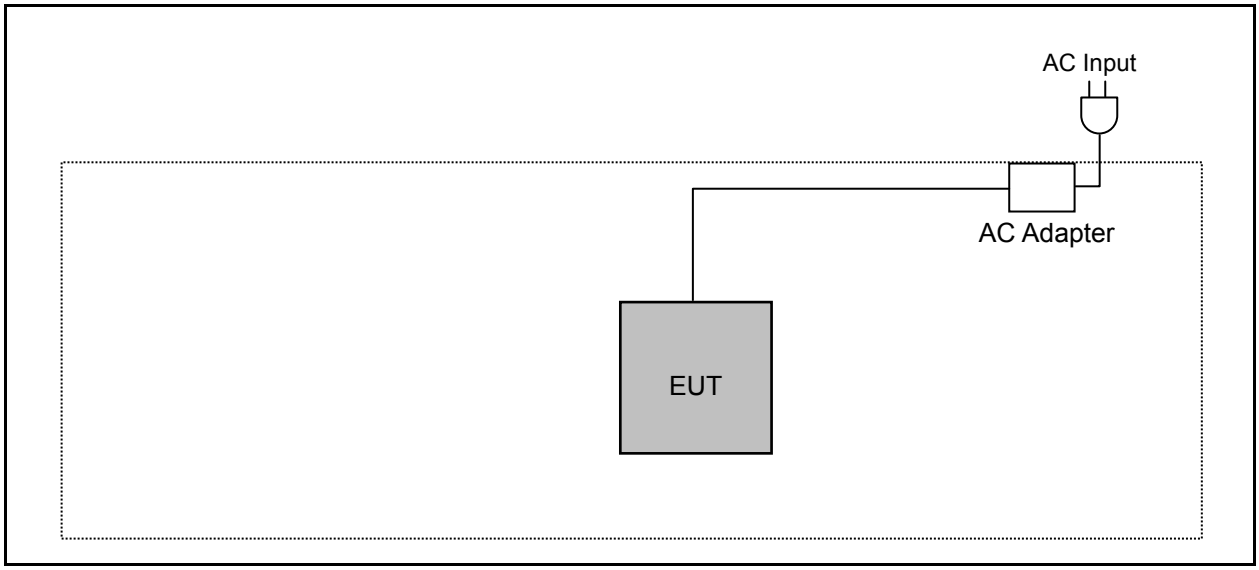
## 3.2. EUT Test Step

| | |
|---|---|
| 1. | Setup the EUT by “Configuration of Test System Details” shown below. |
| 2. | Turn on the power of all equipment. |
| 3. | Turn on TX function |
| 4. | EUT run test program. |

| Measurement Software | | | |
|---|---|---|---|
| No. | Description | Software | Version |
| 1 | Radiated Emission | EZ EMC | 1.1.4.4 |

## 3.3. Configuration of Test System Details

Radiated Emission



## 3.4. Test Instruments

For Radiated Emissions

Test Period: Apr. 15 ~ Apr. 20, 2019

| Equipment | Manufacturer | Model Number | Serial Number | Cal. Date | Cal. Period |
|---|---|---|---|---|---|
| Spectrum Analyzer (10 Hz~44 GHz) | Keysight | N9010A | MY52221312 | 01/14/2019 | 1 year |
| Pre Amplifier (1~26.5 GHz) | Agilent | 8449B | 3008A02237 | 10/16/2018 | 1 year |
| Pre Amplifier (100 kHz~1.3 GHz) | Agilent | 8447D | 2944A11119 | 01/14/2019 | 1 year |
| Pre Amplifier (26.5~40 GHz) | EMCI | EMC2654045 | 980028 | 08/23/2018 | 1 year |
| Broadband Antenna | Schwarzbeck | VULB9168 | 416 | 10/19/2018 | 1 year |
| Horn Antenna (1~18 GHz) | SCHWARZBECK MESS-ELEKTRONIK | BBHA9120D | 9120D-550 | 08/23/2018 | 1 year |
| Horn Antenna (18~40 GHz) | SCHWARZBECK MESS-ELEKTRONIK | BBHA9170 | 9170-320 | 08/07/2018 | 1 year |
| Loop Antenna | COM-POWER CORPORATION | AL-130 | 121014 | 03/29/2019 | 1 year |
| RF Cable | EMCI | EMC104-N-N-6000 | TE01-1 | 02/20/2019 | 1 year |
| Microwave Cable | EMCI | EMC104-SM-SM-1 3000 | 170814 | 10/30/2018 | 1 year |
| Microwave Cable | EMCI | EMC102-KM-KM-1 4000 | 151001 | 02/20/2019 | 1 year |

For Conducted

Test Period: Apr. 18 ~ Apr. 19, 2019

| Equipment | Manufacturer | Model Number | Serial Number | Cal. Date | Cal. Period |
|---|---|---|---|---|---|
| Power Sensor | Anritsu | MA2411B | 1126022 | 08/29/2018 | 1 year |
| Power Meter | Anritsu | ML2495A | 1135009 | 08/29/2018 | 1 year |

Note: N.C.R. = No Calibration Request.

## 3.5. Test Site Environment

| Items | Required (IEC 60068-1) | Actual |
|---|---|---|
| Temperature (°C) | 15-35 | 26 |
| Humidity (%RH) | 25-75 | 60 |
| Barometric pressure (mbar) | 860-1060 | 990 |

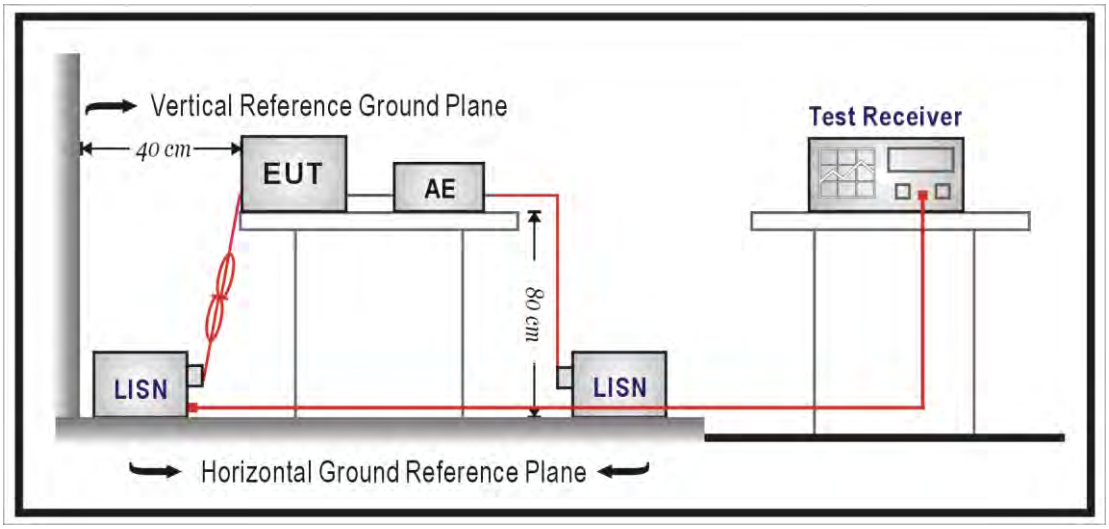
# 4 Measurement Procedure

## 4.1. AC Power Line Conducted Emission Measurement

■ **Limit**

| Frequency (MHz) | Quasi-peak | Average |
|---|---|---|
| 0.15 - 0.5 | 66 to 56 | 56 to 46 |
| 0.50 - 5.0 | 56 | 46 |
| 5.0 - 30.0 | 60 | 50 |

■ **Test Setup**




■ **Test Procedure**

Please refer to ANSI C63.10-2013 clause 6.2 for the test method.

## 4.2. Radiated Emission Measurement

■ **Limit**

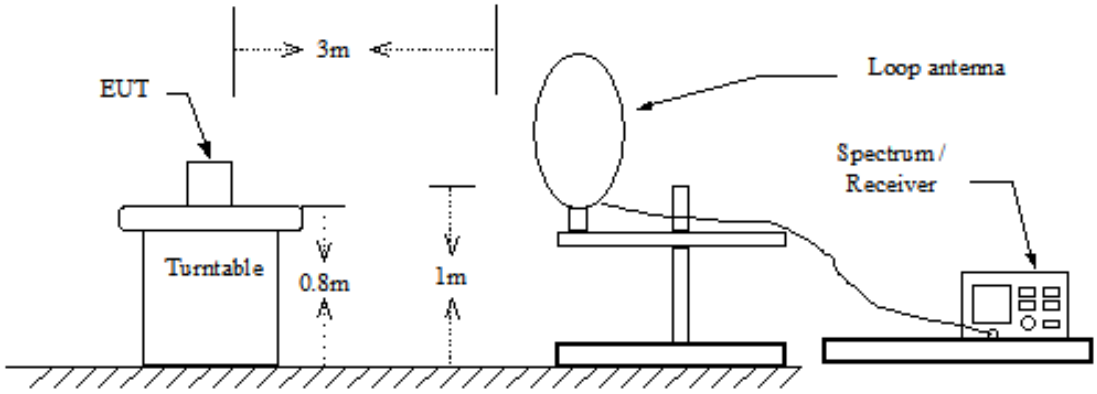
According to §15.209(a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

| Frequency (MHz) | Field Strength (μV/m at 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 |

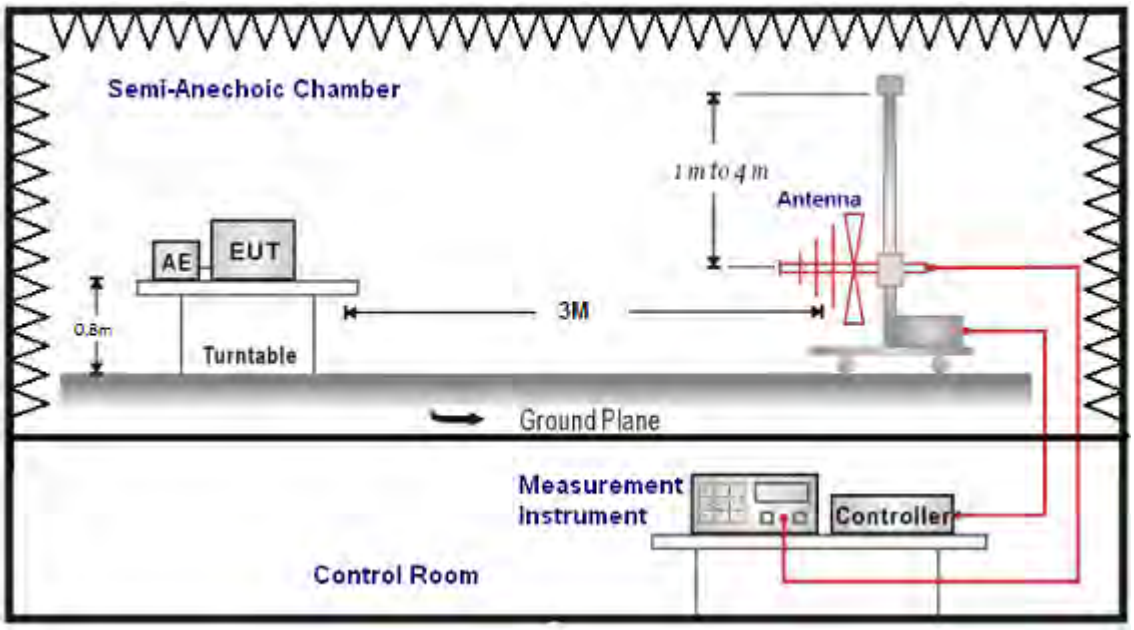
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

■ **Setup**

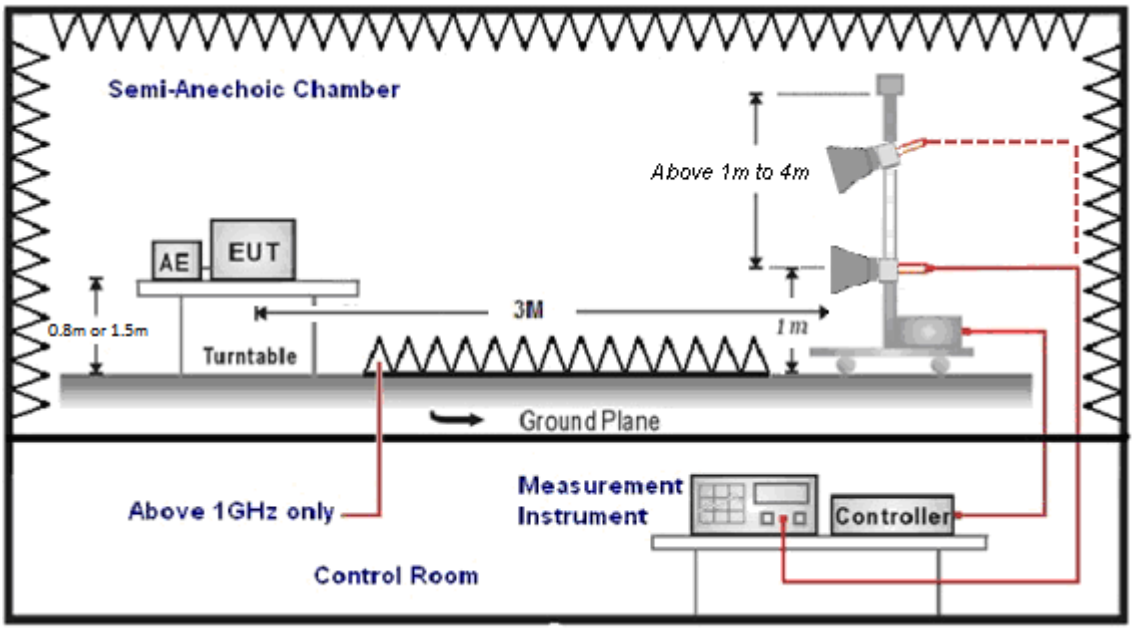
9 kHz ~ 30 MHz




Below 1 GHz



Above 1 GHz




■ **Test Procedure**

Please refer to ANSI C63.10-2013 clause 6.5 / 6.6 / 6.10.5 for the test method.

Please refer to ANSI C63.10-2013 clause 11.12.1 / 11.12.2.7 for the test method.

## 4.3. Maximum Conducted Output Power Measurement

■ **Limit**

For systems using digital modulation in the 2400-2483.5 MHz, the limit for maximum output power is 30 dBm.

And According to 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

SISO

IEEE 802.11b / IEEE 802.11g / IEEE 802.11n 2.4 GHz 20 MHz / 40 MHz

Diversity mode：

＊ Directional Gain = Max. Gain = -2.45 < 6 dBi

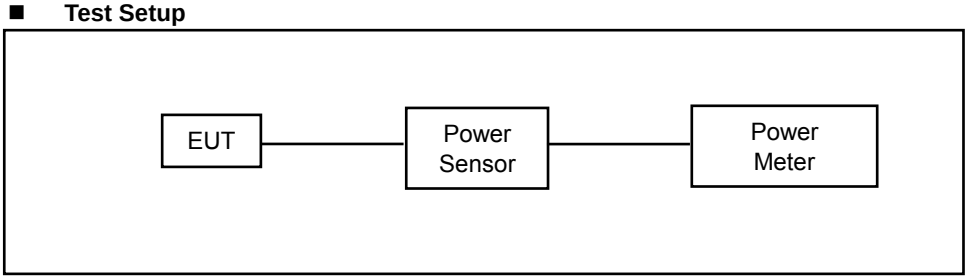
MIMO

IEEE 802.11n 2.4 GHz 20 MHz / 40 MHz

MIMO mode：

＊ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = -0.25 dBi < 6 dBi

■ **Test Setup**




■ **Test Procedure**

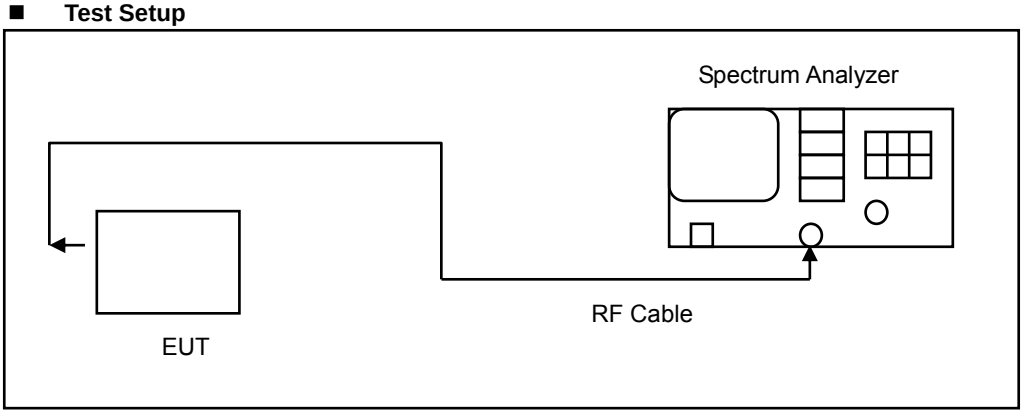
Please refer to ANSI C63.10-2013 clause 11.9.2.3 for the test method.

## 4.4. 6 dB RF Bandwidth Measurement

■ **Limit**

6 dB RF Bandwidth: Systems using digital modulation techniques may operate in the 2400–2483.5 MHz bands. The minimum 6 dB band-width shall be at least 500 kHz.

■ **Test Setup**




■ **Test Procedure**

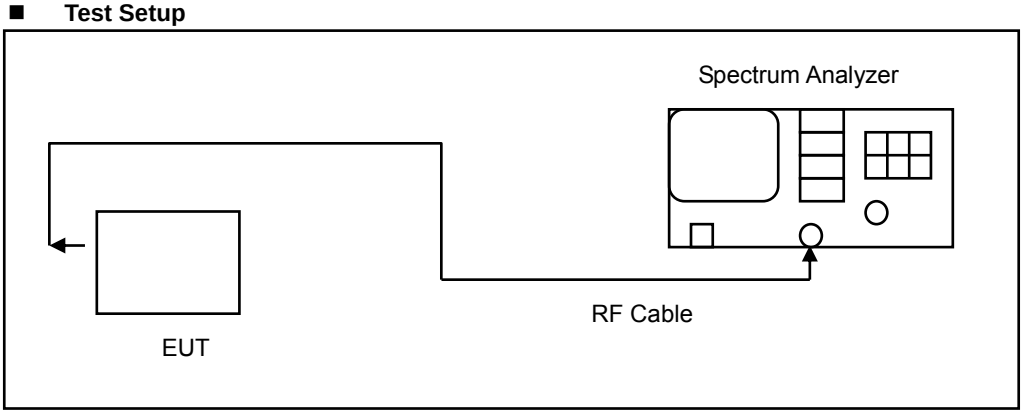
Please refer to ANSI C63.10-2013 clause 11.8.2 for the test method.

## 4.5. Maximum Power Spectral Density Measurement

■ **Limit**

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

■ **Test Setup**




■ **Test Procedure**

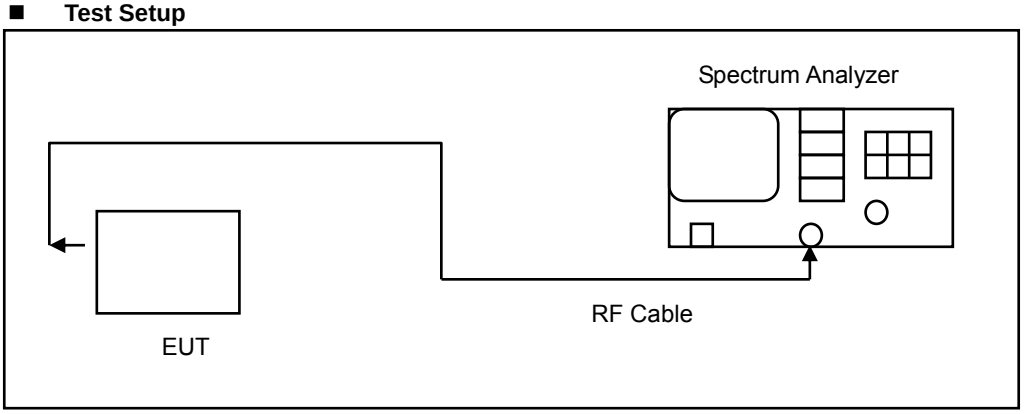
Please refer to ANSI C63.10-2013 clause 11.10.2 for the test method.

## 4.6. Out of Band Conducted Emissions Measurement

■ **Limit**

In any 100 kHz 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 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power

■ **Test Setup**




■ **Test Procedure**

Please refer to ANSI C63.10-2013 clause 11.11.1 for the test method.

## 4.7. Antenna Measurement

■ **Limit**

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.

And According to 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

■ **Antenna Description**

See section 2 – antenna information.

■ **Directional Gain Calculated**

| Operate Freq. Band | Directional Gain (dBi) | | |
|---|---|---|---|
| | SISO A | SISO B | MIMO A+B |
| IEEE 802.11b | -4.15 | -2.45 | --- |
| IEEE 802.11g | -4.15 | -2.45 | --- |
| IEEE 802.11n 2.4 GHz 20 MHz | -4.15 | -2.45 | -0.25 |
| IEEE 802.11n 2.4 GHz 40 MHz | -4.15 | -2.45 | -0.25 |

# 5 Test Results

## Annex A. Conducted Emission

C2PC, no need for verification.

## Annex B. Conducted Test Results

**Maximum Conducted Output Power Measurement**

| Test Mode | Data Rate (Mbps) | Frequency (MHz) | Average Output Power | | | | |
|---|---|---|---|---|---|---|---|
| | | | Measurement Results | | | | Limit |
| | | | SISO A | | SISO B | | dBm |
| | | | (dBm) | (W) | (dBm) | (W) | |
| Mode 2 | 1 | 2412.0 | 12.41 | 0.017 | 12.45 | 0.018 | ≤ 30 |
| | | 2437.0 | 12.61 | 0.018 | 12.65 | 0.018 | ≤ 30 |
| | | 2462.0 | 12.64 | 0.018 | **12.73** | **0.019** | ≤ 30 |
| | | 2467.0 | 12.41 | 0.017 | 12.68 | 0.019 | ≤ 30 |
| | | 2472.0 | 12.61 | 0.018 | 12.71 | 0.019 | ≤ 30 |
| Mode 3 | 6 | 2412.0 | 12.33 | 0.017 | **12.69** | **0.019** | ≤ 30 |
| | | 2437.0 | 12.47 | 0.018 | **12.69** | **0.019** | ≤ 30 |
| | | 2462.0 | 12.46 | 0.018 | 12.61 | 0.018 | ≤ 30 |
| | | 2467.0 | 12.68 | 0.019 | 12.39 | 0.017 | ≤ 30 |
| | | 2472.0 | -6.70 | 0.0002 | -7.54 | 0.0002 | ≤ 30 |
| Mode 4 | 6.5 | 2412.0 | 12.37 | 0.017 | **12.65** | **0.018** | ≤ 30 |
| | | 2437.0 | 12.47 | 0.018 | 12.62 | 0.018 | ≤ 30 |
| | | 2462.0 | 12.49 | 0.018 | 12.61 | 0.018 | ≤ 30 |
| | | 2467.0 | 12.63 | 0.018 | 12.38 | 0.017 | ≤ 30 |
| | | 2472.0 | -6.70 | 0.0002 | -7.61 | 0.0002 | ≤ 30 |
| Mode 5 | 13.5 | 2422.0 | 11.97 | 0.016 | 12.28 | 0.017 | ≤ 30 |
| | | 2437.0 | 12.47 | 0.018 | **12.71** | **0.019** | ≤ 30 |
| | | 2452.0 | 12.02 | 0.016 | 12.31 | 0.017 | ≤ 30 |
| | | 2457.0 | 10.32 | 0.011 | 9.41 | 0.009 | ≤ 30 |
| | | 2462.0 | 2.34 | 0.002 | 2.61 | 0.002 | ≤ 30 |

Note: The relevant measured result has the offset with cable loss already.

| Test Mode | Data Rate (Mbps) | Frequency (MHz) | Average Output Power | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Measurement Results | | | | | | Limit |
| | | | MIMO A | | MIMO B | | MIMO A+B | | dBm |
| | | | (dBm) | (W) | (dBm) | (W) | (dBm) | (W) | |
| Mode 4 | 13 | 2412.0 | 12.48 | 0.018 | 12.62 | 0.018 | 15.56 | 0.036 | ≤ 30 |
| | | 2437.0 | 12.57 | 0.018 | 12.52 | 0.018 | 15.56 | 0.036 | ≤ 30 |
| | | 2462.0 | 12.70 | 0.019 | 12.49 | 0.018 | **15.61** | **0.036** | ≤ 30 |
| | | 2467.0 | 10.11 | 0.010 | 10.17 | 0.010 | 13.15 | 0.021 | ≤ 30 |
| | | 2472.0 | -8.58 | 0.000 | -8.70 | 0.000 | -5.63 | 0.000 | ≤ 30 |
| Mode 5 | 27 | 2422.0 | 12.27 | 0.017 | 12.19 | 0.017 | 15.24 | 0.033 | ≤ 30 |
| | | 2437.0 | 12.71 | 0.019 | 12.62 | 0.018 | **15.68** | **0.037** | ≤ 30 |
| | | 2452.0 | 12.41 | 0.017 | 12.22 | 0.017 | 15.33 | 0.034 | ≤ 30 |
| | | 2457.0 | 9.48 | 0.009 | 9.71 | 0.009 | 12.61 | 0.018 | ≤ 30 |
| | | 2462.0 | 1.67 | 0.001 | 1.38 | 0.001 | 4.54 | 0.003 | ≤ 30 |

Note: The relevant measured result has the offset with cable loss already.

### 6 dB RF Bandwidth Measurement

C2PC, no need for verification.

### Maximum Power Spectral Density Measurement

C2PC, no need for verification.

### Out of Band Conducted Emissions Measurement

C2PC, no need for verification.

### Out of Band Conducted Emissions

C2PC, no need for verification.

### Conducted Band Edge

C2PC, no need for verification.

# Annex C. Radiated Emission Test Results

Below 1 GHz

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Radiated Emission | Power: | DC 3.3 V |
| Test Mode: | Mode 1 | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |

| Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark | Ant.Polar. H / V |
|---|---|---|---|---|---|---|---|
| 93.0500 | 35.82 | -11.84 | 23.98 | 43.50 | -19.52 | QP | H |
| 182.2900 | 32.76 | -6.87 | 25.89 | 43.50 | -17.61 | QP | H |
| 237.5800 | 36.96 | -6.26 | 30.70 | 46.00 | -15.30 | QP | H |
| 250.1900 | 42.67 | -5.73 | 36.94 | 46.00 | -9.06 | QP | H |
| 301.6000 | 35.62 | -3.71 | 31.91 | 46.00 | -14.09 | QP | H |
| 518.8800 | 31.91 | 0.52 | 32.43 | 46.00 | -13.57 | QP | H |
| 44.5500 | 37.08 | -6.53 | 30.55 | 40.00 | -9.45 | QP | V |
| 93.0500 | 43.09 | -11.84 | 31.25 | 43.50 | -12.25 | QP | V |
| 112.4500 | 37.48 | -8.90 | 28.58 | 43.50 | -14.92 | QP | V |
| 422.8500 | 37.76 | -1.10 | 36.66 | 46.00 | -9.34 | QP | V |
| 543.1300 | 35.63 | 0.97 | 36.60 | 46.00 | -9.40 | QP | V |
| 935.0100 | 31.83 | 8.42 | 40.25 | 46.00 | -5.75 | QP | V |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 23.98 = -11.84 + 35.82

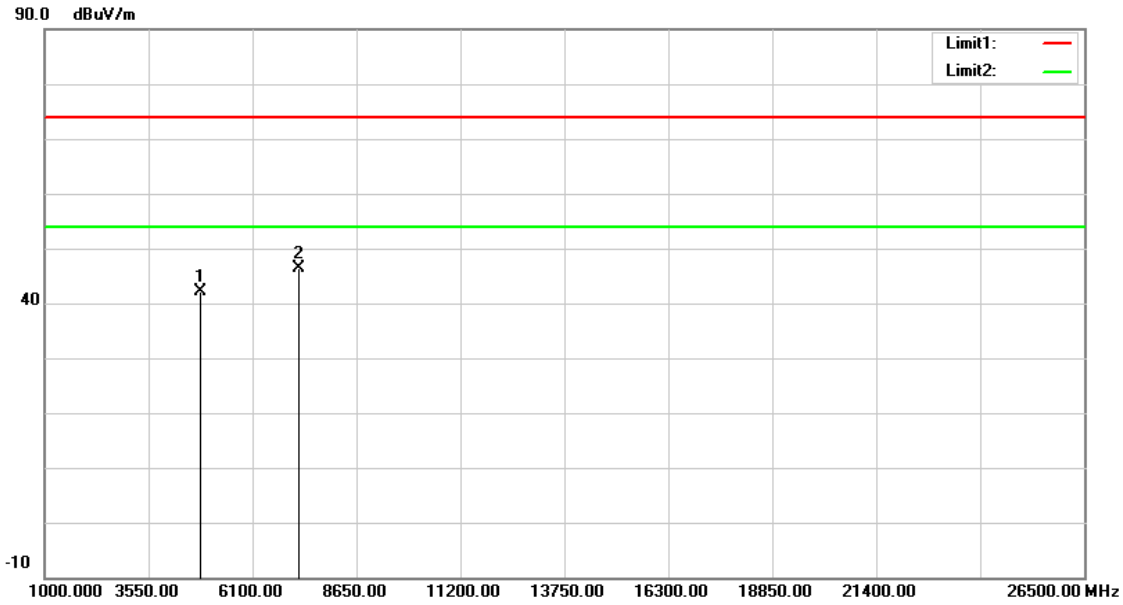
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, there is no need to evaluate the average.

Above 1 GHz

| SISO A |
|---|

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4824.000 | 36.84 | 5.37 | 42.21 | 74.00 | -31.79 | peak |
| 2 | 7236.000 | 34.54 | 11.90 | 46.44 | 74.00 | -27.56 | peak |

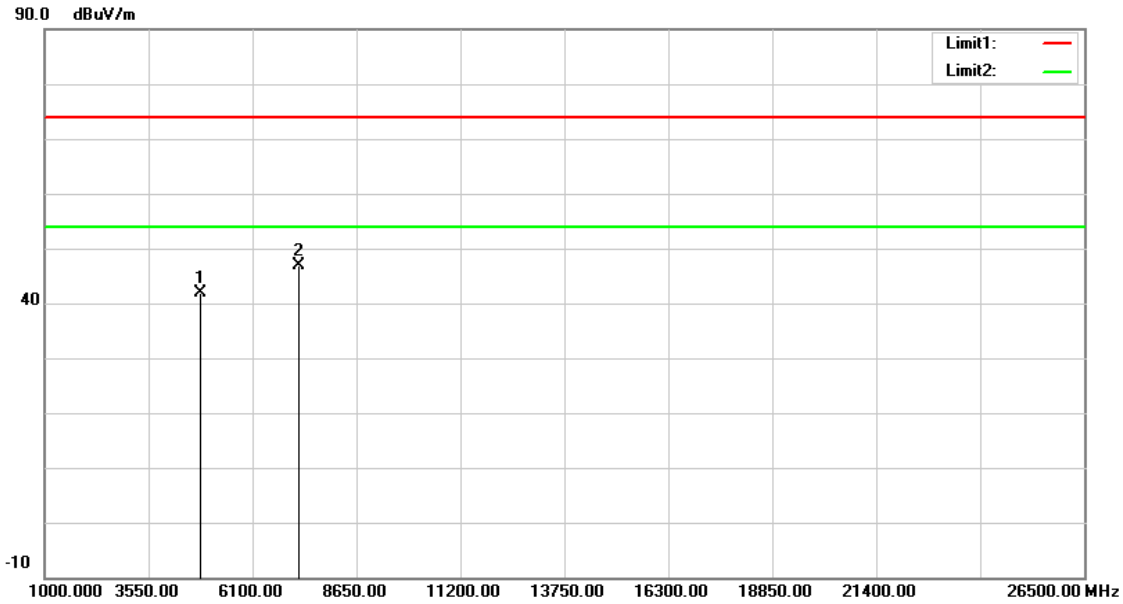
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 42.21 = 5.37 + 36.84

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

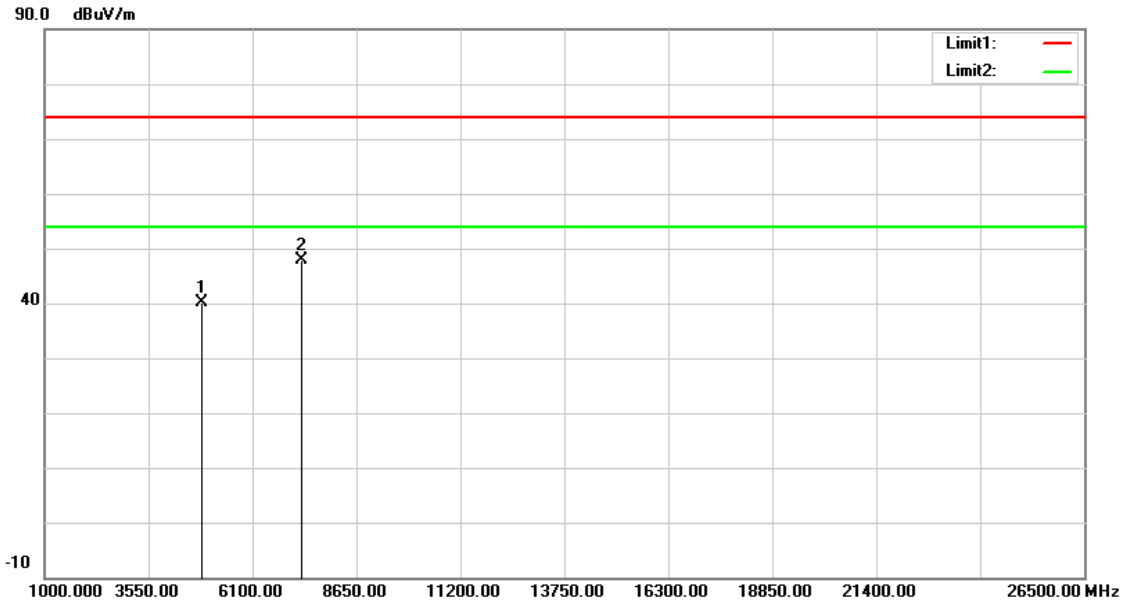
| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4824.000 | 36.58 | 5.37 | 41.95 | 74.00 | -32.05 | peak |
| 2 | 7236.000 | 34.98 | 11.90 | 46.88 | 74.00 | -27.12 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
Example: 41.95 = 5.37 + 36.58
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2437 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



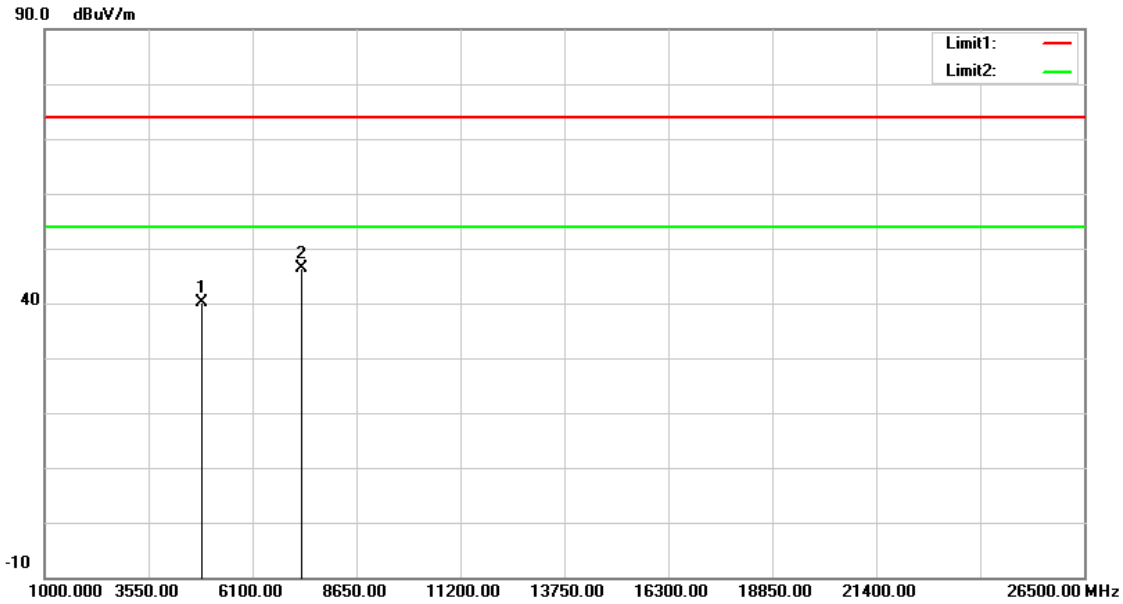

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4874.000 | 34.68 | 5.47 | 40.15 | 74.00 | -33.85 | peak |
| 2 | 7311.000 | 35.69 | 12.13 | 47.82 | 74.00 | -26.18 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2437 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



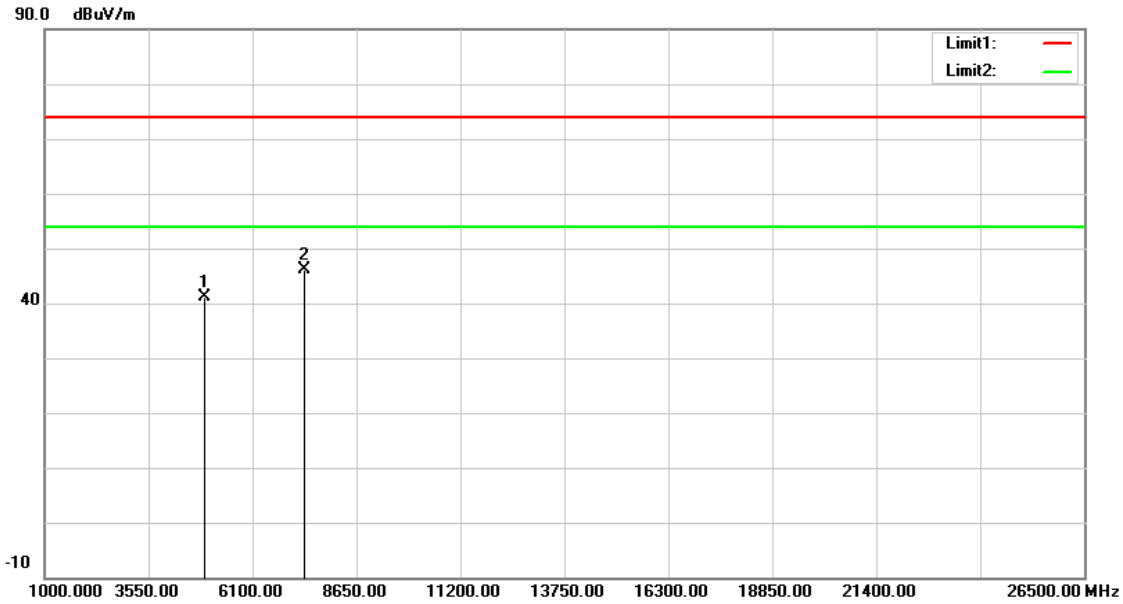

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4874.000 | 34.55 | 5.47 | 40.02 | 74.00 | -33.98 | peak |
| 2 | 7311.000 | 34.15 | 12.13 | 46.28 | 74.00 | -27.72 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



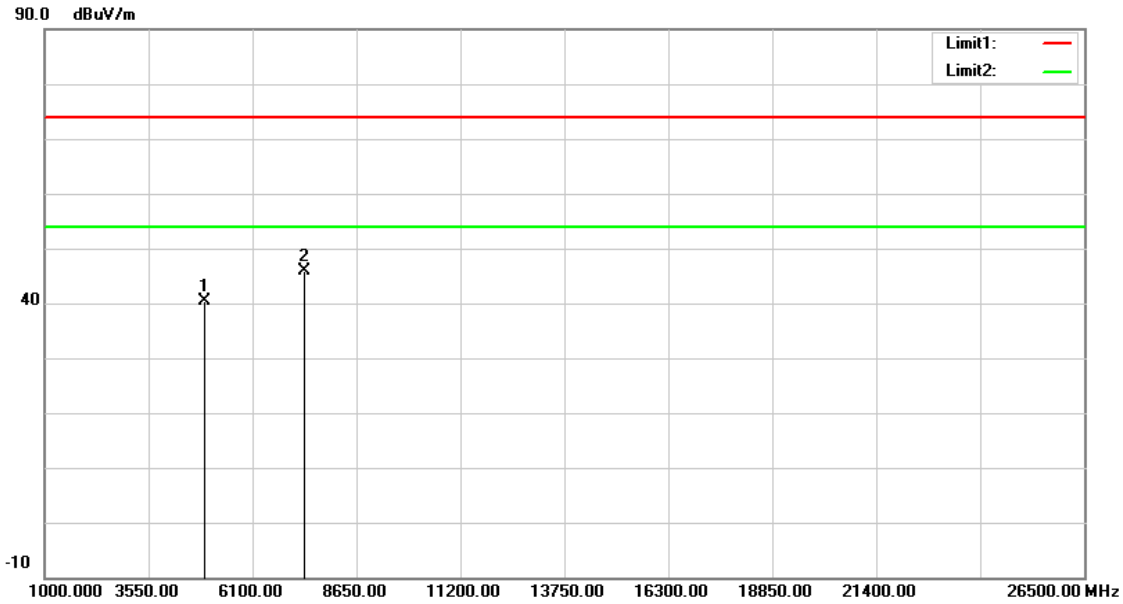

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4924.000 | 35.67 | 5.58 | 41.25 | 74.00 | -32.75 | peak |
| 2 | 7386.000 | 33.72 | 12.36 | 46.08 | 74.00 | -27.92 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



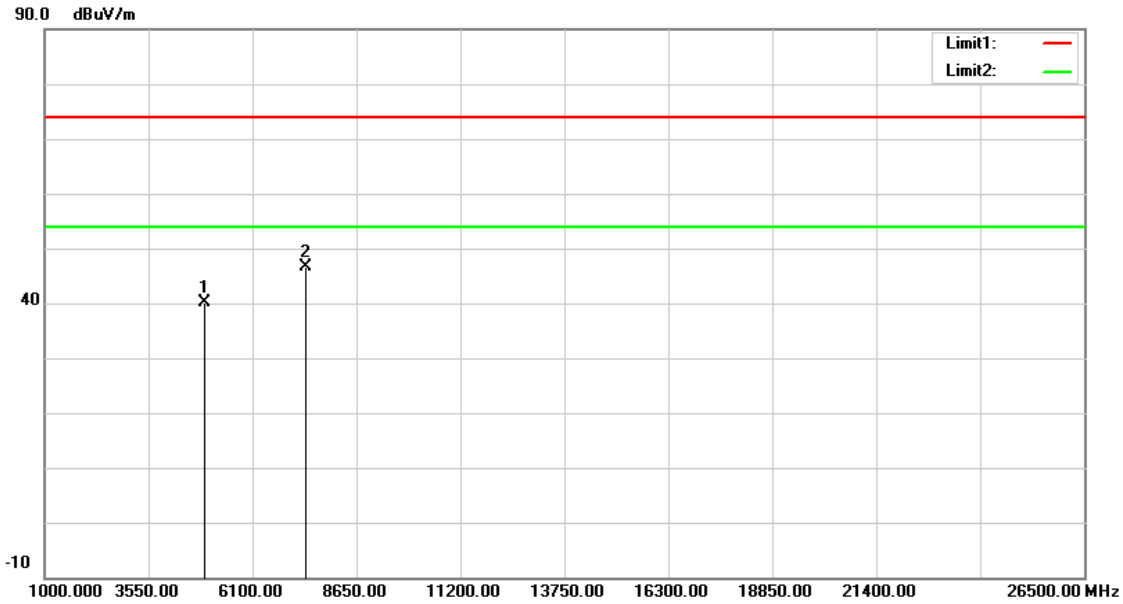

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4924.000 | 34.92 | 5.58 | 40.50 | 74.00 | -33.50 | peak |
| 2 | 7386.000 | 33.40 | 12.36 | 45.76 | 74.00 | -28.24 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



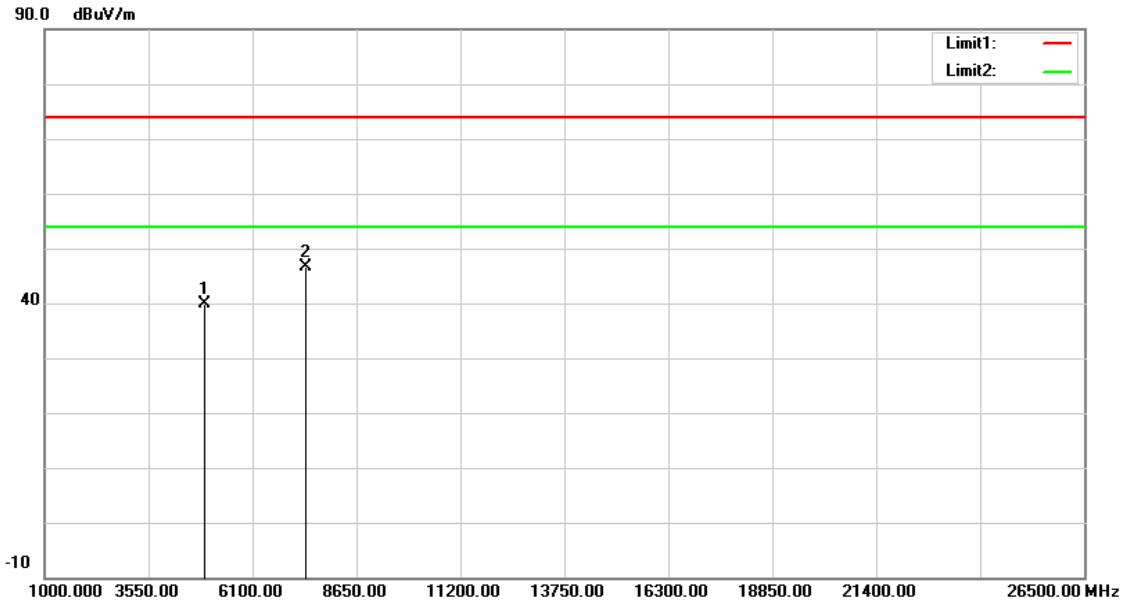

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4934.000 | 34.60 | 5.60 | 40.20 | 74.00 | -33.80 | peak |
| 2 | 7401.000 | 34.32 | 12.40 | 46.72 | 74.00 | -27.28 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



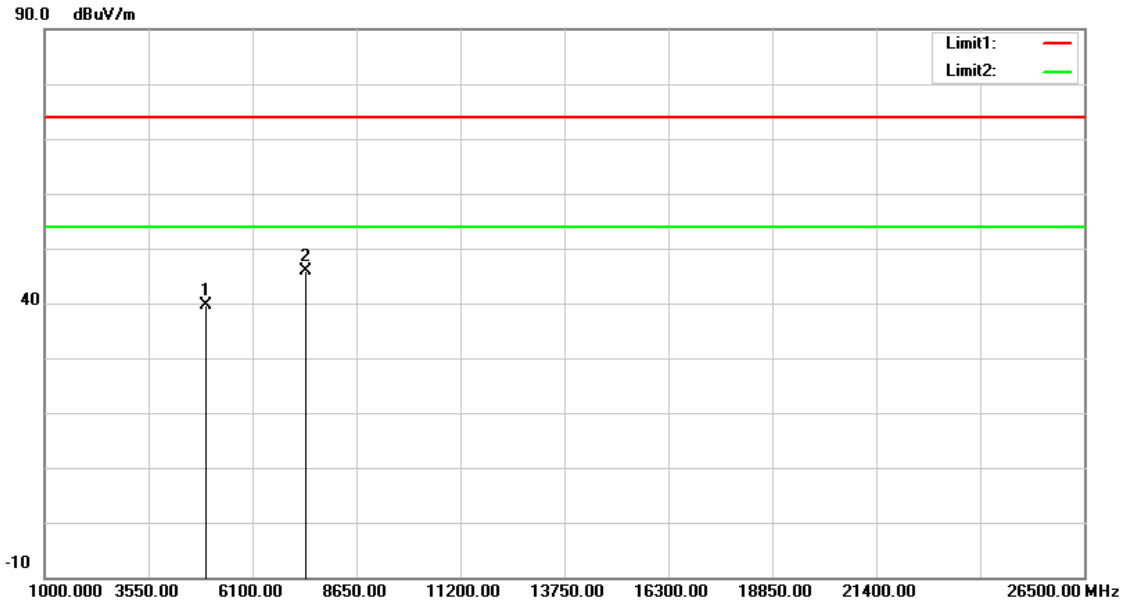

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4934.000 | 34.16 | 5.60 | 39.76 | 74.00 | -34.24 | peak |
| 2 | 7401.000 | 34.16 | 12.40 | 46.56 | 74.00 | -27.44 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



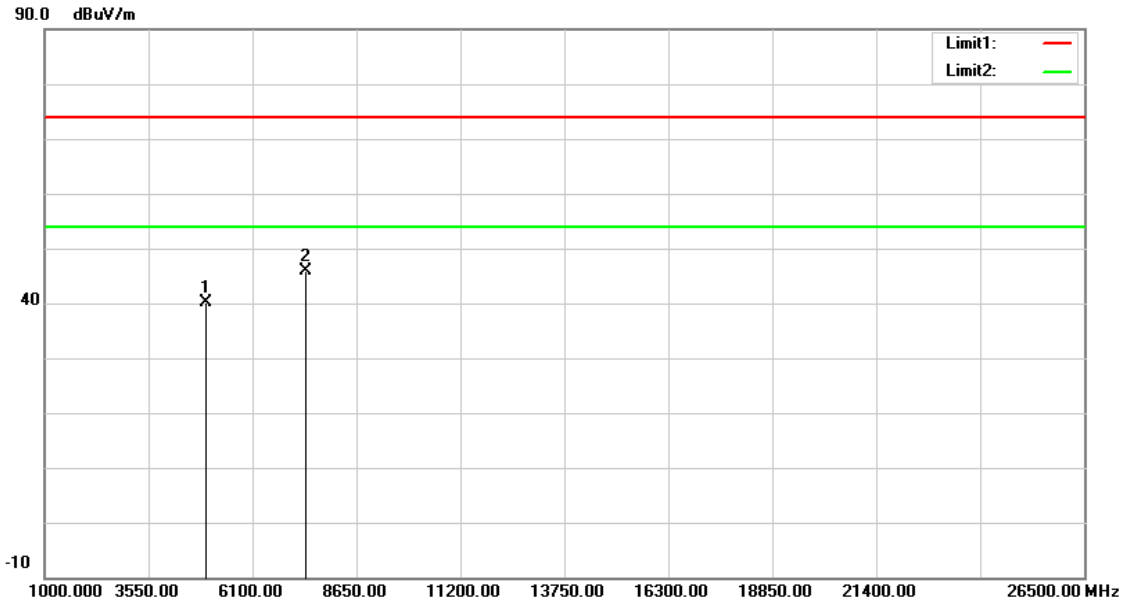

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4944.000 | 33.95 | 5.62 | 39.57 | 74.00 | -34.43 | peak |
| 2 | 7416.000 | 33.54 | 12.45 | 45.99 | 74.00 | -28.01 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



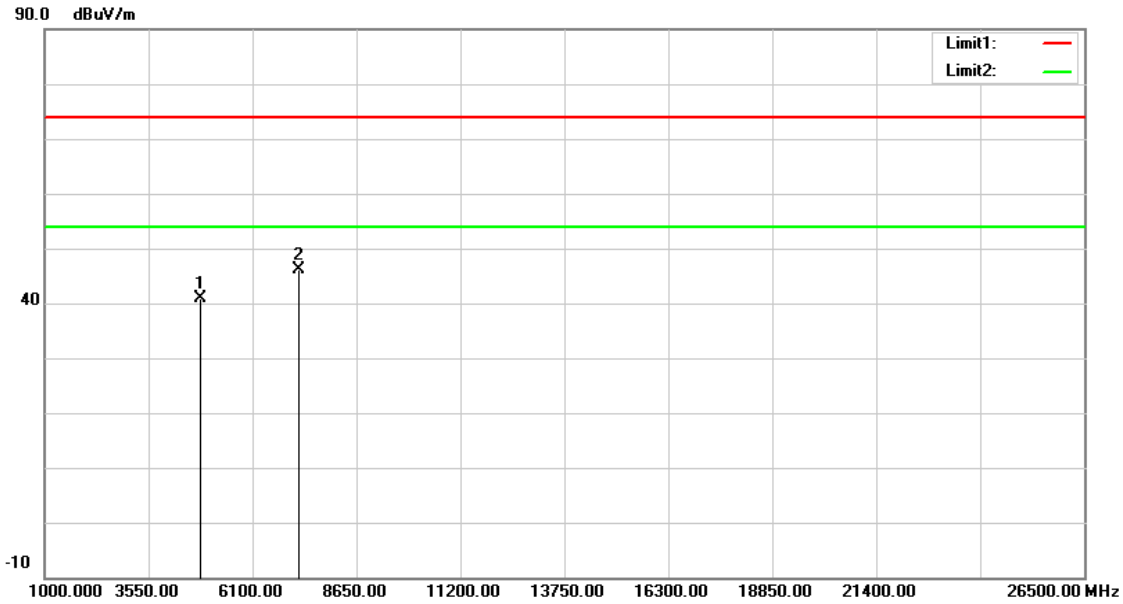

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4944.000 | 34.48 | 5.62 | 40.10 | 74.00 | -33.90 | peak |
| 2 | 7416.000 | 33.47 | 12.45 | 45.92 | 74.00 | -28.08 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



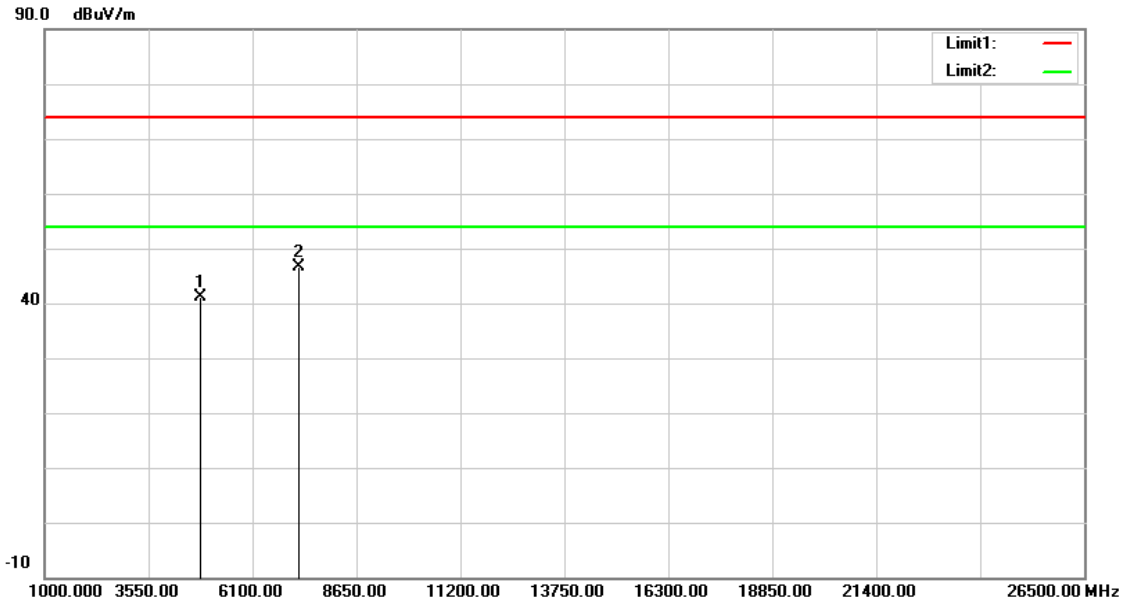

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4824.000 | 35.51 | 5.37 | 40.88 | 74.00 | -33.12 | peak |
| 2 | 7236.000 | 34.30 | 11.90 | 46.20 | 74.00 | -27.80 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



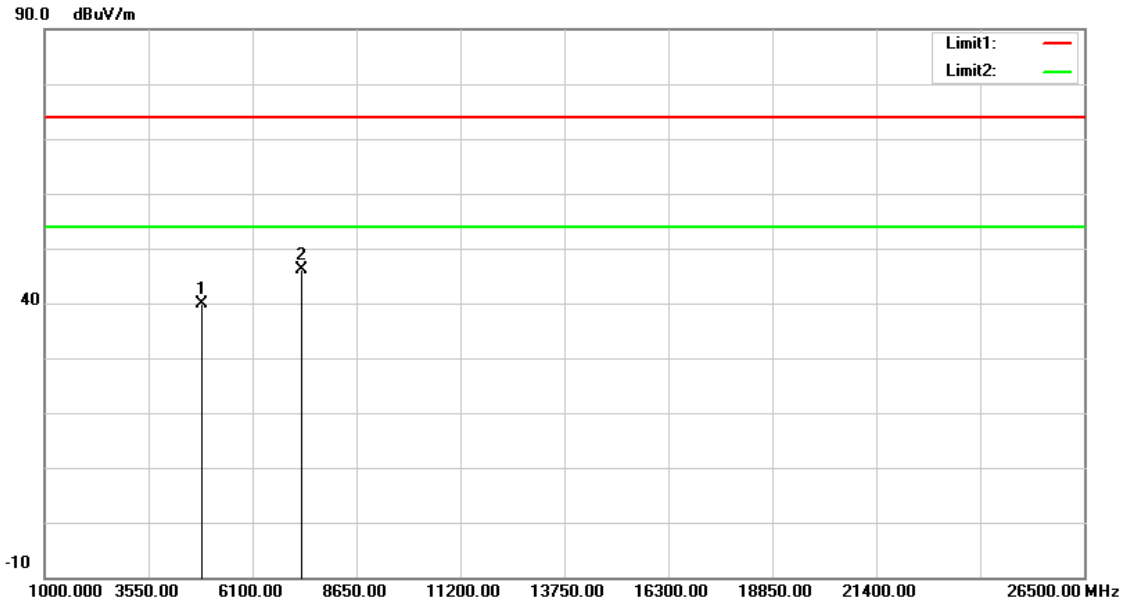

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4824.000 | 35.75 | 5.37 | 41.12 | 74.00 | -32.88 | peak |
| 2 | 7236.000 | 34.83 | 11.90 | 46.73 | 74.00 | -27.27 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2437 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



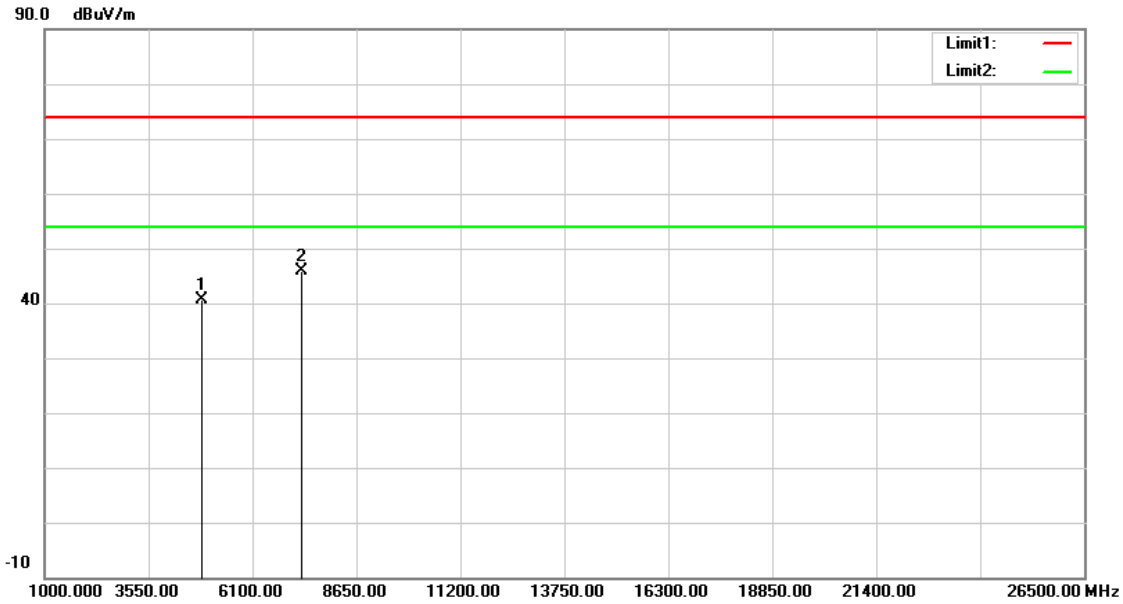

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4874.000 | 34.32 | 5.47 | 39.79 | 74.00 | -34.21 | peak |
| 2 | 7311.000 | 33.88 | 12.13 | 46.01 | 74.00 | -27.99 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2437 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



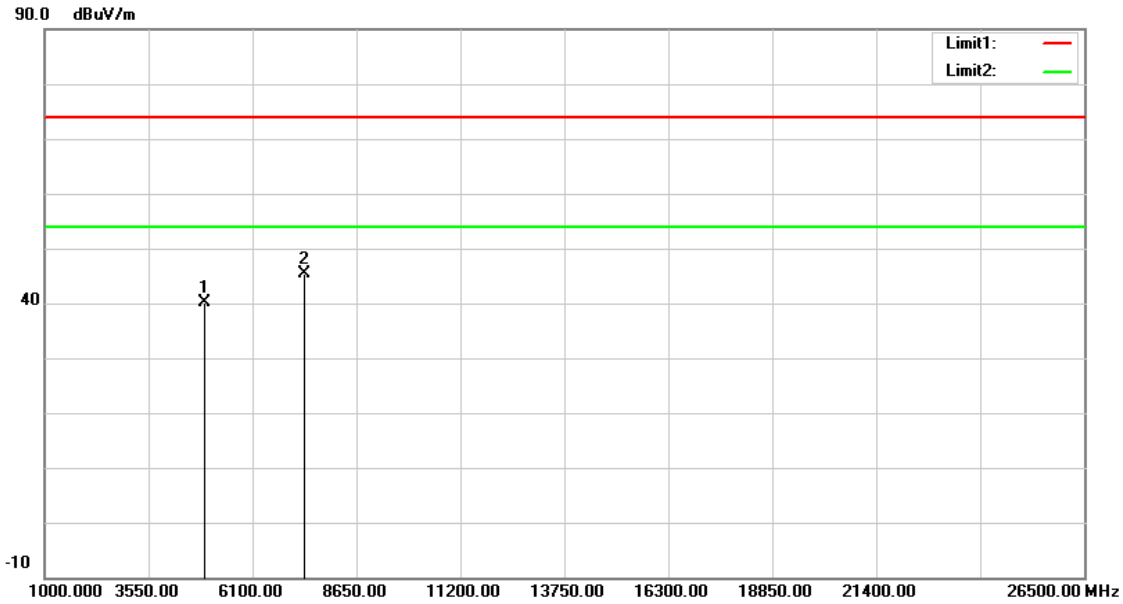

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4874.000 | 35.19 | 5.47 | 40.66 | 74.00 | -33.34 | peak |
| 2 | 7311.000 | 33.75 | 12.13 | 45.88 | 74.00 | -28.12 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



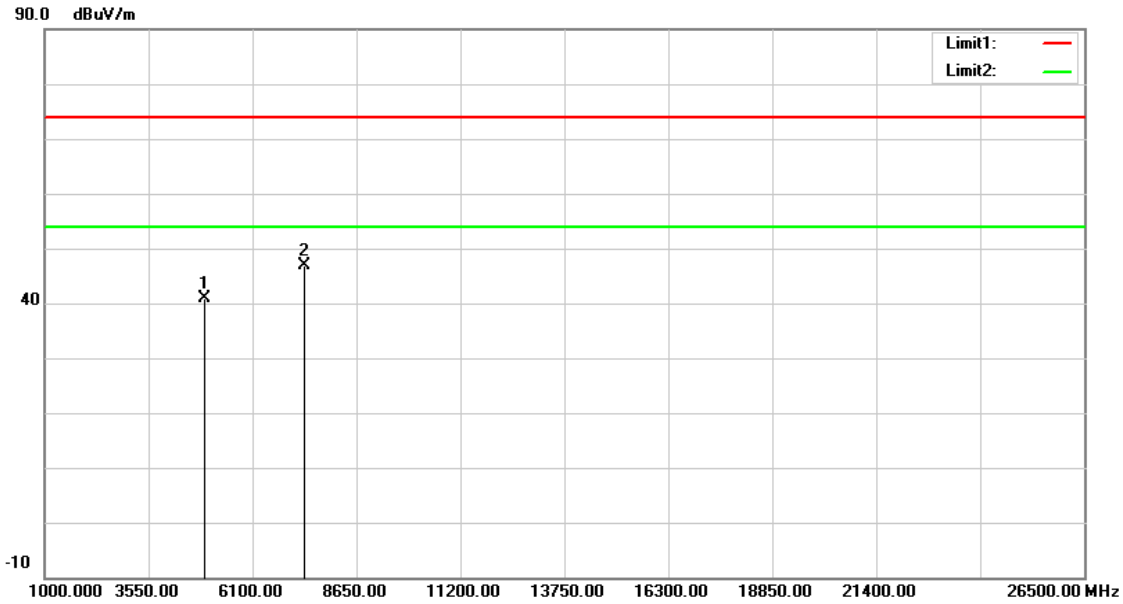

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4924.000 | 34.52 | 5.58 | 40.10 | 74.00 | -33.90 | peak |
| 2 | 7386.000 | 33.10 | 12.36 | 45.46 | 74.00 | -28.54 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



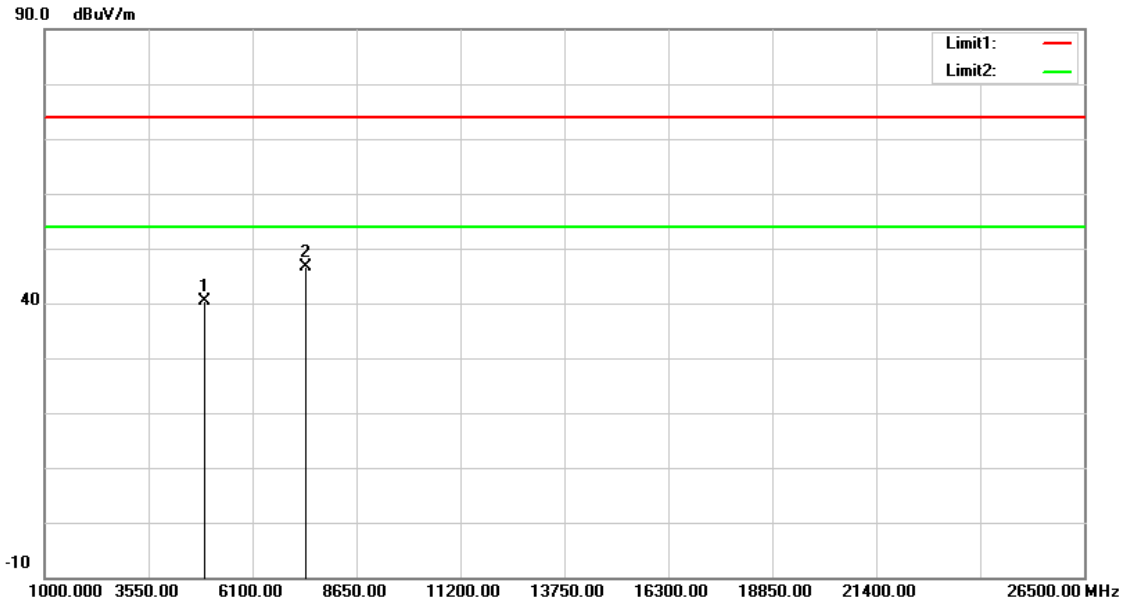

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4924.000 | 35.19 | 5.58 | 40.77 | 74.00 | -33.23 | peak |
| 2 | 7386.000 | 34.57 | 12.36 | 46.93 | 74.00 | -27.07 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



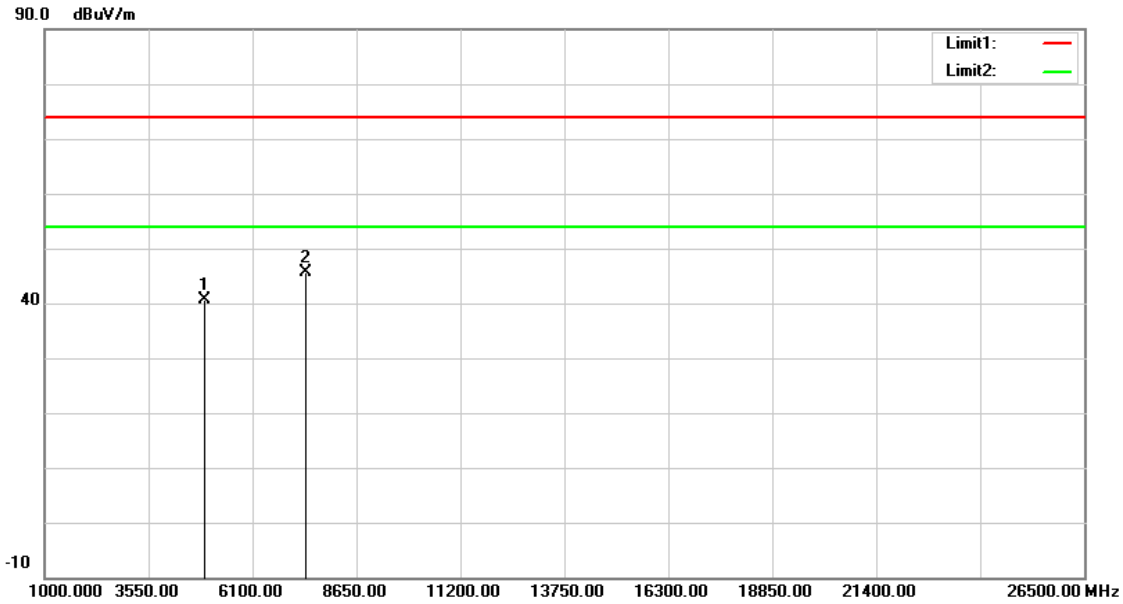

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4934.000 | 34.88 | 5.60 | 40.48 | 74.00 | -33.52 | peak |
| 2 | 7401.000 | 34.35 | 12.40 | 46.75 | 74.00 | -27.25 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



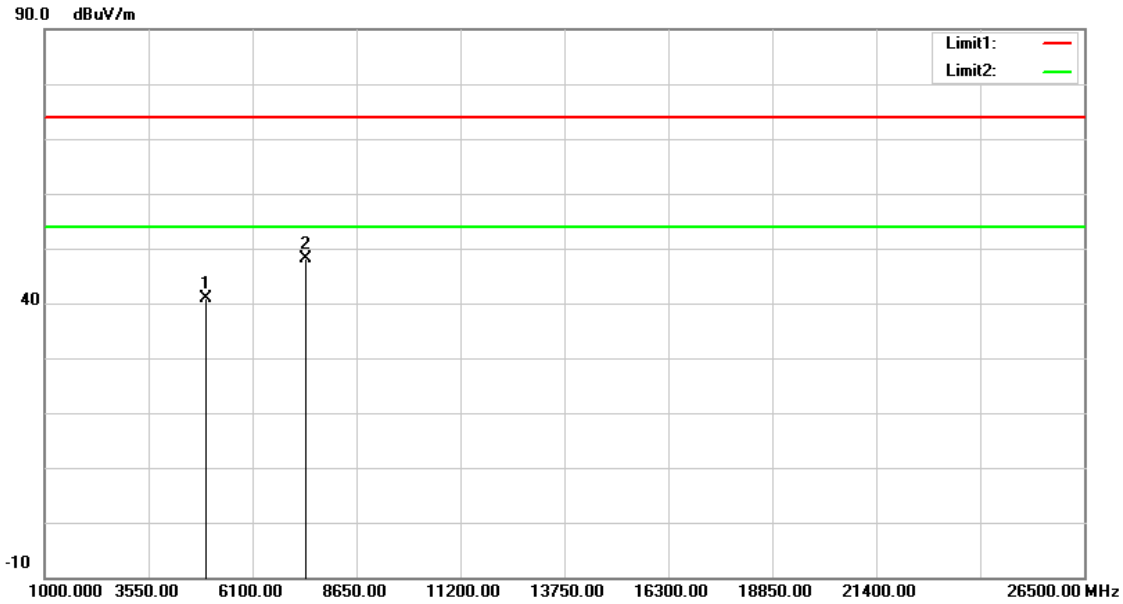

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4934.000 | 34.95 | 5.60 | 40.55 | 74.00 | -33.45 | peak |
| 2 | 7401.000 | 33.31 | 12.40 | 45.71 | 74.00 | -28.29 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



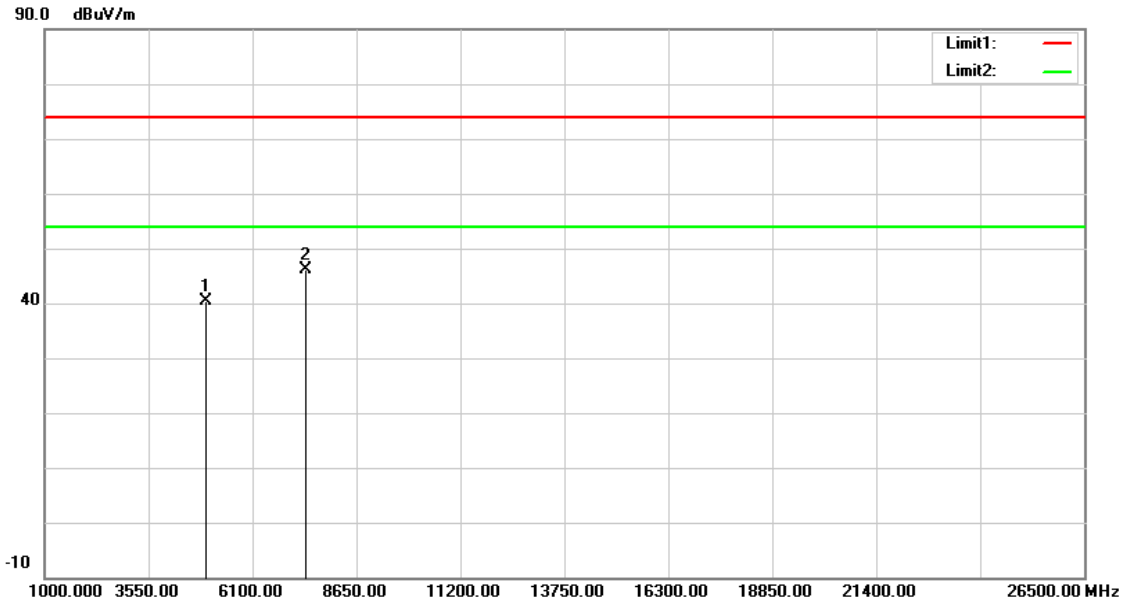

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4944.000 | 35.34 | 5.62 | 40.96 | 74.00 | -33.04 | peak |
| 2 | 7416.000 | 35.67 | 12.45 | 48.12 | 74.00 | -25.88 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4944.000 | 34.69 | 5.62 | 40.31 | 74.00 | -33.69 | peak |
| 2 | 7416.000 | 33.75 | 12.45 | 46.20 | 74.00 | -27.80 | peak |

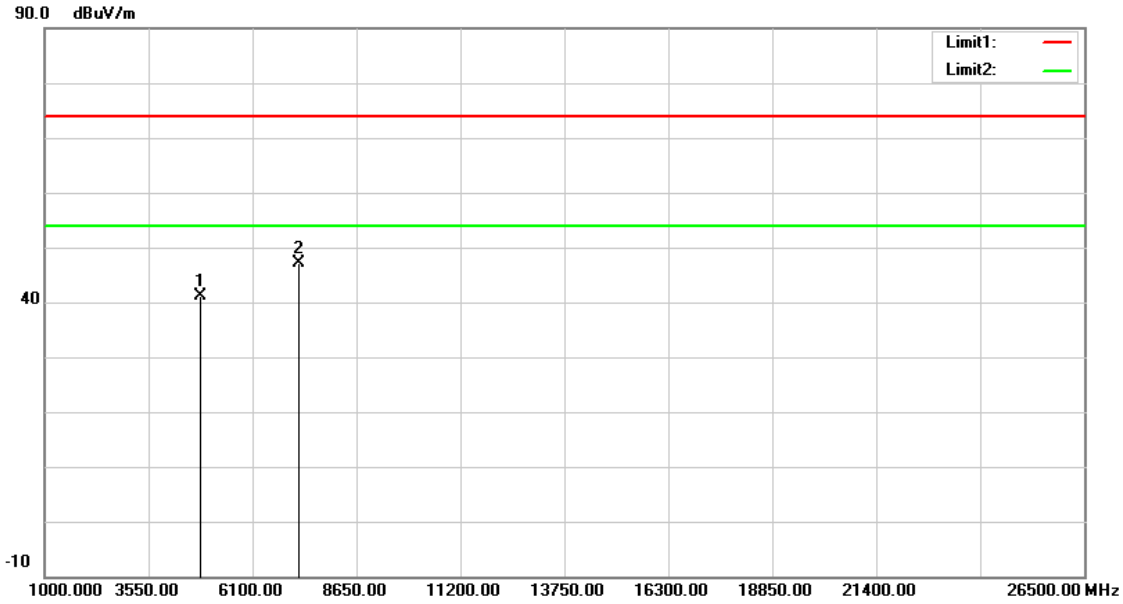
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

SISO B

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



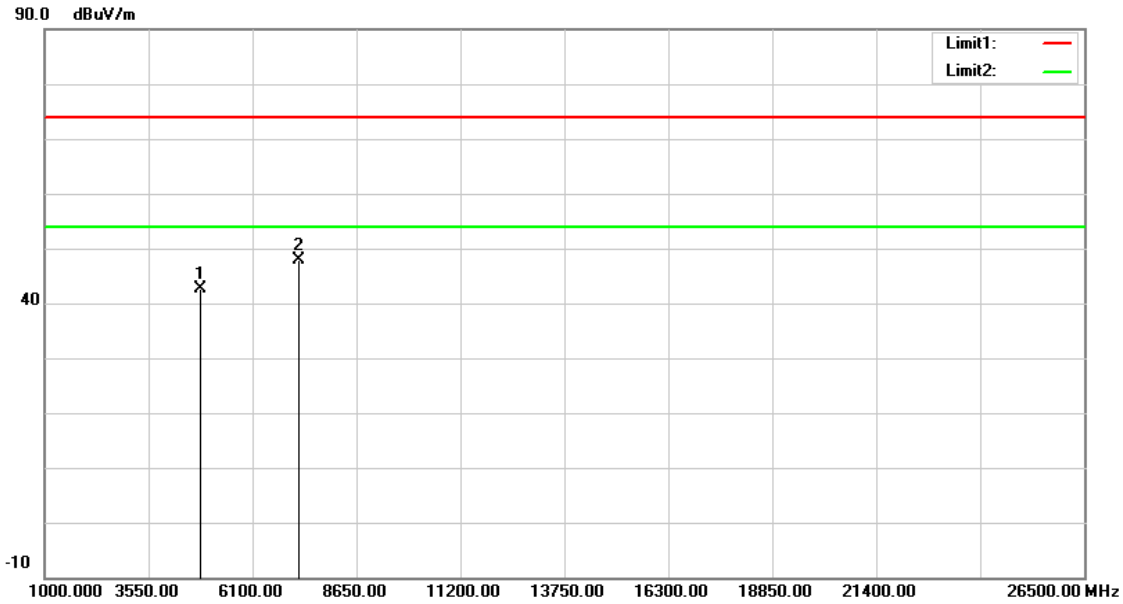

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4824.000 | 35.68 | 5.37 | 41.05 | 74.00 | -32.95 | peak |
| 2 | 7236.000 | 35.17 | 11.90 | 47.07 | 74.00 | -26.93 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



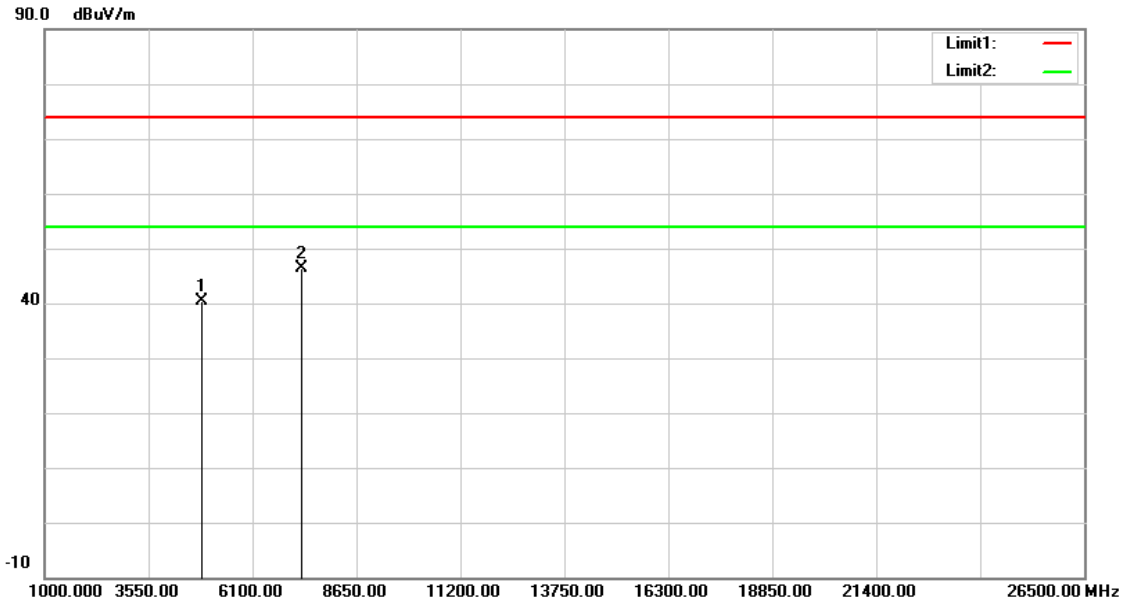

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4824.000 | 37.36 | 5.37 | 42.73 | 74.00 | -31.27 | peak |
| 2 | 7236.000 | 35.86 | 11.90 | 47.76 | 74.00 | -26.24 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2437 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



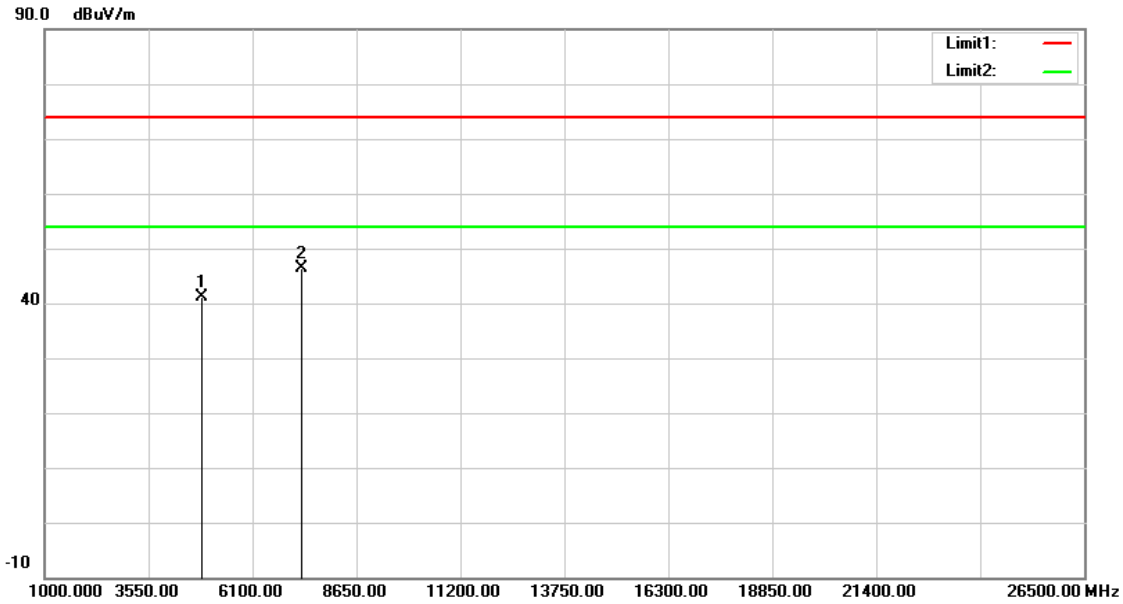

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4874.000 | 35.02 | 5.47 | 40.49 | 74.00 | -33.51 | peak |
| 2 | 7311.000 | 34.29 | 12.13 | 46.42 | 74.00 | -27.58 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2437 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



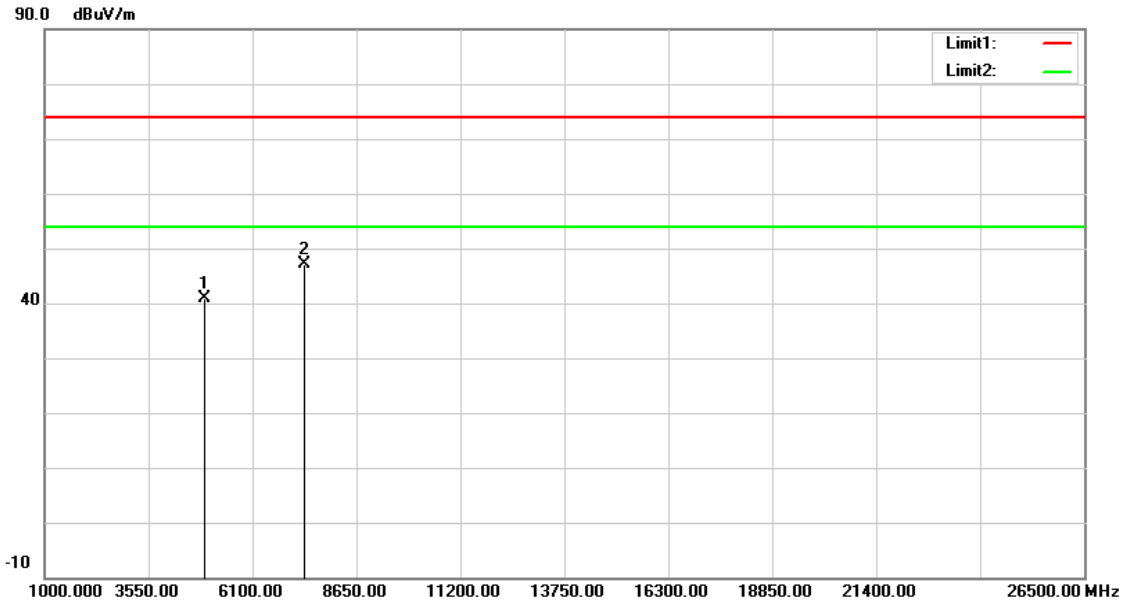

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4874.000 | 35.67 | 5.47 | 41.14 | 74.00 | -32.86 | peak |
| 2 | 7311.000 | 34.18 | 12.13 | 46.31 | 74.00 | -27.69 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



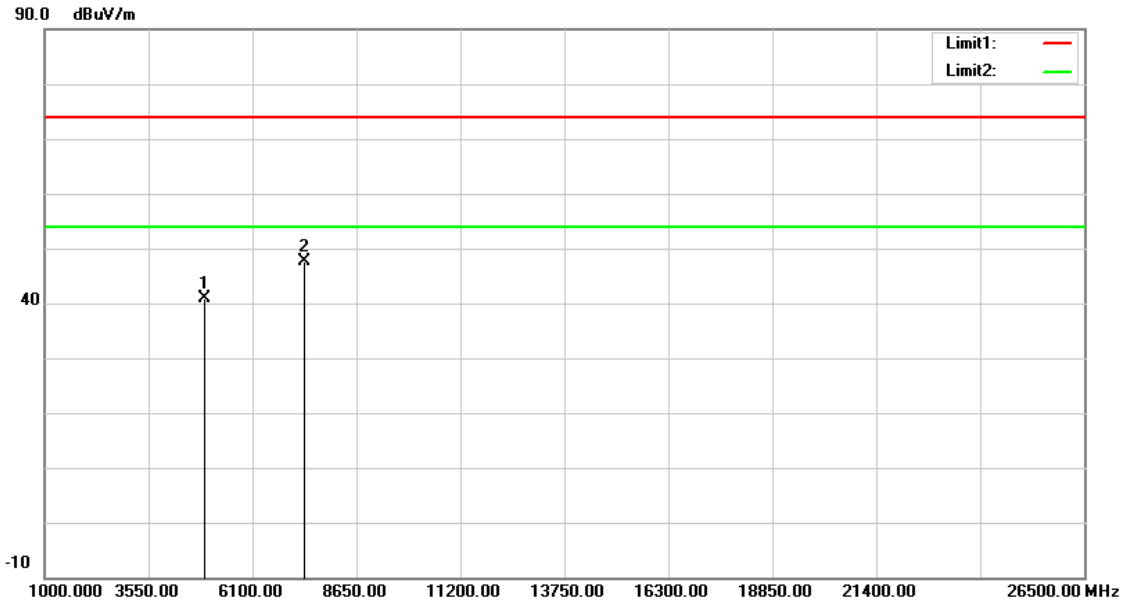

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4924.000 | 35.19 | 5.58 | 40.77 | 74.00 | -33.23 | peak |
| 2 | 7386.000 | 34.89 | 12.36 | 47.25 | 74.00 | -26.75 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



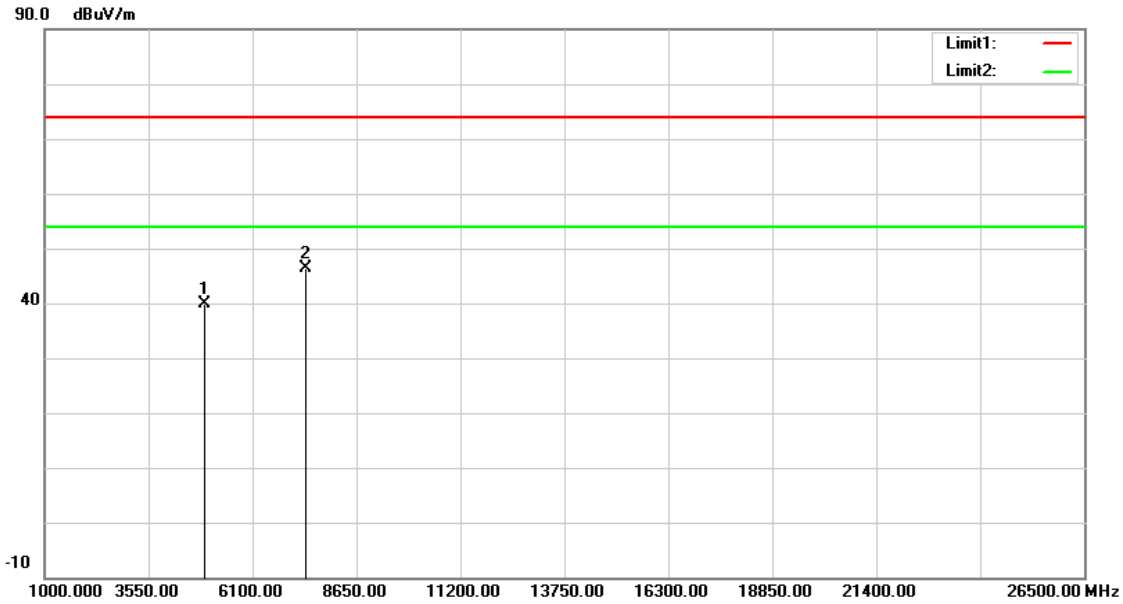

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4924.000 | 35.37 | 5.58 | 40.95 | 74.00 | -33.05 | peak |
| 2 | 7386.000 | 35.25 | 12.36 | 47.61 | 74.00 | -26.39 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



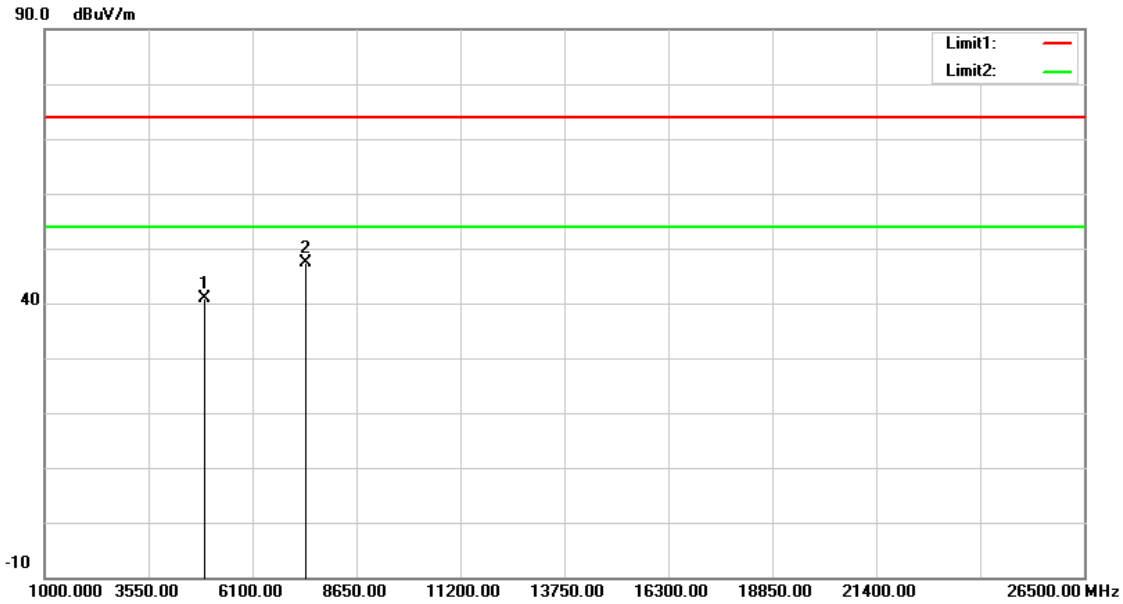

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4934.000 | 34.38 | 5.60 | 39.98 | 74.00 | -34.02 | peak |
| 2 | 7401.000 | 34.02 | 12.40 | 46.42 | 74.00 | -27.58 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



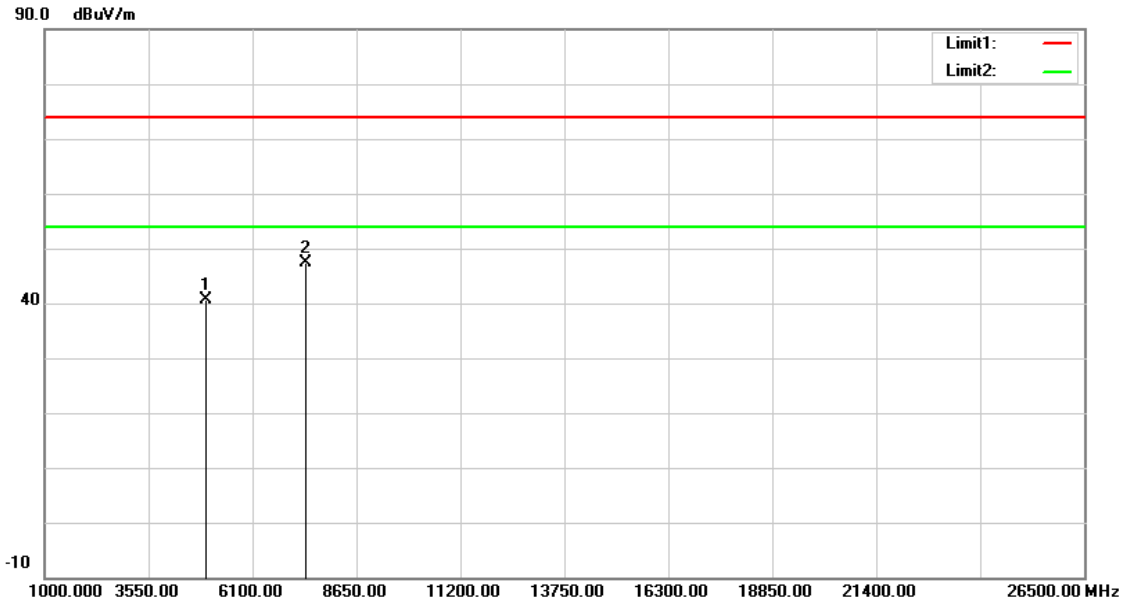

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4934.000 | 35.20 | 5.60 | 40.80 | 74.00 | -33.20 | peak |
| 2 | 7401.000 | 34.89 | 12.40 | 47.29 | 74.00 | -26.71 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



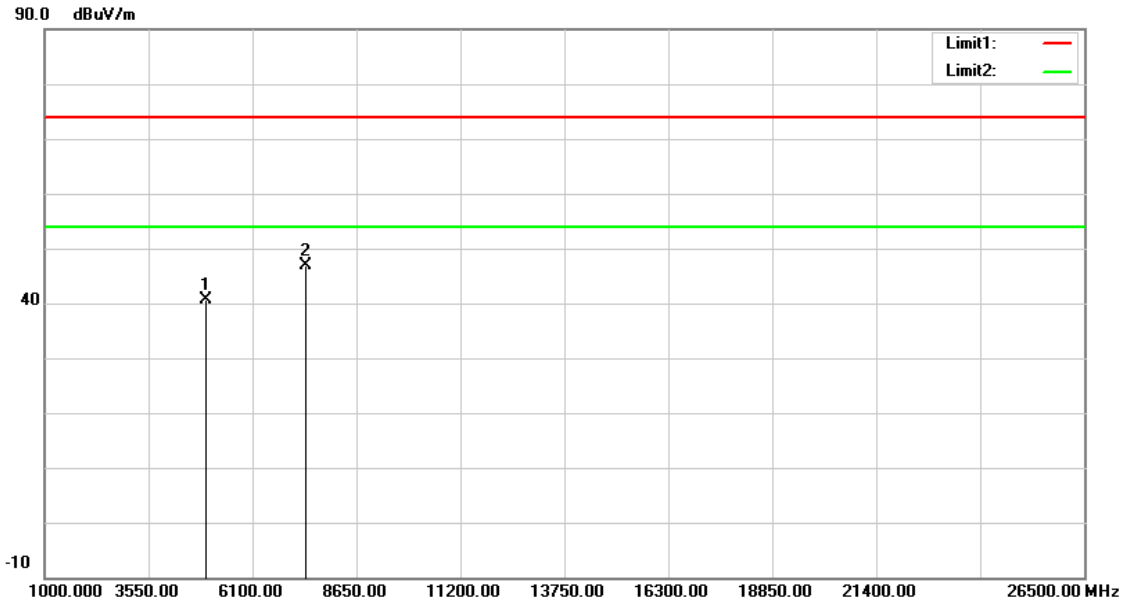

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4944.000 | 34.99 | 5.62 | 40.61 | 74.00 | -33.39 | peak |
| 2 | 7416.000 | 34.85 | 12.45 | 47.30 | 74.00 | -26.70 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



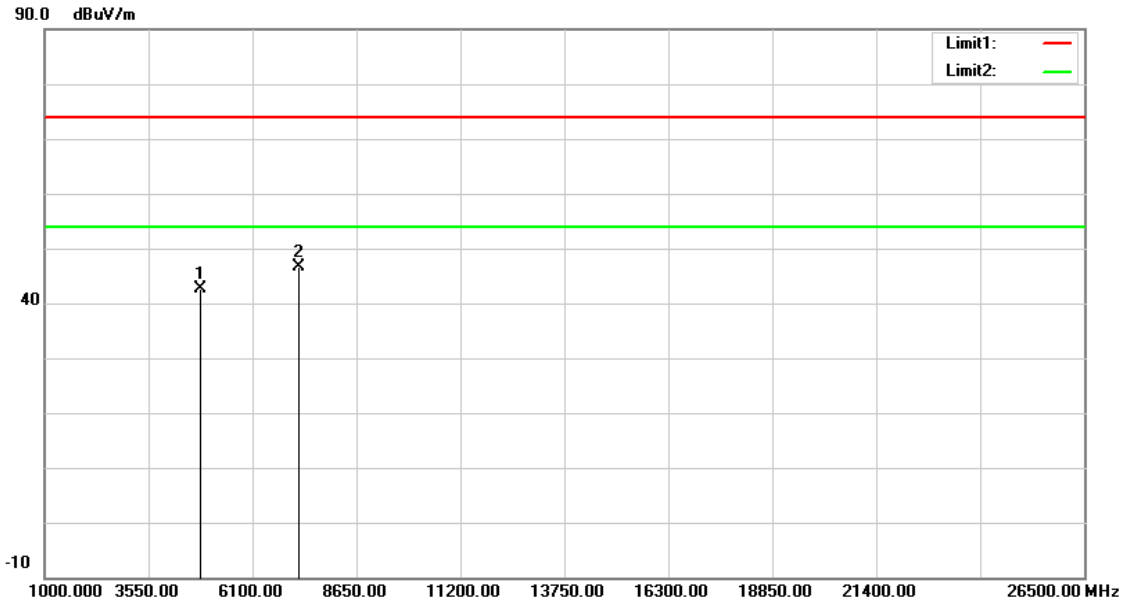

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4944.000 | 34.95 | 5.62 | 40.57 | 74.00 | -33.43 | peak |
| 2 | 7416.000 | 34.38 | 12.45 | 46.83 | 74.00 | -27.17 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



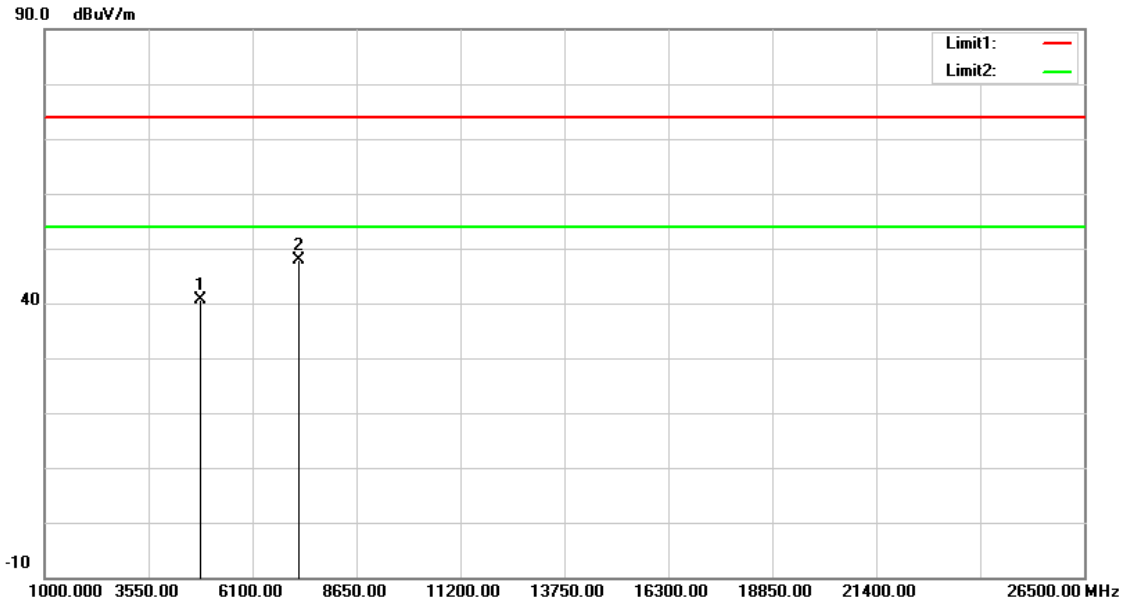

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4824.000 | 37.26 | 5.37 | 42.63 | 74.00 | -31.37 | peak |
| 2 | 7236.000 | 34.71 | 11.90 | 46.61 | 74.00 | -27.39 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



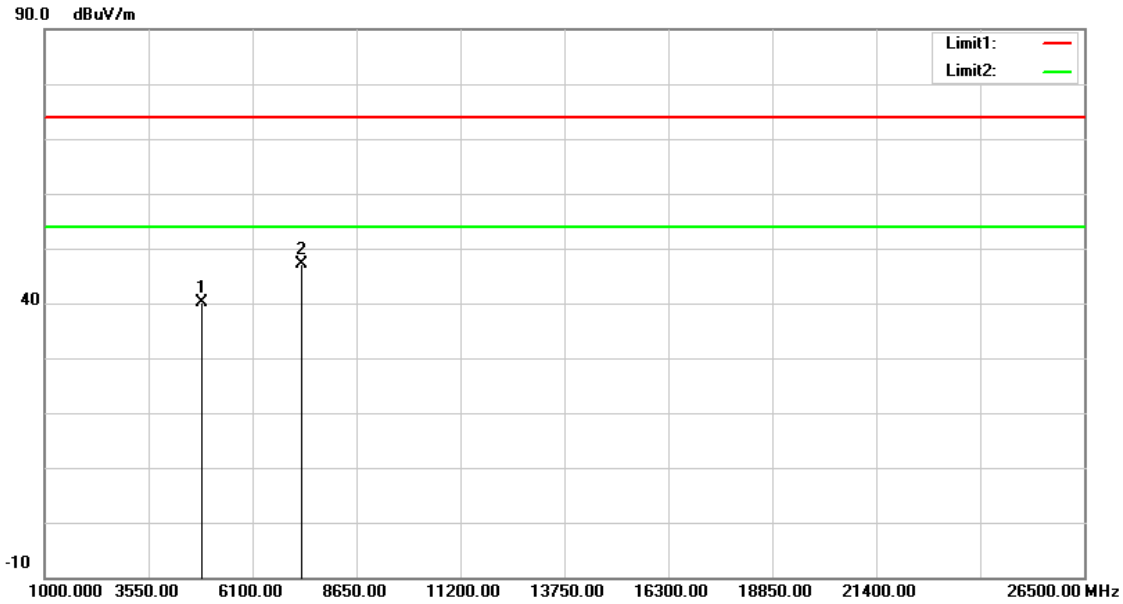

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4824.000 | 35.16 | 5.37 | 40.53 | 74.00 | -33.47 | peak |
| 2 | 7236.000 | 35.96 | 11.90 | 47.86 | 74.00 | -26.14 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2437 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



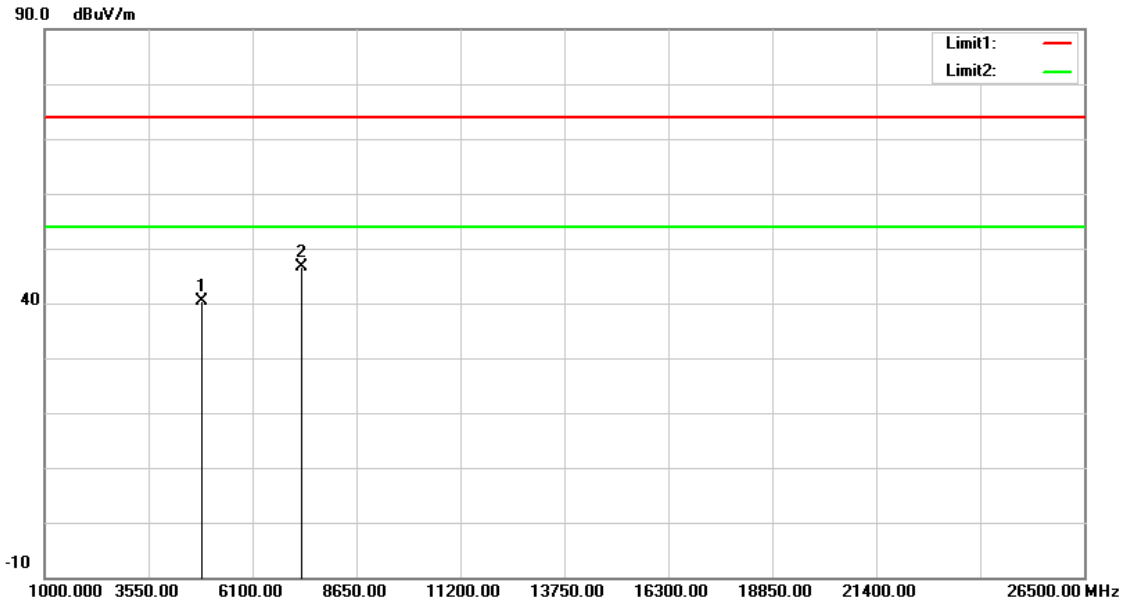

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4874.000 | 34.54 | 5.47 | 40.01 | 74.00 | -33.99 | peak |
| 2 | 7311.000 | 34.95 | 12.13 | 47.08 | 74.00 | -26.92 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2437 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



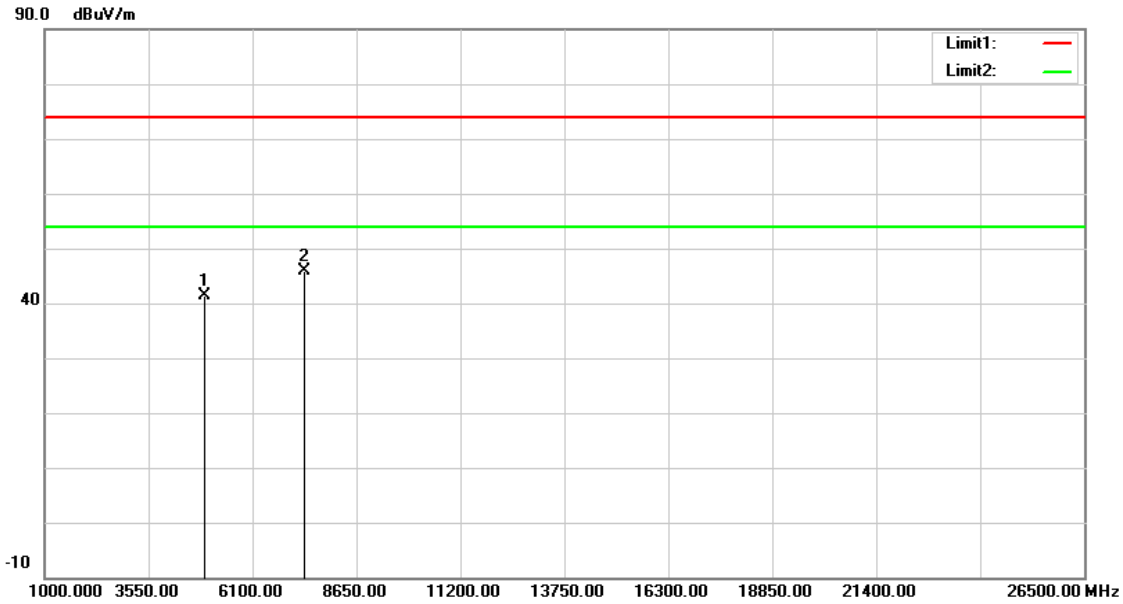

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4874.000 | 34.97 | 5.47 | 40.44 | 74.00 | -33.56 | peak |
| 2 | 7311.000 | 34.57 | 12.13 | 46.70 | 74.00 | -27.30 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



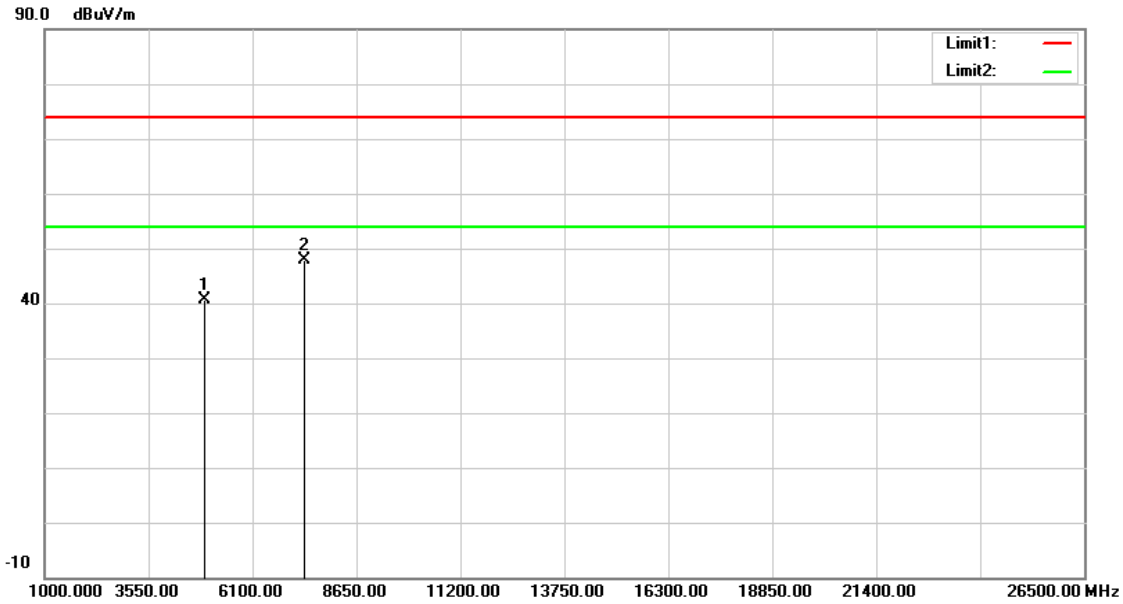

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4924.000 | 35.69 | 5.58 | 41.27 | 74.00 | -32.73 | peak |
| 2 | 7386.000 | 33.48 | 12.36 | 45.84 | 74.00 | -28.16 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



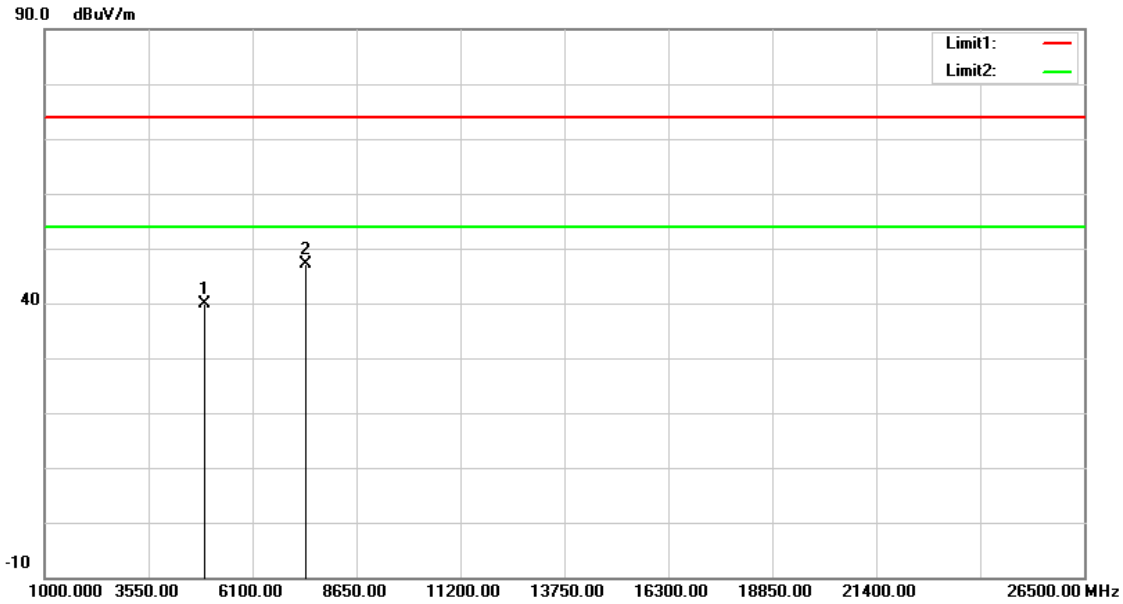

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4924.000 | 35.02 | 5.58 | 40.60 | 74.00 | -33.40 | peak |
| 2 | 7386.000 | 35.46 | 12.36 | 47.82 | 74.00 | -26.18 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



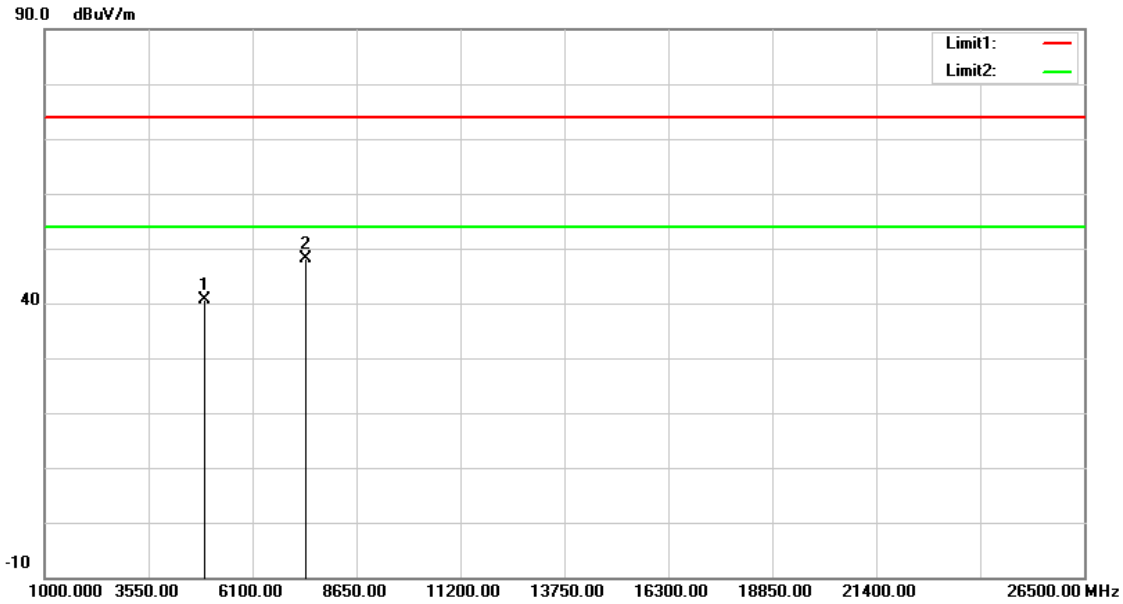

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4934.000 | 34.33 | 5.60 | 39.93 | 74.00 | -34.07 | peak |
| 2 | 7401.000 | 34.66 | 12.40 | 47.06 | 74.00 | -26.94 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



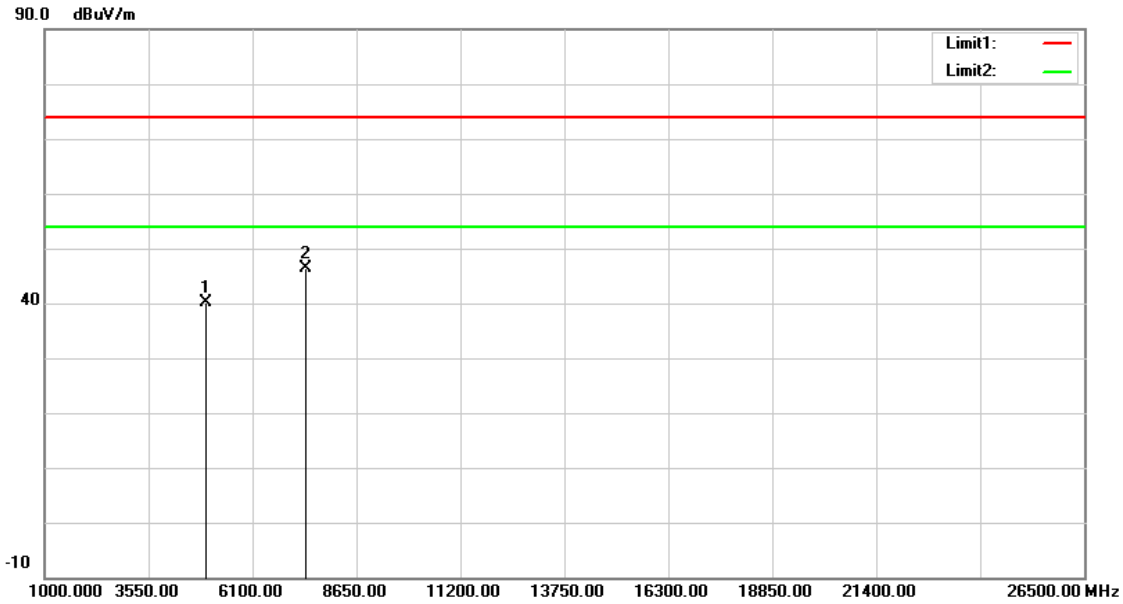

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4934.000 | 35.10 | 5.60 | 40.70 | 74.00 | -33.30 | peak |
| 2 | 7401.000 | 35.69 | 12.40 | 48.09 | 74.00 | -25.91 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



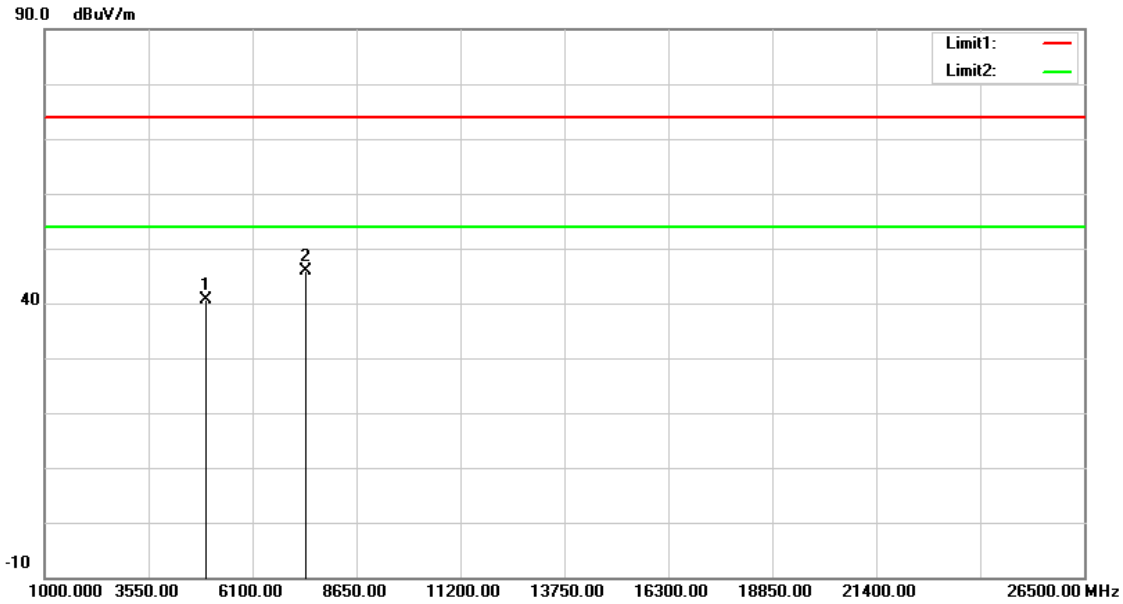

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4944.000 | 34.63 | 5.62 | 40.25 | 74.00 | -33.75 | peak |
| 2 | 7416.000 | 34.05 | 12.45 | 46.50 | 74.00 | -27.50 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4944.000 | 34.97 | 5.62 | 40.59 | 74.00 | -33.41 | peak |
| 2 | 7416.000 | 33.54 | 12.45 | 45.99 | 74.00 | -28.01 | peak |

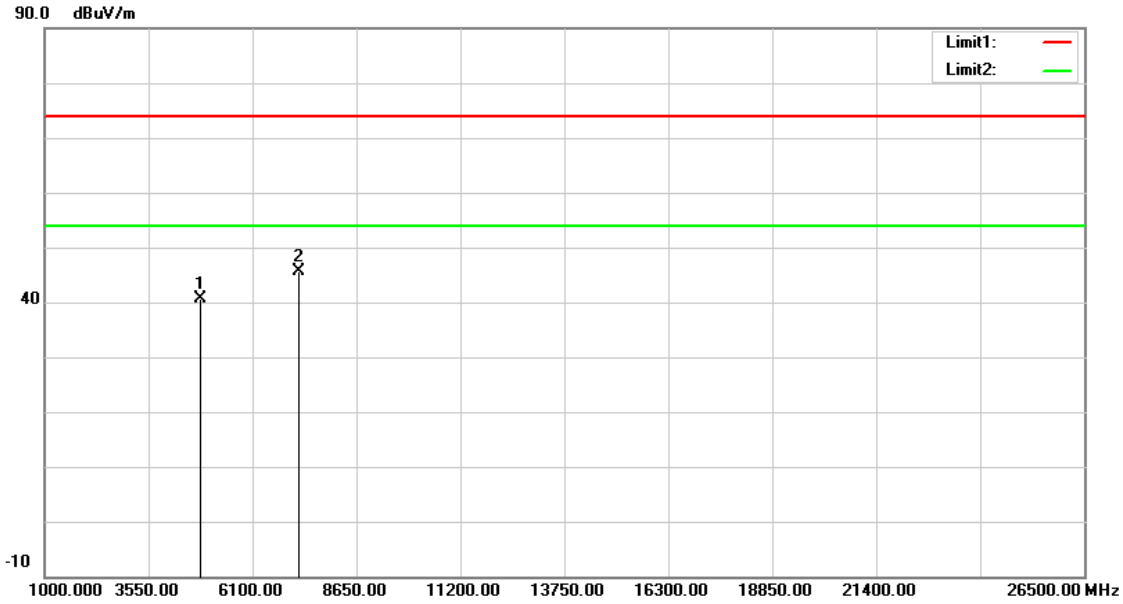
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

MIMO A+B

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Horizontal | | |



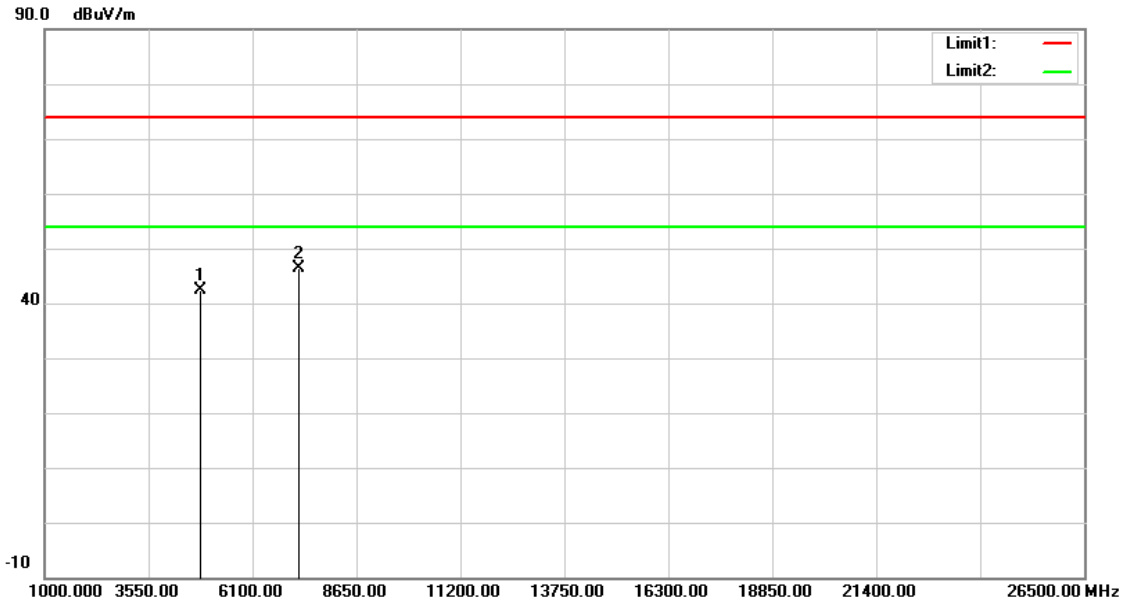

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4824.000 | 35.20 | 5.37 | 40.57 | 74.00 | -33.43 | peak |
| 2 | 7236.000 | 33.72 | 11.90 | 45.62 | 74.00 | -28.38 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Vertical | | |



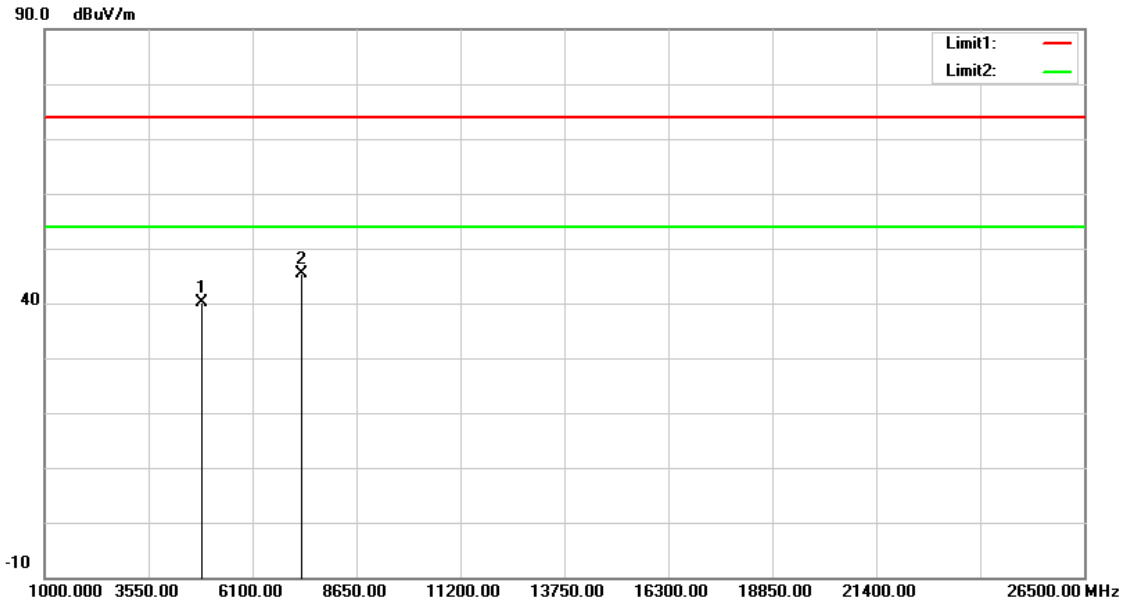

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4824.000 | 37.06 | 5.37 | 42.43 | 74.00 | -31.57 | peak |
| 2 | 7236.000 | 34.52 | 11.90 | 46.42 | 74.00 | -27.58 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2437 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Horizontal | | |



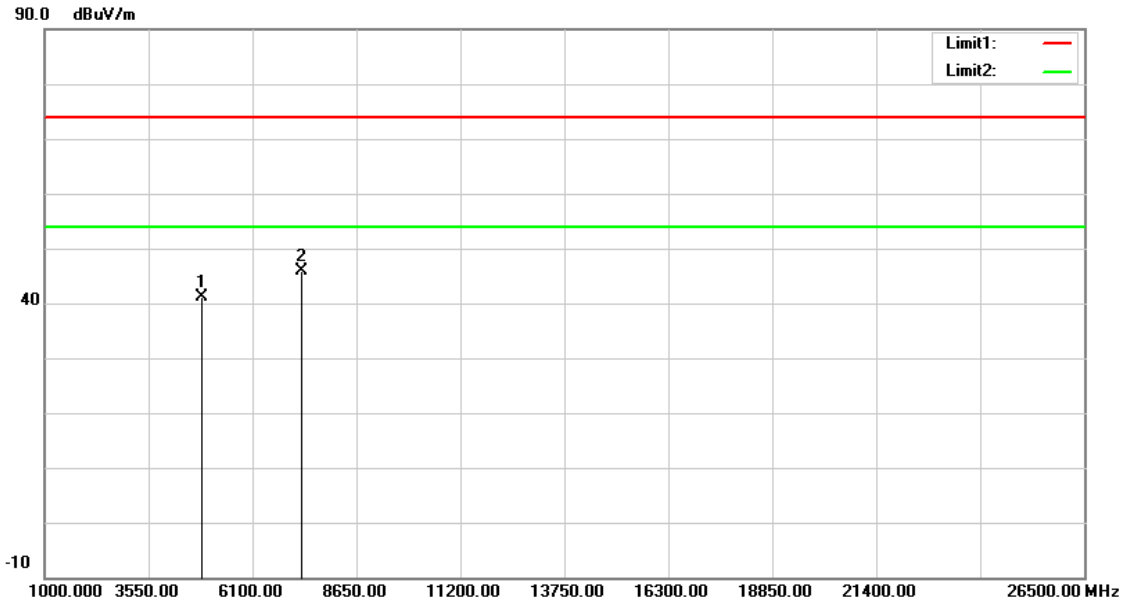

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4874.000 | 34.57 | 5.47 | 40.04 | 74.00 | -33.96 | peak |
| 2 | 7311.000 | 33.29 | 12.13 | 45.42 | 74.00 | -28.58 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2437 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Vertical | | |



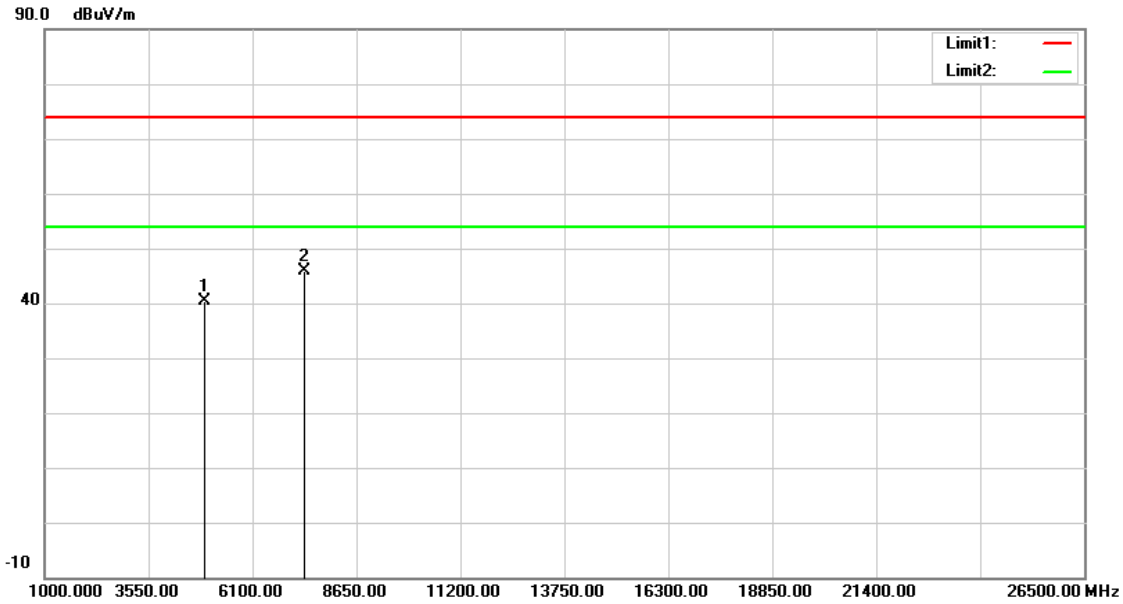

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4874.000 | 35.71 | 5.47 | 41.18 | 74.00 | -32.82 | peak |
| 2 | 7311.000 | 33.82 | 12.13 | 45.95 | 74.00 | -28.05 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Horizontal | | |



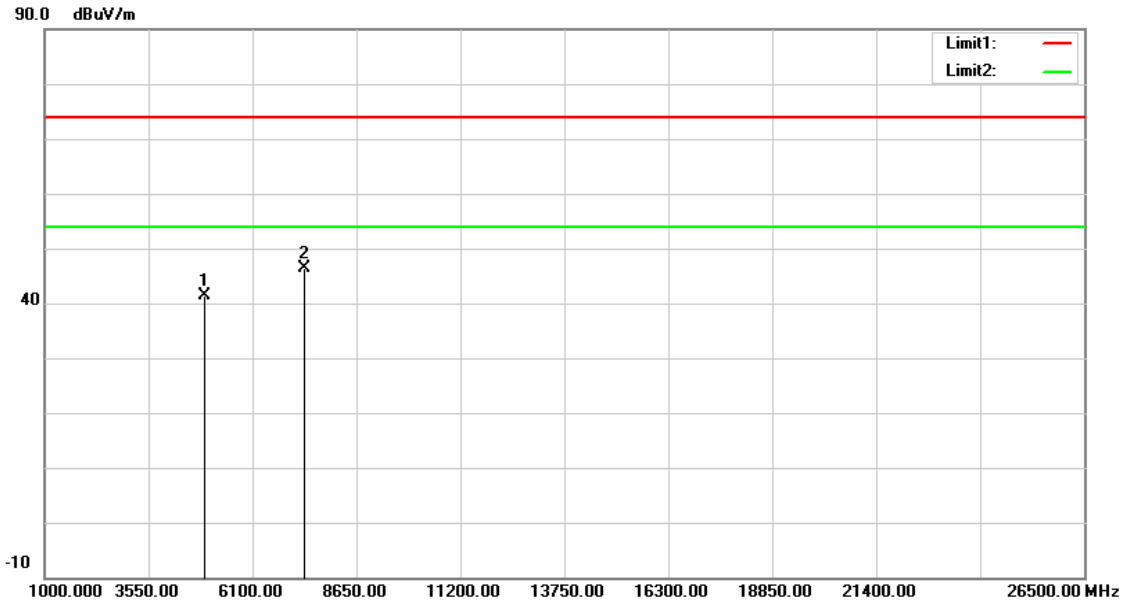

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4924.000 | 34.89 | 5.58 | 40.47 | 74.00 | -33.53 | peak |
| 2 | 7386.000 | 33.50 | 12.36 | 45.86 | 74.00 | -28.14 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Vertical | | |



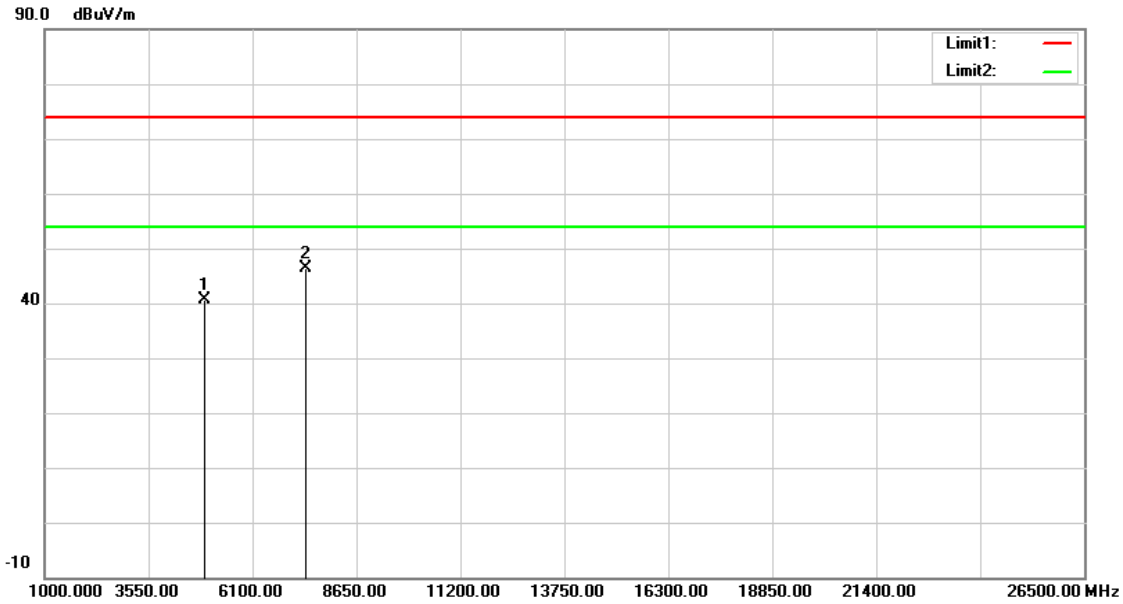

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4924.000 | 35.89 | 5.58 | 41.47 | 74.00 | -32.53 | peak |
| 2 | 7386.000 | 34.02 | 12.36 | 46.38 | 74.00 | -27.62 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Horizontal | | |



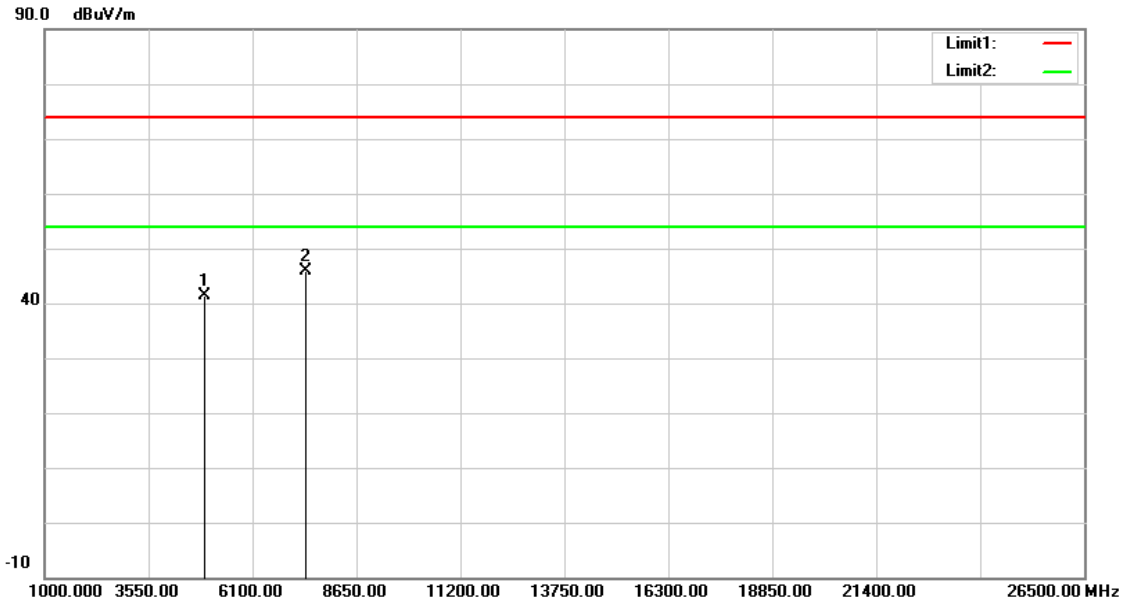

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4934.000 | 34.94 | 5.60 | 40.54 | 74.00 | -33.46 | peak |
| 2 | 7401.000 | 33.88 | 12.40 | 46.28 | 74.00 | -27.72 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Vertical | | |



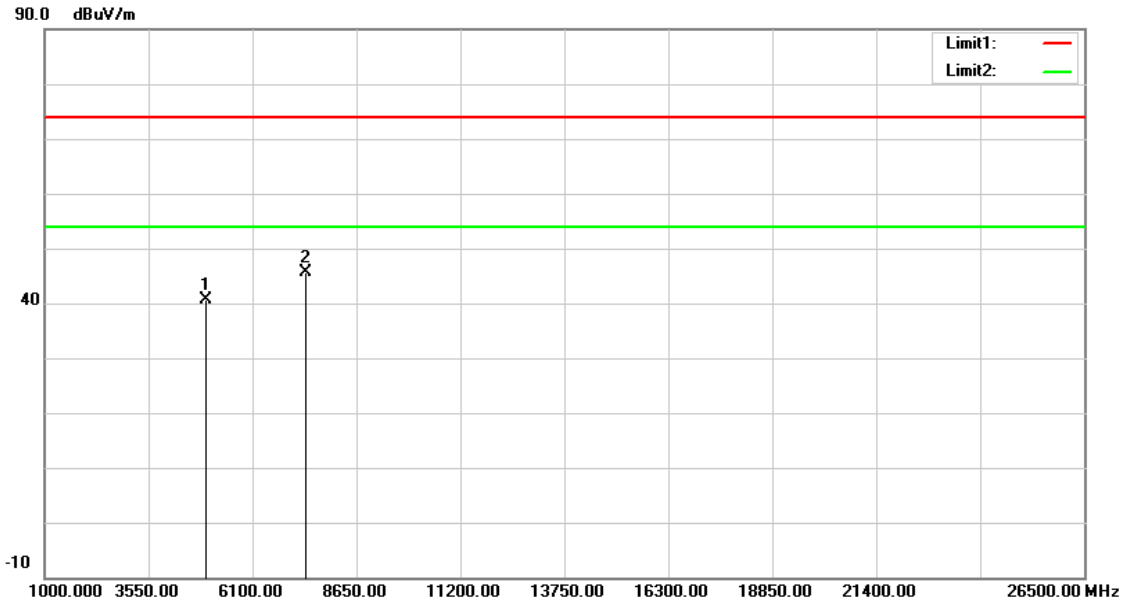

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4934.000 | 35.71 | 5.60 | 41.31 | 74.00 | -32.69 | peak |
| 2 | 7401.000 | 33.59 | 12.40 | 45.99 | 74.00 | -28.01 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Horizontal | | |



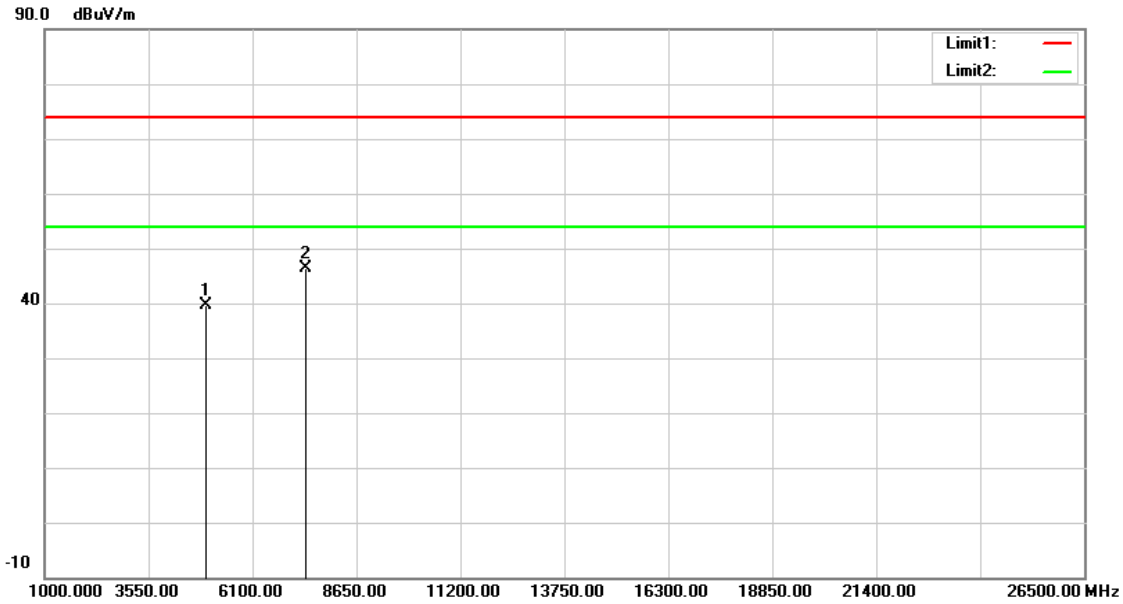

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4944.000 | 34.94 | 5.62 | 40.56 | 74.00 | -33.44 | peak |
| 2 | 7416.000 | 33.08 | 12.45 | 45.53 | 74.00 | -28.47 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Vertical | | |



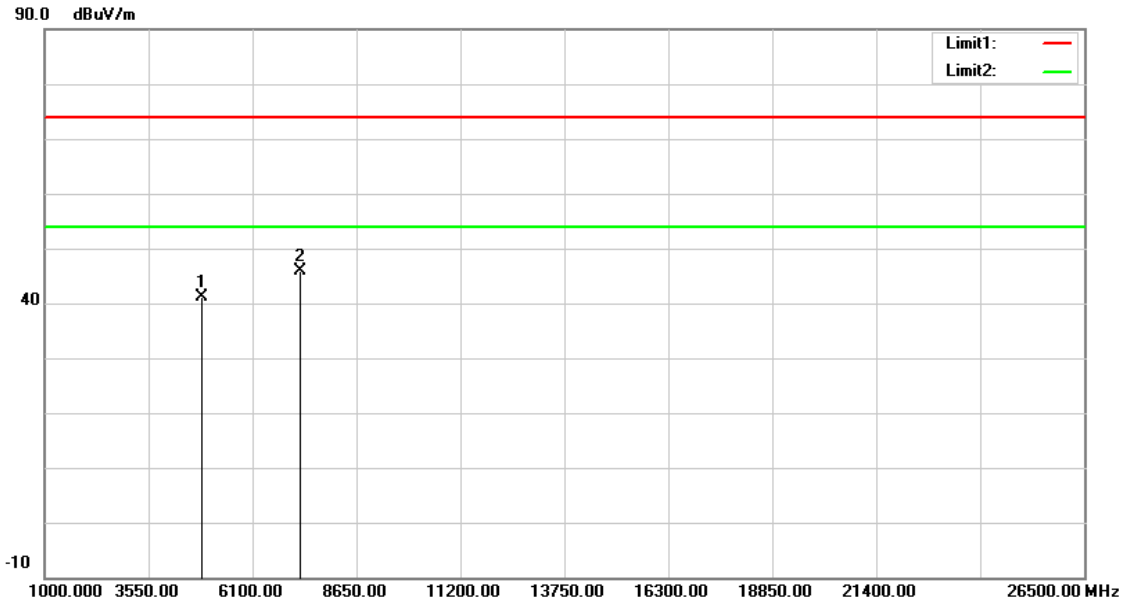

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4944.000 | 33.90 | 5.62 | 39.52 | 74.00 | -34.48 | peak |
| 2 | 7416.000 | 33.98 | 12.45 | 46.43 | 74.00 | -27.57 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2422 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Horizontal | | |



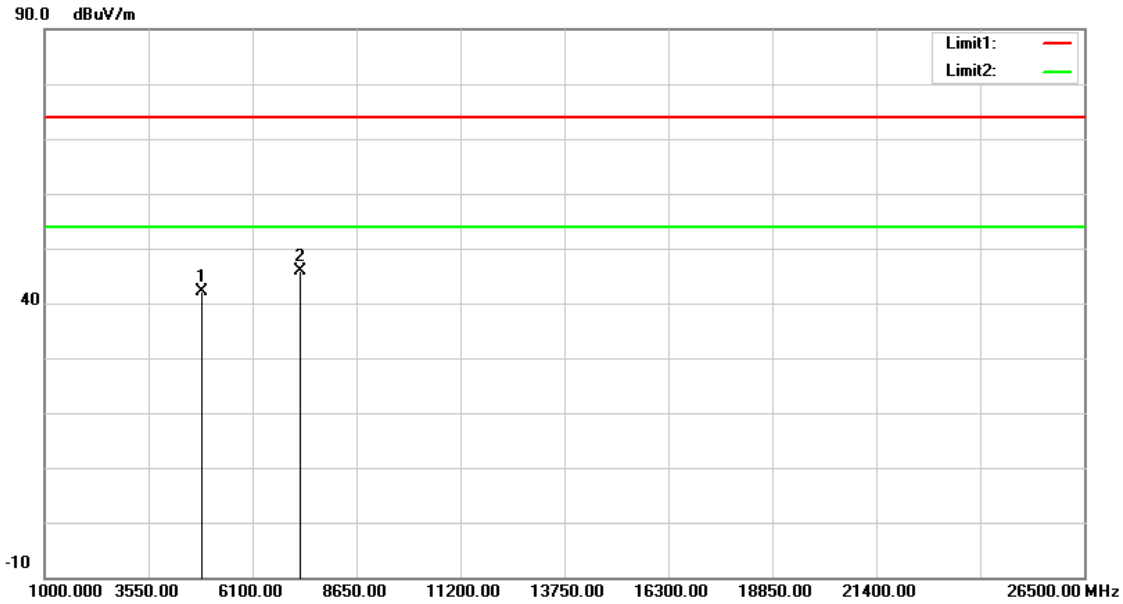

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4844.000 | 35.70 | 5.42 | 41.12 | 74.00 | -32.88 | peak |
| 2 | 7266.000 | 33.99 | 11.98 | 45.97 | 74.00 | -28.03 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2422 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Vertical | | |



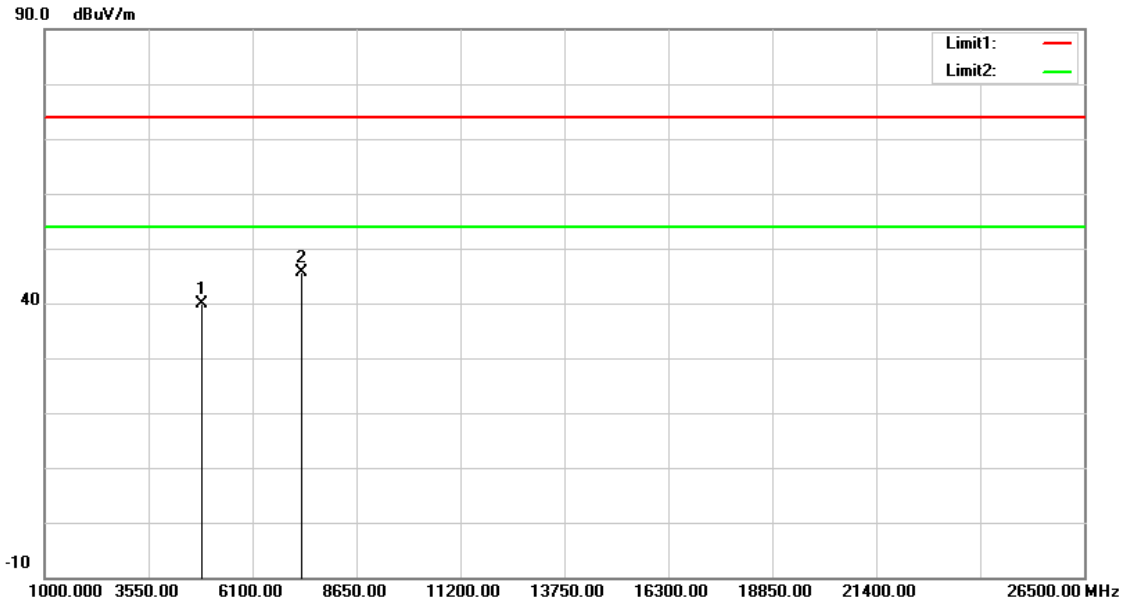

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4844.000 | 36.60 | 5.42 | 42.02 | 74.00 | -31.98 | peak |
| 2 | 7266.000 | 33.81 | 11.98 | 45.79 | 74.00 | -28.21 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2437 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Horizontal | | |



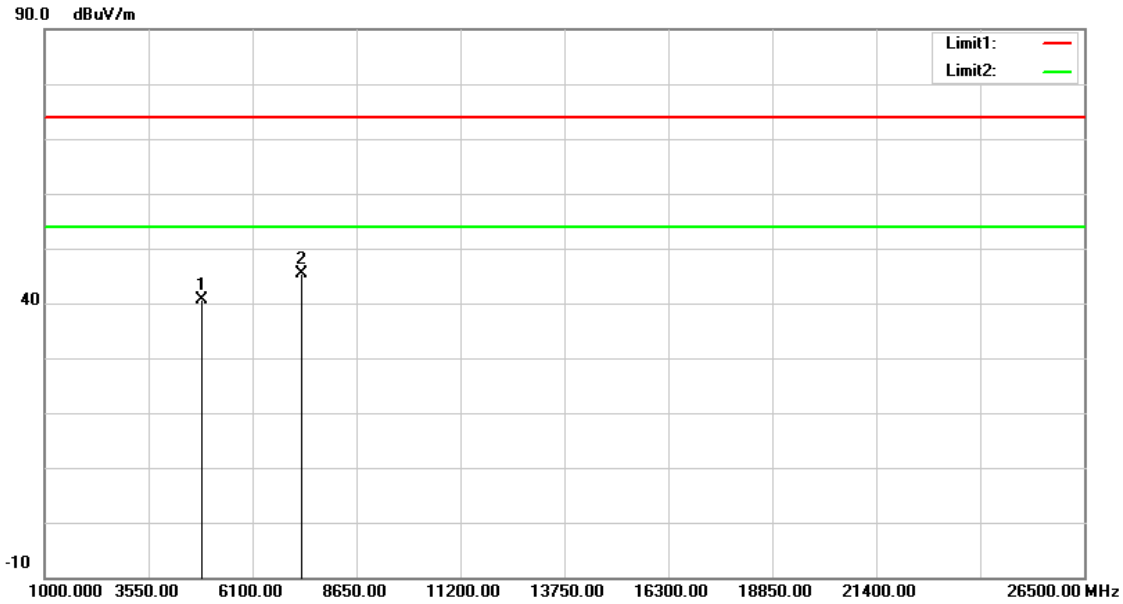

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4874.000 | 34.33 | 5.47 | 39.80 | 74.00 | -34.20 | peak |
| 2 | 7311.000 | 33.39 | 12.13 | 45.52 | 74.00 | -28.48 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2437 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Vertical | | |



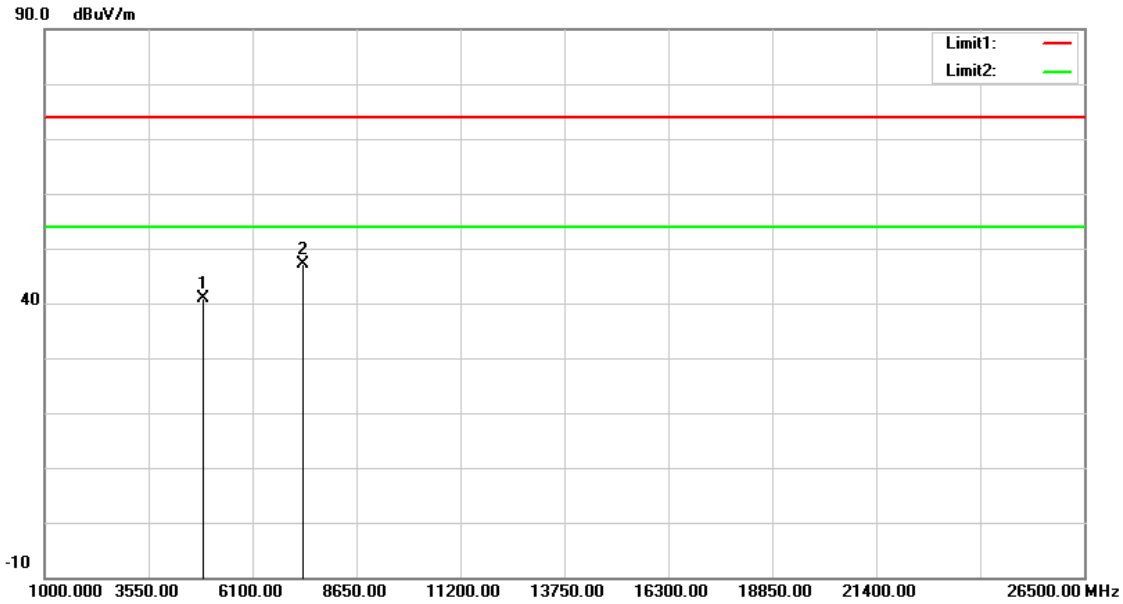

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4874.000 | 35.19 | 5.47 | 40.66 | 74.00 | -33.34 | peak |
| 2 | 7311.000 | 33.31 | 12.13 | 45.44 | 74.00 | -28.56 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2452 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Horizontal | | |



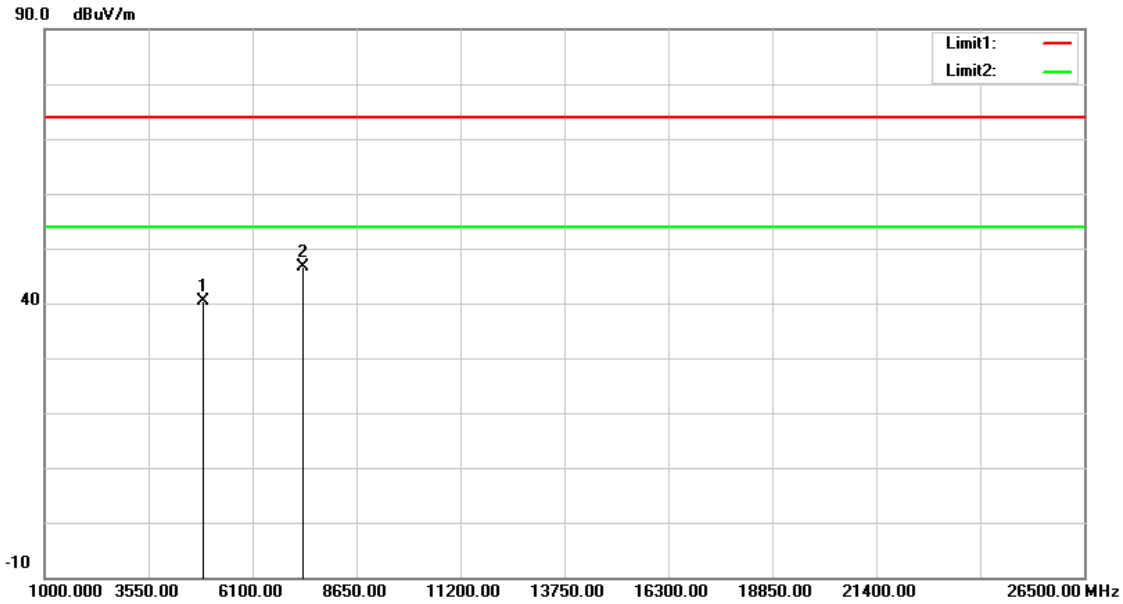

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4904.000 | 35.37 | 5.54 | 40.91 | 74.00 | -33.09 | peak |
| 2 | 7356.000 | 34.90 | 12.25 | 47.15 | 74.00 | -26.85 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2452 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Vertical | | |



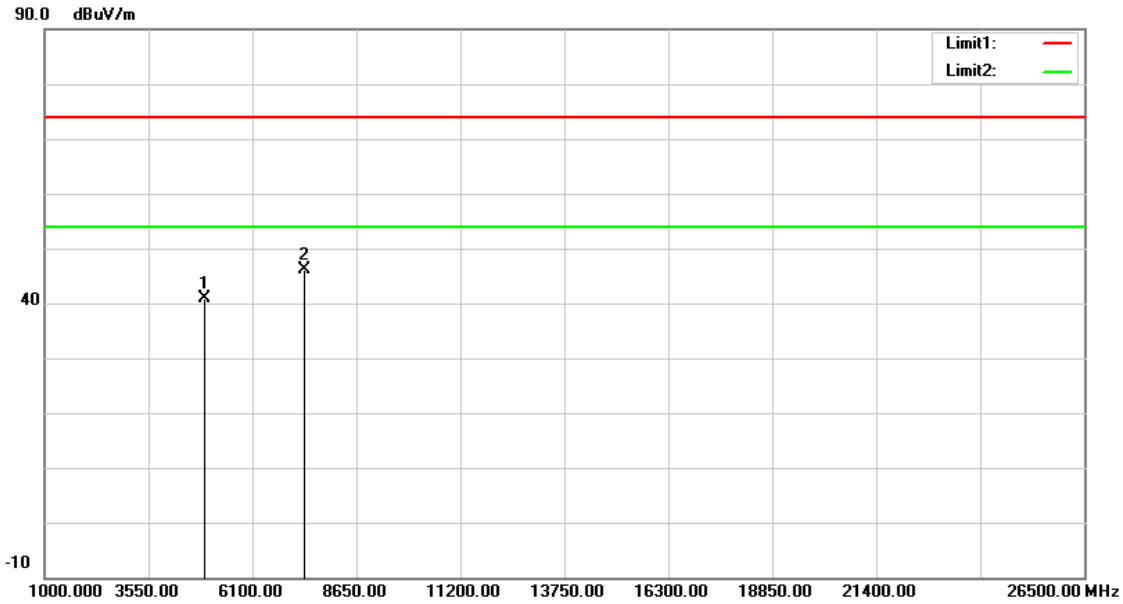

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4904.000 | 34.95 | 5.54 | 40.49 | 74.00 | -33.51 | peak |
| 2 | 7356.000 | 34.45 | 12.25 | 46.70 | 74.00 | -27.30 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2457 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Horizontal | | |



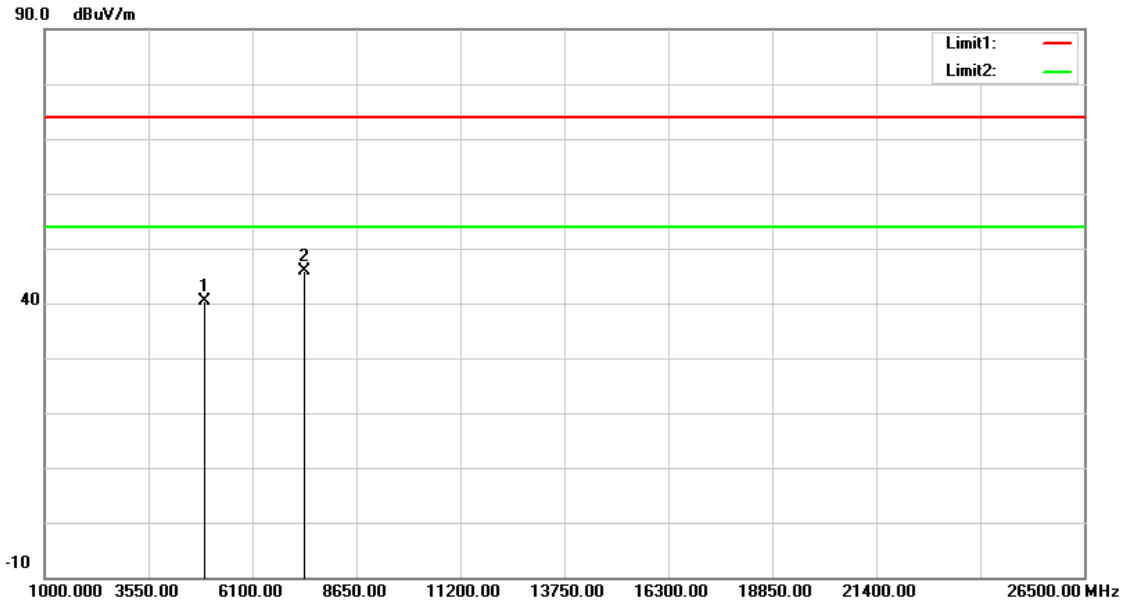

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4914.000 | 35.29 | 5.56 | 40.85 | 74.00 | -33.15 | peak |
| 2 | 7371.000 | 33.76 | 12.31 | 46.07 | 74.00 | -27.93 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2457 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Vertical | | |



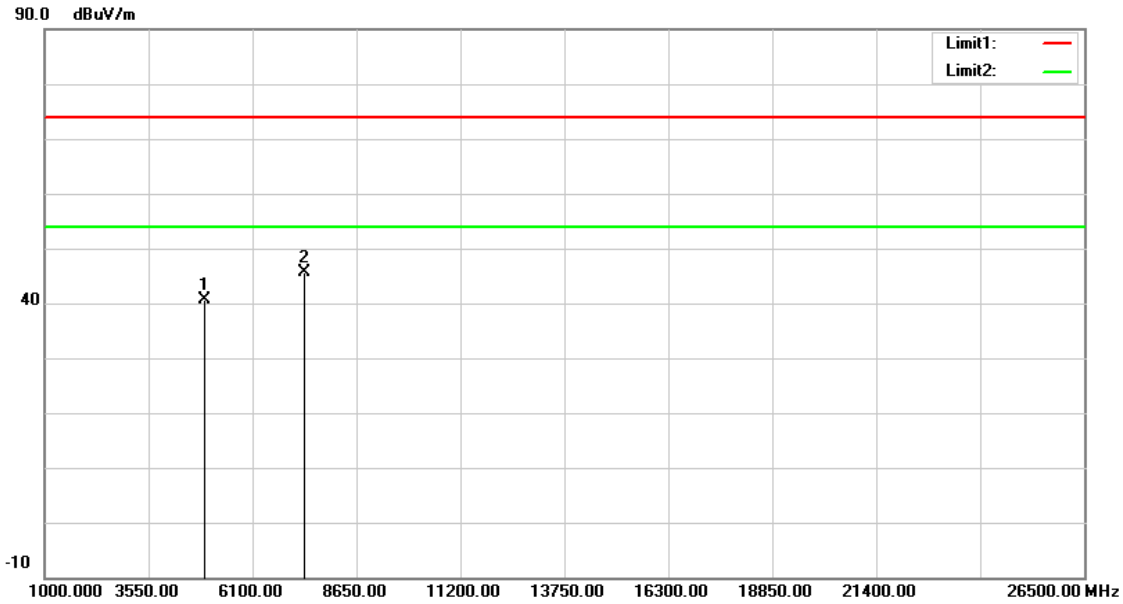

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4914.000 | 34.92 | 5.56 | 40.48 | 74.00 | -33.52 | peak |
| 2 | 7371.000 | 33.48 | 12.31 | 45.79 | 74.00 | -28.21 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Horizontal | | |



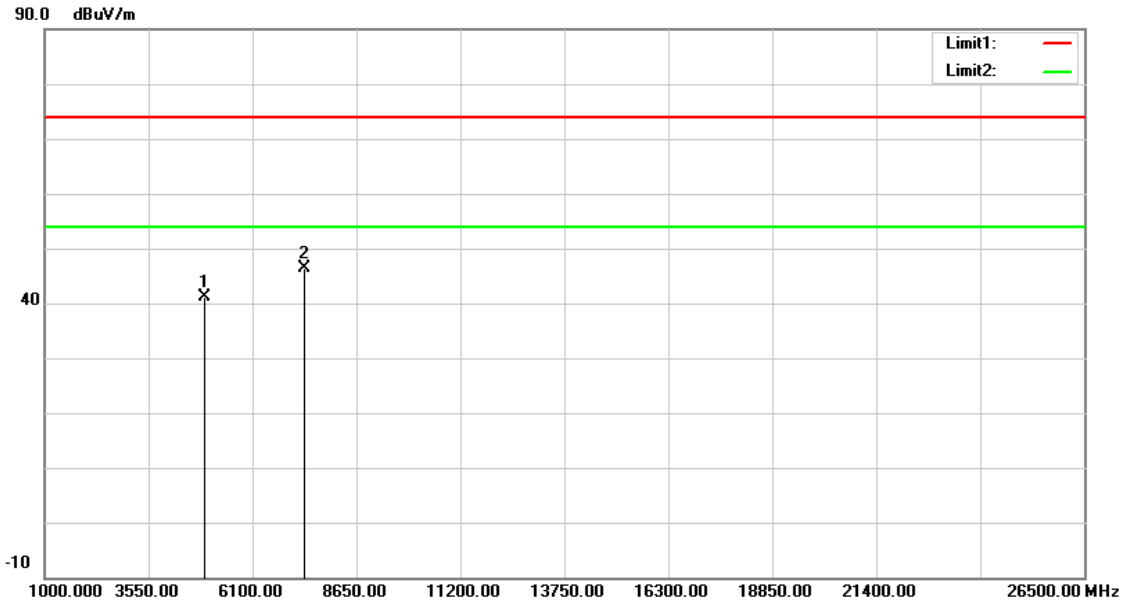

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4924.000 | 35.08 | 5.58 | 40.66 | 74.00 | -33.34 | peak |
| 2 | 7386.000 | 33.26 | 12.36 | 45.62 | 74.00 | -28.38 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Harmonic | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Vertical | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 4924.000 | 35.65 | 5.58 | 41.23 | 74.00 | -32.77 | peak |
| 2 | 7386.000 | 33.90 | 12.36 | 46.26 | 74.00 | -27.74 | peak |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

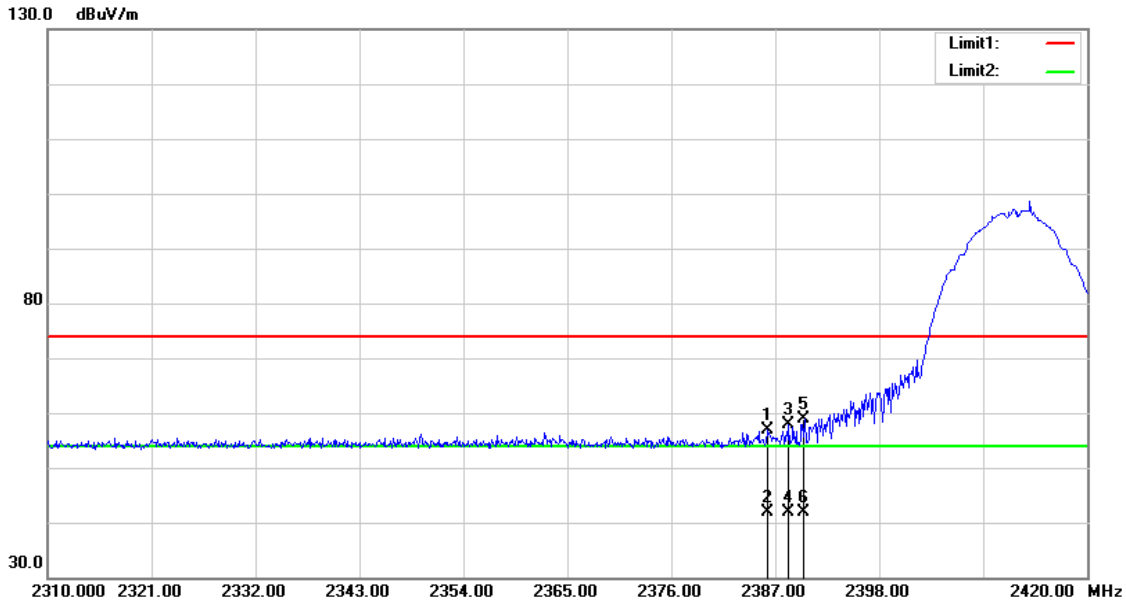
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

## Band Edge

| SISO A |
|---|

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



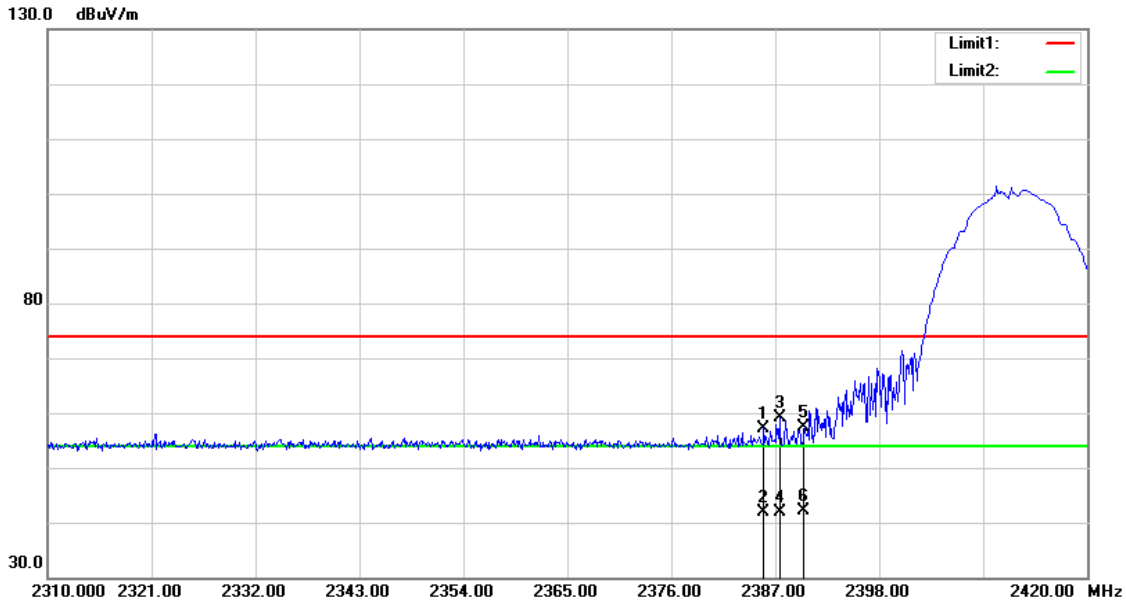

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2386.230 | 57.97 | -1.18 | 56.79 | 74.00 | -17.21 | peak |
| 2 | 2386.230 | 42.95 | -1.18 | 41.77 | 54.00 | -12.23 | AVG |
| 3 | 2388.430 | 58.99 | -1.17 | 57.82 | 74.00 | -16.18 | peak |
| 4 | 2388.430 | 43.02 | -1.17 | 41.85 | 54.00 | -12.15 | AVG |
| 5 | 2390.000 | 60.11 | -1.17 | 58.94 | 74.00 | -15.06 | peak |
| 6 | 2390.000 | 43.17 | -1.17 | 42.00 | 54.00 | -12.00 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



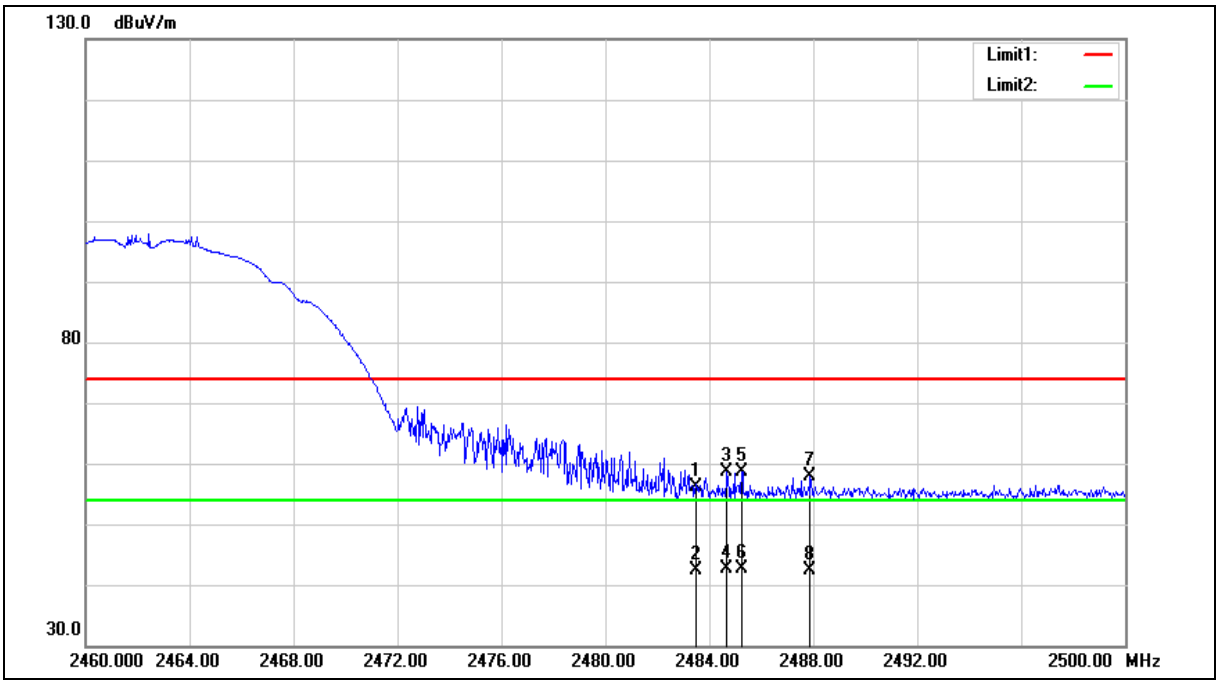

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2385.790 | 58.43 | -1.18 | 57.25 | 74.00 | -16.75 | peak |
| 2 | 2385.790 | 43.04 | -1.18 | 41.86 | 54.00 | -12.14 | AVG |
| 3 | 2387.440 | 60.21 | -1.17 | 59.04 | 74.00 | -14.96 | peak |
| 4 | 2387.440 | 43.12 | -1.17 | 41.95 | 54.00 | -12.05 | AVG |
| 5 | 2390.000 | 58.59 | -1.17 | 57.42 | 74.00 | -16.58 | peak |
| 6 | 2390.000 | 43.22 | -1.17 | 42.05 | 54.00 | -11.95 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |

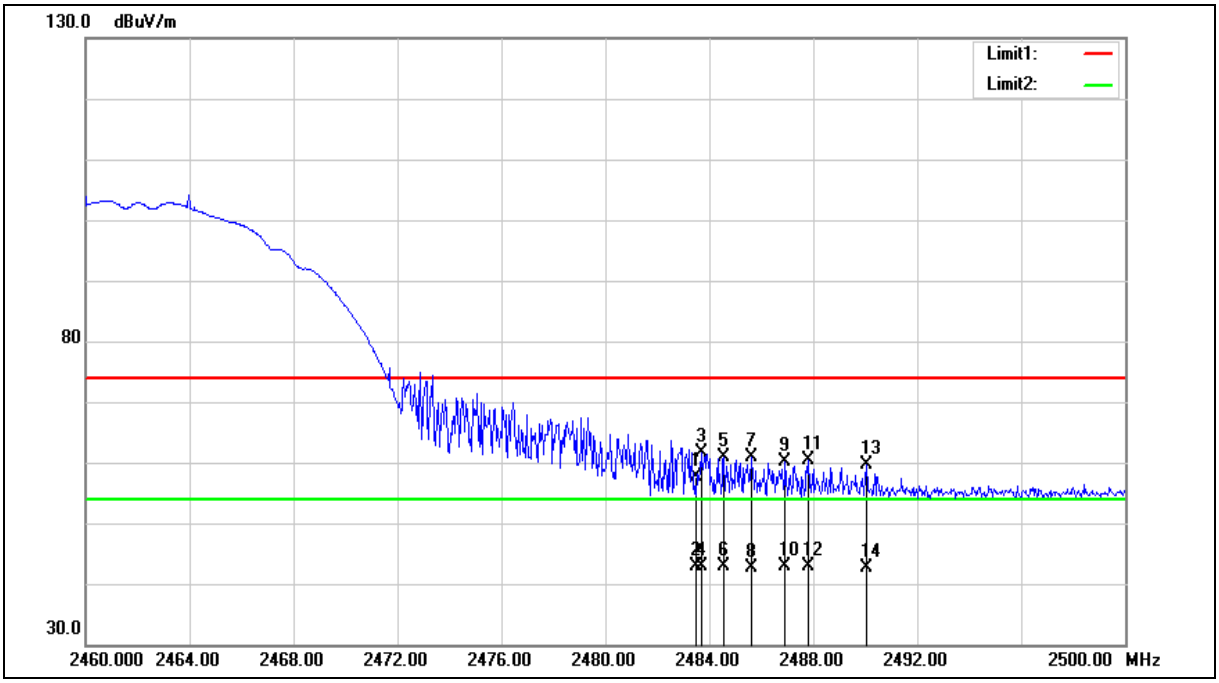
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 56.96 | -0.82 | 56.14 | 74.00 | -17.86 | peak |
| 2 | 2483.500 | 43.13 | -0.82 | 42.31 | 54.00 | -11.69 | AVG |
| 3 | 2484.680 | 59.39 | -0.82 | 58.57 | 74.00 | -15.43 | peak |
| 4 | 2484.680 | 43.43 | -0.82 | 42.61 | 54.00 | -11.39 | AVG |
| 5 | 2485.240 | 59.56 | -0.82 | 58.74 | 74.00 | -15.26 | peak |
| 6 | 2485.240 | 43.35 | -0.82 | 42.53 | 54.00 | -11.47 | AVG |
| 7 | 2487.880 | 58.60 | -0.80 | 57.80 | 74.00 | -16.20 | peak |
| 8 | 2487.880 | 43.27 | -0.80 | 42.47 | 54.00 | -11.53 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |

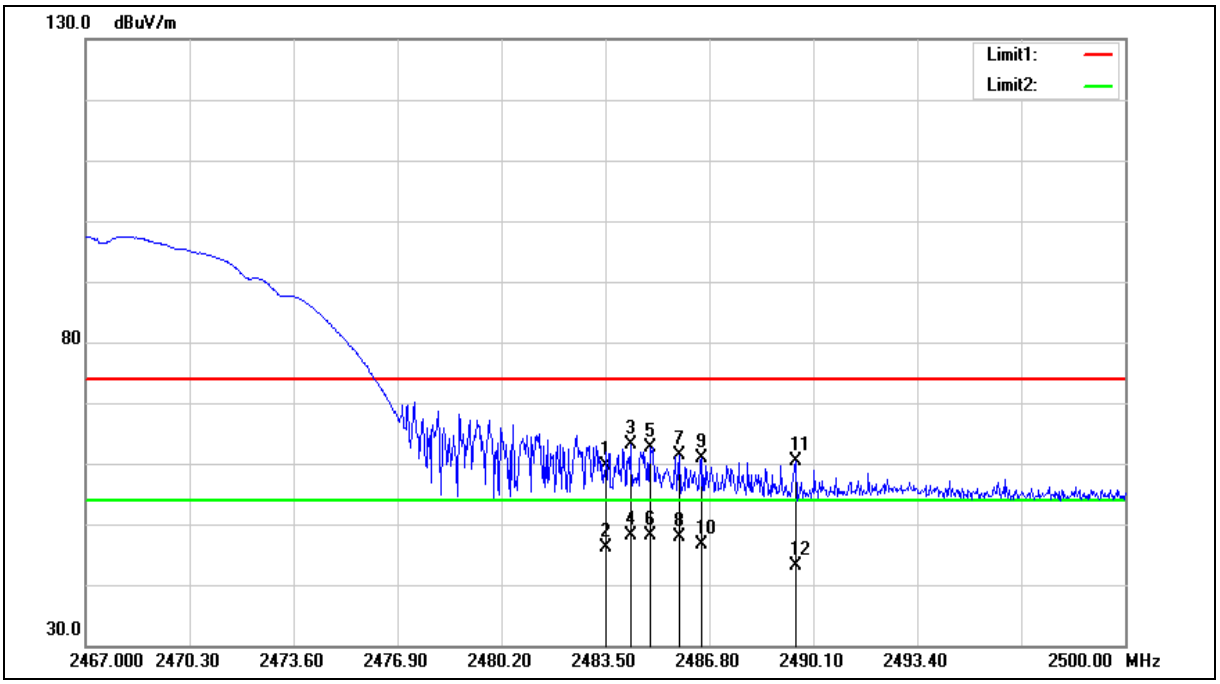
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 58.52 | -0.82 | 57.70 | 74.00 | -16.30 | peak |
| 2 | 2483.500 | 43.58 | -0.82 | 42.76 | 54.00 | -11.24 | AVG |
| 3 | 2483.680 | 62.44 | -0.82 | 61.62 | 74.00 | -12.38 | peak |
| 4 | 2483.680 | 43.79 | -0.82 | 42.97 | 54.00 | -11.03 | AVG |
| 5 | 2484.560 | 61.76 | -0.82 | 60.94 | 74.00 | -13.06 | peak |
| 6 | 2484.560 | 43.70 | -0.82 | 42.88 | 54.00 | -11.12 | AVG |
| 7 | 2485.600 | 61.81 | -0.82 | 60.99 | 74.00 | -13.01 | peak |
| 8 | 2485.600 | 43.57 | -0.82 | 42.75 | 54.00 | -11.25 | AVG |
| 9 | 2486.920 | 60.92 | -0.81 | 60.11 | 74.00 | -13.89 | peak |
| 10 | 2486.920 | 43.67 | -0.81 | 42.86 | 54.00 | -11.14 | AVG |
| 11 | 2487.800 | 61.25 | -0.80 | 60.45 | 74.00 | -13.55 | peak |
| 12 | 2487.800 | 43.68 | -0.80 | 42.88 | 54.00 | -11.12 | AVG |
| 13 | 2490.040 | 60.42 | -0.80 | 59.62 | 74.00 | -14.38 | peak |
| 14 | 2490.040 | 43.45 | -0.80 | 42.65 | 54.00 | -11.35 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |

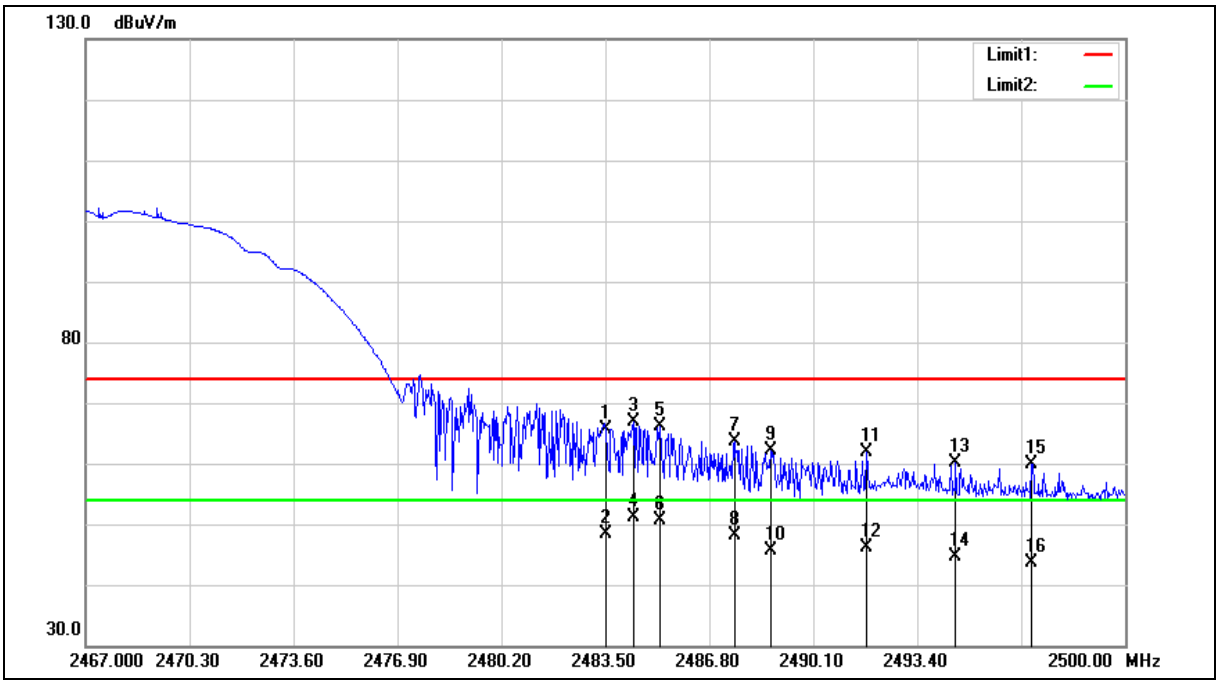
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 60.42 | -0.82 | 59.60 | 74.00 | -14.40 | peak |
| 2 | 2483.500 | 46.87 | -0.82 | 46.05 | 54.00 | -7.95 | AVG |
| 3 | 2484.292 | 64.02 | -0.82 | 63.20 | 74.00 | -10.80 | peak |
| 4 | 2484.292 | 48.85 | -0.82 | 48.03 | 54.00 | -5.97 | AVG |
| 5 | 2484.919 | 63.37 | -0.82 | 62.55 | 74.00 | -11.45 | peak |
| 6 | 2484.919 | 48.87 | -0.82 | 48.05 | 54.00 | -5.95 | AVG |
| 7 | 2485.843 | 62.20 | -0.82 | 61.38 | 74.00 | -12.62 | peak |
| 8 | 2485.843 | 48.76 | -0.82 | 47.94 | 54.00 | -6.06 | AVG |
| 9 | 2486.569 | 61.77 | -0.81 | 60.96 | 74.00 | -13.04 | peak |
| 10 | 2486.569 | 47.42 | -0.81 | 46.61 | 54.00 | -7.39 | AVG |
| 11 | 2489.539 | 61.20 | -0.80 | 60.40 | 74.00 | -13.60 | peak |
| 12 | 2489.539 | 43.89 | -0.80 | 43.09 | 54.00 | -10.91 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |

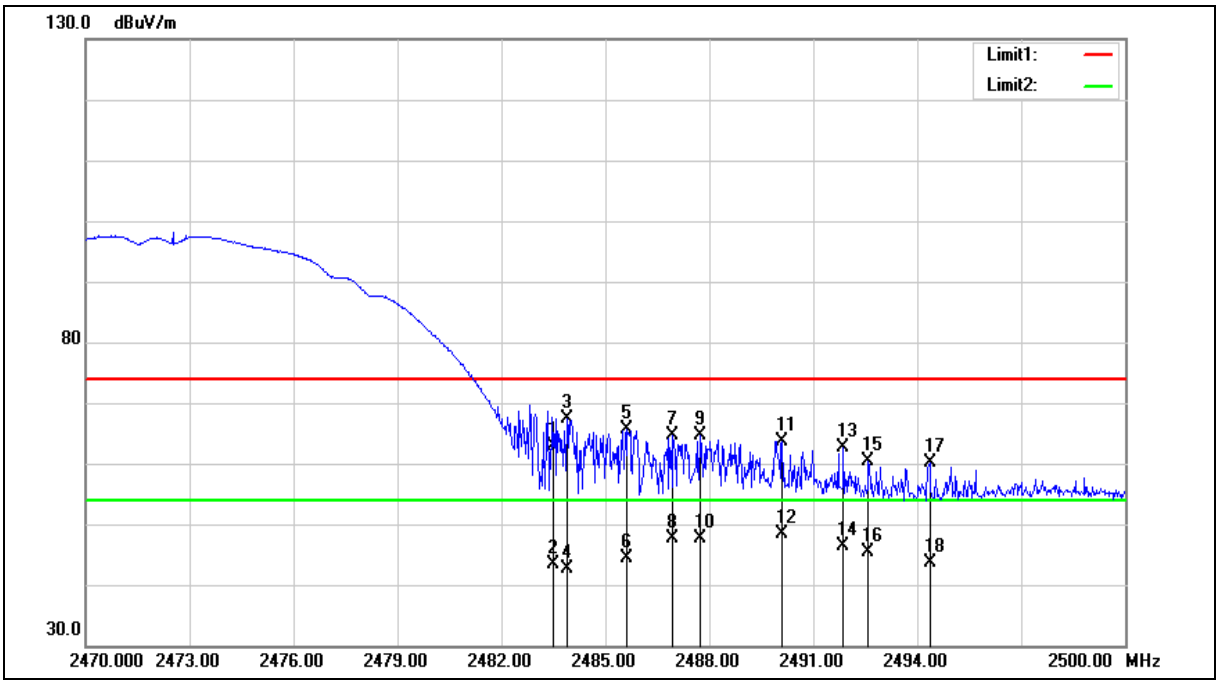
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 66.38 | -0.82 | 65.56 | 74.00 | -8.44 | peak |
| 2 | 2483.500 | 49.20 | -0.82 | 48.38 | 54.00 | -5.62 | AVG |
| 3 | 2484.391 | 67.59 | -0.82 | 66.77 | 74.00 | -7.23 | peak |
| 4 | 2484.391 | 51.95 | -0.82 | 51.13 | 54.00 | -2.87 | AVG |
| 5 | 2485.249 | 66.90 | -0.82 | 66.08 | 74.00 | -7.92 | peak |
| 6 | 2485.249 | 51.45 | -0.82 | 50.63 | 54.00 | -3.37 | AVG |
| 7 | 2487.592 | 64.32 | -0.80 | 63.52 | 74.00 | -10.48 | peak |
| 8 | 2487.592 | 48.86 | -0.80 | 48.06 | 54.00 | -5.94 | AVG |
| 9 | 2488.747 | 62.98 | -0.80 | 62.18 | 74.00 | -11.82 | peak |
| 10 | 2488.747 | 46.39 | -0.80 | 45.59 | 54.00 | -8.41 | AVG |
| 11 | 2491.783 | 62.67 | -0.79 | 61.88 | 74.00 | -12.12 | peak |
| 12 | 2491.783 | 46.86 | -0.79 | 46.07 | 54.00 | -7.93 | AVG |
| 13 | 2494.621 | 60.99 | -0.78 | 60.21 | 74.00 | -13.79 | peak |
| 14 | 2494.621 | 45.32 | -0.78 | 44.54 | 54.00 | -9.46 | AVG |
| 15 | 2497.030 | 60.60 | -0.77 | 59.83 | 74.00 | -14.17 | peak |
| 16 | 2497.030 | 44.28 | -0.77 | 43.51 | 54.00 | -10.49 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |

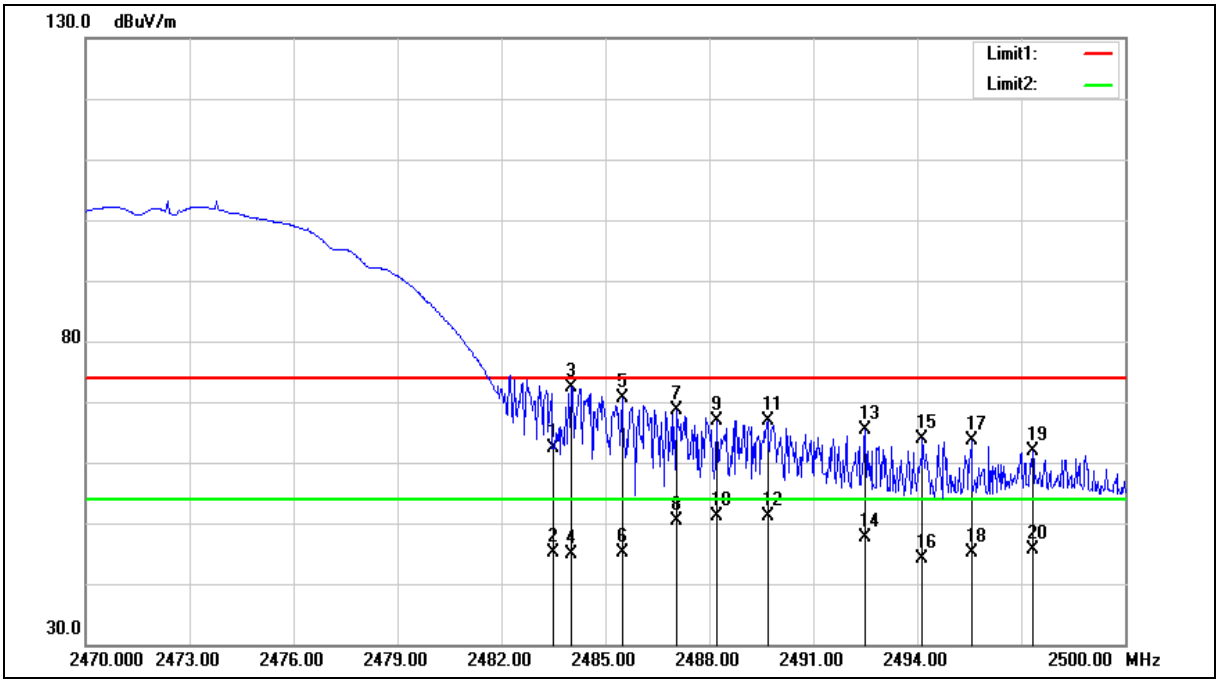
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 63.72 | -0.82 | 62.90 | 74.00 | -11.10 | peak |
| 2 | 2483.500 | 44.30 | -0.82 | 43.48 | 54.00 | -10.52 | AVG |
| 3 | 2483.890 | 68.15 | -0.82 | 67.33 | 74.00 | -6.67 | peak |
| 4 | 2483.890 | 43.50 | -0.82 | 42.68 | 54.00 | -11.32 | AVG |
| 5 | 2485.630 | 66.49 | -0.82 | 65.67 | 74.00 | -8.33 | peak |
| 6 | 2485.630 | 45.30 | -0.82 | 44.48 | 54.00 | -9.52 | AVG |
| 7 | 2486.950 | 65.37 | -0.81 | 64.56 | 74.00 | -9.44 | peak |
| 8 | 2486.950 | 48.43 | -0.81 | 47.62 | 54.00 | -6.38 | AVG |
| 9 | 2487.730 | 65.37 | -0.80 | 64.57 | 74.00 | -9.43 | peak |
| 10 | 2487.730 | 48.45 | -0.80 | 47.65 | 54.00 | -6.35 | AVG |
| 11 | 2490.100 | 64.50 | -0.80 | 63.70 | 74.00 | -10.30 | peak |
| 12 | 2490.100 | 49.22 | -0.80 | 48.42 | 54.00 | -5.58 | AVG |
| 13 | 2491.870 | 63.42 | -0.79 | 62.63 | 74.00 | -11.37 | peak |
| 14 | 2491.870 | 47.17 | -0.79 | 46.38 | 54.00 | -7.62 | AVG |
| 15 | 2492.590 | 61.13 | -0.79 | 60.34 | 74.00 | -13.66 | peak |
| 16 | 2492.590 | 46.12 | -0.79 | 45.33 | 54.00 | -8.67 | AVG |
| 17 | 2494.360 | 60.95 | -0.78 | 60.17 | 74.00 | -13.83 | peak |
| 18 | 2494.360 | 44.45 | -0.78 | 43.67 | 54.00 | -10.33 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |

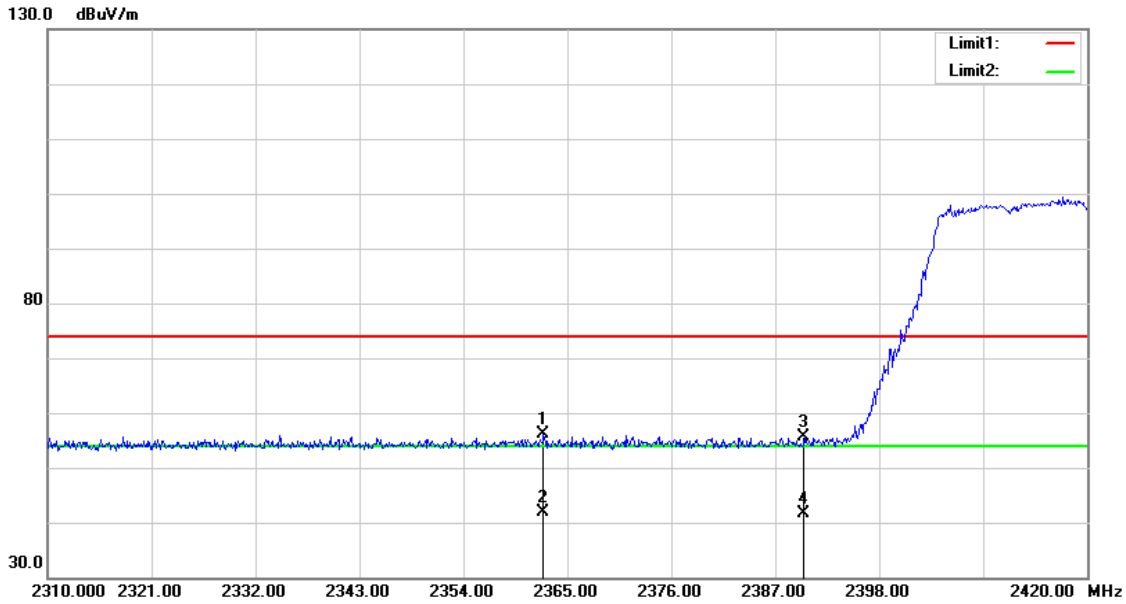
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 63.08 | -0.82 | 62.26 | 74.00 | -11.74 | peak |
| 2 | 2483.500 | 45.83 | -0.82 | 45.01 | 54.00 | -8.99 | AVG |
| 3 | 2484.010 | 73.19 | -0.82 | 72.37 | 74.00 | -1.63 | peak |
| 4 | 2484.010 | 45.70 | -0.82 | 44.88 | 54.00 | -9.12 | AVG |
| 5 | 2485.480 | 71.42 | -0.82 | 70.60 | 74.00 | -3.40 | peak |
| 6 | 2485.480 | 45.92 | -0.82 | 45.10 | 54.00 | -8.90 | AVG |
| 7 | 2487.070 | 69.53 | -0.81 | 68.72 | 74.00 | -5.28 | peak |
| 8 | 2487.070 | 51.21 | -0.81 | 50.40 | 54.00 | -3.60 | AVG |
| 9 | 2488.210 | 67.76 | -0.80 | 66.96 | 74.00 | -7.04 | peak |
| 10 | 2488.210 | 51.99 | -0.80 | 51.19 | 54.00 | -2.81 | AVG |
| 11 | 2489.680 | 67.70 | -0.80 | 66.90 | 74.00 | -7.10 | peak |
| 12 | 2489.680 | 52.01 | -0.80 | 51.21 | 54.00 | -2.79 | AVG |
| 13 | 2492.500 | 66.05 | -0.79 | 65.26 | 74.00 | -8.74 | peak |
| 14 | 2492.500 | 48.52 | -0.79 | 47.73 | 54.00 | -6.27 | AVG |
| 15 | 2494.150 | 64.67 | -0.79 | 63.88 | 74.00 | -10.12 | peak |
| 16 | 2494.150 | 45.01 | -0.79 | 44.22 | 54.00 | -9.78 | AVG |
| 17 | 2495.560 | 64.37 | -0.78 | 63.59 | 74.00 | -10.41 | peak |
| 18 | 2495.560 | 46.02 | -0.78 | 45.24 | 54.00 | -8.76 | AVG |
| 19 | 2497.330 | 62.74 | -0.77 | 61.97 | 74.00 | -12.03 | peak |
| 20 | 2497.330 | 46.34 | -0.77 | 45.57 | 54.00 | -8.43 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



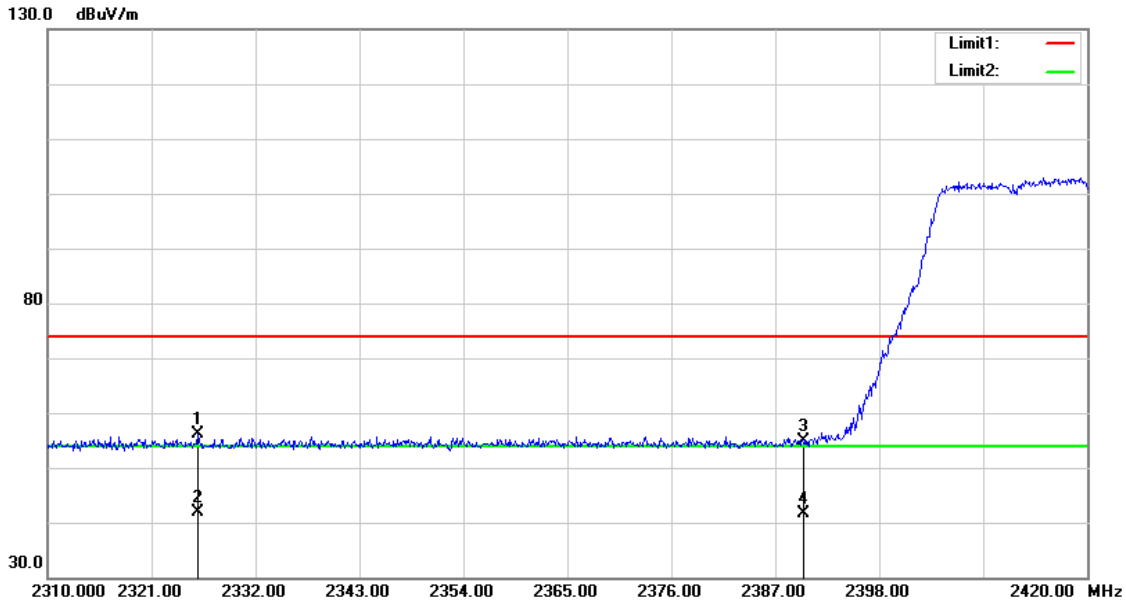

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2362.470 | 57.47 | -1.26 | 56.21 | 74.00 | -17.79 | peak |
| 2 | 2362.470 | 43.10 | -1.26 | 41.84 | 54.00 | -12.16 | AVG |
| 3 | 2390.000 | 56.69 | -1.17 | 55.52 | 74.00 | -18.48 | peak |
| 4 | 2390.000 | 42.83 | -1.17 | 41.66 | 54.00 | -12.34 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



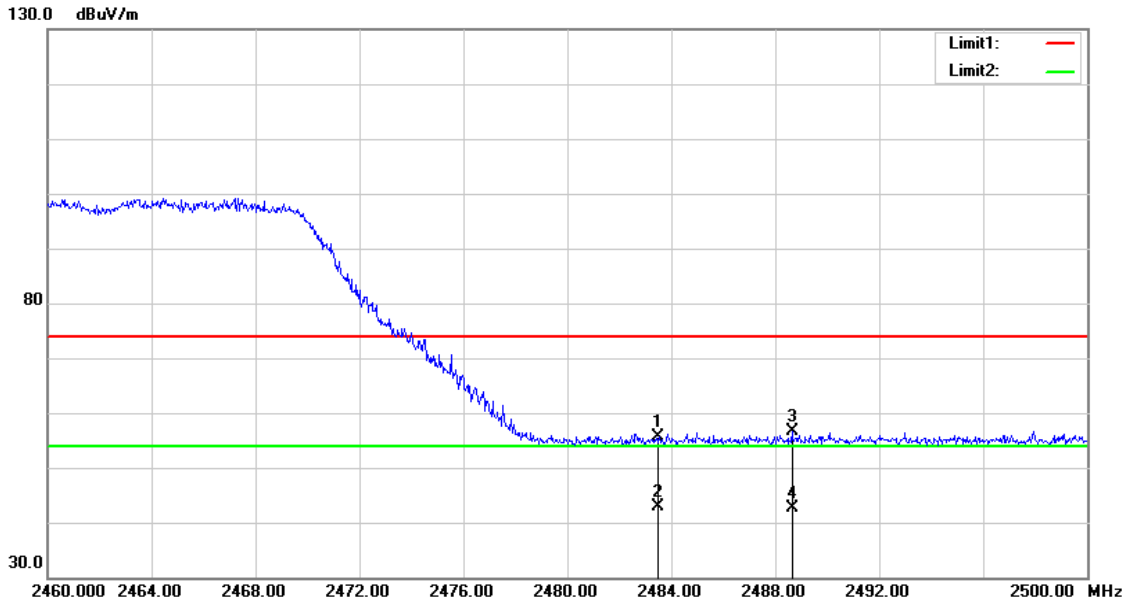

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2325.950 | 57.50 | -1.40 | 56.10 | 74.00 | -17.90 | peak |
| 2 | 2325.950 | 43.35 | -1.40 | 41.95 | 54.00 | -12.05 | AVG |
| 3 | 2390.000 | 56.06 | -1.17 | 54.89 | 74.00 | -19.11 | peak |
| 4 | 2390.000 | 42.88 | -1.17 | 41.71 | 54.00 | -12.29 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



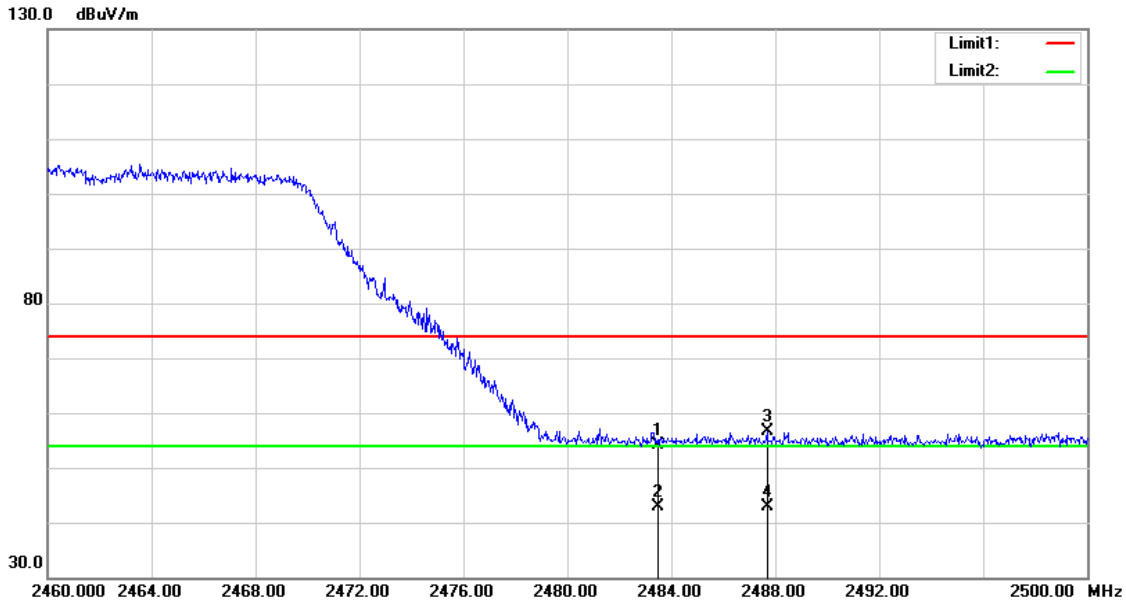

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 56.35 | -0.82 | 55.53 | 74.00 | -18.47 | peak |
| 2 | 2483.500 | 43.61 | -0.82 | 42.79 | 54.00 | -11.21 | AVG |
| 3 | 2488.640 | 57.42 | -0.80 | 56.62 | 74.00 | -17.38 | peak |
| 4 | 2488.640 | 43.45 | -0.80 | 42.65 | 54.00 | -11.35 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



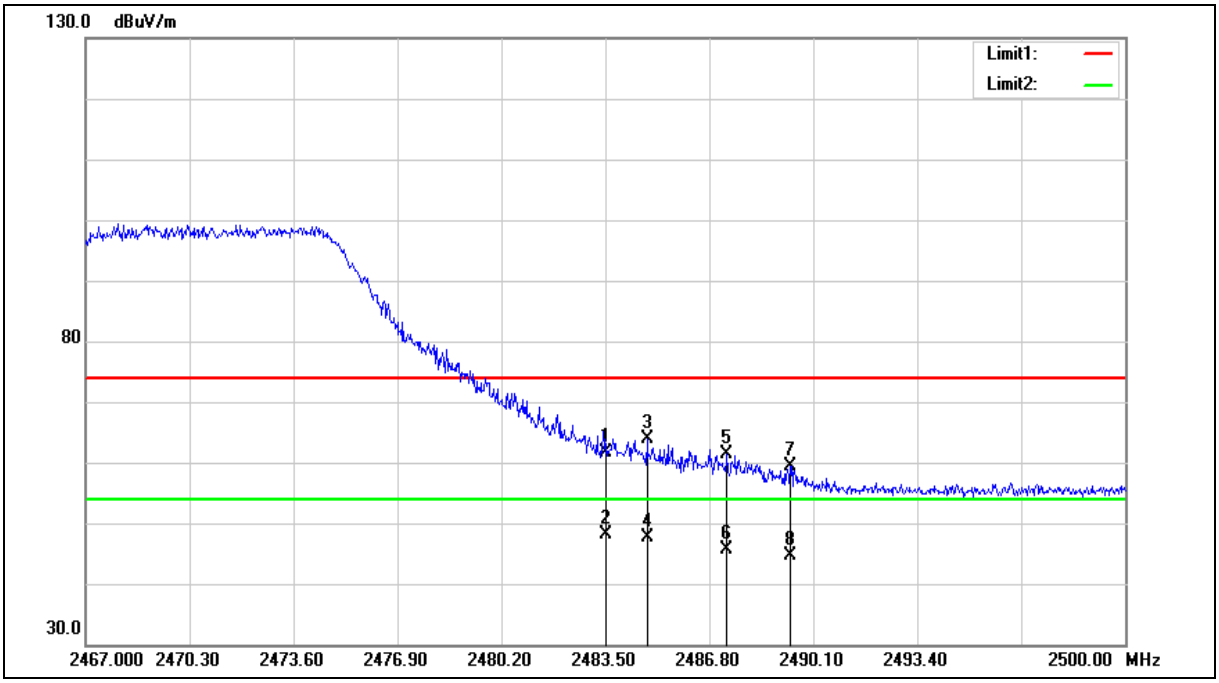

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 55.06 | -0.82 | 54.24 | 74.00 | -19.76 | peak |
| 2 | 2483.500 | 43.72 | -0.82 | 42.90 | 54.00 | -11.10 | AVG |
| 3 | 2487.680 | 57.31 | -0.80 | 56.51 | 74.00 | -17.49 | peak |
| 4 | 2487.680 | 43.68 | -0.80 | 42.88 | 54.00 | -11.12 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |

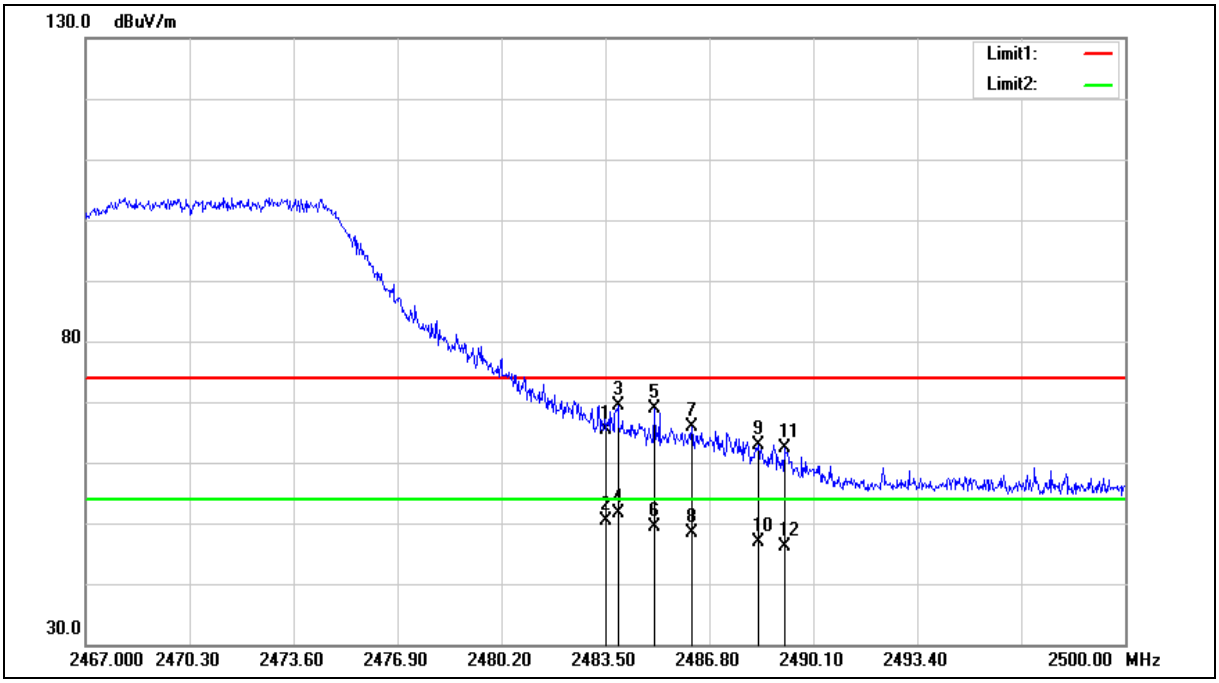
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 62.33 | -0.82 | 61.51 | 74.00 | -12.49 | peak |
| 2 | 2483.500 | 48.96 | -0.82 | 48.14 | 54.00 | -5.86 | AVG |
| 3 | 2484.820 | 64.68 | -0.82 | 63.86 | 74.00 | -10.14 | peak |
| 4 | 2484.820 | 48.42 | -0.82 | 47.60 | 54.00 | -6.40 | AVG |
| 5 | 2487.361 | 62.07 | -0.80 | 61.27 | 74.00 | -12.73 | peak |
| 6 | 2487.361 | 46.53 | -0.80 | 45.73 | 54.00 | -8.27 | AVG |
| 7 | 2489.374 | 60.09 | -0.80 | 59.29 | 74.00 | -14.71 | peak |
| 8 | 2489.374 | 45.47 | -0.80 | 44.67 | 54.00 | -9.33 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |

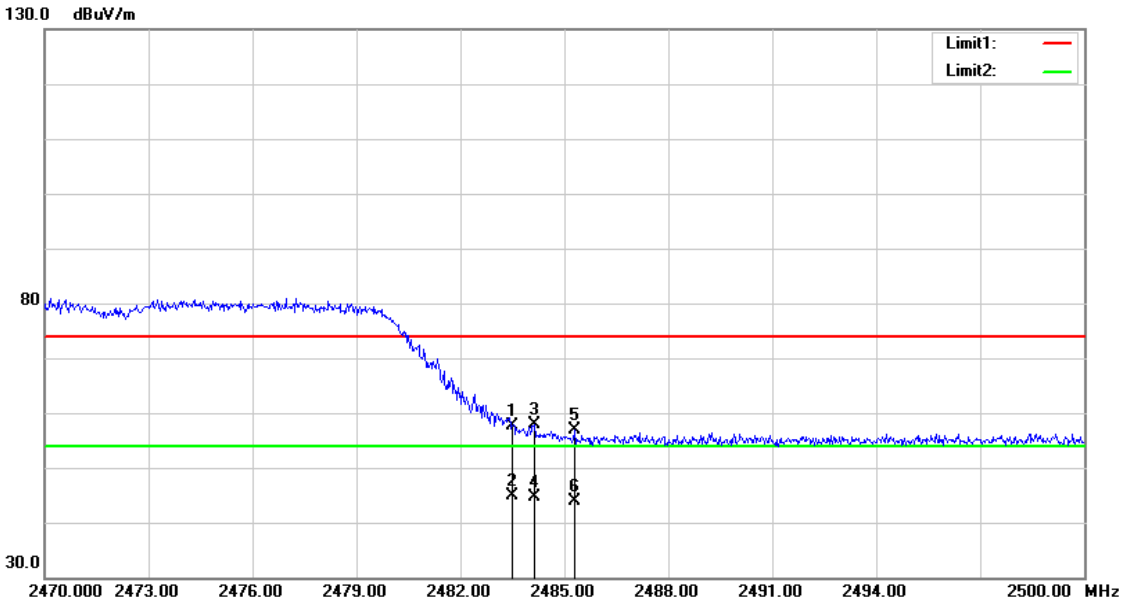
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 66.28 | -0.82 | 65.46 | 74.00 | -8.54 | peak |
| 2 | 2483.500 | 51.08 | -0.82 | 50.26 | 54.00 | -3.74 | AVG |
| 3 | 2483.896 | 70.11 | -0.82 | 69.29 | 74.00 | -4.71 | peak |
| 4 | 2483.896 | 52.47 | -0.82 | 51.65 | 54.00 | -2.35 | AVG |
| 5 | 2485.051 | 69.70 | -0.82 | 68.88 | 74.00 | -5.12 | peak |
| 6 | 2485.051 | 50.26 | -0.82 | 49.44 | 54.00 | -4.56 | AVG |
| 7 | 2486.239 | 66.69 | -0.82 | 65.87 | 74.00 | -8.13 | peak |
| 8 | 2486.239 | 49.14 | -0.82 | 48.32 | 54.00 | -5.68 | AVG |
| 9 | 2488.351 | 63.58 | -0.80 | 62.78 | 74.00 | -11.22 | peak |
| 10 | 2488.351 | 47.57 | -0.80 | 46.77 | 54.00 | -7.23 | AVG |
| 11 | 2489.176 | 63.29 | -0.80 | 62.49 | 74.00 | -11.51 | peak |
| 12 | 2489.176 | 46.99 | -0.80 | 46.19 | 54.00 | -7.81 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



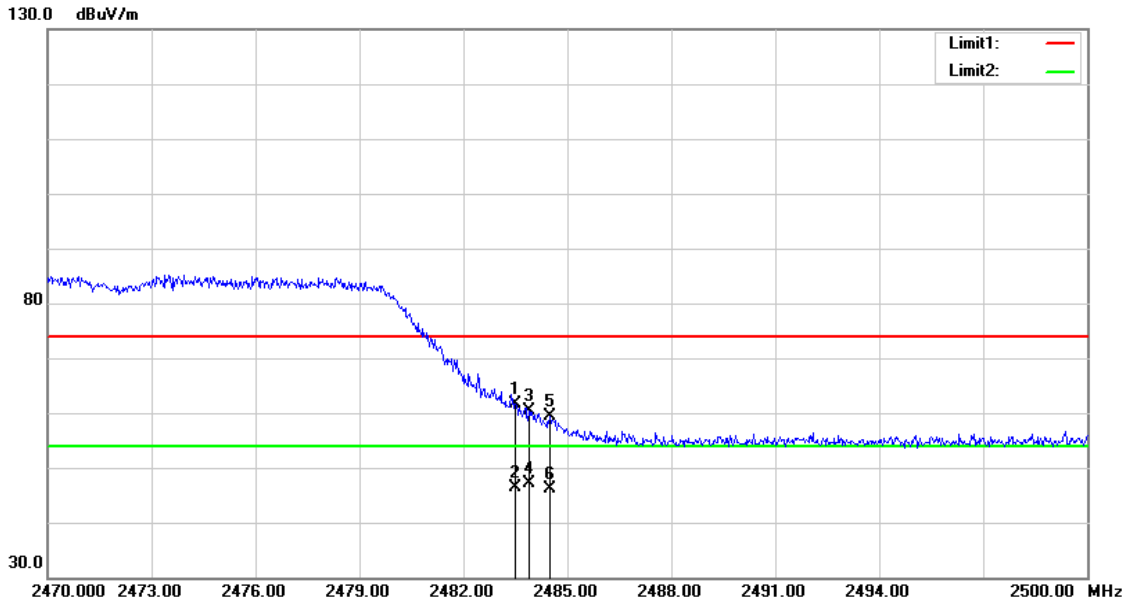

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 58.40 | -0.82 | 57.58 | 74.00 | -16.42 | peak |
| 2 | 2483.500 | 45.68 | -0.82 | 44.86 | 54.00 | -9.14 | AVG |
| 3 | 2484.130 | 58.65 | -0.82 | 57.83 | 74.00 | -16.17 | peak |
| 4 | 2484.130 | 45.52 | -0.82 | 44.70 | 54.00 | -9.30 | AVG |
| 5 | 2485.300 | 57.67 | -0.82 | 56.85 | 74.00 | -17.15 | peak |
| 6 | 2485.300 | 44.60 | -0.82 | 43.78 | 54.00 | -10.22 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 62.48 | -0.82 | 61.66 | 74.00 | -12.34 | peak |
| 2 | 2483.500 | 47.19 | -0.82 | 46.37 | 54.00 | -7.63 | AVG |
| 3 | 2483.890 | 61.21 | -0.82 | 60.39 | 74.00 | -13.61 | peak |
| 4 | 2483.890 | 47.98 | -0.82 | 47.16 | 54.00 | -6.84 | AVG |
| 5 | 2484.490 | 60.19 | -0.82 | 59.37 | 74.00 | -14.63 | peak |
| 6 | 2484.490 | 46.96 | -0.82 | 46.14 | 54.00 | -7.86 | AVG |

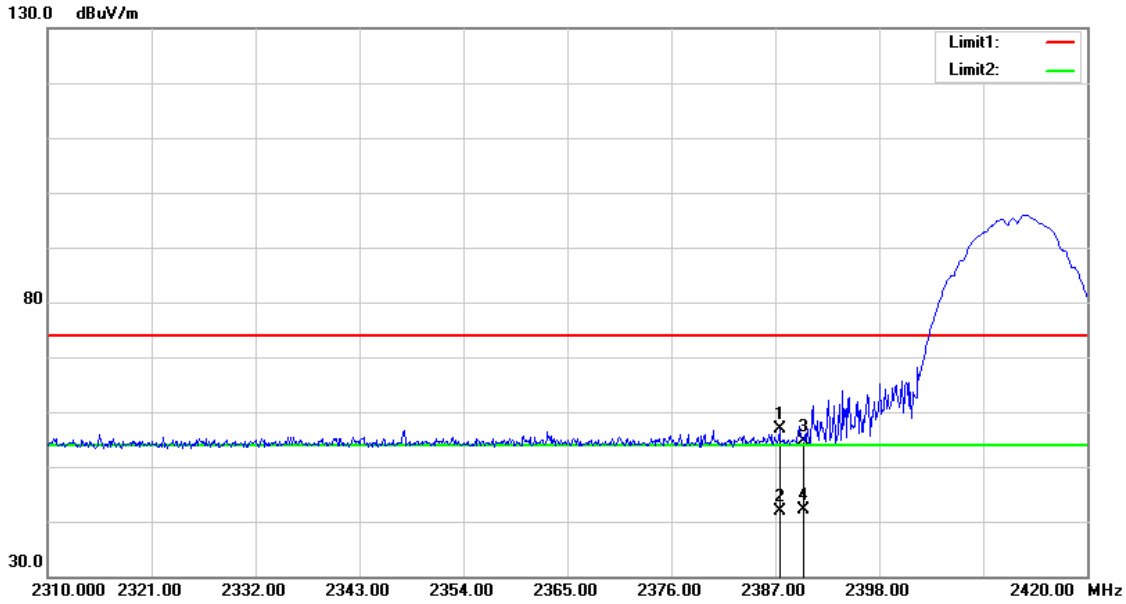
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

SISO B

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



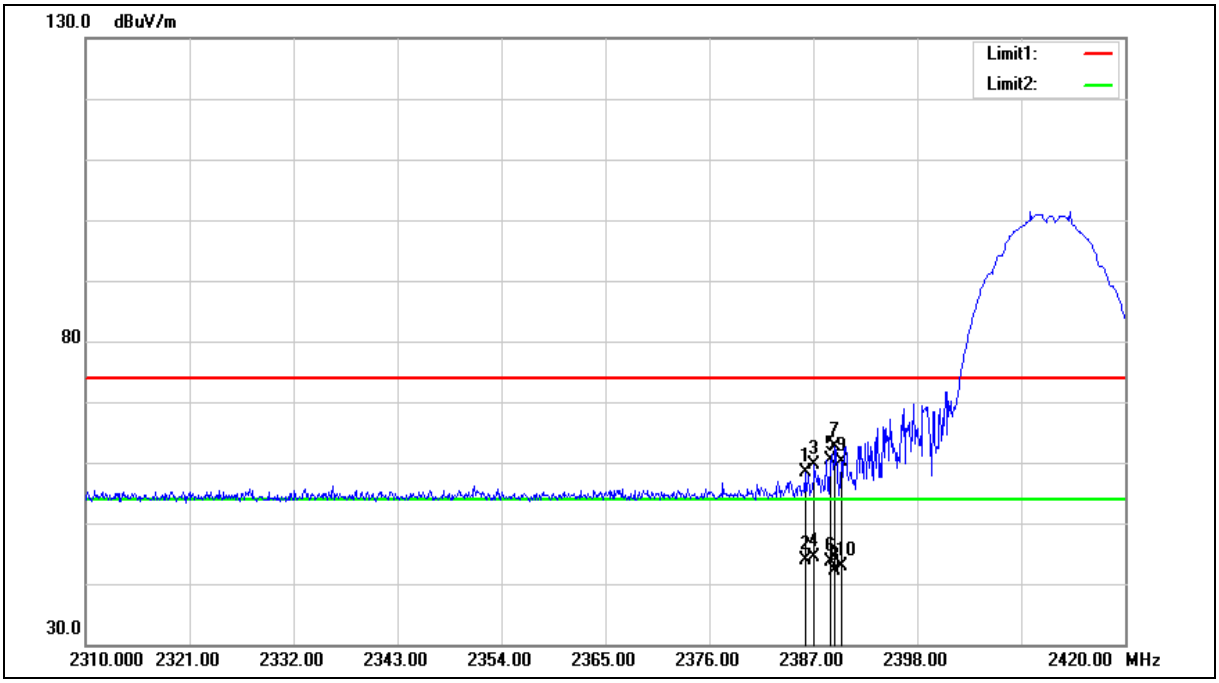

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2387.440 | 57.94 | -1.17 | 56.77 | 74.00 | -17.23 | peak |
| 2 | 2387.440 | 43.07 | -1.17 | 41.90 | 54.00 | -12.10 | AVG |
| 3 | 2390.000 | 55.91 | -1.17 | 54.74 | 74.00 | -19.26 | peak |
| 4 | 2390.000 | 43.30 | -1.17 | 42.13 | 54.00 | -11.87 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |

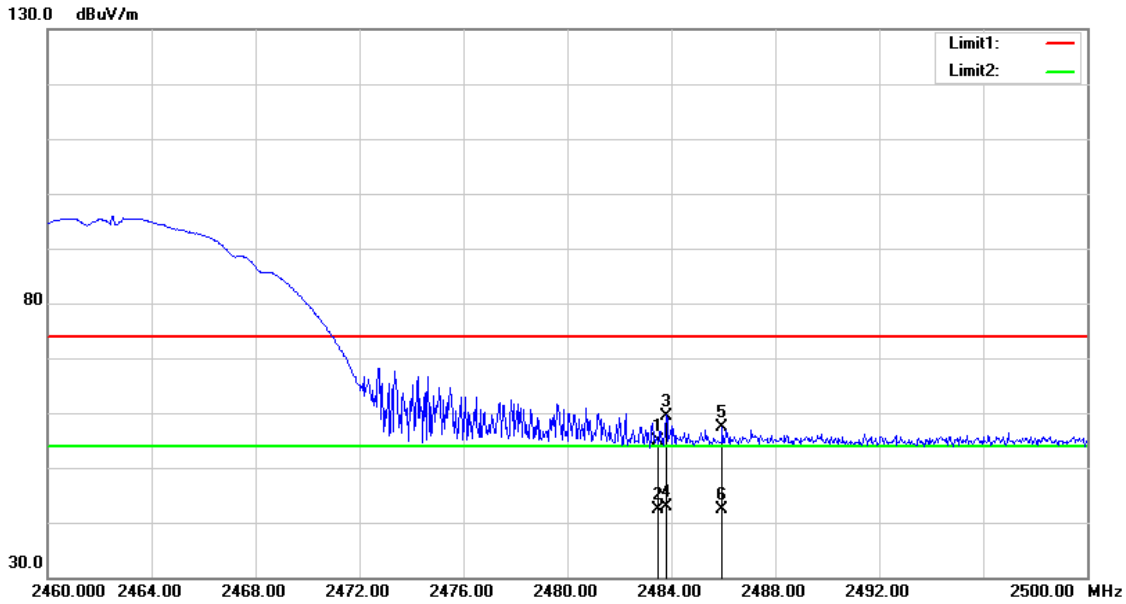
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2386.120 | 59.47 | -1.18 | 58.29 | 74.00 | -15.71 | peak |
| 2 | 2386.120 | 45.01 | -1.18 | 43.83 | 54.00 | -10.17 | AVG |
| 3 | 2387.110 | 60.69 | -1.17 | 59.52 | 74.00 | -14.48 | peak |
| 4 | 2387.110 | 45.67 | -1.17 | 44.50 | 54.00 | -9.50 | AVG |
| 5 | 2388.760 | 61.55 | -1.17 | 60.38 | 74.00 | -13.62 | peak |
| 6 | 2388.760 | 44.71 | -1.17 | 43.54 | 54.00 | -10.46 | AVG |
| 7 | 2389.310 | 63.88 | -1.17 | 62.71 | 74.00 | -11.29 | peak |
| 8 | 2389.310 | 43.27 | -1.17 | 42.10 | 54.00 | -11.90 | AVG |
| 9 | 2390.000 | 61.19 | -1.17 | 60.02 | 74.00 | -13.98 | peak |
| 10 | 2390.000 | 44.12 | -1.17 | 42.95 | 54.00 | -11.05 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



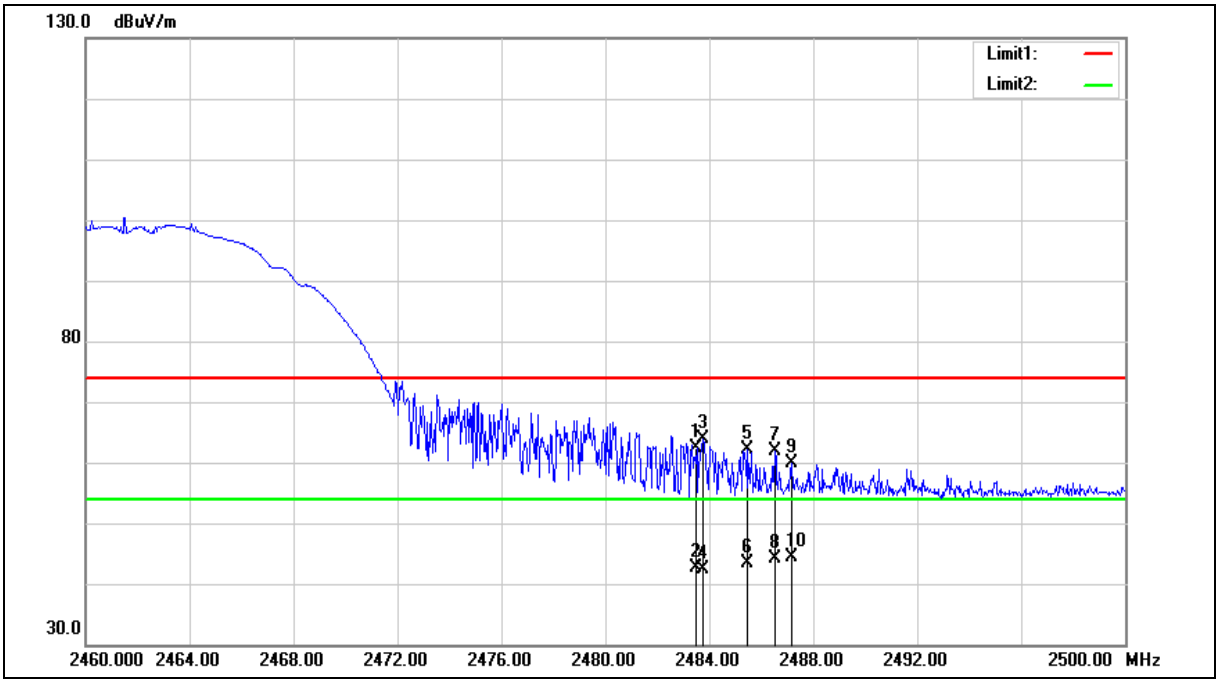

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 55.74 | -0.82 | 54.92 | 74.00 | -19.08 | peak |
| 2 | 2483.500 | 43.20 | -0.82 | 42.38 | 54.00 | -11.62 | AVG |
| 3 | 2483.800 | 60.32 | -0.82 | 59.50 | 74.00 | -14.50 | peak |
| 4 | 2483.800 | 43.77 | -0.82 | 42.95 | 54.00 | -11.05 | AVG |
| 5 | 2485.960 | 58.11 | -0.82 | 57.29 | 74.00 | -16.71 | peak |
| 6 | 2485.960 | 43.23 | -0.82 | 42.41 | 54.00 | -11.59 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |

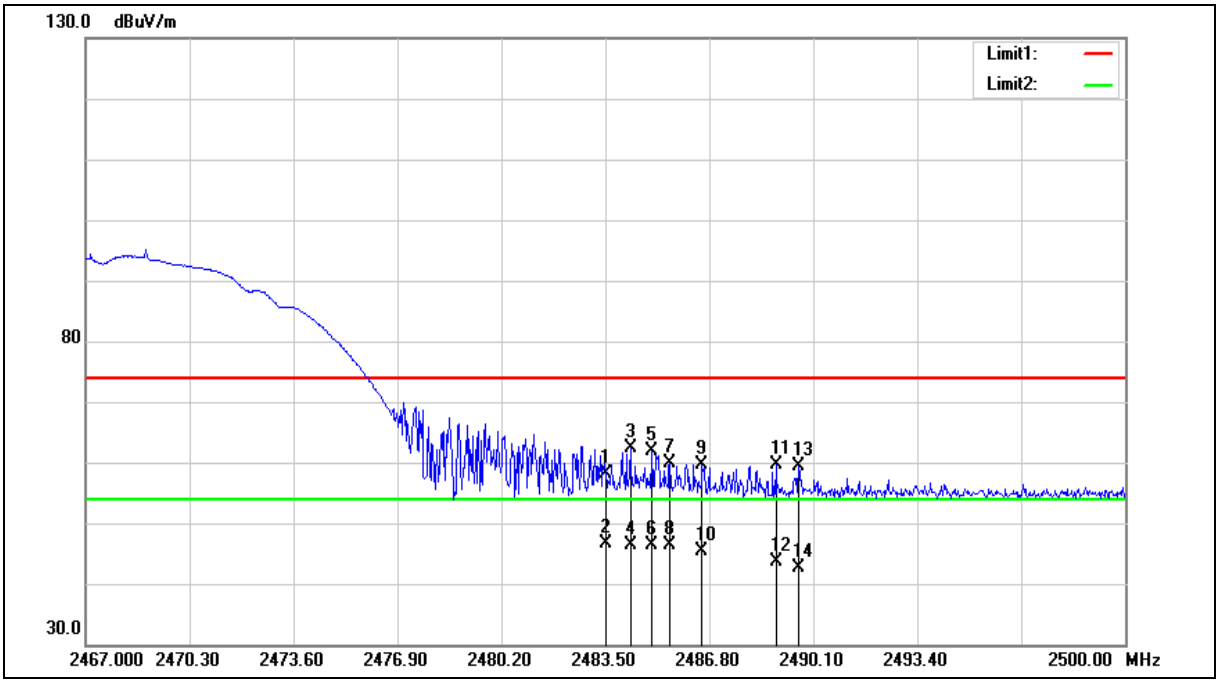
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 63.08 | -0.82 | 62.26 | 74.00 | -11.74 | peak |
| 2 | 2483.500 | 43.44 | -0.82 | 42.62 | 54.00 | -11.38 | AVG |
| 3 | 2483.760 | 64.58 | -0.82 | 63.76 | 74.00 | -10.24 | peak |
| 4 | 2483.760 | 43.15 | -0.82 | 42.33 | 54.00 | -11.67 | AVG |
| 5 | 2485.480 | 62.88 | -0.82 | 62.06 | 74.00 | -11.94 | peak |
| 6 | 2485.480 | 44.29 | -0.82 | 43.47 | 54.00 | -10.53 | AVG |
| 7 | 2486.520 | 62.76 | -0.82 | 61.94 | 74.00 | -12.06 | peak |
| 8 | 2486.520 | 44.98 | -0.82 | 44.16 | 54.00 | -9.84 | AVG |
| 9 | 2487.160 | 60.68 | -0.81 | 59.87 | 74.00 | -14.13 | peak |
| 10 | 2487.160 | 45.15 | -0.81 | 44.34 | 54.00 | -9.66 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |

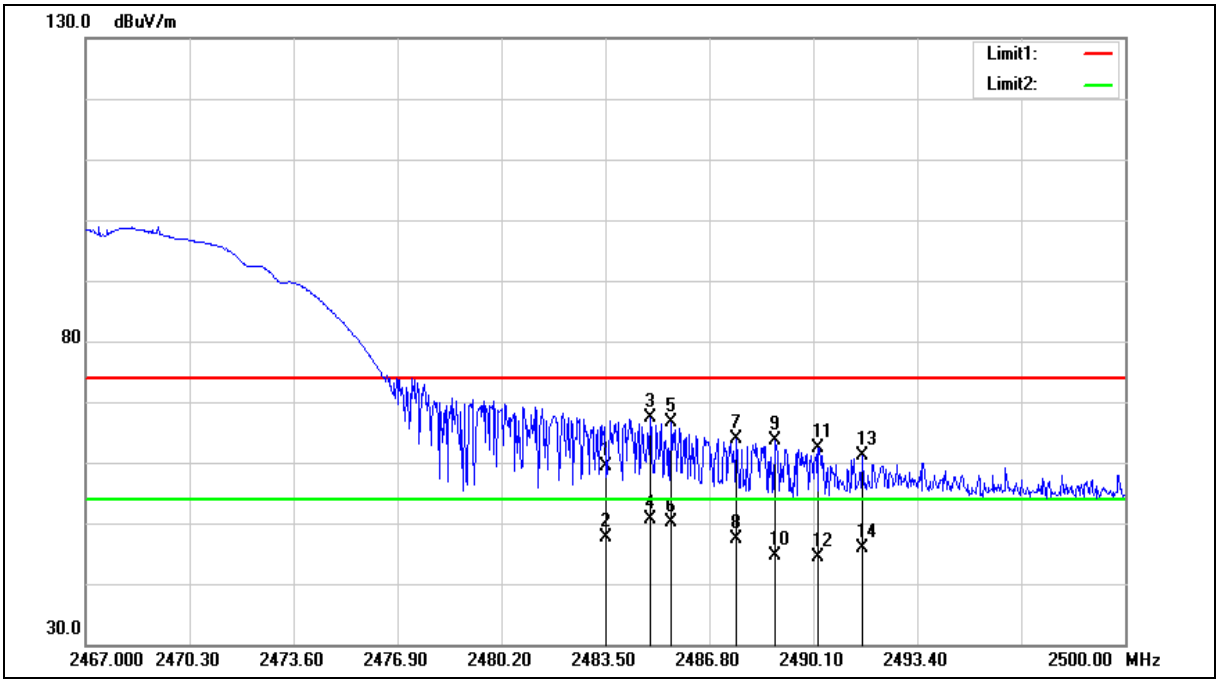
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 59.01 | -0.82 | 58.19 | 74.00 | -15.81 | peak |
| 2 | 2483.500 | 47.37 | -0.82 | 46.55 | 54.00 | -7.45 | AVG |
| 3 | 2484.292 | 63.25 | -0.82 | 62.43 | 74.00 | -11.57 | peak |
| 4 | 2484.292 | 47.21 | -0.82 | 46.39 | 54.00 | -7.61 | AVG |
| 5 | 2484.985 | 62.78 | -0.82 | 61.96 | 74.00 | -12.04 | peak |
| 6 | 2484.985 | 47.23 | -0.82 | 46.41 | 54.00 | -7.59 | AVG |
| 7 | 2485.546 | 60.77 | -0.82 | 59.95 | 74.00 | -14.05 | peak |
| 8 | 2485.546 | 47.20 | -0.82 | 46.38 | 54.00 | -7.62 | AVG |
| 9 | 2486.569 | 60.50 | -0.81 | 59.69 | 74.00 | -14.31 | peak |
| 10 | 2486.569 | 46.19 | -0.81 | 45.38 | 54.00 | -8.62 | AVG |
| 11 | 2488.912 | 60.32 | -0.80 | 59.52 | 74.00 | -14.48 | peak |
| 12 | 2488.912 | 44.39 | -0.80 | 43.59 | 54.00 | -10.41 | AVG |
| 13 | 2489.638 | 60.17 | -0.80 | 59.37 | 74.00 | -14.63 | peak |
| 14 | 2489.638 | 43.45 | -0.80 | 42.65 | 54.00 | -11.35 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |

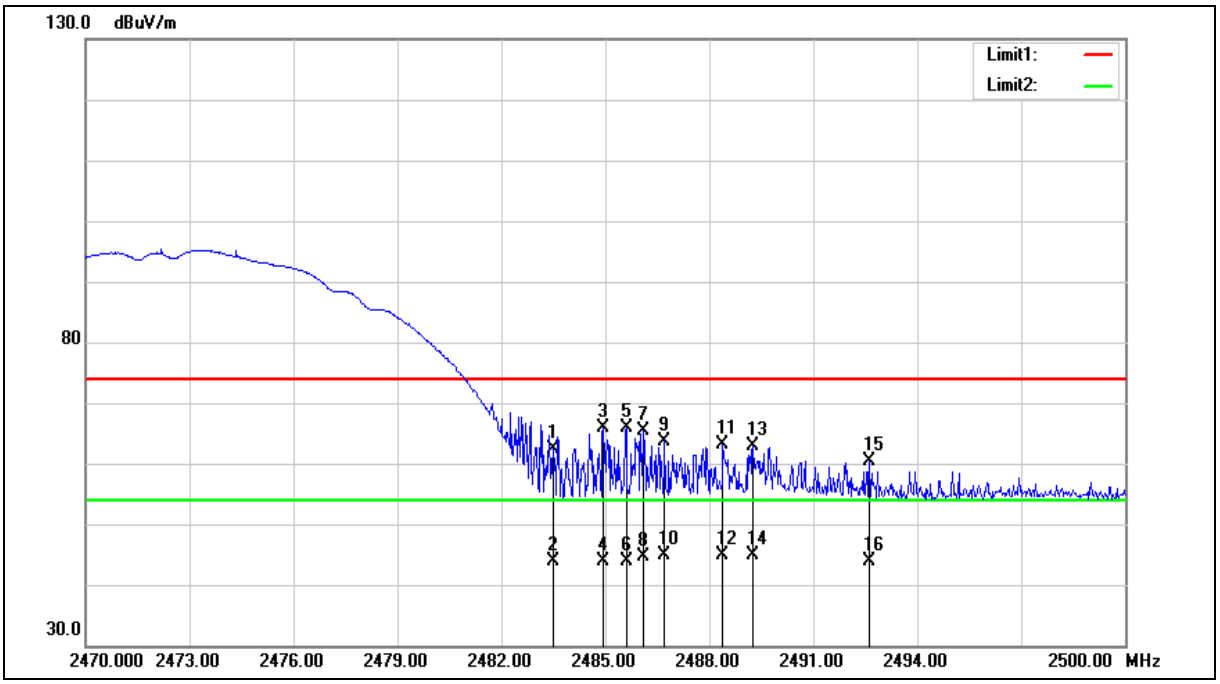
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 60.08 | -0.82 | 59.26 | 74.00 | -14.74 | peak |
| 2 | 2483.500 | 48.47 | -0.82 | 47.65 | 54.00 | -6.35 | AVG |
| 3 | 2484.919 | 68.29 | -0.82 | 67.47 | 74.00 | -6.53 | peak |
| 4 | 2484.919 | 51.37 | -0.82 | 50.55 | 54.00 | -3.45 | AVG |
| 5 | 2485.579 | 67.48 | -0.82 | 66.66 | 74.00 | -7.34 | peak |
| 6 | 2485.579 | 50.88 | -0.82 | 50.06 | 54.00 | -3.94 | AVG |
| 7 | 2487.658 | 64.60 | -0.80 | 63.80 | 74.00 | -10.20 | peak |
| 8 | 2487.658 | 48.27 | -0.80 | 47.47 | 54.00 | -6.53 | AVG |
| 9 | 2488.879 | 64.53 | -0.80 | 63.73 | 74.00 | -10.27 | peak |
| 10 | 2488.879 | 45.51 | -0.80 | 44.71 | 54.00 | -9.29 | AVG |
| 11 | 2490.265 | 63.14 | -0.80 | 62.34 | 74.00 | -11.66 | peak |
| 12 | 2490.265 | 45.26 | -0.80 | 44.46 | 54.00 | -9.54 | AVG |
| 13 | 2491.651 | 61.90 | -0.79 | 61.11 | 74.00 | -12.89 | peak |
| 14 | 2491.651 | 46.66 | -0.79 | 45.87 | 54.00 | -8.13 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Horizontal | | |

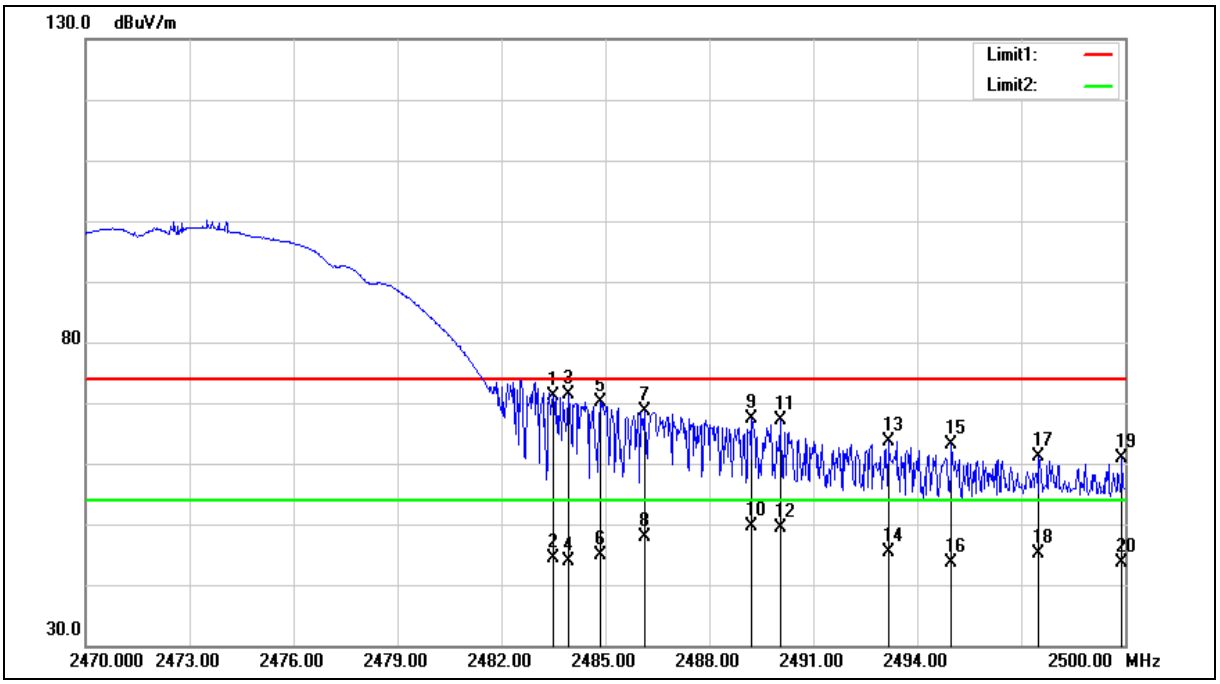
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 63.08 | -0.82 | 62.26 | 74.00 | -11.74 | peak |
| 2 | 2483.500 | 44.78 | -0.82 | 43.96 | 54.00 | -10.04 | AVG |
| 3 | 2484.940 | 66.80 | -0.82 | 65.98 | 74.00 | -8.02 | peak |
| 4 | 2484.940 | 44.74 | -0.82 | 43.92 | 54.00 | -10.08 | AVG |
| 5 | 2485.600 | 66.68 | -0.82 | 65.86 | 74.00 | -8.14 | peak |
| 6 | 2485.600 | 44.63 | -0.82 | 43.81 | 54.00 | -10.19 | AVG |
| 7 | 2486.080 | 66.23 | -0.82 | 65.41 | 74.00 | -8.59 | peak |
| 8 | 2486.080 | 45.49 | -0.82 | 44.67 | 54.00 | -9.33 | AVG |
| 9 | 2486.710 | 64.44 | -0.81 | 63.63 | 74.00 | -10.37 | peak |
| 10 | 2486.710 | 45.77 | -0.81 | 44.96 | 54.00 | -9.04 | AVG |
| 11 | 2488.390 | 63.82 | -0.80 | 63.02 | 74.00 | -10.98 | peak |
| 12 | 2488.390 | 45.72 | -0.80 | 44.92 | 54.00 | -9.08 | AVG |
| 13 | 2489.260 | 63.70 | -0.80 | 62.90 | 74.00 | -11.10 | peak |
| 14 | 2489.260 | 45.72 | -0.80 | 44.92 | 54.00 | -9.08 | AVG |
| 15 | 2492.620 | 61.19 | -0.79 | 60.40 | 74.00 | -13.60 | peak |
| 16 | 2492.620 | 44.74 | -0.79 | 43.95 | 54.00 | -10.05 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 2 | | |
| Ant.Polar.: | Vertical | | |

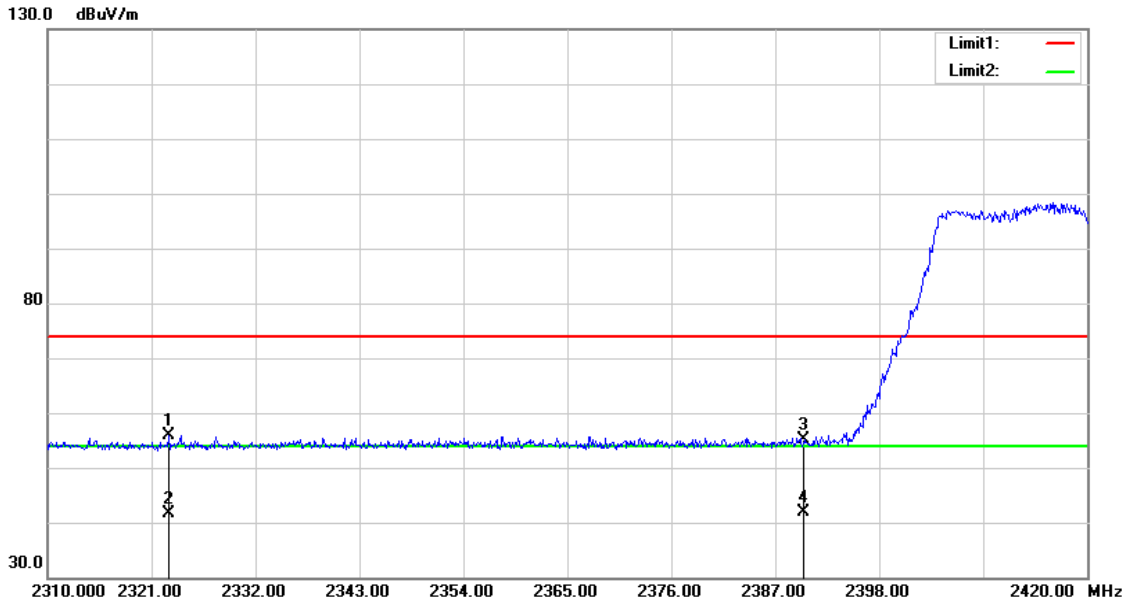
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 71.96 | -0.82 | 71.14 | 74.00 | -2.86 | peak |
| 2 | 2483.500 | 45.26 | -0.82 | 44.44 | 54.00 | -9.56 | AVG |
| 3 | 2483.920 | 72.15 | -0.82 | 71.33 | 74.00 | -2.67 | peak |
| 4 | 2483.920 | 44.67 | -0.82 | 43.85 | 54.00 | -10.15 | AVG |
| 5 | 2484.850 | 70.97 | -0.82 | 70.15 | 74.00 | -3.85 | peak |
| 6 | 2484.850 | 45.80 | -0.82 | 44.98 | 54.00 | -9.02 | AVG |
| 7 | 2486.140 | 69.50 | -0.82 | 68.68 | 74.00 | -5.32 | peak |
| 8 | 2486.140 | 48.58 | -0.82 | 47.76 | 54.00 | -6.24 | AVG |
| 9 | 2489.230 | 68.11 | -0.80 | 67.31 | 74.00 | -6.69 | peak |
| 10 | 2489.230 | 50.32 | -0.80 | 49.52 | 54.00 | -4.48 | AVG |
| 11 | 2490.040 | 67.92 | -0.80 | 67.12 | 74.00 | -6.88 | peak |
| 12 | 2490.040 | 50.07 | -0.80 | 49.27 | 54.00 | -4.73 | AVG |
| 13 | 2493.160 | 64.46 | -0.79 | 63.67 | 74.00 | -10.33 | peak |
| 14 | 2493.160 | 46.19 | -0.79 | 45.40 | 54.00 | -8.60 | AVG |
| 15 | 2494.990 | 63.97 | -0.78 | 63.19 | 74.00 | -10.81 | peak |
| 16 | 2494.990 | 44.33 | -0.78 | 43.55 | 54.00 | -10.45 | AVG |
| 17 | 2497.510 | 62.01 | -0.77 | 61.24 | 74.00 | -12.76 | peak |
| 18 | 2497.510 | 45.98 | -0.77 | 45.21 | 54.00 | -8.79 | AVG |
| 19 | 2499.910 | 61.61 | -0.76 | 60.85 | 74.00 | -13.15 | peak |
| 20 | 2499.910 | 44.37 | -0.76 | 43.61 | 54.00 | -10.39 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



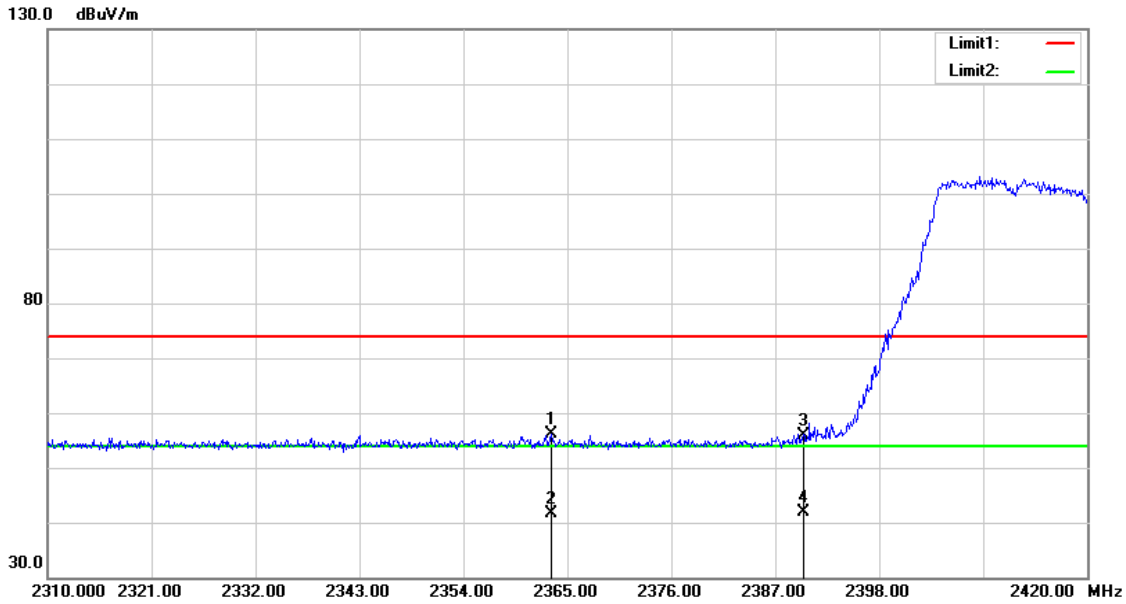

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2322.870 | 57.23 | -1.41 | 55.82 | 74.00 | -18.18 | peak |
| 2 | 2322.870 | 42.95 | -1.41 | 41.54 | 54.00 | -12.46 | AVG |
| 3 | 2390.000 | 56.25 | -1.17 | 55.08 | 74.00 | -18.92 | peak |
| 4 | 2390.000 | 42.95 | -1.17 | 41.78 | 54.00 | -12.22 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



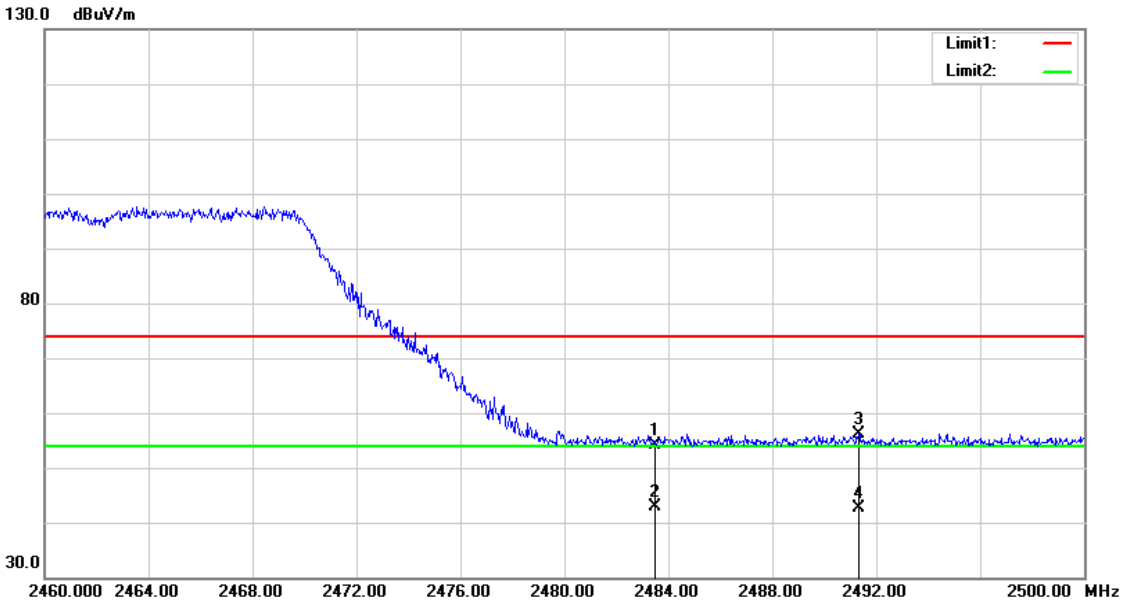

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2363.240 | 57.32 | -1.26 | 56.06 | 74.00 | -17.94 | peak |
| 2 | 2363.240 | 42.91 | -1.26 | 41.65 | 54.00 | -12.35 | AVG |
| 3 | 2390.000 | 56.97 | -1.17 | 55.80 | 74.00 | -18.20 | peak |
| 4 | 2390.000 | 43.02 | -1.17 | 41.85 | 54.00 | -12.15 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



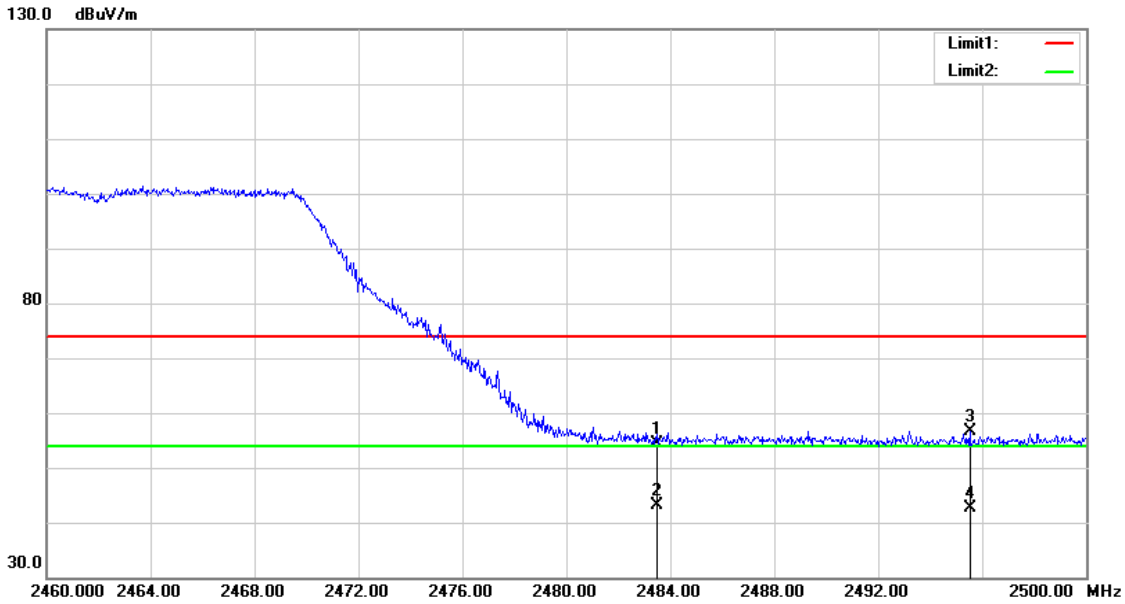

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 55.00 | -0.82 | 54.18 | 74.00 | -19.82 | peak |
| 2 | 2483.500 | 43.59 | -0.82 | 42.77 | 54.00 | -11.23 | AVG |
| 3 | 2491.320 | 56.93 | -0.79 | 56.14 | 74.00 | -17.86 | peak |
| 4 | 2491.320 | 43.33 | -0.79 | 42.54 | 54.00 | -11.46 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



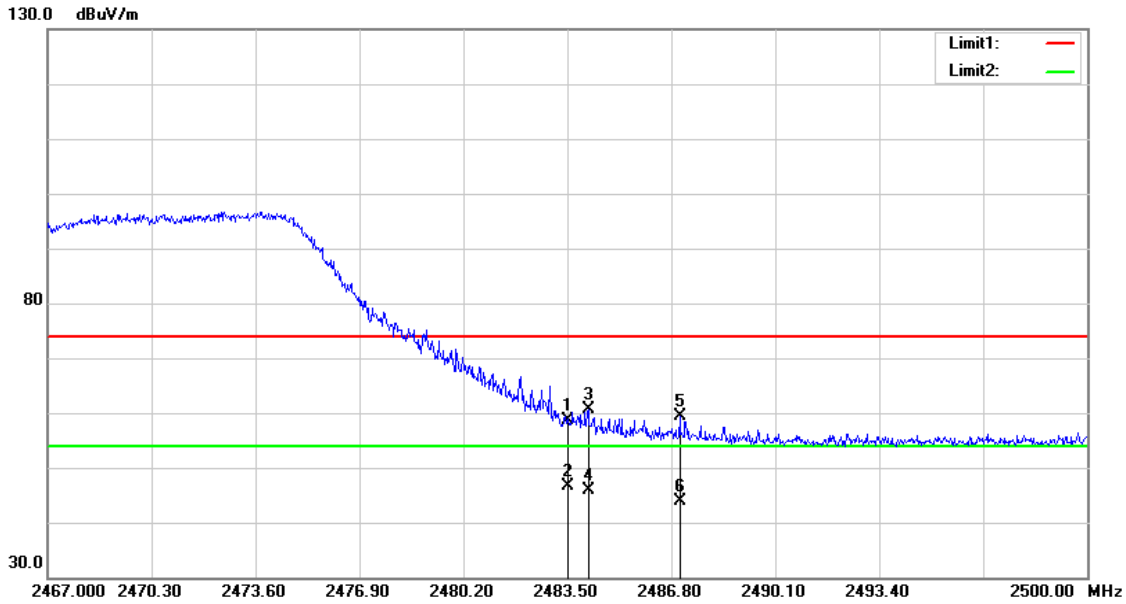

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 55.26 | -0.82 | 54.44 | 74.00 | -19.56 | peak |
| 2 | 2483.500 | 43.92 | -0.82 | 43.10 | 54.00 | -10.90 | AVG |
| 3 | 2495.520 | 57.39 | -0.78 | 56.61 | 74.00 | -17.39 | peak |
| 4 | 2495.520 | 43.29 | -0.78 | 42.51 | 54.00 | -11.49 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



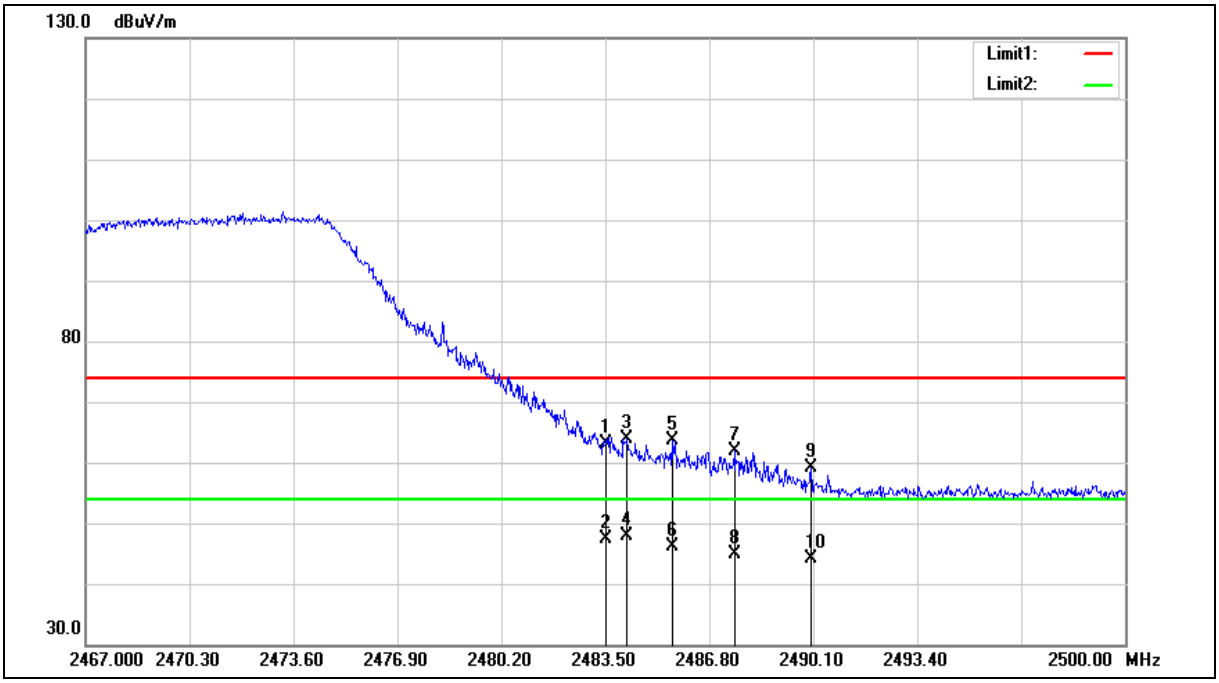

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 59.53 | -0.82 | 58.71 | 74.00 | -15.29 | peak |
| 2 | 2483.500 | 47.55 | -0.82 | 46.73 | 54.00 | -7.27 | AVG |
| 3 | 2484.160 | 61.54 | -0.82 | 60.72 | 74.00 | -13.28 | peak |
| 4 | 2484.160 | 46.67 | -0.82 | 45.85 | 54.00 | -8.15 | AVG |
| 5 | 2487.064 | 60.23 | -0.81 | 59.42 | 74.00 | -14.58 | peak |
| 6 | 2487.064 | 44.77 | -0.81 | 43.96 | 54.00 | -10.04 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |

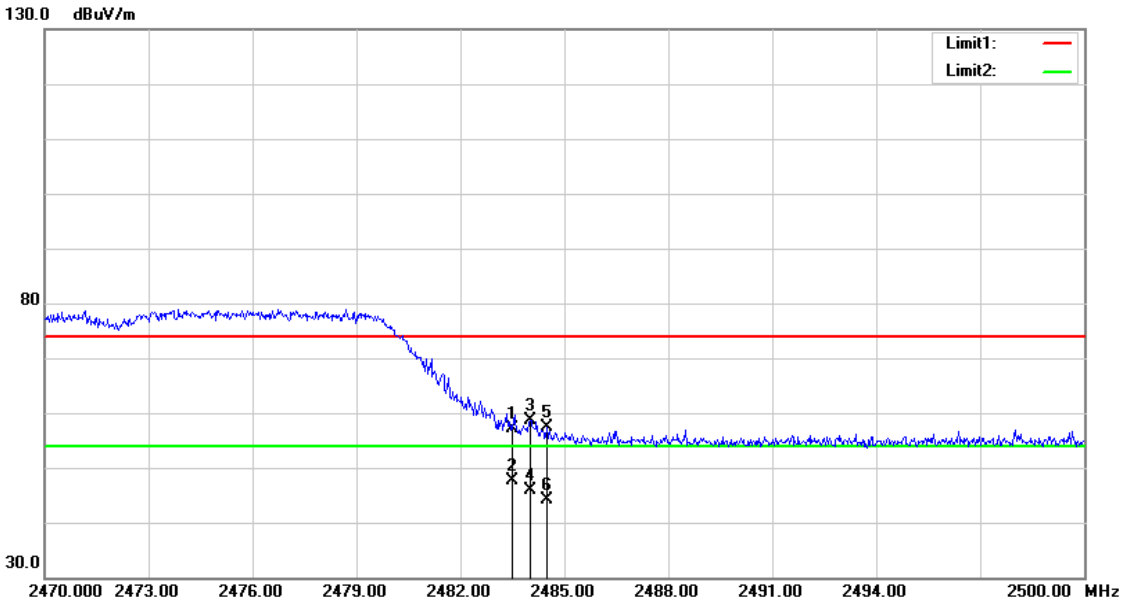
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 63.95 | -0.82 | 63.13 | 74.00 | -10.87 | peak |
| 2 | 2483.500 | 48.25 | -0.82 | 47.43 | 54.00 | -6.57 | AVG |
| 3 | 2484.193 | 64.79 | -0.82 | 63.97 | 74.00 | -10.03 | peak |
| 4 | 2484.193 | 48.74 | -0.82 | 47.92 | 54.00 | -6.08 | AVG |
| 5 | 2485.612 | 64.55 | -0.82 | 63.73 | 74.00 | -10.27 | peak |
| 6 | 2485.612 | 46.89 | -0.82 | 46.07 | 54.00 | -7.93 | AVG |
| 7 | 2487.592 | 62.60 | -0.80 | 61.80 | 74.00 | -12.20 | peak |
| 8 | 2487.592 | 45.66 | -0.80 | 44.86 | 54.00 | -9.14 | AVG |
| 9 | 2490.034 | 59.88 | -0.80 | 59.08 | 74.00 | -14.92 | peak |
| 10 | 2490.034 | 44.81 | -0.80 | 44.01 | 54.00 | -9.99 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Horizontal | | |



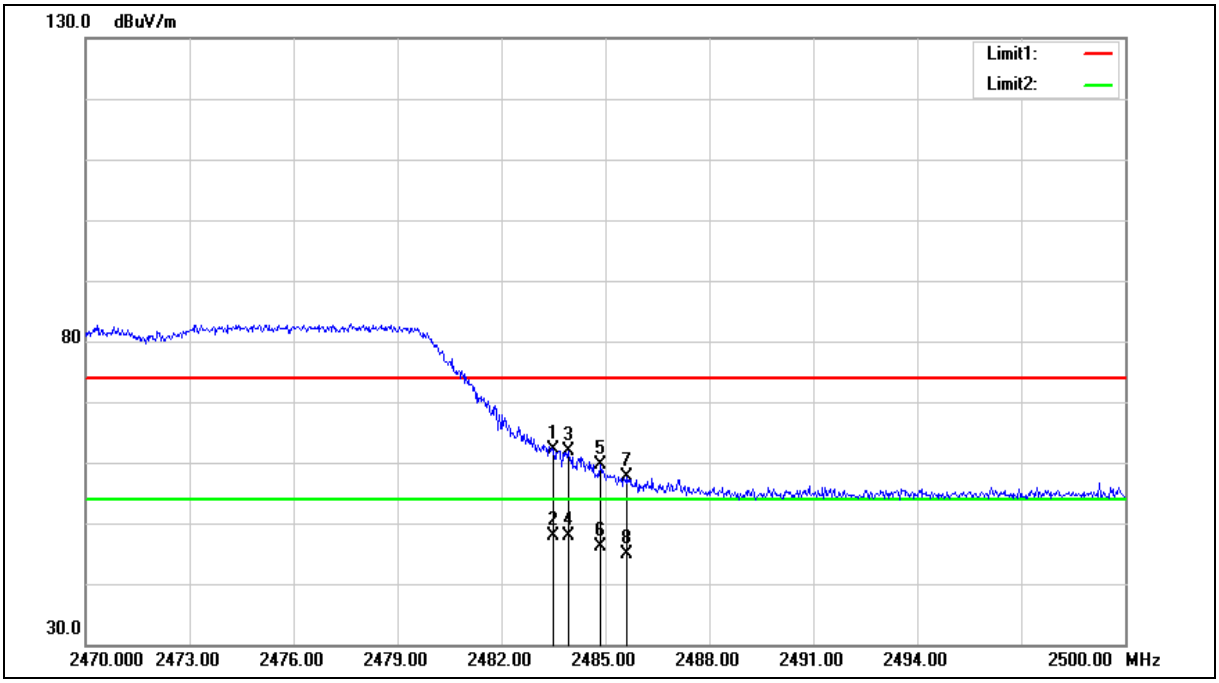

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 57.96 | -0.82 | 57.14 | 74.00 | -16.86 | peak |
| 2 | 2483.500 | 48.35 | -0.82 | 47.53 | 54.00 | -6.47 | AVG |
| 3 | 2484.010 | 59.45 | -0.82 | 58.63 | 74.00 | -15.37 | peak |
| 4 | 2484.010 | 46.80 | -0.82 | 45.98 | 54.00 | -8.02 | AVG |
| 5 | 2484.490 | 58.10 | -0.82 | 57.28 | 74.00 | -16.72 | peak |
| 6 | 2484.490 | 44.98 | -0.82 | 44.16 | 54.00 | -9.84 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 3 | | |
| Ant.Polar.: | Vertical | | |

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 62.89 | -0.82 | 62.07 | 74.00 | -11.93 | peak |
| 2 | 2483.500 | 48.79 | -0.82 | 47.97 | 54.00 | -6.03 | AVG |
| 3 | 2483.920 | 62.63 | -0.82 | 61.81 | 74.00 | -12.19 | peak |
| 4 | 2483.920 | 48.59 | -0.82 | 47.77 | 54.00 | -6.23 | AVG |
| 5 | 2484.850 | 60.46 | -0.82 | 59.64 | 74.00 | -14.36 | peak |
| 6 | 2484.850 | 46.83 | -0.82 | 46.01 | 54.00 | -7.99 | AVG |
| 7 | 2485.630 | 58.51 | -0.82 | 57.69 | 74.00 | -16.31 | peak |
| 8 | 2485.630 | 45.58 | -0.82 | 44.76 | 54.00 | -9.24 | AVG |

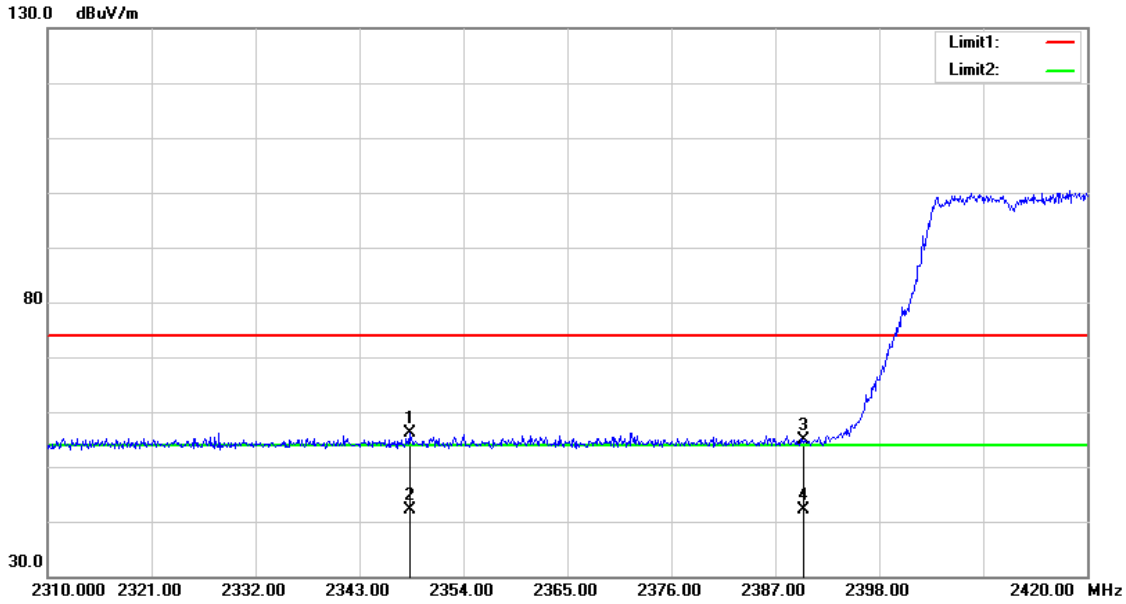
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

MIMO A+B

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Horizontal | | |



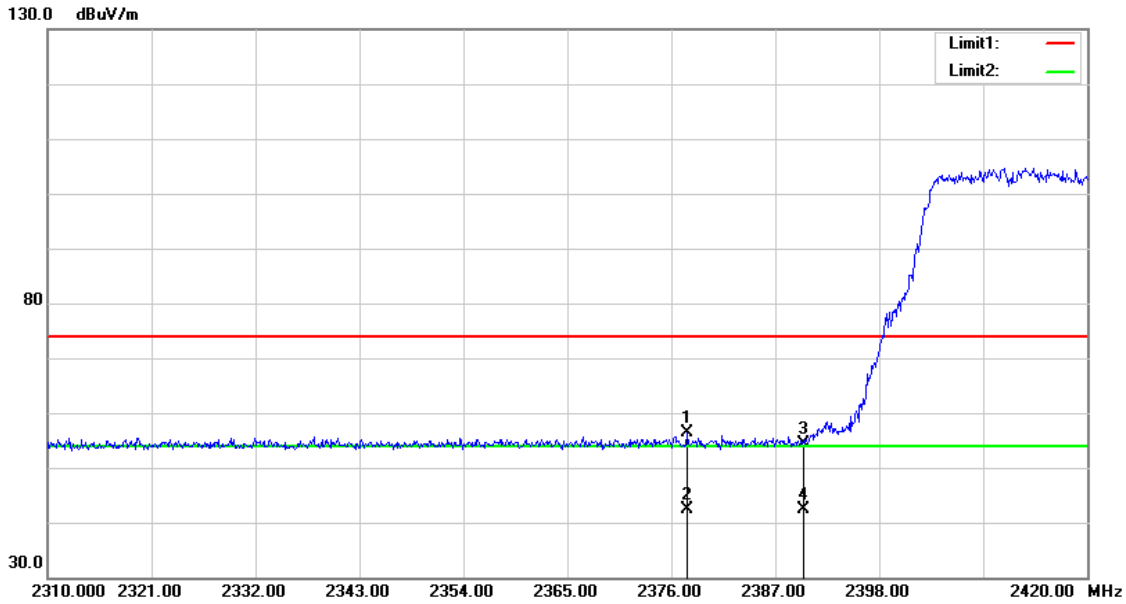

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2348.280 | 57.53 | -1.31 | 56.22 | 74.00 | -17.78 | peak |
| 2 | 2348.280 | 43.48 | -1.31 | 42.17 | 54.00 | -11.83 | AVG |
| 3 | 2390.000 | 56.05 | -1.17 | 54.88 | 74.00 | -19.12 | peak |
| 4 | 2390.000 | 43.23 | -1.17 | 42.06 | 54.00 | -11.94 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2412 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Vertical | | |



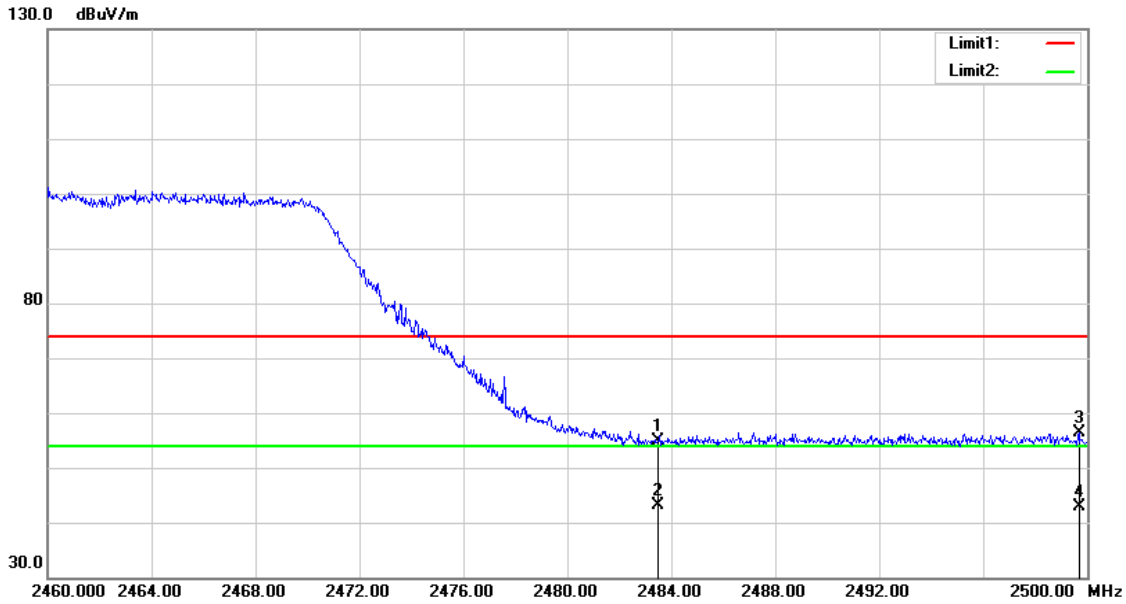

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2377.650 | 57.49 | -1.21 | 56.28 | 74.00 | -17.72 | peak |
| 2 | 2377.650 | 43.56 | -1.21 | 42.35 | 54.00 | -11.65 | AVG |
| 3 | 2390.000 | 55.57 | -1.17 | 54.40 | 74.00 | -19.60 | peak |
| 4 | 2390.000 | 43.44 | -1.17 | 42.27 | 54.00 | -11.73 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Horizontal | | |



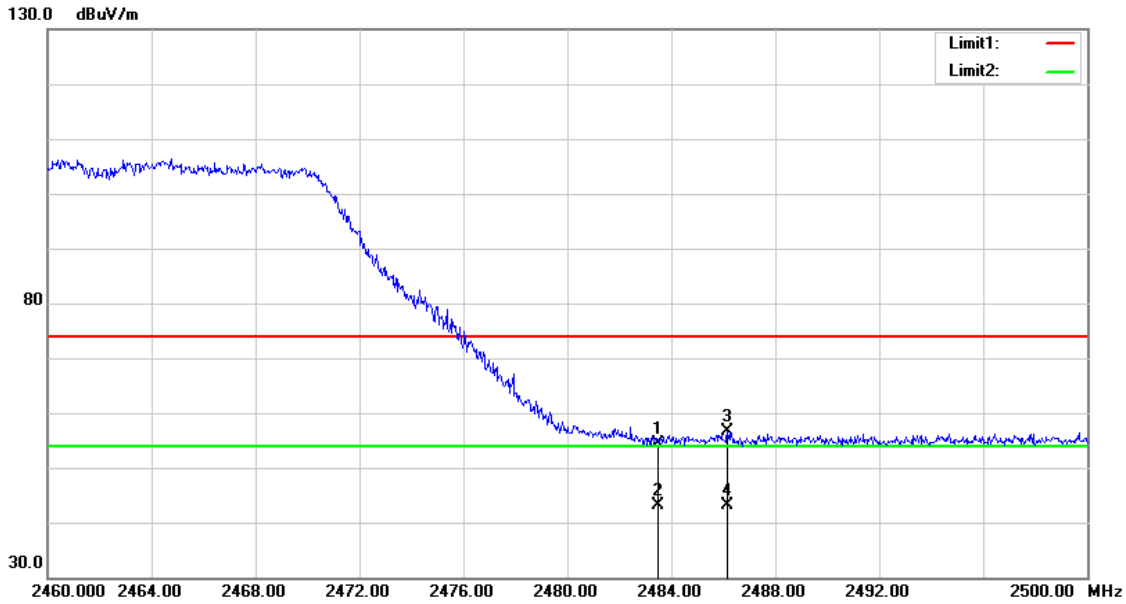

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 55.70 | -0.82 | 54.88 | 74.00 | -19.12 | peak |
| 2 | 2483.500 | 43.95 | -0.82 | 43.13 | 54.00 | -10.87 | AVG |
| 3 | 2499.680 | 57.13 | -0.76 | 56.37 | 74.00 | -17.63 | peak |
| 4 | 2499.680 | 43.70 | -0.76 | 42.94 | 54.00 | -11.06 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Vertical | | |



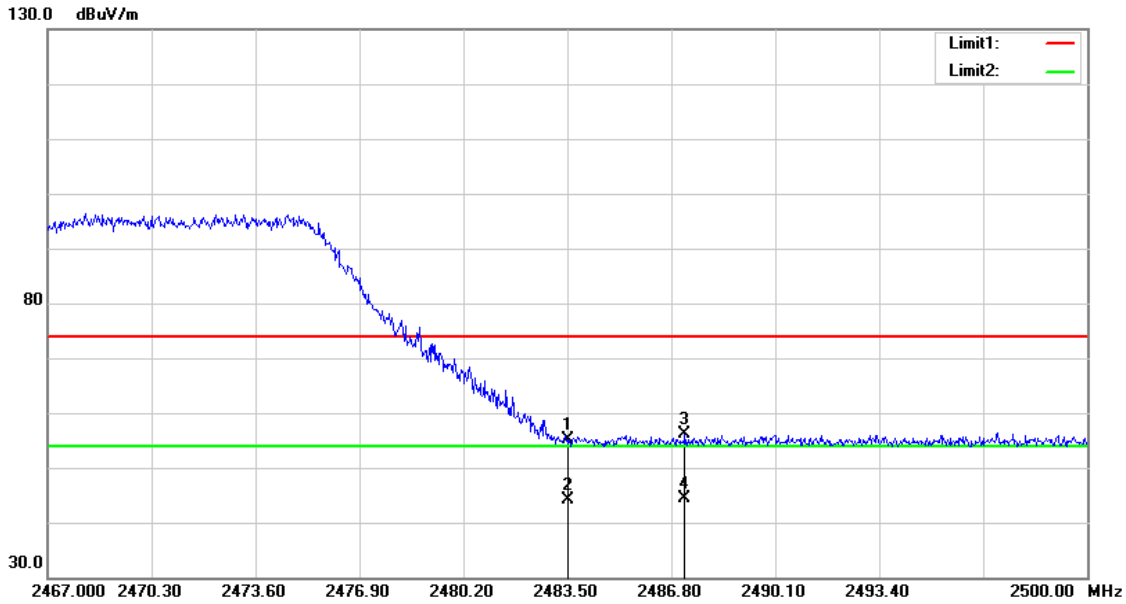

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 55.19 | -0.82 | 54.37 | 74.00 | -19.63 | peak |
| 2 | 2483.500 | 44.07 | -0.82 | 43.25 | 54.00 | -10.75 | AVG |
| 3 | 2486.160 | 57.48 | -0.82 | 56.66 | 74.00 | -17.34 | peak |
| 4 | 2486.160 | 43.94 | -0.82 | 43.12 | 54.00 | -10.88 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Horizontal | | |



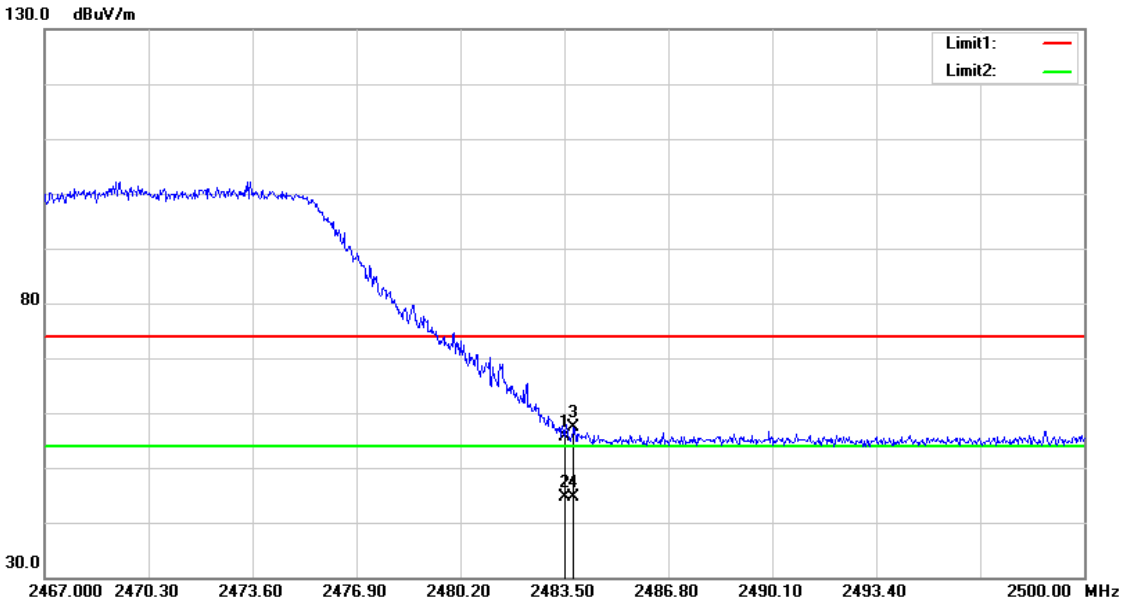

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 56.00 | -0.82 | 55.18 | 74.00 | -18.82 | peak |
| 2 | 2483.500 | 45.05 | -0.82 | 44.23 | 54.00 | -9.77 | AVG |
| 3 | 2487.229 | 57.05 | -0.81 | 56.24 | 74.00 | -17.76 | peak |
| 4 | 2487.229 | 45.12 | -0.81 | 44.31 | 54.00 | -9.69 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2467 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Vertical | | |



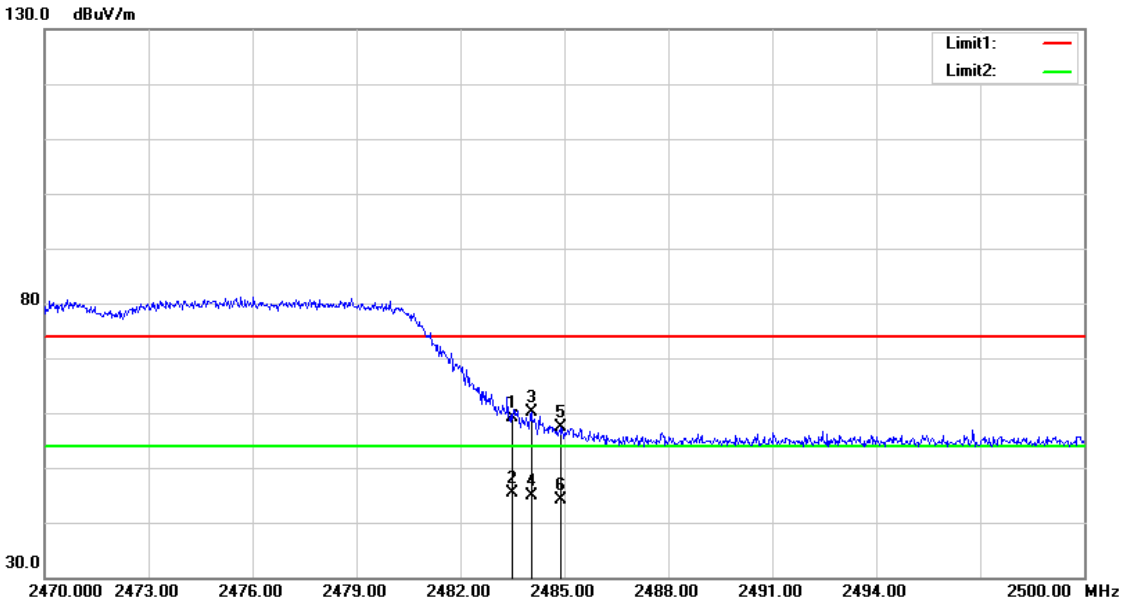

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 56.56 | -0.82 | 55.74 | 74.00 | -18.26 | peak |
| 2 | 2483.500 | 45.38 | -0.82 | 44.56 | 54.00 | -9.44 | AVG |
| 3 | 2483.797 | 58.10 | -0.82 | 57.28 | 74.00 | -16.72 | peak |
| 4 | 2483.797 | 45.57 | -0.82 | 44.75 | 54.00 | -9.25 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Horizontal | | |



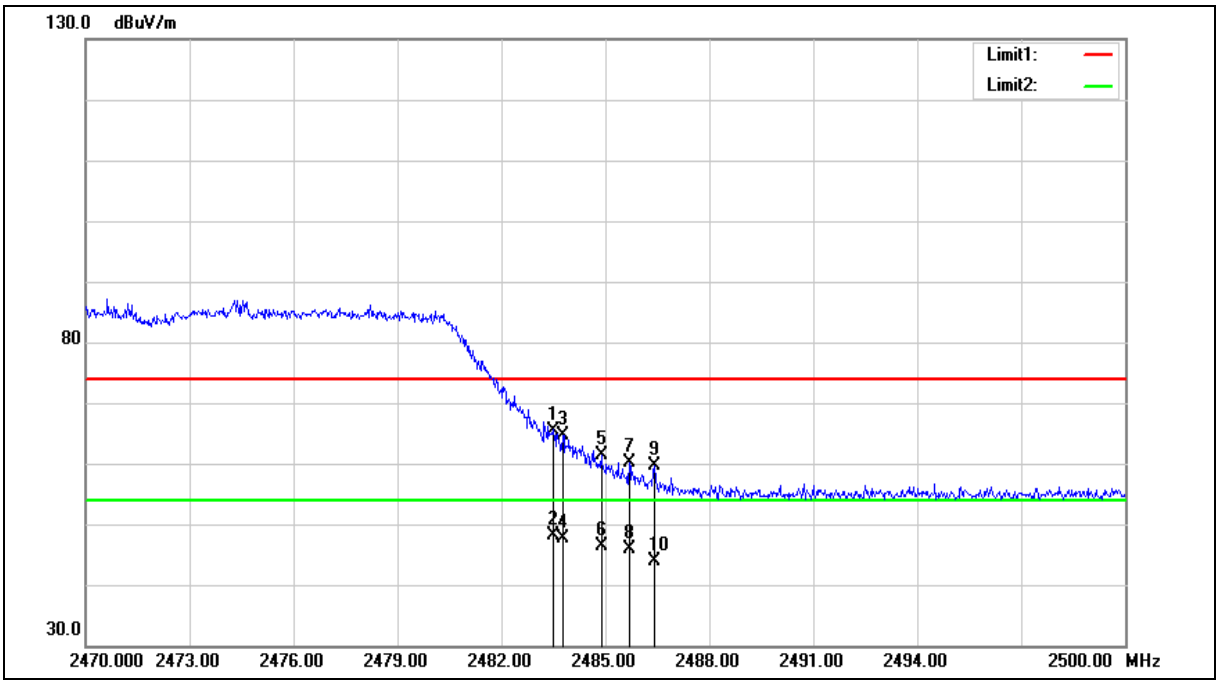

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 59.87 | -0.82 | 59.05 | 74.00 | -14.95 | peak |
| 2 | 2483.500 | 46.09 | -0.82 | 45.27 | 54.00 | -8.73 | AVG |
| 3 | 2484.040 | 60.95 | -0.82 | 60.13 | 74.00 | -13.87 | peak |
| 4 | 2484.040 | 45.80 | -0.82 | 44.98 | 54.00 | -9.02 | AVG |
| 5 | 2484.910 | 58.22 | -0.82 | 57.40 | 74.00 | -16.60 | peak |
| 6 | 2484.910 | 44.97 | -0.82 | 44.15 | 54.00 | -9.85 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2472 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 4 | | |
| Ant.Polar.: | Vertical | | |

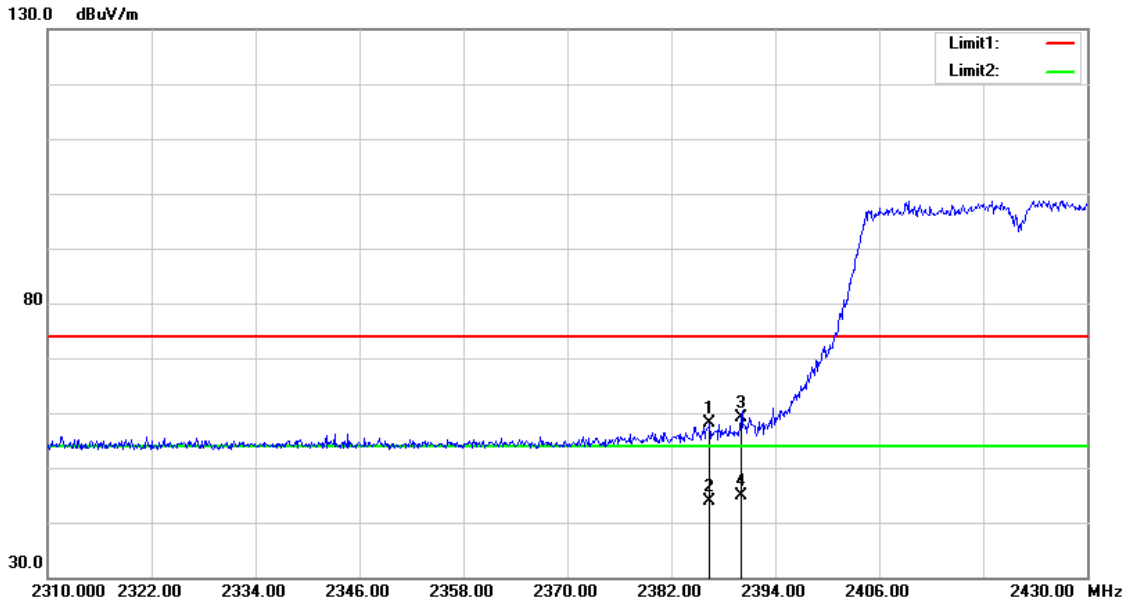
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 66.32 | -0.82 | 65.50 | 74.00 | -8.50 | peak |
| 2 | 2483.500 | 48.83 | -0.82 | 48.01 | 54.00 | -5.99 | AVG |
| 3 | 2483.770 | 65.52 | -0.82 | 64.70 | 74.00 | -9.30 | peak |
| 4 | 2483.770 | 48.47 | -0.82 | 47.65 | 54.00 | -6.35 | AVG |
| 5 | 2484.880 | 62.17 | -0.82 | 61.35 | 74.00 | -12.65 | peak |
| 6 | 2484.880 | 47.17 | -0.82 | 46.35 | 54.00 | -7.65 | AVG |
| 7 | 2485.690 | 60.83 | -0.82 | 60.01 | 74.00 | -13.99 | peak |
| 8 | 2485.690 | 46.62 | -0.82 | 45.80 | 54.00 | -8.20 | AVG |
| 9 | 2486.410 | 60.51 | -0.82 | 59.69 | 74.00 | -14.31 | peak |
| 10 | 2486.410 | 44.76 | -0.82 | 43.94 | 54.00 | -10.06 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2422 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Horizontal | | |



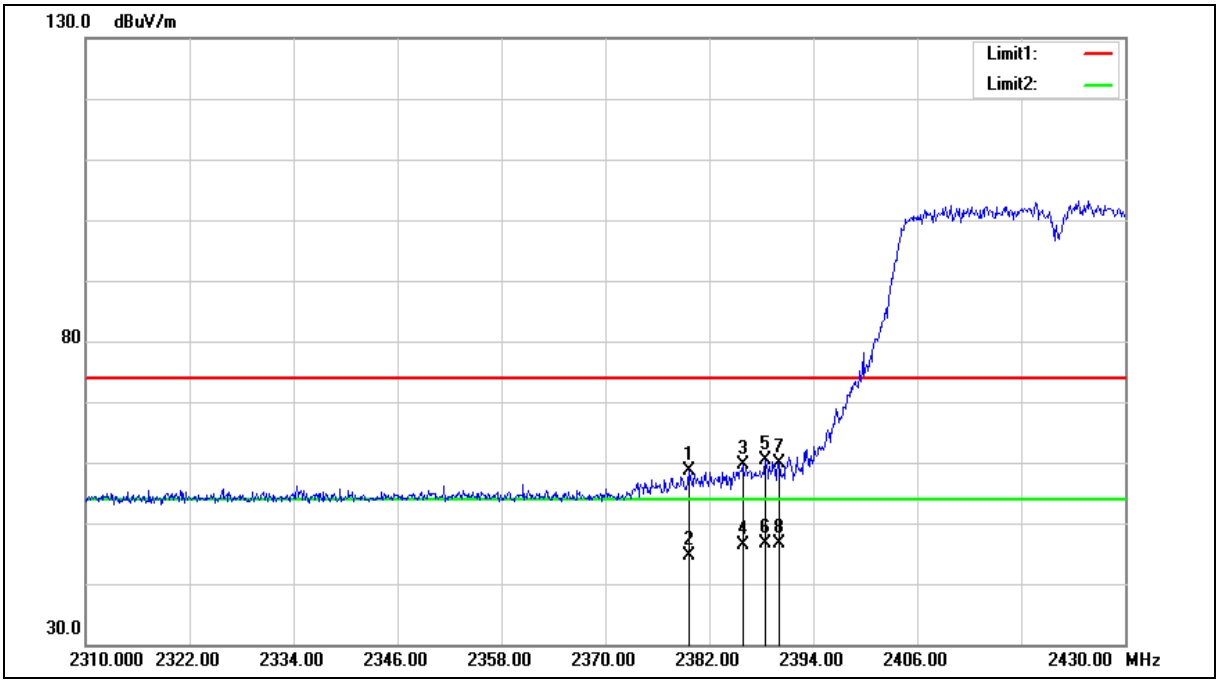

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2386.440 | 59.27 | -1.18 | 58.09 | 74.00 | -15.91 | peak |
| 2 | 2386.440 | 44.99 | -1.18 | 43.81 | 54.00 | -10.19 | AVG |
| 3 | 2390.000 | 60.27 | -1.17 | 59.10 | 74.00 | -14.90 | peak |
| 4 | 2390.000 | 46.08 | -1.17 | 44.91 | 54.00 | -9.09 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2422 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2422 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Vertical | | |

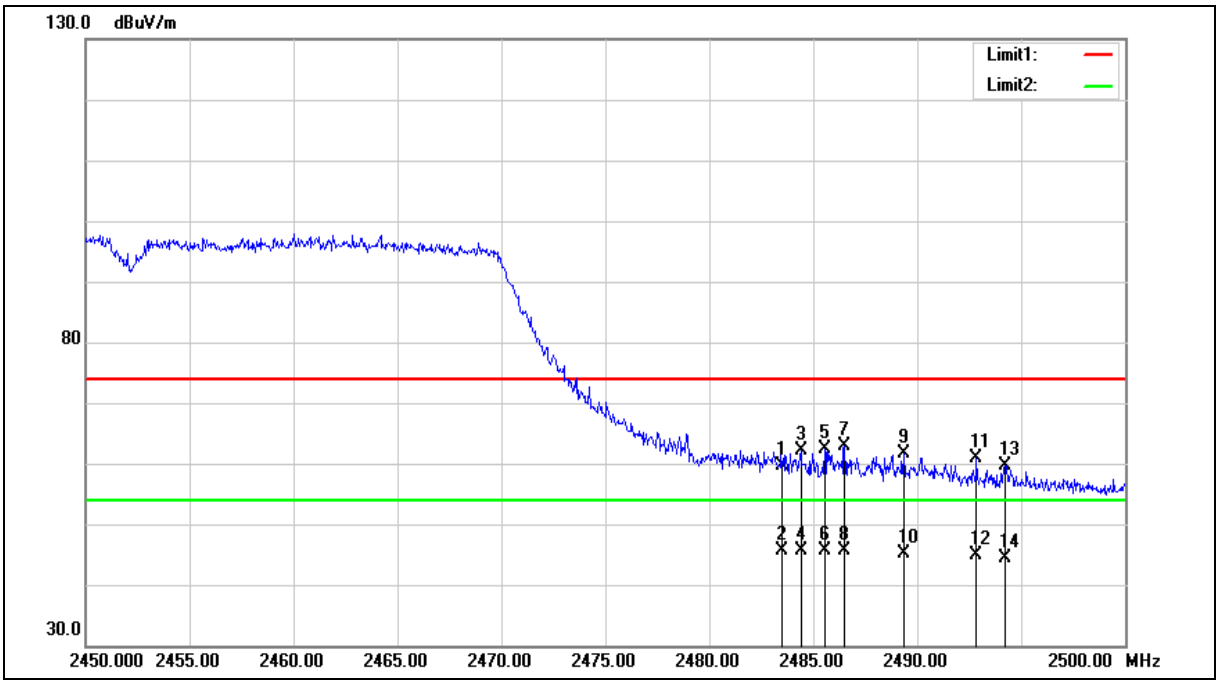
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2379.600 | 59.95 | -1.20 | 58.75 | 74.00 | -15.25 | peak |
| 2 | 2379.600 | 45.92 | -1.20 | 44.72 | 54.00 | -9.28 | AVG |
| 3 | 2385.840 | 60.70 | -1.18 | 59.52 | 74.00 | -14.48 | peak |
| 4 | 2385.840 | 47.45 | -1.18 | 46.27 | 54.00 | -7.73 | AVG |
| 5 | 2388.480 | 61.44 | -1.17 | 60.27 | 74.00 | -13.73 | peak |
| 6 | 2388.480 | 47.82 | -1.17 | 46.65 | 54.00 | -7.35 | AVG |
| 7 | 2390.000 | 61.08 | -1.17 | 59.91 | 74.00 | -14.09 | peak |
| 8 | 2390.000 | 47.74 | -1.17 | 46.57 | 54.00 | -7.43 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2452 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Horizontal | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2452 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Horizontal | | |

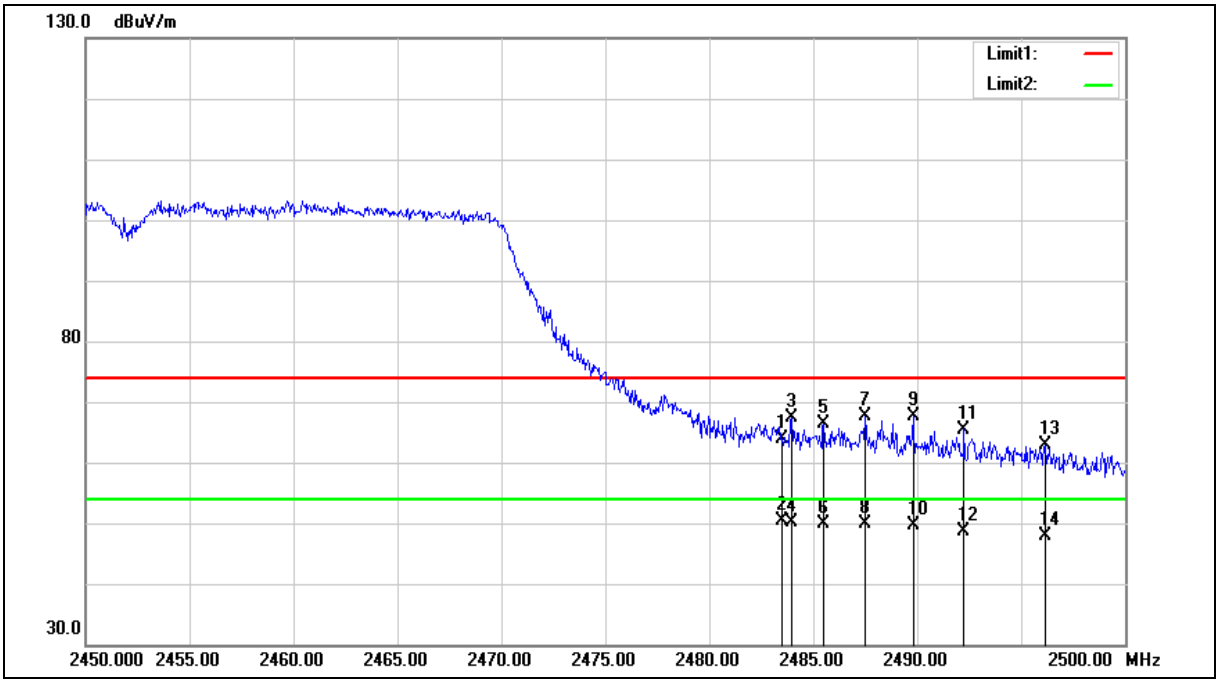
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 60.52 | -0.82 | 59.70 | 74.00 | -14.30 | peak |
| 2 | 2483.500 | 46.55 | -0.82 | 45.73 | 54.00 | -8.27 | AVG |
| 3 | 2484.400 | 62.84 | -0.82 | 62.02 | 74.00 | -11.98 | peak |
| 4 | 2484.400 | 46.47 | -0.82 | 45.65 | 54.00 | -8.35 | AVG |
| 5 | 2485.550 | 63.18 | -0.82 | 62.36 | 74.00 | -11.64 | peak |
| 6 | 2485.550 | 46.37 | -0.82 | 45.55 | 54.00 | -8.45 | AVG |
| 7 | 2486.500 | 63.79 | -0.82 | 62.97 | 74.00 | -11.03 | peak |
| 8 | 2486.500 | 46.57 | -0.82 | 45.75 | 54.00 | -8.25 | AVG |
| 9 | 2489.350 | 62.37 | -0.80 | 61.57 | 74.00 | -12.43 | peak |
| 10 | 2489.350 | 46.01 | -0.80 | 45.21 | 54.00 | -8.79 | AVG |
| 11 | 2492.850 | 61.62 | -0.79 | 60.83 | 74.00 | -13.17 | peak |
| 12 | 2492.850 | 45.72 | -0.79 | 44.93 | 54.00 | -9.07 | AVG |
| 13 | 2494.250 | 60.49 | -0.78 | 59.71 | 74.00 | -14.29 | peak |
| 14 | 2494.250 | 45.18 | -0.78 | 44.40 | 54.00 | -9.60 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2452 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2452 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Vertical | | |

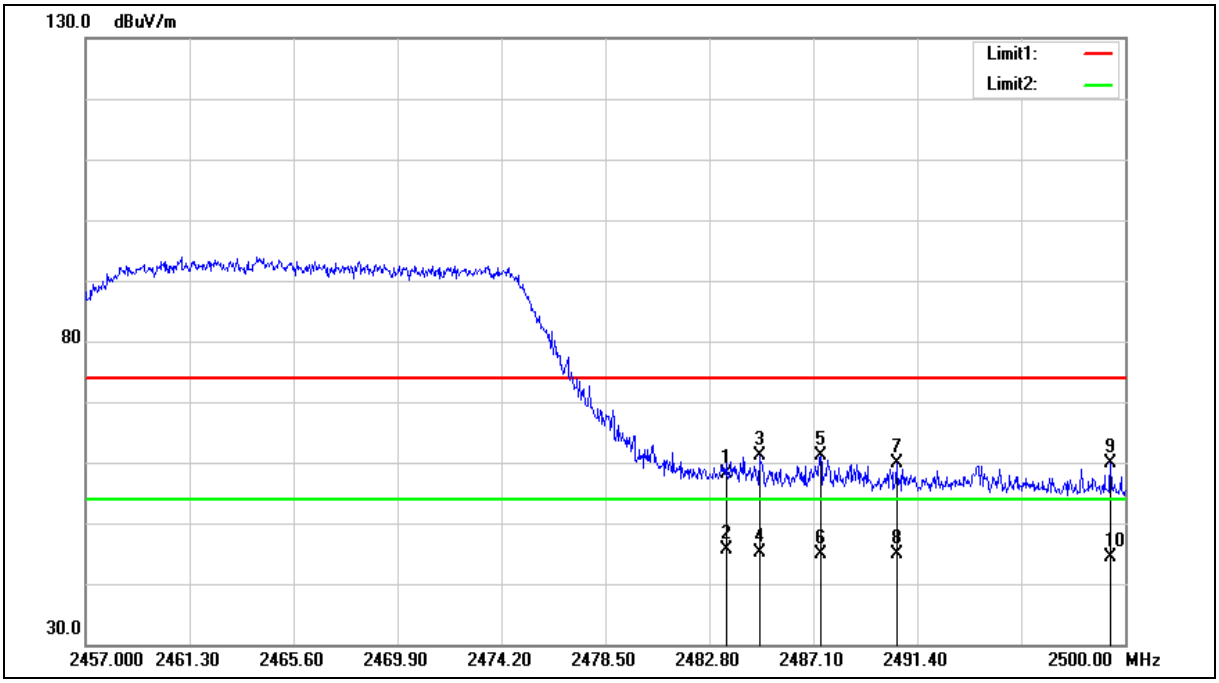
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 64.66 | -0.82 | 63.84 | 74.00 | -10.16 | peak |
| 2 | 2483.500 | 51.10 | -0.82 | 50.28 | 54.00 | -3.72 | AVG |
| 3 | 2483.950 | 68.28 | -0.82 | 67.46 | 74.00 | -6.54 | peak |
| 4 | 2483.950 | 50.84 | -0.82 | 50.02 | 54.00 | -3.98 | AVG |
| 5 | 2485.500 | 67.17 | -0.82 | 66.35 | 74.00 | -7.65 | peak |
| 6 | 2485.500 | 50.69 | -0.82 | 49.87 | 54.00 | -4.13 | AVG |
| 7 | 2487.500 | 68.42 | -0.80 | 67.62 | 74.00 | -6.38 | peak |
| 8 | 2487.500 | 50.76 | -0.80 | 49.96 | 54.00 | -4.04 | AVG |
| 9 | 2489.800 | 68.50 | -0.80 | 67.70 | 74.00 | -6.30 | peak |
| 10 | 2489.800 | 50.43 | -0.80 | 49.63 | 54.00 | -4.37 | AVG |
| 11 | 2492.250 | 66.29 | -0.79 | 65.50 | 74.00 | -8.50 | peak |
| 12 | 2492.250 | 49.42 | -0.79 | 48.63 | 54.00 | -5.37 | AVG |
| 13 | 2496.150 | 63.67 | -0.77 | 62.90 | 74.00 | -11.10 | peak |
| 14 | 2496.150 | 48.76 | -0.77 | 47.99 | 54.00 | -6.01 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2457 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Horizontal | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2457 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Horizontal | | |

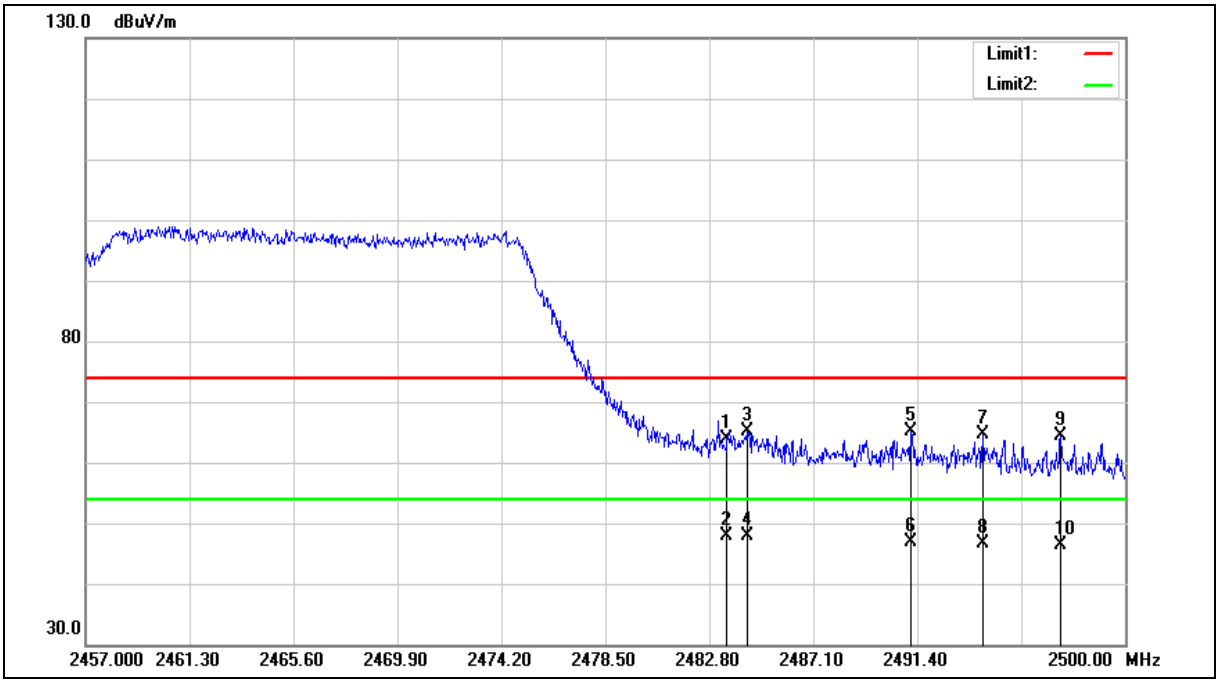
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 58.99 | -0.82 | 58.17 | 74.00 | -15.83 | peak |
| 2 | 2483.500 | 46.36 | -0.82 | 45.54 | 54.00 | -8.46 | AVG |
| 3 | 2484.864 | 61.84 | -0.82 | 61.02 | 74.00 | -12.98 | peak |
| 4 | 2484.864 | 46.07 | -0.82 | 45.25 | 54.00 | -8.75 | AVG |
| 5 | 2487.401 | 61.99 | -0.80 | 61.19 | 74.00 | -12.81 | peak |
| 6 | 2487.401 | 45.77 | -0.80 | 44.97 | 54.00 | -9.03 | AVG |
| 7 | 2490.540 | 60.59 | -0.79 | 59.80 | 74.00 | -14.20 | peak |
| 8 | 2490.540 | 45.55 | -0.79 | 44.76 | 54.00 | -9.24 | AVG |
| 9 | 2499.398 | 60.70 | -0.76 | 59.94 | 74.00 | -14.06 | peak |
| 10 | 2499.398 | 45.18 | -0.76 | 44.42 | 54.00 | -9.58 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2457 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2457 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Vertical | | |

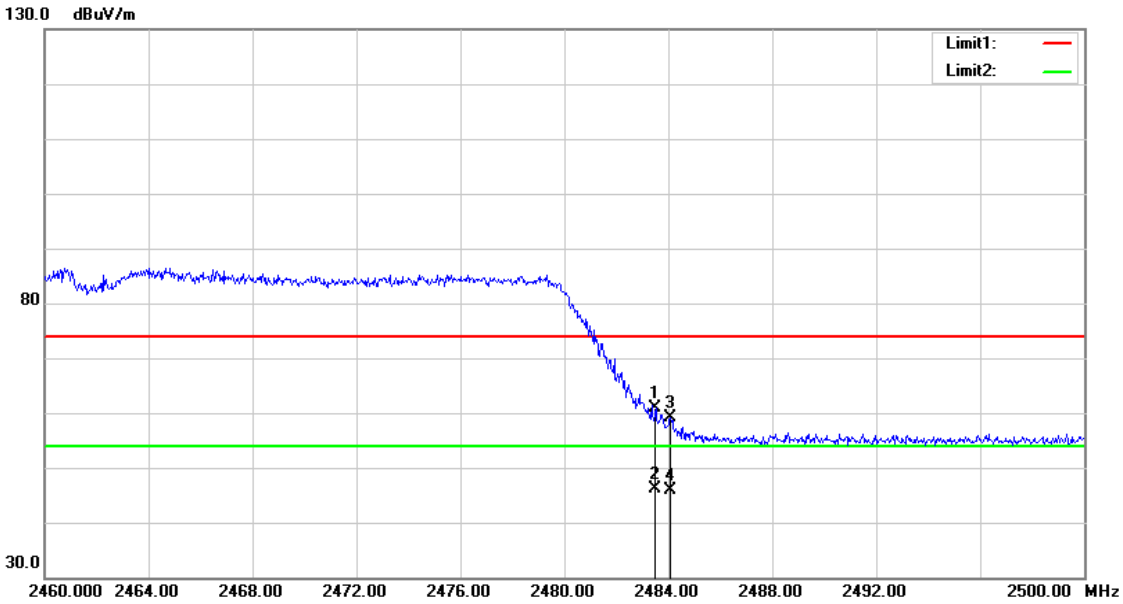
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 64.78 | -0.82 | 63.96 | 74.00 | -10.04 | peak |
| 2 | 2483.500 | 48.66 | -0.82 | 47.84 | 54.00 | -6.16 | AVG |
| 3 | 2484.348 | 65.85 | -0.82 | 65.03 | 74.00 | -8.97 | peak |
| 4 | 2484.348 | 48.75 | -0.82 | 47.93 | 54.00 | -6.07 | AVG |
| 5 | 2491.142 | 65.96 | -0.79 | 65.17 | 74.00 | -8.83 | peak |
| 6 | 2491.142 | 47.78 | -0.79 | 46.99 | 54.00 | -7.01 | AVG |
| 7 | 2494.109 | 65.47 | -0.79 | 64.68 | 74.00 | -9.32 | peak |
| 8 | 2494.109 | 47.40 | -0.79 | 46.61 | 54.00 | -7.39 | AVG |
| 9 | 2497.334 | 65.03 | -0.77 | 64.26 | 74.00 | -9.74 | peak |
| 10 | 2497.334 | 47.05 | -0.77 | 46.28 | 54.00 | -7.72 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Horizontal | | |



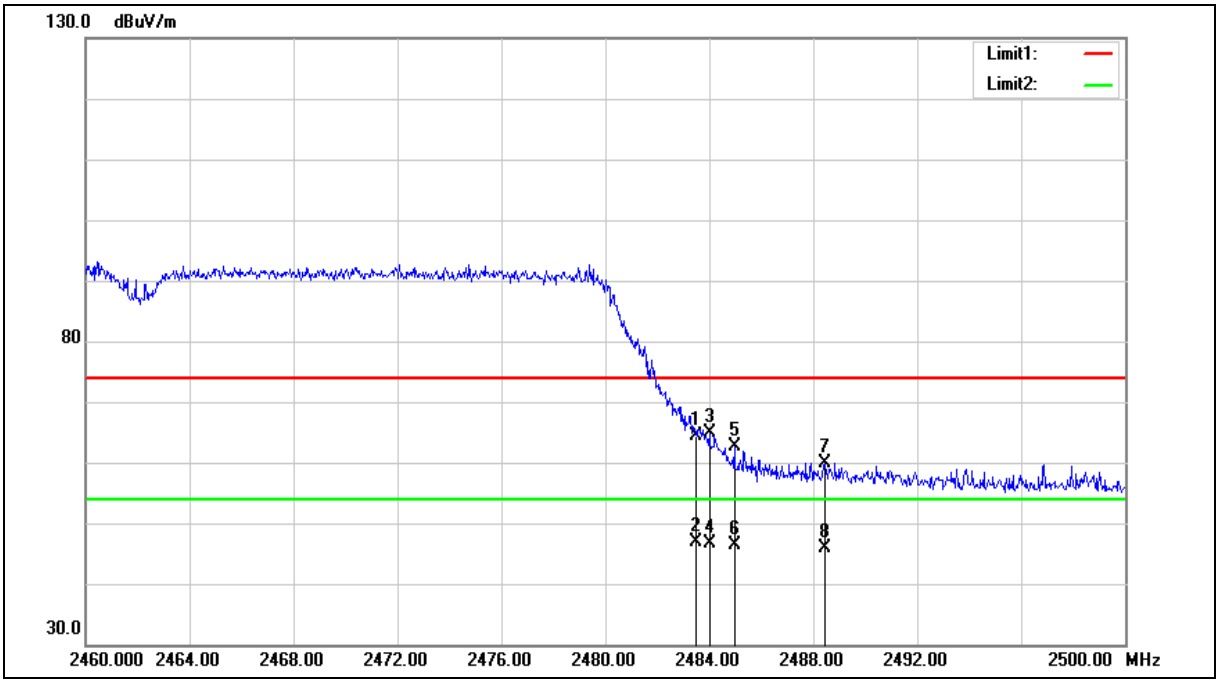

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 61.64 | -0.82 | 60.82 | 74.00 | -13.18 | peak |
| 2 | 2483.500 | 47.00 | -0.82 | 46.18 | 54.00 | -7.82 | AVG |
| 3 | 2484.080 | 59.87 | -0.82 | 59.05 | 74.00 | -14.95 | peak |
| 4 | 2484.080 | 46.70 | -0.82 | 45.88 | 54.00 | -8.12 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Vertical | | |



| | | | |
|---|---|---|---|
| Standard: | FCC Part 15.247 | Test Distance: | 3 m |
| Test item: | Band edge | Power: | DC 3.3 V |
| Frequency: | 2462 MHz | Temp.(℃)/Hum.(%RH): | 26(℃)/60 %RH |
| Mode: | Mode 5 | | |
| Ant.Polar.: | Vertical | | |

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 65.24 | -0.82 | 64.42 | 74.00 | -9.58 | peak |
| 2 | 2483.500 | 47.74 | -0.82 | 46.92 | 54.00 | -7.08 | AVG |
| 3 | 2484.000 | 65.80 | -0.82 | 64.98 | 74.00 | -9.02 | peak |
| 4 | 2484.000 | 47.37 | -0.82 | 46.55 | 54.00 | -7.45 | AVG |
| 5 | 2484.960 | 63.41 | -0.82 | 62.59 | 74.00 | -11.41 | peak |
| 6 | 2484.960 | 47.20 | -0.82 | 46.38 | 54.00 | -7.62 | AVG |
| 7 | 2488.440 | 60.76 | -0.80 | 59.96 | 74.00 | -14.04 | peak |
| 8 | 2488.440 | 46.78 | -0.80 | 45.98 | 54.00 | -8.02 | AVG |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

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