**CTC Laboratories, Inc.**
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China
Tel: +86-755- 27521059 Fax: +86-755- 27521011 Http://www.sz-ctc.org.cn

# TEST REPORT

| | |
|---|---|
| **Report No……:** | **CTC20211721E03** |
| **FCC ID……:** | **2AFIW-SFT1200** |
| **Applicant ..... :** | **GL TECHNOLOGIES (HONG KONG) LIMITED** |
| Address……..... | FLAT/RM 203 2/F BUILDING 19W 19 SCIENCE PARK WEST AVENUE SHATIN NT SHATIN HONG KONG |
| Manufacturer.....: | Shenzhen Guanglianzhitong Tech Co., Ltd |
| Address..... | Room 305-306, Skyworth Digital Building, Shiyan Street, Baoan District, Shenzhen, China |
| **Product Name ..... :** | **AC1200 Wireless Travel Router** |
| Trade Mark ..... : | GL.iNET |
| Model/Type reference..... : | GL-SFT1200 |
| Listed Model(s)..... : | / |
| **Standard ..... :** | **FCC Part 15, Subpart E 15. 407** |
| Date of receipt of test sample…: | Nov. 05, 2021 |
| Date of testing……..: | Nov. 06, 2021 ~ Nov. 24, 2021 |
| Date of issue……....: | Nov. 25, 2021 |
| **Result……:** | **PASS** |

| | | |
|---|---|---|
| Compiled by:<br>(Printed name+signature) | Terry Su |  |
| Supervised by:<br>(Printed name+signature) | Miller Ma |  |
| Approved by:<br>(Printed name+signature) | Totti Zhao |  |

| | |
|---|---|
| **Testing Laboratory Name..... :** | **CTC Laboratories, Inc.** |
| Address ..... : | 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China |

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# 1. TEST SUMMARY

## 1.1. Test Standards

The tests were performed according to following standards:

FCC Part 15, Subpart E(15.407) — for 802.11a/n/ac, the test procedure follows the FCC KDB 789033 D02 General UNII Test Procedures New Rules V02r01.
RSS-247 Issue 2 February 2017 — Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices
RSS-Gen — General Requirements for Compliance of Radio Apparatus

## 1.2. Report version

| Revised No. | Date of issue | Description |
|---|---|---|
| 01 | Nov. 25, 2021 | Original |
| | | |
| | | |
| | | |

## 1.3. Test Description

| FCC Part 15 Subpart E (15.407) / RSS-247 Issue 2 February 2017 | | | | |
|---|---|---|---|---|
| Test Item | Test require | | Result | Test Engineer |
| | FCC | IC | | |
| Antenna Requirement | 15.203 | / | Pass | Alicia Liu |
| Conducted Emission | 15.207 | RSS-Gen 8.8 | Pass | Eva Feng |
| Band Edge Emissions | 15.407(b) | RSS-247 6.2.1.2<br>RSS-247 6.2.2.2<br>RSS-247 6.2.4.2 | Pass | Alicia Liu |
| 26dB Bandwidth & 99% Bandwidth | 15.407(a) (5) | RSS-247 6.2.1.2 | Pass | Alicia Liu |
| 6dB Bandwidth (only for UNII-3) | 15.407(e) | RSS-247 6.2.4.1 | Pass | Alicia Liu |
| Peak Output Power | 15.407(a) | RSS-247 6.2.1.1<br>RSS-247 6.2.4.1 | Pass | Alicia Liu |
| Power Spectral Density | 15.407(a) | RSS-247 6.2 | Pass | Alicia Liu |
| Transmitter Radiated Spurious Emission | 15.407(b)<br>&15.209 | RSS-Gen 8.9<br>RSS-247 6.2.1.2<br>RSS-247 6.2.4.2 | Pass | Alicia Liu |
| Frequency Stability | 15.407(g) | / | Pass | Alicia Liu |
| Dynamic Frequency Selection (DFS) | 15.407(h) | RSS-247 6.3 | N/A | N/A |

Note: “N/A” is not applicable.

The measurement uncertainty is not included in the test result.

## 1.4. Test Facility

**CTC Laboratories, Inc.**

Add: 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

**Laboratory accreditation**

The test facility is recognized, certified, or accredited by the following organizations:

**CNAS-Lab Code: L5365**

CTC Laboratories, Inc. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation. Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025:2017 General Requirements) f or the Competence of Testing and Calibration Laboratories.

**A2LA-Lab Cert. No.: 4340.01**

CTC Laboratories, Inc. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

**Industry Canada (Registration No.: 9783A, CAB Identifier: CN0029)**

CTC Laboratories, Inc. EMC Laboratory has been registered by Certification and Engineer Bureau of Indus try Canada for the performance of with Registration NO.: 9783A on Jan, 2016.

**FCC (Registration No.: 951311, Designation Number CN1208)**

CTC Laboratories, Inc. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained inour files. Registration 951311, Aug 26, 2017.

## 1.5. Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to TR-100028-01" Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 1" and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 2 " and is documented in the CTC Laboratories, Inc. quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Below is the best measurement capability for CTC Laboratories, Inc.

| Test Items | Measurement Uncertainty | Notes |
|---|---|---|
| Transmitter power conducted | 0.42 dB | (1) |
| Transmitter power Radiated | 2.14 dB | (1) |
| Conducted spurious emissions 9kHz~40GHz | 1.60 dB | (1) |
| Radiated spurious emissions 9kHz~40GHz | 2.20 dB | (1) |
| Conducted Emissions 9kHz~30MHz | 3.08 dB | (1) |
| Radiated Emissions 30~1000MHz | 4.51 dB | (1) |
| Radiated Emissions 1~18GHz | 5.84 dB | (1) |
| Radiated Emissions 18~40GHz | 6.12 dB | (1) |
| Occupied Bandwidth | --------- | (1) |

**Note (1):** This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

## 1.6. Environmental conditions

| | | |
|---|---|---|
| **Normal Condition** | Temperature | 22 °C ~ 28°C |
| | Relative humidity | 50% ~ 65% |
| | Voltage | The equipment shall be the nominal voltage for which the equipment was designed. |
| **Extreme Condition** | Temperature | Measurements shall be made over the extremes of the operating temperature range as declared by the manufacturer |
| | Voltage | Measurements shall be made over the extremes of the operating voltage range as declared by the manufacturer |

| | | |
|---|---|---|
| **Normal Condition** | $T_N$=Normal Temperature | 22 °C ~ 28°C |
| **Extreme Condition** | $T_L$=Lower Temperature | 0 °C |
| | $T_H$=Higher Temperature | 40 °C |

# 2. GENERAL INFORMATION

## 2.1. Client Information

| | |
|---|---|
| Applicant: | GL TECHNOLOGIES (HONG KONG) LIMITED |
| Address: | FLAT/RM 203 2/F BUILDING 19W 19 SCIENCE PARK WEST AVENUE SHATIN NT SHATIN HONG KONG |
| Manufacturer: | Shenzhen Guanglianzhitong Tech Co., Ltd |
| Address: | Room 305-306, Skyworth Digital Building, Shiyan Street, Baoan District, Shenzhen, China |

## 2.2. General Description of EUT

| | | | | | |
|---|---|---|---|---|---|
| Product Name: | AC1200 Wireless Travel Router | | | | |
| Trade Mark: | GL.iNET | | | | |
| Model/Type reference: | GL-SFT1200 | | | | |
| Listed Model(s): | / | | | | |
| Power supply: | 5Vdc/3A from AC/DC Adapter | | | | |
| Adapter model: | ICP20-050-3000D<br>Input: 100-240V~ 50/60Hz 0.6A<br>Output: 5Vdc/3A | | | | |
| Hardware version: | V1.0 | | | | |
| Software version: | 3.206 | | | | |
| Antenna technology: | Beamforming Mode | | | | |
| Antenna 1 and 2 type: | External Antenna | | | | |
| Antenna 1 and 2 gain: | U-NII-1: 4.12dBi Max<br>U-NII-3: 4.25dBi Max | | | | |
| Antenna 1 and 2 Directional gain: | U-NII-1: 7.13dBi Max<br>U-NII-3: 7.26dBi Max | | | | |
| **Technical index for 5G WIFI** | | | | | |
| Operation Band: | ☒U-NII-1 | ☐U-NII-2A | ☐U-NII-2C | ☒U-NII-3 | |
| Operation Frequency Range: | U-NII-1: | 5150MHz~5250MHz | | | |
| | U-NII-3: | 5725MHz~5850MHz | | | |
| Support bandwidth: | 802.11a | ☒ 20MHz | | | |
| | 802.11n | ☒ 20MHz | ☒ 40MHz | | |
| | 802.11ac | ☒ 20MHz | ☒ 40MHz | ☒ 80MHz | ☐ 160MHz |
| Modulation: | 802.11a: OFDM (BIT/SK, QPSK, BPSK, 16QAM)<br>802.11n: OFDM (BIT/SK, QPSK, BPSK, 16QAM, 64QAM)<br>802.11ac: OFDM (BIT/SK, QPSK, BPSK, 16QAM, 64QAM, 256QAM) | | | | |
| Bit Rate of Transmitter: | 802.11a: 6/9/12/18/24/36/48/54 Mbps<br>802.11n: up to 300Mbps<br>802.11ac: at most 866.7 Mbps | | | | |

## 2.3. Accessory Equipment information

| Equipment Information | | | |
|---|---|---|---|
| Name | Model | S/N | Manufacturer |
| Notebook | X220 | R9-NCMYL 12/04 | Lenovo |
| / | / | / | / |
| **Cable Information** | | | |
| Name | Shielded Type | Ferrite Core | Length |
| DC Output line | Without | Without | 1M |
| Lan line | Without | Without | 1.2M |
| **Test Software Information** | | | |
| Name | Versions | / | / |
| SecureCRT.exe | 8.7.1 | / | / |

## 2.4. Operation state

Operation Frequency List:

| Band (MHz) | 20MHz Bandwidth | | 40MHz Bandwidth | | 80MHz Bandwidth | |
|---|---|---|---|---|---|---|
| | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| U-NII-1 | 36 | 5180 | 38 | 5190 | 42 | 5210 |
| | 40 | 5200 | | | | |
| | 44 | 5220 | 46 | 5230 | | |
| | 48 | 5240 | | | | |
| U-NII-3 | 149 | 5745 | 151 | 5755 | 155 | 5775 |
| | 153 | 5765 | | | | |
| | 157 | 5785 | 159 | 5795 | | |
| | 161 | 5805 | | | | |
| | 165 | 5825 | | | | |

Test channel is below:

| Operating Band | Test Channel | 20MHz | | 40MHz | | 80MHz | |
|---|---|---|---|---|---|---|---|
| | | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| U-NII-1 | $CH_L$ | 36 | 5180 | 38 | 5190 | / | / |
| | $CH_M$ | 40 | 5200 | / | / | 42 | 5210 |
| | $CH_H$ | 48 | 5240 | 46 | 5230 | / | / |
| U-NII-3 | $CH_L$ | 149 | 5745 | 151 | 5755 | / | / |
| | $CH_M$ | 157 | 5785 | / | / | 155 | 5775 |
| | $CH_H$ | 165 | 5825 | 159 | 5795 | / | / |

Data Rated

Preliminary tests were performed in different data rate, and found which the below bit rate is worst case mode, so only show data which it is a worst case mode.

| Mode | Data rate (worst mode) |
|---|---|
| 802.11a | 6Mbps |
| 802.11n(HT20)/ 802.11n(HT40) | HT-MCS0 |
| 802.11ac(VHT20)/ 802.11ac(VHT40)/ 802.11ac(VHT80) | VHT-MCS0 |

Test mode

| |
|---|
| For RF test items |
| The engineering test program was provided and enabled to make EUT continuous transmit. |
| For AC power line conducted emissions: |
| The EUT was set to connect with the WLAN AP under large package sizes transmission. |
| For Radiated spurious emissions test item: |
| The engineering test program was provided and enabled to make EUT continuous transmit. The EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data Recorded in the report. |
| For DFS test items |
| The EUT has been tested under test mode condition. The Applicant provides software to control the EUT for staying in DFS mode for testing. |

## 2.5. Measurement Instruments List

| Tonscend JS0806-2 Test system | | | | | |
|---|---|---|---|---|---|
| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Calibrated until |
| 1 | Spectrum Analyzer | KEYSIGHT | N9020A | 100231 | Dec. 25, 2021 |
| 2 | Spectrum Analyzer | Rohde & Schwarz | FUV40-N | 101331 | Mar. 15, 2022 |
| 3 | MXG Vector Signal Generator | Agilent | N5182A | MY47420864 | Dec. 25, 2021 |
| 4 | Signal Generator | Agilent | E8257D | MY46521908 | Dec. 25, 2021 |
| 5 | Power Sensor | Agilent | U2021XA | MY5365004 | Mar. 15, 2022 |
| 6 | Power Sensor | Agilent | U2021XA | MY5365006 | Mar. 15, 2022 |
| 7 | High and low temperature box | ESPEC | MT3035 | N/A | Mar. 24, 2022 |
| 8 | Wideband Radio Communication Tester | Rohde & Schwarz | CMW500 | 102414 | Dec. 25, 2021 |
| 9 | 300328 v2.2.2 test system | TONSCEND | v2.6 | / | / |

| Radiated emission(3m chamber 2) | | | | | |
|---|---|---|---|---|---|
| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Calibrated Until |
| 1 | Trilog-Broadband Antenna | Schwarzbeck | VULB 9168 | 9168-1013 | Jan. 12, 2022 |
| 2 | Horn Antenna | Schwarzbeck | BBHA 9120D | 9120D-647 | Dec. 24, 2021 |
| 3 | Spectrum Analyzer | R&S | FSU26 | 100105 | Dec. 25, 2021 |
| 4 | Spectrum Analyzer | R&S | FSV40-N | 101331 | Mar. 15, 2022 |
| 5 | Pre-Amplifier | SONOMA | 310 | 186194 | Dec. 25, 2021 |
| 6 | Low Noise Pre-Amplifier | EMCI | EMC051835 | 980075 | Dec. 25, 2021 |
| 7 | Test Receiver | R&S | ESCI7 | 100967 | Dec. 25, 2021 |

| Radiated emission(3m chamber 3) | | | | | |
|---|---|---|---|---|---|
| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Calibrated Until |
| 1 | Trilog-Broadband Antenna | Schwarzbeck | VULB 9168 | 9168-759 | Nov. 09, 2022 |
| 2 | Horn Antenna | Schwarzbeck | BBHA 9120D | 9120D-647 | Dec. 24, 2021 |
| 3 | Test Receiver | Keysight | N9038A | MY56400071 | Dec. 25, 2021 |
| 4 | Broadband Premplifier | SCHWARZBECK | BBV9743B | 259 | Dec. 25, 2021 |
| 5 | Mirowave Broadband Amplifier | SCHWARZBECK | BBV9718C | 111 | Dec. 25, 2021 |

| Conducted Emission | | | | | |
|---|---|---|---|---|---|
| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Calibrated until |
| 1 | LISN | R&S | ENV216 | 101112 | Dec. 25, 2021 |
| 2 | LISN | R&S | ENV216 | 101113 | Dec. 25, 2021 |
| 3 | EMI Test Receiver | R&S | ESCS30 | 100353 | Dec. 25, 2021 |

Note: 1. The Cal. Interval was one year.
2. The cable loss has calculated in test result which connection between each test instruments.

# 3. TEST ITEM AND RESULTS

## 3.1. Conducted Emission

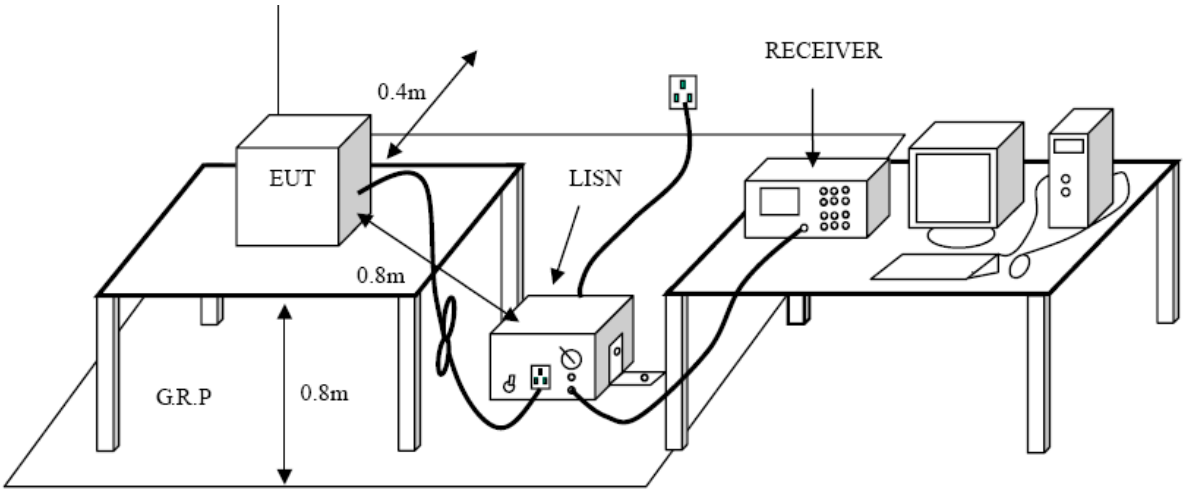
**Limit**

**FCC CFR Title 47 Part 15 Subpart C Section 15.207/ RSS – Gen 8.8:**

| Frequency range (MHz) | Limit (dBuV) | |
|---|---|---|
| | Quasi-peak | Average |
| 0.15-0.5 | 66 to 56* | 56 to 46* |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

* Decreases with the logarithm of the frequency.

**Test Configuration**




**Test Procedure**

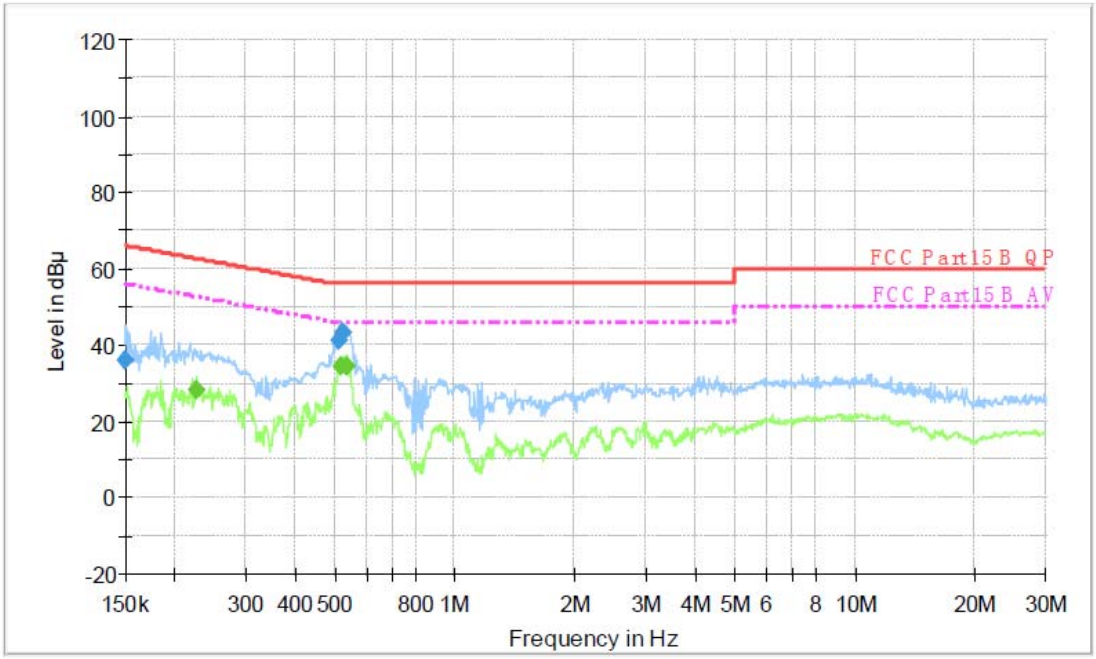
1. The EUT was setup according to ANSI C63.10:2013 requirements.
2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface.
3. The EUT and simulators are connected to the main power through a line impedances stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment.
   The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
4. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
5. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
6. Conducted Emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
7. During the above scans, the emissions were maximized by cable manipulation.

**Test Mode**

Please refer to the clause 2.4.

**Test Results**

| | |
|---|---|
| **Test Voltage:** | AC 120V/60 Hz |
| **Terminal:** | Line |




## Final Measurement Detector 1

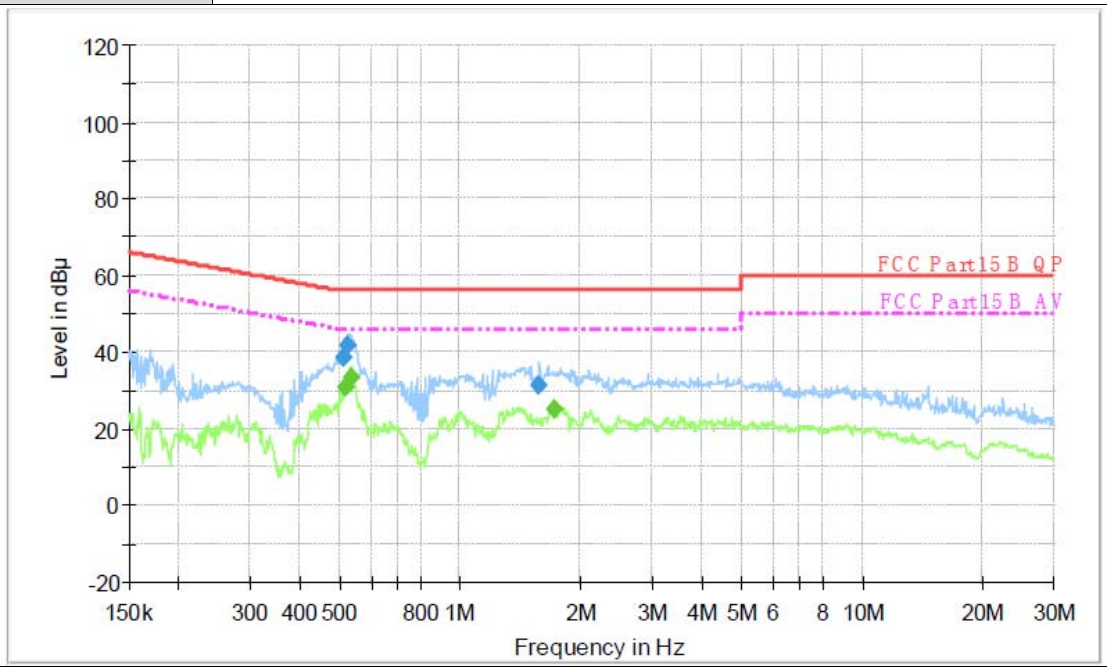
| Frequency (MHz) | QuasiPeak (dBµ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBµ V) | Comment |
|---|---|---|---|---|---|---|---|---|---|
| 0.150600 | 36.0 | 1000.00 | 9.000 | On | L1 | 9.7 | 30.0 | 66.0 | |
| 0.512950 | 41.2 | 1000.00 | 9.000 | On | L1 | 9.7 | 14.8 | 56.0 | |
| 0.525380 | 43.3 | 1000.00 | 9.000 | On | L1 | 9.7 | 12.7 | 56.0 | |

## Final Measurement Detector 2

| Frequency (MHz) | Average (dBµ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBµ V) | Comment |
|---|---|---|---|---|---|---|---|---|---|
| 0.227190 | 28.2 | 1000.00 | 9.000 | On | L1 | 9.7 | 24.4 | 52.6 | |
| 0.519130 | 34.5 | 1000.00 | 9.000 | On | L1 | 9.7 | 11.5 | 46.0 | |
| 0.538120 | 34.7 | 1000.00 | 9.000 | On | L1 | 9.7 | 11.3 | 46.0 | |

Emission Level= Read Level+ Correct Factor

| | |
|---|---|
| **Test Voltage:** | AC 120V/60 Hz |
| **Terminal:** | Neutral |




## Final Measurement Detector 1

| Frequency (MHz) | QuasiPeak (dBµ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBµ V) | Comment |
|---|---|---|---|---|---|---|---|---|---|
| 0.515000 | 38.8 | 1000.00 | 9.000 | On | N | 10.0 | 17.2 | 56.0 | |
| 0.525380 | 41.6 | 1000.00 | 9.000 | On | N | 10.0 | 14.4 | 56.0 | |
| 1.574880 | 31.2 | 1000.00 | 9.000 | On | N | 10.0 | 24.8 | 56.0 | |

## Final Measurement Detector 2

| Frequency (MHz) | Average (dBµ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBµ V) | Comment |
|---|---|---|---|---|---|---|---|---|---|
| 0.517060 | 30.7 | 1000.00 | 9.000 | On | N | 10.0 | 15.3 | 46.0 | |
| 0.535980 | 33.6 | 1000.00 | 9.000 | On | N | 10.0 | 12.4 | 46.0 | |
| 1.719450 | 25.1 | 1000.00 | 9.000 | On | N | 10.0 | 20.9 | 46.0 | |

Emission Level= Read Level+ Correct Factor

## 3.2. Radiated Emission

**Limit**

**FCC CFR Title 47 Part 15 Subpart C Section 15.209/ RSS-Gen 8.9**

| Frequency | Limit (dBuV/m @3m) | Value |
|---|---|---|
| 30 MHz ~ 88 MHz | 40.00 | Quasi-peak |
| 88 MHz ~ 216 MHz | 43.50 | Quasi-peak |
| 216 MHz ~ 960 MHz | 46.00 | Quasi-peak |
| 960 MHz ~ 1 GHz | 54.00 | Quasi-peak |
| Above 1 GHz | 54.00 | Average |
| | 74.00 | Peak |

**Note:**

(1) The tighter limit applies at the band edges.

(2) Emission Level (dBuV/m)= 20log Emission Level (uV/m).

**Limits of unwanted emission out of the restricted bands**

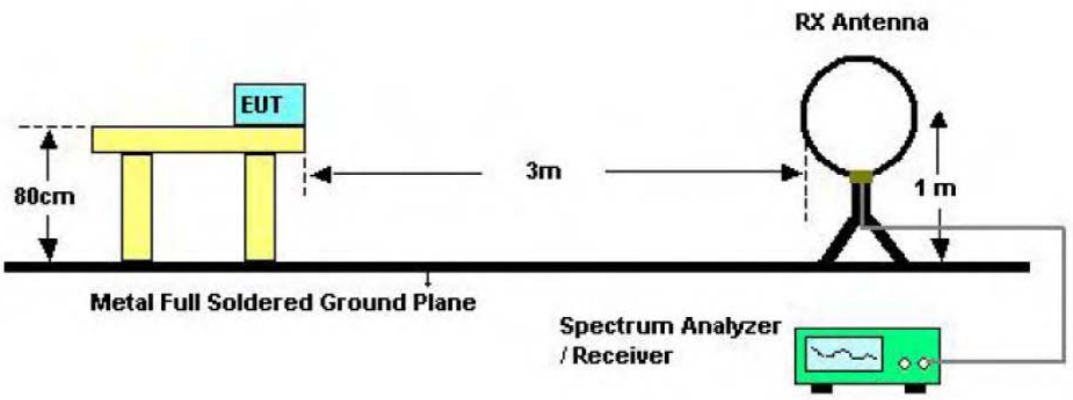
**FCC CFR Title 47 Part 15 Subpart C Section 15.407(b)/ RSS-247 6.2.1.2 & RSS-247 6.2.4.2**

| Frequency (MHz) | EIRP Limits (dBm) | Equivalent Field Strength at 3m (dBuV/m) |
|---|---|---|
| 5150~5250 | -27 | 68.2 |
| 5250~5350 | -27 | 68.2 |
| 5470~5725 | -27 | 68.2 |
| 5725~5825 | -27(Note 2) | 68.2 |
| | 10(Note 2) | 105.2 |
| | 15.6(Note 2) | 110.8 |
| | 27(Note 2) | 122.2 |

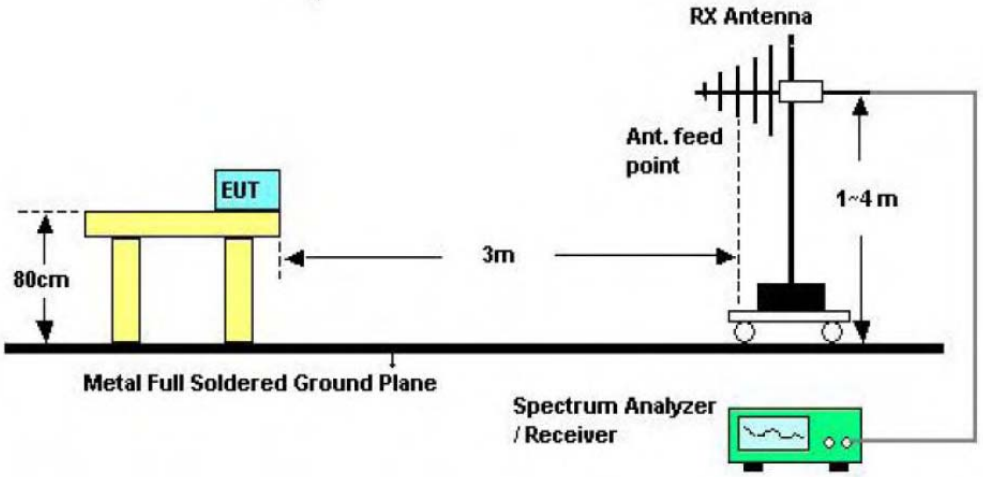
Note: 1. The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: E= $\frac{1000000\sqrt{30P}}{3}$ uV/m, where P is the eirp (Watts)

2. According to FCC 16-24, All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

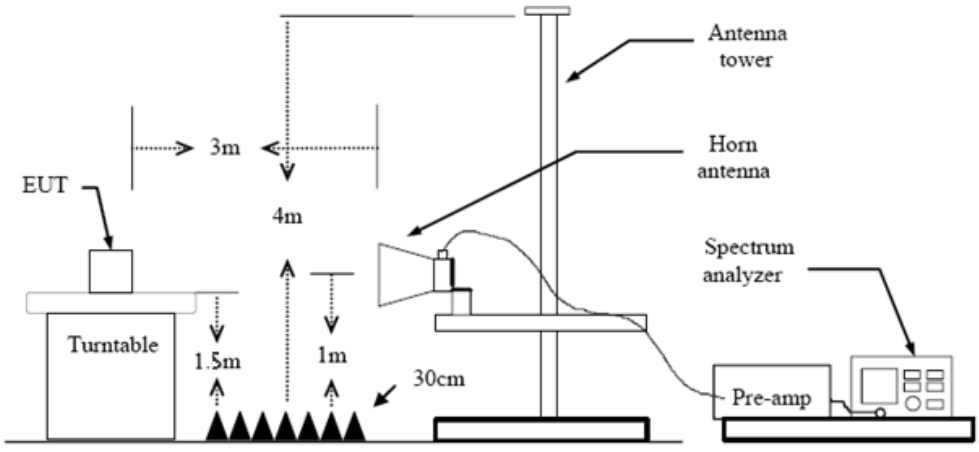
**Test Configuration**




Below 30MHz Test Setup




Below 1000MHz Test Setup




Above 1GHz Test Setup

**Test Procedure**

1. The EUT was setup and tested according to ANSI C63.10:2013
2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.

3. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower.
4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
5. Set to the maximum power setting and enable the EUT transmit continuously.
6. Use the following spectrum analyzer settings
   (1) Span shall wide enough to fully capture the emission being measured;
   (2) Below 1 GHz:
   RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold;
   If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
   (3) From 1 GHz to 40GHz:
   RBW=1MHz, VBW=3MHz Peak detector for Peak value.
   RBW=1MHz, VBW≥1/T Peak detector for Average value.
   Note 1: For the 1/T& Duty Cycle please refer to clause Duty Cycle.

**Test Mode**

Please refer to the clause 2.4.

**Test Result**

**9 KHz~30 MHz**

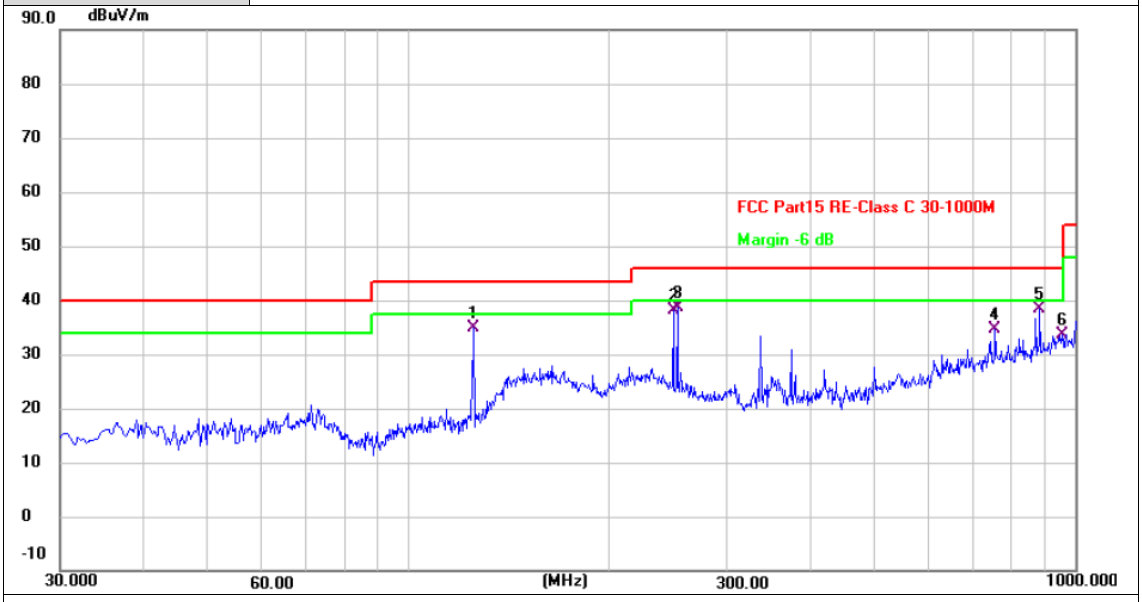
From 9 KHz to 30 MHz: Conclusion: PASS

Note: The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

*Pre-scan all antenna, only show the test data for worse case antenna on the test report.*

**30MHz-1GHz**

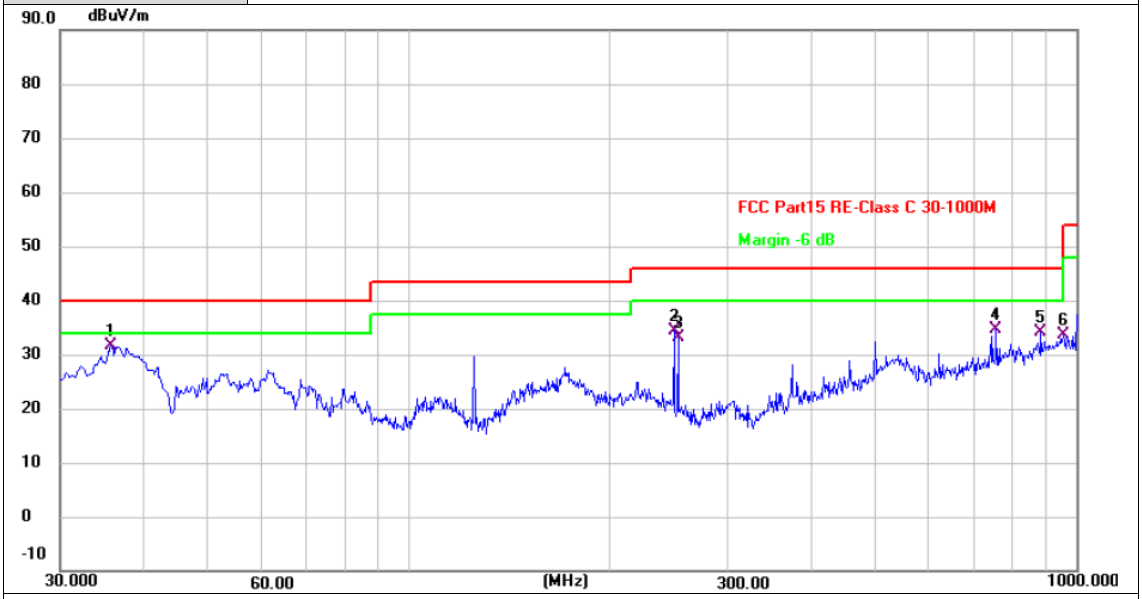
| | |
|---|---|
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX Ant 1 + Ant 2 802.11a Mode 5180MHz (U-NII-1) |
| **Remark:** | Only worse case is reported |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 125.0600 | 50.87 | -16.00 | 34.87 | 43.50 | -8.63 | QP |
| 2 | 249.8667 | 54.28 | -16.19 | 38.09 | 46.00 | -7.91 | QP |
| 3 * | 253.1000 | 54.63 | -16.06 | 38.57 | 46.00 | -7.43 | QP |
| 4 | 759.4400 | 38.01 | -3.46 | 34.55 | 46.00 | -11.45 | QP |
| 5 | 887.4800 | 40.38 | -1.90 | 38.48 | 46.00 | -7.52 | QP |
| 6 | 958.2900 | 34.13 | -0.54 | 33.59 | 46.00 | -12.41 | QP |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

| | |
|---|---|
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX Ant 1 + Ant 2 802.11a Mode 5180MHz (U-NII-1) |
| **Remark:** | Only worse case is reported |

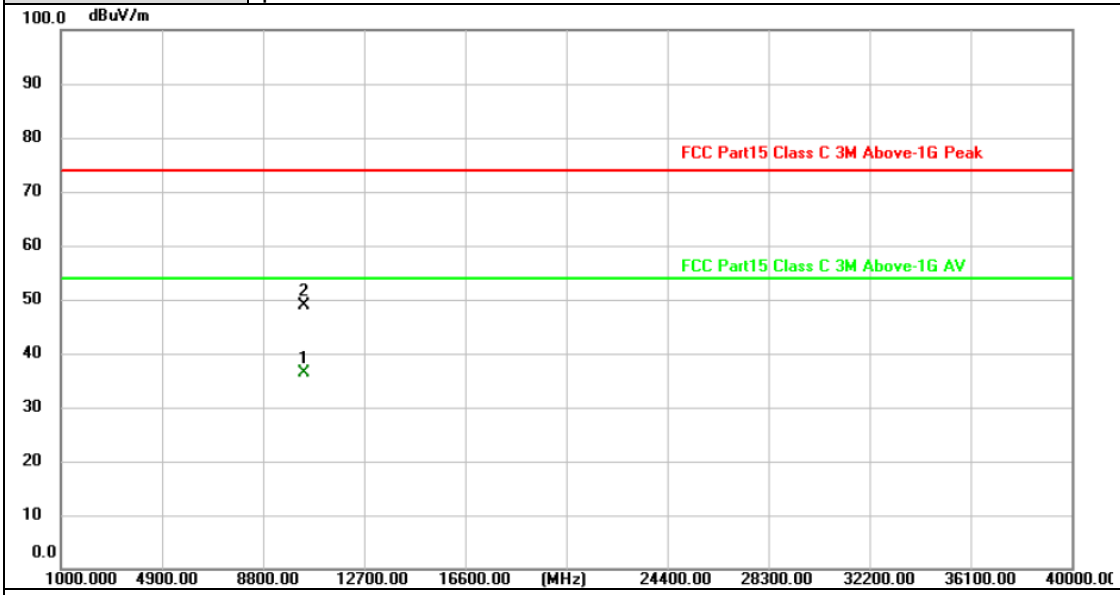



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 35.8200 | 46.35 | -14.61 | 31.74 | 40.00 | -8.26 | QP |
| 2 | 249.8667 | 50.57 | -16.19 | 34.38 | 46.00 | -11.62 | QP |
| 3 | 253.1000 | 49.23 | -16.06 | 33.17 | 46.00 | -12.83 | QP |
| 4 | 759.4400 | 38.07 | -3.46 | 34.61 | 46.00 | -11.39 | QP |
| 5 | 887.4800 | 36.05 | -1.90 | 34.15 | 46.00 | -11.85 | QP |
| 6 | 957.3200 | 34.15 | -0.54 | 33.61 | 46.00 | -12.39 | QP |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

**Above 1GHz**

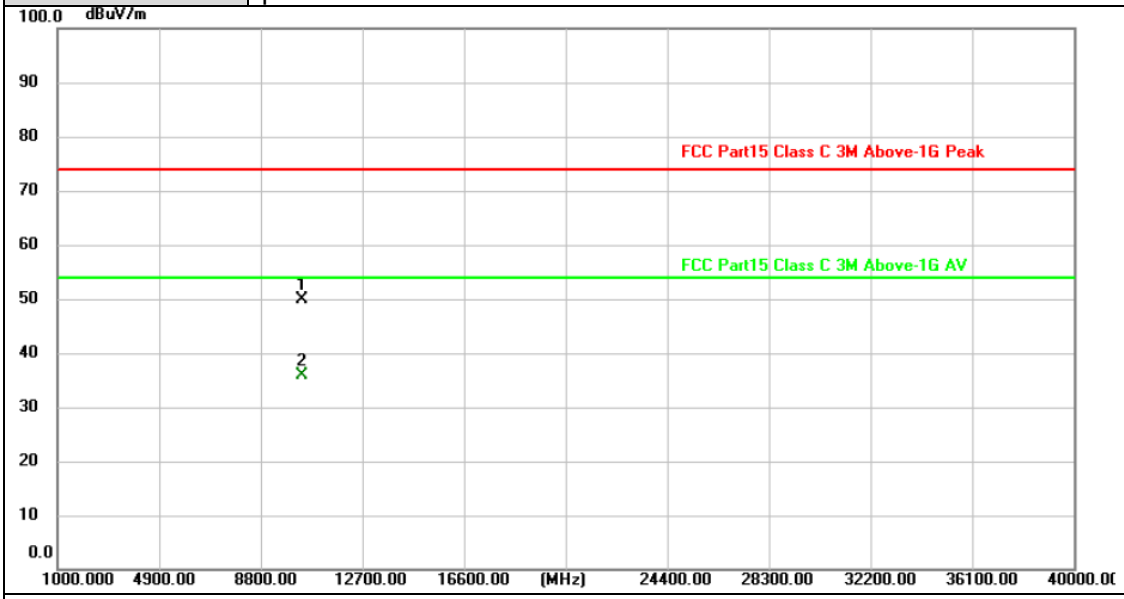
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11a Mode 5180MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10359.378 | 33.20 | 3.20 | 36.40 | 54.00 | -17.60 | AVG |
| 2 | 10359.488 | 45.72 | 3.20 | 48.92 | 74.00 | -25.08 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

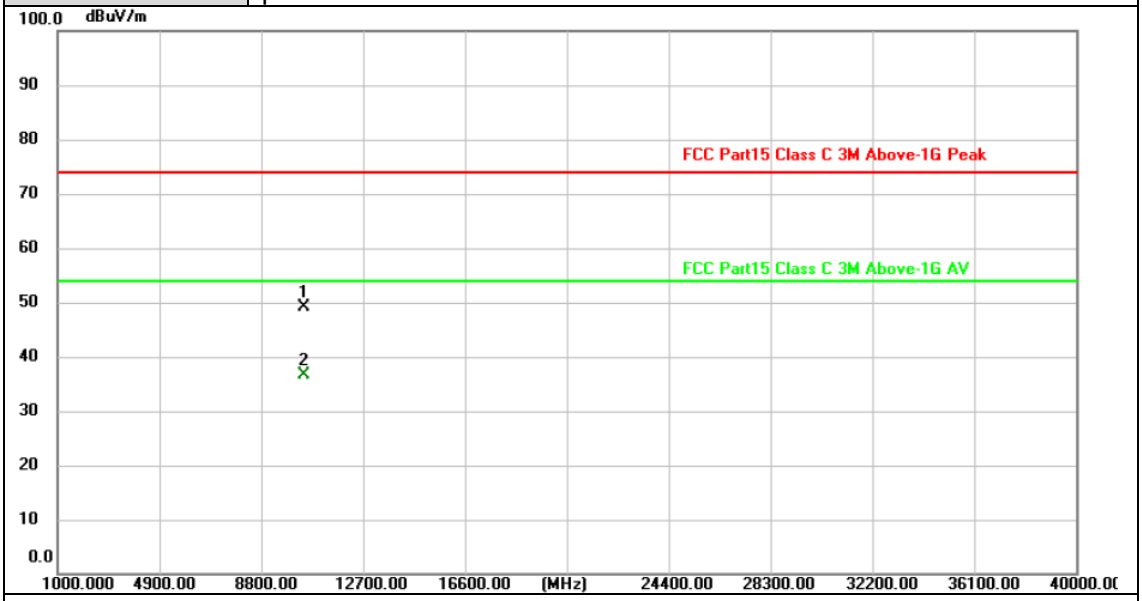
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11a Mode 5180MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 10359.412 | 46.66 | 3.20 | 49.86 | 74.00 | -24.14 | peak |
| 2 * | 10359.648 | 32.73 | 3.20 | 35.93 | 54.00 | -18.07 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

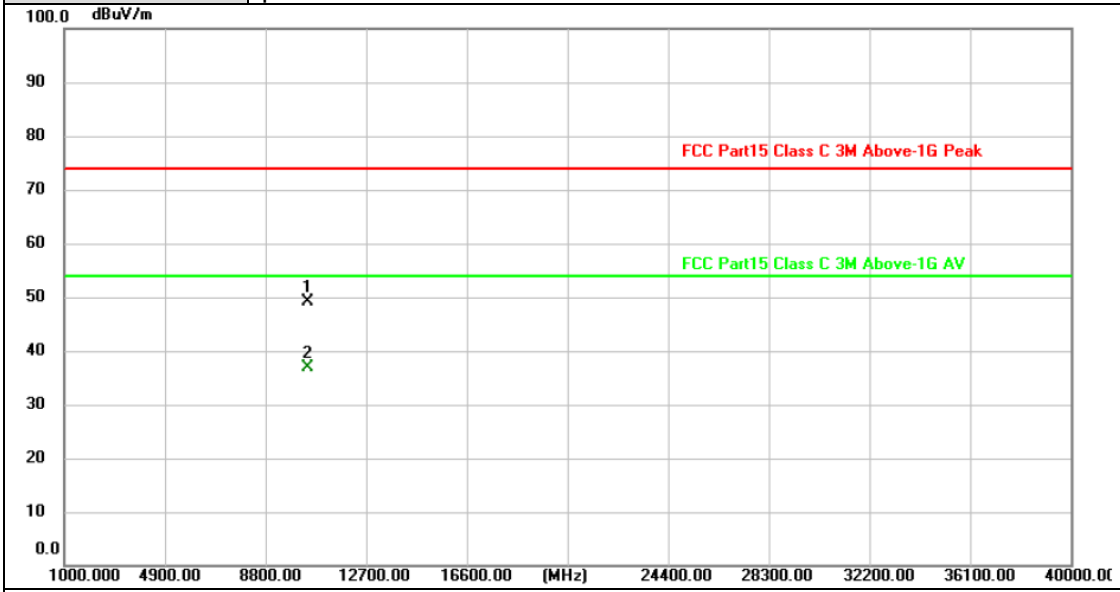
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11a Mode 5200MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 10399.800 | 45.98 | 3.16 | 49.14 | 74.00 | -24.86 | peak |
| 2 * | 10400.642 | 33.59 | 3.15 | 36.74 | 54.00 | -17.26 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

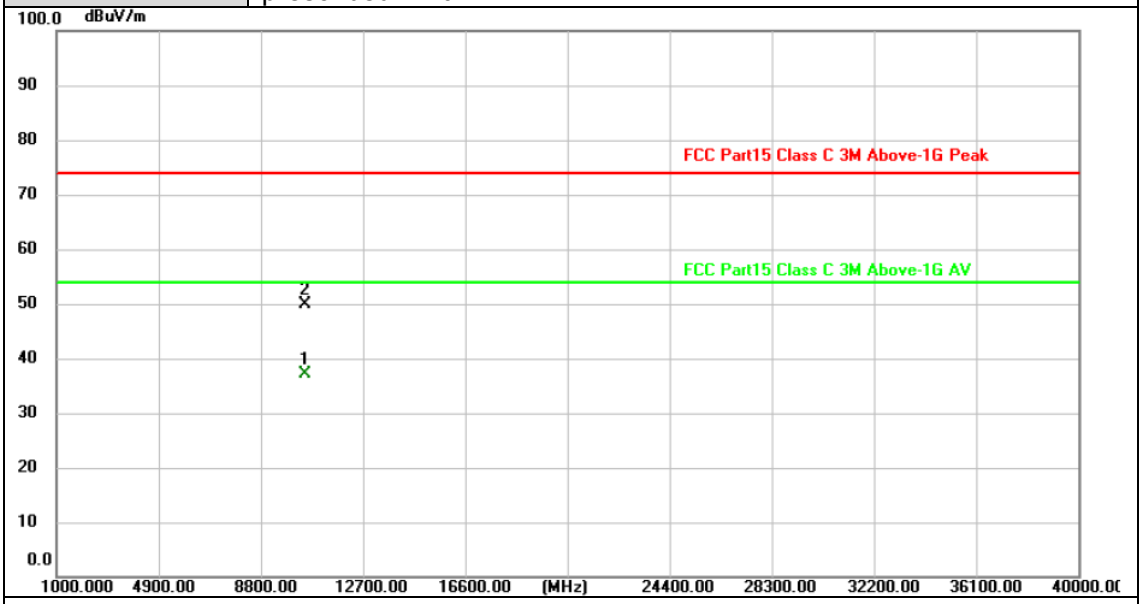
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11a Mode 5200MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 10399.648 | 45.97 | 3.16 | 49.13 | 74.00 | -24.87 | peak |
| 2 * | 10400.550 | 33.62 | 3.15 | 36.77 | 54.00 | -17.23 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

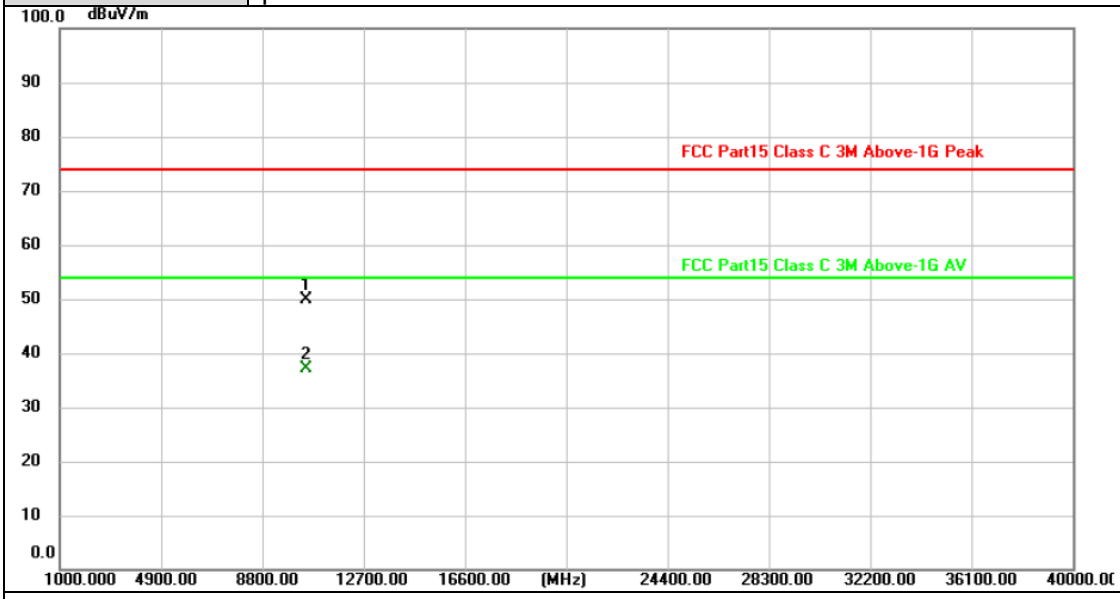
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11a Mode 5240MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10479.164 | 33.99 | 3.07 | 37.06 | 54.00 | -16.94 | AVG |
| 2 | 10480.632 | 46.79 | 3.07 | 49.86 | 74.00 | -24.14 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

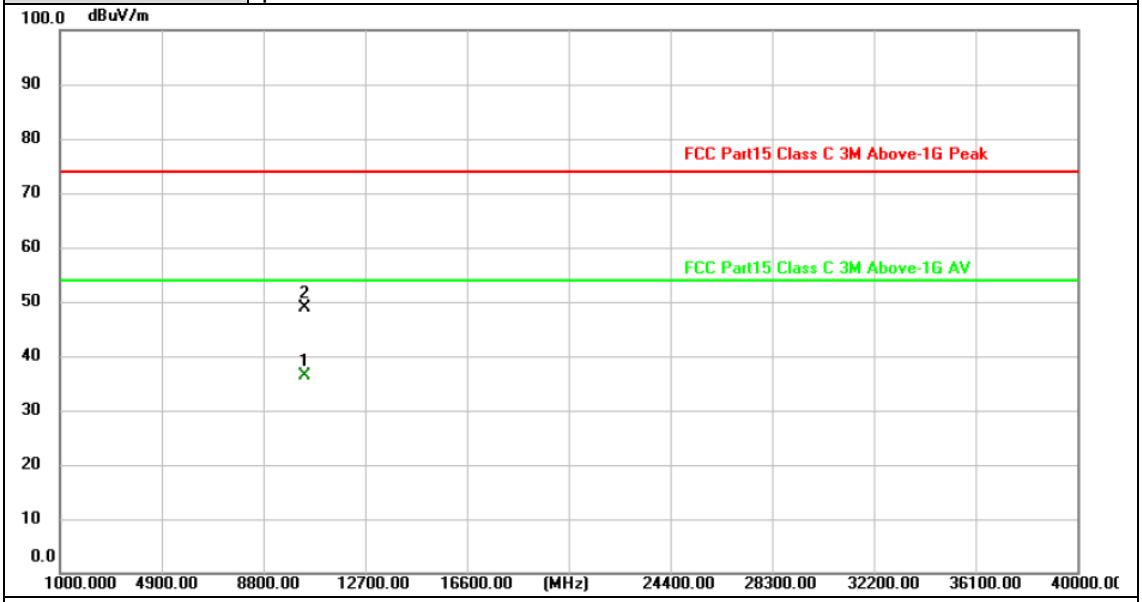
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11a Mode 5240MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 10479.818 | 46.77 | 3.07 | 49.84 | 74.00 | -24.16 | peak |
| 2 * | 10479.892 | 34.13 | 3.07 | 37.20 | 54.00 | -16.80 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

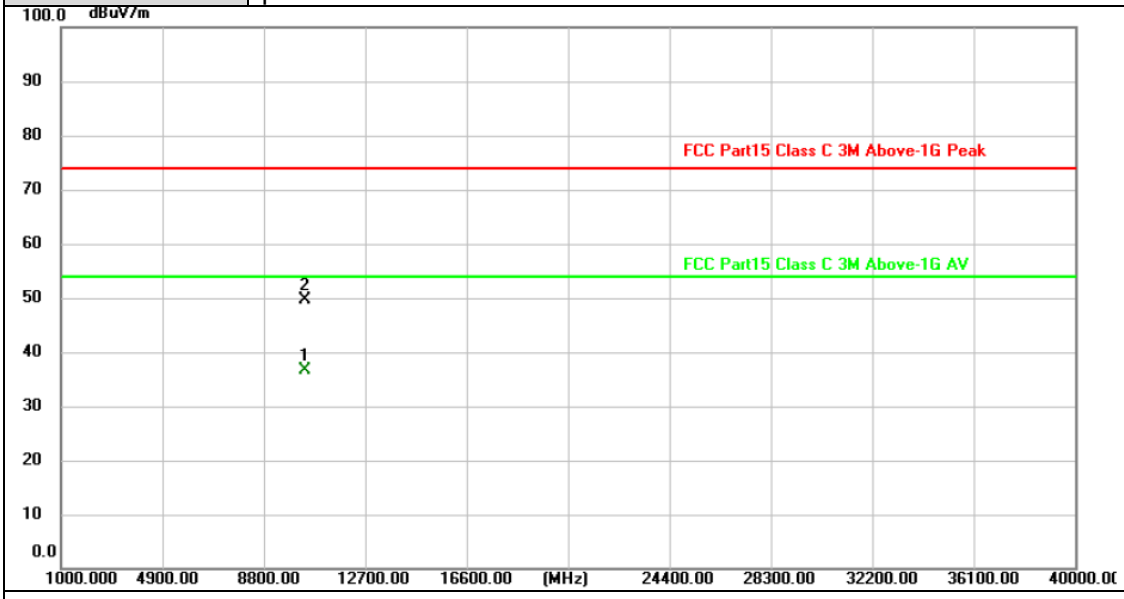
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT20) Mode 5180MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10360.456 | 33.07 | 3.20 | 36.27 | 54.00 | -17.73 | AVG |
| 2 | 10360.984 | 45.58 | 3.20 | 48.78 | 74.00 | -25.22 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

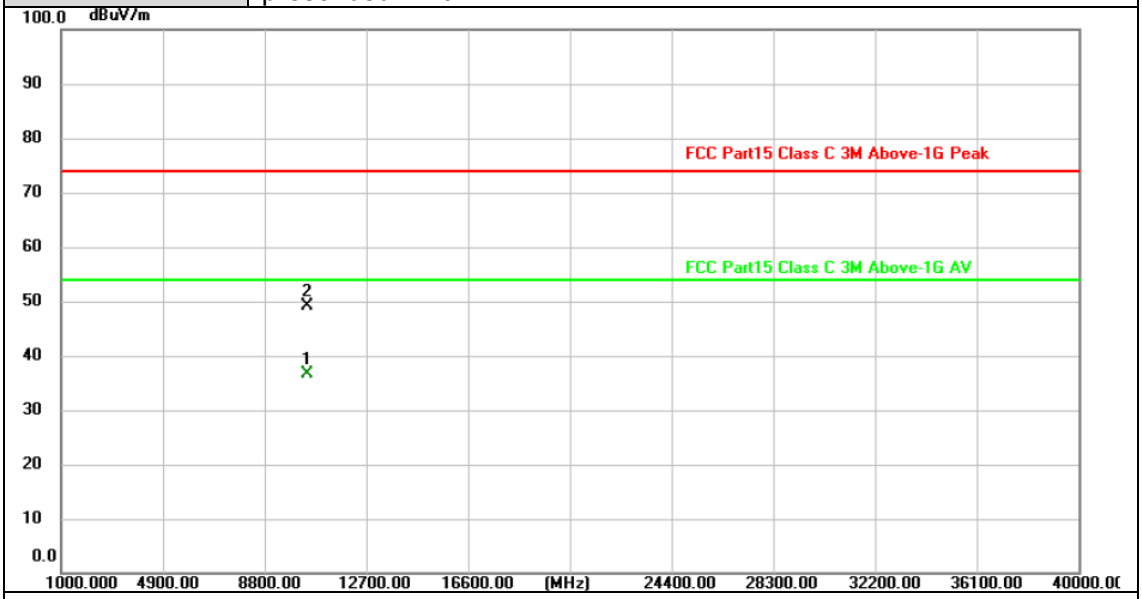
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT20) Mode 5180MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10359.988 | 33.54 | 3.20 | 36.74 | 54.00 | -17.26 | AVG |
| 2 | 10360.624 | 46.35 | 3.20 | 49.55 | 74.00 | -24.45 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

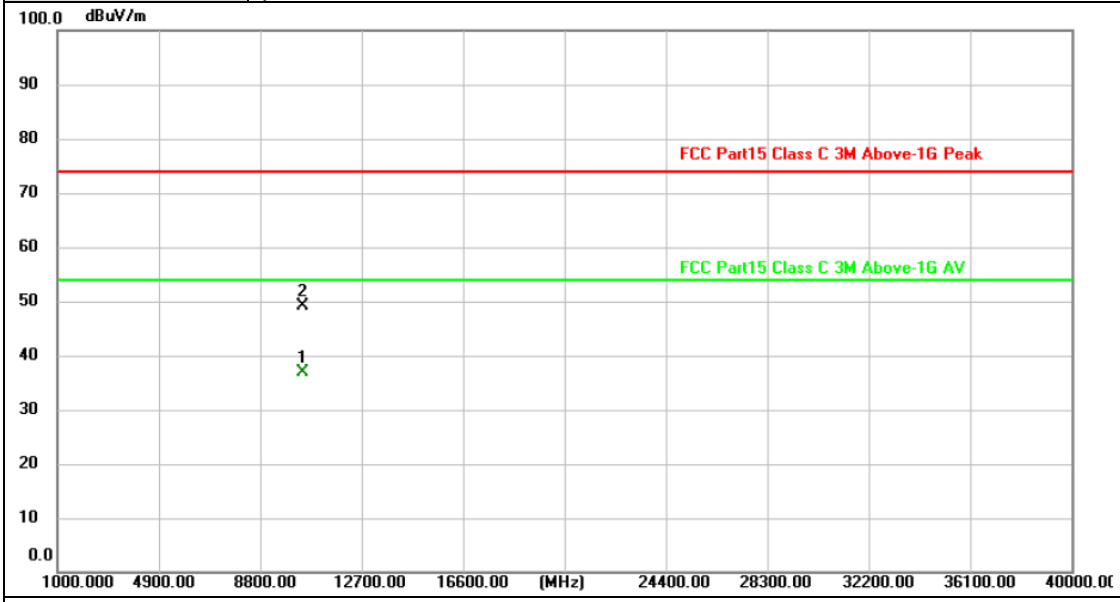
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT20) Mode 5200MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10399.248 | 33.39 | 3.16 | 36.55 | 54.00 | -17.45 | AVG |
| 2 | 10400.914 | 45.99 | 3.15 | 49.14 | 74.00 | -24.86 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

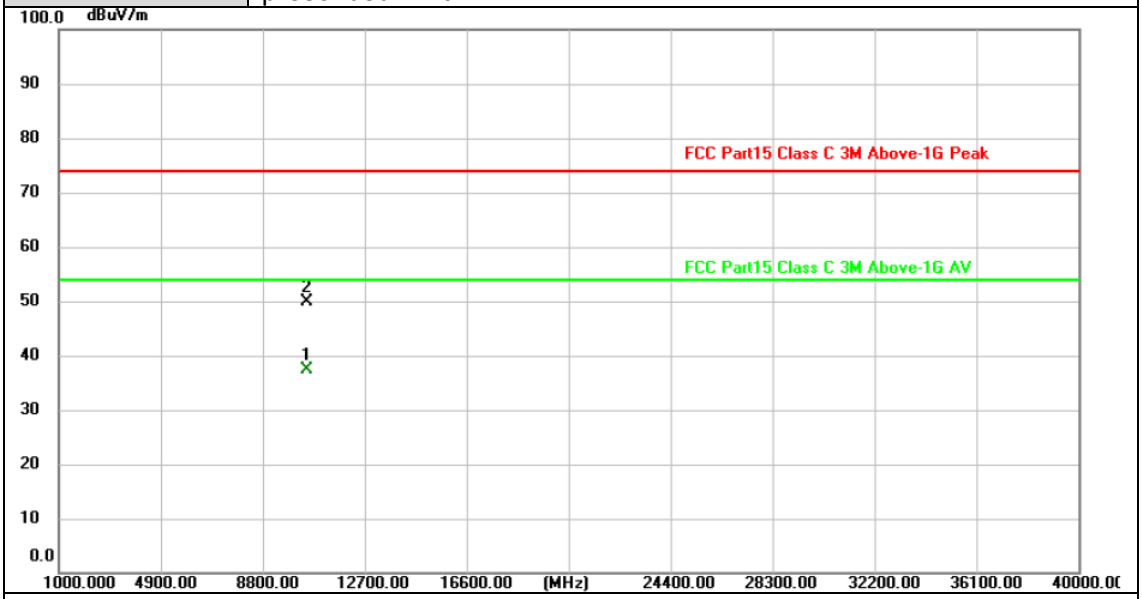
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT20) Mode 5200MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10399.066 | 33.65 | 3.16 | 36.81 | 54.00 | -17.19 | AVG |
| 2 | 10400.996 | 45.95 | 3.15 | 49.10 | 74.00 | -24.90 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

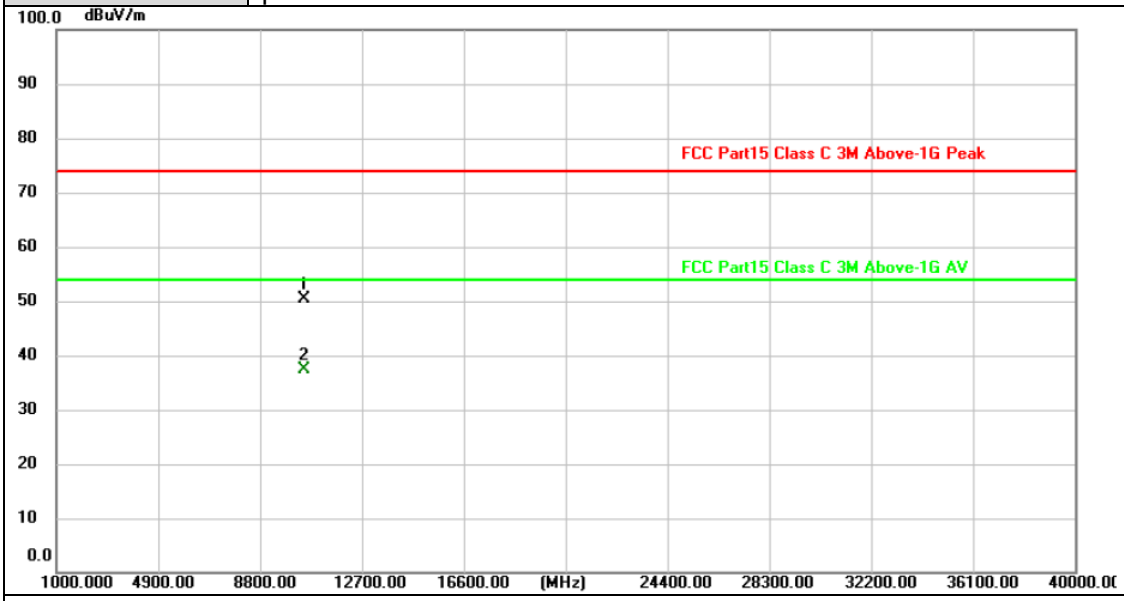
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT20) Mode 5240MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10479.120 | 34.33 | 3.08 | 37.41 | 54.00 | -16.59 | AVG |
| 2 | 10480.824 | 46.86 | 3.07 | 49.93 | 74.00 | -24.07 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

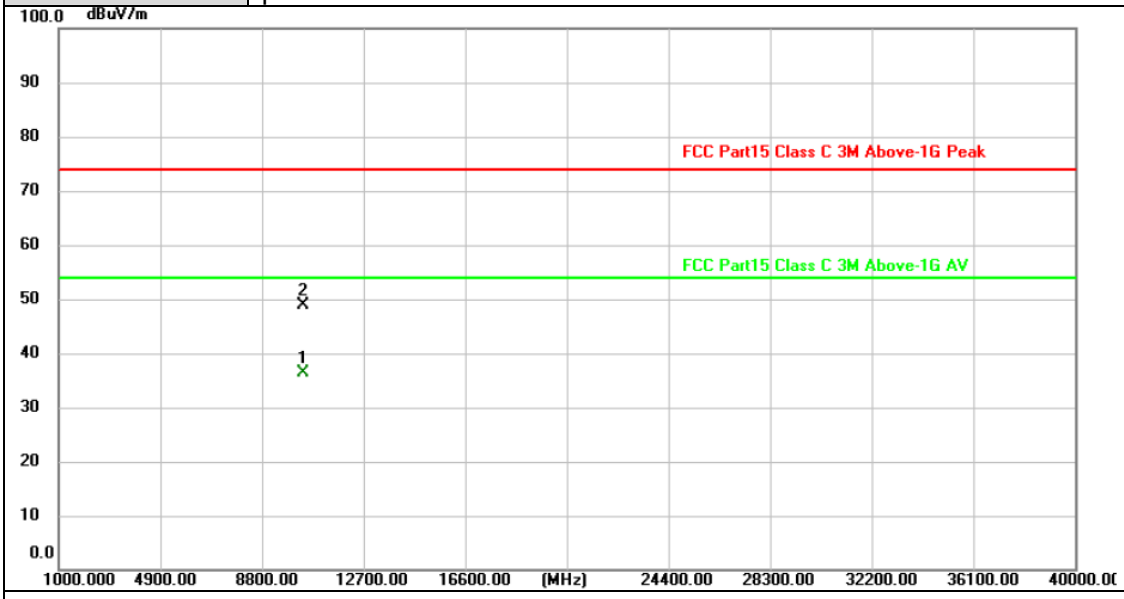
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT20) Mode 5240MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 10479.192 | 47.31 | 3.07 | 50.38 | 74.00 | -23.62 | peak |
| 2 * | 10479.450 | 34.30 | 3.07 | 37.37 | 54.00 | -16.63 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

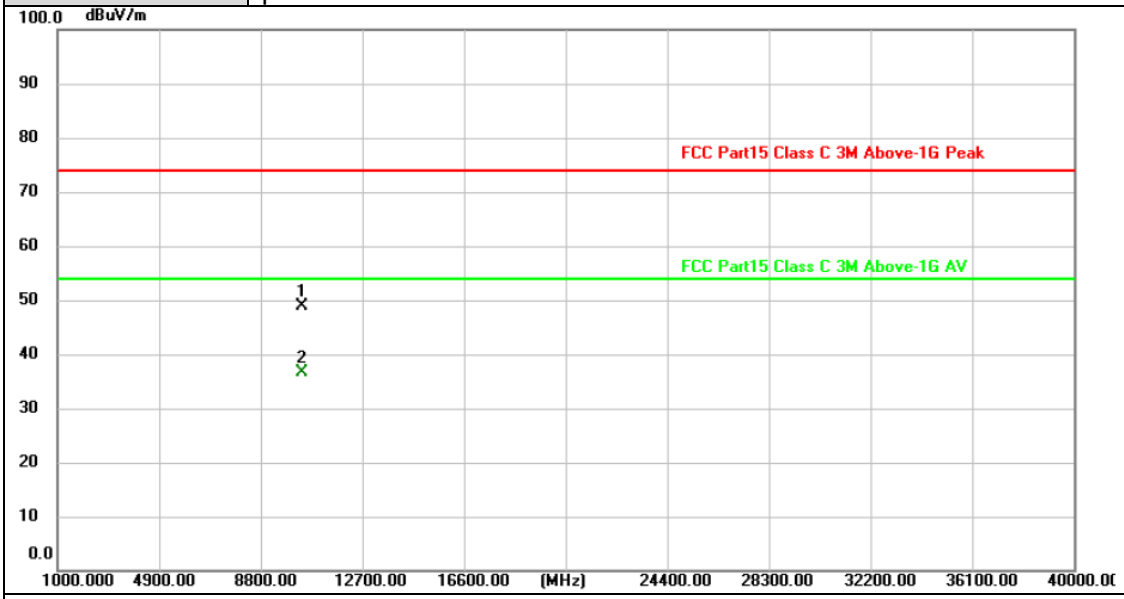
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5180MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10360.698 | 33.18 | 3.20 | 36.38 | 54.00 | -17.62 | AVG |
| 2 | 10360.946 | 45.63 | 3.20 | 48.83 | 74.00 | -25.17 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

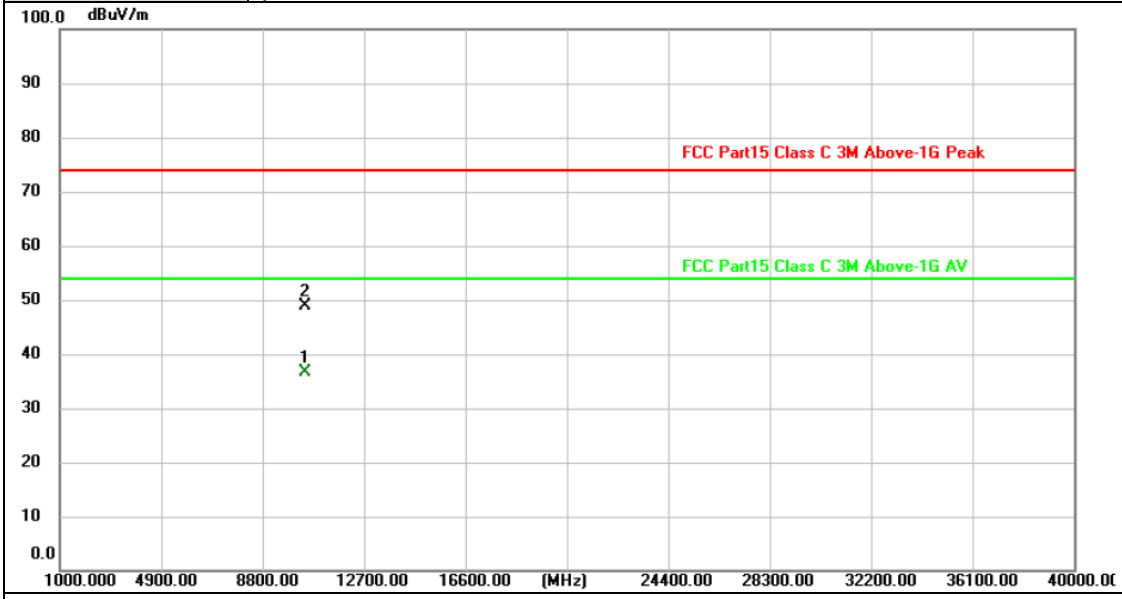
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5180MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 10359.236 | 45.64 | 3.20 | 48.84 | 74.00 | -25.16 | peak |
| 2 * | 10360.598 | 33.55 | 3.20 | 36.75 | 54.00 | -17.25 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

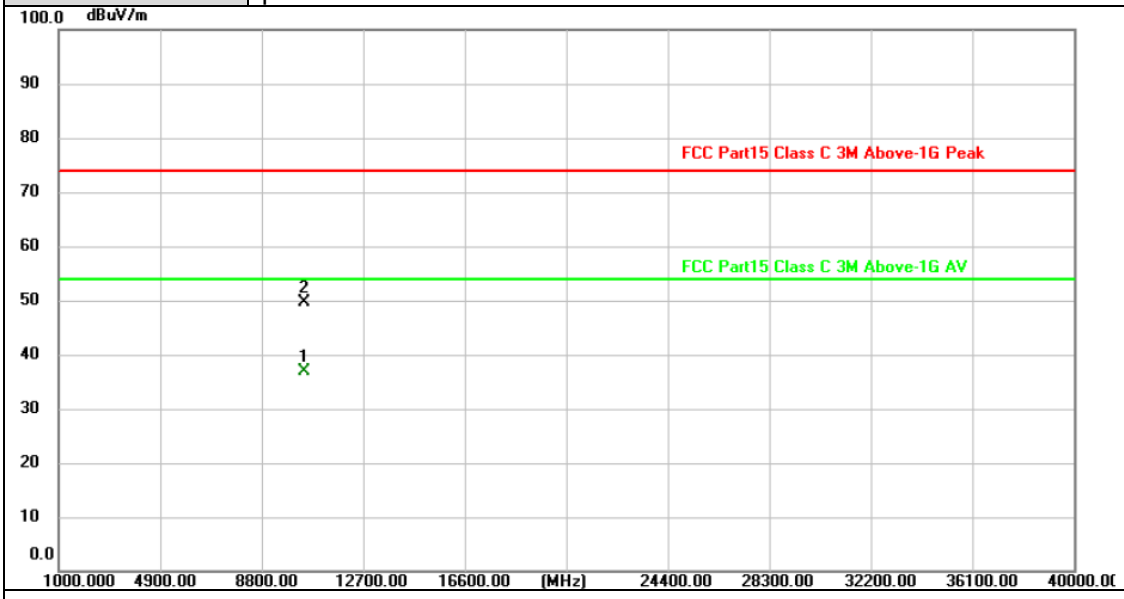
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5200MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10400.652 | 33.54 | 3.15 | 36.69 | 54.00 | -17.31 | AVG |
| 2 | 10400.768 | 45.63 | 3.15 | 48.78 | 74.00 | -25.22 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

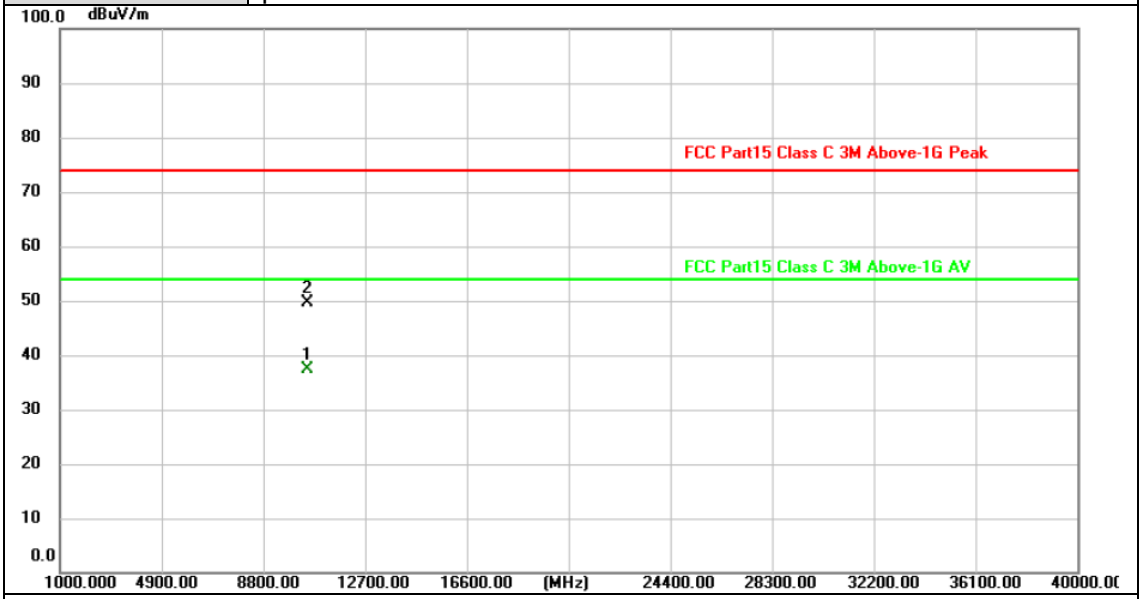
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5200MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10399.314 | 33.81 | 3.16 | 36.97 | 54.00 | -17.03 | AVG |
| 2 | 10399.566 | 46.44 | 3.16 | 49.60 | 74.00 | -24.40 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

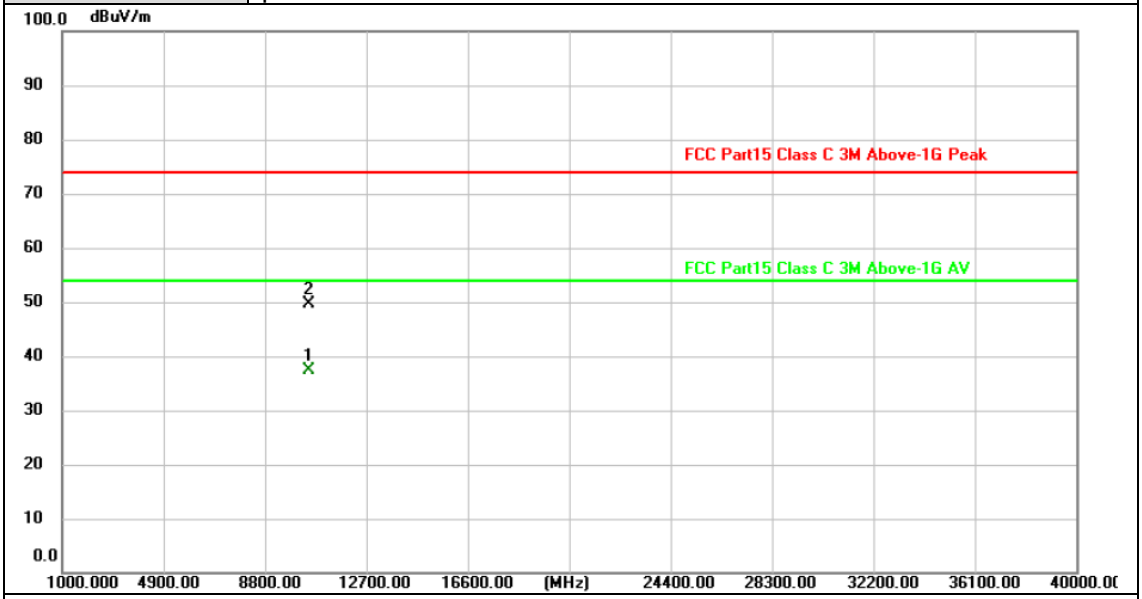
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5240MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10479.220 | 34.43 | 3.07 | 37.50 | 54.00 | -16.50 | AVG |
| 2 | 10479.302 | 46.68 | 3.07 | 49.75 | 74.00 | -24.25 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

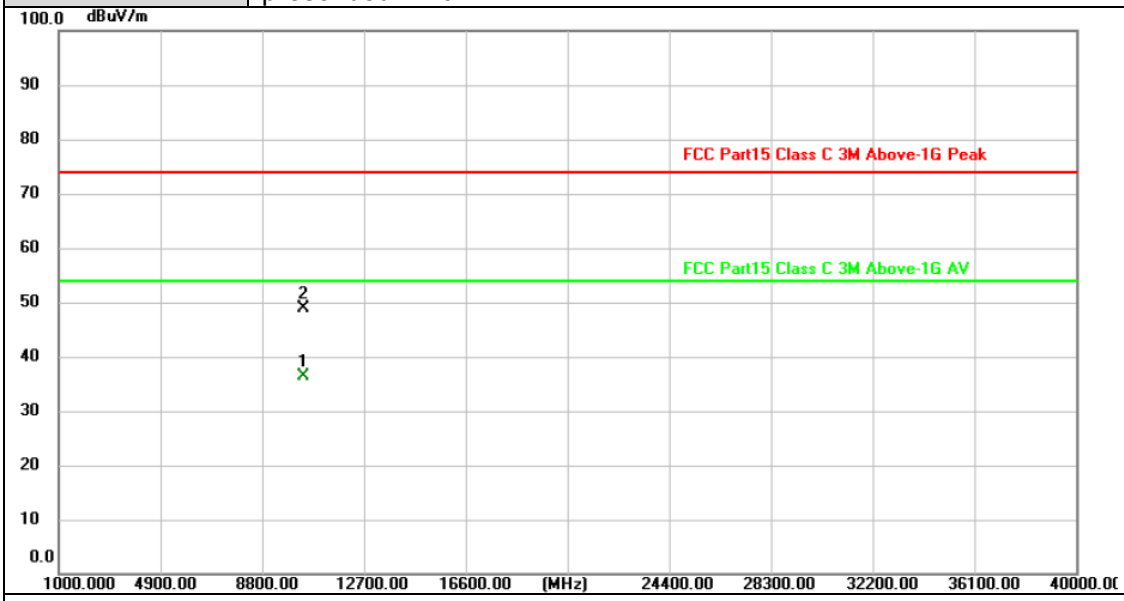
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5240MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10479.000 | 34.25 | 3.08 | 37.33 | 54.00 | -16.67 | AVG |
| 2 | 10479.188 | 46.62 | 3.07 | 49.69 | 74.00 | -24.31 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

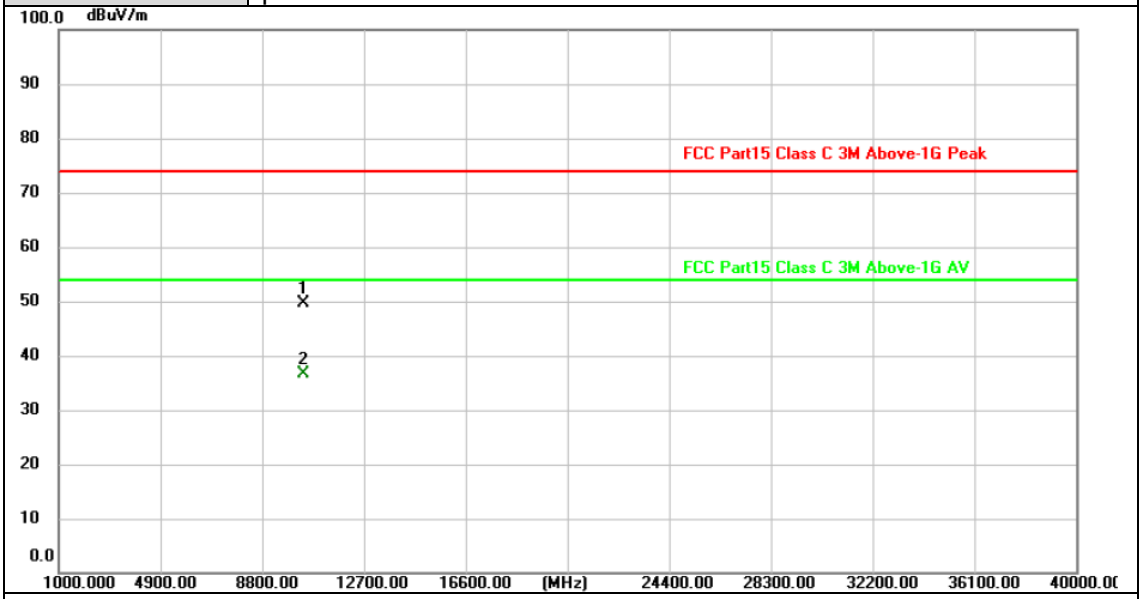
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT40) Mode 5190MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10379.354 | 33.21 | 3.18 | 36.39 | 54.00 | -17.61 | AVG |
| 2 | 10380.406 | 45.80 | 3.18 | 48.98 | 74.00 | -25.02 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

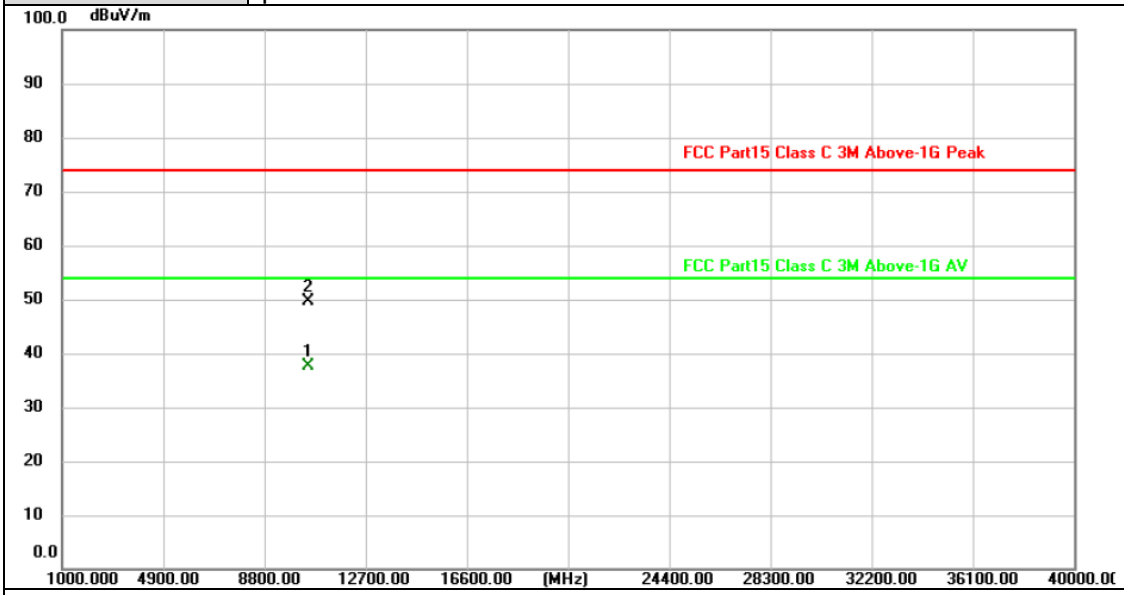
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT40) Mode 5190MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 10379.080 | 46.38 | 3.18 | 49.56 | 74.00 | -24.44 | peak |
| 2 * | 10380.010 | 33.55 | 3.18 | 36.73 | 54.00 | -17.27 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

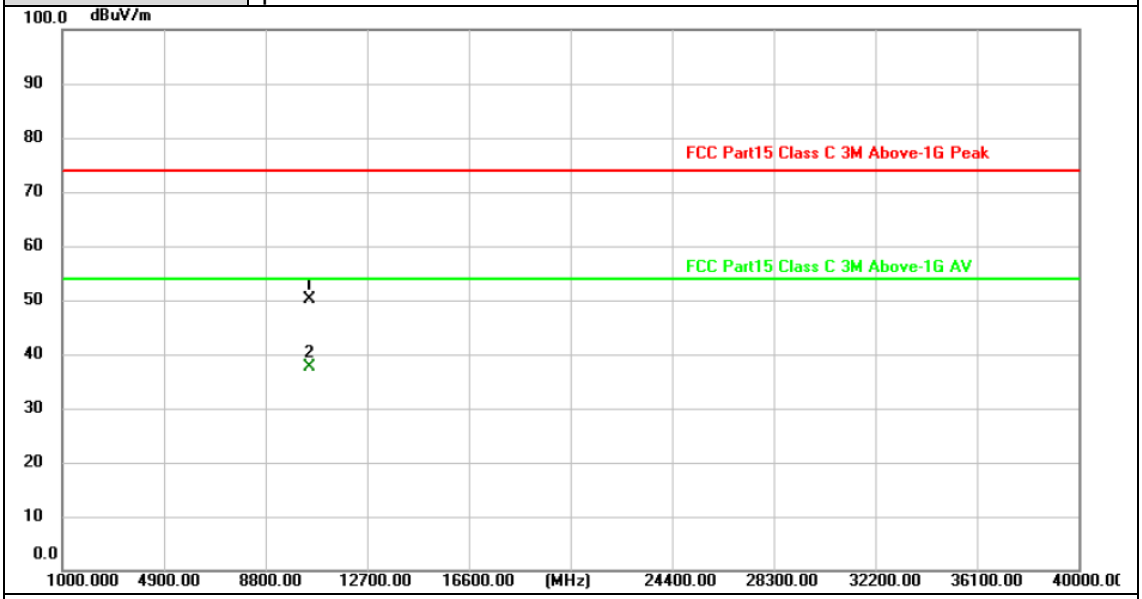
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT40) Mode 5230MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10459.064 | 34.49 | 3.10 | 37.59 | 54.00 | -16.41 | AVG |
| 2 | 10460.518 | 46.48 | 3.10 | 49.58 | 74.00 | -24.42 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

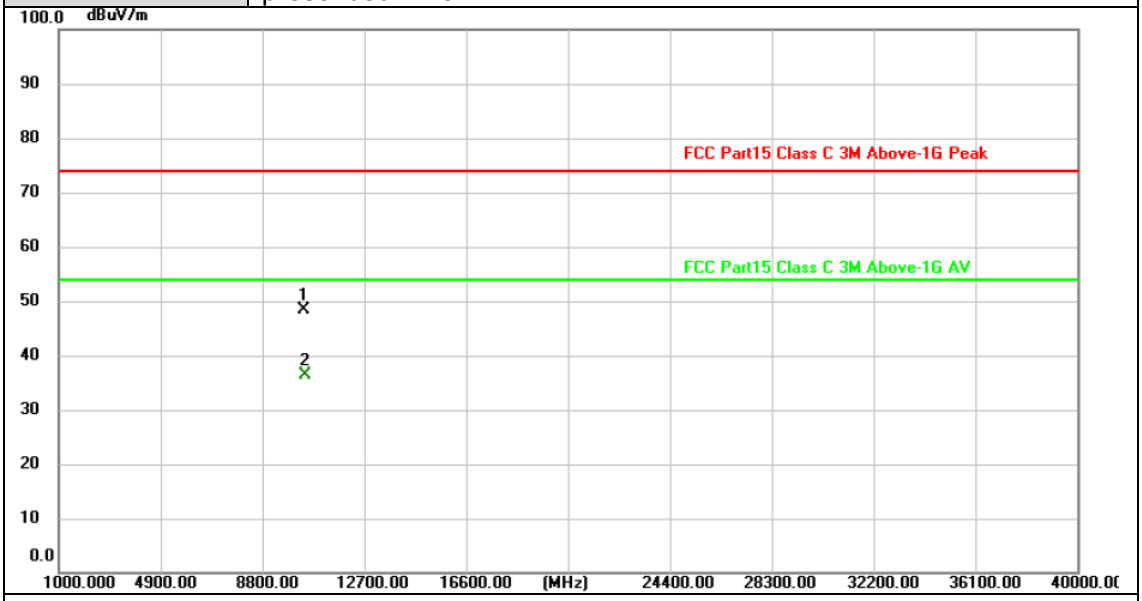
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT40) Mode 5230MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 10459.268 | 46.99 | 3.10 | 50.09 | 74.00 | -23.91 | peak |
| 2 * | 10459.916 | 34.48 | 3.10 | 37.58 | 54.00 | -16.42 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

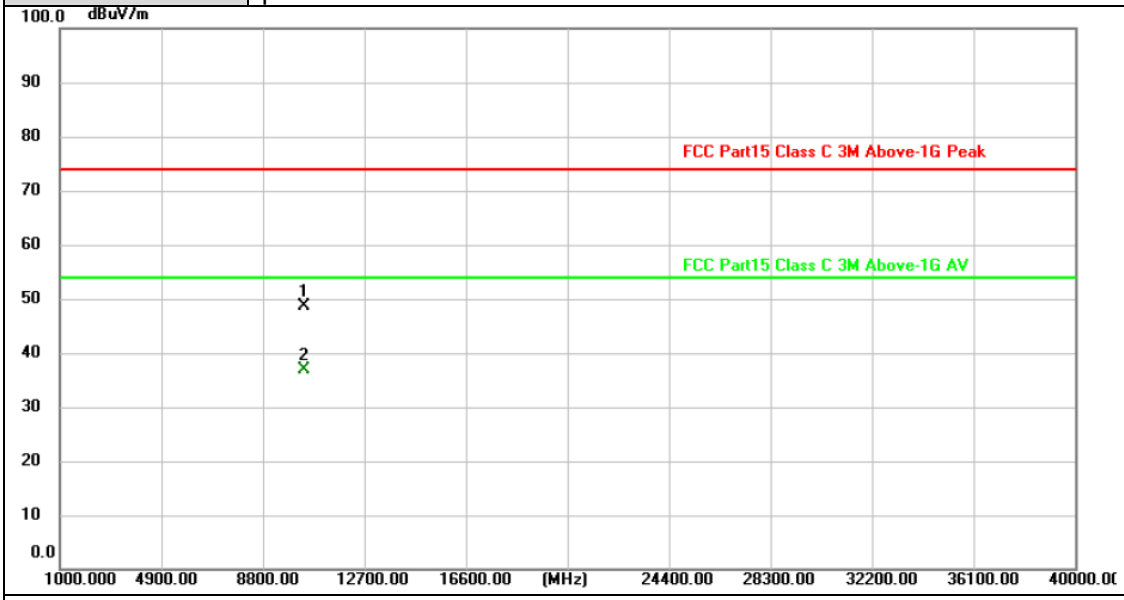
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5190MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 10379.976 | 45.23 | 3.18 | 48.41 | 74.00 | -25.59 | peak |
| 2 * | 10380.766 | 33.11 | 3.18 | 36.29 | 54.00 | -17.71 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

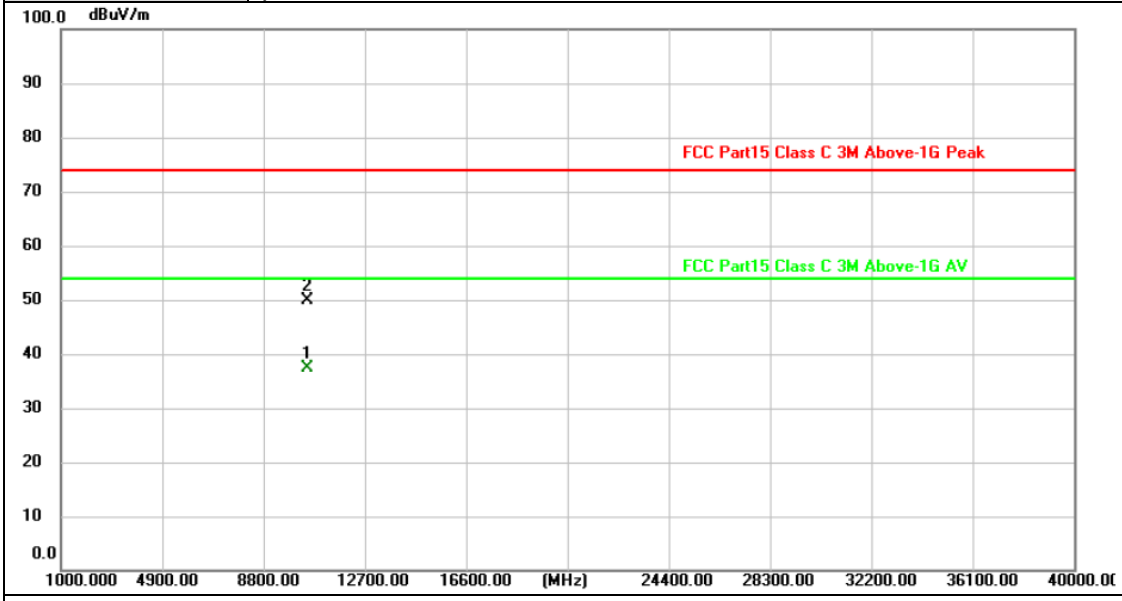
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5190MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 10379.580 | 45.57 | 3.18 | 48.75 | 74.00 | -25.25 | peak |
| 2 * | 10379.608 | 33.71 | 3.18 | 36.89 | 54.00 | -17.11 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

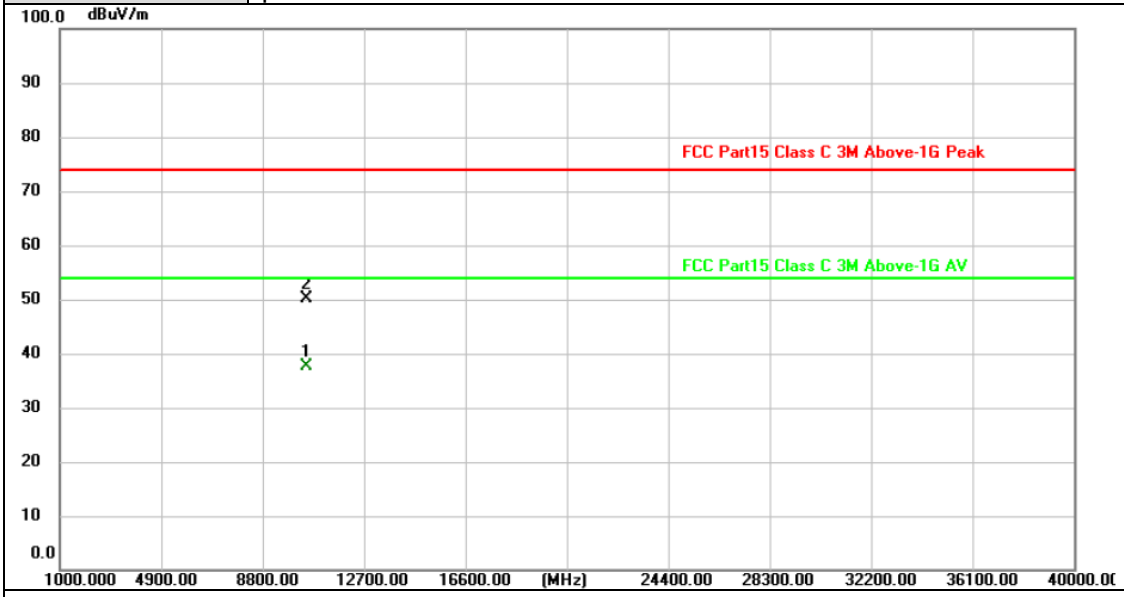
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5230MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10459.418 | 34.38 | 3.10 | 37.48 | 54.00 | -16.52 | AVG |
| 2 | 10459.924 | 46.77 | 3.10 | 49.87 | 74.00 | -24.13 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

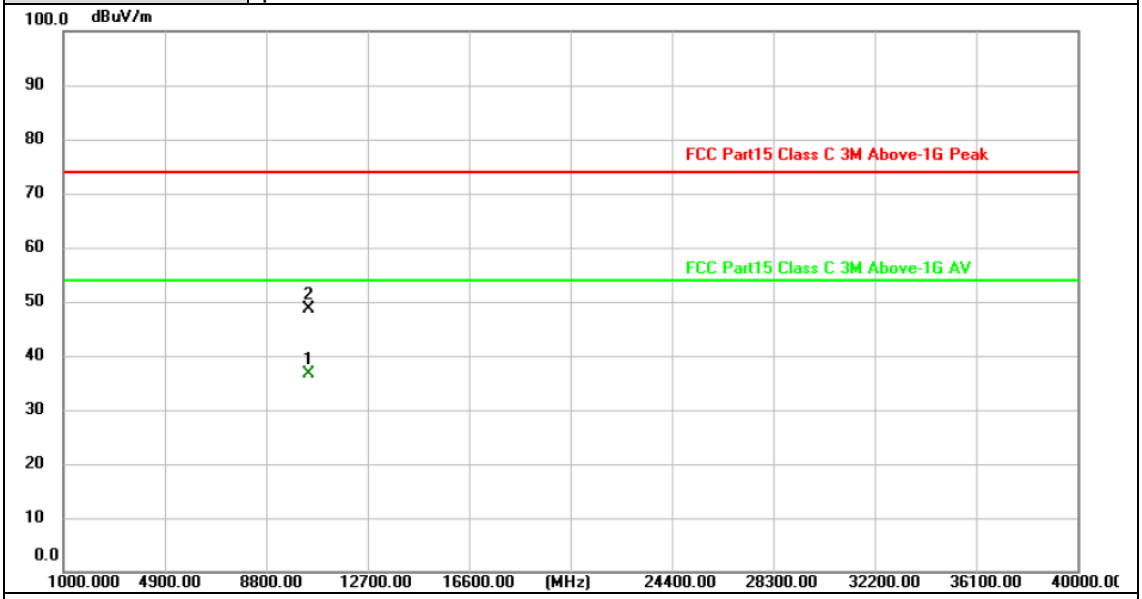
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5230MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10459.114 | 34.48 | 3.10 | 37.58 | 54.00 | -16.42 | AVG |
| 2 | 10459.552 | 46.95 | 3.10 | 50.05 | 74.00 | -23.95 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

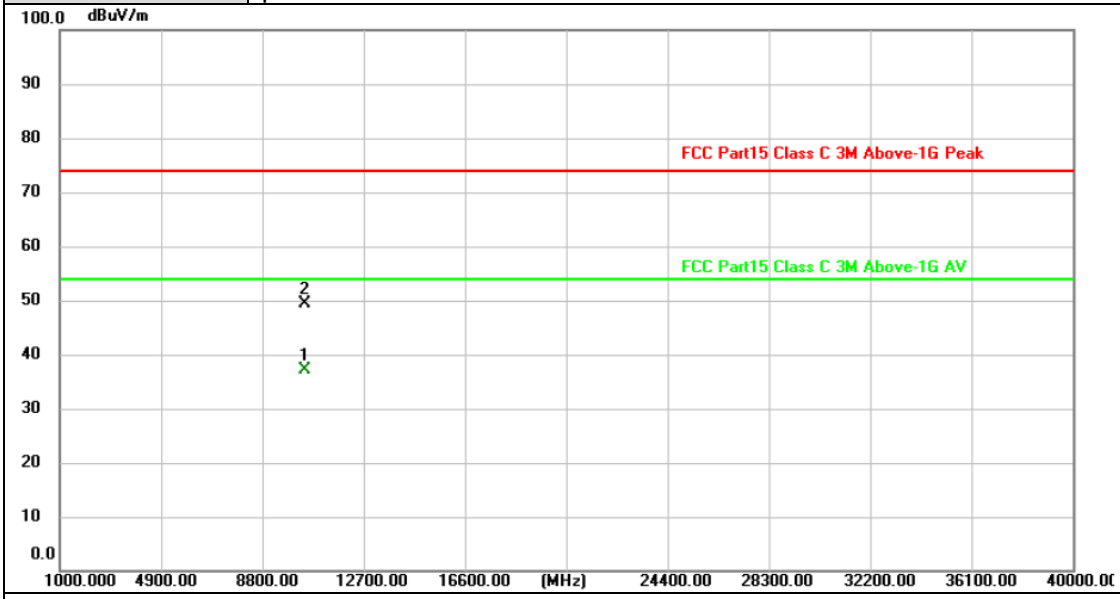
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT80) Mode 5210MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10419.538 | 33.54 | 3.14 | 36.68 | 54.00 | -17.32 | AVG |
| 2 | 10419.908 | 45.45 | 3.14 | 48.59 | 74.00 | -25.41 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

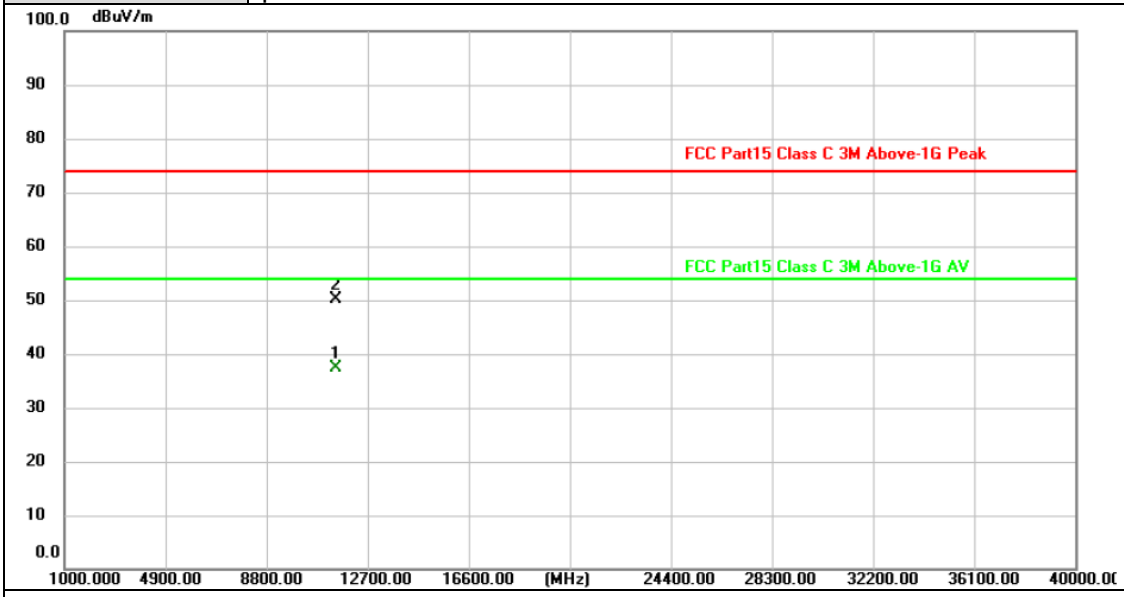
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT80) Mode 5210MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 10419.934 | 33.89 | 3.14 | 37.03 | 54.00 | -16.97 | AVG |
| 2 | 10420.254 | 46.18 | 3.14 | 49.32 | 74.00 | -24.68 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

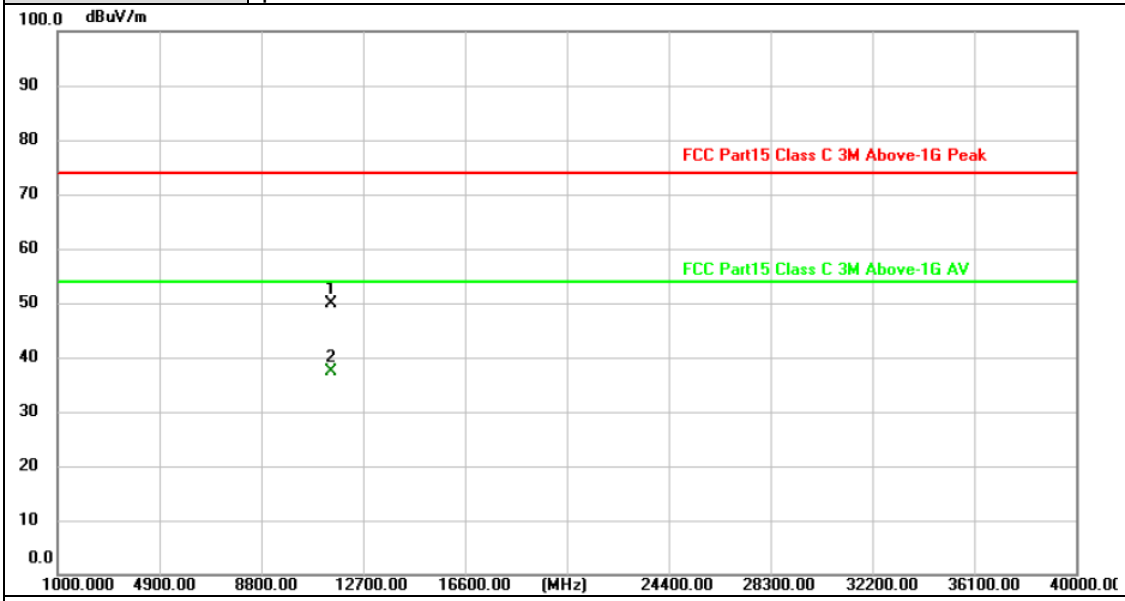
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11a Mode 5745MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11489.418 | 34.04 | 3.44 | 37.48 | 54.00 | -16.52 | AVG |
| 2 | 11489.480 | 46.60 | 3.44 | 50.04 | 74.00 | -23.96 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

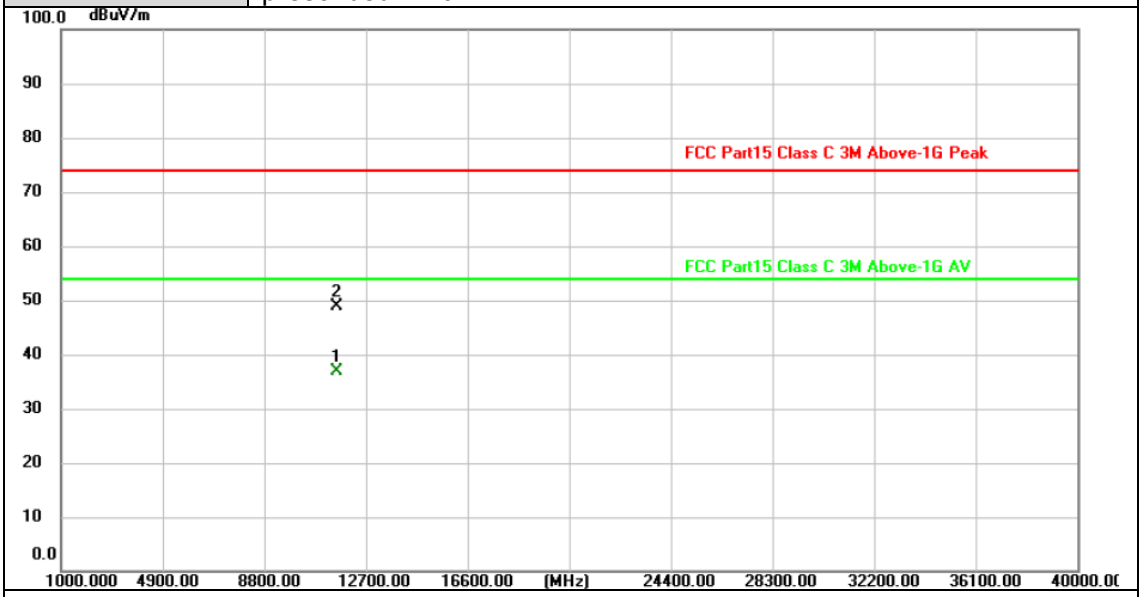
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11a Mode 5745MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 11490.786 | 46.55 | 3.44 | 49.99 | 74.00 | -24.01 | peak |
| 2 * | 11490.966 | 34.01 | 3.44 | 37.45 | 54.00 | -16.55 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

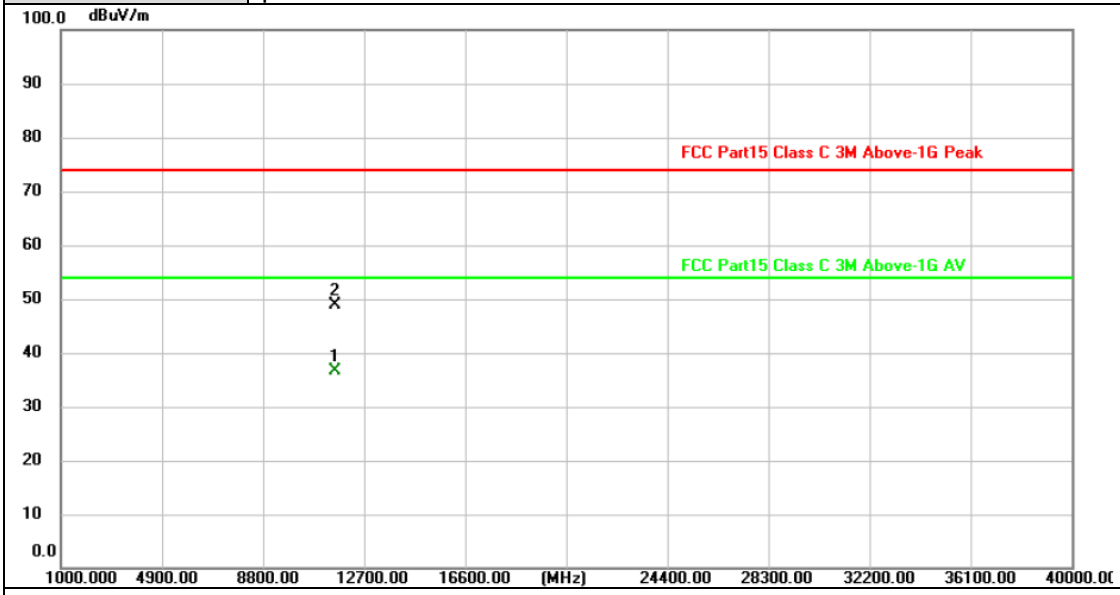
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11a Mode 5785MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11569.060 | 33.48 | 3.39 | 36.87 | 54.00 | -17.13 | AVG |
| 2 | 11570.920 | 45.60 | 3.39 | 48.99 | 74.00 | -25.01 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

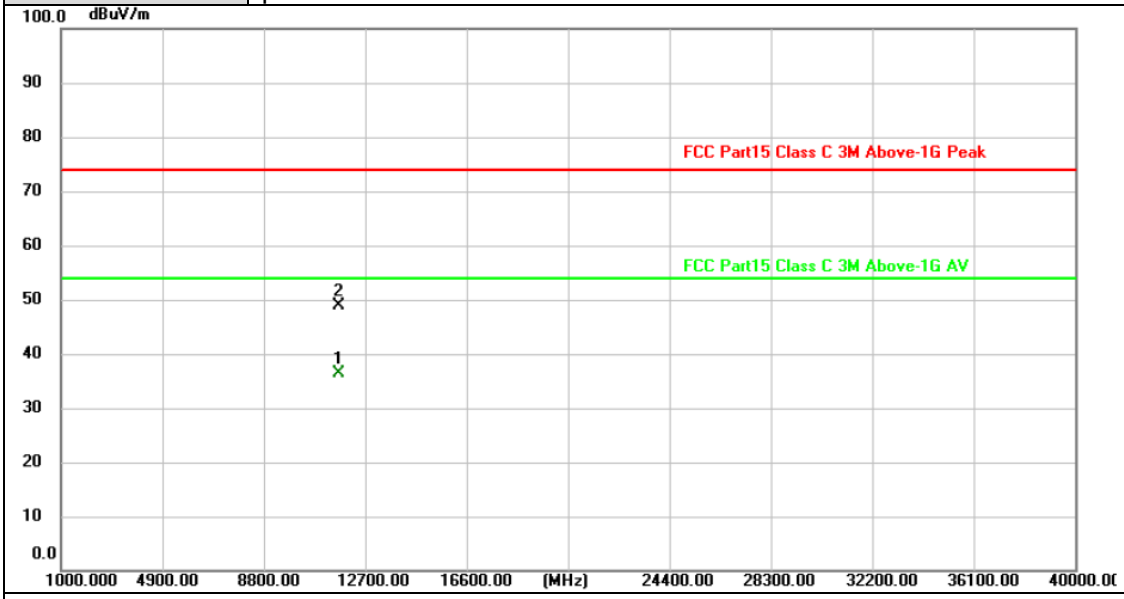
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11a Mode 5785MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11569.186 | 33.34 | 3.39 | 36.73 | 54.00 | -17.27 | AVG |
| 2 | 11570.642 | 45.48 | 3.39 | 48.87 | 74.00 | -25.13 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

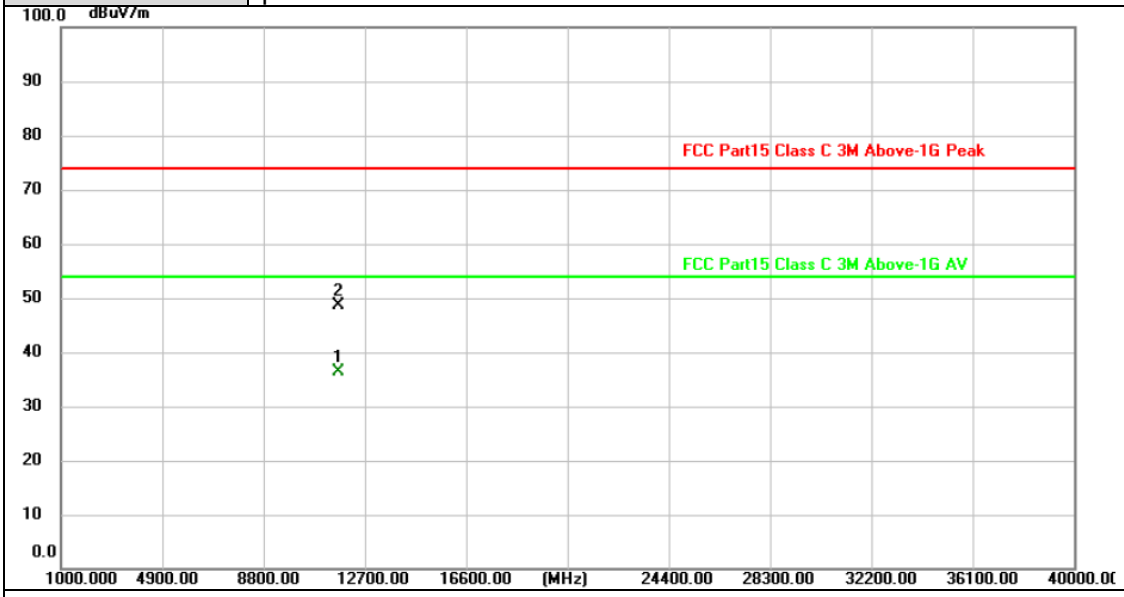
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11a Mode 5825MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11649.716 | 33.00 | 3.34 | 36.34 | 54.00 | -17.66 | AVG |
| 2 | 11649.994 | 45.65 | 3.34 | 48.99 | 74.00 | -25.01 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

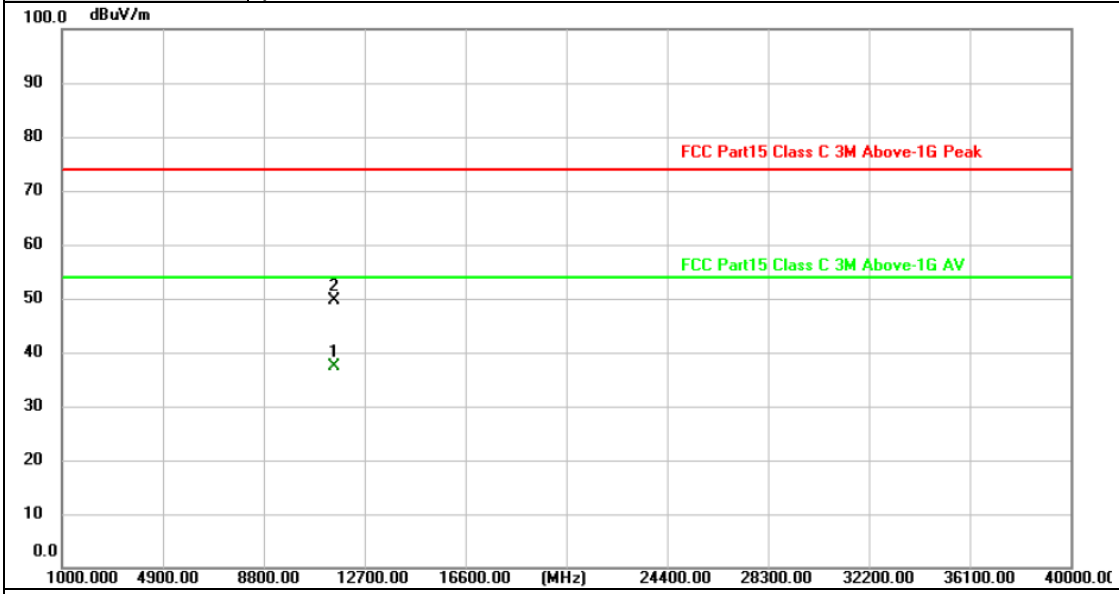
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11a Mode 5825MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11649.076 | 33.11 | 3.34 | 36.45 | 54.00 | -17.55 | AVG |
| 2 | 11649.908 | 45.21 | 3.34 | 48.55 | 74.00 | -25.45 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

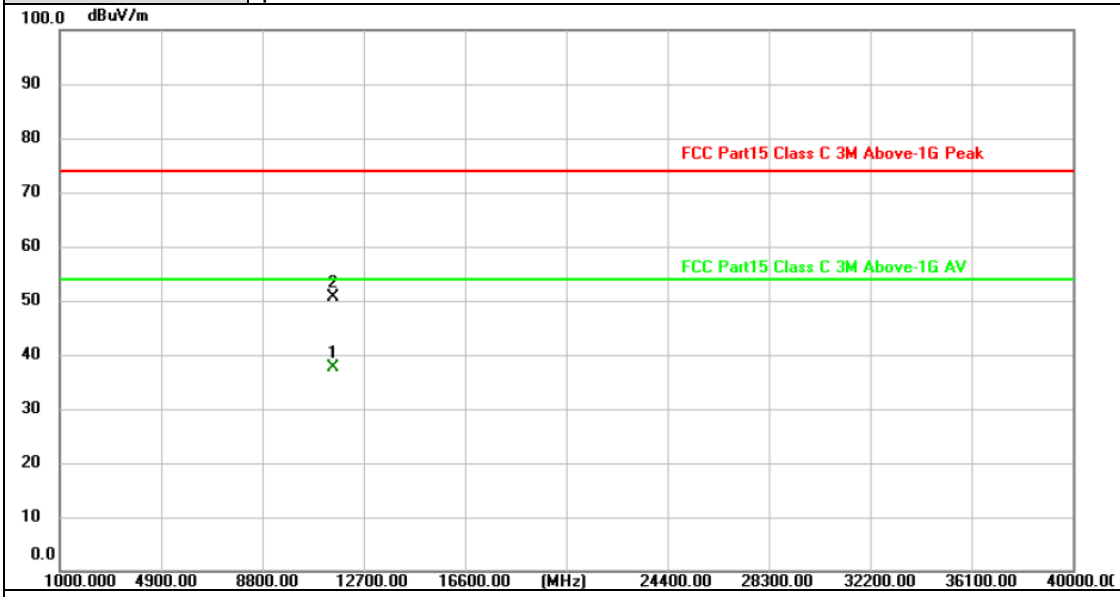
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT20) Mode 5745MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11489.876 | 33.95 | 3.44 | 37.39 | 54.00 | -16.61 | AVG |
| 2 | 11490.332 | 46.14 | 3.44 | 49.58 | 74.00 | -24.42 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

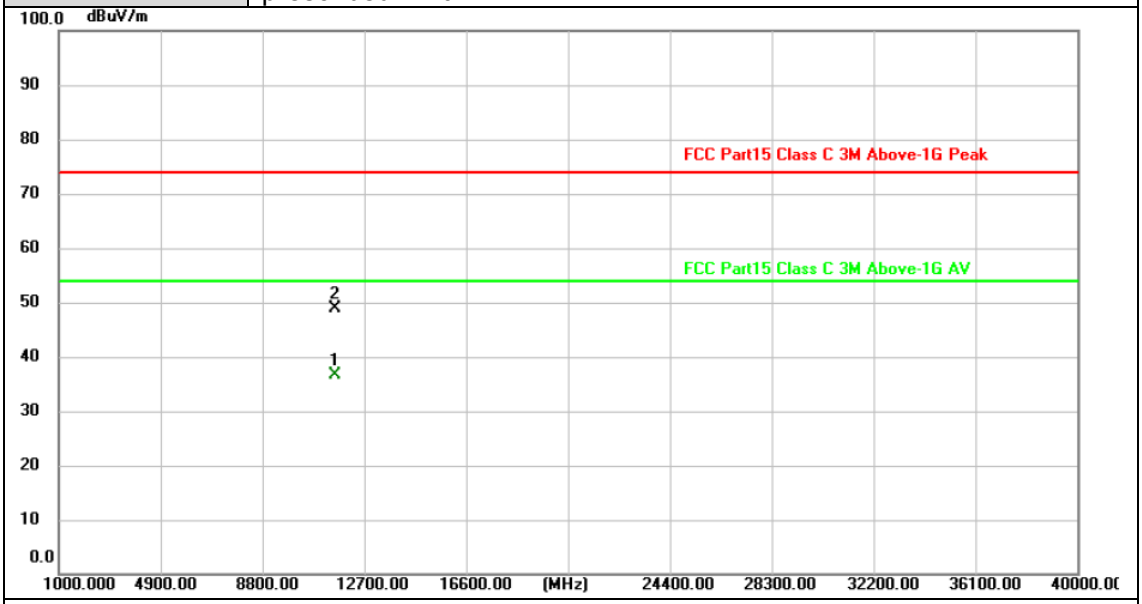
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT20) Mode 5745MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11490.432 | 34.12 | 3.44 | 37.56 | 54.00 | -16.44 | AVG |
| 2 | 11490.482 | 47.08 | 3.44 | 50.52 | 74.00 | -23.48 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

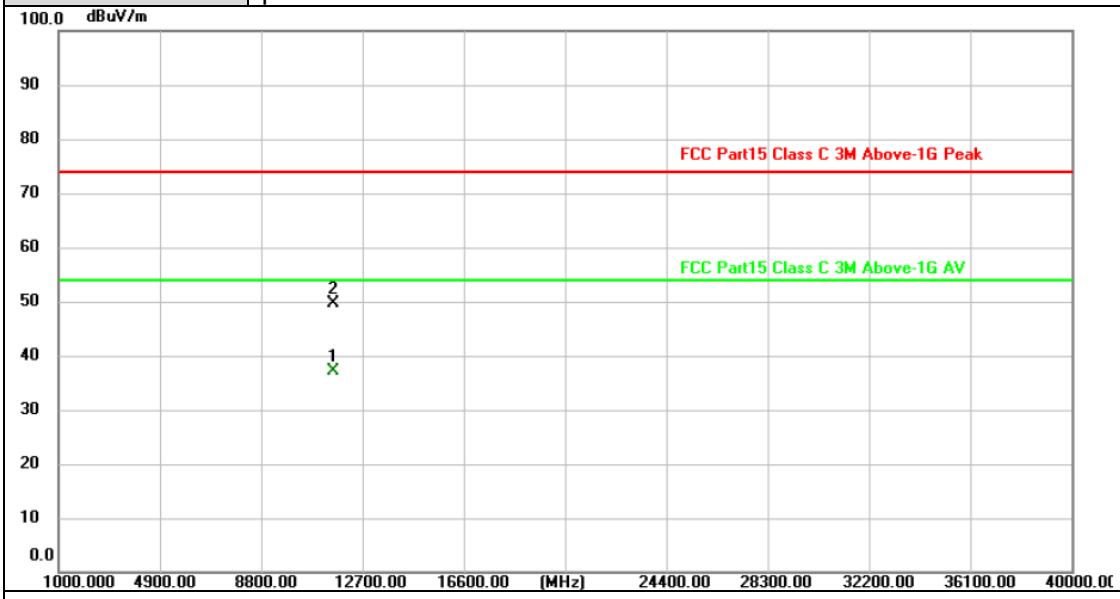
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT20) Mode 5785MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11569.116 | 33.21 | 3.39 | 36.60 | 54.00 | -17.40 | AVG |
| 2 | 11569.250 | 45.42 | 3.39 | 48.81 | 74.00 | -25.19 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

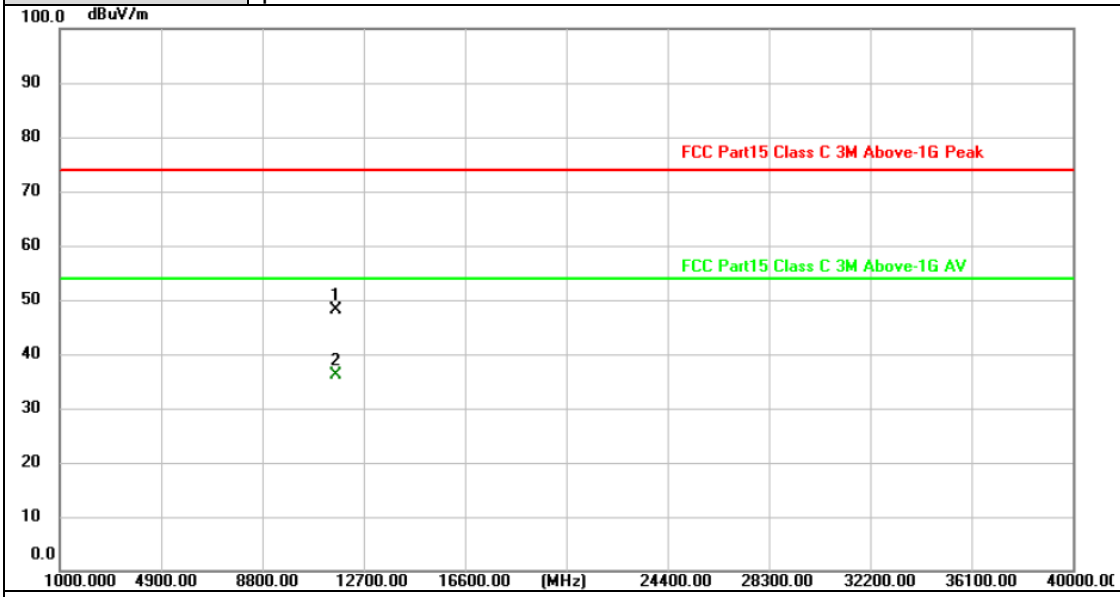
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT20) Mode 5785MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11569.936 | 33.65 | 3.39 | 37.04 | 54.00 | -16.96 | AVG |
| 2 | 11570.944 | 46.27 | 3.39 | 49.66 | 74.00 | -24.34 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

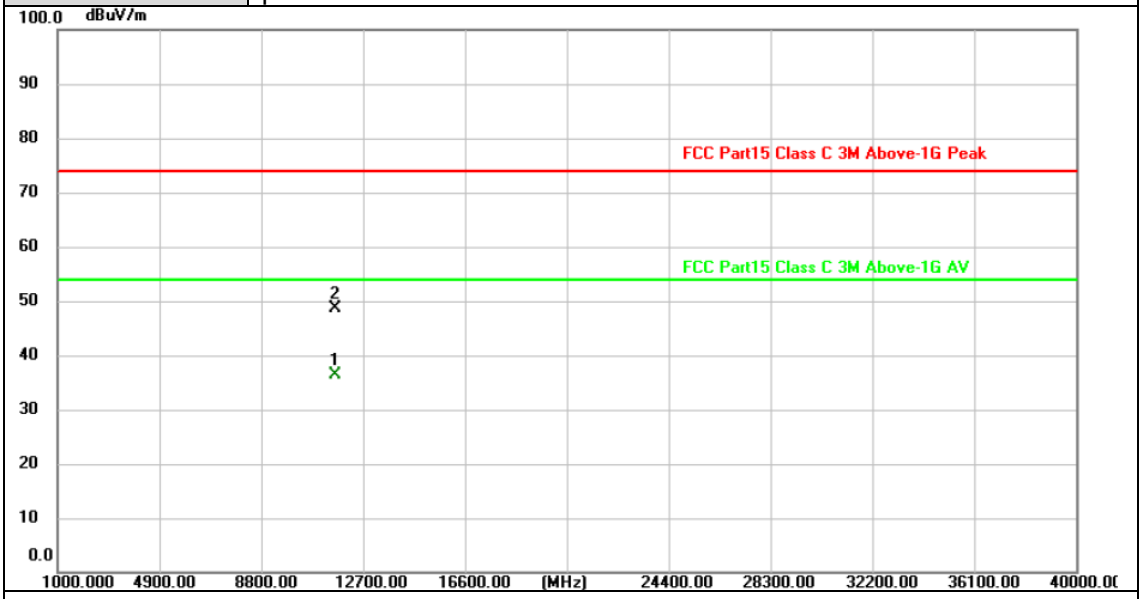
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT20) Mode 5825MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 11650.346 | 44.74 | 3.33 | 48.07 | 74.00 | -25.93 | peak |
| 2 * | 11650.594 | 32.91 | 3.33 | 36.24 | 54.00 | -17.76 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

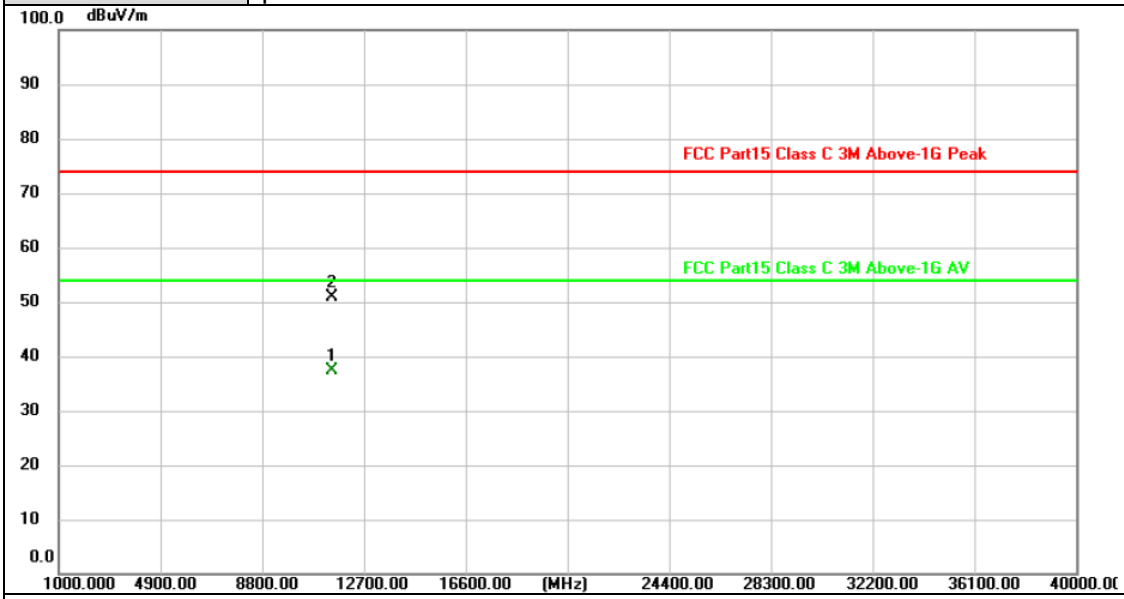
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT20) Mode 5825MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11649.240 | 33.03 | 3.34 | 36.37 | 54.00 | -17.63 | AVG |
| 2 | 11650.356 | 45.19 | 3.33 | 48.52 | 74.00 | -25.48 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

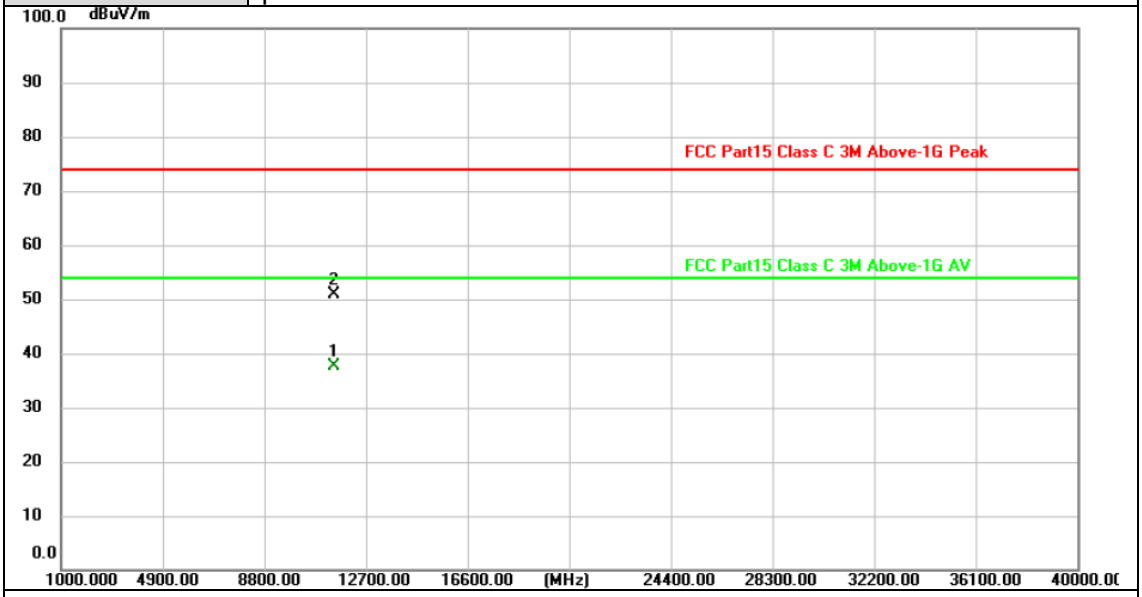
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5745MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11490.598 | 33.98 | 3.44 | 37.42 | 54.00 | -16.58 | AVG |
| 2 | 11490.746 | 47.35 | 3.44 | 50.79 | 74.00 | -23.21 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

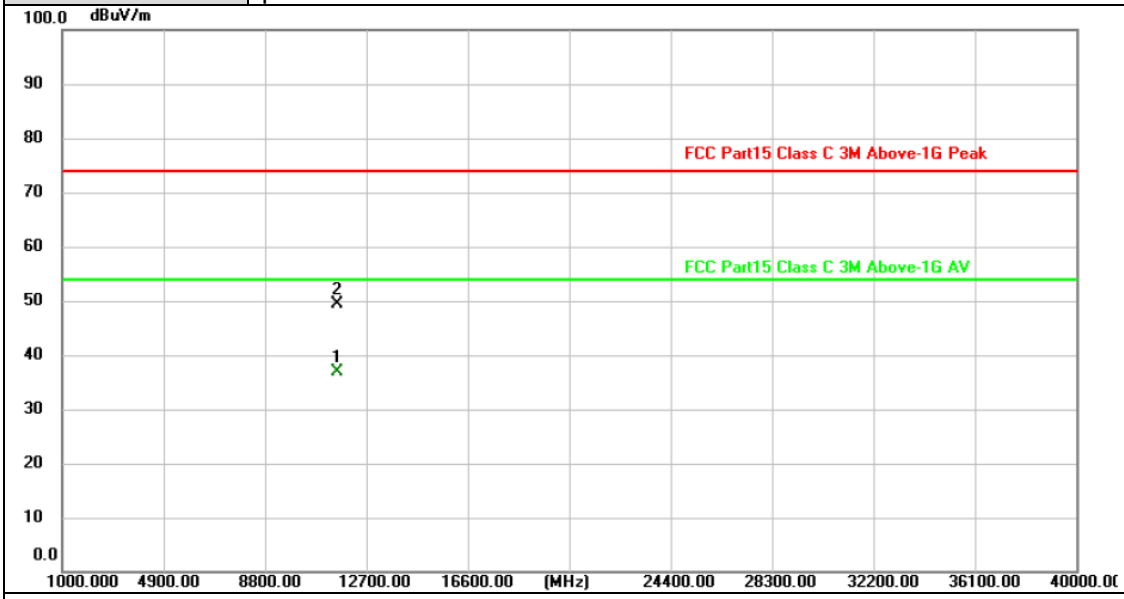
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5745MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11489.206 | 34.17 | 3.44 | 37.61 | 54.00 | -16.39 | AVG |
| 2 | 11490.942 | 47.41 | 3.44 | 50.85 | 74.00 | -23.15 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

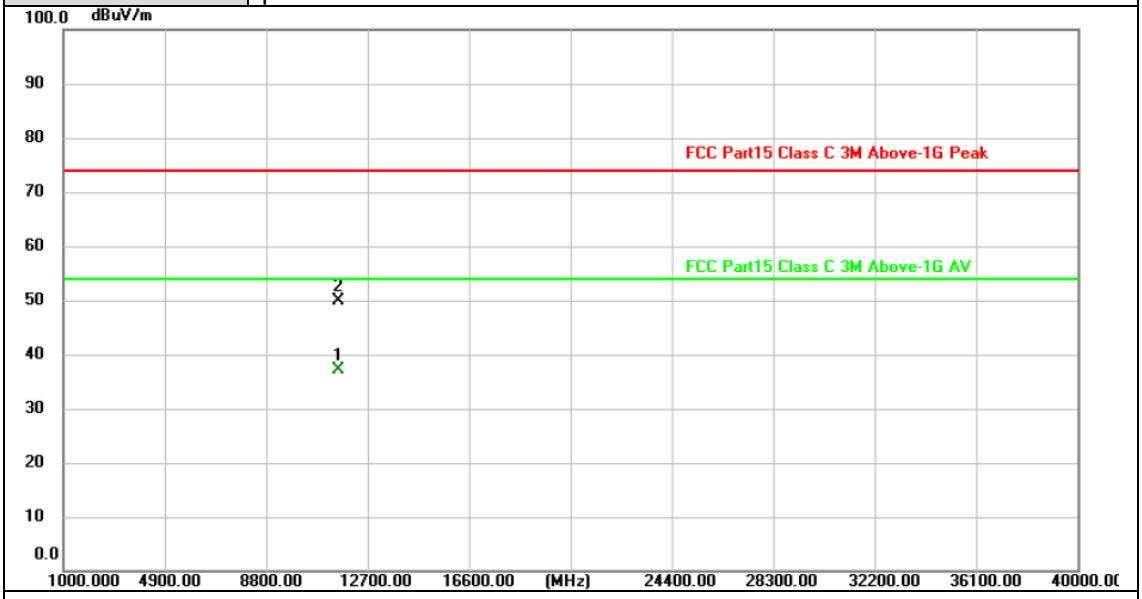
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5785MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11569.578 | 33.44 | 3.39 | 36.83 | 54.00 | -17.17 | AVG |
| 2 | 11570.970 | 46.11 | 3.39 | 49.50 | 74.00 | -24.50 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

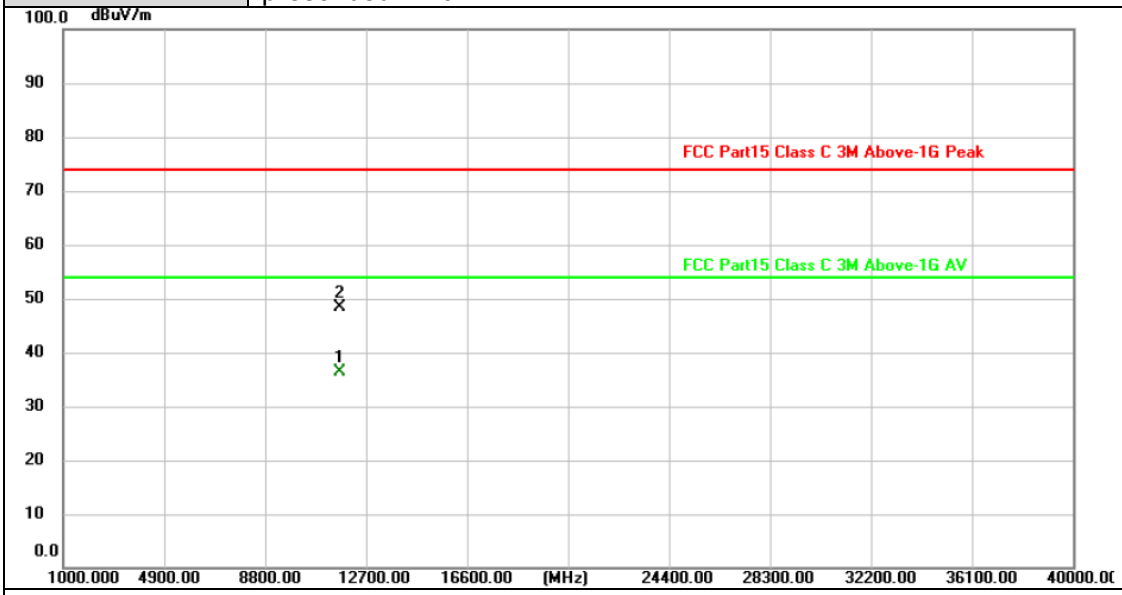
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5785MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11569.254 | 33.71 | 3.39 | 37.10 | 54.00 | -16.90 | AVG |
| 2 | 11569.294 | 46.59 | 3.39 | 49.98 | 74.00 | -24.02 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

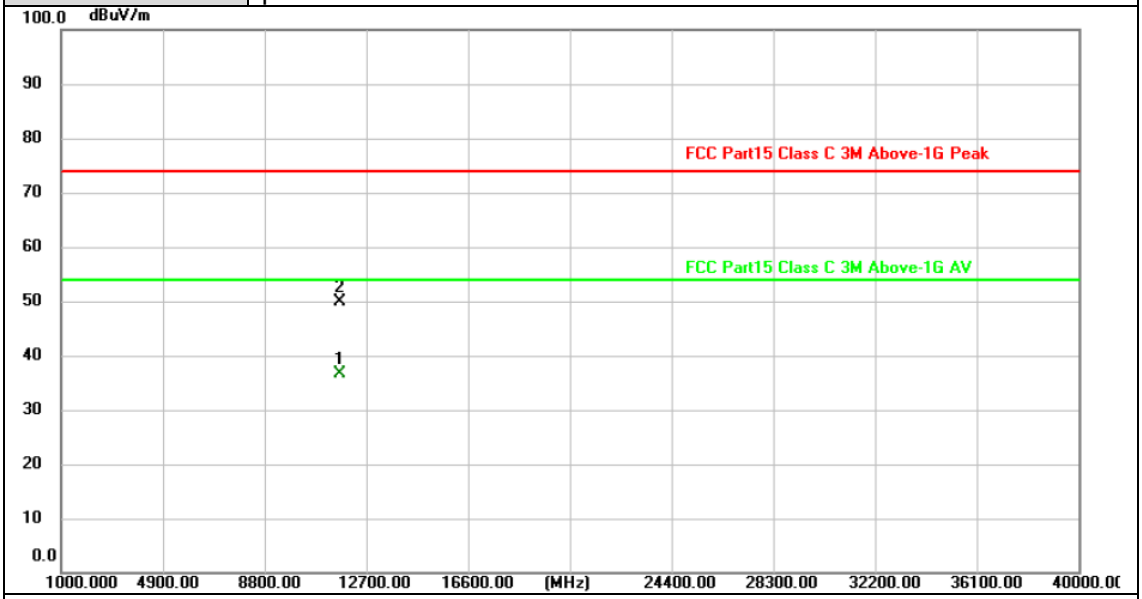
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5825MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11649.212 | 32.99 | 3.34 | 36.33 | 54.00 | -17.67 | AVG |
| 2 | 11649.724 | 45.08 | 3.34 | 48.42 | 74.00 | -25.58 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

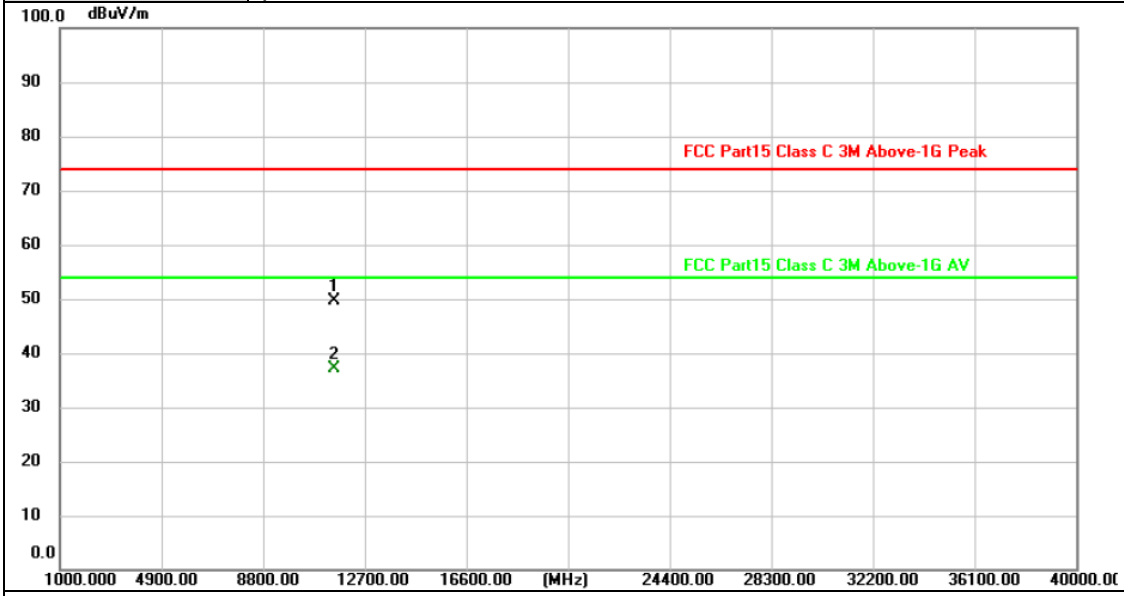
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5825MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11649.658 | 33.35 | 3.34 | 36.69 | 54.00 | -17.31 | AVG |
| 2 | 11650.830 | 46.45 | 3.33 | 49.78 | 74.00 | -24.22 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

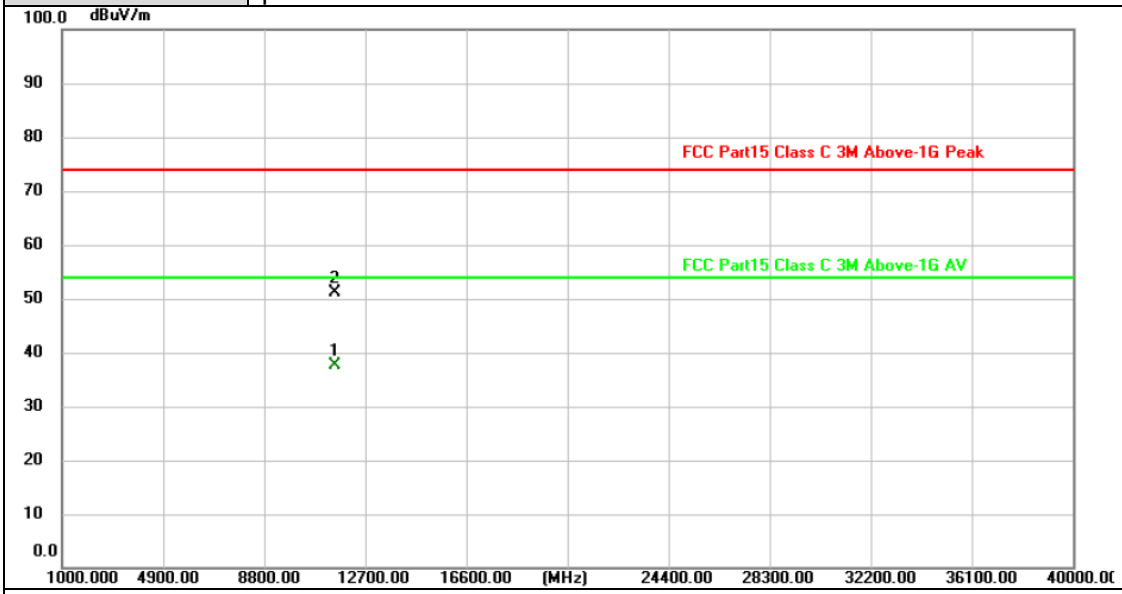
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT40) Mode 5755MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 11509.060 | 46.22 | 3.42 | 49.64 | 74.00 | -24.36 | peak |
| 2 * | 11509.142 | 33.74 | 3.42 | 37.16 | 54.00 | -16.84 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

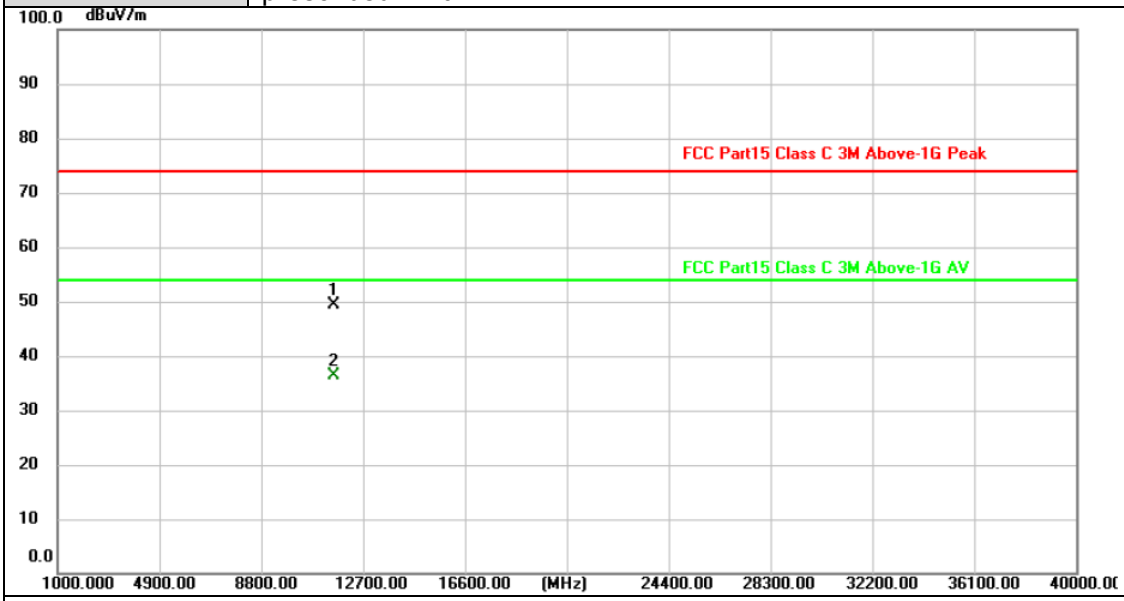
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT40) Mode 5755MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11509.202 | 34.18 | 3.42 | 37.60 | 54.00 | -16.40 | AVG |
| 2 | 11510.646 | 47.76 | 3.43 | 51.19 | 74.00 | -22.81 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

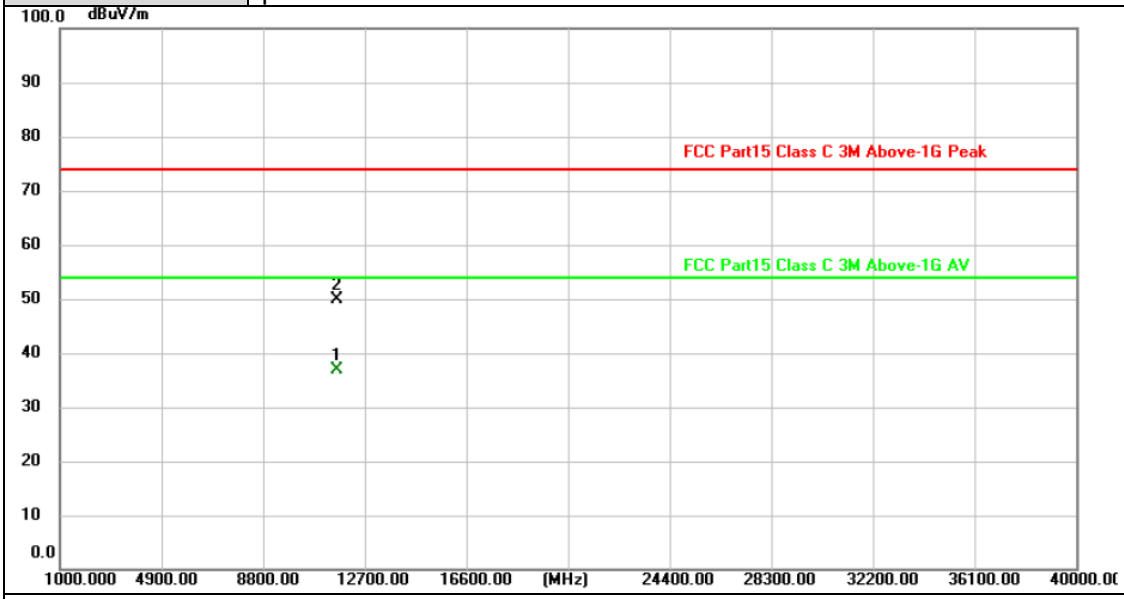
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT40) Mode 5795MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 11589.336 | 45.94 | 3.37 | 49.31 | 74.00 | -24.69 | peak |
| 2 * | 11590.196 | 33.09 | 3.37 | 36.46 | 54.00 | -17.54 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

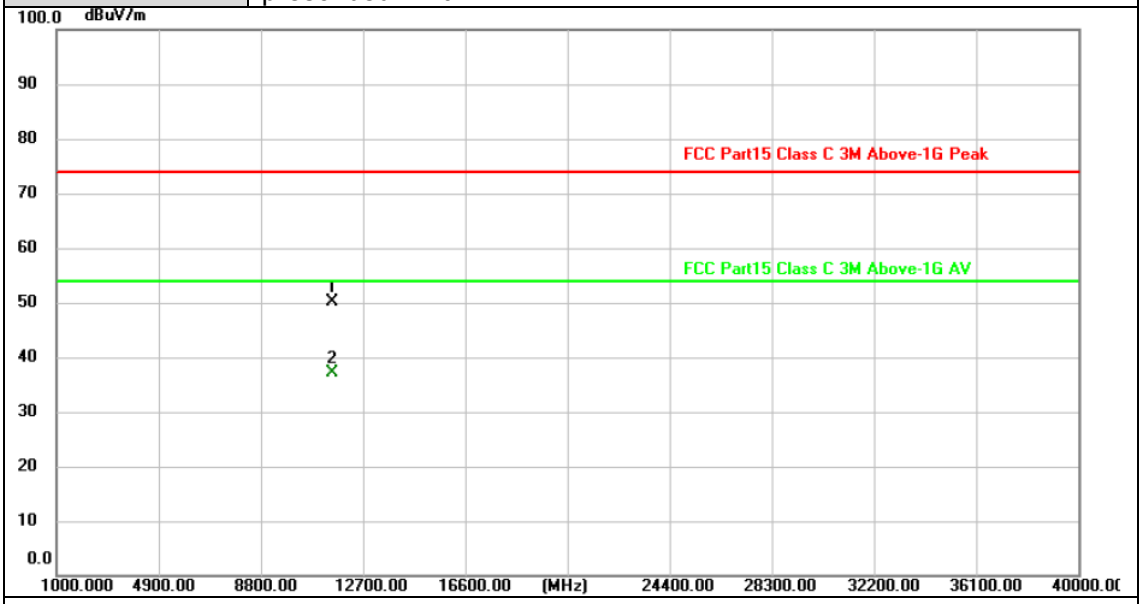
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT40) Mode 5795MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11589.030 | 33.45 | 3.37 | 36.82 | 54.00 | -17.18 | AVG |
| 2 | 11589.336 | 46.55 | 3.37 | 49.92 | 74.00 | -24.08 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

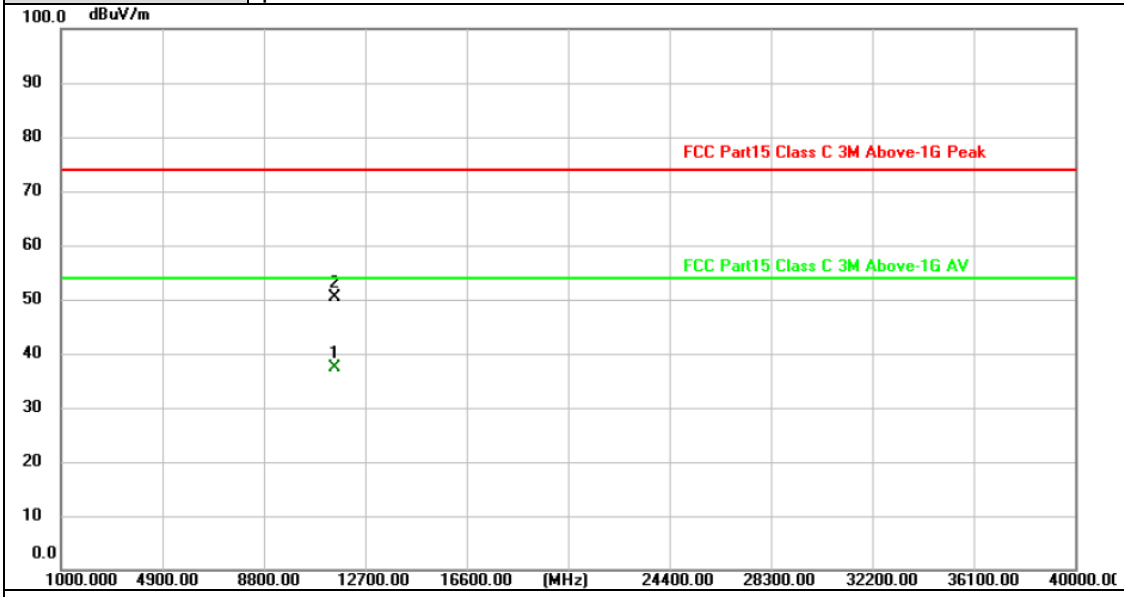
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5755MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 11509.420 | 46.70 | 3.42 | 50.12 | 74.00 | -23.88 | peak |
| 2 * | 11509.736 | 33.82 | 3.43 | 37.25 | 54.00 | -16.75 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

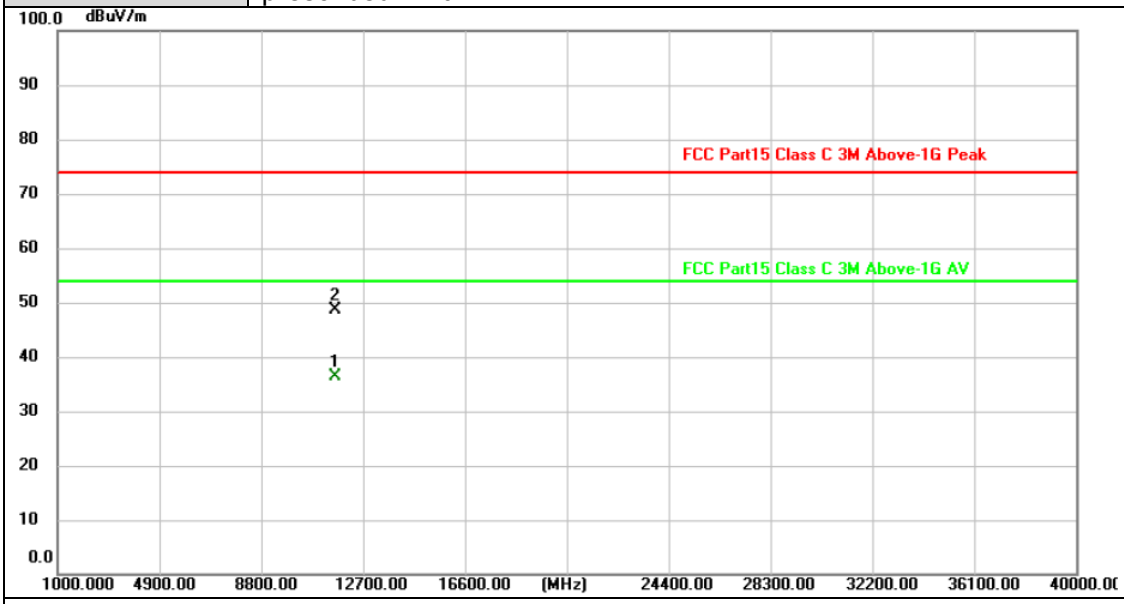
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5755MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11509.152 | 34.06 | 3.42 | 37.48 | 54.00 | -16.52 | AVG |
| 2 | 11509.864 | 46.83 | 3.43 | 50.26 | 74.00 | -23.74 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

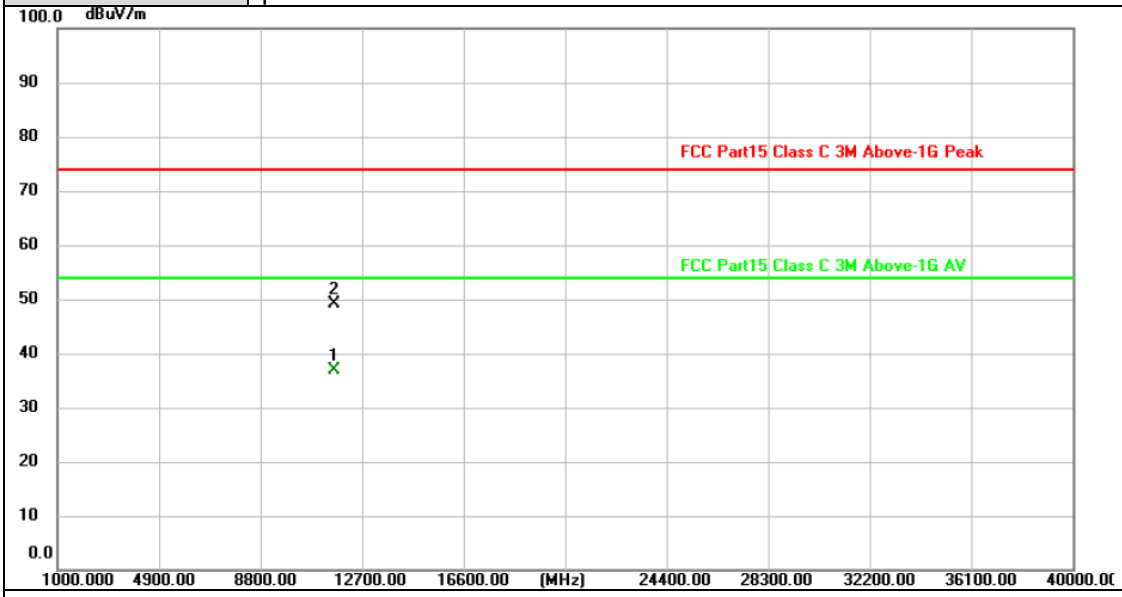
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5795MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11589.074 | 33.13 | 3.37 | 36.50 | 54.00 | -17.50 | AVG |
| 2 | 11589.106 | 45.35 | 3.37 | 48.72 | 74.00 | -25.28 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

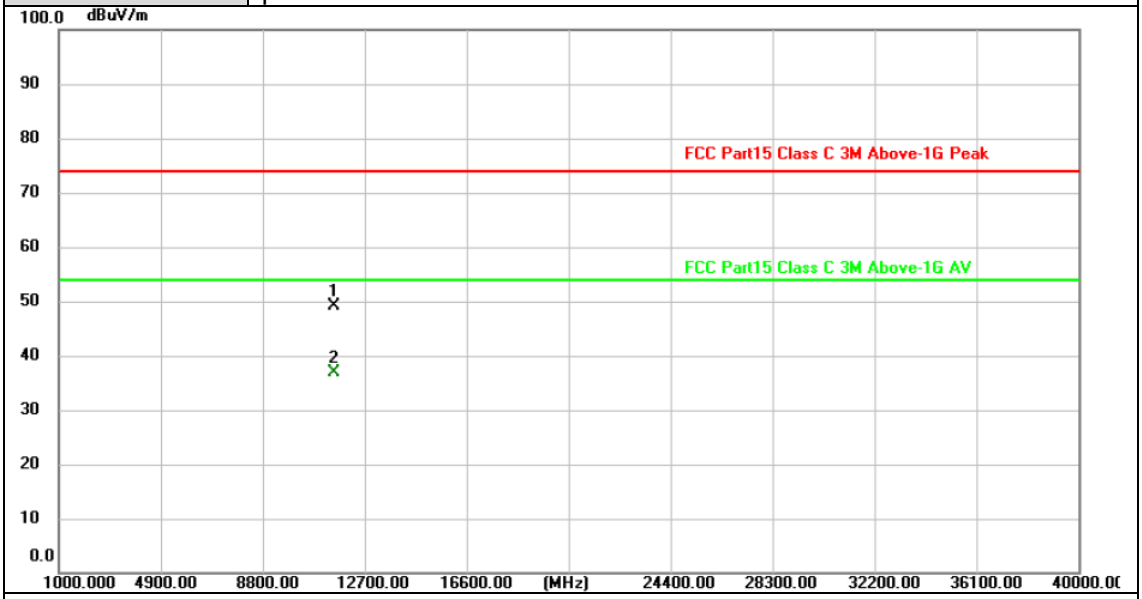
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5795MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11589.058 | 33.47 | 3.37 | 36.84 | 54.00 | -17.16 | AVG |
| 2 | 11589.122 | 45.66 | 3.37 | 49.03 | 74.00 | -24.97 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

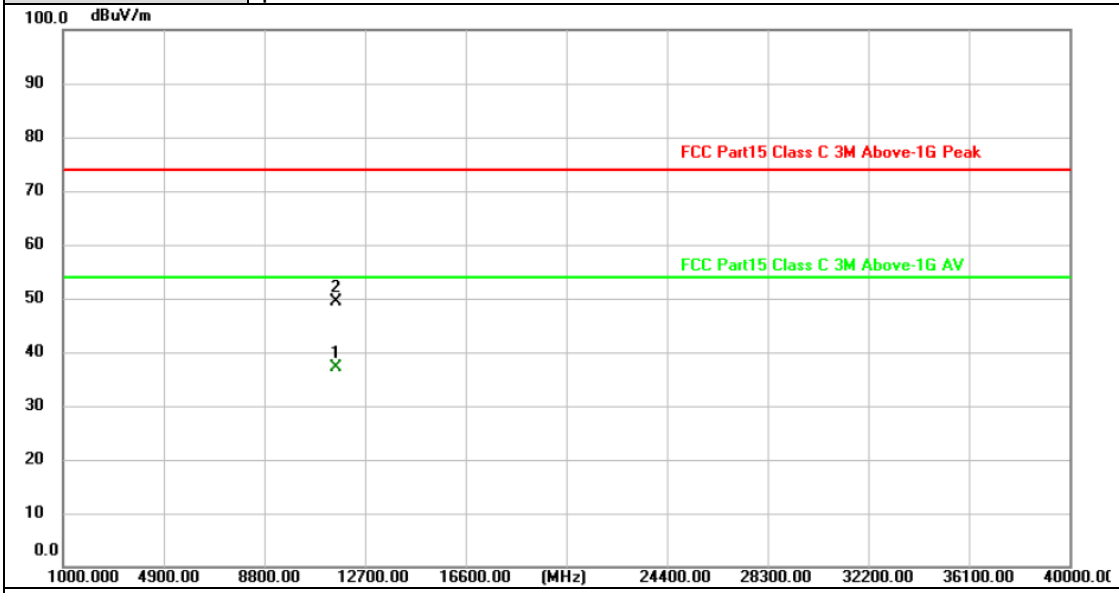
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT80) Mode 5775MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 11549.358 | 45.84 | 3.41 | 49.25 | 74.00 | -24.75 | peak |
| 2 * | 11550.168 | 33.40 | 3.39 | 36.79 | 54.00 | -17.21 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT80) Mode 5775MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 11549.198 | 33.72 | 3.41 | 37.13 | 54.00 | -16.87 | AVG |
| 2 | 11550.926 | 46.06 | 3.39 | 49.45 | 74.00 | -24.55 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

## 3.3. Band Edge Emissions

**Limit**

**Limits of unwanted emission out of the restricted bands**

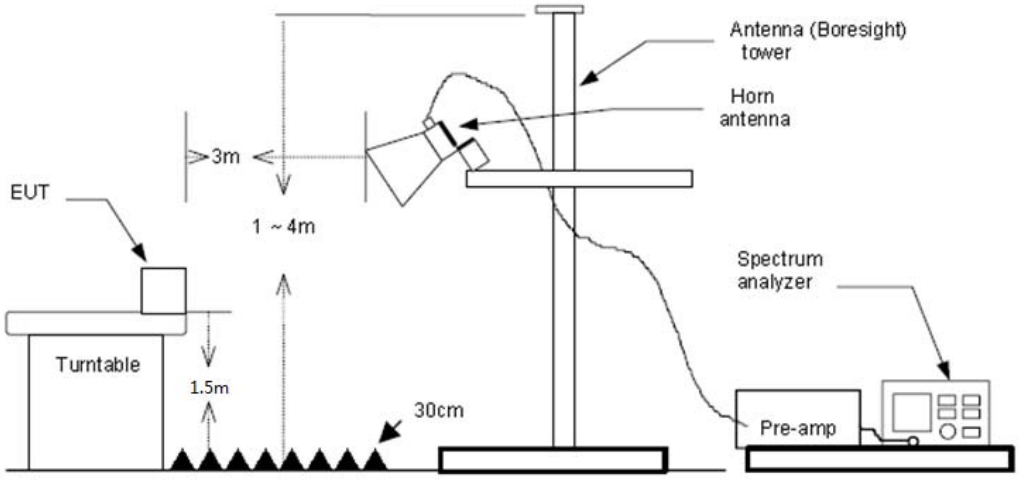
**FCC CFR Title 47 Part 15 Subpart C Section 15.407(b)/ RSS-247 6.2.1.2 & RSS-247 6.2.4.2**

| Frequency (MHz) | EIRP Limits (dBm) | Equivalent Field Strength at 3m (dBuV/m) |
|---|---|---|
| 5150~5250 | -27 | 68.2 |
| 5250~5350 | -27 | 68.2 |
| 5470~5725 | -27 | 68.2 |
| 5725~5825 | -27(Note 2) | 68.2 |
| | 10(Note 2) | 105.2 |
| | 15.6(Note 2) | 110.8 |
| | 27(Note 2) | 122.2 |

Note: 1. The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E=\frac{1000000\sqrt{30P}}{3}$ uV/m, where P is the eirp (Watts)

2. According to FCC 16-24, All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

**Test Configuration**




**Test Procedure**

1. The EUT was setup and tested according to ANSI C63.10:2013 requirements.
2. The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.

5. The receiver set as follow:
RBW=1MHz, VBW=3MHz PEAK detector for Peak value.
RBW=1MHz, VBW see note 1 with Peak Detector for Average Value.

Note 1: For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause Appendix E: Duty Cycle

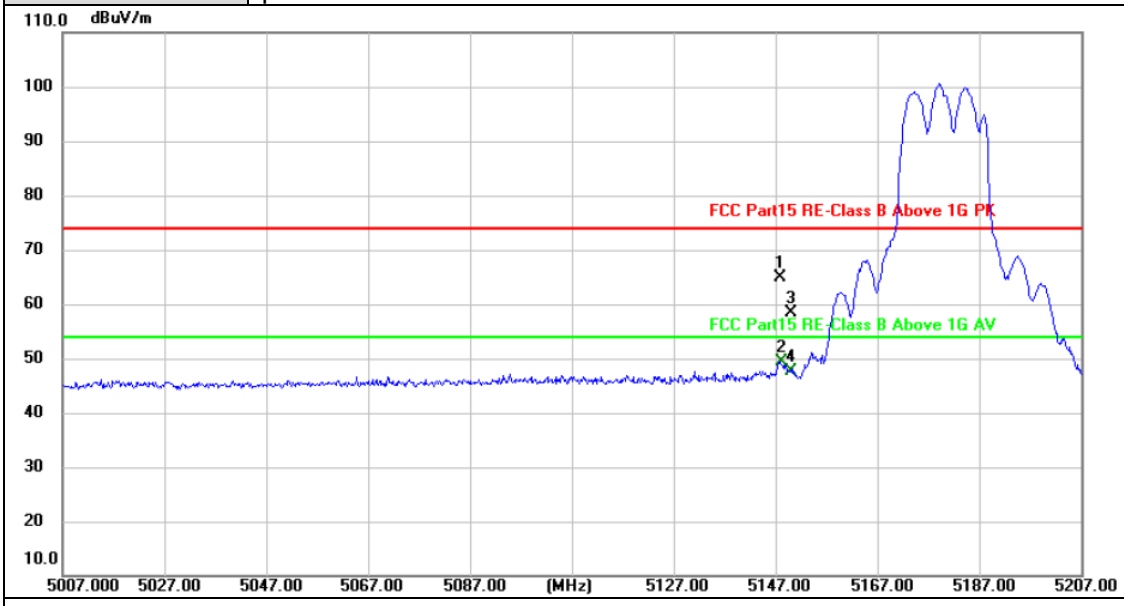
**Test Mode**

Please refer to the clause 2.4.

**Test Results**

*Pre-scan all antenna, only show the test data for worse case antenna on the test report.*

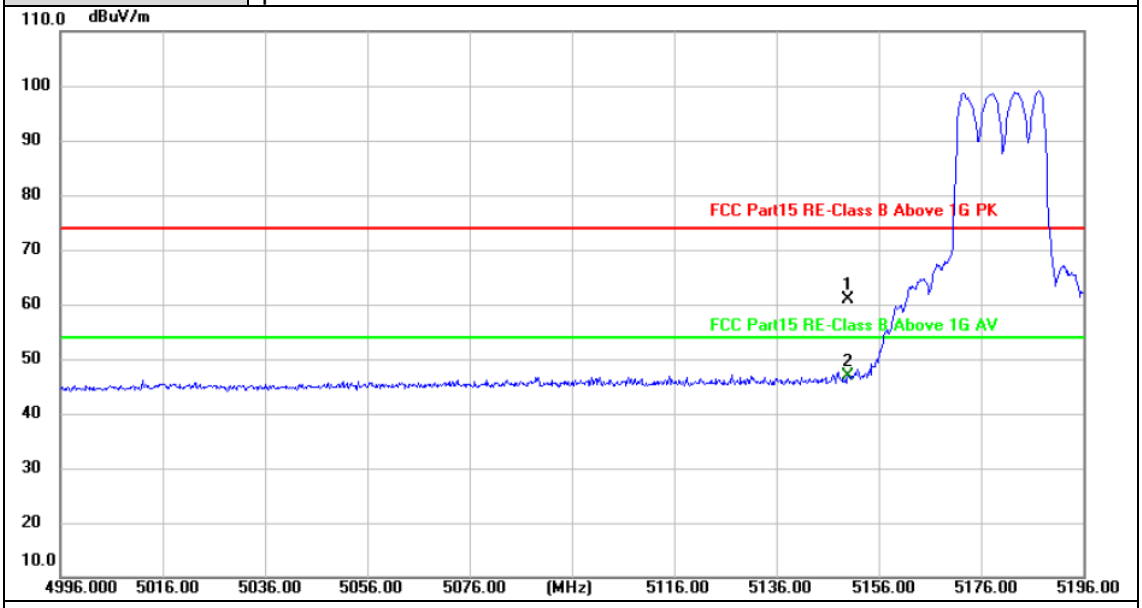
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11a Mode 5180MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5147.867 | 27.77 | 37.15 | 64.92 | 74.00 | -9.08 | peak |
| 2 * | 5148.067 | 12.33 | 37.15 | 49.48 | 54.00 | -4.52 | AVG |
| 3 | 5150.000 | 21.30 | 37.15 | 58.45 | 74.00 | -15.55 | peak |
| 4 | 5150.000 | 10.56 | 37.15 | 47.71 | 54.00 | -6.29 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

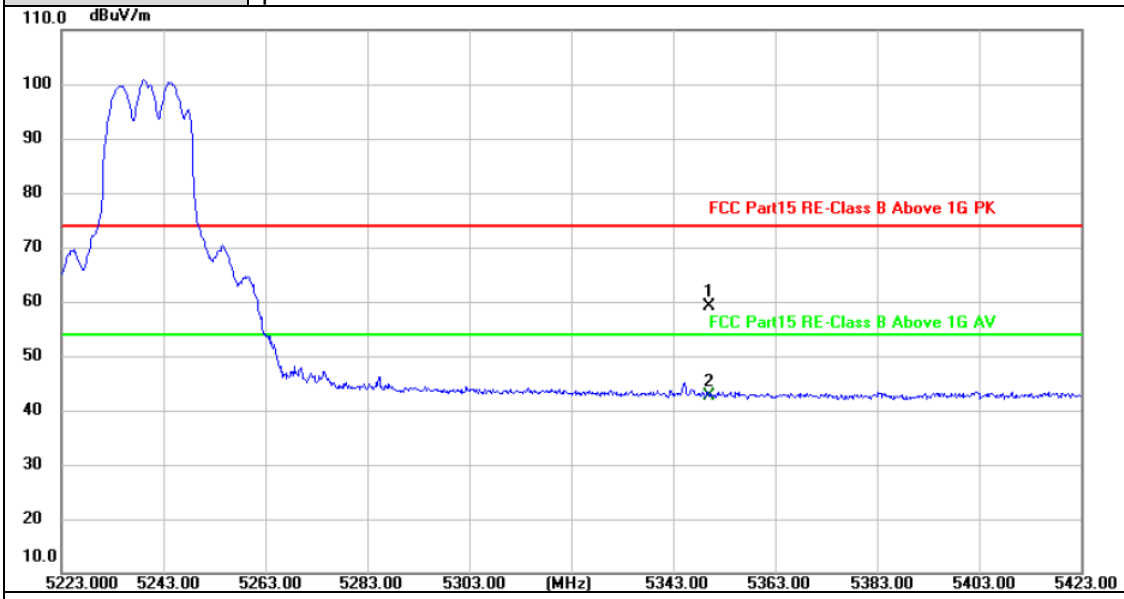
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11a Mode 5180MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5150.000 | 23.84 | 37.15 | 60.99 | 74.00 | -13.01 | peak |
| 2 * | 5150.000 | 9.66 | 37.15 | 46.81 | 54.00 | -7.19 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

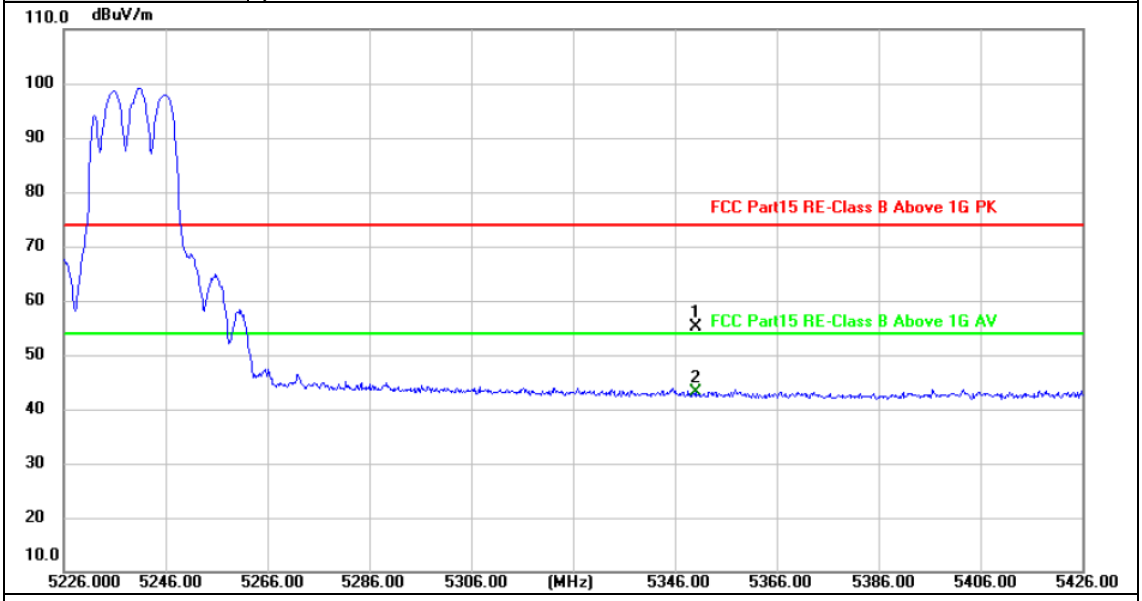
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11a Mode 5240MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 21.70 | 37.41 | 59.11 | 74.00 | -14.89 | peak |
| 2 * | 5350.000 | 5.29 | 37.41 | 42.70 | 54.00 | -11.30 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11a Mode 5240MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 17.82 | 37.41 | 55.23 | 74.00 | -18.77 | peak |
| 2 * | 5350.000 | 5.61 | 37.41 | 43.02 | 54.00 | -10.98 | AVG |

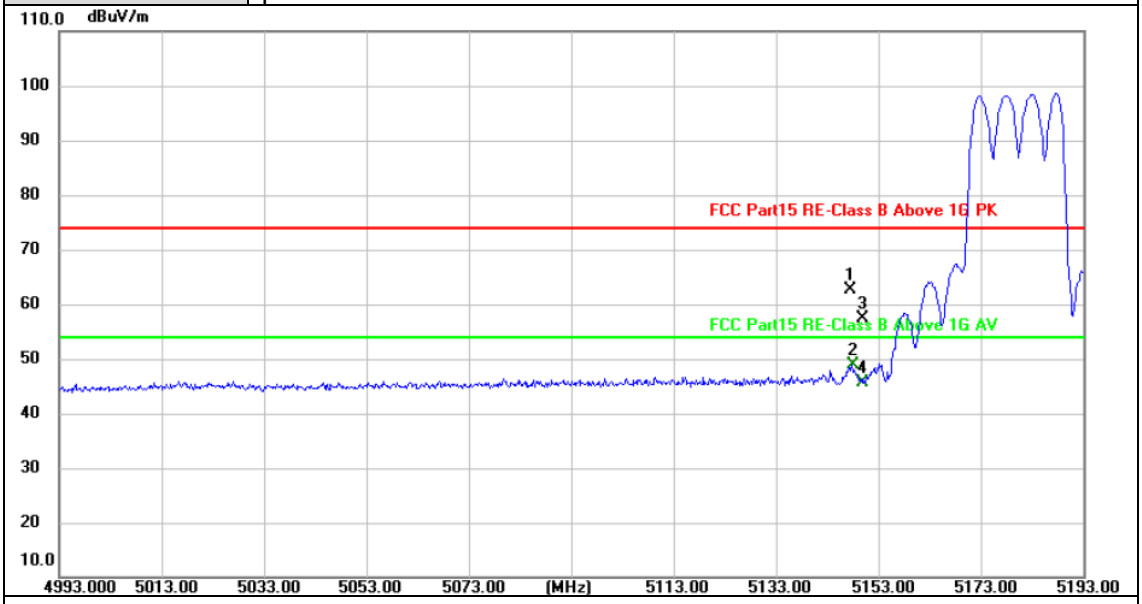
Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT20) Mode 5180MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |


| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5147.479 | 27.39 | 37.15 | 64.54 | 74.00 | -9.46 | peak |
| 2 * | 5148.551 | 12.44 | 37.15 | 49.59 | 54.00 | -4.41 | AVG |
| 3 | 5150.000 | 22.80 | 37.15 | 59.95 | 74.00 | -14.05 | peak |
| 4 | 5150.000 | 8.56 | 37.15 | 45.71 | 54.00 | -8.29 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

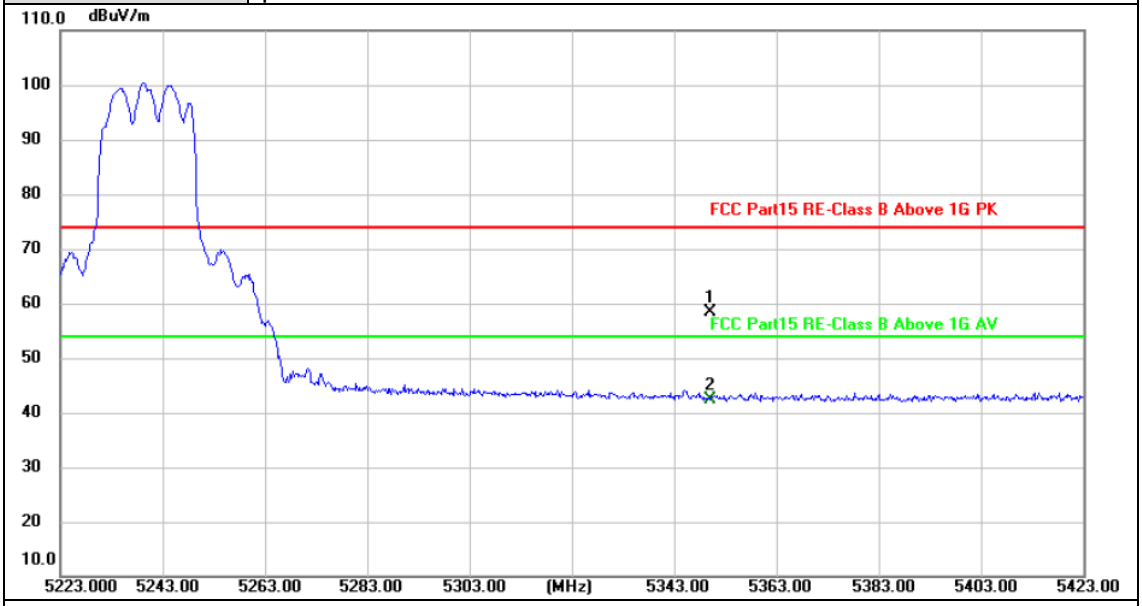
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT20) Mode 5180MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5147.631 | 25.36 | 37.15 | 62.51 | 74.00 | -11.49 | peak |
| 2 * | 5147.911 | 11.77 | 37.15 | 48.92 | 54.00 | -5.08 | AVG |
| 3 | 5150.000 | 20.11 | 37.15 | 57.26 | 74.00 | -16.74 | peak |
| 4 | 5150.000 | 8.59 | 37.15 | 45.74 | 54.00 | -8.26 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

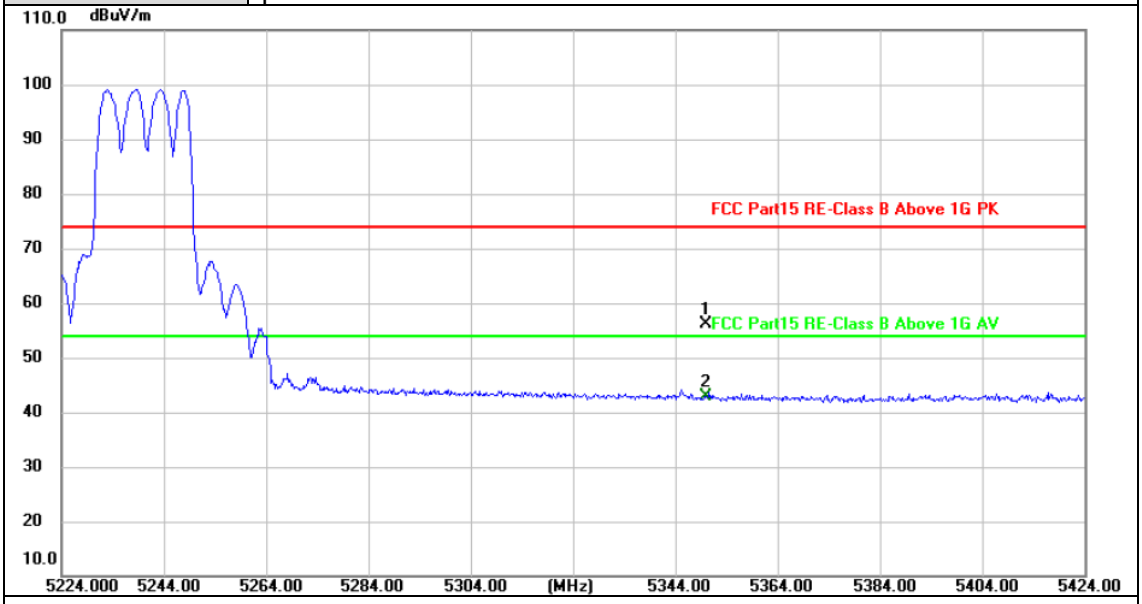
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT20) Mode 5240MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 20.85 | 37.41 | 58.26 | 74.00 | -15.74 | peak |
| 2 * | 5350.000 | 5.03 | 37.41 | 42.44 | 54.00 | -11.56 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

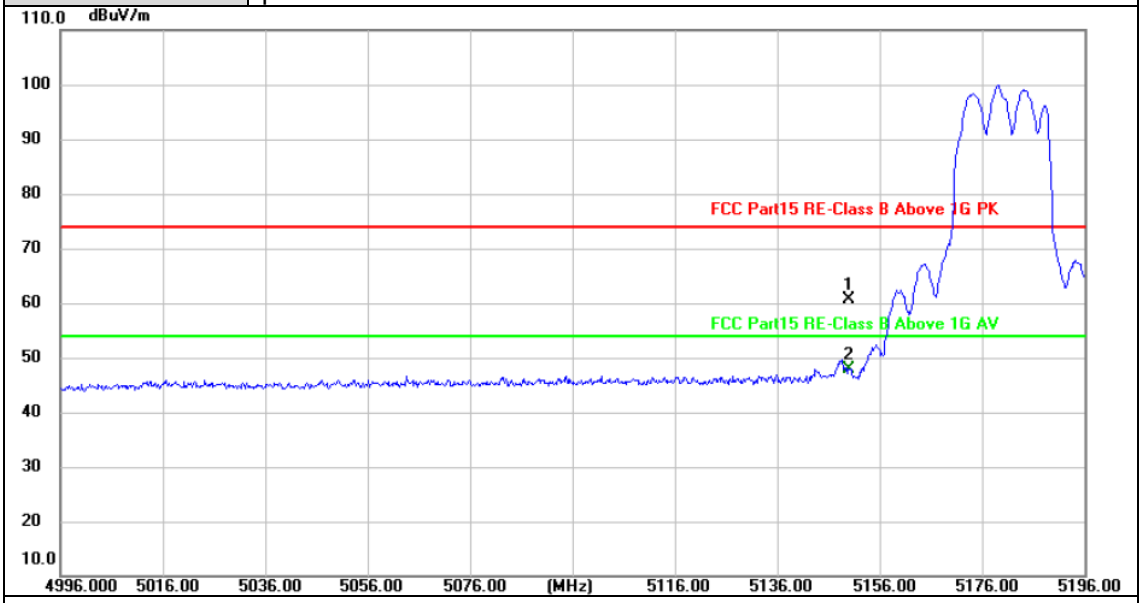
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT20) Mode 5240MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 18.66 | 37.41 | 56.07 | 74.00 | -17.93 | peak |
| 2 * | 5350.000 | 5.41 | 37.41 | 42.82 | 54.00 | -11.18 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

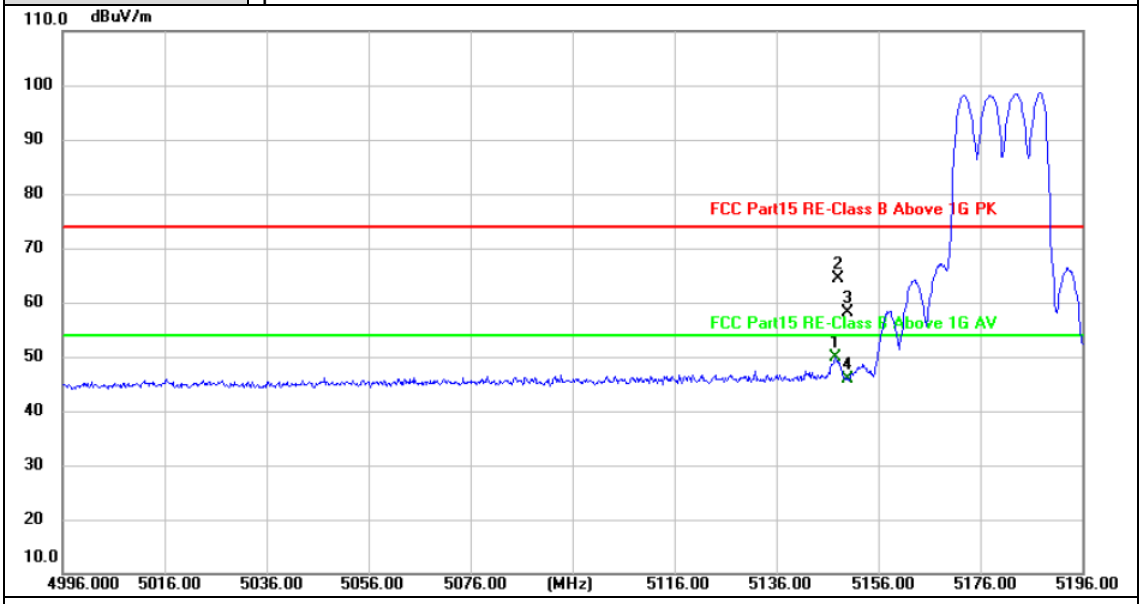
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5180MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5150.000 | 23.47 | 37.15 | 60.62 | 74.00 | -13.38 | peak |
| 2 * | 5150.000 | 10.74 | 37.15 | 47.89 | 54.00 | -6.11 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

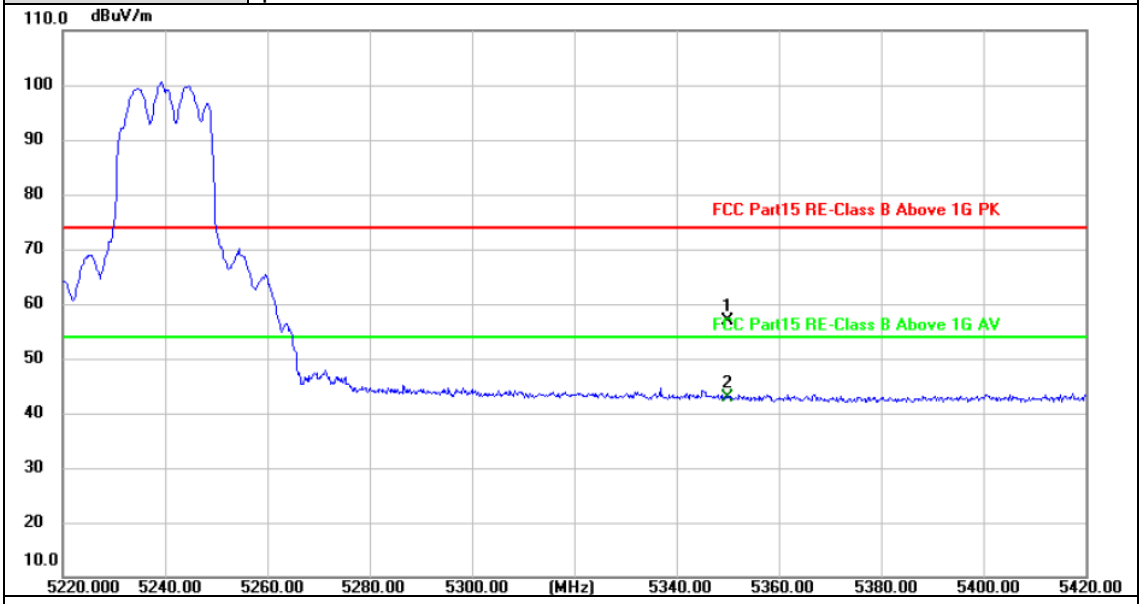
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5180MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5147.790 | 12.62 | 37.15 | 49.77 | 54.00 | -4.23 | AVG |
| 2 | 5148.120 | 27.32 | 37.15 | 64.47 | 74.00 | -9.53 | peak |
| 3 | 5150.000 | 21.09 | 37.15 | 58.24 | 74.00 | -15.76 | peak |
| 4 | 5150.000 | 8.70 | 37.15 | 45.85 | 54.00 | -8.15 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

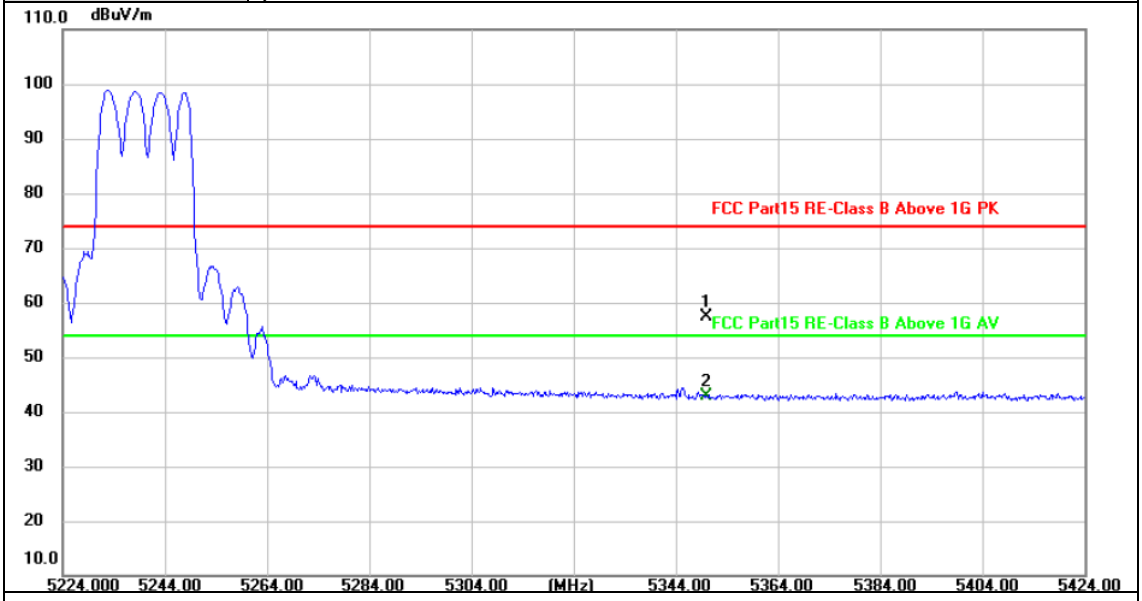
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5240MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 19.59 | 37.41 | 57.00 | 74.00 | -17.00 | peak |
| 2 * | 5350.000 | 5.58 | 37.41 | 42.99 | 54.00 | -11.01 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

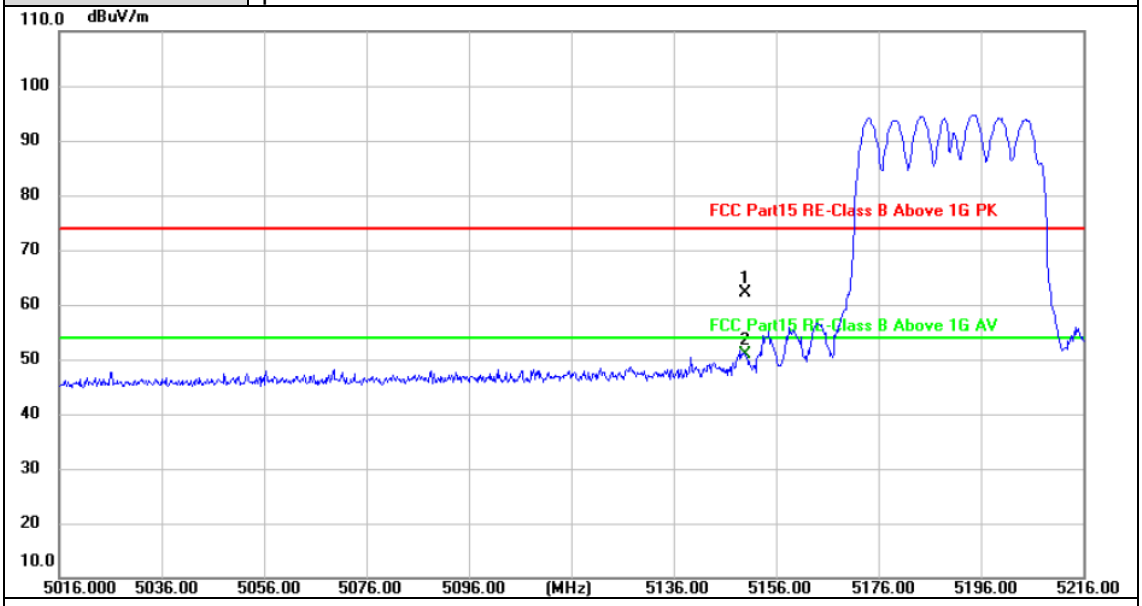
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5240MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 20.09 | 37.41 | 57.50 | 74.00 | -16.50 | peak |
| 2 * | 5350.000 | 5.42 | 37.41 | 42.83 | 54.00 | -11.17 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

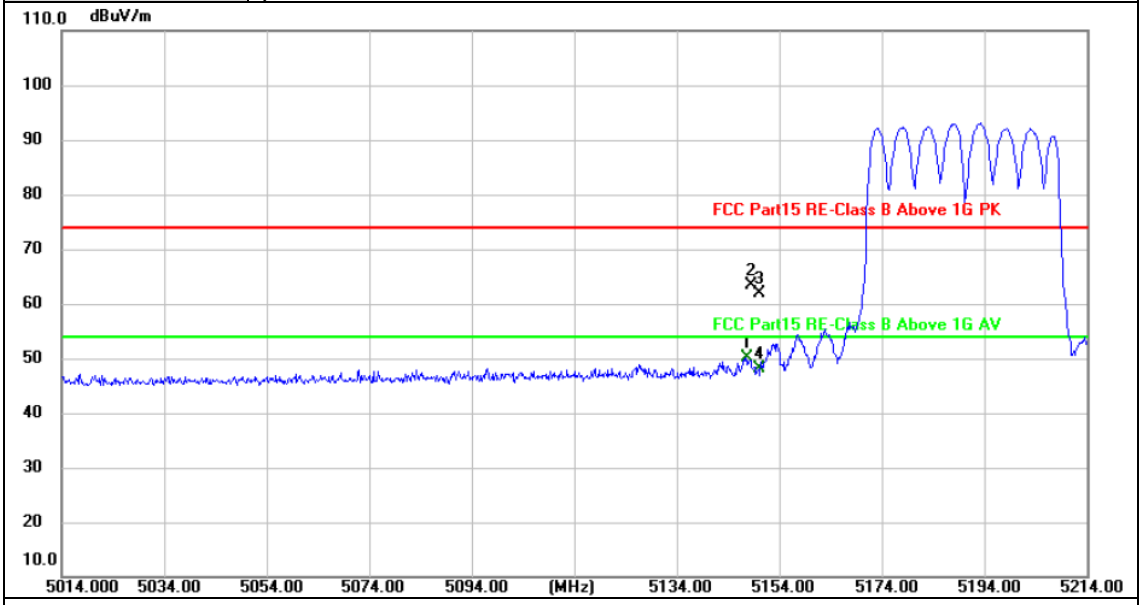
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT40) Mode 5190MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5150.000 | 25.06 | 37.15 | 62.21 | 74.00 | -11.79 | peak |
| 2 * | 5150.000 | 13.68 | 37.15 | 50.83 | 54.00 | -3.17 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

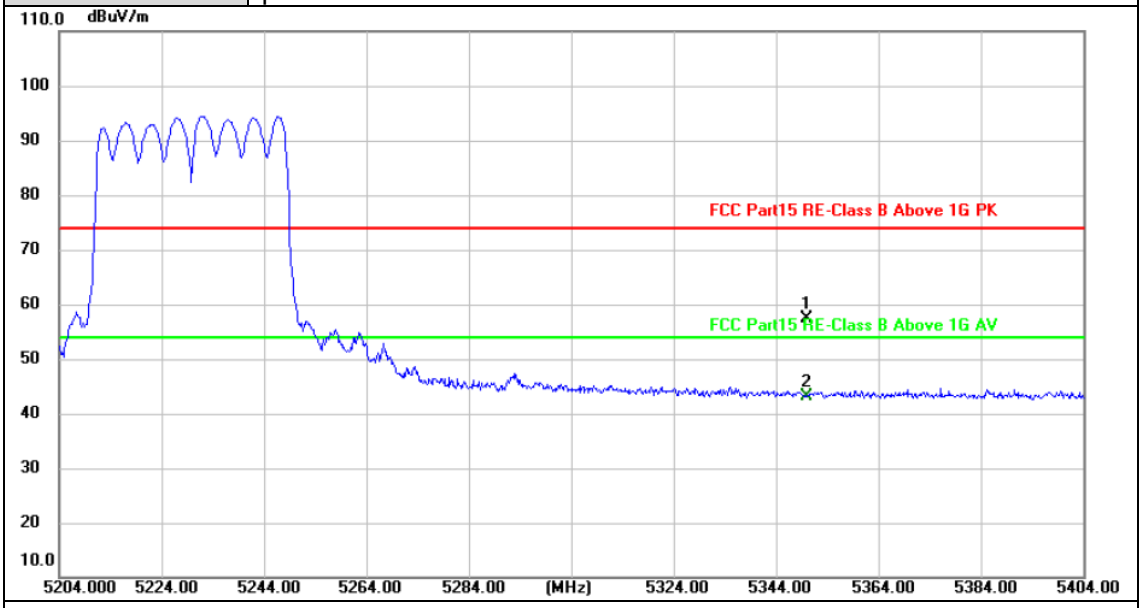
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT40) Mode 5190MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5147.507 | 12.88 | 37.15 | 50.03 | 54.00 | -3.97 | AVG |
| 2 | 5148.400 | 26.15 | 37.15 | 63.30 | 74.00 | -10.70 | peak |
| 3 | 5150.000 | 24.63 | 37.15 | 61.78 | 74.00 | -12.22 | peak |
| 4 | 5150.000 | 11.02 | 37.15 | 48.17 | 54.00 | -5.83 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

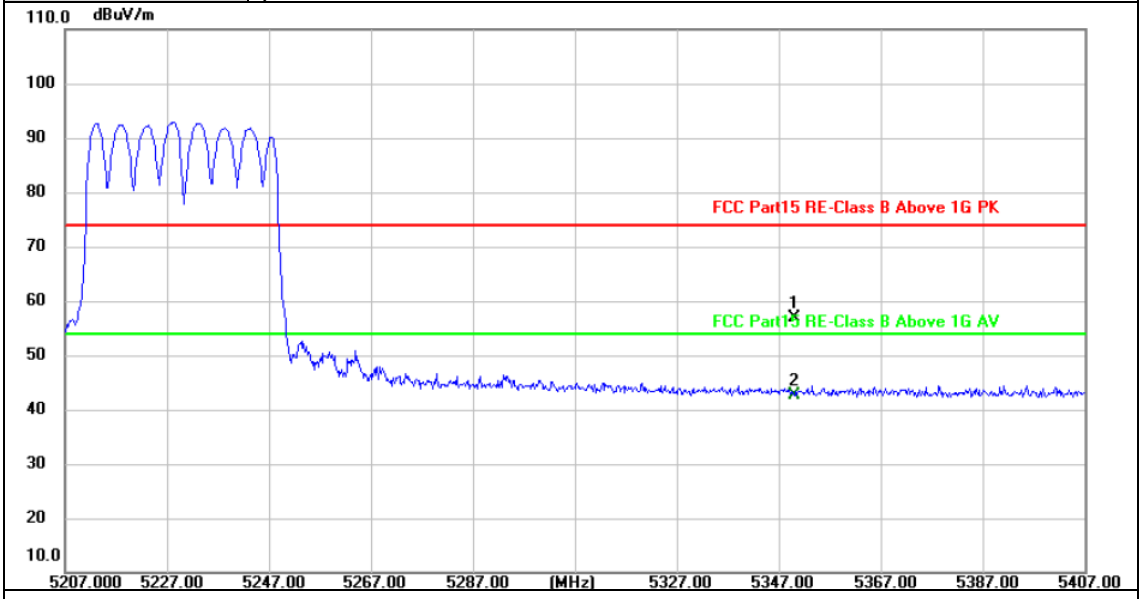
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT40) Mode 5230MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 19.96 | 37.41 | 57.37 | 74.00 | -16.63 | peak |
| 2 * | 5350.000 | 5.80 | 37.41 | 43.21 | 54.00 | -10.79 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

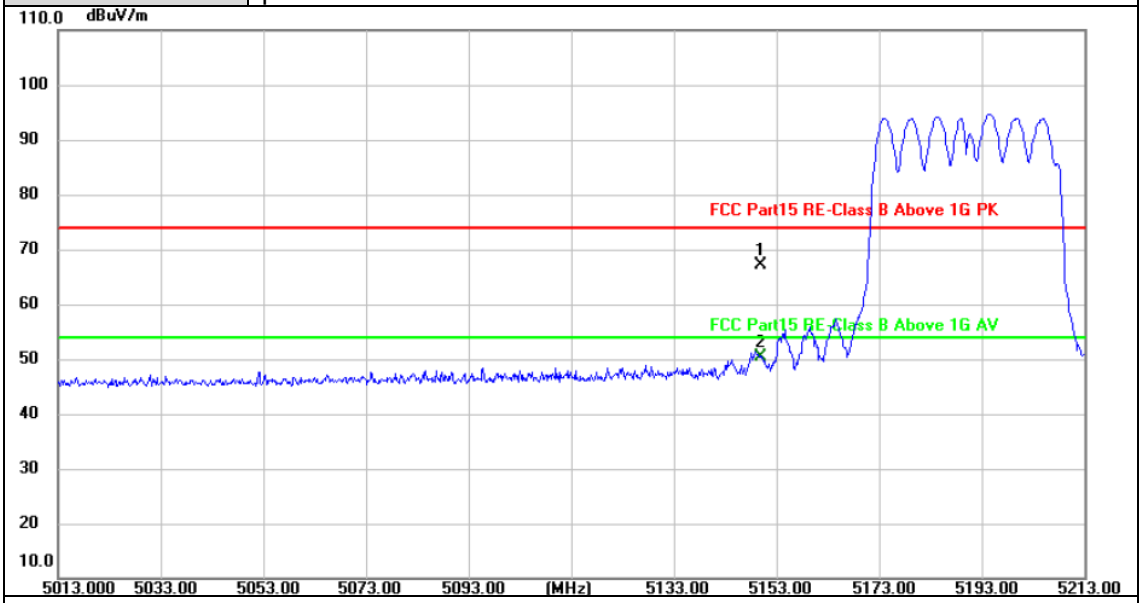
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT40) Mode 5230MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 19.51 | 37.41 | 56.92 | 74.00 | -17.08 | peak |
| 2 * | 5350.000 | 5.26 | 37.41 | 42.67 | 54.00 | -11.33 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

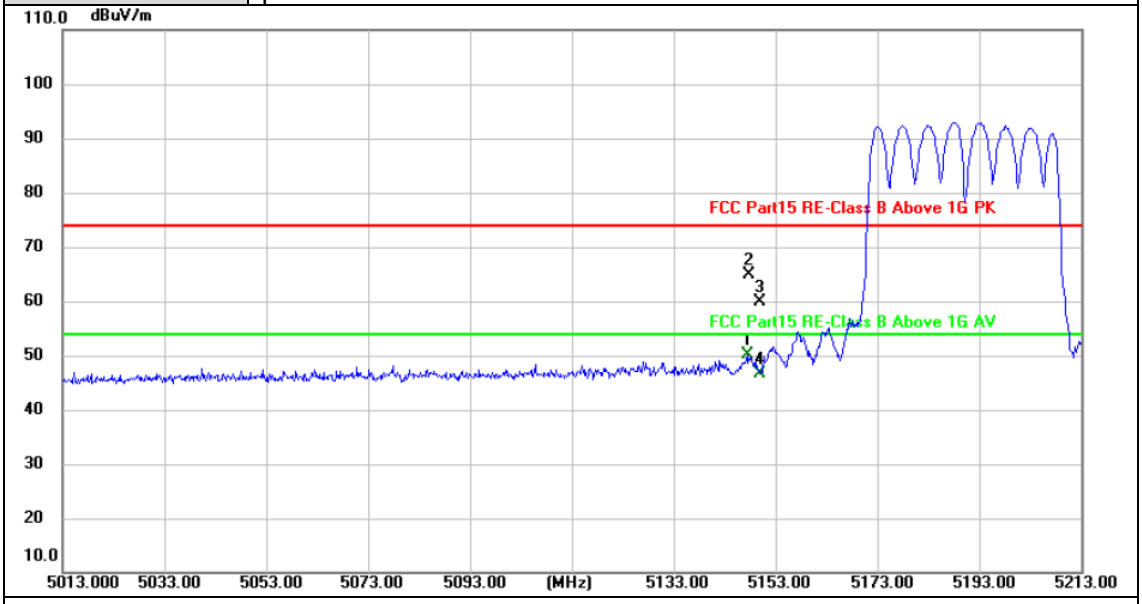
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5190MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5150.000 | 30.04 | 37.15 | 67.19 | 74.00 | -6.81 | peak |
| 2 * | 5150.000 | 13.35 | 37.15 | 50.50 | 54.00 | -3.50 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

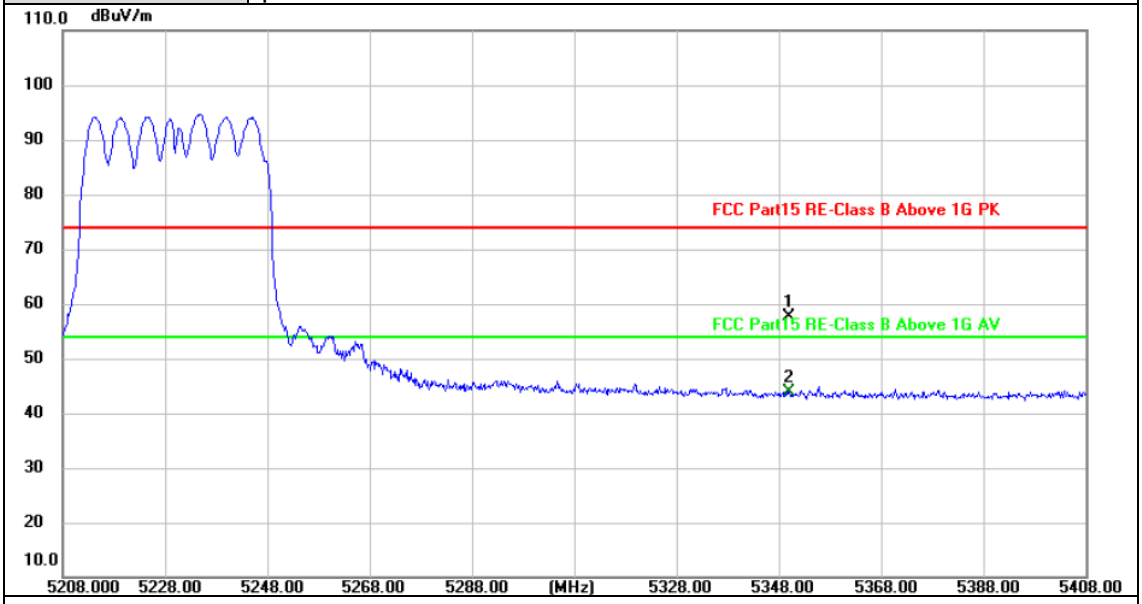
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5190MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5147.467 | 13.02 | 37.15 | 50.17 | 54.00 | -3.83 | AVG |
| 2 | 5147.880 | 27.75 | 37.15 | 64.90 | 74.00 | -9.10 | peak |
| 3 | 5150.000 | 22.75 | 37.15 | 59.90 | 74.00 | -14.10 | peak |
| 4 | 5150.000 | 9.38 | 37.15 | 46.53 | 54.00 | -7.47 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

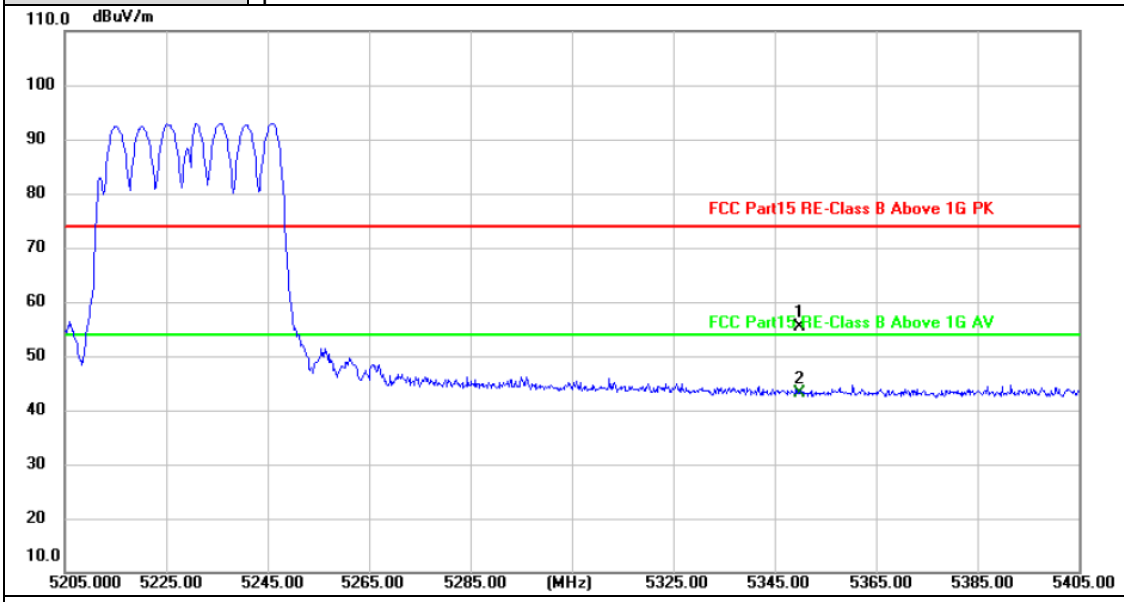
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5230MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 20.11 | 37.41 | 57.52 | 74.00 | -16.48 | peak |
| 2 * | 5350.000 | 6.46 | 37.41 | 43.87 | 54.00 | -10.13 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

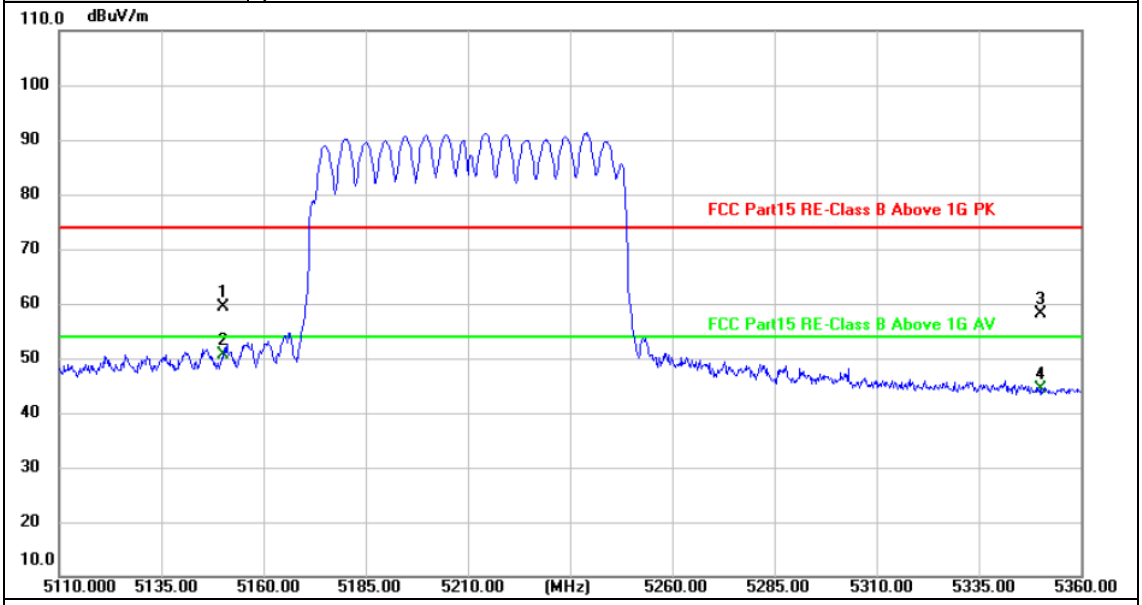
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5230MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 17.87 | 37.41 | 55.28 | 74.00 | -18.72 | peak |
| 2 * | 5350.000 | 5.79 | 37.41 | 43.20 | 54.00 | -10.80 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

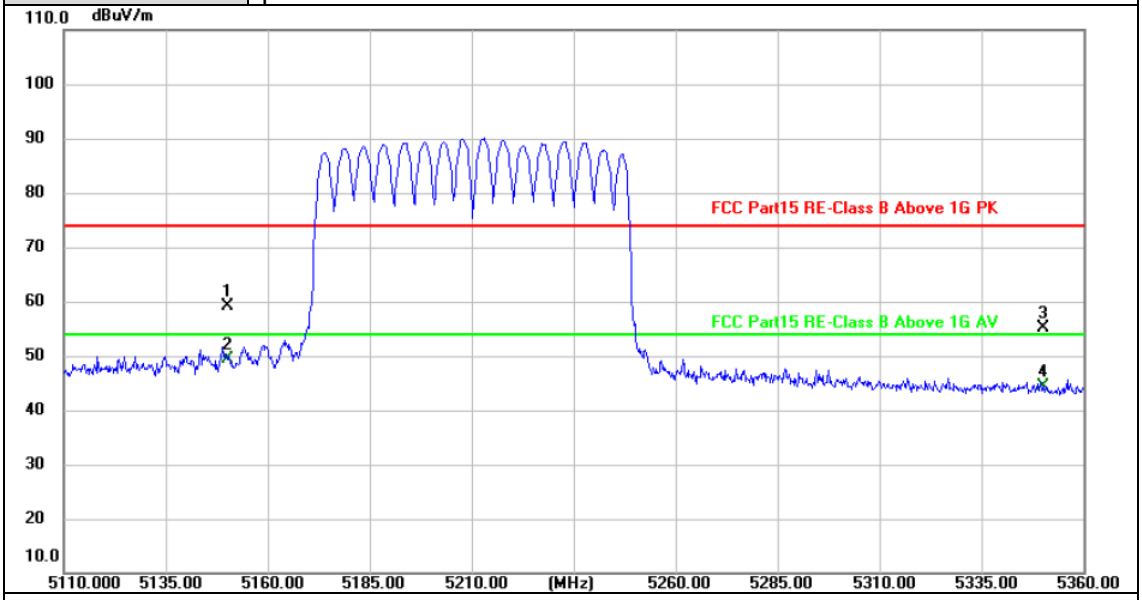
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT80) Mode 5210MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5150.000 | 22.18 | 37.15 | 59.33 | 74.00 | -14.67 | peak |
| 2 * | 5150.000 | 13.58 | 37.15 | 50.73 | 54.00 | -3.27 | AVG |
| 3 | 5350.000 | 20.77 | 37.41 | 58.18 | 74.00 | -15.82 | peak |
| 4 | 5350.000 | 6.88 | 37.41 | 44.29 | 54.00 | -9.71 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

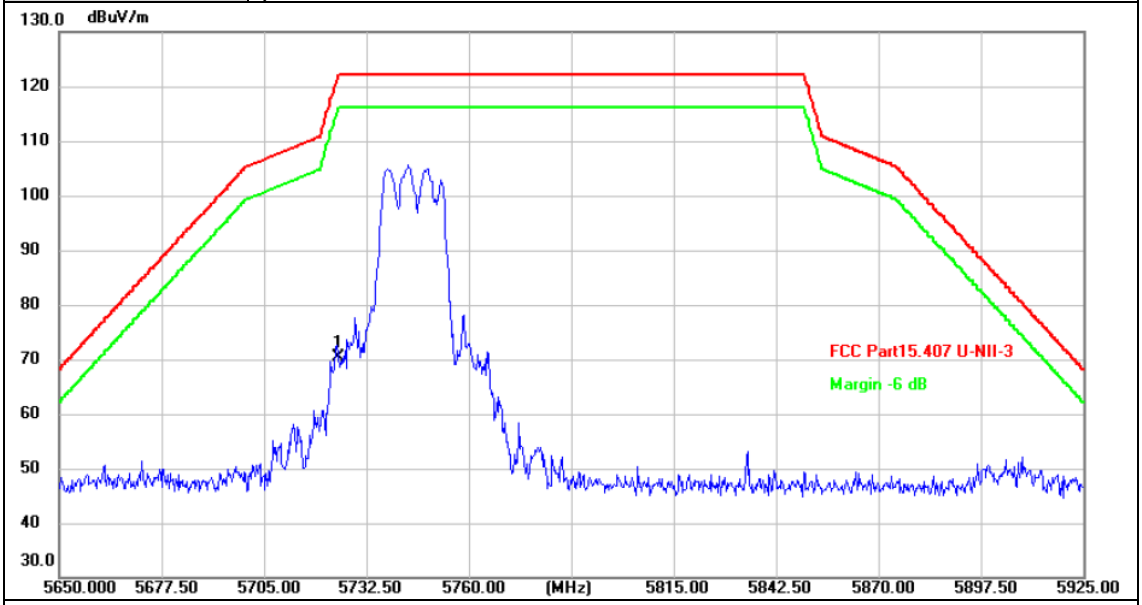
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT80) Mode 5210MHz (U-NII-1) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5150.000 | 22.03 | 37.15 | 59.18 | 74.00 | -14.82 | peak |
| 2 * | 5150.000 | 12.24 | 37.15 | 49.39 | 54.00 | -4.61 | AVG |
| 3 | 5350.000 | 17.72 | 37.41 | 55.13 | 74.00 | -18.87 | peak |
| 4 | 5350.000 | 7.01 | 37.41 | 44.42 | 54.00 | -9.58 | AVG |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

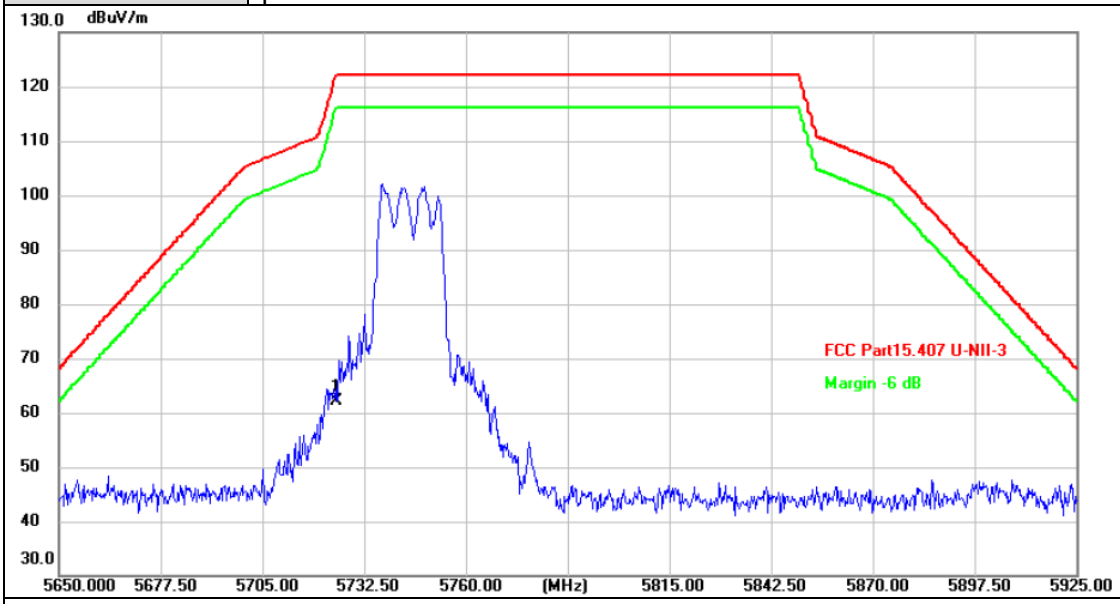
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11a Mode 5745MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5725.000 | 65.44 | 5.00 | 70.44 | 122.20 | -51.76 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

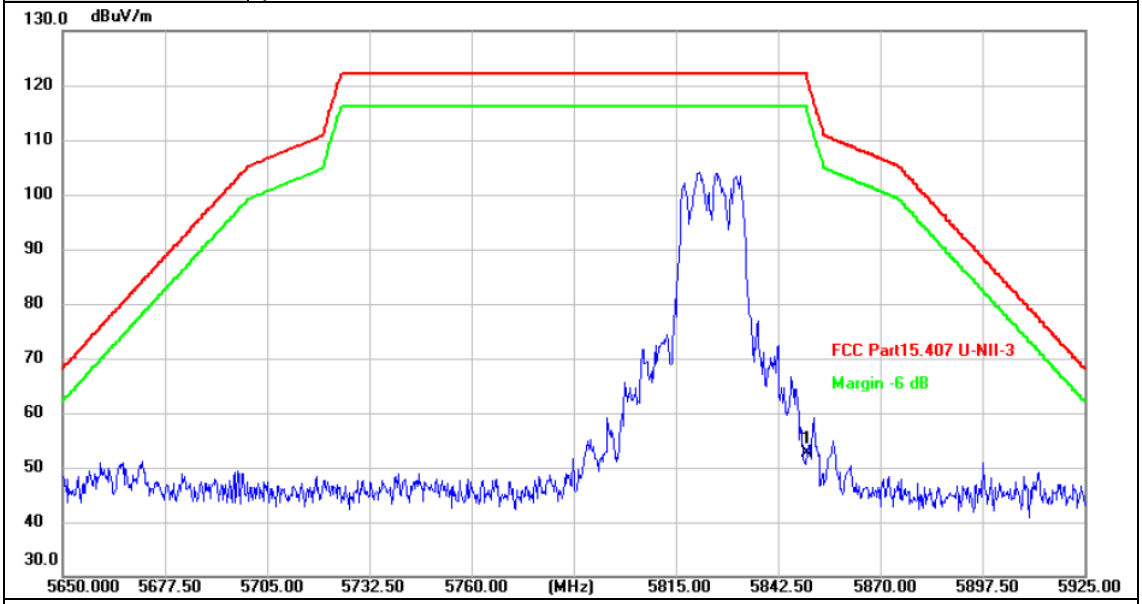
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11a Mode 5745MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5725.000 | 57.02 | 5.00 | 62.02 | 122.20 | -60.18 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

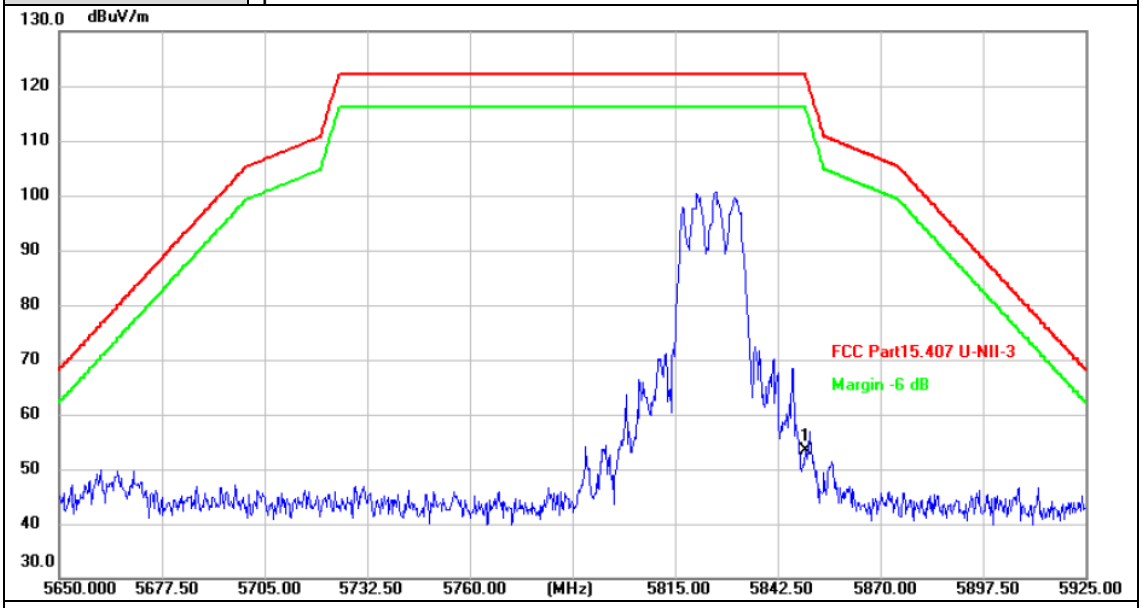
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11a Mode 5825MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5850.000 | 47.22 | 5.38 | 52.60 | 122.20 | -69.60 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

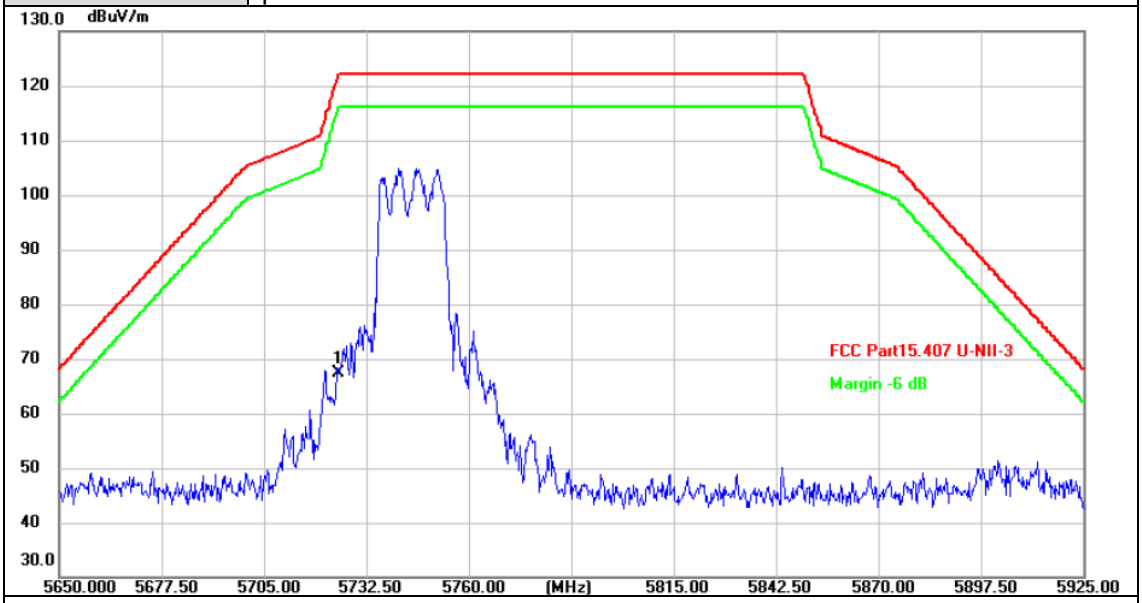
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11a Mode 5825MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5850.000 | 47.89 | 5.38 | 53.27 | 122.20 | -68.93 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

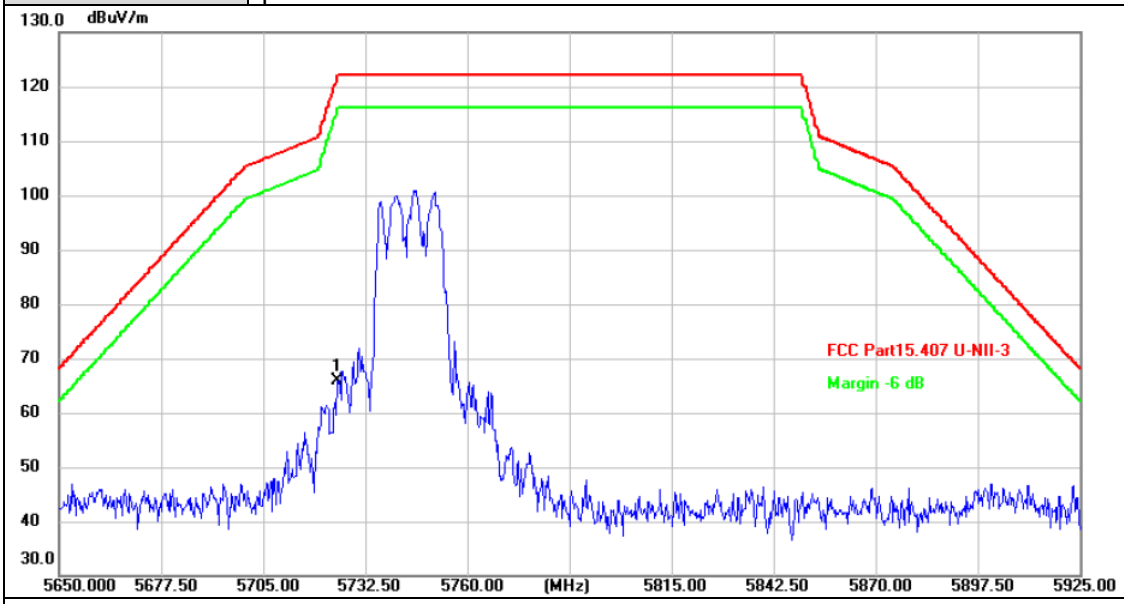
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT20) Mode 5745MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5725.000 | 62.43 | 5.00 | 67.43 | 122.20 | -54.77 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

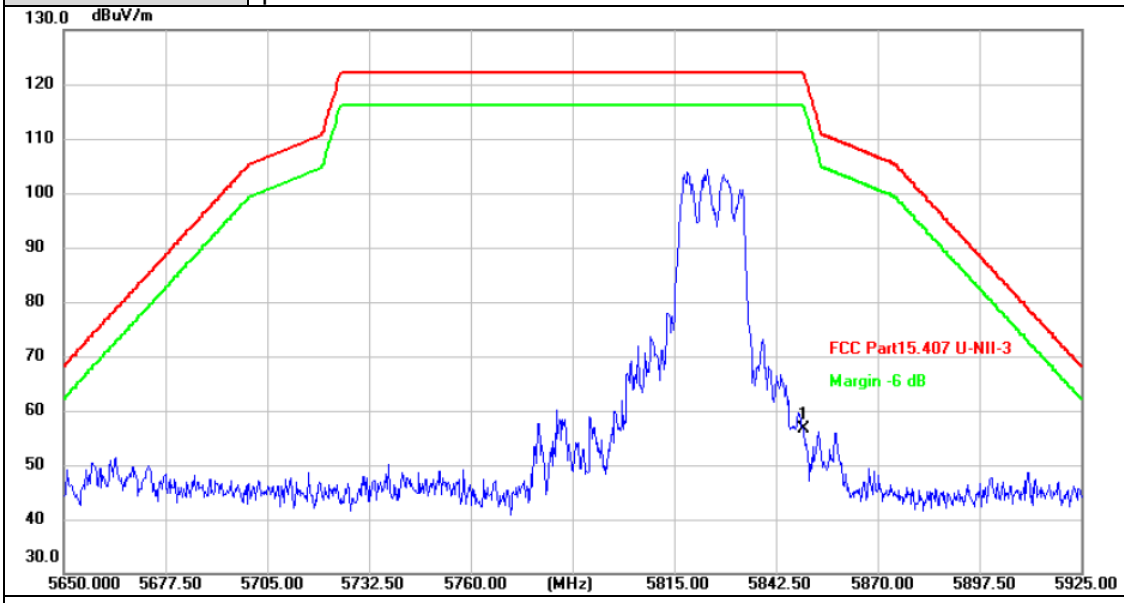
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT20) Mode 5745MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5725.000 | 60.96 | 5.00 | 65.96 | 122.20 | -56.24 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

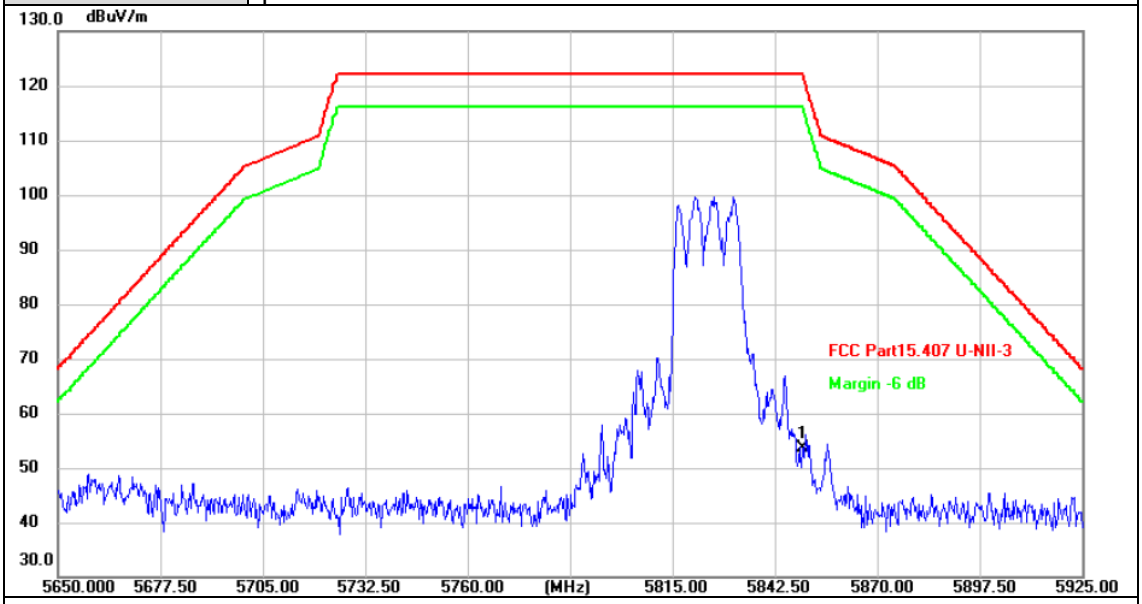
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT20) Mode 5825MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5850.000 | 51.20 | 5.38 | 56.58 | 122.20 | -65.62 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

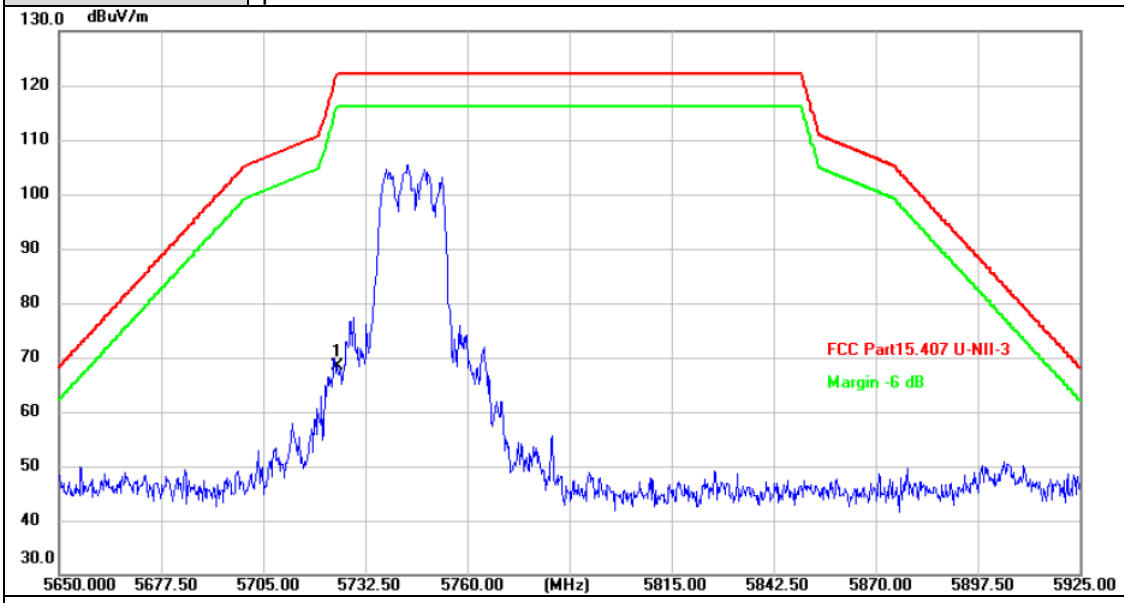
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT20) Mode 5825MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5850.000 | 48.25 | 5.38 | 53.63 | 122.20 | -68.57 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

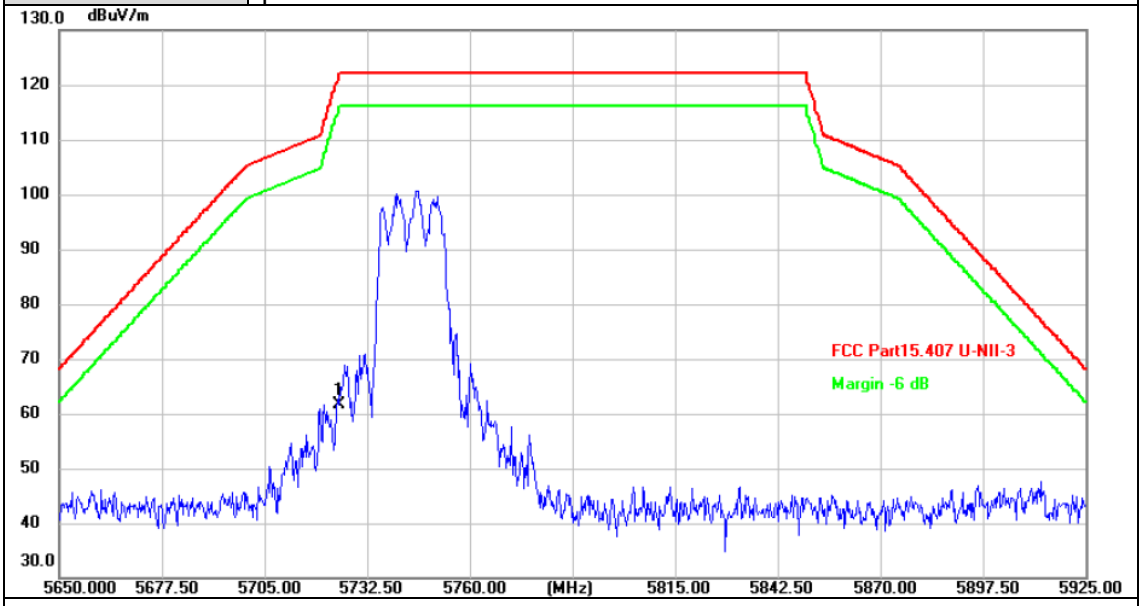
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5745MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5725.000 | 63.37 | 5.00 | 68.37 | 122.20 | -53.83 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

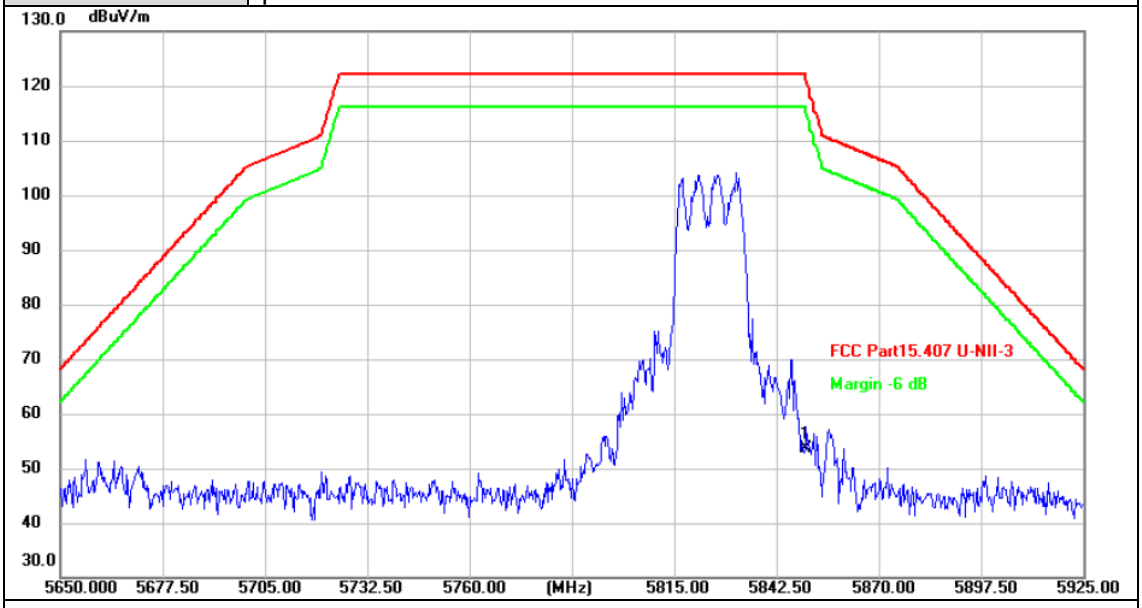
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5745MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5725.000 | 56.70 | 5.00 | 61.70 | 122.20 | -60.50 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

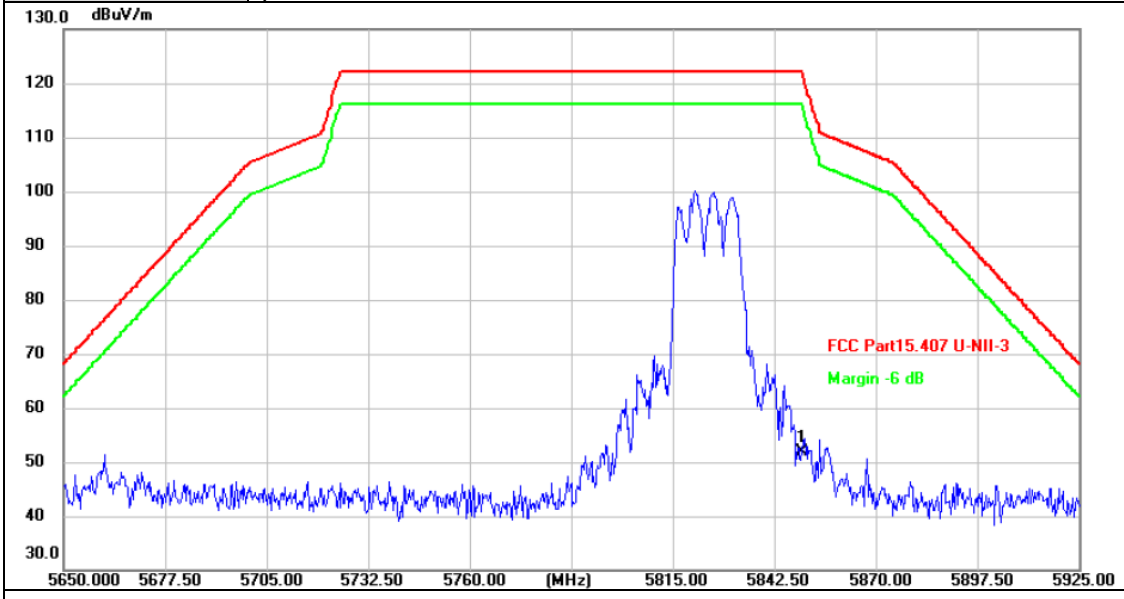
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5825MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5850.000 | 48.22 | 5.38 | 53.60 | 122.20 | -68.60 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

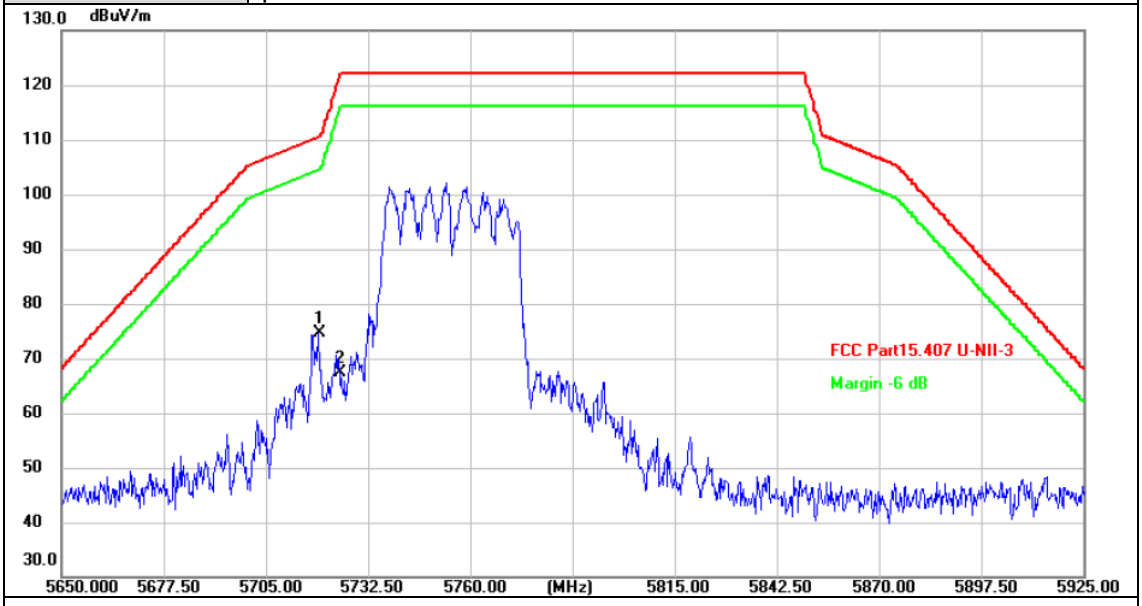
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT20) Mode 5825MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5850.000 | 46.45 | 5.38 | 51.83 | 122.20 | -70.37 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

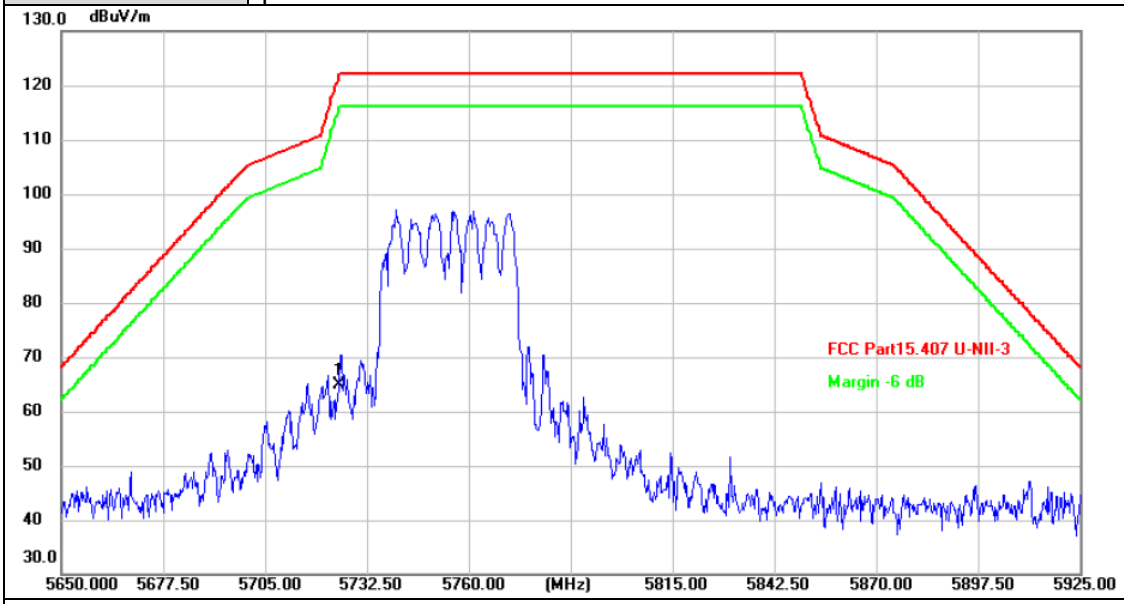
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT40) Mode 5755MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5719.117 | 69.54 | 4.98 | 74.52 | 110.55 | -36.03 | peak |
| 2 | 5725.000 | 62.28 | 5.00 | 67.28 | 122.20 | -54.92 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

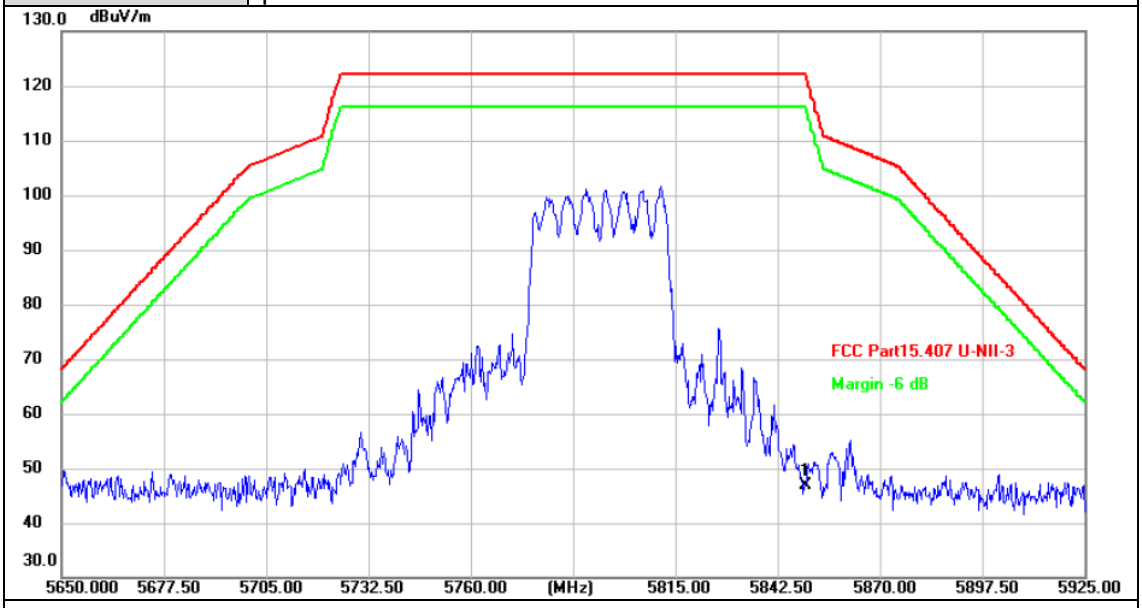
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT40) Mode 5755MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5725.000 | 59.82 | 5.00 | 64.82 | 122.20 | -57.38 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

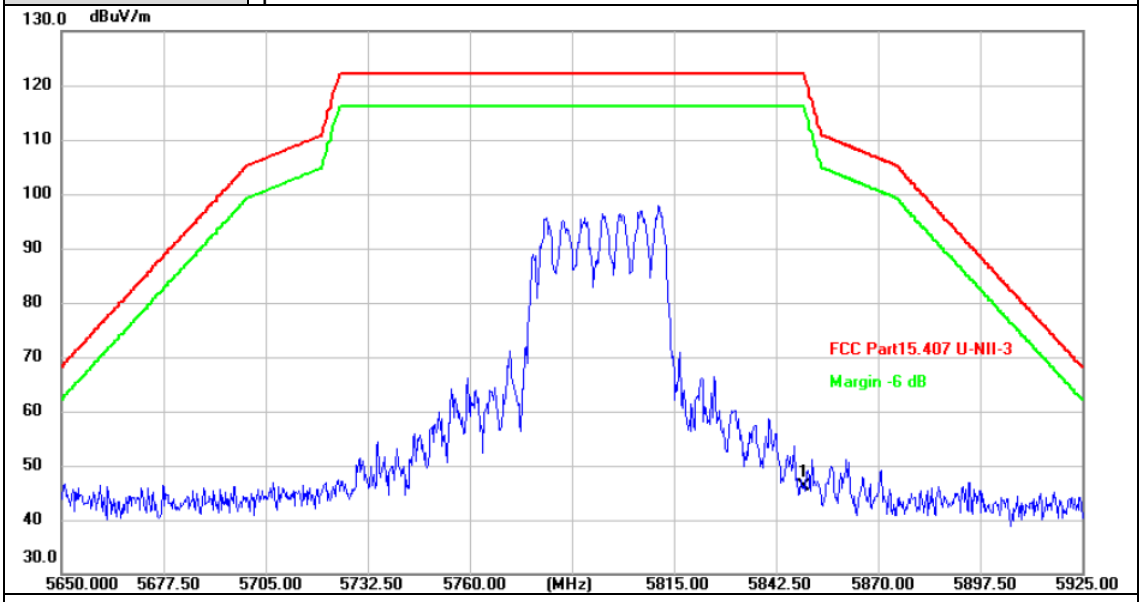
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11n(HT40) Mode 5795MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5850.000 | 41.49 | 5.38 | 46.87 | 122.20 | -75.33 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

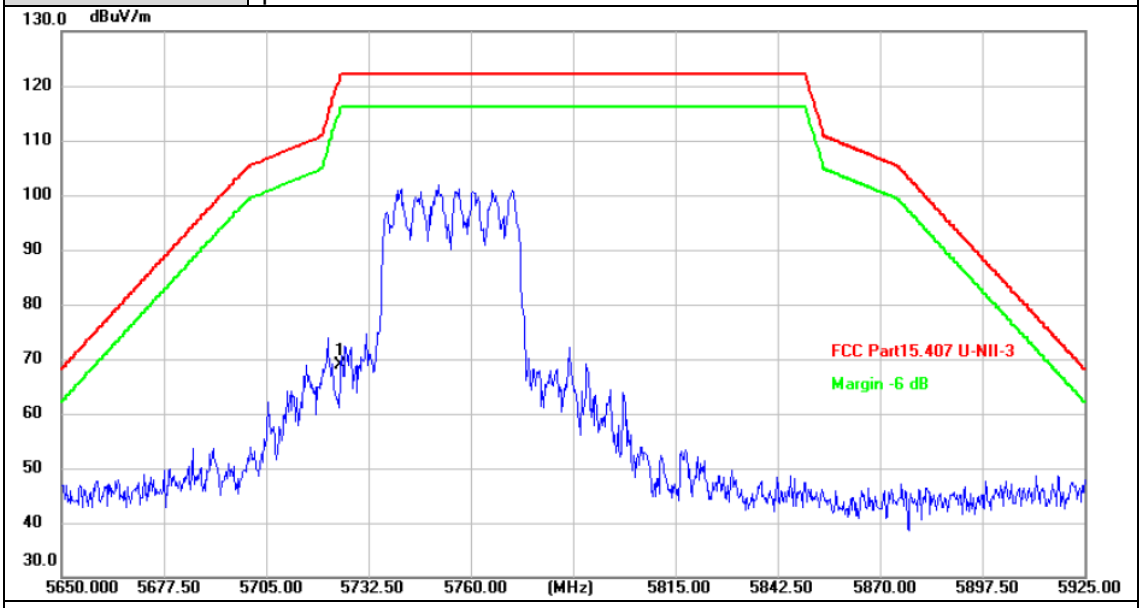
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11n(HT40) Mode 5795MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5850.000 | 40.68 | 5.38 | 46.06 | 122.20 | -76.14 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

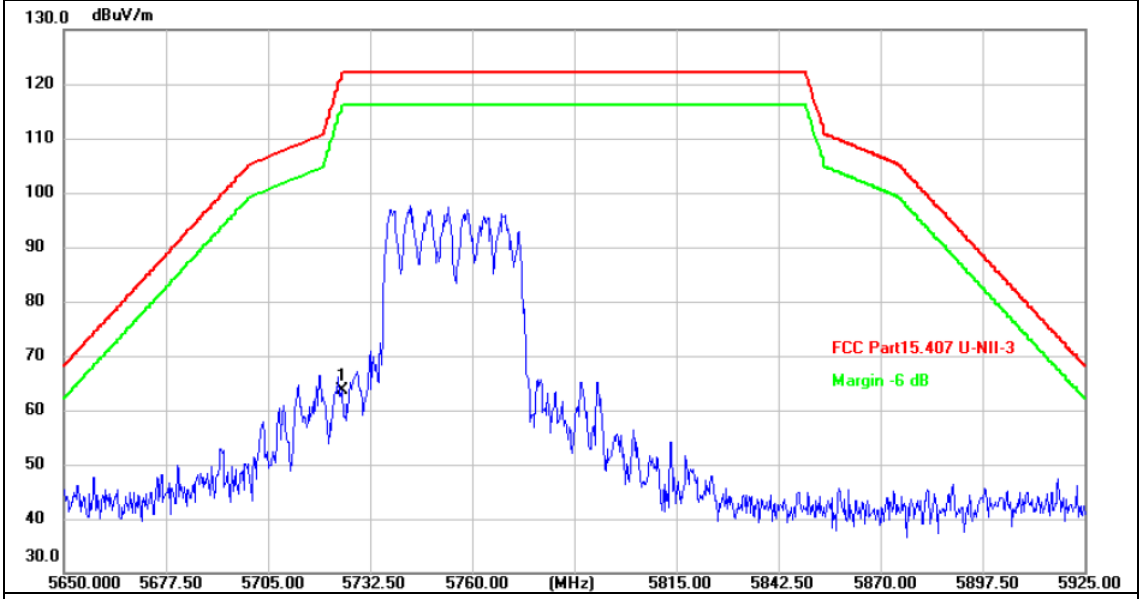
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5755MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5725.000 | 63.81 | 5.00 | 68.81 | 122.20 | -53.39 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

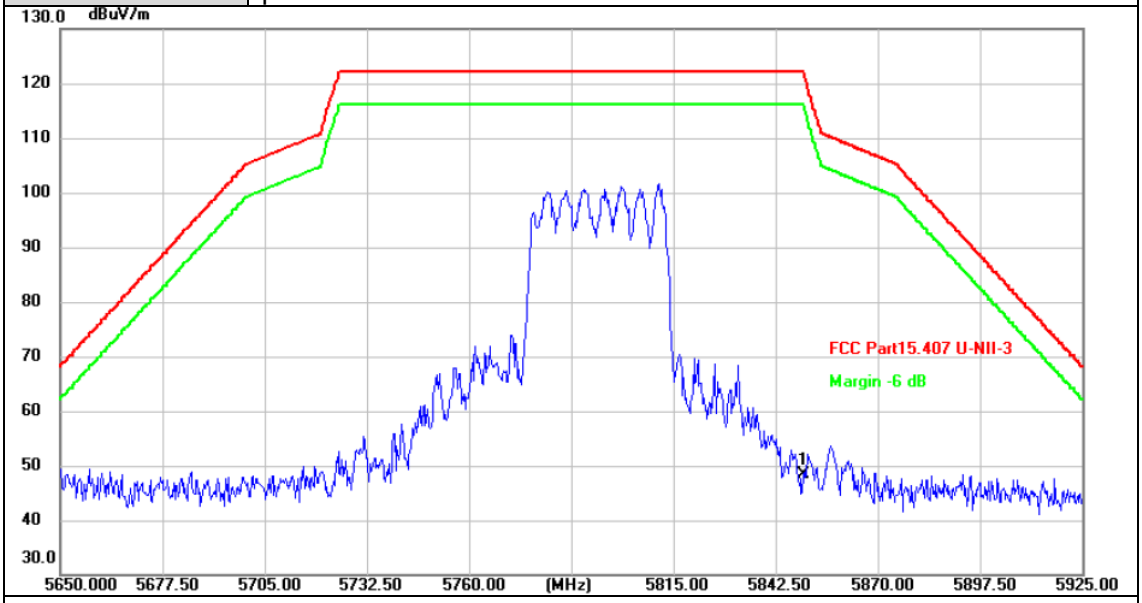
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5755MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5725.000 | 58.65 | 5.00 | 63.65 | 122.20 | -58.55 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

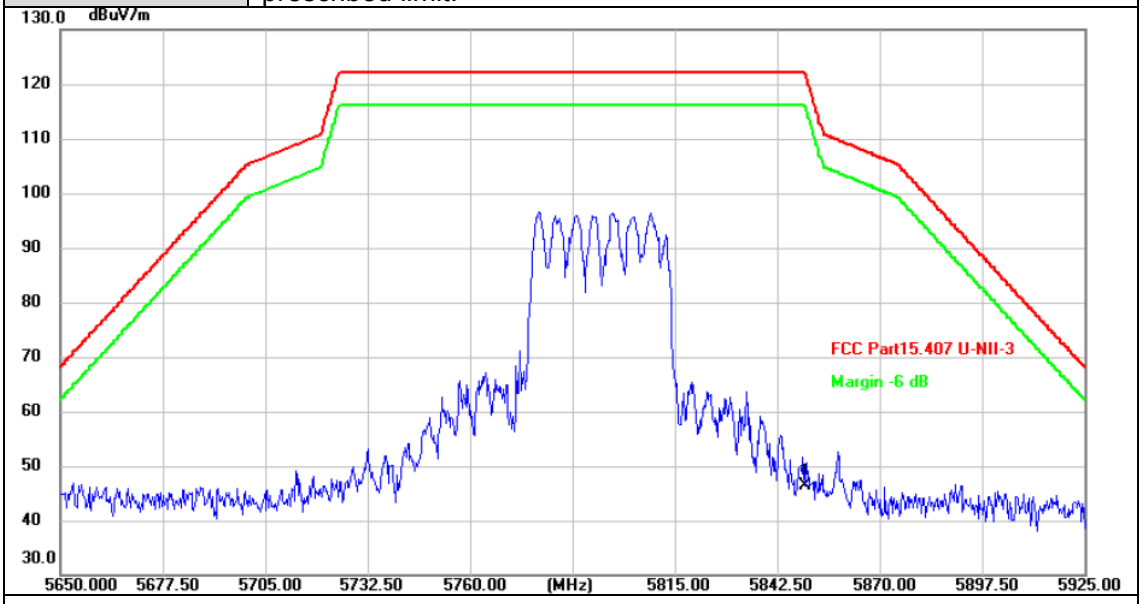
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5795MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5850.000 | 43.08 | 5.38 | 48.46 | 122.20 | -73.74 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

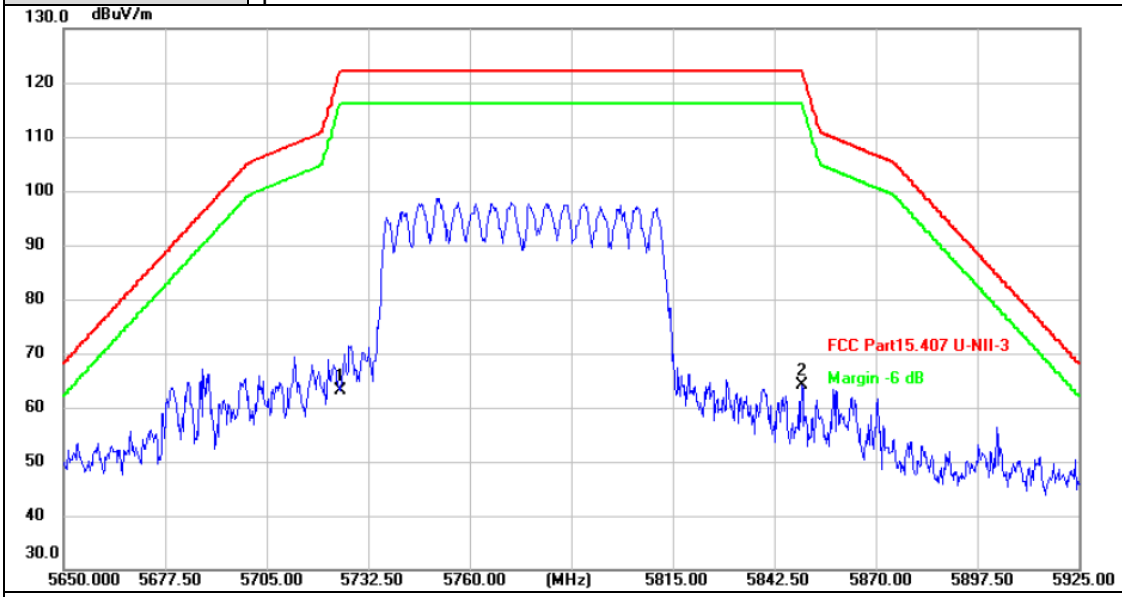
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT40) Mode 5795MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5850.000 | 40.98 | 5.38 | 46.36 | 122.20 | -75.84 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

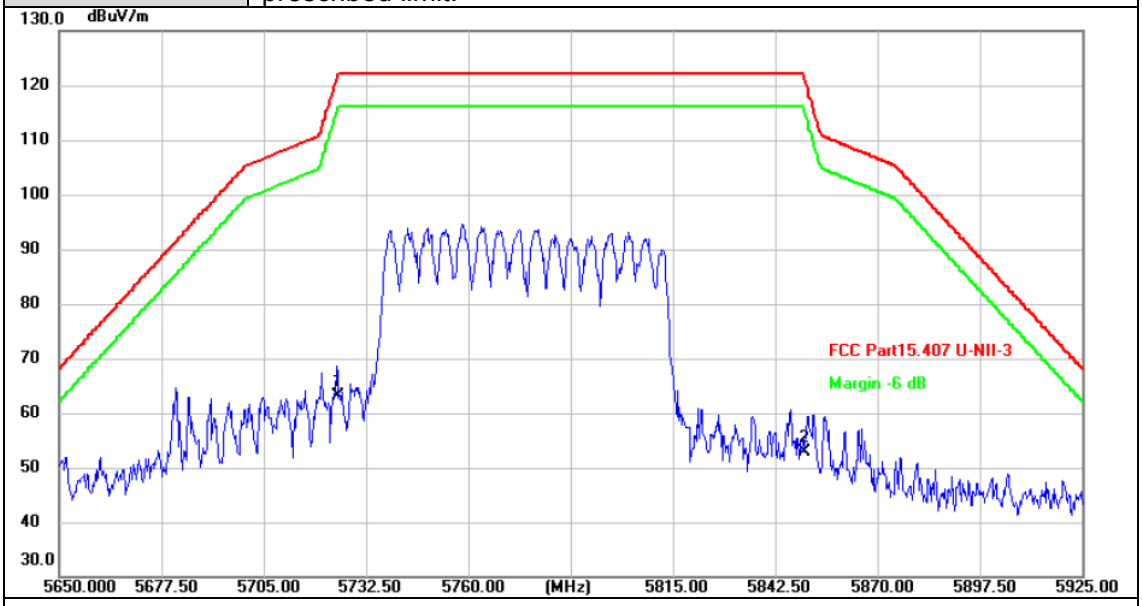
| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Horizontal |
| **Test Mode:** | TX 802.11ac(VHT80) Mode 5775MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 | 5725.000 | 58.01 | 5.00 | 63.01 | 122.20 | -59.19 | peak |
| 2 * | 5850.000 | 58.67 | 5.38 | 64.05 | 122.20 | -58.15 | peak |

Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

| | |
|---|---|
| **Ant No.:** | Ant 1 + Ant 2 |
| **Ant. Pol.:** | Vertical |
| **Test Mode:** | TX 802.11ac(VHT80) Mode 5775MHz (U-NII-3) |
| **Remark:** | No report for the emission which more than 10 dB below the prescribed limit. |




| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|---|---|---|---|---|---|---|---|
| 1 * | 5725.000 | 58.21 | 5.00 | 63.21 | 122.20 | -58.99 | peak |
| 2 | 5850.000 | 47.55 | 5.38 | 52.93 | 122.20 | -69.27 | peak |

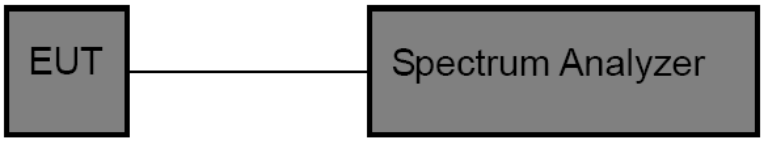
Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

## 3.4. Bandwidth Test

**Limit**

| FCC Part 15 Subpart C(15.407)/ RSS-247 | | |
|---|---|---|
| **Test Item** | **Limit** | **Frequency Range (MHz)** |
| 26 Bandwidth | N/A | 5150~5250 |
| | | 5250~5350 |
| | | 5500~5700 |
| 6 dB Bandwidth | >500kHz | 5725~5850 |

**Test Configuration**




**Test Procedure**

Please refer to According to KDB789033 D02, for the measurement methods.

**The setting of the spectrum analyser as below:**

| 26dB Bandwidth Test | |
|---|---|
| **Spectrum Parameters** | **Setting** |
| Attenuation | Auto |
| Span | >26 dB Bandwidth |
| RBW | Approximately 1% of the emission bandwidth |
| VBW | VBW>RBW |
| Detector | Peak |
| Trace | Max Hold |
| Sweep Time | Auto |

| 6dB Bandwidth Test | |
|---|---|
| **Spectrum Parameters** | **Setting** |
| Attenuation | Auto |
| Span | >6 dB Bandwidth |
| RBW | 100 kHz |
| VBW | VBW>=3*RBW |
| Detector | Peak |
| Trace | Max Hold |
| Sweep Time | Auto |
| **99% Occupied Bandwidth Test** | |
| **Spectrum Parameters** | **Setting** |
| Attenuation | Auto |
| RBW | 1% to 5% of the OBW |
| VBW | ≥ 3RBW |
| Detector | Peak |
| Trace | Max Hold |

Note: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

**Test Mode**

Please refer to the clause 2.4.

**Test Results**

Please see the Appendix A1, A2, A3.

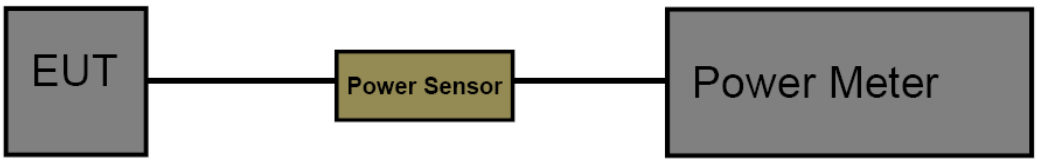
## 3.5. Output Power Test

**Limit**

| FCC Part 15 Subpart E (15.407) | | |
|---|---|---|
| **Test Item** | **Limit** | **Frequency Range(MHz)** |
| Conducted Output Power | Fixed: 1 Watt (30dBm)<br>Mobile and Portable:<br>250mW (24dBm) | 5150~5250 |
| | 250mW (24dBm) | 5250~5350 |
| | 250mW (24dBm) | 5500~5700 |
| | 1 Watt (30dBm) | 5725~5850 |

| IC Power&PSD Limit | | | | | |
|---|---|---|---|---|---|
| Frequency | Type of devices | Maximum Conducted Output Power | EIRP Output Power | Conducted Power Spectral Density | EIRP Power Spectral Density |
| 5150MHz-5250MHz | in vehicles | | 30mW or 1.76 + 10 × log10B dBm, whichever is less (B=99% OBW in MHz) | | |
| | Other Devices | | 200mW or 10 + 10 × log10B dBm, whichever is less (B=99% OBW in MHz) | | 10dBm/MHz |
| 5250MHz-5350MHz | in vehicles | | 30mW or 1.76 + 10 × log10B dBm, whichever is less (B=99% OBW in MHz) | | |
| | Other Devices | 250mW or 11 + 10 × log10B dBm, whichever is less (B=99% OBW in MHz) | 1W or 17 + 10 ×log10B dBm, whichever is less (B=99% OBW in MHz) | 11dBm/Mhz | |
| 5470MHz-5600MHz<br>5650MHz-5725MHz | ALL Devices | 250mW or 11 + 10 × log10B dBm, whichever is less (B=99% OBW in MHz) | 1W or 17 + 10 ×log10B dBm, whichever is less (B=99% OBW in MHz) | 11dBm/Mhz | |
| 5725MHz-5850MHz | ALL Devices | 1W | | 30dBm/500KHz | |

**Test Configuration**



**Test Procedure**

The measurement is according to section 3 of KDB 789033 D02 General UNII Test Procedures New Rules V02r01.

**Test Mode**

Please refer to the clause 2.4.

**Test Result**

Please see the Appendix B.

## 3.6. Power Spectral Density Test

**Limit**

**FCC Part 15 Subpart E(15.407)/ RSS-247**

For the 5.15~5.25GHz band:

- Outdoor AP

  The peak power spectral density (PSD) shall not exceed the lesser of 17dBm/MHz.
  If $G_{Tx}$>6dBi, then PSD =17-($G_{Tx}$-6).

- Indoor AP

  The peak power spectral density (PSD) shall not exceed the lesser of 17dBm/MHz.
  If $G_{Tx}$>6dBi, then PSD =17-($G_{Tx}$-6).

- Point-to-point AP

  The peak power spectral density (PSD) shall not exceed the lesser of 17dBm/MHz.
  If $G_{Tx}$>23dBi, then PSD =17-($G_{Tx}$-23).

- Client devices

  The peak power spectral density (PSD) shall not exceed the lesser of 11dBm/MHz.
  If $G_{Tx}$>6dBi, then PSD =11-($G_{Tx}$-6).

For the 5.25~5.35GHz band:

The peak power spectral density (PSD) shall not exceed the lesser of 11dBm/MHz.
If $G_{Tx}$>6dBi, then PSD =11-($G_{Tx}$-6).

For the 5.47~5.725GHz band:

The peak power spectral density (PSD) shall not exceed the lesser of 11dBm/MHz.
If $G_{Tx}$>6dBi, then PSD =11-($G_{Tx}$-6).

For the 5.725~5.85GHz band:

- Point-to-multipoint systems (P2M)

  The peak power spectral density (PSD) shall not exceed the lesser of 30dBm/500kHz.
  If $G_{Tx}$>6dBi, then PSD =30-($G_{Tx}$-6).

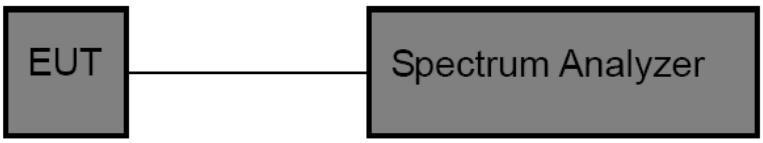
- Point-to-point systems (P2P)

  The peak power spectral density (PSD) shall not exceed the lesser of 30dBm/500kHz.

Note: $G_{Tx}$: EUT Antenna gain.

| IC Power&PSD Limit | | | | | |
|---|---|---|---|---|---|
| Frequency | Type of devices | Maximum Conducted Output Power | EIRP Output Power | Conducted Power Spectral Density | EIRP Power Spectral Density |
| 5150MHz-5250MHz | in vehicles | | 30mW or 1.76 + 10 × log10B dBm, whichever is less (B=99% OBW in MHz) | | |
| | Other Devices | | 200mW or 10 + 10 × log10B dBm, whichever is less (B=99% OBW in MHz) | | 10dBm/MHz |
| 5250MHz-5350MHz | in vehicles | | 30mW or 1.76 + 10 × log10B dBm, whichever is less (B=99% OBW in MHz) | | |
| | Other Devices | 250mW or 11 + 10 × log10B dBm, whichever is less (B=99% OBW in MHz) | 1W or 17 + 10 ×log10B dBm, whichever is less (B=99% OBW in MHz) | 11dBm/Mhz | |
| 5470MHz-5600MHz 5650MHz-5725MHz | ALL Devices | 250mW or 11 + 10 × log10B dBm, whichever is less (B=99% OBW in MHz) | 1W or 17 + 10 ×log10B dBm, whichever is less (B=99% OBW in MHz) | 11dBm/Mhz | |
| 5725MHz-5850MHz | ALL Devices | 1W | | 30dBm/500KHz | |

**Test Configuration**




**Test Procedure**

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement is according to KDB 789033 D02 General UNII Test Procedures New Rules V02r01.

(1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
(2) Set analyzer center frequency to transmitting frequency.
(3) Set the span to encompass the entire emissions bandwidth (EBW)(alternatively, the entire 99% OBW) of the signal.
(4) RBW=1MHz for devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz
RBW=500kHz for devices operating in the band 5.725-5.85 GHz
(5) Set the VBW to: ≥ 3 RBW
(6) Detector: AVG
(7) Trace: Max Hold and View
(7) Sweep time: auto
(8) Trace average at least 100 traces in power averaging.
(9) User the peak marker function to determine the maximum amplitude level within the RBW. Apply correction to the result if different RBW is used.

NOTE: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

**Test Mode**

Please refer to the clause 2.4.

**Test Result**

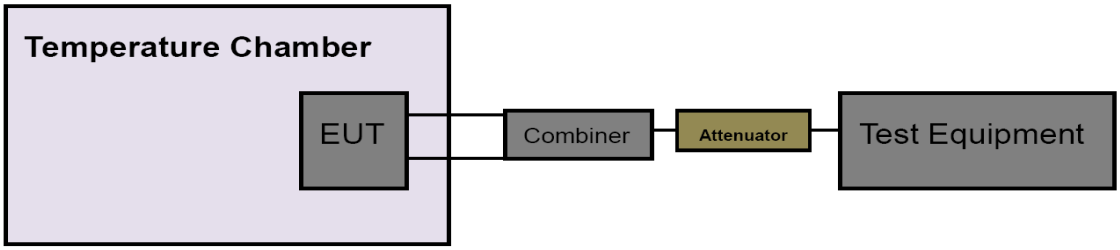
Please see the Appendix C.

## 3.7. Frequency Stability Measurement

**Limit**

| FCC Part 15 Subpart C(15.407) | | |
|---|---|---|
| **Test Item** | **Limit** | **Frequency Range(MHz)** |
| Peak Excursion Measurement | Specified in the user's manual, the transmitter center frequency tolerance shall be ±20 ppm maximum for the 5 GHz band (IEEE 802.11n specification) | 5150~5250 |
| | | 5250~5350 |
| | | 5500~5700 |
| | | 5725~5850 |

**Test Configuration**




**Test Procedure**

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above.

(1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
(2) Set analyzer center frequency to transmitting frequency.
(3) Set the span to encompass the entire emissions bandwidth (EBW) of the signal.
(4) Set the RBW to: 10MHz, VBW=10MHz with peak detector and maxhold settings.
(5) The test extreme voltage is to change the primary supply voltage from 5.5V to 4.5V percent of the nominal value.
(6) Extreme temperature is 0℃~40℃

NOTE: The EUT was set to continuously transmitting in continuously un-modulation transmitting mode.

**Test Mode**

Please refer to the clause 2.4.

**Test Result**

Please see the Appendix D.

## 3.8. Antenna Requirement

**Standard Requirement**

**FCC CFR Title 47 Part 15 Subpart C Section 15.203:**

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

**Test Result**

The directional gain of the antenna U-NII-1: 7.13dBi, U-NII-3: 7.26dBi, please refer to the EUT internal photographs antenna photo.

## 3.9. Dynamic Frequency Selection(DFS)

**Requirement**

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

| Requirement | Operational Mode | | |
|---|---|---|---|
| | Master | Client Without Radar Detection | Client With Radar Detection |
| Non-Occupancy Period | Yes | Not required | Yes |
| DFS Detection Threshold | Yes | Not required | Yes |
| Channel Availability Check Time | Yes | Not required | Not required |
| U-NII Detection Bandwidth | Yes | Not required | Yes |

Table 2: Applicability of DFS requirements during normal operation

| Requirement | Operational Mode | |
|---|---|---|
| | Master Device or Client with Radar Detection | Client Without Radar Detection |
| DFS Detection Threshold | Yes | Not required |
| Channel Closing Transmission Time | Yes | Yes |
| Channel Move Time | Yes | Yes |
| U-NII Detection Bandwidth | Yes | Not required |

| Additional requirements for devices with multiple bandwidth modes | Master Device or Client with Radar Detection | Client Without Radar Detection |
|---|---|---|
| U-NII Detection Bandwidth and Statistical Performance Check | All BW modes must be tested | Not required |
| Channel Move Time and Channel Closing Transmission Time | Test using widest BW mode available | Test using the widest BW mode available for the link |
| All other tests | Any single BW mode | Not required |
| Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency. | | |

**LIMIT**

1. DFS Detection Thresholds

Table 3: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

| Maximum Transmit Power | Value (See Notes 1, 2, and 3) |
|---|---|
| EIRP ≥ 200 milliwatt | -64 dBm |
| EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz | -62 dBm |
| EIRP < 200 milliwatt that do not meet the power spectral density requirement | -64 dBm |
| Note 1: This is the level at the input of the receiver assuming a 0dBi receive antenna.<br>Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.<br>Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01. | |

2. DFS Response Requirements

Table 4: DFS Response Requirement Values

| Parameter | Value |
|---|---|
| Non-occupancy period | Minimum 30 minutes |
| Channel Availability Check Time | 60 seconds |
| Channel Move Time | 10 seconds See Note 1. |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2. |
| U-NII Detection Bandwidth | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3. |
| Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.<br>Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.<br>Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic. | |

**RADAR TEST WAVEFORMS**

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

Table 5 Short Pulse Radar Test Waveforms

| Radar Type | Pulse Width (μsec) | PRI (μsec) | Number of Pulses | Minimum Percentage of Successful Detection | Minimum Number of Trials |
|---|---|---|---|---|---|
| 0 | 1 | 1428 | 18 | See Note 1 | See Note 1 |
| 1 | 1 | Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a | $\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$ | 60% | 30 |
| | | Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A | | | |
| 2 | 1-5 | 150-230 | 23-29 | 60% | 30 |
| 3 | 6-10 | 200-500 | 16-18 | 60% | 30 |
| 4 | 11-20 | 200-500 | 12-16 | 60% | 30 |
| Aggregate (Radar Types 1-4) | | | | 80% | 120 |
| Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests. | | | | | |

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B.

For example if in Short Pulse Radar Type 1 Test B a PRI of 3066 μsec is selected, the number of pulses would be Round up $\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot10^6}{3066}\right)\right\}$ = Round up {17.2} = 18.

Table 5a - Pulse Repetition Intervals Values for Test A

| Pulse Repetition Frequency Number | Pulse Repetition Frequency (Pulses Per Second) | Pulse Repetition Interval (Microseconds) |
|---|---|---|
| 1 | 1930.5 | 518 |
| 2 | 1858.7 | 538 |
| 3 | 1792.1 | 558 |
| 4 | 1730.1 | 578 |
| 5 | 1672.2 | 598 |
| 6 | 1618.1 | 618 |
| 7 | 1567.4 | 638 |
| 8 | 1519.8 | 658 |
| 9 | 1474.9 | 678 |
| 10 | 1432.7 | 698 |

| | | |
|---|---|---|
| 11 | 1392.8 | 718 |
| 12 | 1355 | 738 |
| 13 | 1319.3 | 758 |
| 14 | 1285.3 | 778 |
| 15 | 1253.1 | 798 |
| 16 | 1222.5 | 818 |
| 17 | 1193.3 | 838 |
| 18 | 1165.6 | 858 |
| 19 | 1139 | 878 |
| 20 | 1113.6 | 898 |
| 21 | 1089.3 | 918 |
| 22 | 1066.1 | 938 |
| 23 | 326.2 | 3066 |

Table 6 – Long Pulse Radar Test Waveform

| Radar Type | Pulse Width (μsec) | Chirp Width (MHz) | PRI (μsec) | Number of Pulses per Burst | Number of Bursts | Minimum Percentage of Successful Detection | Minimum Number of Trials |
|---|---|---|---|---|---|---|---|
| 5 | 50-100 | 5-20 | 1000-2000 | 1-3 | 8-20 | 80% | 30 |

The parameters for this waveforms are randomly chosen. Thirty unique waveforms are required for the Long Pulse Radar Type waveforms. If more than 30 waveforms are used for the Long Pulse Radar Type wave forms, then each additional waveform must also be unique and not repeated from the previous waveforms.

Table 7 – Frequency Hopping Radar Test Waveform

| Radar Type | Pulse Width (μsec) | PRI (μsec) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (msec) | Minimum Percentage of Successful Detection | Minimum Number of Trials |
|---|---|---|---|---|---|---|---|
| 6 | 1 | 333 | 9 | 0.333 | 300 | 70% | 30 |

For the Frequency Hopping Radar Type, the same Burst parameters are used for each wave form. The hopping sequence is different for each wave form and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250–5724MHz.Next,the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely.

**Calibration of Radar Waveform**

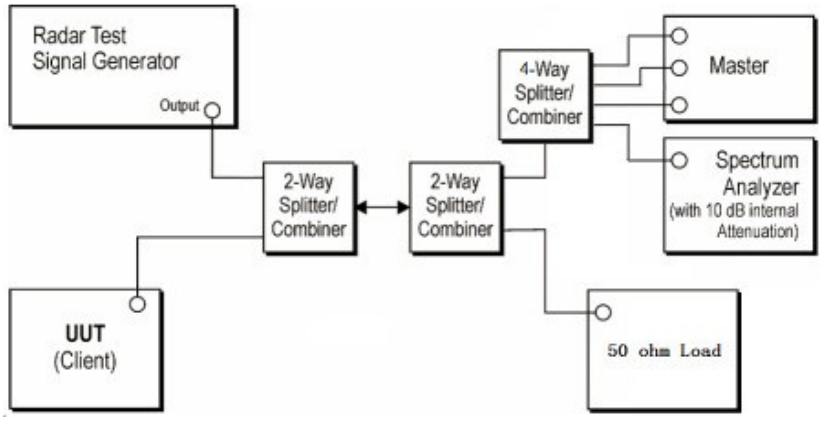
Radar Waveform Calibration Procedure

1) A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to place of the master
2) The interference Radar Detection Threshold Level is -62dBm + 0dBi +1dB = -61dBm that had been taken into account the output power range and antenna gain.
3) The following equipment setup was used to calibrate the conducted radar waveform. A vector signal generator was utilized to establish the test signal level for radar type 0. During this process there were no transmissions by either the master or client device. The spectrum analyzer was switched to the zero spans (time domain) at the frequency of the radar waveform generator. Peak detection was

used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz. The spectrum analyzer had offset -1.0dB to compensate RF cable loss 1.0dB.

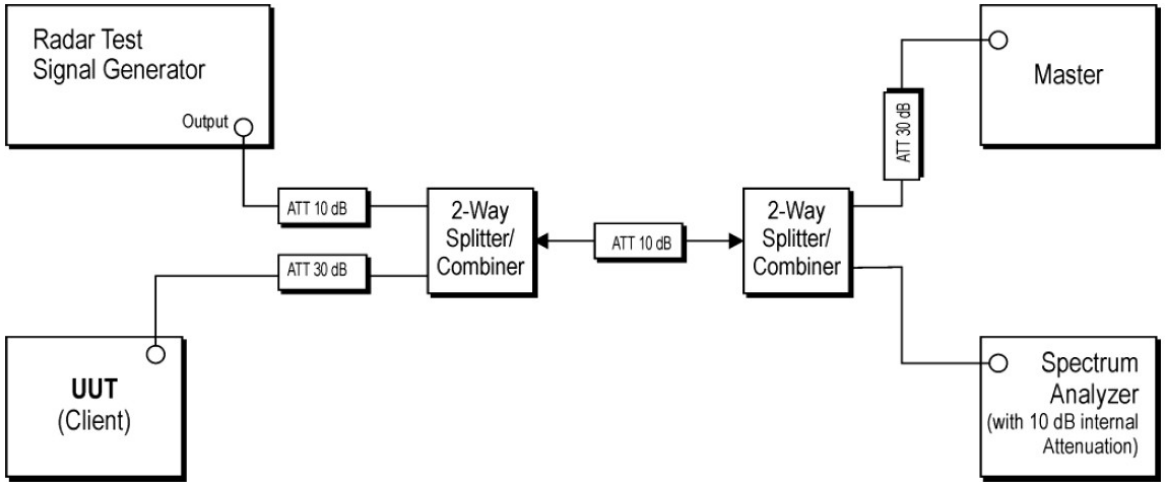
4) The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was - -62dBm + 0dBi +1dB = -61dBm. Capture the spectrum analyzer plots on short pulse radar waveform.

**Conducted Calibration Setup**




**Test Configuration**

Setup for Client with injection at the Master




**Radar Waveform Calibration Result**

☐ **Passed** ☒ **Not Applicable**

**Test Procedure**

1. The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
2. The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device
3. A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
4. EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
5. When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
6. Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type
7. Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
8. Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

**Test Mode**

Please refer to the clause 2.4.

**Test Results**

☐ **Passed** ☒ **Not Applicable**

**************************THE END*************************